

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

Report on Diamond Drilling at the H-K Project, Ontario

Hecla-Kilmer Property,
Hecla and Kilmer Townships,
Porcupine Mining Division,
Northeast Region, Ontario
Map Sheet: 42105

Author:
Justin J. Daley, MSc, PGeo
Exploration Manager & Chief Geologist
VR Resources Ltd.

December 2021

VR RESOURCES LTD.
1500 – 409 Granville St.
Vancouver, BC, Canada, V6C1 T2
Web: www.vrr.ca



Table of Contents

Summary	4
Location and Access	5
Regional Geology and Exploration History	6
Property Exploration History	8
Exploration Model	10
Property Geology	11
Alkaline Intrusive Complex	12
Olivine Essexite (HKex)	12
Ijolite (HKij)	13
Nepheline Monzonite/Syenite Porphyry (HKmz & HKsy)	13
Late Syenite Porphyries (HKlp1-2, HKsybt)	13
Drillholes	14
Results and Recommendations	14
Certificate	18
References	19

List of Figures & Tables

Figure 1: Location and access to the Ranoke Property	5
Figure 2: Regional geology map of Kapuskasing structural zone (KSZ)	7
Table 1: Summary of major geological/tectonic events shaping the study region.	8
Figure 3: Panned gold tail from 1970 core recovered by Gary Peacock	9
Figure 4: OGS magnetic data reprocessed for Analytic Signal	10
Figure 5: Schematic section of the exploration target at H-K.	11
Figure 6: Core photograph from HK20-002 at 235m	13
Table 2: Drillhole information	14
Table 3: REE and Critical Metal Intersections	14
Figure 7: Key intersections and drill collar locations	16
Figure 8: Mineralization texture atlas at H-K.	17

Appendix A

Plan Map of Drilling

NNW Drill Section through Gravity Anomaly Margin

NNE Drill Section through Gravity Anomaly Margin

HK Code List

HK Lithology Log

HK Alteration Log

HK Samples and Analysis

Appendix B

SGS Certificates

ALS Certificates

Appendix C

2020 Expense Report

2021 Expense Report

Zipped Invoices

Summary

The first-pass diamond drill program at the H-K project, during the months of September-October of both 2020 and 2021, VR Resources Ltd. (VRR) carried out a helicopter-assisted core drilling program at the Hecla-Kilmer property, located near Otter Rapids, Ontario. The two work programs ran from September 26 to October 20, 2020 and September 8 to October 25, 2021 respectively. Both were performed by VRR of Vancouver, BC in order to test the basement geology for Iron-oxide Copper-Gold (IOCG), rare earth elements (REE) and Critical Metals mineralization within the Hecla-Kilmer Alkali Complex and carbonatite. The work area is in the Hecla and Kilmer Townships, Porcupine Mining Division, Northeast Region, Ontario. Map sheet 42I05

Drilling on both programs was completed by George Downing Estate Drilling (GDED) based out of Hawkesbury, ON with camp, logistics and helicopter supplied by Expedition Group of Companies in Cochrane, Ontario. The work was completed for the claim owners, VR Resources Ltd., who own all claims 100% with no royalties or carried interests. A well-site trailer camp was constructed at the end of regional road ON-634 by Expedition just northwest of the Otter Rapids hydroelectric facility (Figure 1) on ground rented from Villeneuve Construction.

Drill sites were cleared of trees and low bushes in the immediate area of drilling and for an adjacent helipad, as there is no current road access by land, and walking routes to the nearby Pike River were cut to provide water for drilling. All drilling materials were removed from site and felled trees were dispersed to more easily decompose in the bog.

NQ drill core was brought to and logged at the Otter Rapids Camp by VR Resources personnel and contractors. Before being stacked on pallets for storage, the core was analyzed by X-ray fluorescence (XRF) by SGS's Minalyze sensor in 2020 and EnerSoft's GeologicAI system in 2021, which also includes hyperspectral scanning, before being cut and selected zones of interest sent for geochemical analysis at SGS in Sudbury, ON in 2020 and ALS Global in Timmins, ON.

The 2020 drill program of 4 drillholes totalling 1,971m, which aimed to test the large 3D magnetic vector intensity (MVI) anomaly in the NW part of the property, intersected two ~50m zones of REE and niobium mineralization in holes HK20-002 and HK20-004, hosted within carbonatite and phoscorite dykes and veins associated with intense sodic and potassic fenite alteration respectively. Anomalous gold and copper was also found in assay results of HK20-002 associated with the same alteration assemblage and specifically tied to the porphyritic Nepheline Monzonite (HKmz) intrusive phase.

The follow-up program in 2021 of 5 drill holes totalling 2,604m focused on an adjacent and cospatial 3.5mGal gravity anomaly, survey completed in March 2021, and confirmed what we learned from the first four holes, namely the poly-metallic nature of the hydrothermal breccia and alteration system at H-K. Four different styles of mineralization are already evident: 1. REE + Nb in veined and brecciated carbonatite dykes (Holes 2, 4, 5, 8 and 9); 2. lithium mineralization in hydrothermal breccia (Holes 2 and 9); 3. copper sulfide in veinlets with iron and silica (Hole 2), and; 4. elevated hydrothermal gold related to porphyry dykes (Holes 2, 6, 8 and 9).

All maps, figures and coordinates are in UTM WGS84 Zone 17

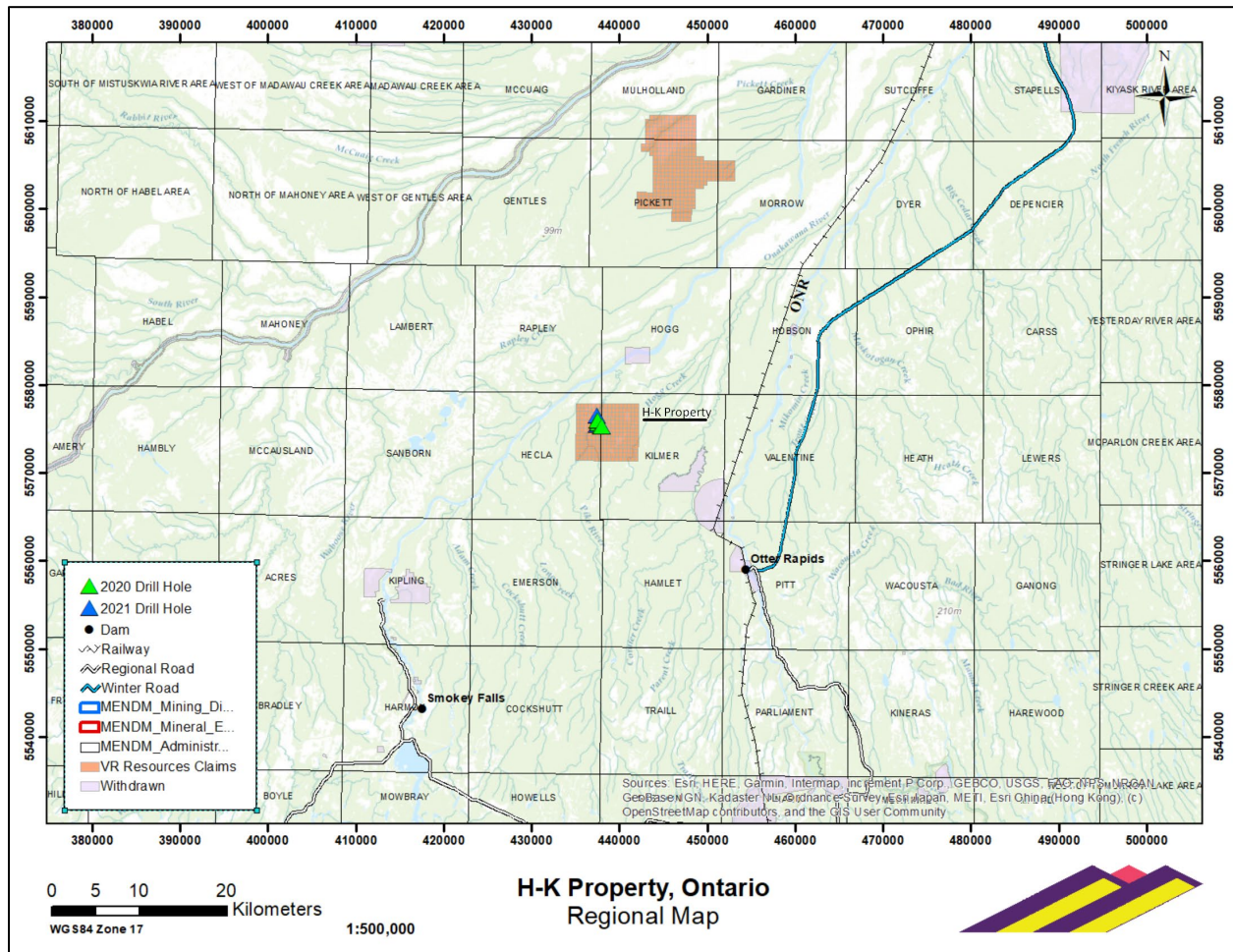


Figure 1: Location and access to the H-K Property. Camp was located at Otter Rapids, accessible by Hwy 634 south to the TransCanada Highway.

Location and Access

The H-K property is in the Moose River basin in northern Ontario, Canada. It is located south of the Mattagami river. The nearest town is Smooth Rock Falls located on the Trans-Canada Highway (Provincial HWY 11) some 110 kilometres to the southwest. Cochrane is the regional services hub and is located 150 kilometres to the southeast,. The property is 15 kilometers west of the active ONR railway line which connects the town of Moosonee with Cochrane on the Trans Canada Highway, thus providing port access to the James Bay region (Figure 1).

Otter Rapids Dam is an Ontario hydroelectric facility located on the Abitibi River about 50 kilometres to the south of the property. Provincial Highway 634 provides road access to Otter Rapids from Smooth Rock Falls, located at the junction of HWY 634 with the Trans-Canada

Highway. Private ground just behind the ONR bunk house was rented from Villeneuve Construction and served as camp and helicopter base for crews during drilling. Helicopter access to the property from camp is about 50km each way

The H-K property is located in a boreal region of lowland muskeg, with black spruce and pine forest along river drainages. Topographic relief is minimal, and there is no outcrop in the lowland region; H-K is tens of kilometres north of the northern limit of exposed Archean Superior Province shield in northern Ontario.

Regional Geology and Exploration History

The Hecla-Kilmer properties are centered on large magnetic anomalies associated with regional gravity features which occur along the western margin of the Kapuskasing Structural Zone (Figure 2), a long-lived, crustal-scale fault zone which bisects the Archean Superior craton between James Bay and Lake Superior, and hosts numerous alkaline, ultrabasic and carbonatite intrusions and kimberlites which span more than 1.6 billion years of activity (Table 2). This tectonic setting is prospective for the development of large IOCG or carbonatite-hosted copper-gold hydrothermal breccia systems.

Hecla-Kilmer is a large, roughly circular and concentrically zoned polyphase alkaline intrusive complex with carbonatite approximately 4 – 6 km's across. The complex was emplaced along the regional-scale tectonic suture between two sub-provinces of the Archean Superior Craton; the volcanic-dominated Wabigoon province to the north, and the sediment-dominated Quetico province to the south. Research published by the Ontario Geological Survey in 1988 and based on the petrography and geochemistry of pieces of core obtained from the historic drilling in 1970 described below described the core of the H-K complex as mostly nepheline syenite and phonolite, surrounded by a myriad of ultra-basic and carbonatite intrusive phases including olivine essexite, ijolite, pyroxenite and sovite.

Six diamond drill holes were completed at H-K by Ashland Oil and Elgin Petroleum in 1970 as part of a regional base metal exploration program of the Paleozoic shelf carbonate succession which covers Archean basement rocks in the region. One hole was abandoned, and only 854 m were completed in total in 5 holes, all on magnetic highs in the outer zones of the H-K complex. Importantly, the historic drilling for base metals in 1970 proved that the H-K carbonatite complex comes to surface, to the base of glacial till and overburden.

Ten years later in 1981, Selco Exploration Company completed two drill holes on peripheral magnetic highs of the complex as part of a regional diamond exploration program, and intersected ultra-basic rocks and mafic breccia.

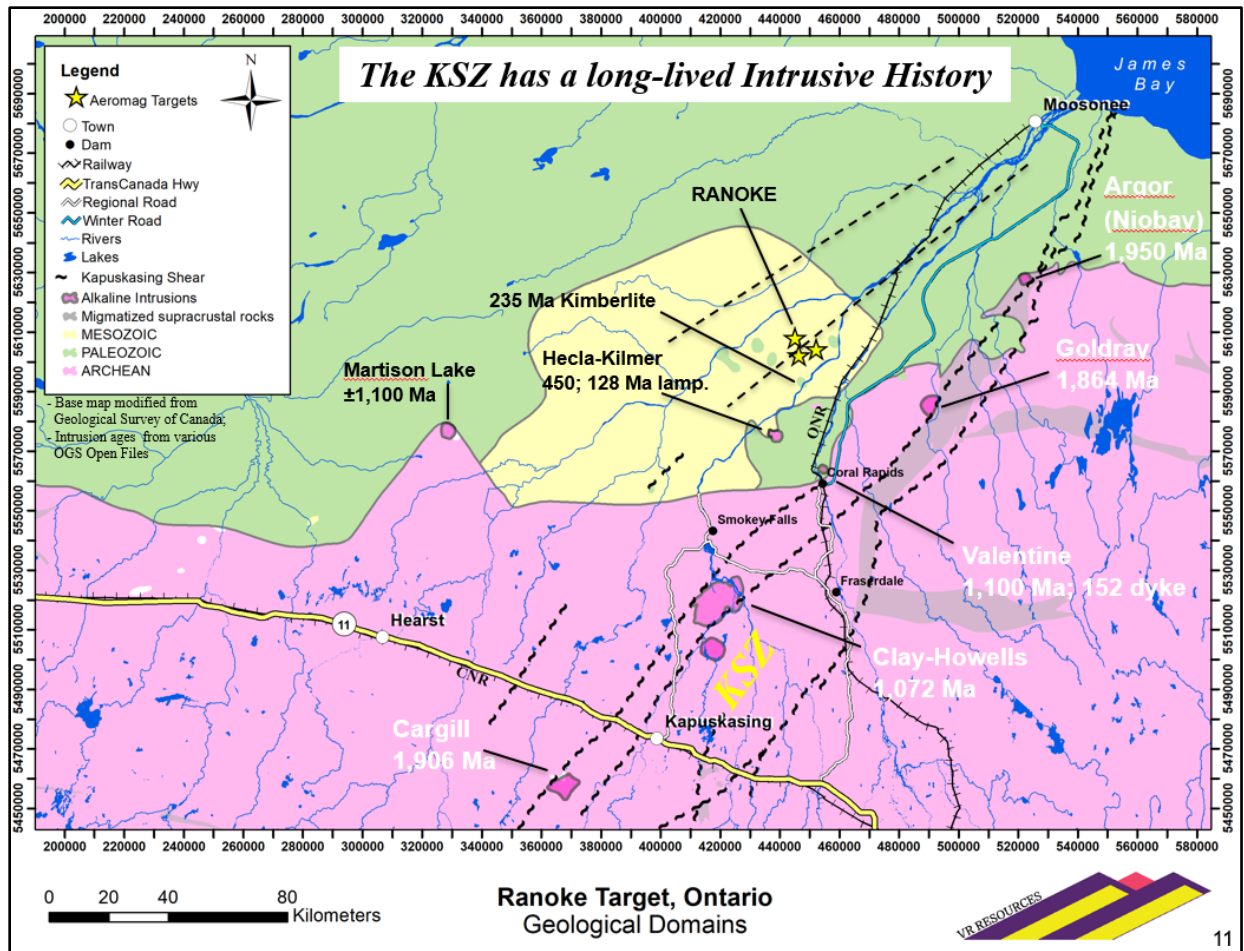


Figure 2: Regional geology map of Kapuskasing structural zone (KSZ) and James Bay Lowlands with alkaline and ultrabasic intrusions and their ages highlighted. The H-K target is noted by 3 gold stars indicating magnetic targets.

A high-resolution airborne magnetic survey was flown in the region in 1993 for diamond exploration. The survey shows clearly that Hecla-Kilmer is a concentrically zoned, high contrast magnetic anomaly 4 – 6 km’s across. Magnetic boundaries within the complex are sharply defined on RTP, 1VD and 2VD magnetic products. The historic drilling at H-K was done before this high-resolution survey, and before the discovery of the Olympic Dam copper-gold deposit in Australia and the development of the IOCG mineral deposit model, which helps explain why all five holes in 1970 were located in the outer concentric zones of the complex, and why copper-gold-fluorite hydrothermal breccia intersected in drill core in at least one of the holes was not sampled or followed up.

There has been no modern, systematic exploration or drilling of the core of the Hecla-Kilmer intrusive complex for copper and gold in the basement. The opportunity for VR is to be the first to apply modern IOCG and carbonatite mineral deposit models and the first to use modern

exploration technologies to explore the core of the H-K complex for a magnetite-copper-gold-fluorite hydrothermal breccia system.

Table 1: Summary of major geological/tectonic events shaping the study region. (Darbyshire et al., 2017)

Date	Event
3–2.6 Ga	Assembly of Superior Craton
2.8–2.6 Ga	Kenoran Orogen completes assembly process
2.49–2.45 Ga	Hotspot influence and rifting on SE Superior margin leads to emplacement of Matachewan dyke swarm
2.2 Ga	Age of Southern Province; Nipissing Sills fed by distant Ungava plume
1.9–1.6 Ga	Penokean Orogen on southern margin of Superior Province; likely age of major uplift in Kapuskasing Structural Zone
~1.8 Ga	Trans-Hudson Orogen on northwest Superior margin
~1.1 Ga	Keweenawan Mid-Continent Rift on southern Superior margin
1.1–1.0 Ga	Grenville Orogen on southeast Superior margin
Late Proterozoic - Early Cambrian	Opening of Ottawa-Bonnechere Graben and Lake Timiskaming structural zone (Ontario/Quebec border region)
Phanerozoic	Development of Hudson Bay and Moose River intracratonic basins
180–134 Ma	Emplacement of kimberlites along track of Great Meteor hotspot

Property Exploration History

The H-K target was previously explored briefly in 1969-1971 when the large alkali complex was mapped by regional magnetics and has a surface area of some 20 km². Historical ground geophysics completed in 1969 shows strong magnetic domains, large structural corridors and identifies eight weak to strong Crone VEM conductors based on sparse cut lines in the central part of the complex. Several conductors extend for up to 400m.

Six diamond drill holes were completed by Ashland Oil and Elgin Petroleum in 1970 as part of a regional base metal exploration program of the Paleozoic shelf carbonate succession which covers Archean basement rocks in the region. One hole was abandoned, and only 854 m were completed in total in 5 holes, all on magnetic highs in the outer zones of the H-K complex. Ten years later in 1981, Selco Exploration Company completed two drill holes on peripheral magnetic highs of the complex as part of a regional diamond exploration program, and intersected ultra-basic rocks and mafic breccia.

The Hecla-Kilmer Alkalic rock complex first documented in OGS Study 38, by Ron P. Sage in 1988. Sage visited an old drill camp and located partially rotted core boxes from 5 wide spaced historical drill holes in summer 1987. The property has no outcrop and is covered by till and swamp of the James Bay lowlands. Sage collected a suite of rocks from old core samples, and subsequent petrology provided an initial lithology list from five isolated AX core holes.

A high-resolution airborne magnetic survey was flown in the region in 1993 for diamond exploration. The survey shows clearly that Hecla-Kilmer is a concentrically zoned, high contrast magnetic anomaly 4 – 6 km's across. Magnetic boundaries within the complex are sharply defined on RTP, 1VD and 2VD magnetic products. The historic drilling at H-K was done before this high-resolution survey, and before the discovery of the Olympic Dam copper-gold deposit in Australia and the development of the IOCG mineral deposit model, which helps explain why all five holes in 1971 were located in the outer concentric zones of the complex, and why copper-gold-fluorite hydrothermal breccia intersected in drill core in at least one of the holes was not sampled or followed up.



Figure 3: Gold tail from Batch 1 of H-K core recovery clean up by Gary Peacock.

Gary Peacock and later Orebot Inc. staked the Alkalic Complex in 2012 and 2015 in search of diamond bearing kimberlite in addition to I-510, a historical BP-Selco diamond-bearing melilitite discovery that is part of the Coral Rapids cluster. Historical drill logs mention a lamprophyre and also describe some of the breccias as kimberlite at Pike River. This encouraged Gary to also find the old drill camp and sample old drill core previously sampled by Sage, 1988. The 45-year old core was grown over by moss and deeply weathered. Gary Peacock, an expert mineral processor devised a way to clean the core by tumbling it in a cement mixer with sand and water in a heavy mineral lab he built at his residence. After many hours of tumbling, each piece of core was clean and primary rock textures were once again visible. Core was removed from the cement mixer and placed in drill core boxes in random order. Gary panned the sandy residue in bottom of the cement mixer and discovered gold, not trace amounts, but a significant gold tail with +1mm nuggets.

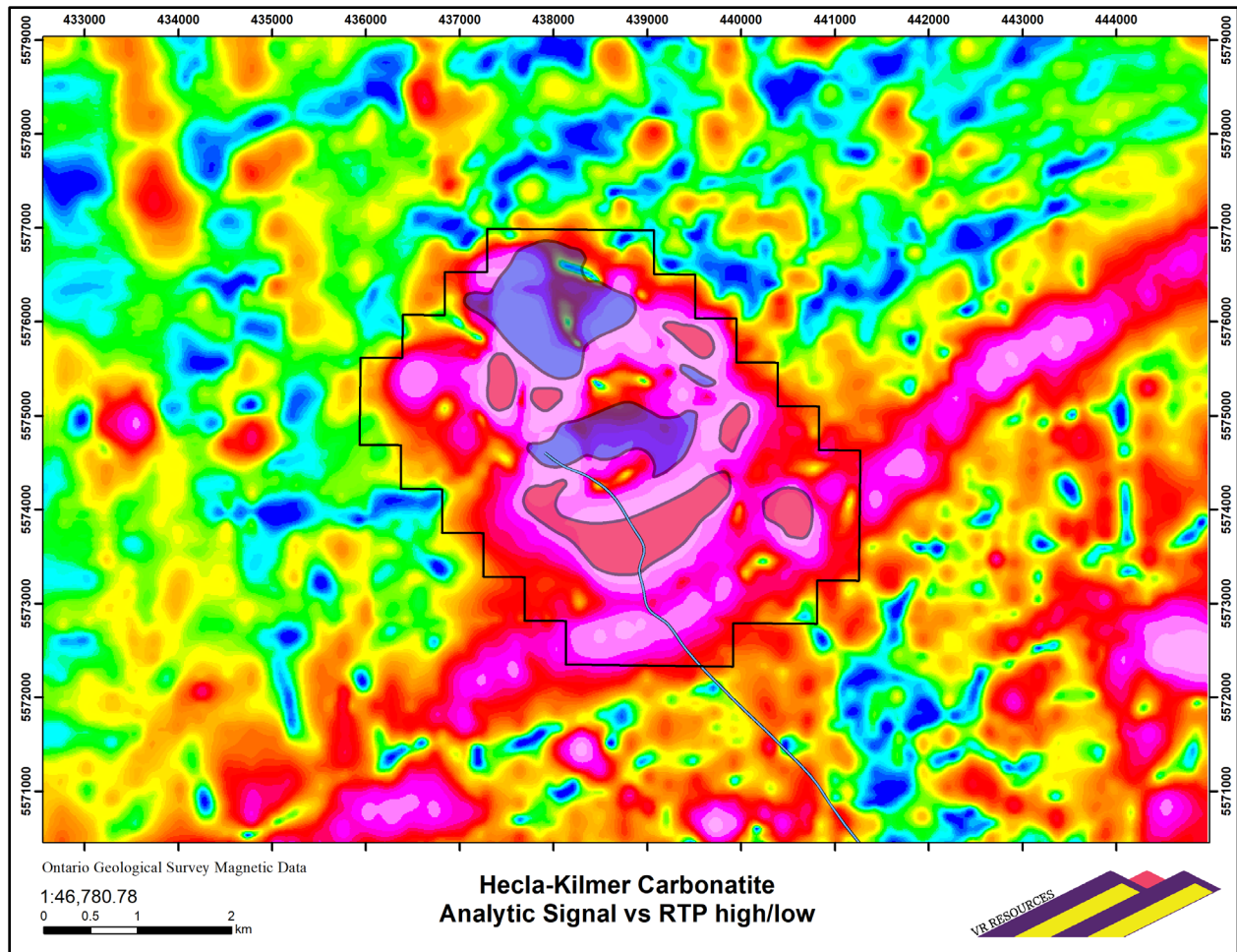


Figure 4: Magnetic Analytic Signal at H-K from the 1993 Highsense survey and regional OGS magnetic data showing staking over the high contrast magnetic complex of the Hecla-Kilmer Alkali Complex. The complex occurs at the suture of the Wabigoon and Quetico Subprovinces of the Superior Craton and structurally controlled by the intersection of Archean Mattachewan (NNE-SSW) and Biscotasing (SW-NE) dyke swarms. RTP anomalies are shaded in red and blue outlines and are relatively discordant with analytic signal, which may indicate hydrothermal magnetite.

Exploration Model

H-K is located immediately north of a robust copper-gold-fluorite heavy mineral anomaly evident in several rivers in the Coral Rapids area, based on a regional alluvium survey completed by the Ontario Geological Survey in 2001 and 2002. The unique mineral assemblage underscores the potential for a buried carbonatite or IOCG deposit (iron oxide copper-gold) as the source of the geochemical anomaly.

The H-K property covers a well defined, high intensity magnetic complex approximately 5 x 5 kilometres in size and evident on regional-scale Geological Survey of Canada (GSC) aeromagnetic maps. The complex delineates a regional-scale structural suture zones and structural intersections of Archean dykes, and individual magnetic anomalies are locally discordant to the regional

magnetic grain evident in Archean basement rocks. The high resolution airborne survey completed by High Sense in 1993 confirmed the location, geometry and intensity of the H-K complex evident on the historic GSC maps. The northern magnetic anomaly at H-K is both the largest, at > 500m's in diameter, and the highest intensity, at > 1,000 nT. It has a vertical, pipe-like geometry with sharply defined margins and a central apex which is consistent across TMI, RTP and 1VD magnetic products.

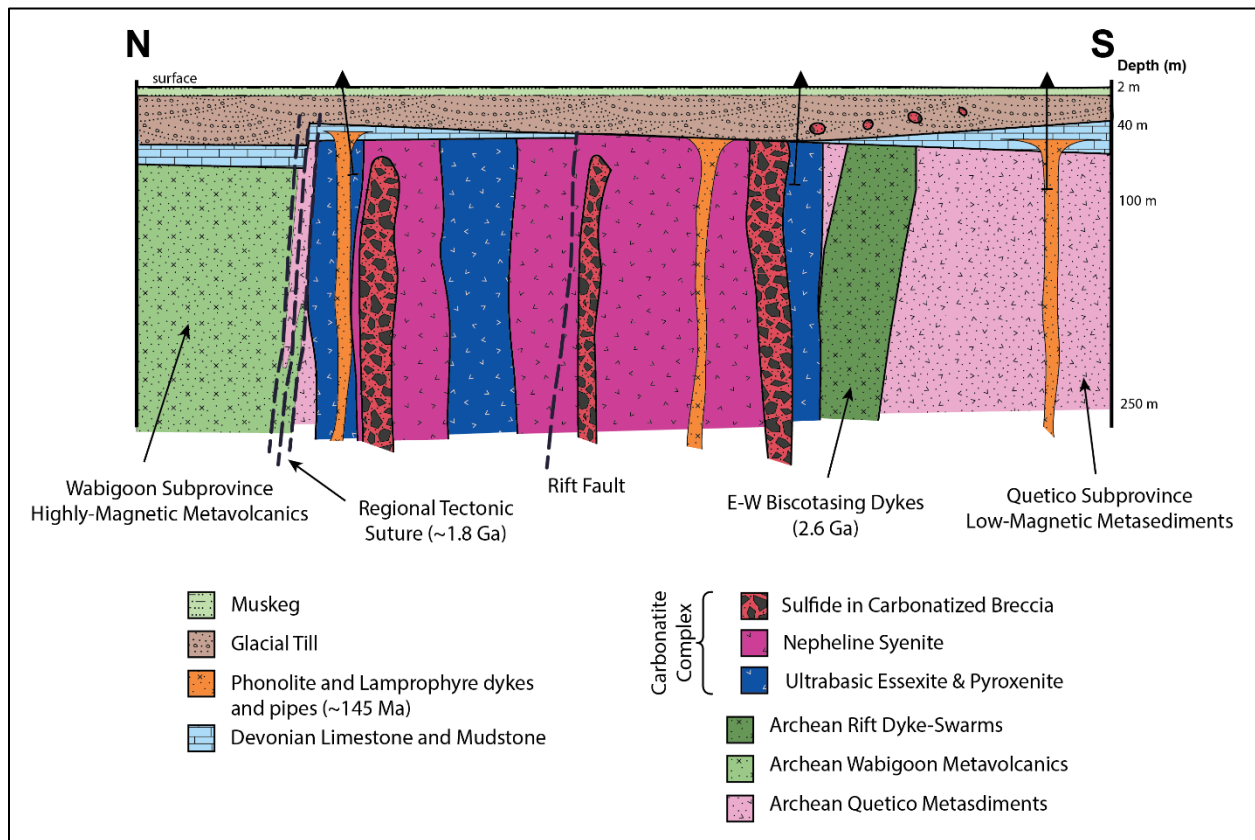


Figure 5: Schematic section of the exploration target at H-K.

The schematic cross-section shown in Figure 6 illustrates the target at H-K; a near-surface, large, vertical, magnetic, dense IOCG pipe or carbonatite intrusion. This cross-section is a representation of the discrete magnetic anomaly (pipe) at the northern end of the overall magnetic complex and structural intersection at H-K. This pipe is potentially the near-surface but till-covered source to copper and gold grains observed in the unconsolidated overburden in nearby reverse circulation drill holes completed in the early 1980's during a reconnaissance evaluation of Cretaceous-aged coal seams in the Moose River Basin.

Property Geology

Till overburden at the H-K Property is roughly 50-100m thick and sits above a glacially eroded Archean basement that is locally and unconformably overlain by the Upper Silurian Sextant

Formation, comprising deep red limonitic sandstones at the weathered erosional contact and grades upward into a coarse reduced arenite and chemically-deposited limestone, primary dolomite and thin muddy breccia.

Hecla-Kilmer is a large, polyphase Proterozoic alkaline intrusive complex with carbonatite approximately 4 – 6 km's across. The core of the complex is mostly nepheline syenite and phonolite, surrounded by a myriad of ultra-basic, alkaline and carbonatite intrusive phases including several porphyritic phases, phoscorite, sovite, ijolite, syenite and olivine gabbro. The complex was emplaced along the regional-scale tectonic suture between two sub-provinces of the Archean Superior Craton; the volcanic-dominated Wabigoon province to the north, and the sediment-dominated Quetico province to the south. Evident in magnetic surveys and drilling regionally are regularly spaced and continuous mafic Matachewan and Biscotasing dykes emplaced in the Archean. These dykes are perpendicular relative to each other and form the basis of regional structural movement and are the focus of hydrothermal-magmatic fluids and related intrusions.

Basement units are cross-cut by much later aphanitic lamprophyre plugs and dykes that are ferroan and alkalic in nature and often contain calcite amygdales and phlogopite phenocrysts (Figure 5, Photo 1). These late dykes often have brittle intrusive contacts with angular wall rock clasts and are rarely more than 1.5 m across. The brittle nature and movement indicators on the contacts indicates the lamprophyres have intruded along active near-surface faults.

Alkaline Intrusive Complex

Olivine Essexite (HKex)

Olivine essexite is found to dominate within the western two holes, HK20-002 and 004, nearest the gravity anomaly defined by VR Resources Ltd. in spring 2021. Essexite is defined as an alkali gabbro primarily composed of plagioclase, hornblende, biotite, titanite, with lesser amounts of alkali feldspar and nepheline (AGI 1987). The H-K essexite differs in that it contains olivine estimated at 10-20% and is silica-undersaturated, therefore it lacks potassium feldspar in favour of 20-35% nepheline. It is predominantly fine to medium grained, massive and inequigranular with larger subhedral round olivine grains in isolation or in aggregate. Where identified in 2020 drilling by VR it is distinguished by relic olivine sites and is highly altered and displays near total groundmass replacement by fenite and potassic alteration (biotite-orthoclase-magnetite) related to later alkaline intrusions. However, descriptions from Sage, 1983 suggest an the major components average approximately 15% olivine, 15% plagioclase (An 45), 40% clinopyroxene and 30% nepheline, with apatite, magnetite and biotite in trace amounts up to 5% locally.



Figure 6. HK20-001 at 235m showing an equigranular “salt-and-pepper” ijolite host rock with porphyritic syenite dyke intrusion displaying weak hematitic alteration and very fine disseminated pyrochlore.

Ijolite (HKij)

Ijolites are classified as a nepheline-pyroxene rock containing 30-70% nepheline (Williams et al., 1954) and can occasionally have biotite in place of pyroxene. They are observed as a dominant lithology in HK20-001 and 003 with a medium grained, massive and equigranular texture with a distinctive “salt and pepper” appearance (Figure 5).

Nepheline Monzonite/Syenite Porphyry (HKmz & HKsy)

Previously called phonolite and phonolite breccia in drill logs. The unit has been renamed to better represent its intrusive nature and hypidiomorphic texture. This mafic porphyritic rock unit is characterized by subrounded nepheline phenocrysts in a fine crystalline mafic groundmass that is very often completely replaced by hydrothermal biotite. Biotite phenocrysts are not uncommon and overall porphyritic texture is variable depending on width of dyke and thickness of quench on margins. These units form large metre-scale intrusive breccia zones of stock work dykes with angular walk rock clasts ranging from 5cm to potentially 5m.

Late Syenite Porphyries (HKlp1-2, HKsybt)

Subrounded to angular hypidiomorphic nepheline and perthite porphyritic intrusions with fine grain groundmass roughly equal parts feldspar and mafic materials appear to post date the intense and high temperature alteration related to the HKmz and HKsy unit described above. These rocks are in general marginally silica undersaturated with roughly equal parts feldspar and feldspathoid minerals.

Drillholes

Table 2: Drillhole Information

Hole ID	Depth	Datum & Zone	Northing	Easting	Elevation	Azimuth	Dip	Samples Collected & Analysed
HK20-001	351	WGS 84 / UTM zone 17N	5575334	438017	91	15	-64	0
HK20-002	606	WGS 84 / UTM zone 17N	5575968	437627	90	165	-75	574
HK20-003	405	WGS 84 / UTM zone 17N	5575337	438012	90	335	-65	0
HK20-004	609	WGS 84 / UTM zone 17N	5575698	437688	90.5	335	-78	132
HK21-005	528	WGS 84 / UTM zone 17N	5575703	437691	91	275	-60	352
HK21-006	561	WGS 84 / UTM zone 17N	5575977	437621	90	310	-70	67
HK21-007	519	WGS 84 / UTM zone 17N	5575975	437620	90	220	-65	0
HK21-008	528	WGS 84 / UTM zone 17N	5575481	437440	92	0	-70	219
HK21-009	468	WGS 84 / UTM zone 17N	5576539	437500	89	256	-70	177

Results and Recommendations

The results to date from the H-K project drill programs are several 50-299m long intersections of marginally economic REE and Nb intersections that are related to nepheline monzonite intrusions focused on geophysically interpreted structural zones around the MVI and gravity anomalies (Figure 7). Anomalous gold and copper are also seen in several drillholes. Critical metals mineralization is typical of alkaline and carbonatite intrusive complexes (Niobec in Quebec and Argor near James Bay, ON) and are typically related to apatite rich carbonatite or sovite dykes (Figure 8) that host REE in monazite, bastnaesite, parasite and eudyalite, among others, and niobium is hosted in pyrochlore and columbite within fenite altered wall rock. An outline of relevant critical metal intersections to date are shown in Table 2 above.

Follow up drilling is recommended for this coming winter/spring and planning is currently underway. The objectives are set and the potential is clear: 1. test the structures which control the broad zones of REE + Nb mineralization with gold in the northern part of the complex for higher grades, and; 2. complete additional reconnaissance drilling on the larger magnetic anomaly located 2 – 3 kilometres to the southeast, on the southern margin of the complex, to evaluate all four styles of mineralization discovered to date. To be certain, we have only just

started to understand the controls of the mineralization in the northern magnetic anomaly, and the remainder of this large and multiphase complex at H-K has yet to be drill-tested. The program is recommended to consist of another 4-6 deep 500 metre drill holes, run in a very similar fashion to the programs outlined here.

Table 3: REE and Critical Metal Intersections

Drill hole	Released	From (m)	To (m)	Length (m)	TREO ⁽¹⁾ (%)	MHREO ⁽²⁾ (%)	MH-T ⁽³⁾	Li ₂ O (ppm)	Nb ₂ O ₅ (%)	Ta ₂ O ₅ (ppm)	ThO ₂ (ppm)
HK21-008	New	144	179	35	0.42	0.03	9.1%	176	0.18	14.6	111
	New	237	357	120	0.58	0.04	8.2%	101	0.20	21.6	147
<i>including</i>	New	305	342	37	0.74	0.05	7.6%	89	0.32	36.9	229
<i>including</i>	New	324	335	11	0.79	0.05	6.6%	108	0.41	49.7	269
HK21-009	New	88	95	7	1.02	0.09	10.7%	507	0.13	22.0	152
	New	120	272.15	152.15	0.54	0.05	10.1%	340	0.09	14.2	110
<i>including</i>	New	120	129	9	0.97	0.09	9.2%	407	0.18	15.1	181
<i>including</i>	New	196	202	6	0.91	0.08	8.5%	420	0.07	11.0	380
<i>including</i>	New	242	262	20	0.80	0.07	10.0%	345	0.15	27.5	148
<i>including</i>	New	243	247	4	1.75	0.15	8.9%	318	0.34	58.0	386
HK21-005	NR-21-22	52	351.53	299.53	0.47	0.04	8.6%	94	0.18	23.8	135
<i>including</i>	NR-21-22	80.75	318.21	237.46	0.49	0.04	8.2%	91	0.20	27.3	149
<i>including</i>	NR-21-22	152	180	28	0.80	0.08	9.7%	72	0.17	26.5	252
<i>including</i>	NR-21-22	156	159	3	1.70	0.18	10.3%	52	0.08	16.1	562
<i>including</i>	NR-21-22	183	238	55	0.44	0.03	7.5%	106	0.23	25.4	123
<i>including</i>	NR-21-22	186	190	4	0.61	0.04	6.9%	114	0.42	28.2	159
<i>including</i>	NR-21-22	275	306	31	0.61	0.04	6.0%	102	0.31	33.4	215
<i>including</i>	NR-21-22	299	306	7	0.86	0.06	6.6%	90	0.42	45.5	330
HK20-002	NR-21-17	159.60	183	23.4	0.63	0.06	9.9%	427	0.05	8.3	152
	NR-21-17	553	606	53.00	0.51	0.05	9.1%	130	0.12	17.1	390
<i>including</i>	NR-21-17	566.65	585	18.35	0.67	0.07	9.4%	114	0.14	18.8	548
HK20-004	NR-21-20	40.30	98.40	58.10	0.38	0.04	11%	107	0.15	25.37	155
<i>including</i>	NR-21-20	57	60.21	3.21	1.44	0.15	10%	119	0.17	25.20	438
<i>including</i>	NR-21-20	67.23	78	10.77	0.35	0.04	11%	82	0.27	50.12	259

- (1) TREO is the summation of Ce2O3 + La2O3 + Pr2O3 + Nd2O3 + Sm2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + Y2O3
- (2) MHREO is the sum of the middle and heavy rare earth oxides (Sm2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3 + Y2O3)
- (3) MH-T is MHREO divided by TREO, expressed as a percent.

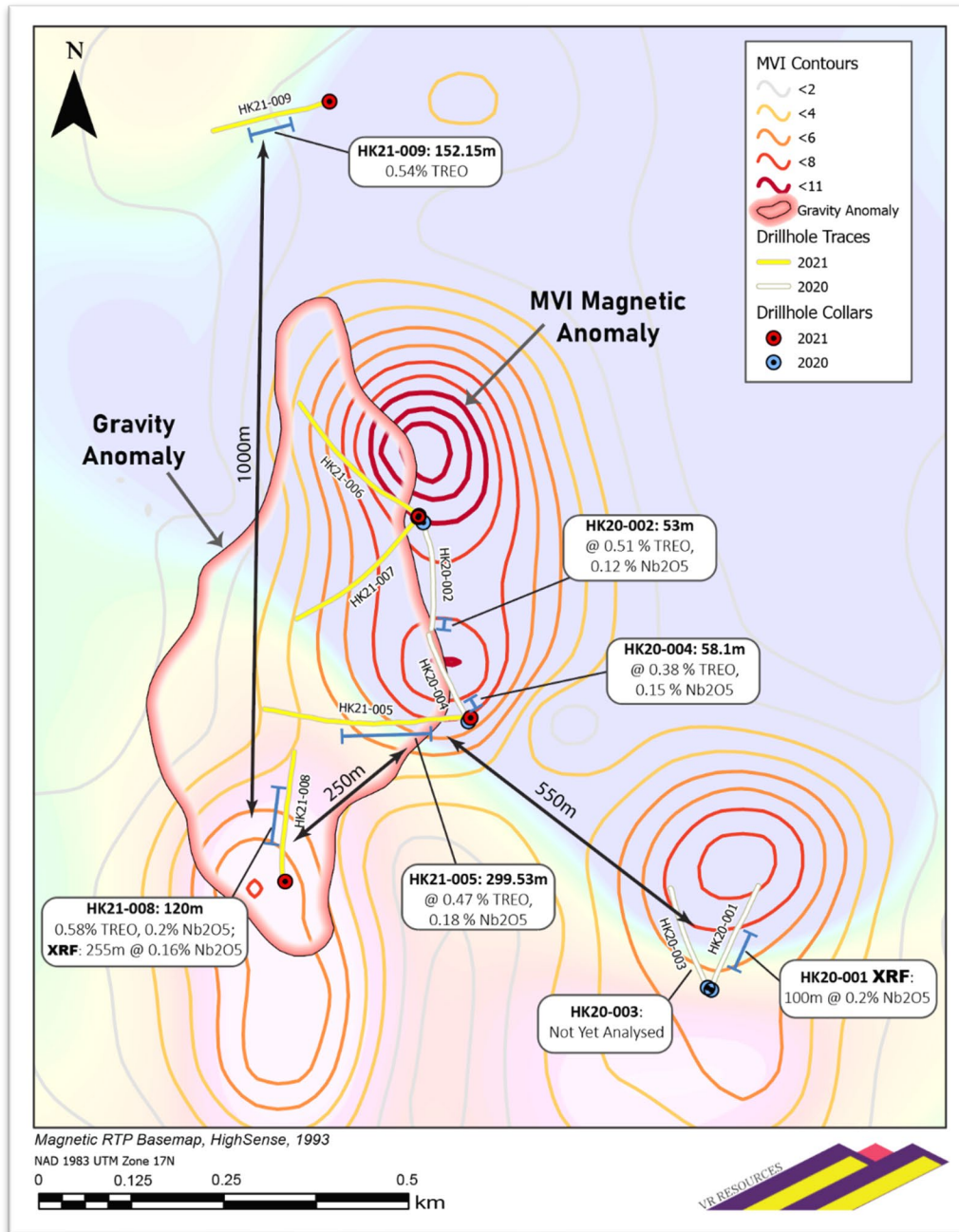


Figure 7: Key intersections and drill collar locations for the nine drill holes completed by VR at H-K in 2020 and 2021, plotted on an RTP magnetic base map. Shown in contours are the main magnetic anomalies from the 3D MVI inversion model of the magnetic data. Shown in shaded outline is the 3.5 mGal residual gravity anomaly derived from the ground-based gravity survey completed in March, 2021. Drilling in 2021 tested the gravity anomaly, to augment the drilling in 2020 which targeted parts of the MVI magnetic anomalies.

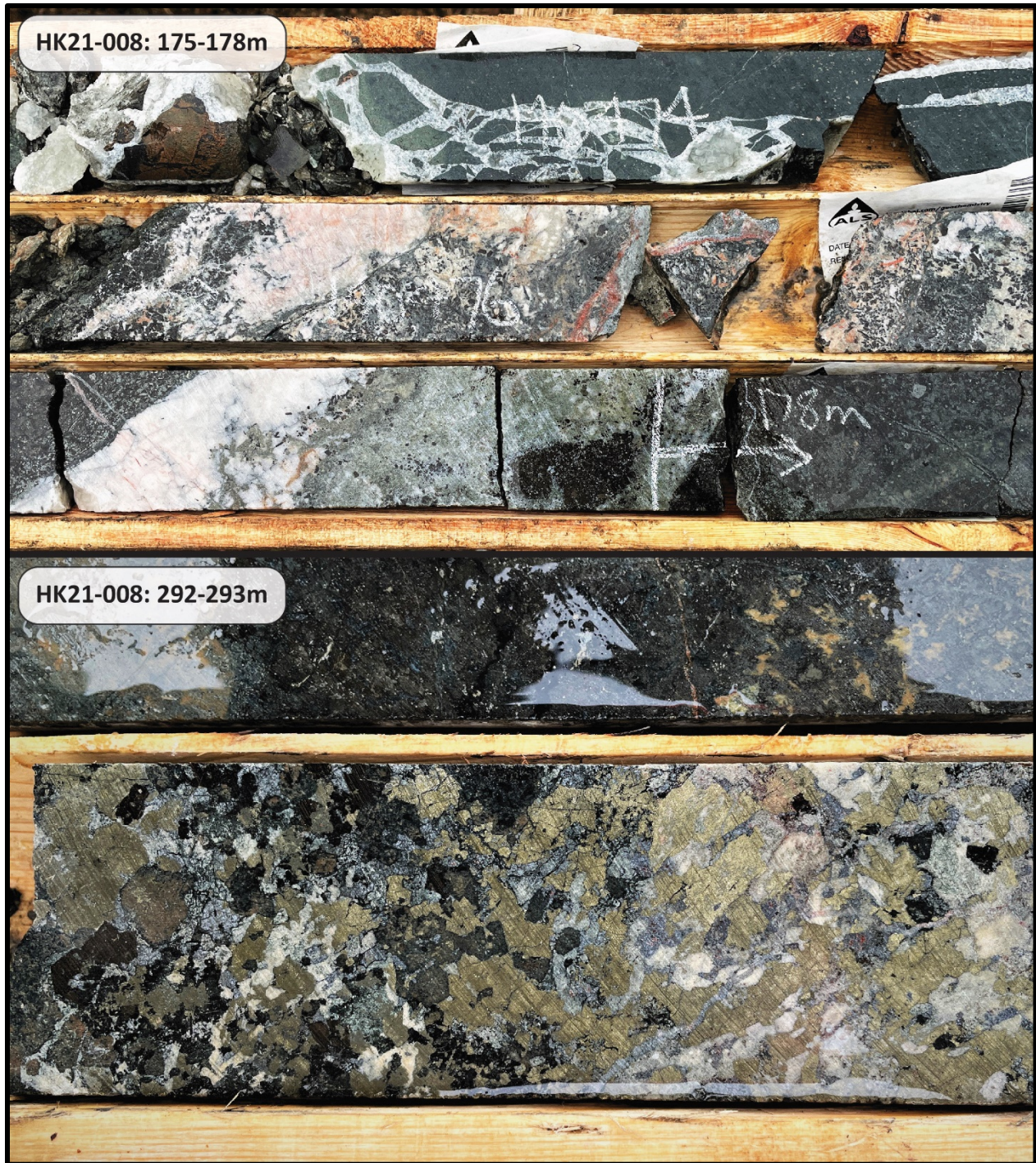




Figure 8: Atlas of textures and mineralogy for the 255 m intersection REE and critical element mineralization with gold in drill hole HK21-008. Core in the upper photo at 175-178m grades 0.56% TREO and 0.30% Nb₂O₅ and is hosted primarily in disseminated pyrochlore and calcite-apatite veins. The lower photo with 1cm hexagonal crystals of apatite, pyrite and magnetite grades 0.76% TREO and 0.30% Nb₂O₅.

Certificate

1. I, Justin J. Daley, reside at 451 Kingswood Rd., Toronto, Ontario, M4E3P4
2. I have a B.Sc. Honours in Geological Sciences from Queen's University in Kingston, ON (2012) and a M.Sc. in Geology (Mineral Exploration) from Laurentian University in Sudbury, ON (2017).
3. I am a registered Professional Geoscientist in the Province of British Columbia and have been for three years.
4. I have been involved in all aspects of mineral exploration for 10 years in the United States, Mexico, Chile, Peru, and across Canada in British Columbia, Saskatchewan, Yukon Territory and Ontario.
5. I have primarily worked within magmatic-hydrothermal systems, such as Cu-Mo-Au porphyries, Au-Ag epithermal deposits and iron-oxide copper gold deposits, for the last 10 years.
6. I am not aware of any material fact or of any material change with respect to the subject matter of this technical report, which has not been reviewed and might make the report misleading.
7. I am a non-independent person with respect to VR Resources, I own shares and have received option agreements with respect to my work with the company as "Principal Geologist" from 2017 to present.

Dated at Toronto, Ontario on December 9, 2021


Justin J. Daley, PGeo



References

AGI 1987: Glossary of Geology; American Geological Institute, Alexandria, Virginia, 788p.

Darbyshire, F. A., Eaton, D. W., Frederiksen, A. W., & Ertolahti, L. 2007. New insights into the lithosphere beneath the Superior Province from Rayleigh wave dispersion and receiver function analysis. *Geophysical Journal International*, 169(3), 1043-1068.

Halls, H. C., & Davis, D. W., 2004. Paleomagnetism and U Pb geochronology of the 2.17 Ga Biscotasing dyke swarm, Ontario, Canada: evidence for vertical-axis crustal rotation across the Kapuskasing Zone. *Canadian Journal of Earth Sciences*, 41(3), 255-269.

Sage, R. P., 1988. Geology of Carbonatite – Alkalic Rock Complexes in Ontario: Hecla-Kilmer Alkalic Rock Complex. District of Cochrane. Ontario Geological Survey Study 38. ISSN 0704-2590; 38p

Salo, R. W., 2006. Diamond Drilling Report On The Coral Rapids Property For Baltic Resources Inc., OGS Assessment Report Database. Assessment File: 20000001302. AFRO Number: 2.31852. Resident Geologist District: Timmins. Resident Geologist Office File Number: T-5357

Williams, H., Turner, R., and Gilbert, C., 1954. Petrography: An introduction to the study of rocks in thin section; W.H. Freeman and Co., San Francisco, 406pp.

Winchester, J.A. and Floyd, P.A., 1977. Geochemical discrimination of different magma series and their differentiation products using immobile elements. *Chemical geology*, 20, pp.325-343.

Hole ID	Status	Azimuth	Dip	Top	Bottom
HK21-009		256	-70	0	468
HK21-008		0	-70	0	528
HK21-007		220	-65	0	519
HK21-006		310	-70	0	561
HK21-005		275	-60	0	528
HK20-004		335	-78	0	609
HK20-003		335	-65	0	405
HK20-002		165	-75	0	606
HK20-001		15	-64	0	351



MENDM_Administrative_Boundaries

MENDM_Administrative_Boundaries

Drillhole Collars

2020

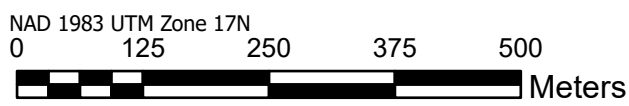
2021

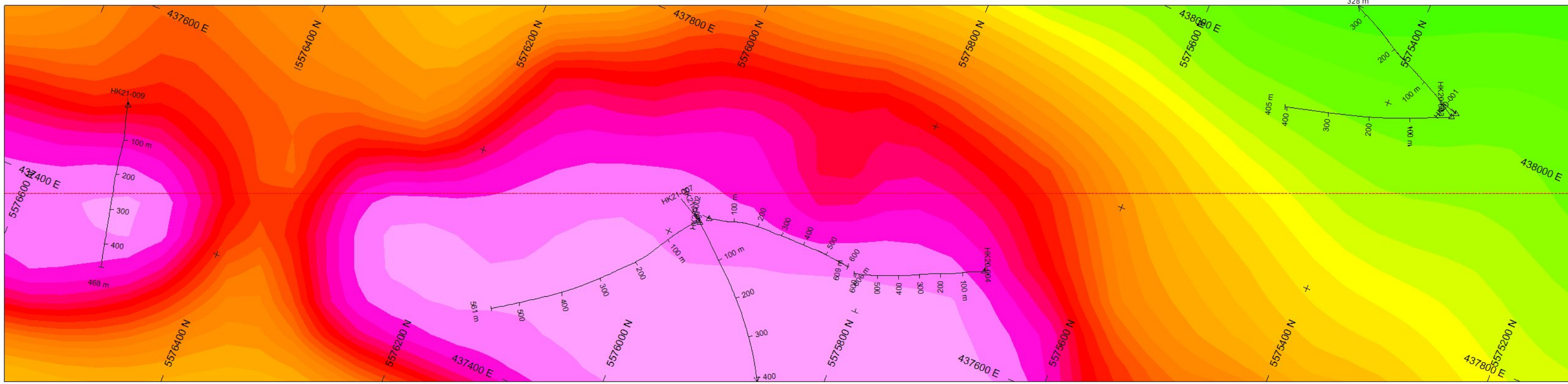
Drillhole Traces

VR Resources Claims

(100) VR Resources Ltd

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Sources: NRCan, Esri Canada, and Canadian Community Maps contributors., Esri Community Maps Contributors, Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI, NASA, USGS, EPA, US Census Bureau, USDA, NRCan, Parks Canada, Esri Canada

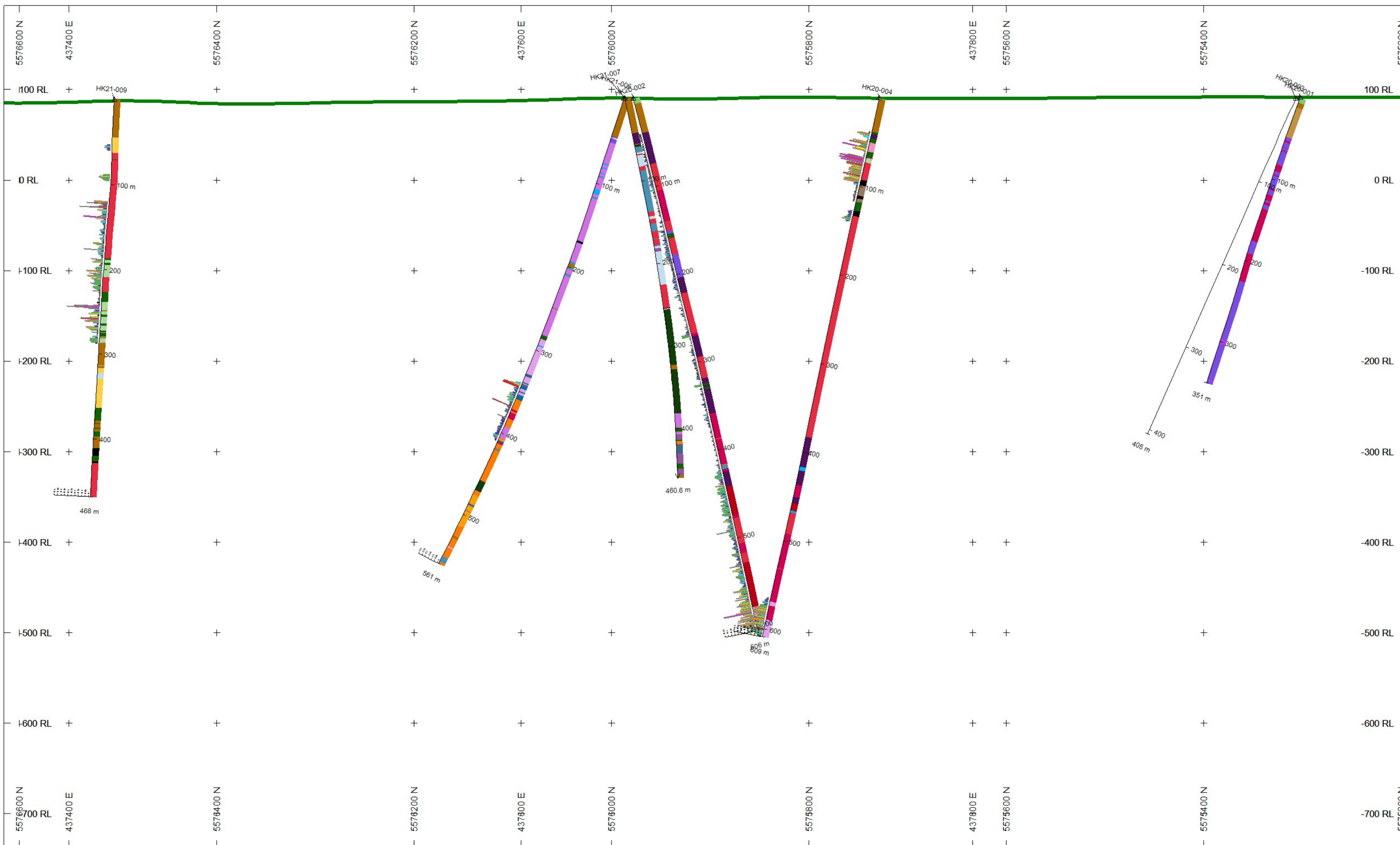




HOLES PLOTTED

TOTAL 7

HK20-001 HK20-002 HK20-003 HK20-004
 HK21-006 HK21-007 HK21-009



TOPOGRAPHY

GL200086_DEM.grd

BAR GRAPHS

L/R	COL	RANGE
Nb2O5_pct	L	0.32
		0.23
		0.16
		0.12
		0.08
		0.06
		0.04

ROCK CODES

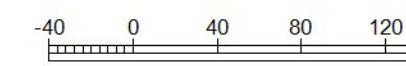
Lithology	PAT	LABEL	PAT	LABEL
	Qmg	Qmg	HKsy-pbx	HKsy-pbx
	Qbt	Qbt	HKsy-p	HKsy-p
	Late Lamp	Late Lamp	HKurt-bx	HKurt-bx
	HKlp2	HKlp2	HKsv-mag	HKsv-mag
	HKlp1	HKlp1	HKsv-bx	HKsv-bx
	HT2	HT2	HKsv	HKsv
	HT4	HT4	HKmz-bx	HKmz-bx
	FBx	FBx	HKmz	HKmz
	HKsv-bx-g	HKsv-bx-g	HKsy	HKsy
	HKlamp	HKlamp	HKij	HKij
	HKsybt	HKsybt	HKex	HKex
	HKkp	HKkp	HKmbx	HKmbx
	HKphs-Na-bx	HKphs-Na-bx		
	HKphs-K	HKphs-K		

SECTION SPECS:

REF. PT. E, N 437682 m 5575904 m
 EXTENTS 1553 m 929.6 m
 SECTION TOP, BOT 193 m -736.6 m
 TOLERANCE +/- 208 m

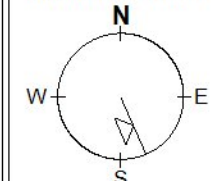
SCALE 1 : 3600

(m)

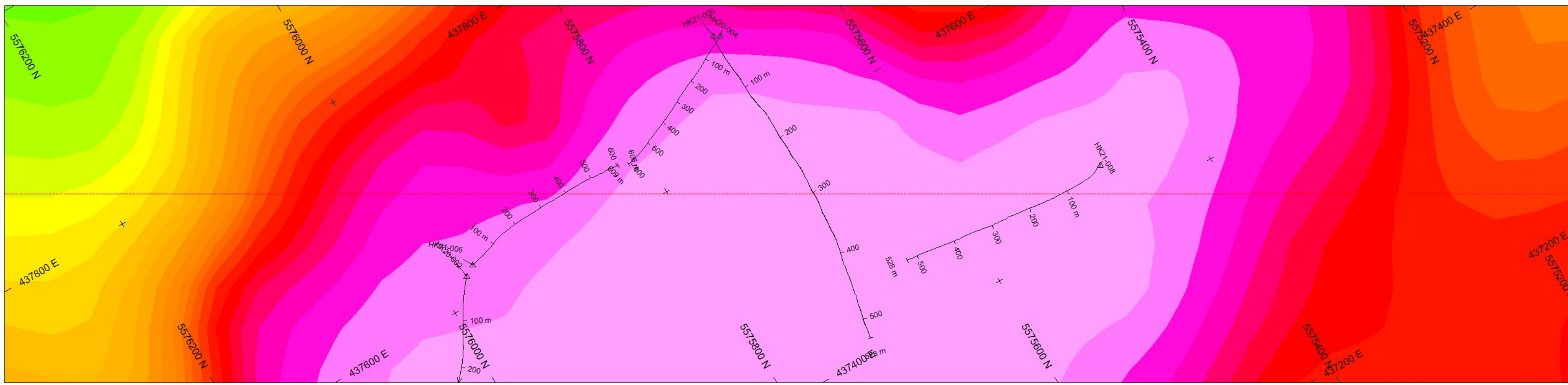


WGS 84 / UTM zone 17N

AZIMUTH = 156.4°



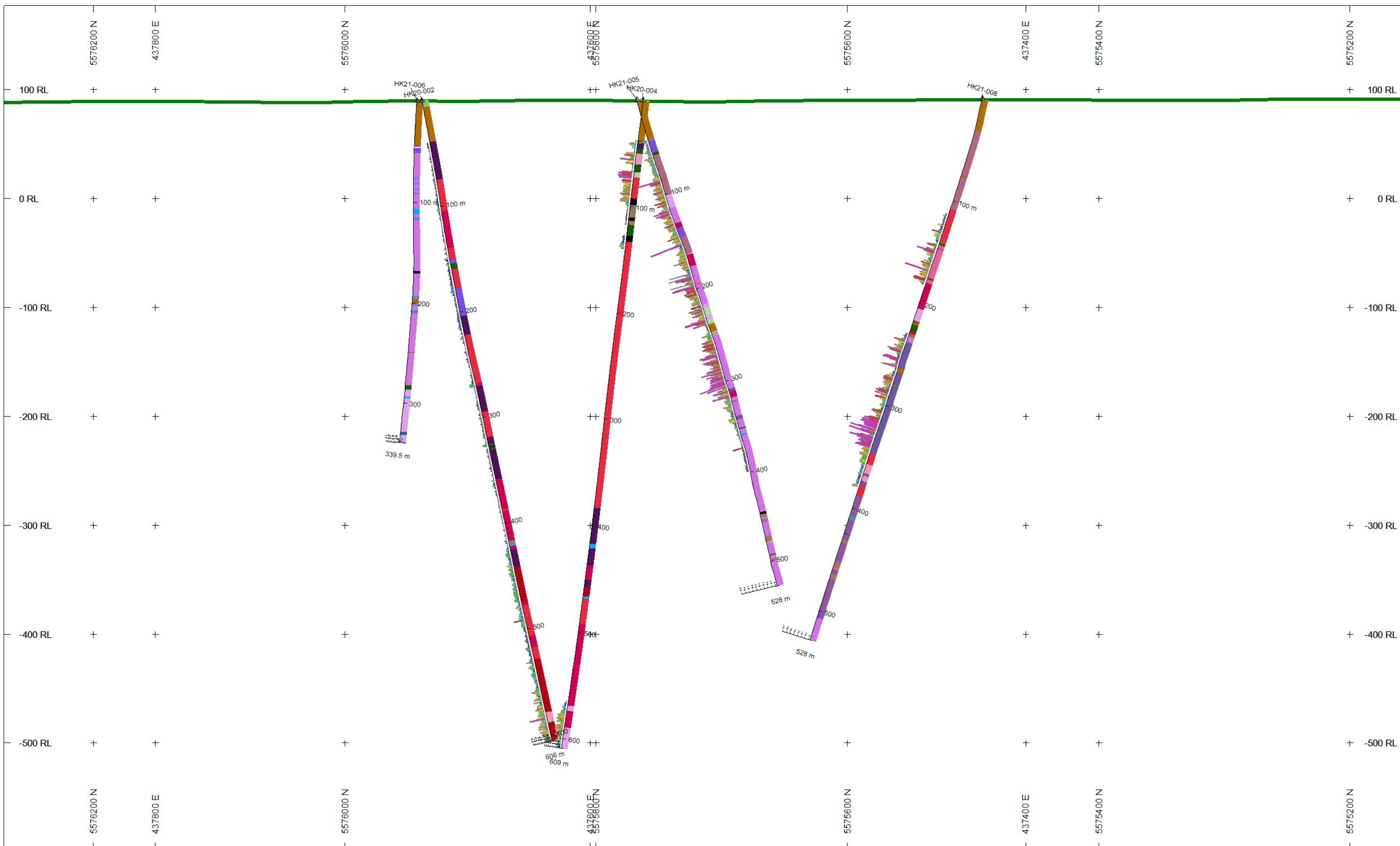
VR Resources Ltd
H-K Property
Nb2O5 Mineralization
at Margin of Gravity Target



HOLES PLOTTED

TOTAL 5

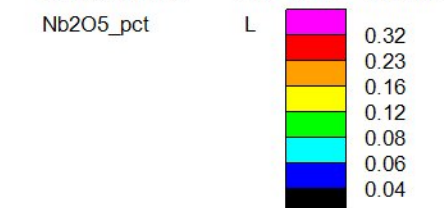
HK20-002 HK20-004 HK21-005 HK21-006
 HK21-008



TOPOGRAPHY

GL200086_DEM.grd

BAR GRAPHS L/R COL RANGE



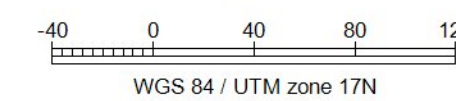
ROCK CODES	PAT	LABEL	PAT	LABEL
Lithology	Green	Qmg	Dark Blue	HKphs-CK-bx
	Brown	Qbt	Pink	HKphs-K-bx
	Dark Green	Late Lamp	Light Pink	HKphs-K
	Light Green	HKlp2	Light Purple	HKsy-pbx
	Dark Green	HKlp1	Light Purple	HKsy-p
	Light Green	Int3	Yellow	HKkurt-bx
	Red	HT2	Blue	HKsv-mag
	Dark Green	HT4	Light Blue	HKsv
	Black	FBx	Red	HKmz-bx
	Dark Blue	HKsv-bx-g	Red	HKmz
	Light Blue	HKlamp	Pink	HKsy
	Dark Blue	HKsybt	Yellow	HKkurt
	Red	HKkp	Dark Purple	HKij
	Dark Green	HKbtbx	Dark Purple	HKex
	Light Green	HKphs-Na-bx	Dark Green	HKmbx
	Light Green	HKphs-Na		

SECTION SPECS:

REF. PT. E, N 437546 m 5575711 m
 EXTENTS 1294 m 774.6 m
 SECTION TOP, BOT 177.5 m -597.2 m
 TOLERANCE +/- 195.5 m

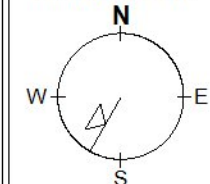
SCALE 1 : 3000

(m)



WGS 84 / UTM zone 17N

AZIMUTH = 210°



VR Resources Ltd
H-K Property
Nb2O5 Mineralization
at Margin of Gravity Target

Lithology Code List

Code	Description
Qmg	Muskeg
Qmc	Marine Clay
Qbt	Boulder Till
Qst	Sandy Till
Qct	Clay Till
Late Lamp	Late Lamprophyres. green amygdular and biotite phyric
HKlp2	Late Syenite porphyry
HKlp1	Late Syenite porphyry 2 - accicular feldspar and agglomeritic texture with hematite stain.
Int3	Intrusive 3
HT1	Hydrothermal 1
HT2	Hydrothermal 2
HT3	Hydrothermal 3
HT4	Hydrothermal 4
HKmbx	Late Magmatic breccia with mafic matrix including fragments of sovite, altered urtite, neph monz etc
FBx	Fault Breccia
HKsv-bx-g	Grey sovite breccia that cross cuts white sovite, sy-p, monzsy, and early lamp. usually planar contacts and medium grain flow foliated
HKlamp	Biotite phyric caelite rich lamprophyre
HKsybt	fine grained biotite phyric syenite. felty to hypidiomorphic in equigranular nepheline and biotite rich intrusive. altered
HKkp	Alkali Feldspar Porphyry. observed as finger dykes in phoscorite.
HKbtbx	Magmatic hydrothermal breccia with moderate to intense biotite rich matrix accessory magnetite and pyrite, local apatite gradational to carbonate. Can have fragments of alkali feldspar syenite porphyry
HKphs-Na-bx	Phoscorite Breccia - phoscorite matrix and nepheline monzosyenite fragments
HKphs-Na	Sodic phoscorite with Apatite-calcite matrix. coarse prismatic augite-aegerine altered biotite and hornblende.
HKphs-CK-bx	Calcic phoscorite vein breccia
HKphs-K-bx	
HKphs-K	Phoscorite - Apatite - magnetite + accessory silicates
HKsy-pbx	Nepheline syenite
HKsy-p	Nepheline Syenite Porphyry, can be altered. has phenocrysts of feldspar, foid, biotite in fine grain matrix.
HKsv-mag	Magnetite and pyrite rich sovite. coarse grained calcite with anhedral to subhedral hexagonal magnetite crystals with interstitial pyrite locally
HKsv-bx	White Sovite breccia dominating
HKsv	Sovite
HKmz-bx	Nepheline Monzosyenite - intrusive breccia
HKmz	Nepheline Monzosyenite - porphyritic fine grain to aphanitic, more mafic than nepheline syenite
HKsy	Nepheline Syenite
HKurt-p	Urtite porphyry with fragments of altered urtite and 1cm nepheline phenocrysts. sodic altered in 009
HKurt-bx	Intrusive breccia of nepheline rich urtite dykes into variety of

HKurt	Fine to coarse grain pinkish green massive rock with typically fine grain off-white minerals: fluorapatite (orange glowing and heterogeneous), nepheline?, and fine green replacement of interstitial and interconnecting mafic minerals. unit is weakly fizzyHKsv-m
HKij	ljolite - nepheline < pyroxene medium grain unit
HKmlg	Malignite - Mafic end-member to Syenite. macrocrystic
HKpyx	Pyroxenite
HKex	Essexite - Nepheline monzongabbro. relict olivine

Rock Unit Code List

S6	Massive limestone
S7	Coarse fossil limestone
S8	Calcareous mudstone
S9	Dk grey crinoid dolostone
S10	Massive dolostone
S11	Laminated limestone
HBX	Hydrothermal breccias
V9	Felsic dykes
V6	Mafic dykes; cross cutting, basaltic-andesite
P2	Intermediate porphyries
NR	Nothing Recorded
NA	No Rock/Late Cover
HT1	quartz vein/replacement (identified as lithology when > 100 cm, otherwise noted in comments)
HT2	quartz-carbonate vein/replacement (massive white to white quartz and pink or white calcite, yellow sericite, ivory ankerite veining, carbonate comprised at least 5% of vein)
HT3	quartz-silicate vein/replacement (quartz-tourmaline; often occurring as hard, dark-grey veinlets)
HT4	quartz-sulphide vein/replacement
HT6	Hydrothermal replacement (quartz veining is greater than 50% and any clasts present have been largely replaced by silica)
HT7	Dense vein stockwork (quartz veining is greater than 25%)
HT8	Siliceous zone
HT9	massive sulphide
I2	Granophyre/microgranite (significant body of fg felsic intrusive)
I3	Granite (qtz, plag, Kspar, and minor bt+hbl)
I4	Monzogranite/quartz syenite (granite with Kspar dominant)
I5	granodiorite (mainly feldspars and quartz, bt +/- hbl up to 5-15%)
I7	Syenite (granodiorite but alkali feldspars dominant)
I8	Diorite
I9	Syenodiorite (potassic diorite)
I10	Gabbro
P1	Felsic porphyries
S1	Limestone
S2	Dolostone
S3	conglomerate
S4	Sandstone/arenite (fine- to coarse-grained); S4gwy - greywacke

S5	Mudstone/siltstones/pelites (including calcareous)
VBx	Volcanic breccia
V2	Felsic volcanic rocks (Rhyolite, Ryodacite, Dacite; silica content > 63%; pyroclastic)
V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%); pyroclastic
V8	Mafic volcanic rocks (basaltic-andesite, basalt; silica content 45-57%)

Lithology Textures

fol	foliated	fz	fault zone
xbl	crystalloblastic (thermally metamorphosed, med to eq growths)	gbd	graded bedding
pbl	porphyroblastic	ibd	interbedded
sx	schistose	ineq	inequigranular
shr	sheared	lam	laminated
mig	migmatitic	m	massive
peg	pegmatitic	mss	matrix supported
gs	gneissic	ool	oolitic
abx	autobreccia	plw	pillowed
amy	amygdaloidal	por	porphyritic
aph	aphanitic	qtze	quartz eye
bd	bedded	ss	soft sediment structures
bx	brecciated	vcl	volcaniclastic
crn	crenulated	vg	vuggy
csp	clast supported	vsc	vescicular
dk	dike	wrc	contains wallrock clasts
eq	equigranular	ws	well sorted
fb	flow banded	xbd	cross-bedded
fbx	flow breccia/hyaloclastite	xnl	with xenoliths
frag	fragmental	clv	cleavage
fs	fossiliferous	lpt	lapilli tuff
		lt	lithic tuff
		at	ash tuff
		fm	fiamme

Alteration Facies

Fenite	Pervasive destructive biotite +- magnetite around Sovite
Inner-Pot	Ksp + Bt + Mt with local
Outter-Pot	Bt + Mt replacement
Sil-Sodic	Silicification with sodic amphibole
Sodic	Sodic amphibole/clinopyroxene replacement
CCC	Carb Clay Calcite
Arg	supergene argyllic
disProp	distal propylitic
Calcic-Pot	Sodic amphibole/pyroxene-biotite-magnetite



Alteration Mineral Codes

Code	Description	Code	Description
ep	epidote	al	alunite
spc	specularite	ad	adularia
hem	hematite	bt	biotite
sil	silica	cl	clay
mag	magnetite	cal	calcite
ser	sericite	ab	albite
act	actinolite	plg	phlogopite
Si	silica flooding	scp	scapolite
lim	limonite	jar	jarosite
GL	glassy limonite	ank	ankerite
anh	anhydrite	py	pyrite
carb	carbonate	Sod	ab-qz-hm
jsp	jasperoidal	sb	shreddy biotite
chl	chlorite	gnt	garnet
goe	goethite	ksp	K feldspar
ox	oxides		

Alteration Form Codes

Code	Description
F	fracture-controlled
L	acid-leached
OS	open-space crystallization
C	clots
Rv	vein associated replacement
By	blotchy
Pchy	patchy
V	filling vugs
Rm	mottled replacement
Rmx	rock matrix replacement
Rc	clast replacement
Rp	pervasive replacement
D	disseminated
Str	stringers
Rx	phenocryst replacement

Mineralization Mineral Codes

Code	Description	Code	Description
mal	malachite	au	visible gold
sulf	sulfosalts	py	pyrite
aspy	arsenopyrite	sph	sphalerite
CuOx	copper oxides	pyar	pyrargite
cry	chrysocola	cc	chalcocite
tnt	tennantite	mo	molybdenite
bn	bornite	az	azurite
fbg	friebergite	ttr	tetrahedrite

Alteration Intensity Codes

Code	Description
4	moderate
3	weak to moderate
2	weak
6	strong
1	trace
5	moderate to strong

Mineralization Form Codes

Code	Description	Code	Description
C	clots	cl	clot
Vs	vein selvages	F	fracture coating
A	aggregates	Vd	disseminated in veins
NR	Nothing Recorded	Rm	mottled replacement
Vb	banded in veins	D	disseminated
Str	stringers	Rmx	matrix replacement
B	banded	Bl	blebs
DN	dendritic	Blv	blebs in veins
Rx	phenocryst replacement		
Rp	pervasive replacement		
V	veins		
Rc	clast replacement		
OS	open space crystallization		

Mineralization Intensity Codes

Code	Description
1	traces
2	<0.5%
3	0.5-2.0%
4	2.0-5.0%
5	5.0-10.0%
6	10.0-20.0%
7	>20.0%

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-001

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Timmins Warehouse & Storage Core Size: NQ
 WGS84 Zone 17N UTM E 438,017 Azimuth: 15
 UTM N 5,575,334 Dip: -64

Contractor: Downing Estate
 Start: 09/26/2020
 Finish: 09/30/2020
 Claim: 543637 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK20-001	0	6	Qmg	NA				Fr	no recovery; 57 cm boulder of pale grey to white, fine grained, low mafic content granite gneiss with faint gneissic banding
HK20-001	6	12	Qbt	NA	fol		Bl	H2O	30% recovery of poorly indurated organic-rich indurated mud, progressively darker colour to black at base, vitrous in lowest part
HK20-001	12	47.8	Qst	NA		Very Fine	Gy	Ox	90-100% recovery of even medium grey pebble to cobble lodgement till; highly indurated, no layering or stratification in consistent sandy-silty matrix, same appearance from the top to the bottom, unsorted, pebbles & cobbles are exclusively rounded, <10% of till and from mm- to cm-scale but no greater than 5-7 cm with 1mst > granite gneiss > ?H-K ijolite breccia
HK20-001	47.8	52.1	HKij	I9	frag	Medium	Gy	Tr	broken core up to 5-7 cm pieces; +- 70% recovery; light grey, medium grained, hypideomorphic and even textured phonolite with blocky feld (ortho), cpx, bi; no mt response; neph is not obvious; similar texture and lithology in phonolite dyke at 175m depth in core. broken core from abundant down core axis calcite veins; mottled red colour on overall very dark grey groundmass colour from 0.5-2cm nepheline grains; no Fl, weak to no mt
HK20-001	52.1	54.2	HKmz	I9	bx	Fine	Cr	Ox	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	54.2	60.5	HKij	I9	eq	Medium		Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	60.5	60.7	HKmz	I9				Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	60.7	63.8	HKij	I9	eq	Medium		Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	63.8	64.3	HKmz	I9	por	Fine	Gy	Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-001	64.3	65	HKij	I9	eq	Medium	Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	65	65.7	HKmz	I9			Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	65.7	82	HKij	I9	eq	Medium	Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	82	90	HKmz	I9			Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	90	94.5	HKij	I9	eq	Medium	Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	94.5	95.3	HKmz	I9			Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	95.3	110.8	HKij	I9	eq	Medium	Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	110.8	112.8	HKmz	I9			Fr	light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	112.8	119	HKij	I9	eq	Medium	Fr	generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-001	119	125.8	HKmz	I9				light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	125.8	128	HKij	I9	eq	Medium		123-128: strong pinkification from cm-scale hematite patching which overprints "contact" from phonolite to ijolite generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	128	131	HKmz	I9				light brown to dull brown porphyritic phonolite dyke with <5%, mm-scale perthite needles and blocky glomerocrysts and lesser equant cpx micro-phenocrysts; ?ellipsoidal calcite void fills; deep red-brown on fresh suggests groundmass = mainly micro-crystalline neph-cpx-bi, perhaps mostly neph; bounding ijolite is generally more magnetic and has more carbonate in the groundmass
HK20-001	131	136.5	HKij	I9	eq	Medium		generally mottled to red-spotted dark grey colour from 0.5-1cm red nepheline "phenocrysts" in f.gr. dark groundmass of ?cpx/bi; generally equigranular and sub-hypideomorphic; textural modification and/or destruction by alteration is present in every row of every box (compare to even medium grey colour and sharp euhedral hypideomorphic textures from 175-200m downward in the drill hole); pinkified feldspar and/or nepheline from hematite is common, forming pale orange-red "patches" on a cm-scale; generally weakly magnetic; generally weakly reactive to acid from 1-10% carbonate interstitial in groundmass; alteration banding and/or magmatic crystal segregation banding is common,
HK20-001	136.5	176	HKmz	I9	por			this is the first appearance of "less altered" and more homogeneous than upper part of hole from 45 - 136.5m where distinction of ijolite and phonolite phases is nearly completely destroyed by intense alteration, pervasive carb-FI veins with bi and hb selvage, and solid mt replaement seams in contact zones
HK20-001	176	191	HKij	I9				dark red colour distinction of ijolite compared to lighter brown phonolite because of hematite alteration of perthite and nepheline pheno's in crystalline groundmass. Hypideomorphic textures much more obvious, much better preserved than ijolite from 45 - 136.5 m because of a lack of alteration in the drill hole after the two faults at 113 and 140m
HK20-001	191	225.2	HKmz	I9				transition downwards in hole from "dirty red brown", fine grained and equigranular ijolite with no megacrysts but some hematite splotching to phonolite with an increasingly aphanitic groundmass and increasinly more "penocrysts" of both bladed and blocky glomerocryst perthite and cpx, and occurrence of cm-scale inclusions of coarser grained ijolite in phonolite groundmass
HK20-001	225.2	297.1	HKij	I9				consistent and even medium grey, medium grained and unaltered kitchen counter top ijolite, with sharp "salt and pepper texture" from euhedral crystals in hypidiomorphic texture; weak to moderate mt response is consistent; weak but consistent reaction to acid = 1-10% carbonate interstitial in groundmass
HK20-001	297.1	299	HKsy	I7				transition downwards in hole from "dirty red brown", fine grained and equigranular ijolite with no megacrysts but some hematite splotching to phonolite with an increasingly aphanitic groundmass and increasinly more "penocrysts" of both bladed and blocky glomerocryst perthite and cpx, and occurrence of cm-scale inclusions of coarser grained ijolite in phonolite groundmass
HK20-001	299	300.7	HKij	I9				consistent and even medium grey, medium grained and unaltered kitchen counter top ijolite, with sharp "salt and pepper texture" from euhedral crystals in hypidiomorphic texture; weak to moderate mt response is consistent; weak but consistent reaction to acid = 1-10% carbonate interstitial in groundmass
HK20-001	300.7	302	HKsy	I7				transition downwards in hole from "dirty red brown", fine grained and equigranular ijolite with no megacrysts but some hematite splotching to phonolite with an increasingly aphanitic groundmass and increasinly more "penocrysts" of both bladed and blocky glomerocryst perthite and cpx, and occurrence of cm-scale inclusions of coarser grained ijolite in phonolite groundmass

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-001	302	346.8	HKij	I9				Fr	consistent and even medium grey, medium grained and unaltered kitchen counter top ijolite, with sharp "salt and pepper texture" from euhedral crystals in hypidiomorphic texture; weak to moderate mt response is consistent; weak but consistent reaction to acid = 1-10% carbonate interstitial in groundmass
HK20-001	346.8	348	HKsy	I7				Fr	transition downwards in hole from "dirty red brown", fine grained and equigranular ijolite with no megacrysts but some hematite splotching to phonolite with an increasingly aphanitic groundmass and increasingly more "phenocrysts" of both bladed and blocky glomerocryst perthite and cpx, and occurrence of cm-scale inclusions of coarser grained ijolite in phonolite groundmass
HK20-001	348	351	HKij	I9				Fr	consistent and even medium grey, medium grained and unaltered kitchen counter top ijolite, with sharp "salt and pepper texture" from euhedral crystals in hypidiomorphic texture; weak to moderate mt response is consistent; weak but consistent reaction to acid = 1-10% carbonate interstitial in groundmass

HK20-002

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker

Core Storage: Timmins Warehouse & Storage Core Size: NQ

WGS84 Zone 17N UTM E 437,627 Azimuth: 165

UTM N 5,575,968 Dip: -75

Contractor: Downing Estate

Start: 10/01/2020

Finish: 10/07/2020

Claim: 543642 (100% VR Resources)

Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK20-002	0	6	Qmg	NA				H2O	couple feet of swampy mush followed by gravel and boulders in muck
HK20-002	6	39.3	Qbt	NA				H2O	
HK20-002	39.3	45	HKex	I10				Ox	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002	45	75	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002	75	105	HKmz-bx	I10				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.
HK20-002	105	140	HKmz	I10				Fr	green-grey phonolite with fine grain biotite and calcite, augite? local zones of very large biotite phenocrysts around 120m and 135m. large plates and sometimes a grain of ripped up magnetite
HK20-002	140	151	HKmz-bx	I10				Fr	very chaotic phonolite breccia into ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002	151	154.4	HKij	I9				Fr	Typically looks fine-grained with patches of coarse-grained equigranular patches. Fine-grained areas might be due to alteration rather than primary textural changes. The rock is generally green in colour with areas of black.
HK20-002	154.4	159.6	Late Lamp	V8			Mr	Fr	very fresh looking green and red lamprophyre. fine grain to aphanitic with biotite dusting and locally large phenos and amygdales with calcite. crossed by deep orange carbonate veins and open space fills
HK20-002	159.6	178	HKmz-bx	I9			Bl	Fr	very chaotic phonolite breccia into ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002	178	195	HKij	I9	dk			Fr	ijolite with many phonolite dykelets entering at higher core angles, not more than 40cm
HK20-002	195	204	HKij	I9				Fr	Typically looks fine-grained with patches of coarse-grained equigranular patches. Fine-grained areas might be due to alteration rather than primary textural changes. The rock is generally green in colour with areas of black.
HK20-002	204	222	HKex	I10	dk			Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002	222	268	HKmz-bx	I10	dk			Fr	very chaotic phonolite breccia into ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002	268	270.8	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-002	270.8	295	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002		295	HKmz-bx	I10				Fr	very chaotic phonolite breccia into Ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002		319	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002		325.2	Late Lamp	I9				Fr	very fresh looking green and red lamprophyre. fine grain to aphanitic with biotite dusting and locally large phenos and amygdales with calcite. crossed by deep orange carbonate veins amd open space fills
HK20-002		327.2	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002		329	Late Lamp	I9				Fr	very fresh looking green and red lamprophyre. fine grain to aphanitic with biotite dusting and locally large phenos and amygdales with calcite. crossed by deep orange carbonate veins amd open space fills
HK20-002		331.4	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002		359	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.
HK20-002		387	HKmz-bx	I10				Fr	very chaotic phonolite breccia into Ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002		389	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic
HK20-002		417	HT4	I10				Fr	Zone of pale breccia and increased lithium grade. Pale plue grey angular fragments
HK20-002		421.1	HKsv	HT6				Fr	calcite dyke
HK20-002		422.2	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.
HK20-002		425.2	HKex	I10				Fr	green chlorite altered essexite with many intrusions of phonolite dykes no more than 40cm. core angles vary from 30 to 80. dykes are sometimes very fine aphanitic and black other times there are many large biotite phenocrysts at 222m
HK20-002		442	HT2	HBX				Fr	broad vein breccia zone, dark coloured from chlt, and very chaotic from down-axis carbonate veins; hyd shatter textures locally; fragments are variations from white to brown sovite cemented in a groundmass of carbonate, fluorite and chlt; rare open space; no sulfide
HK20-002		475	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.
HK20-002		478	HKmz-bx	I10				Fr	very chaotic phonolite breccia into Ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002		507	HKmz	I9				Fr	transition into blocky magmatic-hydrothermal breccia below essexite with angular sovite infilling. fine grain to locally aphanitic phonolite blocks among essexite blocks and soon just intensely altered phonolite with many sovite dykelets.
HK20-002		518	HKmz-bx	I10				Fr	very chaotic phonolite breccia into Ijolite with angular clasts of medium grain ijolite, sovite and possibly essexite with many cross cutting veins. blocks are 1-8cm in size
HK20-002		529	HT2	HBX				Fr	broad vein breccia zone, dark coloured from chlt, and very chaotic from down-axis carbonate veins; hyd shatter textures locally; fragments are variations from white to brown sovite cemented in a groundmass of carbonate, fluorite and chlt; rare open space; no sulfide
HK20-002		579	HKphs-K	HBX				Fr	Phoscorite - apatite-magnetite hydrotherally cemented breccia with pink apatite matrix and needles of magnetite. At margins and in seams throughout are very coarse euhedral magnetite , grey nepheline? and phlogopite.
HK20-002		588.75	Late Lamp	I9				Fr	very fresh looking green and red lamprophyre. fine grain to aphanitic with biotite dusting and locally large phenos and amygdales with calcite. crossed by deep orange carbonate veins amd open space fills
HK20-002		589.9	HT2	HBX				Fr	broad vein breccia zone, dark coloured from chlt, and very chaotic from down-axis carbonate veins; hyd shatter textures locally; fragments are variations from white to brown sovite cemented in a groundmass of carbonate, fluorite and chlt; rare open space; no sulfide

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-003

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker

Core Storage: Timmins Warehouse & Storage Core Size: NQ

WGS84 Zone 17N UTM E 438,012 Azimuth: 335

UTM N 5,575,337 Dip: -65

Contractor: Downing Estate

Start: 10/08/2020

Finish: 10/12/2020

Claim: 543637 (100% VR Resources)

Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK20-003	0	42.35	Qbt	NA					grey pebble to cobble lodgement till; highly indurated, no layering or stratification in consistent sand-silt matrix; 50 cm's in core box; contact with bedrock is sharp, clean, with a fine, dark mud for 5 cm's at base of till / top of bedrock
HK20-003	42.35	62.2	HKij	I10			Rd		ijolite; variably magnetic; reaction to HCL present but weak; hematite-altered nepheline forms bright spotted texture; hematite alteration of groundmass transforms hypidiomorphic texture to even, dense, dark brick red core; blocky, milky grey perthite pheno's evident in least-altered, dull grey ijolite with no secondary iron, with phenos 2-7 mm and 1-20% of ijolite
HK20-003	62.2	63.8	HKmz	I8	por		Bn		dull brown feld needle porphyritic phonolite; even textured, feld < 10 mm and <10% of rock; no reaction to HCL; mt in rare pockets in altered sections
HK20-003	63.8	65.3	HKij	I10			Rd		red-spotted ijolite from hematite alteration of nepheline crystals; clay-chlt breakdown of core
HK20-003	65.3	84.2	HKmz	I8	por		Bn		dull brown phonolite
HK20-003	66.8	70.2	HKij	I10			Rd		red, iron-stained ijolite zone within phonolite; contacts fairly sharp, but dyke contact vs. alteration change is not clear
HK20-003	84.2	85.7	HKmz	I8	por		Rd		mix of red-stained ijolite and dull grey brown phonolite; contacts obscured by iron-overprint alteration, and broken nature of core due to chlt fct
HK20-003	85.7	91.6	HKij	I10			Gy		grey ijolite with perthite pheno's in mottled groundmass is more abundant than iron-stained ijolite with hematite altered nepheline pheno's
HK20-003	91.6	92	HKmz	I8	por		Gy		grey phonolite with feld needles
HK20-003	92	113	HKij	I10			Rd		variably iron-stained groundmass and hematite-altered nepheline producing bright, spotted texture
HK20-003	113	125.2	HKmz	I8	por		Rd		red to grey, feldspar needle phonolite porphyry, plus or minus blocky perthite pheno's, plus or minus scattered calcite amygdules;cm-scale, dark grey to black, fine grained alteration colour blotches = ?bi
HK20-003	125.2	127.5	HKij	I10			Gy		grey ijolite with only minor iron-staining
HK20-003	127.5	132.2	HKmz	I8	por		Gy		dull grey to pale brown phonolite with feld needle pheno's
HK20-003	132.2	136.5	HKmz	I8	por		Br		dirty, dark brown phonolite
HK20-003	136.5	144	HKmz	I8	por		Gy		pale grey phonolite, blocky feldspar pheno's sometimes present
HK20-003	144	155.5	HKmz	I8	por		Br		brown phonolite
HK20-003	155.5	164	HKmz	I8	por		Br		mixed brown phonolite and grey to red, hypidiomorphic ijolite; contacts sharp and gradational from ?alteration overprint
HK20-003	164	211.5	HKij	I10			Gy		ijolite, transitional to phonolite: variable dull grey to dull brown; 10% blocky, cloudy perthite pheno's in aphanitic to micro-hypidiomorphic groundmass; red iron stained nepheline pheno's not as common as in traditional ijolite; brown bi pheno's locally (?phlog); no amygdules; feldspar needle micro-pheno's generally absent; segregation of phenocrysts into compositional bands locally; mt is normally responsive
HK20-003	211.5	218.5	HKij	I10			Gr		crowded ijolite porphyry, with 20-30%, 1-2cm lath-shaped feldspar phenocrysts set in a nearly aphanitic and very dark grey groundmass; scattered 5-10 mm ?nepheline pheno's stained with iron; cpx sometimes evident in groundmass on the ends of core pieces; black chlt on fct
HK20-003	218.5	271	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-003	271	273.2	HKij	I10			Br		section of dull brown coloured ijolite, with loss of crowded perthite texture, and weak clay development and degradation of core
HK20-003	273.2	299.4	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	299.4	302	HKmz	I8	por		Mr		dirty red brown phonolite; aphanitic with feld needle micro-pheno's and extensive iron remobilization (colour banding and blotching with textural destruction)
HK20-003	302	307.6	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	307.6	308	HKmz	I8	por		Tn		buff phonolite porphyry with <10%, <10mm feldspar lath phenocrysts and dark purple, soft, large blocky pheno's which are ?flourite replacing perthite; this dyke has carbonate veins with open space at both upper and lower contacts with ijolite; no mt response; no HCL response
HK20-003	308	312	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	312	315.7	HKmz	I8	por		Gy		dark chlt fct on on upper contact with ijolite; lower contact = fluorite-carbonate cemented crackle breccia with chlt fct and carbonate cement in down-axis veins
HK20-003	315.7	321.7	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	321.7	329.9	HKmz	I8	por		Wt		distinctive bleached phonolite; unusual colour and textural destruction = intense alteration and stripping of iron; feld needle micro-pheno's still visible in aphanitic groundmass; strange iron sperules at one dyke margin.
HK20-003	329.9	353.9	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	353.9	354.8	HKmz	I8	por		Cr		hydrothermal breccia with shatter and mosaic texture, and clay component in carbonate cement that degrades core; the breccia is cemented by carbonate, and breccia clasts within the breccia are also cemented by carbonate; no mt or sus
HK20-003	354.8	401.8	HKij	I10			Gy		long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	401.8	402	HKmz	I8	por		Cr		bleached buff to pale grey colour, and even textural destruction of any pheno's or amyg; carbonate veins at dyke margins

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-003	402	403.5	HKij	I10						long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.
HK20-003	403.5	403.7	HKmz	I8	por				Cr	bleached buff to pale grey colour, and even textural destruction of any pheno's or amyg; carbonate veins at dyke margins
HK20-003	403.7	405	HKij	I10					Gy	long interval of consistent, dark grey, crowded perthite porphyry ijolite with no phonolite, no iron staining, no chlt fct rubble rock, and very limited veining and dyking: mt response is low but fairly consistent; reaction to HCL is low; colour is even dull to dark grey; core recovery and core integrity is very high; fine-grained micro-pheno's of red-stained nepheline are visible in micro-hypidiomorphic to aphanitic groundmass; perthite is cloudy, a mix of milky greys, pinks and reds, with blocky crystals more common than lath-shaped, and generally <10mm.

HK20-004

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Timmins Warehouse & Storage Core Size: NQ
 WGS84 Zone 17N UTM E 437,688 Azimuth: 335
 UTM N 5,575,698 Dip: -78

Contractor: Downing Estate
 Start: 10/13/2020
 Finish: 10/18/2020
 Claim: 543642 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK20-004	0	1	Qmg	NR				Ox	
HK20-004	1	37.8	Qbt	NR				Ox	
HK20-004	37.8	40.3	Late Lamp	V6	vsc	Very Fine	Gr	Ox	fiarly well indurated core pieces dm's in size of even and very dark chocolate brown, fine-grained to aphanitic lamprophyre; weathering is an clay supergene alteration with clacite veining and amygdules by calcite, some discernable cpx-nepheline aggregates; no mt response; no response to acid; near-100% recovery within a few meters of the till contact;
HK20-004	40.3	45.12	HKex	I10	por	Fine	Br	Ox	dirt brown regolith development on essexite, with total destruction of grain texture, and core induration degradation
HK20-004	45.12	49.8	Late Lamp	V6	vsc	Very Fine	Gr	Ox	amygdular lamprophyre dyke with very fine biotite in green aphanitic groundmass. calcite veins cross cutting. faulted and calcite-clay altered contacts at top and bottom are low angle
HK20-004	49.8	60.21	HKphs-K	I4			Pk	Fr	Phoscorite - apatite-magnetite hydrotherally cemented breccia with pink apatite matrix and needles of magnetite. At margins and in seams throughout are very coarse euhedral magnetite , grey nepheline? and phlogopite.
HK20-004	60.21	67.23	Late Lamp	V6			Gr	Fr	amygdular lamprophyre dyke with very fine biotite in green aphanitic groundmass. calcite veins cross cutting. faulted and calcite-clay altered contacts at top and bottom are low angle
HK20-004	67.23	68.75	HKphs-K	I4		Coarse	Pk	Fr	phoscorite continued after lamprophyre dyke. Less apatite with needle magnetite, coarse nepheline-magnetite-biotite on yellowish vein margins 3cm finger dykes of pink sub-cm euhedral Kspar in dark black matrix
HK20-004	68.75	72.3	HKphs-Na-bx	I4	bx	Coarse	Mr	Fr	phoscorite brecciation of Phonolite with wall rock clasts, stockwork veins of phoscorite. large biotite growing perpendicular to margin in yellowish matrix of dolo/ankerite? not apatite. More finger dyke zones of pink euhedral Kspar phenos in black matrix. "pinkified"
HK20-004	72.3	92.2	HKmz-bx	I4	dk	Coarse	Br	Fr	Phonolite dyke swarm and intrusive breccia of wall rock essexite with lobate margins meaning the essexite was still hot!. variably textured zone of coarse hyd bi and mt in carbonate "vein" material; fluorite is present but minor; reaction to HCL is consistent on fct but not throughout groundmass; mt response focuses on cm-scle mt clots and seams mostly associate with coarse hyd bi, as opposed to even dissemination; coarse hyd bi is replaced by phlog and by cpy; colour variation from deep red brown to pale grey - powder blue; local aphanitic groundmass combined with clay degradation marginal zones = ? phonolite dyke origin, overprinted by hydrothermal veins with high temp. potassic mineral assemblage.

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-004	92.2	98.4	FBx	HBX	bx	Coarse	Or	Fr	heterolithic in nature at centre. rounded neph-monz fragments in hanging wall, small Kspar fragments at centre, and subangular to rounded syenite porphyry fragments at foot wall. clasts range from 0.5 to 25cm with average of 2-3cm. matrix of annealed rock flour with local calcite as interstitial cement, also zones of ankerite away from centre. some syenite porphyry clasts have bleached rims, biotite neph-monz is untouched.
HK20-004	98.4	110.07	HKlp2	I7	por	Fine	Gy	Fr	fine grain phenos of feldspar and biotite in aphanitic pinkish grey intermediate groundmass. anhedral to euhedral tabular feldspar with locally preserved zoning, predominantly clay altered. biotite are quite altered and can look green, are bent and folded in places with dominant intrusive flow lineation along core axis. locally crackle brecciated with calcite-ankerite infill near upper fault boundary. Xenolith of 2-3mm grained granitoid with QUARTZ
HK20-004	110.07	113.35	FBx	HBX	bx	Coarse	Or	Fr	heterolithic crackle breccia to locally milled and subrounded late porphyry. local angular fragments of coarser granitoid unit
HK20-004	113.35	117.15	HKlp2	I7	por	Fine	Gy	Fr	fine grain phenos of feldspar and biotite in aphanitic pinkish grey intermediate groundmass. anhedral to euhedral tabular feldspar with locally preserved zoning, predominantly clay altered. biotite are quite altered and can look green, are bent and folded in places with dominant intrusive flow lineation along core axis. locally crackle brecciated with calcite-ankerite infill near upper fault boundary.
HK20-004	117.15	127.19	Late Lamp	V6	vsc	Fine	Gr	Fr	amygdular lamprophyre dyke with very fine biotite in green aphanitic groundmass. calcite veins cross cutting. faulted and calcite-clay altered contacts at top and bottom are low angle
HK20-004	127.19	133	FBx	HBX	bx	Fine	Rd	Fr	distinctive pale grey to creamy coloured hydrothermal shatter breccia, with mm-cm scale, irregular shaped and locally puzzle-shard arranged fragments of vari-coloured chalcedonic silica set in a pale grey to white carbonate matrix with possibly some fluorite; colloform banding of silica evident locally; non visible py; no bright red iron carbonate; local clay degradation of core
HK20-004	133	331	HKmz-bx	I10	bx		Rd	Fr	Felsic veins within a nepheline monzosyenite dyke swarm. variations on deep maroon red to dark grey to very dark grey to almost flat charcoal black, fine grained and dense, mt-sulfide replacement breccia of fine-grained to sub-crystalline mt and variable sus (?bn>cpx>py) set in carbonate and lesser fluorite; the pale grey to power blue-grey breccia with coarser grained sulfide and more bi/phlogipite and carbonate is less abundant now than it was in the upper 80 m of the hole compared to the mt-rich variety of replacement rock which is dominant lower in hole; these breccias are not easy because of their fine grain size and dark colour, and variations from complete replacement to ?relict essexite hypidiomorphic textures including cpx micro-pheno's and slightly larger, circular olivine pheno's replaced by calcite, and an overall lack of any mt response whatsoever
HK20-004	331	383	HKmz-bx	I10				Fr	distinctive red-hued, coarse grained hydrothermal breccia, with mostly 5-20 mm, white to grey sovite and brown-replaced sovite fragments, angular and locally puzzle-shard in arrangement, floating, completely unsorted, in a fine-grained cement of carbonate>fluorite>phlog>sus>mt; reaction to HCL weak but consistent; reaction to mt weak but consistent; f.gr. sus in sovite clasts, and in groundmass as disseminated grains and narrow veinlets; some grains have digested boundaries.
HK20-004	383	416.5	HKex	I10				Fr	zone of variable density of sovite dyklets and broken up dyke blocks in a very dark grey to dark brown, very fine grained ?ijolite with ?relict cpx pheno' textures; textural variations from primary crystallization variations, or alteration banding from introduction of mt and carbonate and fluorite
HK20-004	416.5	420.7	HKsv	I10				Fr	broad zone of sovite dyke and sovite dyke breccia with brown bi-sus clots, fl banding, mt, crosscutting carbonate veinlets with py
HK20-004	420.7	436.7	HKex	I10				Fr	variable dark grey to bleached grey replacement rock of very fine-grained, dense felty rock with weak to moderate mt, consistent Hcl response, common Fl veinlets and sovite blocks; relict cpx and ol phenocrystic essexite textures locally
HK20-004	436.7	450.5	HKmz	I10				Fr	messy section of coarse biotite-bearing, dull grey-green lamp' dyke invaded by sovite dyklets and fl veinlets.; calcite amyg's common; groundmass does not respond to HCL; low mt response
HK20-004	450.5	457.5	HKex	I10				Fr	dull grey, fine grained, variably textured ijolite, from mottled and bleached pale grey to red-hued and spotted with white calcite due to alteration to having relict cpx and perthite pheno's in dark, hypidiomorphic groundmass; lamp' dyke sections intermingled with gradational contacts across zones with dark chlt; local sovite breccia with Fl veins
HK20-004	457.5	466	HT2	HBX				Fr	broad vein breccia zone, dark coloured from chlt, and very chaotic from down-axis carbonate veins; hyd shatter textures locally; fragments are variations from white to brown sovite cemented in a groundmass of carbonate, fluorite and chlt; rare open space; no sulfide
HK20-004	466	468	HKsv	I10				Fr	pale brown LRB section of varying textures related to sovite dyke with fl hosted in dull grey to bleached, aphanitic ? ijolite

VR Resources - H-K Lithology Logs

-Justin Daley



HK20-004	468	492	HKmz-bx	I10					red-hued hydrothermal breccia with mm- cm-scale fragments, mostly sovite, hosted in a red-hued groundmass of carbonate, bi and fluorite and mt; fragments are 20-30% of the breccia, unsorted, some with convolute ingestion margins, others angular; breccia has fragments of sovite but is also intructed by sovite and has recrystallized sovite dykes cutting as well, all indicating polyphase process of multiple dyke, vein and breccia events.
HK20-004	492	531	HKmz	I10					messy, mixed interval of dull grey to bleached fine grained rock believed to be ijolite alternating with bi-bearing lamprophyry; contacts are generally gradational, but can be sharp, and can be related to zones of dark chlt; dm- metre-spaced sovite dyklets and carbonate veinlets are through the interval
HK20-004	531	531.9	HKmz-bx	I10					mt and carbonate altered, fine-grained to aphanitic and mottled grey, very dense ?ijolite with relict perthite phenocrysts
HK20-004	531.9	569	HKmz	I9					HKmz unit with zones of more crowded and larger grey relict feldspar/foid content, moderate replacement by biotite in matrix, cut by large medium grained sovite dykes and slightly later blue-grey py-po rich sovite veins. All this cut by narrow dykes of Neph-syenite porphyry with chilled greenish aphanitic undulose margins moving into core of larger phenocrysts of feldspar.
HK20-004	569	573.9	HKsy-p	HBX					variable perthite spotted and red hued ijolite to dull grey and texture destroyed, to dark grey to black with heavy blk chlt on fracture; moderate to strong mt; weak to moderate HCL; compared to the interval from 490 - 560 m, below the last red hyd breccia, there is now more textural destruction in ijolite from alteration, greater intensity of sovite dykes, deeper red and better developed LRB alteratioan zones peripheral to sovite dykes, more banded sulfide in LRB zones and in quartz-carbonate veins and vein breccia in chlt zones, more fluorite veins and vein breccia zones, more creamy qz-carbonate veins with c.gr. pyrite, and more black chlorite zones commonly with sulfide-bearing white carbonate veinlets and vein breccia, right to the end of the hole.
HK20-004	573.9	589.63	HKmz	I10					HKmz unit with zones of more crowded and larger grey relict feldspar/foid content, moderate replacement by biotite in matrix, cut by large medium grained sovite dykes and slightly later blue-grey py-po rich sovite veins. All this cut by narrow dykes of Neph-syenite porphyry with chilled greenish aphanitic undulose margins moving into core of larger phenocrysts of feldspar.
HK20-004	589.63	609	HKsy-p	I9					variable perthite spotted and red hued ijolite to dull grey and texture destroyed, to dark grey to black with heavy blk chlt on fracture; moderate to strong mt; weak to moderate HCL; compared to the interval from 490 - 560 m, below the last red hyd breccia, there is now more textural destruction in ijolite from alteration, greater intensity of sovite dykes, deeper red and better developed LRB alteratioan zones peripheral to sovite dykes, more banded sulfide in LRB zones and in quartz-carbonate veins and vein breccia in chlt zones, more fluorite veins and vein breccia zones, more creamy qz-carbonate veins with c.gr. pyrite, and more black chlorite zones commonly with sulfide-bearing white carbonate veinlets and vein breccia, right to the end of the hole.

HK20-005

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Otter Rapids Camp Core Size: NQ
 WGS84 Zone 17N UTM E 437,691 Azimuth: 275
 UTM N 5,575,703 Dip: -60

Contractor: Downing Estate
 Start: 09/10/2021
 Finish: 09/16/2021
 Claim: 543642 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK21-005	0	1.5	Qmg	NA				H2O	
HK21-005	1.5	42.37	Qbt	NA				Ox	indurated boulder-pebble till
HK21-005	42.37	44.45	HKbtbx	HBX	bx	Medium fra	Br	Ox	Biotite-rich matrix with heterolithic mm to cm sized angular to subangular fragments of fine grain ijolite from downhole contact, and Kspar porphyry. other fragrnents are possible but unknown. breccia matrix composed dominantly of biotite with lesser magnetite with minor clots of calcite.
HK21-005	44.45	56.41	HKij	I8	eq	Medium	Gr	Tr	Typically looks fine-grained with patches of coarse-grained equigranular patches. Fine-grained areas might be due to alteration rather than primary textural changes. The rock is generally green in colour with areas of black.

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-005	56.41	59.32	Late Lamp	V6	por	Very Fine	Bl	Fr	Very fine-grained black groundmass with fine-grained white phenocrysts.
HK21-005	59.32	60.42	HKkp	P1	por	Very Fine	Bl	Fr	Very fine-grained black groundmass with very coarse-grained subhedral to euhedral pink alkali feldspar phenocrysts. Feldspars are twinned.
HK21-005	60.42	80.75	HKbtbx	HBX	bx	Large fragm	Bl	Fr	Biotite-rich matrix with heterolithic cm sized fragments of nepheline monzosyenite and rare kspar porphyry. Fragments are typically larger.
HK21-005	80.75	84.15	HKbtbx	HBX	bx	Medium fra	Bl	Fr	Biotite-rich matrix with heterolithic mm to 10s of cm sized fragments of nepheline monzosyenite and kspar porphyry. Fragments are angular to rounded.
HK21-005	84.15	84.84	HKlp1	P1	dk	Fine	Bl	Fr	aphanitic syenite porphyry dyke with rusty brown chill margins in magmatic-hydrothermal breccia. may infer that nepheline syenite porphyry is older than the alkali feldspar porphyry that appears fragmented in the breccia
HK21-005	84.84	101.05	HKbtbx	HBX	bx	Medium fra	Bl	Fr	Biotite-rich matrix with heterolithic mm to 10s of cm sized fragments of nepheline monzosyenite and kspar porphyry. Fragments are angular to rounded. large fragment of Kspar porphyry at 86.09 to 86.63 with coarse anhedral to subhedral Kspar phenos in a fine grain grey black matrix, has tan-black stain compared to elsewhere. biotite veins cross kspar porphyry fragment. has variable intensity of biotite and sulfides
HK21-005	101.05	115.12	HKsy-p	V9	por	Coarse	Bl	Fr	black fine grain groundmass with anhedral to subhedral angular phenocrysts (possibly nepheline) that are not homogeneously distributed through the rock and appear to occur in patches although may be an effect of intense alteration. phenocrysts are locally aligned on 30-40 CA.
HK21-005	115.12	130.81	HKsy-pbx	V9	dk	Large fragm	Bl	Fr	10-70cm neph syenite porphyry dykelets with very fine chill margins and sharp contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm that intrude a fine to medium grained black equigranular ljolite with intense disseminated biotite alteration. calcite-biotite veins cut both units. Kspar porphyry from 118.47 to 118.79 also with chilled margin and pinkish colour. Around 128m transition to Neph Monzosyenite which is finegrain black with fine to medium grained phenocrysts variably crowded
HK21-005	130.81	135.81	HKmz	I7	por	Medium	Bl	Fr	Neph Monzosyenite which is finegrain black with fine to medium grained phenocrysts variably crowded,
HK21-005	135.81	145.77	HKij	I8	ineq	Coarse	Bl	Fr	strong biotite alteration and destroyed primary texture. possibly leading into the Btbx below. medium to coarse grain prevasive replacement by calcite-biotite-magnetite and pyrite
HK21-005	145.77	163.32	HKbtbx	HBX	bx	Medium fra	Bl	Fr	VERY INTENSE biotite-magnetite alteration. appears to be magmatic-hydrothermal matrix dominated with local rounded cusplate to sub angular mm to cm scale fragments of siliceous neph syenite porphyry (?) in matrix of medium to coarse grain biotite-magnetite-pyrite-carbonate and in places looks coarser with open-space crystallization. areas of intense magnetite
HK21-005	163.32	164.37	HKsy-p	V9	dk	Medium	Bl	Fr	chilled margins on 1m dyke with fine to medium grained anhedral 1-2mm clusters of nepheline phenocrysts? in fine grain to aphanitic matrix. black with greyish chill margin and sharp contact. cut by calcite biotite veins, but not overly biotite altered.
HK21-005	164.37	176.69	HKmz	I7	por	Medium	Bl	Fr	brownish black very fine grain groundmass replaced by biotite with variably sized phenocrysts that range from very fine grain to almost 1cm of anhedral to euhedral grey sometimes oscillatory zoned nepheline. unit appears to be more intensely biotite altered to downhole contact with sy-porphyry unit.
HK21-005	176.69	194.55	HKsy-pbx	V9	dk	Large fragm	Bl	Fr	8-90cm neph syenite porphyry dykelets intrude a still molten monzosyenite. dykes have very fine chill margins and sharp regular tor highly irregular cusplate-lobate contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm that become more crowded as dyke width increases especially at 204m. monzosyenite fragments/wallrock are
HK21-005	194.55	196.43	HKkp	V9	dk	Medium fra	Bl	Fr	grey black, fine grained to aphanitic mafic groundmass with very fine to very coarse grained pink Kspar and white nepheline phenocrysts. Kspar phenos are typically subhedral to euhedral and average 8mm as are the nepheline phenos. nepheline have primary oscillatory zoning. Groundmass does not appear to be overly biotite altered. dyke appears to have SR to SA fragments of sovite veins, intensely biotite altered monzosyenite, and the nepheline syenite unit. cut by open space fluorapatite-calcite-hematite veins
HK21-005	196.43	217.53	HKsy-pbx	V9	bx	Large fragm	Bl	Fr	8-90cm neph syenite porphyry dykelets intrude a still molten monzosyenite. dykes have very fine chill margins and sharp regular tor highly irregular cusplate-lobate contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm that become more crowded as dyke width increases especially at 204m. monzosyenite fragments/wallrock are
HK21-005	217.53	222	HKsy-p	V9	dk	Medium	Bl	Fr	grey very fine to fine grained groundmass, locally aphanitic with variably crowded anhedral lathes of nepheline. cut by fluorapatite veins and sodic phoscorite

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-005	222	229.3	HKphs-Na-bx	HBX	bx	Large fragm	Gr	Fr	greenish margins on prismatic irregular sodic phoscorite brecciating the nepheline syenite porphyry dyke. sections are from 20cm to 1m in width. large prismatic amphiboles are sodic altered, occasional black prismatic biotite in calcite matrix with pinkish hue. looks like a dolomite cemented phoscorite at end of section with "tiger/leopard" splotches of dark mineral.
HK21-005	229.3	233.83	HKsy-p	V9	dk	Medium	Bl	Fr	grey very fine to fine grained groundmass, locally aphanitic with variably crowded anhedral lathes of nepheline. cut by fluorapatite veins and sodic phoscorite
HK21-005	233.83	238.65	HKphs-Na-bx	HBX	dk	Large fragm	Gr	Fr	phoscorite breccia zone with Na-amphibole alteration on many of the margins. calcite apatite matrix and fluorapatite matrix with biotite and amphibole crystals growing prismatically.
HK21-005	238.65	247.39	HKlp1	V9	por	Coarse	Rd	Ox	feldspar nepheline and calcite porphyritic felsic intrusion. needle and lathe like medium to coarse grained feldspar, medium to coarse grained oscillatory zoned subrounded to subhedral nepheline that ranges from tan to grey. subhedral to euhedral medium grain white calcite phenocrysts in a pink aphanitic to fine grain groundmass. density of phenocrysts varies from crowded to a few percent. cross cuts the nepheline syenite porphyry uphole. has greenish grey chill margin and sharp shingle fragments of fluorapatite phoscorite on uphole contact. downhole contact transitions to chilled fine grain version abruptly at 246.75 with wall rock fragment, suspected fault, ends at fault gauge with same orientation.
HK21-005	247.39	248.59	HKsy-p	V9	por	Coarse	Bl	Fr	grey very fine to fine grained groundmass, locally aphanitic with variably crowded anhedral lathes of nepheline. cut by fluorapatite veins and sodic phoscorite
HK21-005	248.59	251.21	HKphs-Na	HBX	bx	Coarse	Gr	Fr	greenish margins on prismatic irregular sodic phoscorite brecciating the nepheline syenite porphyry dyke. sections are from 20cm to 1m in width. large prismatic amphiboles are sodic/calcic altered, occasional black prismatic biotite in calcite matrix with pinkish hue.
HK21-005	251.21	292.45	HKsy-pbx	V9	dk	Medium	Bl	Fr	8-90cm neph syenite porphyry dykelets intrude a still molten monzosyenite. dykes have very fine chill margins and sharp regular to highly irregular cusped-lobate contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm. monzosyenite fragments/wallrock are nearly indistinguishable in this sequence
HK21-005	292.45	293.24	HKphs-Na	HBX	bx	Large fragm	Bl	Fr	greenish margins on prismatic irregular sodic phoscorite brecciating the nepheline syenite porphyry dyke. sections are from 20cm to 1m in width. large prismatic amphiboles are sodic/calcic altered, occasional black prismatic biotite in calcite matrix with pinkish hue. cuts and recrystallizes broad sections of Sy-p dykes with coarse grained green-blue matrix and coarse biotite and calcite phenos.
HK21-005	293.24	308.92	HKsy-pbx	V9	dk	Coarse	Bl	Fr	neph syenite porphyry dykelets intrude a still molten monzosyenite. dykes have very fine chill margins and sharp regular to highly irregular cusped-lobate contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm. monzosyenite fragments/wallrock are nearly indistinguishable in this sequence
HK21-005	308.92	311.84	HKphs-CK-bx	HBX	abx	Medium fra	Bl	Fr	greenish margins on prismatic irregular sodic phoscorite brecciating the nepheline syenite porphyry dyke. sections are from 20cm to 1m in width. large prismatic amphiboles are sodic/calcic altered, occasional black prismatic biotite in calcite matrix with pinkish hue. cuts and recrystallizes broad sections of Sy-p dykes with coarse grained green-blue matrix and coarse biotite and calcite phenos.
HK21-005	311.84	318.21	HKmz	I7	por	Medium	Bl	Fr	brownish black very fine grain groundmass replaced by biotite with variably sized phenocrysts that range from very fine grain to almost 1cm of anhedral to euhedral grey sometimes oscillatory zoned nepheline. unit appears to be more intensely biotite altered to downhole contact with sy-porphyry unit.
HK21-005	318.21	322.06	HKsy-pbx	V9	dk	Fine	Bl	Fr	neph syenite porphyry dykelets intrude a still molten monzosyenite. dykes have very fine chill margins and sharp regular to highly irregular cusped-lobate contacts with fine to aphanitic grey matrix, anhedral angular phenocrysts up to 2mm. monzosyenite fragments/wallrock are nearly indistinguishable in this sequence
HK21-005	322.06	322.77	HKphs-CK-bx	HBX	abx	Coarse	Gr	Fr	greenish to black margins on prismatic irregular sodic phoscorite that intrudes and brecciates the nepheline syenite porphyry. The vein/breccia is 10s of cm in width and have sharp but irregular contacts with the host rock. Large prismatic amphiboles are sodic/calcic altered, black prismatic biotite crystals in calcite matrix that contains a white to pinkish hue. Pyrite occurs as cgr euhedral, elongated grains that might be replacing another mineral and amorphous aggregates of grains.
HK21-005	322.77	338.52	HKsy-pbx	V9	dk	Fine	Bl	Fr	neph syenite porphyry unit is typically medium-grained in this section with rare areas of chilled margins or chilled dikelets. Rare ijolite fragments are present. The neph syenite porphyry unit contains fgr-mgr (up to 4 mm in areas), anhedral nepheline phenocrysts in a fgr to aphanitic black groundmass. In some areas it is difficult to discern fragments vs. wallrock due to alteration intensity.

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-005	338.52	342.44	HKphs-CK-bx	HBX	bx	Coarse	Bl	Fr	greenish-grey margins on prismatic irregular sodic phoscorite that intrudes and brecciates the nepheline syenite porphyry. The vein/breccia is 10s of cm in width and have sharp but irregular contacts with the host rock. Large prismatic amphiboles are sodic/calcic altered, black prismatic biotite crystals in calcite matrix. Rare pyrite occurs in calcite and biotite areas. Around the phoscorite veins stronger biotite alteration exists altering the wallrock.
HK21-005	342.44	351.53	HKsy-pbx	V9	dk	Fine	Bl	Fr	neph syenite porphyry unit is typically medium-grained in this section with rare areas of chilled margins or chilled dikelets. Rare ijolite fragments are present. The neph syenite porphyry unit contains fgr-mgr (up to 4 mm in areas), anhedral nepheline phenocrysts in a fgr to aphanatic black groundmass. In some areas it is difficult to discern fragments vs. wallrock due to alteration intensity.
HK21-005	351.53	352.6	Late Lamp	V6	por	Very Fine	Gr	Fr	Dark green fgr to aphanitic groundmass with rare fgr-mgr white calcite and green clayey phenocrysts
HK21-005	352.6	358.36	HKsy-pbx	V9	dk	Fine	Bl	Fr	neph syenite porphyry dykelets intrude ijolite and neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Ijolite occurs as cgr, black unit with anhedral pink nepheline that looks to have grown interstitial to the mafic minerals. Most of this unit is composed of ijolite fragments.
HK21-005	358.36	360	HKsv	HBX	m	Coarse	Gy	Fr	Grey, massive, mgr-cgr calcite-bearing vein with minor biotite. Margins are sharp but irregular. This vein is cut by a fluorapatite vein. This unit also contains disseminated pyrite.
HK21-005	360	444.78	HKsy-pbx	V9	dk	Medium	Bl	Fr	neph syenite porphyry dykelets intrude Mostly ijolite and neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Ijolite occurs as cgr, black unit with anhedral pink nepheline that looks to have grown interstitial to the mafic minerals. These occur as cm to 10s of cm sized fragments. Rare neph monzosyenite fragments occur. The are cm sized, fgr black unit with mgr grey phenocrsys. One neph syenite porphyry dike from 388.64-389.6 m that contains mgr to cgr subhedral phenocrysts and chilled margins
HK21-005	444.78	447	FBx	NR	fz		Gy	Fr	phreatomagmatic looking breccia with wall rock fragments in pale grey matrix. subangular to subrounded medium to large polymictic fragments in rock flour and calcite matrix. Fragments of intruding late syenite porphyry as well.
HK21-005	447	450.39	HKlp2	V9	wrc		Gr	Fr	very fine grain matrix dominated intrusive with elongate medium grain feldspar and feldspathoid lathes and needles with varying crowdedness, local zones with subrounded biotite phenos. large fragment of ijolite wall rock.
HK21-005	450.39	452.81	HKsy-pbx	P2	dk		Bl	Fr	neph syenite porphyry dykelets intrude Mostly ijolite and neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Ijolite occurs as cgr, black unit with anhedral pink nepheline that looks to have grown interstitial to the mafic minerals. These occur as cm to 10s of cm sized fragments. Rare neph monzosyenite fragments occur. The are cm sized, fgr black unit with mgr grey phenocrsys. One neph syenite porphyry dike from 388.64-389.6 m that contains mgr to cgr subhedral phenocrysts and chilled margins
HK21-005	452.81	455.92	HKlp2	V9	por		Gy	Fr	very fine grain matrix dominated intrusive with elongate medium grain feldspar and feldspathoid lathes and needles with varying crowdedness, local zones with subrounded biotite phenos. Cut by fluorapatite veins.
HK21-005	455.92	472.27	HKsy-pbx	P2	dk		Bl	Fr	neph syenite porphyry dykelets intrude Mostly ijolite and neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Ijolite occurs as cgr, black unit with anhedral pink nepheline that looks to have grown interstitial to the mafic minerals. These occur as cm to 10s of cm sized fragments. Rare neph monzosyenite fragments occur. The are cm sized, fgr black unit with mgr grey phenocrsys. One neph syenite porphyry dike from 388.64-389.6 m that contains mgr to cgr subhedral phenocrysts and chilled margins
HK21-005	472.27	478.03	HKlp2	V9	por	Very Fine	Gy	Fr	very fine grain matrix dominated intrusive with elongate medium grain feldspar and feldspathoid lathes and needles with varying crowdedness, local zones with subrounded biotite phenos.

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-005	478.03	479.01	HKsy-p	P2	dk		Bl	Fr	neph syenite porphyry dykelets intrude Mostly ijolite and neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Ijolite occurs as cgr, black unit with anhedral pink nepheline that looks to have grown interstitial to the mafic minerals. These occur as cm to 10s of cm sized fragments. Rare neph monzosyenite fragments occur. The are cm sized, fgr black unit with mgr grey phenocrsys. One neph syenite porphyry dike from 388.64-389.6 m that contains mgr to cgr subhedral phenocrysts and chilled margins
HK21-005	479.01	479.76	HKlp2	V9	por	Very Fine	Gy	Fr	very fine grain matrix dominated intrusive with elongate medium grain feldspar and feldspathoid lathes and needles with varying crowdedness, local zones with subrounded biotite phenos.
HK21-005	479.76	492.34	HKsy-pbx	P2	dk	Fine	Bl	Fr	neph syenite porphyry dykelets intrude neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Neph monzosyenite fragments are 10s of cm sized, fgr black unit with mgr grey phenocrsys.
HK21-005	492.34	493.61	Late Lamp	V6	dk	Medium fra	Gr	Fr	dark grey glassy aphanitic dyke with amygdular calcite and fluorapatite clot at centre. These appear to be fragments of vein material in the lamp unit.
HK21-005	493.61	497.34	HKsy-pbx	P2	dk	Fine	Bl	Fr	neph syenite porphyry dykelets intrude neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Neph monzosyenite fragments are 10s of cm sized, fgr black unit with mgr grey phenocrsys.
HK21-005	497.34	499.83	HKlp2	V9	por	Very Fine	Mr	Fr	very fine grained to aphanitic matrix dominated intrusive with elongate medium grain feldspar and feldspathoid lathes and needles with varying crowdedness, local zones with mgr elongate to stubby biotite phenos (1%). This dike is cut by chalky grey fine grain biotite phytic (5%) at 498.21 to 499.61 m.
HK21-005	499.83	528	HKsy-pbx	P2	dk	Fine	Bl	Fr	neph syenite porphyry dykelets intrude neph monzonite. the nepheline syenite porphyry contains fine-grained chill margins and sharp regular to sometimes lobate contacts with fine to aphanitic grey matrix. The neph syenite porphyry contains anhedral phenocrysts up to 2mm. Neph monzosyenite fragments are 10s of cm sized, fgr black unit with mgr grey phenocrsys. This unit contains an increased amount of light grey and grey sovite veins.

HK20-006

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Otter Rapids Camp Core Size: NQ
 WGS84 Zone 17N UTM E 437,621 Azimuth: 310
 UTM N 5,575,977 Dip: -70

Contractor: Downing Estate
 Start: 09/16/2021
 Finish: 09/21/2021
 Claim: 543642 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK21-006	0	44	Qbt	NA				H2O	Boulder till, indurated and competent with large boulders and cobbles throughout, mostly of gneissic rock higher in segment. Downhole to base of segment are large metre-scale blocks of ijolite.
HK21-006	44	45	HKij	I10			Bl	Ox	dark grey-black; oxidized and altered medium to coarse grain mafic dominated ijolite, potentially a melteigite in places. with oxidation is tough to tell the difference between it and essexite?
HK21-006	45	46.4		NR			Bl	Ox	VOID
HK21-006	46.4	51.25	HKij	I10	ineq	Coarse	Bl	Ox	dark grey black to greenish ijolite with with zones of classic coarse equigranular ijolite texture, in other places looks inequigranular and dark.
HK21-006	51.25	75.75	HKsy-pbx	P2	dk	Fine	Bl	Ox	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline apparently flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is similar to above unit with variably intensely altered ijolite and suspected essexite with narrow zones of nepheline monzosyenite around sovite breccia.

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-006	75.75	77.18	HKsv	HBX	wrc	Coarse	Mr	Ox	chalky white sovite with 1-5cm subrounded fragments oxidized to hematite or from a hematite rich fluid? fluorapatite in the sovite as well. the hematite may be result of magnetite rich fragments oxidizing, but there is also pyrite that is unaltered nearby.
HK21-006	77.18	80.79	HKsy-pbx	P2	dk	Large fragm	Bl	Ox	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline apparently flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is similar to above unit with variably intensely altered ijolite and suspected essexite with narrow zones of nepheline monzosyenite around sovite breccia.
HK21-006	80.79	82.08	HKsv	HBX	dk	Small fragm	Mr	Ox	oxidized sovite dyke with much hematite staining throughout coming out of oxidized mafic fragments and potentially magnetite or specularite fragments. vein parallel gouge zones with red clays
HK21-006	82.08	86.82	HKsy-pbx	P2	dk	Medium	Bl	Tr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline apparently flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is similar to above unit with variably intensely altered ijolite and suspected essexite with narrow zones of nepheline monzosyenite around sovite breccia.
HK21-006	86.82	88	HKsv	HBX	dk	Coarse	Gy	Fr	light grey medium to coarse grain calcite rich sovite wit hup to 5% 1-2mm unknown silicate mafics. weak pyrite
HK21-006	88	90.7	HKsy-pbx	P2	dk	Fine	Bl	Fr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline apparently flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered monzosyenite intruding ijolite and sovite breccia.
HK21-006	90.7	92.58	HKlamp	V9	por	Medium	Gy	Fr	Fine grain light grey dyke unit with fine to coarse grain euhedral biotite phenocrysts that are elongated to rarely stubby occurring variably in patches making it look like a lamprophyre but large amount of calcite in matrix it could be biotite phyric sovite. similar to small sovite at 96m with accicular biotite near margins. cut by grey homogenous sovite and fluorapatite veins
HK21-006	92.58	106.49	HKsy-pbx	P2	dk	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline apparently flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered monzosyenite intruding ijolite and sovite breccia.
HK21-006	106.49	112.14	HKsv	HBX	fb	Large fragm	Pr	Fr	fluorite dominated at uphole end of highly heterogeneous blue-grey sovite with pulsating texture of sharp to diffuse boundaries. medium to coarse grain intercrystalline texture that likely includes mafic phenocrysts. wall rock fragments are partially diggested and highly irregular shaped but common "flow" direction or low angle CA throughout.
HK21-006	112.14	115.54	HKsy-pbx	P2	por	Large fragm	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered essexite with ijolite around 119m and ubiquitous dark grey-blue sovite breccia that cut the biotite phyric dykes.
HK21-006	115.54	117.37	HKlamp	V9		Fine	Bl	Fr	Fine grain dark grey dyke unit with fine to coarse grain euhedral biotite phenocrysts that are elongated to rarely stubby occurring variably in patches making it look like a lamprophyre but large amount of calcite in matrix it could be biotite phyric sovite. cut by grey homogenous sovite and fluorapatite veins
HK21-006	117.37	167.85	HKsy-pbx	P2	por	Large fragm	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered essexite with ijolite around 119m and ubiquitous dark grey-blue sovite breccia that cut the biotite phyric dykes.
HK21-006	167.85	168.47	HKlamp	V9	por	Fine	Gy	Fr	Fine grain dark grey dyke unit with fine to coarse grain euhedral elongate biotite phenocrysts to rarely stubby occurring variably in patches making it look like a lamprophyre but large amount of calcite in matrix it could be biotite phyric sovite. cut by grey homogenous sovite and fluorapatite veins. contacts are sharp and regular around 29 CA. subrounded phenos of grey nepheline with calcite crackle through it.
HK21-006	168.47	170.79	FBx	HBX	bx	Medium fra	Tn	Fr	subrounded cusplate to angular monomictic clasts of wall rock in tan-grey silica>calcite matrix supported "fault breccia". fragments range from rock flour to mm-10cm in size. patches of pink calcite in matrix and pyrite disseminated towards downhole end. sovite and biotite alteration of wall rock in fragments. narrow fluorite vein along the boundary of matrix and fragment. downhole end has milky calcite veins that seem syngenetic and partially dismembered further away from contact

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-006	170.79	193	HKsy-pbx	P2	por	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered essexite. around 183m can be complete replacement of individual nepheline phenocrysts
HK21-006	193	195.71	HKlamp	V9	por	Medium	Bl	Fr	locally much more crowded nepheline phyric HKlamp unit with same acicular biotite.
HK21-006	195.71	199.94	HKlp1	V9	por	Coarse	Rd	Ox	Multiphase medium grain accicular biotite-feldspar phyric late porphyry unit with "agglomeritic" bulbous pink stain that has no apparent link with crystals. groundmass is fine grain. feldspars are weakly clay altered and white.. at 199m a later and very fine grained less crowded dark grey dyke cuts at 50-80 degree core angle.
HK21-006	199.94	202.49	HKlamp	V9	por	Medium	Bl	Fr	locally much more crowded nepheline phyric HKlamp unit with same acicular biotite.
HK21-006	202.49	207.54	HKsy-pbx	P2	por	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered essexite
HK21-006	207.54	210.29	HKlamp	V9	por	Medium	Gy	Fr	Fine grain dark grey dyke unit with fine to coarse grain euhedral elongate biotite phenocrysts to rarely stubby occurring variably in patches making it look like a lamprophyre but large amount of calcite in matrix it could be biotite phyric sovite. cut by grey homogenous sovite and fluorapatite veins. contacts are sharp and regular around 29 CA. subrounded phenos of grey nepheline with calcite crackle through it.
HK21-006	210.29	248.75	HKsy-pbx	P2	dk	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered equigranular COARSE grained IJOLITE
HK21-006	248.75	249.86	HKlp2	V9	por	Coarse	Or	Fr	pinkish grey acicular feldspar phyric dyke in fine to medium grain orange-gray mafic filled groundmass. at 249.4m transition to dark black wall rock breccia with same crowded acicular feldspar phenos in medium to coarse grained black matrix.
HK21-006	249.86	281.6	HKsy-pbx	P2	dk	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular nepheline porphyry at cores of dykes. host rock is variable and highly dynamic. looks like its dominated by a medium to coarse grain replaced essexite intruded by monzosyenite breccia. In places, such as at 261m there are narrow dm scale HKlamp dykes with biotite and nepheline rounded phenocrysts that seem indistinguishable from HKmz-bx!.
HK21-006	281.6	285.95	Late Lamp	V6	amy	Medium fra	Gr	Fr	amygdular fine grain lamprophyre with mm scale rounded biotite phenos at 5% through margins. brecciation and bleaching occurring at contacts
HK21-006	285.95	293.21	HKsy-p	P2	dk	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular nepheline porphyry at cores of dykes. host rock is variable and highly dynamic. looks like its dominated by a medium to coarse grain replaced essexite intruded by monzosyenite breccia. In places, such as at 261m there are narrow dm scale HKlamp dykes with biotite and nepheline rounded phenocrysts that seem indistinguishable from HKmz-bx!.
HK21-006	293.21	294.88	HKsv	HBX	wrc	Coarse	Pr	Fr	greyish blue sovite with strong fluorite fragments and angular blocks of pyrite on margins. medium grained equigranular calcite with some ankerite and pyrite disseminated throughout.
HK21-006	294.88	328.1	HKsy-p	P2	dk	Medium	Bl	Fr	narrow and irregularly spaced 0.5 to 1m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular nepheline porphyry at cores of dykes. host rock is variable and highly dynamic. looks like its dominated by a medium to coarse grain replaced essexite intruded by monzosyenite breccia. In places, such as at 261m there are narrow dm scale HKlamp dykes with biotite and nepheline rounded phenocrysts that seem indistinguishable from HKmz-bx!. Sovite breccias are cut by bt-altered nepheline phyric dykelets that look identical to HKmz but have timing relationship of HKlamp
HK21-006	328.1	328.8	HKkp	V9	por	Small fragm	Mr	Fr	cm-scale rounded orange kspar and nephelenite fragments in dark black fine grain matrix. cut by matrix dominated acicular feldspar phyric late porphyry dyke.
HK21-006	328.8	331.48	HKsv-mag	HBX	bx	Medium fra	Gy	Fr	wall rock dominant white sovite breccia with medium grained monzosyenite and a few nepheline syenite porphyry dykelets. within sovite there is coarse calcite with mclusters of subhedral mm-1cm sized magnetite grains and patches up to 5cm. wall rock fragments within sovite seem to be resorbed

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-006	331.48	338.36	HKsy-p	P2		Medium	Bl	Fr	Very fine chill margin leading into medium grained crowded subrounded nepheline dominant porphyry with local patches of black rounded biotite phenos. dark blackish blue fine grain matrix. rock unit is cutting white sovite breccia and is cut by grey sovite veins and breccias
HK21-006	338.36	339.53	HKsv-bx-g	HBX		Medium fra	Bl	Fr	start of strange rounded breccia unit with variable concentrations of matrix of dark grey sovite. fragments look like second sodic phoscorite/nephelinite with fine grain felsite texture, usually with dark black rinds of biotite? up to 3mm. fragments are variably altered by green sodic replacement of mafics
HK21-006	339.53	340.6	HKsy-p	V9		Medium	Bl	Fr	large dyke or fragment of nepheline syenite porphyry. looks more crowded like the neph monzosyenite here. tough to distinguis, has chill margin.
HK21-006	340.6	343.43	HKsv-bx-g	HBX		Medium fra	Bl	Fr	strange rounded breccia unit with variable concentrations of matrix of dark grey sovite. fragments look like second sodic phoscorite/nephelinite with fine grain felsite texture, usually with dark black rinds of biotite? up to 3mm. fragments are variably altered by green sodic replacement of mafics
HK21-006	343.43	345.99	HKsv-mag	HBX		Large fragm	Wt	Fr	massive magnetite-pyrite at top of section over 50cm in coarse white sovite with pyrite and 3-10mm subhedral magnetite crystals streaming at 40 to CA. cross cut by both fluorite vein at 345.5m and fluorapatite open space pocket on top. cut by variably crowded nepeheline syenite porphyry that has white sovite dykes in it, potentially a large fragment
HK21-006	345.99	349.18	HKsy-p	P2		Medium	Gr	Fr	large dyke or fragment of nepheline syenite porphyry. looks more crowded like the neph monzosyenite here. tough to distinguis, has chill margin.
HK21-006	349.18	350.65	HKsv-mag	HBX		Medium fra	Wt	Fr	coarse white sovite with pyrite and 3-10mm subhedral magnetite crystals streaming at 40 to CA. cut by gray sovite
HK21-006	350.65	353.37	HKsy-p	P2		Medium	Bl	Fr	large dyke or fragment of nepheline syenite porphyry. looks more crowded like the neph monzosyenite here. tough to distinguis, has chill margin.
HK21-006	353.37	359.03	HKsv-mag	HBX		Medium fra	Tn	Fr	coarse white sovite with pyrite and 3-10mm subhedral magnetite crystals streaming at 40 to CA end in 40cm of prismatic magnetite and amphibole. cut by gray sovite. cut by late syenite porphry at 356.42-356.73m
HK21-006	359.03	370.86	HKurt	I2		Large fragm	Pk	Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz. these are potentially fragments and occur over 20-50cm lengths at 359.47-360.37, 361.84-363.25 , 363.24-363.69, 366.60-367.27, 367.81-368.13, 369.91-370.47,
HK21-006	370.86	373.12	HKmz	P2		Medium	Bl	Fr	crowded nepheline monzosyenite fragments? with medium grain subrounded nepheline and rare rounded biotite phenos in a fine grain matrix. boundaries between this and sodic altered "phoscorite/nephelinite" are extremely diffuse with green alteration across the boundary.
HK21-006	373.12	374.97	HKurt	I2		Large fragm	Pk	Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz. these are potentially fragments and occur over 20-50cm lengths at 374.97-
HK21-006	374.97	382.18	HKmz	P2		Coarse	Bl	Fr	crowded nepheline monzosyenite fragments? with medium grain subrounded nepheline and rare rounded biotite phenos in a fine grain matrix. boundaries between this and sodic altered "phoscorite/nephelinite" are extremely diffuse with green alteration across the boundary.
HK21-006	382.18	391.84	HKurt	I2		Large fragm	Pk	Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz. these are potentially fragments and occur over 20-50cm lengths at 385.21-385.49, 387.54-387.63, 388.24-388.64, 389.66-389.86// 390.86-391.1 is a fine grain neph-syenite porphry dyke with no green alteration on the margins, leads us to believe that this unit is intruding the Monzosyenite with them as fragments.
HK21-006	391.84	405.35	HKsy-pbx	P2		Large fragm	Bl	Fr	narrow and irregularly spaced 0.5 to 2m dykes of very fine to aphanitic dark groundmass with subrounded 0.5 to 1mm nepheline and locally biotite with apparent flow banded subparallel to contacts and transitioning to medium grain inequigranular at cores of dykes. host rock is variably intensely altered essexite

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-006	405.35	406.85	HKurt	I2		Medium		Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz.
HK21-006	406.85	407.55	HKsy-p	P2				Fr	
HK21-006	407.55	408.63	HKurt	I2		Medium	Gr	Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz.
HK21-006	408.63	410.32	HKsv-mag	HBX		Coarse	Wt	Fr	irregular boundaries in coarse calcite sovite with local hexagonal magnetite phenos to 1cm, wallr rock fragments of urtite and cut by syenite dykes
HK21-006	410.32	412.26	HKmz	I8		Medium	Bl	Fr	crowded nepheline monzosyenite porphyry with intense biotite alteration of groundmass
HK21-006	412.26	417.56	HKurt	I2		Medium	Gr	Fr	fine to medium grain nepheline rich intrusive with nearly complete sodic replacement of mafics by fine grain augite-aegerine? microveinlets and replacement patches crisscross the unit. cut by grey sovite dykes and by nepheline monzosyenite dykes that have strong sodic alteration halos and biotite within the monz. Areas with open space fillinf of calcite, fluorapatite and black cgr needles occur.
HK21-006	417.56	420.56	HKlp2	V9		Fine	Or	Fr	acicular feldspars in fine grain orange more felsic matrix.
HK21-006	420.56	457.48	HKurt	I2		Medium	Rd	Fr	medium to very coarse grain pegmatitic textured urtite? or version of coarse nepheline syenite where medium grain cryptic hypidiomorphic nepheline-mafic rock to orthoclase-nepheline-biotite pegmatite in pockets of a molten volatile rich melt. pegmatitic zones have white internally twinned, large fledspar cyrstals as well as orange oikocrysts, large prismatic biotite and mafic minerals seem to be injecting as fluid out of pegmatite into surrounding equigranular zones. Fracture zones cutting the unit occur at 11, 40 and 50 degrees to core axis. There are open spaces in the unit that are filled with calcite and a needle shaped black mafic mineral (biotite or amphibole). Areas where stockwork fracturing is intense there is crackle breccia.
HK21-006	457.48	469.68	HKmbx	V6		Very Fine	Gr	Fr	Fault breccia intruded by mafic dyke with polymictic subrounded to subangular pebble to cobble sized fragments of the sodic altered urtite/nephelinite/phoscorite above as well as biotite altered neph monzosyenite, massive pyrite, and rounded fragments of neph syenite-porphyry in fine grain green-black mafic matrix. fragments are scattered at top of section, matrix dominated through middle and last metres after 462.5m changes to clast supported with calcite void filling in matrix. Fluorapatite vein cuts the unit and there is fluorapatite in calcite void filling near bottom
HK21-006	469.68	475.31	HKurt	I2		Medium	Gr	Fr	medium to very coarse grain pegmatitic textured urtite? or version of coarse nepheline syenite where medium grain cryptic hypidiomorphic nepheline-mafic rock to orthoclase-nepheline-biotite pegmatite in pockets of a molten volatile rich melt. pegmatitic zones have white internally twinned, large fledspar cyrstals as well as orange oikocrysts, large prismatic biotite and mafic minerals seem to be injecting as fluid out of pegmatite into surrounding equigranular zones. There are open spaces in the unit that are filled with calcite and possibly flourapatite
HK21-006	475.31	486.05	HKurt-bx	V9		Large fragm	Bl	Fr	medium to coarse grained inequigranular felsite texture and locally pegmatitic highly sodic altered on net textured fractures. includes fragments of biotite altered monzosyenite with intense fine sodic alteration halos
HK21-006	486.05	488.32	HKsv-bx-g	HBX		Medium	Gy	Fr	Dark grey biotite rich sovite, medium grained equigranular wit hsharp contacts cutting the urtite and fragments of monzosyenite within it
HK21-006	488.32	494	HKurt-bx	V9		Large fragm	Bl	Fr	medium to coarse grained inequigranular felsite texture and locally pegmatitic highly sodic altered on net textured fractures. includes fragments of biotite altered monzosyenite with intense fine sodic alteration halos
HK21-006	494	495.22	HKlp2	V9		Medium	Or	Fr	acicular feldspars in fine grain orange more felsic matrix.
HK21-006	495.22	512.98	HKurt-bx	V9		Large fragm	Bl	Fr	medium to coarse grained inequigranular felsite texture and locally pegmatitic highly sodic altered on net textured fractures. includes fragments of biotite altered monzosyenite with intense fine sodic alteration halos
HK21-006	512.98	525.56	HKurt	I2			Pk	Fr	medium to very coarse grain pegmatitic textured urtite? or version of coarse nepheline syenite where medium grain cryptic hypidiomorphic nepheline-mafic rock to orthoclase-nepheline-biotite pegmatite in pockets of a molten volatile rich melt. pegmatitic zones have white internally twinned, large fledspar cyrstals as well as orange oikocrysts, large prismatic biotite and mafic minerals seem to be injecting as fluid out of pegmatite into surrounding equigranular zones. There are open spaces in the unit that are filled with calcite and possibly flourapatite

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-006	525.56	528.62	HKlp1	V6			Bl	Fr	glommeritic looking fine grain dyke wiht 1mm phenos of feldspathoid in grey matrix. glommeritic texture looks like a stain and seems to cross cut grain boundaries
HK21-006	528.62	535	HKurt	I2	peg	Coarse	Rd	Fr	medium to very coarse grain pegmatitic textured urtite? or version of coarse nepheline syenite where medium grain cryptic hypidiomorphic nepheline-mafic rock to orthoclase-nepheline-biotite pegmatite in pockets of a molten volatile rich melt. pegmatitic zones have white internally twinned, large feldspar crystals as well as orange oikocrysts, large prismatic biotite and mafic minerals seem to be injecting as fluid out of pegmatite into surrounding equigranular zones. There are open spaces in the unit that are filled with calcite and possibly fluorapatite
HK21-006	535	538.92	HKurt	V9	eq	Fine	Gr	Fr	fine grained version of urtite with pinkish green colour. is it the same as a nepheline syenite porphyry unit?
HK21-006	538.92	540.36	HKsy-p	P2		Medium	Bl	Fr	crowded porphyritic dyke that could be similar to Int1 above, has phenos of feldspathoid and biotite
HK21-006	540.36	549	HKurt	I2	peg	Coarse	Gr	Fr	medium to very coarse grain pegmatitic textured urtite? or version of coarse nepheline syenite where medium grain cryptic hypidiomorphic nepheline-mafic rock to orthoclase-nepheline-biotite pegmatite in pockets of a molten volatile rich melt. pegmatitic zones have white internally twinned, large feldspar crystals as well as orange oikocrysts, large prismatic biotite and mafic minerals seem to be injecting as fluid out of pegmatite into surrounding equigranular zones. There are open spaces in the unit that are filled with calcite and possibly fluorapatite
HK21-006	549	551.49	HKurt	V9	eq	Fine	Gr	Fr	fine grained version of urtite with pinkish green colour. is it the same as a nepheline syenite porphyry unit? Irregular clots of grey sovite near 549m
HK21-006	551.49	558.79	HKlamp	P2		Coarse	Bl	Fr	fine to medium grain porphyritic dyke with rounded altered and open rimmed voids that were nepheline? fine grain matrix is salt and pepper looking with orange-grey colour
HK21-006	558.79	561	HKurt	I2		Coarse	Pk	Fr	fine grained version of urtite with pinkish green colour. is it the same as a nepheline syenite porphyry unit?

HK20-007

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Otter Rapids Camp
 WGS84 Zone 17N UTM E 437,621
 UTM N 5,575,977

Core Size: NQ
 Azimuth: 220
 Dip: -65

Contractor: Downing Estate
 Start: 09/22/2021
 Finish: 09/26/2021
 Claim: 543642 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK21-007	0	42.63	Qbt	NA				Ox	
HK21-007	42.63	55.71	HKex	I10	ineq	Coarse	Gr	Tr	oxidized and chlorite altered deep green stockwork veined equigranular essexite?
HK21-007	55.71	56.64	HKkp	V9	por	Coarse	Or	Fr	medium grain subhedral to angular and euhedral Kspar grains in granular fine grain greenish black matrix, weak pinkish stain, cut by white sovites, cutting a rounded mafic cemented fault breccia?
HK21-007	56.64	58.97	HKmbx	V6	bx	Medium fragments	Bl	Fr	tough to tell with alteration, but has rounded sovite and monzosyenite cobbles and fragments of ijolite and essexite in dark mafic matrix. possible fault zone intruded by melt
HK21-007	58.97	65.72	HKlamp	V6	por	Large fragments	Gy	Fr	3cm to 1m dykes of acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass that intrudes essexite and fault breccia with sharp boundaries and internal chill margins.
HK21-007	65.72	67.98	HKsv-bx	HBX	csp	Medium fragments	Wt	Fr	crackle to in situ sovite brecciation of biotite altered essexite and monzosyenite with medium to coarse grain calcite shingle breccia fragments in places and lamellar alignment of calcite at 25 to CA
HK21-007	67.98	69.18	HKmz-bx	I9	bx	Medium	Bl	Fr	crowded nepheline phyric monzosyenite intruding an equigranular coarse grain green essexite and local ijolite.
HK21-007	69.18	82.97	HKsv-bx	HBX	bx	Large fragments	Gy	Fr	crackle to in situ sovite brecciation of biotite altered essexite and monzosyenite with medium to coarse grain calcite shingle breccia fragments in places and lamellar alignment of calcite at 25 to CA
HK21-007	82.97	87.69	HKmz-bx	I9	bx	Large fragments	Bl	Fr	crowded nepheline phyric monzosyenite intruding an equigranular coarse grain green essexite and local ijolite.
HK21-007	87.69	136.6	HKlamp	V6	por	Coarse	Gy	Fr	large zone of variably acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass. large pink calcite-apatite fragment at 113m that grades into grey chalcedony fault annealed zone

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-007	136.6	138.09	HKlamp	V6	amy	Small fragments	Gy	Fr	fine grain calcite fragmets in dark black fine grain matrix. sharp upper contact with biotite rich HKlamp. is cross cut by creamy white-pink streaming textured fine grain vein that doesn't look quite like a sovite. lower contact is less clear as it transitions into a monzo intrusive breccia
HK21-007	138.09	143.28	HKmz-bx	I9	bx	Large fragments	Bl	Fr	very dark and hard to tell what the cross cutting relationships are here. contains fragments of medium grained crowded subrounded nepheline phyruc monzosyenite in a coarse essexite? strong Niobium-style pale alteration through rock and around a white prismatic drusy fluorapatite vein. at 139.30 is a dykelet of biotite phyruc HKlamp cutting everything leading into massive pyrite zone at 139.6m and a calcite shatter breccia below that. looks like fragments of a PINK apatite rock in sovite breccia below.
HK21-007	143.28	146.5	HKsv-bx	HBX	bx	Medium fragments	Wt	Fr	Sovite crackle to in-situ breccia with subangular 3-8cm fragments of other yellow-pink sovite (apatite?) and monzosyenite fragments in a white sovite matrix. Also one or two Ijolite fragments.
HK21-007	146.5	152.08	HKmz-bx	I9	bx	Large fragments	Bl	Fr	large zone of variably acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass.
HK21-007	152.08	161.56	HKlamp	V6	por	Coarse	Gy	Fr	large zone of variably acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass. large pink calcite-apatite fragment at 113m that grades into grey chalcedony fault annealed zone small late syenite porphyry dyke at 154m over 25cm
HK21-007	161.56	170.95	HKmz-bx	I9	bx	Medium fragments	Bl	Fr	Possible breccia zone with subrounded fragments of sovite and contains fragments of medium grained crowded subrounded nepheline phyruc monzosyenite in a coarse essexite and fragments of green neph syenite porphyry. large pink apatite-sovite fragments again at 149m. local sovite breccia matrix with crackle brecciated monzosyenite fragments. high angle amorphous sharp contact with chill margin into HKlamp dyke at 168.5 for 30cm
HK21-007	170.95	171.69	HKlamp	V6	por	Coarse	Gy	Fr	large zone of variably acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass. large pink calcite-apatite fragment at 113m that grades into grey chalcedony fault annealed zone
HK21-007	171.69	177.61	HKmz-bx	I9	bx	Large fragments	Bl	Fr	Possible breccia zone with subrounded fragments of sovite and contains fragments of medium grained crowded subrounded nepheline phyruc monzosyenite in a coarse essexite
HK21-007	177.61	179.66	HKsybt	V6	por	Medium	Gy	Fr	large zone of variably acicular biotite phenos to 5mm and nepheline subrounded anhedral nepheline phenos to 3mm in fine gray groundmass. large pink calcite-apatite fragment at 113m that grades into grey chalcedony fault annealed zone
HK21-007	179.66	182	HKsv-bx	HBX	bx	Medium fragments	Gy	Fr	Sovite crackle brecciation of nepheline monzosyenite intrusive breccia in predominantly ijolite, local areas that look like fragments of greyish sovite clasts in dark mafic matrix. angular infill of whitish grey sovite, local brecciation. cut by grey sovite veins and 2 styles of early lamprophyres, one with felty texture and one with acicular biotite phenos
HK21-007	182	186.24	HKsybt	V6	por	Medium	Gy	Fr	felty equigranular with biotite phyruc chill margins, cut by fine grain later dyke at 183.9-184.53
HK21-007	186.24	226	HKsv-bx	HBX	bx	Large fragments	Gy	Fr	Sovite crackle brecciation of nepheline monzosyenite intrusive breccia in predominantly ijolite, local areas that look like fragments of greyish sovite clasts in dark mafic matrix. angular infill of whitish grey sovite, local brecciation. cut by grey sovite veins and 2 styles of early lamprophyres, one with felty texture at 197.25-198.25 and one with acicular biotite phenos at 209.55-210.3m, 213.9-219m are some core parallel 2cm dykelets, 230.85-231.25m 193.67-193.91 is a Kspar porphyry
HK21-007	226	253.78	HKmz-bx	I9	bx	Large fragments	Bl	Fr	Nepheline monzosyenite intrusive breccia in predominantly ijolite, local areas that look like fragments of greyish sovite clasts in dark mafic matrix. angular infill of whitish grey sovite, local brecciation. cut by grey sovite veins and
HK21-007	253.78	254.72	FBx	V6	bx	Fine	Gy	Fr	Fine-grained grey matrix with rounded to subangular fragments of green altered urtite, grey sovite and white sovite. Also possibly early lamprophyre dike fragment. Breccia is matrix supported. Small open space areas are filled by calcite. Sovite fragments have disseminated pyrite mineralization. Unit is cut by grey sovite and fluorapatite-calcite-hematite veins
HK21-007	254.72	255.81	HKsy-p	P2	por	Fine	Bl	Fr	Fine-grained black rock with chilled margin along lower contact with fault breccia. Unit is massive with fgr-mgr white/grey nepheline phenocrysts.
HK21-007	255.81	322.74	HKmbx	V6	bx	Fine	Gy	Fr	Breccia is matrix supported and contains rounded to subangular heterogeneous fragments of sodic altered urtite, white sovite with disseminated pyrite, grey sovite,
HK21-007	322.74	328.13	HKlp1	V9	por	Fine	Or	Fr	Fine-grained to aphanitic groundmass with fgr to very cgr phenocrysts. Phenocrysts include pink anhedral to euhedral elongated alkali feldspar(?) grains and fgr to cgr white (to green) anhedral to subhedral nepheline phenocrysts.
HK21-007	328.13	381.25	HKmbx	V6	bx	Fine	Gy	Fr	Breccia is matrix supported and contains rounded to subangular heterogeneous fragments of sodic altered urtite, white sovite with disseminated pyrite, grey sovite, and massive pyrite at 356.75. in same row is orange fluorescent fluorapatite?

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-007	381.25	399.13	HKsy-pbx	P2	dk	Medium	Bl	Fr	fine grain grey-green mottled replacement of relic subrounded nepheline and biotite phyrlic grains that is cut by biotite selvage calcite veins and irregular white sovite breccia clots. at 384m transition to ijolite and mostly essexite wallrock to intrusive breccia.
HK21-007	399.13	403.7	Late Lamp	V6		Coarse	Gr	Fr	dark greenish granular medium grain biotite and nepheline rich lamprophyre with subrounded calcite/amygdules and a 5cm clot of prismatic pinkish fluorapatite
HK21-007	403.7	407.34	HKsy-pbx	P2	dk	Medium	Bl	Fr	fine grain grey-green mottled replacement of relic subrounded nepheline and biotite phyrlic grains that is cut by biotite selvage calcite veins and irregular white sovite breccia clots. at 384m transition to ijolite and mostly essexite wallrock to intrusive breccia.
HK21-007	407.34	414	HKsybt	I7	ineq	Medium	Gy	Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrlic in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular around 450m with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex
HK21-007	414	415	Late Lamp	V6		Medium fragments	Gr	Fr	biotite phyrlic and calcite amygdular
HK21-007	415	419.61	HKurt	V9		Medium	Or	Fr	highly variable texturally with pale buff grey nepheline matrix and local biotite phenos. looks like urtite in places and a lamprophyre in others. may be the same unit as 381 and 399m
HK21-007	419.61	430.66	HKsv-bx-g	HBX		Large fragments	Pr	Fr	dark grey-blue glassy fine grain sovites with diffuse but visible altered greenish margins brecciating the host urtite?
HK21-007	430.66	443.37	HKsybt	I7	ineq	Medium	Gy	Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrlic in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular around 425m with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex
HK21-007	443.37	448.89	Late Lamp	V6		Fine		Fr	biotite phyrlic and calcite amygdular lamprophyres from 5 to 45cm
HK21-007	448.89	457.25	HKsybt	I7	ineq	Medium	Gy	Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrlic in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular around 425m with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex
HK21-007	457.25	470.67	HKlp1	P2		Small fragments	Gr	Fr	Less felty and equigranular late intrusive unit with acicular feldspa... crystals and anhedral to subrounded and irregular syenite fragments and clots in grey fine to glassy grey matrix. late lamprophyry dyke at 467.62-468m with fluorapatite vein cross cutting. at start of section some mottled hematite staining.
HK21-007	470.67	472.25	HKlamp	V6			Gy	Fr	
HK21-007	472.25	476.27	HKsybt	I7			Or	Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrlic in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex. small fine grain lamp/Int1 at 475.7-475.86m. no visible sovites in this unit, white or grey
HK21-007	476.27	483.3	HKlp1	P2			Rd	Fr	reddish grey stained acicular feldspar and calcite phyrlic unit with very fine to fine groundmass.
HK21-007	483.3	502.39	HKsybt	I7			Rd	Fr	acicular biotite throughout fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrlic in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular around 425m with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex. changes to variably textured and locally nepheline prophyritic after 491m, could be because of magma mixing.
HK21-007	502.39	504.57	Late Lamp	V6			Gr	Fr	biotite phyrlic and calcite amygdular lamprophyres from 5 to 45cm

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-007	504.57	510.08	HKsybt	I7			Gr	Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrical in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex.
HK21-007	510.08	510.33	HKkp	V9			Pk	Fr	narrow dyke with coarse angular to euhedral twinned Kspar phenocrysts in dark black matrix, rubble
HK21-007	510.33	513.91	HKsybt	I7				Fr	fine to medium grain felty hypidiomorphic blackish-grey and pink when coarser. biotite phyrical in places (makes it look like a lamprophyre and may be related to others logged above) to equigranular with intercrystalline biotite and pinkish nepheline. is cutting most other rock units and is cut by the blue-grey sovite. likely a fine grain version of the nepheline syenite seen much coarser elsewhere in the complex.
HK21-007	513.91	517.32	HKurt-bx	HBX			Gy	Fr	grey to dark grey chaotic unit composed of fine grain grey matrix supporting dark biotite altered monzosyenite (fizzes strongly) and bleached urtite/felsic looking material (no fizz). fragments have sharp to diffuse boundaries and are subrounded to subangular with biotite rinds. unit is cut by calcite with black biotite selvage. matrix may be slightly bleached HKlamp matrix
HK21-007	517.32	519	HKlamp	V6			Bl	Fr	fine grain groundmass with glassy appearance and subrounded nepheline and biotite phenocrysts to 2mm

HK20-008

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Otter Rapids Camp Core Size: NQ
 WGS84 Zone 17N UTM E 437,440 Azimuth: 220
 UTM N 5,575,481 Dip: -65

Contractor: Downing Estate
 Start: 09/27/2021
 Finish: 10/17/2021
 Claim: 543636 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK21-008	0	1	Qmg	NA				Ox	
HK21-008	1	30.45	Qbt	NA				Ox	much running sand at base of till. very high exposure
HK21-008	30.45	74.76	HKbtbx	HBX	bx	Medium fragments	Gr	Fr	magmatic hydrothermal breccia in variably intense dark red-brown biotite alteration of monzosyenite unit with subrounded to subangular centimetre scale fragments of aphanitic greenish urtite? and local sovite. crossed by many sovite veins with extensional lamellar fracturing and intense biotite alteration.
HK21-008	74.76	75.95	HKlp1	V9	dk	Medium	Pk	Fr	bright orange pink acicular feldspar/oid crystals in dark grey pink fine grain to aphanitic matrix. potassic alteration or hematite at upper contact and around bleb at 75.3m. few veins other than
HK21-008	75.95	108	HKbtbx	HBX	bx	Medium fragments	Gr	Fr	magmatic hydrothermal breccia in variably intense dark red-brown biotite alteration of monzosyenite unit with subrounded to subangular centimetre scale fragments of aphanitic greenish urtite? and local sovite. crossed by many sovite veins with extensional lamellar fracturing and intense biotite alteration. larger urtite fragment at 106.75 next to medium grain mafic rich sovite with fluorapatite. sections of green fine grain rock from 93m on that appear to be similar to small fragments above
HK21-008	108	124.23	HKmz-bx	I7	dk	Large fragments	Bl	Fr	long alternating sections of nepheline fragments in biotite rich matrix against pale grey olivine essexite, boundaries between are not clear
HK21-008	124.23	125.5	HKlp1	V9	m	Fine	Mr	Fr	dun brown chilled dyke with few tiny acicular feldspar phenos
HK21-008	125.5	140.08	HKmz-bx	I7		Large fragments	Bl	Fr	long alternating sections of nepheline fragments in biotite rich matrix against pale grey olivine essexite, boundaries between are not clear
HK21-008	140.08	141	HKlp1	V9		Coarse	Gr	Fr	dark greenish black agglomeritic stain of fine grain matrix with 5% irregular subhedral pink feldspar phenos.
HK21-008	141	142.93	Late Lamp	V6	amy	Medium	Gr	Fr	dark greenish black amygdule rich lamprophyre with subrounded 1mm biotite phenos
HK21-008	142.93	145.88	HKphs-K-bx	HBX	peg	Large fragments	Pk	Fr	variable phoscorite textures with 10 to 100cm zones of prismatic biotite with calcite-apatite quench cores. local magnetite, angular 1-15cm fragments of white sovite throughout a groundmass of green flooded rock of unknown protolith that hosts the phoscorite. phoscorites regularly have 2-3mm books of biotite at margin and some pyrite within. red-black REE minerals are scattered throughout zones

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-008	145.88	147	HKsybt	V9	por	Coarse	Rd	Tr	large 1-2cm subhedral feldspar phenos that are occasionally twinned in greyish green fine grain groundmass with up to 10% 2-3mm biotite flakes. weakly oxidized with hematite stain
HK21-008	147	175.05	HKphs-K-bx	HBX	peg	Large fragments	Pk	Fr	variable phoscorite textures with 10 to 100cm zones of prismatic biotite with calcite-apatite quench cores. local magnetite, angular 1-15cm fragments of white sovite throughout a groundmass of green flooded rock of unknown protolith that hosts the phoscorite. phoscorites regularly have 2-3mm books of biotite at margin and some pyrite within. red-black REE minerals are scattered throughout zones
HK21-008	175.05	176.44	Late Lamp	V6	dk				very fine pale green injection with wall rock cloasts of Monz, angular sharp contacts, and 1-2mm biotite phenos clustered at core of dyke. maroon colour
HK21-008	176.44	180	HKphs-K-bx	HBX	peg	Large fragments	Pk	Fr	variable phoscorite textures with 10 to 100cm zones of prismatic biotite with calcite-apatite quench cores. local magnetite, angular 1-15cm fragments of white sovite throughout a groundmass of green flooded rock of unknown protolith that hosts the phoscorite. phoscorites regularly have 2-3mm books of biotite at margin and some pyrite within. red-black REE minerals are scattered throughout zones
HK21-008	180	204.85	HKmz	I9	bx	Medium fragments	Mr	Fr	reddish-brown to black medium grain biotite altered groundmass with subrounded to irregular nepheline phenocrysts? that are greenish and can vary in size from an average of 2-3mm to zones of 1-4cm with other rounded irregular fragments of melteigite and urtite and sovite? at 193-194m and throughout in smaller phases. at 199-202m gets very crowded with 3-4mm nepheline phenocrysts
HK21-008	204.85	216.82	HKsy-p	I7	dk	Medium	Pr	Fr	fine grained bluish grey groundmass with hard glassy look, few phenocrysts of nepheline in places, irregular anhedral to subangular euhedral white pink crystals often with biotite coating. cut by calcite veins with biotite selvage
HK21-008	216.82	217.59	Late Lamp	V6	dk	Fine	Gr	Fr	very fine pale green injection with wall rock cloasts of Monz, angular sharp contacts, and 1-2mm biotite phenos clustered at core of dyke
HK21-008	217.59	218.12	HKmz	I9	por	Coarse	Mr	Fr	reddish-brown to black medium grain biotite altered groundmass with subrounded to irregular nepheline phenocrysts? that are greenish and can vary in size from an average of 2-3mm
HK21-008	218.12	220.32	HKlp1	V9	por	Medium	Gy	Fr	aphanitic to fine dark grey black groundmass that has glommeritic stain texture with rounded irregular to tabular white-pink feldspathid and fine specks of white and black biotite
HK21-008	220.32	226.67	Late Lamp	V6	por	Fine	Gr	Fr	very fine pale green injection with wall rock cloasts of Monz, angular sharp contacts, and 1-2mm biotite phenos clustered at core of dyke
HK21-008	226.67	229.51	HKmz	I9	por	Coarse	Mr	Fr	reddish-brown to black medium grain biotite altered groundmass with subrounded to irregular nepheline phenocrysts? that are greenish and can vary in size from an average of 2-3mm
HK21-008	229.51	232.35	HKlp1	V9		Medium	Gy	Fr	aphanitic to fine dark grey black groundmass that has glommeritic stain texture with rounded irregular to tabular white-pink feldspathid and fine specks of white and black biotite
HK21-008	232.35	237.82	HKsy-pbx	I9	dk	Large fragments	Mr	Fr	dykelts cutting neph monz and ljolite. fine grained bluish grey groundmass with hard glassy look, few phenocrysts of nepheline in places, irregular anhedral to subangular euhedral white pink crystals often with biotite coating. cut by calcite veins with biotite selvage
HK21-008	237.82	263.23	HKphs-CK-bx	HBX	wrc	Large fragments	Pk	Fr	very coarse pink-grey veins of phoscorite cutting the HKmz and ljolite wallrock, rimming and just barely cutting the sy-pbx dykelets through here. Veins have apatite with prismatic biotite selvage and 2-10% pyrite throughout. some veins are undulose and run up core axis. no observable REE minerals other than orangey pink pyrite. many of the veins have a grey fine grain mineral mixed in with the calcite and out of the apatite zones that could be a calcic amphibole and turns to euhedral grey-green on margins at 255m. veins are 3 to 30cm in width and vary in amount of apatite vs calcite at core.
HK21-008	263.23	267.58	HKlp1	V6		Medium	Gy	Fr	grey black fine to medium grained groundmass dominant late dyke with up to 5% aligned lathes of acicular white-pink feldspathoid with black coating. cut by calcite and large pink open space fluorapatite vein, large euhedral hexagonal crystals with stubby termination and dusting of pyrite
HK21-008	267.58	280	HKphs-CK-bx	HBX	bx	Large fragments	Pr	Fr	fewer phoscorite veins in this zone, ankerite is affecting some of them near a series of calcite and ankerite shatter veins, changing the colour of the phoscorite matrix to a dull yellow-brown-green. biotite are still happy, amphibole are tarnished, no pyrite. intruding a mix of monzosyenite and ljolite with strong biotite and calcic amphibole alteration
HK21-008	280	280.82	HKlp1	V6	dk	Coarse	Gy	Fr	grey black fine to medium grained groundmass dominant late dyke with up to 5% aligned lathes of acicular white-pink feldspathoid with black coating. cut by calcite

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-008	280.82	346.23	HKphs-CK-bx	HBX	bx	Medium fragments	Pr	Fr	phoscorite veins at roughly 1/m and ranging from 1cm to 80cm at 292-293m where calcite and apatite at core become coarse and up to 1cm crystals, pyrite is common and clustered in agglomeritic blebs of euhedral crystals. biotite still common as well but balanced by mottled grey-green-blue amphibole 1-4mm crystals on margins and "quenched" fine grain grey amphibole at cores. The host rock is variably intruded by nepheline syenite porphyry (which seem correlated to at boundaries of phoscorite), highly biotite altered Neph Monz and zones of red-green stained and totally replaced Ijolite.
HK21-008	346.23	357	HKmz-bx	I9		Medium fragments	Gr	Fr	deep brassy-black coloured biotite-magnetite altered neph monz intruding greenish bleached and destroyed coarse grain ijolite. neph monz is about 20% 2-4mm subrounded irregular nepheline phenocrysts replaced by calcite. ijolite crystal boundaries are diffuse to destroyed replaced by matte black mottled mineral and green hard albite? replacment of nepheline.
HK21-008	357	365.74	Int3	VBx	abx	Medium fragments	Gr	Fr	pale green to deep brassy-black coloured biotite-magnetite altered intrusive breccia intruding greenish bleached and destroyed coarse grain ijolite. the intrusive breccia within a green bleached version of the nepheline monzosyenite? with rounded 1-5cm fragments of coarse white sovite, what looks like a phoscorite, and several indistinct intrusive units. when not potassic altered it is pale green medium grained rock with black rims on some phenocryst fragments.
HK21-008	365.74	368.03	HKphs-CK-bx	HBX		Large fragments	Pr	Fr	semi-pervasive massive replacement of neph monze by pale green-grey fine grain calcic amphibole and prismatic biotite around and within a 20cm apatite phyric phoscorite vein. extensional anastomosing calcite veins mark the beginning and end of biotite-magnetite alteration - possibly a volume loss shingle-bx marking change in density from green sodic bleaching to intense potassic alteration
HK21-008	368.03	373.3	Int3	VBx	abx	Medium fragments	Gr	Fr	pale green to deep brassy-black coloured biotite-magnetite altered intrusive breccia intruding greenish bleached and destroyed coarse grain ijolite. the intrusive breccia within a green bleached version of the nepheline monzosyenite? with rounded 1-5cm fragments of coarse white sovite, what looks like a phoscorite, and several indistinct intrusive units. when not potassic altered it is pale green medium grained rock with black rims on some phenocryst fragments.
HK21-008	373.3	376.71	HKphs-CK-bx	HBX		Coarse	Pr	Fr	series of 1 to 5cm calc-potassic amphibole veins with 1-3mm biotite and more fine grained greyish amphibole, cored by 5-20% pinkish calcite
HK21-008	376.71	387.53	HKmz-bx	I9		Coarse	Bl	Fr	deep brassy-black coloured biotite-magnetite altered neph monz intruding greenish bleached and destroyed coarse grain ijolite. neph monz is about 20% 2-4mm subrounded irregular nepheline phenocrysts replaced by calcite. ijolite crystal boundaries are diffuse to destroyed replaced by matte black mottled mineral and green hard albite? replacment of nepheline.
HK21-008	387.53	407.15	HKsybt	I7	por	Medium	Gr	Fr	Starts with pale green colour and black irregular 1-2mm altered phenocrysts to 10%, there is biotite and and greyish 1mm euhedral
HK21-008	407.15	410.68	HKlamp	P2	abx	Medium fragments	Gy	Fr	fine grained grey with wall rock angular and irregular fragments of above unit mm to decimeter sized, possibly sovite fragments and light tan subangular phenocryst fragments. white calcite/sovite veins are late as well as grey sovites. appears to have biotite alteration on a few veins
HK21-008	410.68	424.05	HKsybt	I7	eq	Medium	Gr	Fr	transitions into medium grain equigranular nepheline and biotite rock that displays weak to moderate dark potassic alteration. roughly 50-50 nepheline to biotite with a dull grey-green colour. at 421.8-422 is a dykelet of fine grain with subhedral to anhedral foid phenos and fine to coarse grain black to grey anhedral to subhedral, chilled margin against biotite syenite. appears to have fragment of sovite, some planar calcite veinlets with thin biotite selvage. also at 419.69-419.88, mistaken for grey sovite
HK21-008	424.05	425.3	HKsv-mag	HBX	eq	Coarse	Wt	Fr	coarse greyish sovite with patches of amphibole-biotite-magnetite
HK21-008	425.3	430.46	HKsybt	I7	eq	Medium	Gr	Fr	medium grain equigranular nepheline and biotite rock that displays weak to moderate dark potassic alteration. roughly 50-50 nepheline to biotite with a dull grey-green colour.
HK21-008	430.46	433.26	HKlp2	V9	por	Fine	Gr	Fr	dark greenish brown fine grain dyke that looks like lamprophyre but also has local pinkish acicular nepheline. cut by many jagged clean breaks filled by calcite and fluorapatite
HK21-008	433.26	451.21	HKsybt	I7	por	Medium	Gy	Fr	medium grain equigranular nepheline and biotite rock that displays weak to moderate dark potassic alteration. roughly 50-50 nepheline to biotite with a dull grey-green colour.
HK21-008	451.21	451.98	HKsy	I7	peg	Coarse	Pk	Fr	pegmatitic lookin pink nepheline-amphibole-biotite,few veins. unsure if it's a fragment carried up or a dyke itself

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-008	451.98	456.61	HKlp2	V9	por	Fine	Br	Fr	dark brown fine grain dyke that looks like lamprophyre but also has local pinkish acicular nepheline. cut by many jagged clean breaks filled by calcite and fluorapatite
HK21-008	456.61	459.37	HKkp	P2	por	Coarse	Pk	Fr	1cm vitreous grey to pink euhedral to subhedral orthoclase phenocrysts with inclusions at roughly 20% in a pink-black feldspathoid-biotite medium groundmass. looks similar in texture to the apatite in phoscorite seen at 367m...
HK21-008	459.37	463.48	HKsybt	I7	por	Medium	Gy	Fr	Starts with pale green colour and black irregular 1-2mm altered phenocrysts to 10%, there is biotite and and greyish 1mm euhedral nepheline with black rim
HK21-008	463.48	468.33	HKlp2	V9	por	Fine	Bl	Fr	dark greenish brown fine grain dyke that looks like lamprophyre but also has local pinkish acicular nepheline. cut by many jagged clean breaks filled by calcite and fluorapatite. in places looks like amygdules but may be nepheline replaced by calcite with black rind
HK21-008	468.33	487.15	HKsybt	I7		Medium	Bl	Fr	chaotic zone of medium grained felty to porphyritic nepheline-biotite rock being intruded by 1mm calcite phyric biotite altered rock (subdivisions below) that were logged as HKlp2 above. strong white sovite breccia zone through section with irregular and jointed calcite veins that seem to be causing the intense biotite alteration throughout.
HK21-008	487.15	488.34	HKsybt	I7		Medium	Bl	Fr	intrusion of biotite altered fine grain calcite phyric rock (that were logged as HKlp2 above) into chaotic zone of medium grained felty to porphyritic nepheline-biotite rock being. strong white sovite breccia zone through section with irregular and jointed calcite veins that seem to be causing the intense biotite alteration throughout.
HK21-008	488.34	494.05	HKsybt	I7		Medium	Bl	Fr	chaotic zone of medium grained felty to porphyritic nepheline-biotite rock being intruded by 1mm calcite phyric biotite altered rock (subdivisions below) that were logged as HKlp2 above. strong white sovite breccia zone through section with irregular and jointed calcite veins that seem to be causing the intense biotite alteration throughout.
HK21-008	494.05	502.38	HKsybt	I7		Medium	Bl	Fr	intrusion of biotite altered fine grain calcite phyric rock (that were logged as HKlp2 above) into chaotic zone of medium grained felty to porphyritic nepheline-biotite rock being. strong white sovite breccia zone through section with irregular and jointed calcite veins that seem to be causing the intense biotite alteration throughout.
HK21-008	502.38	506.51	HKij	I9		Coarse	Bl	Fr	reddish black to greenish black coarse grained equigranular intercrystalline ijolite that is intruded by 30cm nepheline syenite? strong alteration throughout chaotic zone
HK21-008	506.51	528	HKsy-pbx	P2	dk	Large fragments	Bl	Fr	dark grey-black glassy very fine grain weakly porphyritic intrusions of nepheline syenite porphyry as dyke swarm into a neph monzosyenite intrusive breccia with ijolite fragments (528,24m). all are highly biotite altered and sovite veins are waning in impact. at 519 there is a narrow 5-10cm glassy intrusive breccia with wall rock fragments

HK20-008

Casing Left: Yes; NW Steel casing cap w/ 1m high red marker
 Core Storage: Otter Rapids Camp Core Size: NQ
 WGS84 Zone 17N UTM E 437,500 Azimuth: 220
 UTM N 5,576,539 Dip: -65

Contractor: Downing Estate
 Start: 10/18/2021
 Finish: 10/23/2021
 Claim: 543653 (100% VR Resources)
 Permit: PR-20-000217

Hole number	From	To	Lithology	Rock Unit	Texture	Grain Size	Colour	Oxidation	Description
HK21-009	0	30	Qbt	NA				Ox	
HK21-009	30	35	Qbt	NA				Ox	sandy-clay from mesozoic formation
HK21-009	35	44.48	Qbt	NA				Ox	regolith subcrop
HK21-009	44.48	62.8	HKurt-p	P2	bx	Medium fragments	Gr	Tr	greenish grey fine grain matrix supported intrusive breccia with subrounded to subangular 1-10cm fragments of urtite and an unknown dark igneous unit, mm to cm sized white euhedral to anhedral elongated feldspar/foid phenocrysts up to 5%. cut by neph monz dyke at 62.8m. moderate to strong sodic alteration with disseminated fluorapatite at 48.9 and 57.8m. also cut by biotite selvage veins. infiltration of sodic alteration into neph monz

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-009	62.8	70.9	HKmz-bx	I7	bx	Large fragments	Gr	Ox	biotite altered neph monz with fine grain reddish black matrix supporting irregular anhedral rounded nepheline to 1cm and rare cusped black fragments that have not been seen before. dykes are 20cm to several metres (around 86-95m) and have wall rock fragments from 10cm to several metres of coarse grained pinkish-green urtite that has strong dike halos and selvages of chlorite after sodic alteration in patchy green black amphibole. rock is still oxidizing to hematite and chlorite because of faults
HK21-009	70.9	71.59	Late Lamp	V6	dk	Medium	Gr	Ox	very fine greenish black intrusive with weak chlorite alteration and submm phenocrysts of biotite. no amygdular calcite. Laura not convinced its a Lamp
HK21-009	71.59	108	HKmz-bx	I7	bx	Large fragments	Gr	Tr	biotite altered neph monz with fine grain reddish black matrix supporting irregular anhedral rounded nepheline to 1cm and rare cusped black fragments that have not been seen before. dykes are 20cm to several metres (around 86-95m) and have wall rock fragments from 10cm to several metres of coarse grained pinkish-green urtite that has strong dike halos and selvages of chlorite after sodic alteration in patchy green black amphibole. rock is still oxidizing to hematite and chlorite because of faults
HK21-009	108	186.32	HKmz-bx	I7	bx	Large fragments	Gr	Fr	biotite altered neph monz with fine grain reddish black matrix supporting irregular anhedral rounded nepheline to 1cm and rare cusped black fragments that have not been seen before. dykes are 20cm to several metres and have wall rock fragments from 10cm to several metres of coarse grained pinkish-green urtite that has strong dike halos and selvages of chlorite after sodic alteration in patchy green black amphibole. rock is still oxidizing to hematite and chlorite because of faults
HK21-009	186.32	188.32	Late Lamp	V6		Fine	Gr	Fr	dark green black fine grain groundmass mafic dyke with few small black specks that could be biotite. 5-10% 1-5mm amygdular calcite and very fine pale green chill margins
HK21-009	188.32	192.16	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	Host is new? Kspar phyric dyke. very fine grain pale green sodic altered zone with melt zones prismatic amphibole and magnetite and phoscorite veins with magnetite and REE minerals
HK21-009	192.16	194.14	Late Lamp	V6		Fine	Gr	Fr	dark green black fine grain groundmass mafic dyke with few small black specks that could be biotite. 5-10% 1-5mm amygdular calcite and very fine pale green chill margins
HK21-009	194.14	203.42	HKphs-Na-bx	HBX	bx	Large fragments	Gr	Fr	Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	203.42	208.9	HKphs-Na-bx	HBX	bx	Large fragments	Gr	Fr	Host is new? Kspar phyric dyke. very fine grain pale green sodic altered zone with angular anhedral Kspar phenos 2-10mm in size with melt zones prismatic amphibole and magnetite and phoscorite veins with magnetite and REE minerals
HK21-009	208.9	226.52	HKmz-bx	I9	bx	Large fragments	Mr	Ox	biotite altered neph monz with fine grain reddish black matrix supporting irregular anhedral rounded nepheline to 1cm and rare cusped black fragments that have not been seen before. dykes are 20cm to several metres and have wall rock fragments from 10cm to several metres of coarse grained pinkish-green urtite that has strong dike halos and selvages of chlorite after sodic alteration in patchy green black amphibole. rock is still oxidizing to hematite and chlorite because of faults
HK21-009	226.52	238.59	Late Lamp	V6		Fine	Gr	Fr	dark green black fine grain groundmass mafic dyke with few small black specks that could be biotite. 5-10% 1-5mm amygdular calcite and very fine pale green chill margins
HK21-009	238.59	248.27	HKphs-Na-bx	HBX		Large fragments	Gr	Ox	Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	248.27	249.13	HKlp1	V9		Coarse	Pk	Fr	late fine grain greenish black groundmass with semi-crowded 50-50 pale green saussuritized 1-5mm euhedral square nepheline and elongate 8mm pink stained Kspar.
HK21-009	249.13	253.3	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	253.3	256.18	Late Lamp	V6			Bl	Fr	dark green black fine grain groundmass mafic dyke with few small black specks that could be biotite. 5-10% 1-5mm amygdular calcite and very fine pale green chill margins
HK21-009	256.18	263.94	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	263.94	266.35	Late Lamp	V6			Bl	Fr	very fine greenish black intrusive with weak chlorite alteration and submm phenocrysts of biotite. no amygdular calcite. Laura not convinced its a Lamp

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-009	266.35	272.15	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	upper contact has wall rock fragments in late lamp. Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	272.15	273.87	Late Lamp	V9			Gr	Fr	very fine greenish black intrusive with weak chlorite alteration and submm phenocrysts of biotite. no amygdular calcite. Laura not convinced its a Lamp
HK21-009	273.87	274.6	HKphs-K	HBX		Large fragments	Gr	Fr	Fragment of very coarse biotite magnetite and apatite phoscorite with subparallel lamprophyre contacts on either side and wall rock contact breccia. possibly getting into core of sturcture before intrusion of late dykes with sodic grading into potassic
HK21-009	274.6	279	Late Lamp	V6			Gr	Fr	very fine greenish black intrusive with weak chlorite alteration and submm phenocrysts of biotite. no amygdular calcite. Laura not convinced its a Lamp
HK21-009	279	280.15	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	upper contact has wall rock fragments in late lamp. Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	280.15	281.24	HKlp1	V9		Coarse	Or	Ox	orange net-textured brecciation with strong intrusive/fault breccia on margin and calcite veins cutting a fine grain acicular feldspar phyric groundmass dominated dyke.
HK21-009	281.24	286.76	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	upper and lower contact have wall rock fragments in late dyke. Pervasive sodic alteration of neph monz intrusive breccia, patches of magnetite at 198 in strange looking phoscorite . pink stained urtite around faults. mottled chlorite overprint. phoscorite veins with magnetite and amphibole in calcite and apatite
HK21-009	286.76	312.91	HKlp1	V9		Coarse	Or	Tr	deep red fine grain chill margin with weathered out acicular phenocrysts leadin into agglomeritic stain textured rock with more and more phenocrysts of feldspar/foid. at 297 phenocrysts gradationally increase to semi-crowded 5-10mm euhedral to subhedral grey-pink feldspars and nepheline in greyish fine grain matrix with 1-2mm biotite. after 311m return to fine grain matrix dominated chill margin with few acicular feldspars
HK21-009	312.91	313.78	HKphs-Na-bx	HBX		Large fragments	Gr	Fr	pale green sodic altered fragment in late porphyry dyke.
HK21-009	313.78	316.4	HKlp1	V9		Coarse	Or	Tr	deep red fine grain chill margin with weathered out acicular phenocrysts leadin into agglomeritic stain textured rock with more and more phenocrysts of feldspar/foid. at 297 phenocrysts gradationally increase to semi-crowded 5-10mm euhedral to subhedral grey-pink feldspars and nepheline in greyish fine grain matrix with 1-2mm biotite. after 311m return to fine grain matrix dominated chill margin with few acicular feldspars
HK21-009	316.4	322.25	HKurt-p	I7		Medium fragments	Gr	Fr	greenish grey fine grarin matrix supported intrusive breccia with subrounded to subangular 1-10cm fragments of urtite and an unknown dark ingneous unit, mm to cm sized white euhedral to anhedral elongated feldspar/foid phenocrysts up to 5%. cut by neph monz dyke at 62.8m. moderate to strong sodic alteration with disseminated fluorapatite Throughout. also cut by biotite selvage veins. infiltration of sodic alteration into neph monz
HK21-009	322.25	328.78	HKsv-bx	HBX		Large fragments	Gr	Fr	grey sovite vein breccia in urtite breccia with porphyry groundmass. Veins are medium grain massive with biotite and magnetite in them and anomalous REE. undulose to anastomozing. locally prismatic looking with biotite. cut by larger coarse white sovite that has sharper edges and many wall rock fragments.
HK21-009	328.78	362.93	HKurt-p	I7		Medium fragments	Gr	Fr	greenish grey fine grarin matrix supported intrusive breccia with subrounded to subangular 1-10cm fragments of urtite and an unknown dark ingneous unit, mm to cm sized white euhedral to anhedral elongated feldspar/foid phenocrysts up to 5%. cut by neph monz dyke at 62.8m. moderate to strong sodic alteration with disseminated fluorapatite Throughout. also cut by biotite selvage veins. infiltration of sodic alteration into neph monz
HK21-009	362.93	366.51	Late Lamp	V6		Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	366.51	376.1	Late Lamp	V6	bx	Large fragments	Gr	Fr	bleached white-green sovites intruding into silicified reddish wfragments of shattered with stockwork calcite veins an open space fluorapatite veins
HK21-009	376.1	378.23	Late Lamp	V6	dk	Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	378.23	381.41	HKlp1	V9	dk	Fine	Or	Fr	Reddish siliceous shatter breccia in fault zone with calcite stockwork, open space and deep staining of fragments to siliceous red colour

VR Resources - H-K Lithology Logs

-Justin Daley



HK21-009	381.41	382.23	Late Lamp	V6	dk	Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	382.23	386.66	HKlp1	V9	dk	Fine	Or	Fr	fine reddish groundmass with few acicular foid grains and irregular phenocrysts. stockwork of narrow calcite veins
HK21-009	386.66	388	Late Lamp	V6	dk	Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	388	391.37	HKlp1	V9	dk	Fine	Or	Fr	fine reddish groundmass with few acicular foid grains and irregular phenocrysts. stockwork of narrow calcite veins
HK21-009	391.37	397.25	Late Lamp	V6	dk	Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	397.25	410.94	HKlp1	V9	dk	Fine	Or	Fr	fine reddish groundmass with few acicular foid grains and irregular phenocrysts. stockwork of narrow calcite veins
HK21-009	410.94	419.33	FBx	HBX	bx	Medium fragments	Rd	Fr	Reddish siliceous shatter breccia in fault zone with calcite stockwork, open space and deep staining of fragments to siliceous red colour. fragments of urtite porphyry and breccia unit
HK21-009	419.33	419.95	FBx	HBX	bx	Medium fragments	Bl	Fr	Dark black fine grain relic biotite? zone that is weakly magnetic with dull orange-red infill and 1cm irregular pockets of crustiform chalcedonic silica throughout that may be after leaching out.
HK21-009	419.95	426.39	Late Lamp	V6	dk	Fine	Gr	Fr	very fine greenish grey intrusive with weak chlorite alteration and submm phenocrysts of biotite. Amygdular calcite. Laura not convinced its a Lamp
HK21-009	426.39	428.4	FBx	HBX	bx	Medium fragments	Gr	Fr	other side of black magnetic unit at 419.5m that hear looks more like a phoscorite with biotite selvage and apatite within. remainder of section is chalcedonic cemented with lamprophyre dyke fragments and locally 1mm bits of fluorite
HK21-009	428.4	468	HKmz-bx	I8	bx	Large fragments	Gr	Fr	biotite altered neph monz with fine grain reddish black matrix supporting irregular anhedral rounded nepheline to 1cm and rare cusped black fragments that have not been seen before. dykes are 20cm to several metres and have wall rock fragments from 10cm to several metres of coarse grained pinkish-green urtite that has strong dike halos and selvages of chlorite after sodic alteration in patchy green black amphibole. rock is still oxidizing to hematite and chlorite because of faults

Logs Complete 2021-12-08 by Justin Daley

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phi	Phi Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other
HK20-001	123	125.8	Inner-Pot																											
HK20-001	125.8	128	Inner-Pot																											
HK20-001	325	332.6	Inner-Pot																											
HK20-001	332.6	334																												
HK20-001	342.2	343.7	Inner-Pot																											

HK20-002	39.3	45	Arg																		5	Rp									
HK20-002	45	75	Outter-Pot					5	D												6	Rp									
HK20-002	75	105	Outter-Pot					3	Rv			3	Rv																		
HK20-002	105	140	Outter-Pot									2	Rv								5	D									
HK20-002	140	151	Outter-Pot									2	Rv								5	D									
HK20-002	151	154.4	Outter-Pot									2	Rv								5	D									
HK20-002	154.4	159.6	disProp																									5	Rp		
HK20-002	159.6	165.5	Outter-Pot					3	Rv			4	Rc								5	Rp									
HK20-002	165.5	168.5	CCC																												
HK20-002	168.5	178	Outter-Pot					3	Rv			4	Rc								5	Rp									
HK20-002	178	195	CCC	3	Rmx							3	Rv																		
HK20-002	195	204	CCC	3	Rmx							3	Rv																		
HK20-002	204	222	CCC	3																											
HK20-002	222	268	CCC	3																											
HK20-002	269	270.8	disProp	3	V																3	Rx									
HK20-002	270.8	285	Inner-Pot									5	Rv			3	Rmx				5	Rp									
HK20-002	285	295	Inner-Pot					3	Rp			4	Rv			5	Rmx														
HK20-002	295	296	CCC																												
HK20-002	296	319	Inner-Pot									5	Rv			3	Rmx														
HK20-002	319	325.2	Outter-Pot									2	Rp																		
HK20-002	325.2	327.2	CCC																												
HK20-002	327.2	329	Outter-Pot																												
HK20-002	329	331.4	CCC																												
HK20-002	331.4	351	Inner-Pot					4	Pchy			6	Rp			3	D														
HK20-002	351	359	Outter-Pot					3	Rv			4	Pchy																		
HK20-002	359	387	Outter-Pot					4	Rm			5	Rp															5	F		
HK20-002	387	389	Inner-Pot									5	Rv																		
HK20-002	389	410.8	Outter-Pot	2	Pchy							3	Rp																		

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK20-001	123	125.8	
HK20-001	125.8	128	
HK20-001	325	332.6	
HK20-001	332.6	334	
HK20-001	342.2	343.7	
HK20-002	39.3	45	looks like typical intense potassic alteration overprinted by supergene argillic alteration. bleaching of Rock makes magnetite seams more evident, oxidized to hematite.
HK20-002	45	75	replacement of essexite by magnetite, green chlorite, lots of calcite and dark black plates of biotite. many sovite dyklets, few alteration halos on them.
HK20-002	75	105	into zone of fine grain phonolite breccia with blocks of sovite and essexite, all green-grey. more reddish shreddy biotite around sovite but not intense. seams of magnetite replacement around what looks like silica-epidote clots in places.
HK20-002	105	140	into zone of weakly altered fine grain phonolite with sovite veins and large phlogopite phenocrysts , all green-grey. more reddish shreddy biotite around sovite but not intense. seams of magnetite replacement around what looks like epidote clots in places.
HK20-002	140	151	into zone of weakly altered fine grain phonolite with sovite veins and large phlogopite phenocrysts , all green-grey. more reddish shreddy biotite around sovite but not intense. seams of magnetite replacement around what looks like epidote clots in places.
HK20-002	151	154.4	into zone of weakly altered fine grain phonolite with sovite veins and large phlogopite phenocrysts , all green-grey. more reddish shreddy biotite around sovite but not intense. seams of magnetite replacement around what looks like epidote clots in places.
HK20-002	154.4	159.6	late lamprophyre with no calcite alteration and green to red occur from chlorite and hematite
HK20-002	159.6	165.5	chaotic breccia zone with sovite invasion along with phonolite and ijolite with strong shreddy biotite and calcite throughout. magnetite and fluorite locally within the sovite. some bleaching attends late creamy veining
HK20-002	165.5	168.5	late fluids coming up with low temperature veins. weirdly can see some chalcopyrite.
HK20-002	168.5	178	chaotic breccia zone with sovite invasion along with phonolite and ijolite with strong shreddy biotite and calcite throughout. magnetite and fluorite locally within the sovite. some bleaching attends late creamy veining
HK20-002	178	195	nepheline sites are orangey and replaced by silica? magis sites are totally replaced and variably by biotite. most intense shreddy biotite is around veinlets and sovites
HK20-002	195	204	nepheline sites are orangey and replaced by silica? magis sites are totally replaced and variably by biotite. most intense shreddy biotite is around veinlets and sovites
HK20-002	204	222	greenish rock with no clear replacement by biotite yet rock is totally replaced by chlorite and the magics look fine and recrystallized. phonolites look fresh and have much calcite
HK20-002	222	268	greenish rock with no clear replacement by biotite yet rock is totally replaced by chlorite and the magics look fine and recrystallized. phonolites look fresh and have much calcite
HK20-002	269	270.8	Red silica and calcite replacing around and within biotite phenocrysts. Mottled red staining throughout, greenish towards lower contact
HK20-002	270.8	285	Fluorite and calcite replaced olivine phenocrysts within ground mass of grey replaced fine groundmass possibly all biotite? But around veins and sovites is coarser shreddy red-black biotite. Local flooding of magnetite where fluorite is strongest.
HK20-002	285	295	Sting buff colour replacement of groundmass with Fluorite and calcite replaced olivine phenocrysts within ground mass of grey replaced fine groundmass possibly all biotite? But around veins and sovites is coarser shreddy red-black biotite. Local flooding of magnetite where fluorite is strongest.
HK20-002	295	296	Chlorite replacement around high core angle extensional vein features, broken up and re-invaded.
HK20-002	296	319	Buff leucoxene looks like pyrite bands in brecciated banded zone. Fluorite and calcite replaced olivine phenocryst? Magnetite is quite variable. Biotite selvage seen
HK20-002	319	325.2	in equigranular zone of essexite is consistent replacement by shreddy biotite, calcite, and fine magnetite throughout. no sovite veins, just planar and cusped carbonate veins
HK20-002	325.2	327.2	chlorite clay alteration and carbontite through structural breaks on fresh lamprophyre
HK20-002	327.2	329	in equigranular zone of essexite is consistent replacement by shreddy biotite, calcite, and fine magnetite throughout. no sovite veins, just planar and cusped carbonate veins with strong selvage of black shreddy biotite
HK20-002	329	331.4	chlorite clay alteration and carbontite through structural breaks on fresh lamprophyre
HK20-002	331.4	351	chaotic zone of sovite dyke and massive biotite replacement. large angular blocks of magnetite. sovite veins are angular and squeezing into angular breaks, dark blue colour indicating fluorite.
HK20-002	351	359	in equigranular zone of essexite is consistent replacement by shreddy biotite, calcite, and fine magnetite throughout. no sovite veins, just planar and cusped carbonate veins with strong selvage of black shreddy biotite
HK20-002	359	387	totally replaced phonolite? that has black splotched of black shreddy biotite after phenocrysts. with sovites and many high temp veins cutting. groundmass is uniformly recrystallized and magnetic. black chlorite on rubble fracture common
HK20-002	387	389	rusty red coarse shreddy biotite Layered into angular sovite breccia and heavy selvage on margins. some pyrite and hematite? within?
HK20-002	389	410.8	moderately replaced fine phonolite? with no more black chlorite on fractures. local clots of epidote silica around 397m in xenolith area

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other
HK20-002	410.8	417	Inner-Pot									5	Rv							3	V							4	Rx	
HK20-002	417	421.1	Inner-Pot	1								5	Rv							5	D									
HK20-002	421.1	422.2	Inner-Pot									5	Rv							5	D									
HK20-002	422.2	425.2	Inner-Pot									5	Rv							3	V							3	Rv	
HK20-002	425.2	431	Inner-Pot									5	Rv							3	V							5	Rv	
HK20-002	431	442	Inner-Pot									5	Rv															5	Rv	
HK20-002	442	475	Fenite					4	Rc			6	Rmx			5	Rmx													
HK20-002	475	478	Inner-Pot					4	Rc			3	Rmx																	
HK20-002	478	495	Fenite					4	Rc			6	Rmx			5	Rmx													
HK20-002	495	501	Fenite	6	Rp							6	Rmx																	
HK20-002	501	507	Fenite					4	Rc			6	Rmx			5	Rmx													
HK20-002	507	518	Fenite									3	Rv							2	D							3	Str	
HK20-002	518	529	Inner-Pot									4	Rv							2	D							3	Str	
HK20-002	529	537	Inner-Pot									4	Rv							2	D							3	Str	
HK20-002	537	544.5	Outter-Pot	6	Rp							6	Rmx																	
HK20-002	544.5	560	Inner-Pot									4	Rv							2	D							3	Str	
HK20-002	560	569	Outter-Pot	4	Rp																							3	Rv	
HK20-002	569	580.7	Outter-Pot																											
HK20-002	580.7	588.75	Sodic																							2	Rv			
HK20-002	588.75	589.9	Sodic																							4	Rv			
HK20-002	589.9	606	Sodic									5	Rm													3	Rv			

HK20-003 0 5 disProp

HK20-004	37.8	40.3	Arg																											
HK20-004	40.3	45.12	Outter-Pot																											
HK20-004	45.12	49.8	CCC																											
HK20-004	49.8	55.6	Inner-Pot											2	Rx			4	Rmx											
HK20-004	55.6	59.5	Inner-Pot											3	Rx			6	Rmx											
HK20-004	59.5	60.21	Inner-Pot											2	Rx							4	Rmx							
HK20-004	60.21	67.23	CCC																	4	OS									
HK20-004	67.23	68.75	Inner-Pot																											
HK20-004	68.75	72.3	Inner-Pot					4	D					2	Rx							4	Rmx							

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK20-002	410.8	417	very dark black biotite with lamellar zoning of fluorite locally around 411 and pervasive calcite. in some places the margins of a sovite have chalkboard black very fine replacement that streaks tan, black chlorite very fine? it is also seen angular class within sovite breccia. immediately adjacent is very soft greenish zone with no fizz at 412.7. dark grey alteration is clearly driven by carbonate veinlets with deep grey selvages. aphanitic phonolite is denser and less flakey the more
HK20-002	417	421.1	creamy greenish silica with small angular fragments at top of large sovite section. above and below are reddish shreddy biotite replacement. local bluish colour from fluorite?
HK20-002	421.1	422.2	creamy greenish silica with small angular fragments at top of large sovite section. above and below are reddish shreddy biotite replacement. local bluish colour from fluorite?
HK20-002	422.2	425.2	rusty red coarse shreddy biotite Layered into angular sovite breccia and heavy selvage on margins. some pyrite and hematite? within?
HK20-002	425.2	431	rusty red coarse shreddy biotite Layered into angular sovite breccia and heavy selvage on margins. some pyrite and hematite? within?
HK20-002	431	442	local epidote clots and replacement in chaotic dark breccia. dark grey alteration is clearly driven by carbonate veinlets with deep grey selvages. aphanitic phonolite is denser and less flakey than the more coarse groundmass, which is greener
HK20-002	442	475	very intense and total recrystallized essexite?with biotite- magnetite - fluorite - calcite replacement , scattered pyrrhotite in both sovite and wallrock
HK20-002	475	478	very intense and total recrystallized essexite blocks in phonolite magmatic hydrothermal breccia. with biotite- magnetite - fluorite - calcite replacement , scattered pyrrhotite in both sovite and wallrock
HK20-002	478	495	very intense and total recrystallized essexite blocks in phonolite magmatic hydrothermal breccia. with biotite- magnetite - fluorite - calcite replacement , scattered pyrrhotite in both sovite and wallrock
HK20-002	495	501	silicified zone with greenish color, cut by invasion of purple biotite cemented invasion breccia with sub-cm scale blue sovite fragments with pyrrhotite. silicified rock is very hard and seems to predate invasion, vein selvages are narrow here, also hosts pyrrhotite seams. internal zones are almost pinkish and looks igneous
HK20-002	501	507	very intense and total recrystallized essexite blocks in phonolite magmatic hydrothermal breccia. with biotite- magnetite - fluorite - calcite replacement , scattered pyrrhotite in both sovite and wallrock
HK20-002	507	518	
HK20-002	518	529	sovite associated biotite and magnetite alteration, the ground mass of streaming hydrothermal-magmatic is totally altered to biotite and has many surrounded pebble fragments of bluish calcite with pyrrhotite
HK20-002	529	537	sovite associated biotite and magnetite alteration, the ground mass of streaming hydrothermal-magmatic is totally altered to biotite and has many surrounded pebble fragments of bluish calcite with pyrrhotite
HK20-002	537	544.5	silicified zone with greenish color, cut by invasion of purple biotite cemented invasion breccia with sub-cm scale blue sovite fragments with pyrrhotite. silicified rock is very hard and seems to predate invasion, vein selvages are narrow here, also hosts pyrrhotite seams. internal zones are almost pinkish and looks igneous
HK20-002	544.5	560	
HK20-002	560	569	silicified zone with greenish color, cut by invasion of purple biotite cemented invasion breccia with sub-cm scale blue sovite fragments with pyrrhotite. silicified rock is very hard and seems to predate invasion, vein selvages are narrow here, also hosts pyrrhotite seams. internal zones are almost pinkish and looks igneous
HK20-002	569	580.7	Bands of blocky biotite replacing or streaming into fine grain rock, roughly every 0.5 to 1m. Tough to tell if ground mass is altered or by what, some hard reddish replacement around dark veins and amongst biotite bands
HK20-002	580.7	588.75	Malignite looking zone with angular clots and veins of dark grey calcite around 30cm sovite dyke at 583m. The rock has intense biotite replacement seems to stream up core axis 1-4mm blocky books and massive replacement. Magnetite phenocrysts floating amongst biotite especially near sovite. Orange-red silica? Interstitial to some biotite zones.
HK20-002	588.75	589.9	Weak calcite magnetite alteration through lamp. What does fresh look like?
HK20-002	589.9	606	Bands of blocky to shreddy black to red biotite replacing or streaming into fine grain rock, roughly every 0.5 to 1m. Tough to tell if ground mass is altered or by what but has calcite throughout and chlorite over print around late carbonate veins, some hard reddish-orange replacement around dark veins and amongst biotite bands
HK20-003	0	5	
HK20-004	37.8	40.3	clay-chlorite-carbonate alteration in regolith with many cross cutting calcite veins and calcite amydules. rock matrix is muddy and clay chlorite altered.
HK20-004	40.3	45.12	biotite pervasively altering the mafic groundmass of essexite. carbonate disseminated throughout. hairline calcite with narrow black biotite selvage.
HK20-004	45.12	49.8	clay-chlorite-carbonate alteration much more intense in regolith with many cross cutting calcite veins and calcite amydules. rock matrix is muddy and clay chlorite altered.
HK20-004	49.8	55.6	large fault gouge zone at top of phoscorite section with strong clay alteration. fragments are silica and Kspar rich (pink-pale white) grading into coarse phoscorite margin of magnetite-amphibole-phlogopite-calcite with dyke cores of magnetite.
HK20-004	55.6	59.5	Phoscorite with intense apatite at cores and acicular magnetite needles, margins have amphibole-biotite-calcite.
HK20-004	59.5	60.21	same textured phoscorite but with yellowish dolomite-ankerite-calcite dominating the hydrothermal cores with less acicular magnetite. amphibole are growing from vein margins up to 2cm in diameter with 60-120 crystal habit.
HK20-004	60.21	67.23	clay-chlorite-carbonate alteration much more intense in regolith with many cross cutting calcite veins and calcite amydules. rock matrix is muddy and clay chlorite altered.
HK20-004	67.23	68.75	same textured phoscorite but with yellowish dolomite-ankerite-calcite dominating the hydrothermal cores with less acicular magnetite. amphibole are growing from vein margins up to 2cm in diameter with 60-120 crystal habit.
HK20-004	68.75	72.3	phoscorite and sovite veins in HKmz. moderate strong biotite replacement in fine grain wall rock, veins are calcite-dolomite (yellow) with large euhedral biotite on selvage, minor amphibole. zones of Kspar syenite porphyry dyke are comingled with phoscorite and have very strong pink stain of primary kspar that washes into surrounding rock @ 71.3m

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other	
HK20-004	72.3	80	Outter-Pot											4	OS																
HK20-004	92.2	98.4	Outter-Pot					3	D			5	Rp							4	Rmx			2	Rmx						
HK20-004	98.4	110.07	CCC																	3	OS			3	OS			3	Rx	ser	
HK20-004	110.07	113.35	CCC																	3	OS			3	OS					ser	
HK20-004	113.35	117.15	CCC																	3	Pchy							3	Rx	ser	
HK20-004	117.15	127.19	CCC																											cl	
HK20-004	127.19	133	Inner-Pot																												
HK20-004	133	140	Outter-Pot	2	Rv		2	Rv		4	Rv																				

HK21-005	42.37	44.45	Outter-Pot					2	D			5	Rp								3	C									
HK21-005	44.45	56.41	Outter-Pot									3	D								5	D						3	D		
HK21-005	59.32	60.42	Outter-Pot							2	Vs	3	D																		
HK21-005	60.42	80.75	Outter-Pot					4	Pchy			4	D					2	Rv		2	D									
HK21-005	80.75	84.15	Outter-Pot					3	Pchy			6	Rp					2	Pchy		2	D									
HK21-005	84.15	84.84	Outter-Pot					2	Pchy			3	Rp					2	Pchy		2	D									
HK21-005	84.84	90.85	Outter-Pot					3	Pchy			6	Rp					2	Pchy		2	D									
HK21-005	90.85	94.96	Outter-Pot					2	Pchy			4	Rp								2	D									
HK21-005	94.96	96	Outter-Pot					2	C			5	Rp								1	D									
HK21-005	96	101.05	Outter-Pot					2	C			4	Rp								2	D									
HK21-005	101.05	109.28	Outter-Pot					3	C			5	Rp								3										
HK21-005	109.28	109.66	Sil-Sodic	4	Rv							2	D								4	Rv									
HK21-005	109.66	111.3	Outter-Pot					2	C			5	D								5	D									
HK21-005	111.3	112.38	Outter-Pot					5	C			6	D								5	D									
HK21-005	112.38	115.12	Outter-Pot					2	C			5	D								5	D									
HK21-005	115.12	130.81	Outter-Pot									4	D								5	D									
HK21-005	130.81	135.81	Outter-Pot					4	D			5	D								4	D									
HK21-005	135.81	145.77	Outter-Pot					4	D			4	D								5	D									
HK21-005	145.77	150.04	Outter-Pot					5	C			5	D								3	D									
HK21-005	150.04	151.33	Outter-Pot					5	C			6	D								2	D									
HK21-005	151.33	163.32	Outter-Pot					3	C			4	D								2	C									
HK21-005	163.32	164.37	Outter-Pot					2	D			2	F								3	Rx									
HK21-005	164.37	173	Outter-Pot					3	C			4	Rp								4	D									
HK21-005	173	176.69	Outter-Pot					4	D			6	Rp								3	D									
HK21-005	176.69	184.75	Outter-Pot					3	Rc			5	Rc								3	D									
HK21-005	184.75	186	Sil-Sodic	4	Rv																							3	Rv	CCC	
HK21-005	186	194.55	Outter-Pot					3	Rc			5	Rc								3	D									
HK21-005	194.55	217.53	Outter-Pot					3	Rc			5	Rc								3	D									
HK21-005	217.53	222	Outter-Pot					3	D			3	Rv								3	Rx									
HK21-005	222	229.3	Sodic																						4	Rx					
HK21-005	229.3	233.83	Outter-Pot					3	D			3	Rv								3	Rx									
HK21-005	233.83	238.65	Inner-Pot					3	Rx			3									4	Rmx					3	Rm			

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK20-004	72.3	80	strong fibrous phlogopite in 2cm veins with local hematite and pyrite, REE kick. Silica seam at 82m. Kspar wash at 74m also has REE
HK20-004	92.2	98.4	very strong fine biotite replacement of neph-phonolite heading into fault. matrix of fault has strong calcite grading into cemented rock flour matrix.
HK20-004	98.4	110.07	sericite replacing small feldspar phenos and chlorite after biotite phenos, still glassy green on margins. calcite and ankerite infilling crackle breccia and veining.
HK20-004	110.07	113.35	ankerite and calcite dominating the cementation of fault breccia, weak reaction rim on late porphyry dyke fragments
HK20-004	113.35	117.15	
HK20-004	117.15	127.19	ankerite and calcite dominating the cementation of fault breccia, weak reaction rim on late porphyry dyke fragments
HK20-004	127.19	133	
HK20-004	133	140	strong biotite-magnetite replacement of HKmz with finer grained dykelets that are siliceous and greenish. fluorite associated with sovites near end. bands of felsic dykelets have silicification and Kspar.

HK21-005	42.37	44.45	
HK21-005	44.45	56.41	Rock has greenish tinge possibly due to chlorite alteration
HK21-005	59.32	60.42	Hematite preferentially alters feldspar around the vein
HK21-005	60.42	80.75	Apatite in vein and patchy in halo
HK21-005	80.75	84.15	intense biotite and magnetite alteration in magmatic hydrothermal breccia. matrix is completely altered and medium grain. local apatite in matrix near 90m
HK21-005	84.15	84.84	intense biotite and magnetite alteration in magmatic hydrothermal breccia. matrix is completely altered and medium grain. local apatite in matrix near 90m
HK21-005	84.84	90.85	intense biotite and magnetite alteration in magmatic hydrothermal breccia. matrix is completely altered and medium grain. local apatite in matrix near 90m
HK21-005	90.85	94.96	pervasive biotite replacement with local patches of magnetite and weak calcite
HK21-005	94.96	96	Zone of deep black with streaming pyrite. clots of magnetite. trace calcite
HK21-005	96	101.05	
HK21-005	101.05	109.28	
HK21-005	109.28	109.66	increased veining in faulted area. mostly calcite-carbonate
HK21-005	109.66	111.3	
HK21-005	111.3	112.38	Area of stronger biotite and magnetite
HK21-005	112.38	115.12	
HK21-005	115.12	130.81	Biotite in ijolite fragments range from 4 to 5 in intensity but 0-1 in the nepheline monzosyenite porphyry. Calcite is strong in the ijolite also, but 0-1 in the nepheline syenite monzosyenite. Biotite-calcite veins cut both rock types
HK21-005	130.81	135.81	
HK21-005	135.81	145.77	
HK21-005	145.77	150.04	
HK21-005	150.04	151.33	Areas of strong magnetite but in clots
HK21-005	151.33	163.32	Variable magnetite and cal through unit. Ranges from weak to mod.
HK21-005	163.32	164.37	Biotite occurs as haloes around veins
HK21-005	164.37	173	
HK21-005	173	176.69	very intense biotite alteration of monzo groundmass.
HK21-005	176.69	184.75	monzosyenite fragments and wall rock is intensely biotite-magnetite altered while syenite porphyry dykes are weakly biotite altered veinlets.
HK21-005	184.75	186	silica annealed vein zone with chlorite carb halo.
HK21-005	186	194.55	monzosyenite fragments and wall rock is intensely biotite-magnetite altered while syenite porphyry dykes are weakly biotite altered veinlets.
HK21-005	196.43	217.53	monzosyenite fragments and wall rock is intensely biotite-magnetite altered while syenite porphyry dykes are weakly biotite altered veinlets.
HK21-005	217.53	222	biotite alteration around veinlets. calcite after some phenocrysts. magnetite disseminated throughout.
HK21-005	222	229.3	sodic amphibole replacement of amphiboles and some biotite within the sodic phoscorite
HK21-005	229.3	233.83	biotite alteration around veinlets. calcite after some phenocrysts. magnetite disseminated throughout.
HK21-005	233.83	238.65	phoscorite zone with euhedral orthoclase in calcite-apatite

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other		
HK21-005	238.65	247.39								4	Rm	3																				
HK21-005	247.39	248.59	Calcic-Pot					3	D			3	D							2	Rx											
HK21-005	248.59	251.21	Sodic					3	C			3	D					3	C	4	Rv					3	Rm					
HK21-005	251.21	292.45	Calcic-Pot				1	Rv	3	Pchy		3	D							4	D					2	D					
HK21-005	292.45	293.24	Sodic				2	Rv	3	C		3	D			1	D	3	C	5	Rv					3	Rm					
HK21-005	293.24	295.53	Sil-Sodic	3	Pchy			2				3	D			1	D			4	D											
HK21-005	295.53	298.5	Calcic-Pot					3				3	Rv			3	D			4	D					2	D					
HK21-005	298.5	308.92	Calcic-Pot					4				4	Rv							4	D					2						
HK21-005	308.92	311.84	Sodic					3				3	D							5	Rv					3	Rv					
HK21-005	311.84	318.21	Outter-Pot					4				5	Rp							4	D											
HK21-005	318.84	322.06	Outter-Pot					4				3	D							4	D											
HK21-005	322.06	322.77	Sodic					1	D			3	OS							3	D					3	Rm					
HK21-005	322.77	338.52	Outter-Pot					3	D			3	D							2	D					1	C					
HK21-005	338.52	342.44	Calcic-Pot					1	D			5	D					3	C	3	D					3	Rm					
HK21-005	342.44	343.35	Outter-Pot					3	D			3	D							2	D											
HK21-005	343.35	345.69	CCC									2	D							2	D							3	D		cl	
HK21-005	345.69	351.53	Outter-Pot					3	Pchy			3	D							3	D											
HK21-005	351.53	352.6	CCC					2	D											3	D							3	D		cl	
HK21-005	352.6	355.42	CCC									2	C							3	C							3	D		cl	
HK21-005	355.42	358.36	Outter-Pot					2	Pchy			3	D							3	D						2					
HK21-005	360	366.92	Outter-Pot					4	D			2	D							3												
HK21-005	366.92	369.3	CCC																	2	D						2	D			cl	
HK21-005	369.3	378.99	Outter-Pot					1	D			3	D							5	D											
HK21-005	378.99	381.8	CCC					2	D			3	D							4	D							1	D		cl	
HK21-005	381.8	421.81	Outter-Pot					3	D			3	D							3	D											cl
HK21-005	421.81	437	CCC																	4	D							3	Rp		cl	
HK21-005	437	444.78	Outter-Pot					2	Pchy			2	Rv							3	D											
HK21-005	450.39	452.81	Outter-Pot					2	Pchy			2	Rv							4	D											
HK21-005	455.92	472.27	Outter-Pot					2	Pchy			2	Rv																			
HK21-005	472.27	478.03	CCC																													cl
HK21-005	478.03	479.01	Outter-Pot					2	Pchy			2	Rv																			
HK21-005	479.01	479.76	CCC																													cl
HK21-005	479.76	492.34	Outter-Pot					3	D			2	Rv							4	D											
HK21-005	493.61	497.34	Outter-Pot					3	D			2	Rv							4	D											
HK21-005	499.83	528	Outter-Pot					3	D			3	Rv							4	D											

HK21-006	46.4	51.25	Outter-Pot					3	Pchy			4	Rmx							5	D										hem
HK21-006	51.25	75.75	Outter-Pot					4	D			3	Rv							5	D										hem
HK21-006	75.75	77.18										3	Rc																		hem
HK21-006	77.18	80.79	Outter-Pot					4	D			3	Rv							5	D										hem

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-005	238.65	247.39	strong hematite stain with variable appearance. no other apparent alteration. fluorapatite clots and veinlets.
HK21-005	247.39	248.59	blue-black alteration of syenite porphyry dykes. disseminated and prismatic biotite around phoscorite veins. wall rock fragments are more intensely altered biotite. bluish colour result of calcic amphibole alteration?
HK21-005	248.59	251.21	sodic amphibole replacement of amphiboles and some biotite within the sodic phoscorite
HK21-005	251.21	292.45	blue-black alteration of syenite porphyry dykes. disseminated and prismatic biotite around phoscorite veins. wall rock fragments are more intensely altered biotite. bluish colour result of calcic amphibole alteration?
HK21-005	292.45	293.24	sodic amphibole replacement of amphiboles and some biotite within the sodic phoscorite
HK21-005	293.24	295.53	patches of hard yellowish brown semi-translucent silica replacement rather than the bluish-black amphibole-biotite alteration around it
HK21-005	295.53	298.5	blue-black alteration of syenite porphyry dykes. disseminated and prismatic biotite around phoscorite veins. wall rock fragments are more intensely altered biotite. bluish colour result of calcic amphibole alteration?
HK21-005	298.5	308.92	blue-black alteration of syenite porphyry dykes. disseminated and prismatic biotite around phoscorite veins. wall rock fragments are more intensely altered biotite. bluish colour result of calcic amphibole alteration?
HK21-005	308.92	311.84	sodic amphibole replacement of amphiboles and some biotite within the sodic phoscorite
HK21-005	311.84	318.21	intense biotite replacement of monzosyenite
HK21-005	318.84	322.06	blue-black alteration of syenite porphyry dykes. disseminated and prismatic biotite around phoscorite veins. wall rock fragments are more intensely altered biotite. bluish colour result of calcic amphibole alteration?
HK21-005	322.06	322.77	Bue-grey amphibole occurs in the phoscorite with subordinate prismatic biotite crystals. Ares in the phoscorite are pink which may be calcite or apatite. Biotite also occurs disseminated altering the neph syenite porphyry wall rock.
HK21-005	322.77	338.52	Black-grey weak to mod biotite altered rock with weak patches of greenish-grey amphibole in patches of phoscorite. Green soft mineral occurs along discontinuous veins. Unsure what the green mineral is.
HK21-005	338.52	342.44	Phoscorite unit is dominated by biotite alteration over amphibole. Amphibole is grey green and forms as anhedral clots whereas biotite occurs as fgr to cgr prismatic grains that can occur along the vein margin and withint the vein. At bottom of the phoscorite there are two clots that are pink. The last clot consists of a 15 cm patch dominated by apatite with minor calcite and biotite and the other 19 cm patch appears to be dominated by calcite with apatite or may fluorapatite and biotite.
HK21-005	342.44	343.35	Black-grey weak to mod biotite altered rock .
HK21-005	343.35	345.69	Clay is controlled along the two fractures in the fault zone, minor amounts of non-faulted material in this alteration zone.
HK21-005	345.69	351.53	Weak to mod black biotite disseminated in the host rock, patchy moderate magnetite. Large areas of sovite and a low angle fluorapatite vein with lots of well developed euhedral crystals.
HK21-005	351.53	352.6	
HK21-005	352.6	355.42	Area is affected by two fault zones, the alteration includes clay, green chlorite and calcite. Areas of bright green chlorite is patchy and is an unusual colour. There is also darker green chlorite disseminated in the fault areas.
HK21-005	355.42	358.36	Minor areas of green mineral (chl?) occurs downhole of fault. Unit is weak to moderately altered by black biotite.
HK21-005	360	366.92	Very weak disseminated biotite. primary texture is visible
HK21-005	366.92	369.3	Fault zone contains moderate to strong clay alteration. Very strong clay in the gouge areas.
HK21-005	369.3	378.99	
HK21-005	378.99	381.8	Fault zone with 2 zone. Upper zone is small 10 cm and bottom zone is 57 cm that is full of clay.
HK21-005	381.8	421.81	Black-grey rock with weak to mod biotite alteration. Minor Clay alteration from 389.86-390.09 m in small fault gouge
HK21-005	421.81	437	fault zone with calcite veins at core. pervasive chlorite and clay alteration in halo around it
HK21-005	437	444.78	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	450.39	452.81	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	455.92	472.27	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	472.27	478.03	Minor clay in unit in faulted areas.
HK21-005	478.03	479.01	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	479.01	479.76	Minor clay in unit in faulted areas.
HK21-005	479.76	492.34	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	493.61	497.34	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-005	499.83	528	weakening outer potassic alteration with just biotite seen on early calcite vein selvages and magnetite weak and patchy, predominantly in matrix of neph syenite porphyry dykes.
HK21-006	46.4	51.25	moderate to strong biotite alteration of black ijolite/essexite, especially around sovite breccia
HK21-006	51.25	75.75	weak to moderate biotite-magetite alteration of dykes with black selvages on minor veins. host rock/fragments are variably altered but mostly strong. calcite throughout. hematite stain.
HK21-006	75.75	77.18	strong oxidation of fragments or strong specularite crystallization at core of sovite here.
HK21-006	77.18	80.79	weak to moderate magnetite alteration throughout but especially strong in the neph syenite dykes, biotite alteration is decreasing through this section. calcite throughout

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other
HK21-006	80.79	82.08										3	Rx																	hem
HK21-006	82.08	86.75	Outter-Pot					3	D			3	Rv								4	D								hem
HK21-006	88	90.7	Outter-Pot					2	D			3	D								5	D								
HK21-006	92.58	106.49	Outter-Pot					3	D			4									4	Rmx								
HK21-006	106.49	112.14	Outter-Pot									5	Rc								4									
HK21-006	112.14	115.54	Calcic-Pot					3	D			3	Pchy								5	Rp								
HK21-006	115.54	117.37	Calcic-Pot					3	D			2	Pchy								5	Rp				5	Rp			
HK21-006	117.37	167.85	Calcic-Pot					3	D			3	Pchy								5	Rp				5	Rp			
HK21-006	167.85	168.47										1	Rv																	
HK21-006	168.47	170.79	Sil-Sodic	4	Rmx																3	Rmx			3	Rmx				
HK21-006	170.79	193	Calcic-Pot					3	D			3	Rv			3	Rv										5	Rp		
HK21-006	193	195.71																												
HK21-006	195.71	199.94	CCC							2	A										4	D								Arg
HK21-006	199.94	202.49																												
HK21-006	202.49	207.54	Calcic-Pot					4	D			2	Rv								4	D					4	Rp		
HK21-006	207.54	210.29																			3	D								
HK21-006	210.29	248.75	Calcic-Pot					3	D			2	Rv								4	D					3	D		
HK21-006	249.86	258.3	Calcic-Pot					3	D			2	Rv								4	D					3	D		
HK21-006	258.3	281.6	Outter-Pot					4	D			4	C								4	D						Rv		
HK21-006	281.6	285.95	CCC																									3	F	cl
HK21-006	285.95	293.21	Outter-Pot					4	D			4	C								4	D						Rv		
HK21-006	293.21	294.88	Outter-Pot																											
HK21-006	294.88	328.1	Outter-Pot					4	D			4	C								4	D						Rv		
HK21-006	328.88	331.48	Sodic					3	D			4	Rc			2	D				4	Rmx					3	Rc		
HK21-006	331.48	338.36	Outter-Pot					2	C			3	Rmx																	
HK21-006	338.36	339.53	Outter-Pot					3	D			4	Rc														3	Rc		
HK21-006	340.6	343.43	Outter-Pot					3	D			4	Rc														3	Rc		
HK21-006	343.43	345.99	Outter-Pot					5	C			2	Rc			3	Rv	3	Rv											
HK21-006	345.99	349.18	Outter-Pot					2	D																					
HK21-006	349.18	350.65	Outter-Pot					4	C			2	Rc																	
HK21-006	350.65	353.37	Outter-Pot					3	C			2	Rc																	
HK21-006	353.57	359.03	Outter-Pot					4	C			2	Rc																	
HK21-006	359.03	370.86	Sodic							2	D	3	Rv														5	Rp		
HK21-006	370.86	373.12	Outter-Pot					2				2	D																	
HK21-006	373.12	374.97	Sodic							2	D	3	Rv														5	Rp		
HK21-006	374.97	382.18	Outter-Pot					2				2	D																	
HK21-006	382.18	391.84	Sodic							2	D	4	Rv														5	Rp		
HK21-006	391.84	405.35	CCC					2	Rv	2	Vs	2	Rv																	CCC
HK21-006	405.35	406.85	Sodic							3	D	2	Rv								2	D					5	Rp		
HK21-006	406.85	407.55	Outter-Pot					2	D												2	D					2	Rm		

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-006	80.79	82.08	
HK21-006	82.08	86.75	weak to moderate magnetite alteration throughout but especially strong in the neph syenite dykes, biotite alteration is decreasing through this section. calcite throughout
HK21-006	88	90.7	weak to moderate magnetite alteration throughout but especially strong in the neph syenite dykes, biotite alteration is decreasing through this section. calcite throughout
HK21-006	92.58	106.49	weak to moderate magnetite alteration throughout but especially strong in the neph syenite dykes, biotite alteration is decreasing through this section. calcite throughout
HK21-006	106.49	112.14	wall rock alteration to intense biotite alteration around the sovites
HK21-006	112.14	115.54	
HK21-006	115.54	117.37	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	117.37	167.85	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	167.85	168.47	very weak blackish biotite? selvage on calcite veins
HK21-006	168.47	170.79	annealed fault breccia with silica and reddish calcite/ankerite
HK21-006	170.79	193	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	193	195.71	
HK21-006	195.71	199.94	clay altered feldspar phenocrysts bleached white and altered to clay. weird spotted staining of rock to tan-red colour
HK21-006	199.94	202.49	
HK21-006	202.49	207.54	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	207.54	210.29	
HK21-006	210.29	248.75	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	249.86	258.3	very hot looking amphibole? biotite and calcite altered essexite with nepheline syenite porphyry dykes either replaced by calcite or the sovites are biotite phyrlic.
HK21-006	258.3	281.6	potassic alteration picking up around sovite breccias, but so is the sodic amphibole alteration
HK21-006	281.6	285.95	clay chlorite calcite around lamprophyrr
HK21-006	285.95	293.21	potassic alteration picking up around sovite breccias, but so is the sodic amphibole alteration
HK21-006	293.21	294.88	
HK21-006	294.88	328.1	potassic alteration picking up around sovite breccias, but so is the sodic amphibole alteration
HK21-006	328.88	331.48	clasts in sovite breccia have biotite alteration at cores and rims of green sodic alteration on contact of fragments with sovite.
HK21-006	331.48	338.36	weak biotite alteration of matrix. spotty sodic replacement in patches
HK21-006	338.36	339.53	biotite rinds on clasts "phoscorite/nephelinite" which are variably to completely altered by greenish sodic alteration
HK21-006	340.6	343.43	biotite rinds on clasts "phoscorite/nephelinite" which are variably to completely altered by greenish sodic alteration
HK21-006	343.43	345.99	large magnetite clots but no obvious alteration of wall rock fragments
HK21-006	345.99	349.18	weak biotite and magnetite alteration in neph monzo dykes
HK21-006	349.18	350.65	large magnetite clots but no obvious alteration of wall rock fragments
HK21-006	350.65	353.37	weak biotite and magnetite alteration in neph monzo dykes
HK21-006	353.57	359.03	large magnetite clots but no obvious alteration of wall rock fragments
HK21-006	359.03	370.86	sodic alteration mottled to pervasive throughout the segment going after mafic minerals and invading the neph-monzo fragments, staining some of the phenos and destroying the fragment boundary. also looks like sodic is fracturing/crackling and creating a stockwork of replacement/invasion of sodic amphibole biotite alteration around veins and within fragments.
HK21-006	370.86	373.12	weak biotite alteration of matrix. spotty sodic replacement in patches
HK21-006	373.12	374.97	sodic alteration mottled to pervasive throughout the segment going after mafic minerals and invading the neph-monzo fragments, staining some of the phenos and destroying the fragment boundary. also looks like sodic is fracturing/crackling and creating a stockwork of replacement/invasion of sodic amphibole biotite alteration around veins and within fragments.
HK21-006	374.97	382.18	weak biotite alteration of matrix. spotty sodic replacement in patches
HK21-006	382.18	391.84	sodic alteration mottled to pervasive throughout the segment going after mafic minerals and invading the neph-monzo fragments, staining some of the phenos and destroying the fragment boundary. also looks like sodic is fracturing/crackling and creating a stockwork of replacement/invasion of sodic amphibole biotite alteration around veins and within fragments. biotite bleeding into sodic altered areas from narrow calcite veins.
HK21-006	391.84	405.35	very weak potassic alteration especially around olivine in essexite looks to be replaced by greenish clays. no fizz through this section.
HK21-006	405.35	406.85	Pervasive green sodic alteration in rock with weak to mod disseminated to pervasive hematite. Biotite alteration occurs around sovite veins.
HK21-006	406.85	407.55	

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other
HK21-006	407.55	408.63	Sodic							2 D		2 Rv								1 D							3 F			
HK21-006	408.63	410.32	Outter-Pot									2 Rv								6 D										
HK21-006	410.32	412.26	Outter-Pot					2 Pchy				3 D								3 D										
HK21-006	412.26	417.56	Sodic									2 Rc						2 Pchy		2 D						5 Rp				
HK21-006	417.56	420.56																												
HK21-006	420.56	450.31	Sodic							4 Rp		2 Rv								2 D						5 F				
HK21-006	450.31	457.48	Inner-Pot					3 F				4 F								3 Pchy						2 Pchy				
HK21-006	457.48	469.68						3 D				2 Rc								4 D						2 Rc				
HK21-006	469.68	475.31	Sodic					2 Pchy												2 D						3 F				
HK21-006	475.31	486.05	Sodic					4 Pchy				2 Rc																		
HK21-006	486.05	488.32	Sodic					4 D				3 D														3 Rmx				
HK21-006	488.32	512.98	Sodic									3 Rc								4 D										
HK21-006	512.98	525.56	Sodic					2 C												4 D						4 F				
HK21-006	528.62	535	Sodic																	4 D						2 Rmx				
HK21-006	535	538.92	Outter-Pot																	4 D						2 Rmx				
HK21-006	538.92	540.36	Sodic					4 D												3 D						3 Rmx				
HK21-006	540.36	549	Sodic									4 Rm								4 D						3 F				
HK21-006	549	551	Sodic					3 D												4 D						3 Rp				
HK21-006	558.79	561	Sodic					3 D				1 D								4 D						3 Rp				

HK21-007	42.63	55.71	Arg																										4 F	
HK21-007	55.71	56.64	Arg							2 Rx										3 D								3 F		
HK21-007	56.64	58.97	Outter-Pot					3 Pchy												3 D										
HK21-007	65.72	67.98	Outter-Pot					2 D				3 Rc								4 D										
HK21-007	67.98	69.18	Outter-Pot					4 Pchy				4 D								2 D										
HK21-007	69.18	82.97	Outter-Pot					2 D				3 Rc								4 D										
HK21-007	82.97	87.69	Outter-Pot					3 Pchy				4 Rmx								4 D										
HK21-007	87.69	112.94	Outter-Pot					2 D				2 Rv								4 D										
HK21-007	112.94	114.53	CCC	3 Rv																										
HK21-007	114.53	136.6	Outter-Pot					3 D				3 Rv																		
HK21-007	136.6	138.09	CCC																	2 D										
HK21-007	138.09	143.28	Outter-Pot					4 D				4 Rc								3 D										
HK21-007	143.28	146.5	Outter-Pot					3 D				3 Rc						3 D		3 D										
HK21-007	146.5	152.08	Outter-Pot					3 D				2 Rv								3 D										
HK21-007	152.08	161.56	Outter-Pot					4 D				2 Rv								3 D										
HK21-007	161.56	170.95	Sil-Sodic	3 Pchy				2 D				3 Pchy								4 Pchy										
HK21-007	170.95	171.69	Outter-Pot					4 D				2 Rv								3 D										
HK21-007	171.69	177.61	Outter-Pot					3				4 Rp																		
HK21-007	177.61	179.66	Outter-Pot					4 D				2 Rv																		
HK21-007	179.66	182	Outter-Pot					3 Pchy				5 Rc																		

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-006	407.55	408.63	
HK21-006	408.63	410.32	
HK21-006	410.32	412.26	
HK21-006	412.26	417.56	Biotite alteration seems to really only occur in the neph monz (fragments?) and the rock unit itself is dominated by green sodic alteration that is strong and pervasive. Minor fluorapatite is present using the UV light.
HK21-006	417.56	420.56	
HK21-006	420.56	450.31	Unit is dominated by green amphibole alteration that occurs as disseminated replacement of original mafic minerals, as patchy pervasive clots of alteration and occurs along fractures. The unit has weak calcite alteration. The unit is weak to moderately pink to red in colour and is either hematite or kspar altered.
HK21-006	450.31	457.48	Calcite present in areas of mafic minerals only. Minor green sodic alteration in patches pervasive and along fractures. Dominant alteration is black biotite or amphibole with magnetite that occurs as fine-grained disseminations through rock and along fractures. The unit is weakly to strong stained red which is either hematite or kspar alteration.
HK21-006	457.48	469.68	Alteration consists of bitoite altered nepheline monzonite fragments, sodic altered urtite fragments, and hem altered urtite fragments
HK21-006	469.68	475.31	Calcite present in areas of mafic minerals only. Minor green sodic alteration in patches pervasive and along fractures. Dominant alteration is black biotite or amphibole with magnetite that occurs as fine-grained disseminations through rock and along fractures. The unit is weakly to strong stained red which is either hematite or kspar alteration.
HK21-006	475.31	486.05	
HK21-006	486.05	488.32	biotite altered monzosyenite clasts surrounded by greenish wash of sodic alteration
HK21-006	488.32	512.98	
HK21-006	512.98	525.56	
HK21-006	528.62	535	more fine black mineral unaffected by sodic alteration in stockworks around nepheline
HK21-006	535	538.92	
HK21-006	538.92	540.36	
HK21-006	540.36	549	mottled patches of total biotite replacement being overprinted by fine sodic wash
HK21-006	549	551	
HK21-006	558.79	561	

HK21-007	42.63	55.71	
HK21-007	55.71	56.64	
HK21-007	56.64	58.97	
HK21-007	65.72	67.98	moderate biotite alteration around white sovite brecciation
HK21-007	67.98	69.18	
HK21-007	69.18	82.97	moderate biotite alteration around white sovite brecciation
HK21-007	82.97	87.69	
HK21-007	87.69	112.94	
HK21-007	112.94	114.53	fault zone with gouge and clay-chlorite alteration. grey silica flooding in annealed fault
HK21-007	114.53	136.6	
HK21-007	136.6	138.09	
HK21-007	138.09	143.28	
HK21-007	143.28	146.5	
HK21-007	146.5	152.08	
HK21-007	152.08	161.56	narrow veins of calcite with narrow biotite selvage
HK21-007	161.56	170.95	Patches of deep green silica replacement in patches
HK21-007	170.95	171.69	narrow veins of calcite with narrow biotite selvage
HK21-007	171.69	177.61	
HK21-007	177.61	179.66	
HK21-007	179.66	182	

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other	
HK21-007	182	186.24										2	Rv																		
HK21-007	186.24	226	Outter-Pot					4	Pchy			4	Rm			3	Rv														
HK21-007	226	253.78	Outter-Pot					2	D			4	Rp																		
HK21-007	253.78	254.72	Outter-Pot					1	D			2	D								1	D									
HK21-007	254.72	255.81	Outter-Pot					1	Pchy			1	D								1	D									
HK21-007	255.81	263.88	Outter-Pot					2	Pchy			2	Rc								3	Pchy									
HK21-007	263.88	264.28	CCC																		1	Pchy							3	Rp	cl
HK21-007	264.28	269.65	Outter-Pot							2	Rc	1	D								3	Pchy							3	Pchy	
HK21-007	269.65	272.99	CCC							1	Rc										1	Pchy							4	Rp	cl
HK21-007	272.99	278.42								1	D										3	Pchy							1	Pchy	
HK21-007	278.42	279.95	CCC					2	Pchy												2	Pchy							4	Rp	cl
HK21-007	279.95	282.72						3	Pchy	2	C										4	Pchy							3	Pchy	
HK21-007	282.72	282.96	CCC					1	Pchy												4	Rp							3	Rp	cl
HK21-007	282.96	285.77										2	Rc								3	Pchy							2	Pchy	
HK21-007	285.77	286.28	CCC					2	Pchy												4	Rp							2	D	cl
HK21-007	286.28	322.74										1	Pchy								1	Pchy							1	Pchy	
HK21-007	322.74	326.69										2	Rp																		cl
HK21-007	328.13	354	Outter-Pot					2	Pchy			3	Rc								2	D									
HK21-007	354	381.25	Outter-Pot					5	Pchy			4	Rmx								3	D									
HK21-007	381.25	399.13	Outter-Pot					3	D			4	Rv								3	D									
HK21-007	399.13	403.7																										2	D	cl	
HK21-007	403.7	407.34	Outter-Pot					3	D			4	Rv								3	D									
HK21-007	407.34	414	Outter-Pot					3	D			4	Rm								3	D									
HK21-007	415	419.61	Outter-Pot					3	D			4	Rm								3	D									
HK21-007	430	430.66	Outter-Pot									3	Pchy								3	D									
HK21-007	430.66	443.37	disProp																		3	D							3	D	cl
HK21-007	443.37	448.89	disProp																		3	D							3	D	cl
HK21-007	448.89	457.25	CCC							3	Rm										3	D							3	D	cl
HK21-007	457.25	468	disProp																									3	D	cl	
HK21-007	489	492	disProp																											2	F

HK21-008	30.45	74.76	Fenite					4	Pchy			4	Rv								3	D									
HK21-008	74.76	75.95								3	Bl																		3	C	
HK21-008	75.95	108	Fenite					3	D			4	Rv								3	D									
HK21-008	108	124.23	Outter-Pot					2	D			3	D								2	D									
HK21-008	125.5	140.08	Outter-Pot					2	D			3	D								2	D									
HK21-008	140.08	141								2	Rm										2	D							2		
HK21-008	141	142.93	disProp																		2	D							3		
HK21-008	142.93	145.88	Inner-Pot					4	Pchy			5	Rv					3	Rv		2	D									
HK21-008	145.88	147								3	Rm										2	D									
HK21-008	147	175.05	Inner-Pot					3	Pchy			5	Rv					3	Rv		2	D									

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-007	182	186.24	
HK21-007	186.24	226	
HK21-007	226	253.78	
HK21-007	253.78	254.72	Sodic alteration in some of the fragments.
HK21-007	254.72	255.81	
HK21-007	255.81	263.88	Fine-grained biotite 'rind' around sovite fragments.
HK21-007	263.88	264.28	Faulted area with moderate clay and weak to moderate chlorite alteration
HK21-007	264.28	269.65	Chlorite alteration is disseminated in the matrix. Minor hem alteration present in the fragments and sometimes rimming the fragments. Rare biotite.
HK21-007	269.65	272.99	Faulted area with strong clay alteration and moderate chlorite. Hem alteration occurs in some fragments along with veins.
HK21-007	272.99	278.42	
HK21-007	278.42	279.95	Faulted area with clay and chlorite alteration
HK21-007	279.95	282.72	
HK21-007	282.72	282.96	Faulted area with clay and chlorite alteration
HK21-007	282.96	285.77	
HK21-007	285.77	286.28	Faulted area with clay and chlorite alteration
HK21-007	286.28	322.74	Biotite rarely forms a rind around some of the fragments
HK21-007	322.74	326.69	Very weak clay alteration of some nepheline phenocrysts.
HK21-007	328.13	354	increasing biotite rinds on sovite fragments
HK21-007	354	381.25	very strong magnetite in patches
HK21-007	381.25	399.13	mottled biotite replacement of wallrock
HK21-007	399.13	403.7	weak chlorite and calcite in lamp
HK21-007	403.7	407.34	mottled biotite replacement of wallrock
HK21-007	407.34	414	mottled biotite replacement of wallrock
HK21-007	415	419.61	mottled biotite replacement of wallrock
HK21-007	430	430.66	weird zone of large biotite growing in matrix around grey sovite dykes, prismatic biotite in phoscorite-like veins.
HK21-007	430.66	443.37	late intrusives with chlorite weakly and locally developed around calcite veins
HK21-007	443.37	448.89	late intrusives with chlorite weakly and locally developed around calcite veins
HK21-007	448.89	457.25	patchy hematite staining
HK21-007	457.25	468	late intrusives with chlorite weakly and locally developed around calcite veins
HK21-007	489	492	

HK21-008	30.45	74.76	very strong deep reddish brown biotite replacement on margins of sovite veins and dykes. magnetite is patchy throughout zone. calcite is prevalent in biotite altered zone. greenish siliceous fragments indicate a precursor alteration perhaps?
HK21-008	74.76	75.95	pinkish hematite stain and bleaching around clots and at upper contact with black soft chlorite within zones
HK21-008	75.95	108	very strong deep reddish brown biotite replacement on margins of sovite veins and dykes. magnetite is patchy throughout zone. calcite is prevalent in biotite altered zone. greenish siliceous fragments indicate a precursor alteration perhaps?
HK21-008	108	124.23	weaker biotite alteration within the monzosyenite dykes, not much in the essexite
HK21-008	125.5	140.08	weaker biotite alteration within the monzosyenite dykes, not much in the essexite
HK21-008	140.08	141	
HK21-008	141	142.93	
HK21-008	142.93	145.88	
HK21-008	145.88	147	
HK21-008	147	175.05	

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Pl	Pl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other	
HK21-008	176.44	180	Inner-Pot					3	Pchy			5	Rv					3	Rv	2	D										
HK21-008	180	204.85	Outter-Pot					2	D			5	Rp							2	Rx					3	Pchy				
HK21-008	204.85	216.82	Outter-Pot					3	D			4	Rv							3	D										
HK21-008	216.82	217.59	disProp																	2	D							3	D		
HK21-008	217.59	218.12	Outter-Pot					3	D			5	Rp							2	Rx										
HK21-008	226.67	229.51	Outter-Pot					3	D			5	Rp							2	Rx										
HK21-008	232.35	237.82	Calcic-Pot					3	D			4	Rv							2						2	D				
HK21-008	237.82	249	Inner-Pot					4	D			6	Rv					3	Rv	3	Rv					4	Rv				
HK21-008	249	263.23	Calcic-Pot					4	D			6	Rv					3	Rv	3	Rv					4	Rv				
HK21-008	267.58	280	Calcic-Pot					4	D			6	Rv					3	Rv	3	Rv					4	Rv				
HK21-008	280.82	346.23	Calcic-Pot					4	D			5	Rv					3	Rv	3	Rv					4	Rv				
HK21-008	346.23	357	Outter-Pot					4	D			5								3	D										
HK21-008	357	360.41	Sodic																	2	D										
HK21-008	360.41	365.74	Outter-Pot					4	Rm			6	Rv							4	D										
HK21-008	365.74	368.03	Calcic-Pot					5	Rm			5	Rv					5	Rv	4	D					4	Rv				
HK21-008	368.03	373.3	Sodic									3	Rv							3	D										
HK21-008	373.3	376.71	Calcic-Pot					5	Rv			6	Rv					3	Rv	4	D					4	Rv				
HK21-008	376.71	387.53	Outter-Pot					4	D			5	Rv							3	D										
HK21-008	387.53	407.15	Outter-Pot					3	D			2	Rv							3	D							3	D		
HK21-008	407.15	410.68										2	Rv																		
HK21-008	410.68	420.05	disProp									2	Rv															3	D		
HK21-008	420.05	424.05	Outter-Pot					2	D			4	Rp																		
HK21-008	424.05	425.3										4	Rp													3	D				
HK21-008	425.3	430.46	disProp									2	Rv															2	D		
HK21-008	433.26	451.21	disProp									3	Rv																		
HK21-008	456.61	459.37									2	Rx																			
HK21-008	459.37	463.48	disProp									2	Rv																3	D	
HK21-008	463.48	468.33	disProp									2	Rv																3	D	
HK21-008	468.33	487.15	Outter-Pot					1	D			5	Rm							4	Rv							2	Pchy		
HK21-008	487.15	488.34	Outter-Pot					1	D			5	Rm							4	Rv							2	Pchy		
HK21-008	488.34	494.05	Outter-Pot					1	D			5	Rm							4	Rv							2	Pchy		
HK21-008	494.05	502.38	Outter-Pot					1	D			4	Rv							4	Rv							2	Pchy		
HK21-008	502.38	506.51	Outter-Pot					1	D			5	Rm							4	Rv							2	Pchy		
HK21-008	506.51	528	Outter-Pot					1	D			3	Rv							4	Rv							2	Pchy		

HK21-009	44.48	62.8	Sodic									2	Rv						3	Pchy	2	D					5	D	2	Pchy	
----------	-------	------	-------	--	--	--	--	--	--	--	--	---	----	--	--	--	--	--	---	------	---	---	--	--	--	--	---	---	---	------	--

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-008	176.44	180	
HK21-008	180	204.85	pervasive replacement of groundmass by biotite. phenocrysts of nepheline replaced by calcite often. sodic amphibole patchy replacement round 188m at urtite fragment
HK21-008	204.85	216.82	strong biotite only around the calcite veins and rimming phenocrysts. disseminated calcite throughout.
HK21-008	216.82	217.59	weak chlorite and calcite alteration
HK21-008	217.59	218.12	pervasive replacement of groundmass by biotite. phenocrysts of nepheline replaced by calcite often. sodic amphibole patchy replacement round 188m at urtite fragment
HK21-008	226.67	229.51	pervasive replacement of groundmass by biotite. phenocrysts of nepheline replaced by calcite often. sodic amphibole patchy replacement round 188m at urtite fragment
HK21-008	232.35	237.82	bluish tinge of amphibole alteration in and around neph syenite porphyry dikes.
HK21-008	237.82	249	introduction of fine grey-blue amphibole to phoscorite veining. increasing downhole. still stron biotite within and on selvages up to 2-3mm in diametre
HK21-008	249	263.23	calcic amphibole as fine grain core and prismatic on margins of phoscorites and as mottled fine replacement of ijolite, neph monz and neph syenite-porphyry bx alongside pervasive biotite. magnetite is strongest away from phoscorit
HK21-008	267.58	280	calcic amphibole as fine grain core and prismatic on margins of phoscorites and as mottled fine replacement of ijolite, neph monz and neph syenite-porphyry bx alongside pervasive biotite. magnetite is strongest away from phoscorit
HK21-008	280.82	346.23	calcic amphibole as fine grain core and prismatic on margins of phoscorites and as mottled fine replacement of ijolite, neph monz and neph syenite-porphyry bx alongside pervasive biotite. magnetite is strongest away from phoscorit
HK21-008	346.23	357	
HK21-008	357	360.41	
HK21-008	360.41	365.74	1-5cm phoscorite veins have a 20cm halo of biotite-magnetite alteration within unknown greenish bleached alteration. at margins of halo are extensional anastomosing calcite veins possibly caused by volume loss within potassic alte
HK21-008	365.74	368.03	1-5 cm phoscorite veins have a 20cm halo of biotite-magnetite alteration within unknown greenish bleached alteration. at margins of halo are extensional anastomosing calcite veins possibly caused by volume loss within potassic alteration
HK21-008	368.03	373.3	1cm phoscorite veins have a 20cm halo of biotite-magnetite alteration within unknown greenish bleached alteration. at margins of halo are extensional anastomosing calcite veins possibly caused by volume loss within potassic altera
HK21-008	373.3	376.71	
HK21-008	376.71	387.53	
HK21-008	387.53	407.15	S
HK21-008	407.15	410.68	
HK21-008	410.68	420.05	
HK21-008	420.05	424.05	more intense potassic alteration around a coarse white sovite with biotite seams in it
HK21-008	424.05	425.3	
HK21-008	425.3	430.46	
HK21-008	433.26	451.21	
HK21-008	456.61	459.37	hematite staining of some Kspar phenos
HK21-008	459.37	463.48	
HK21-008	463.48	468.33	
HK21-008	468.33	487.15	
HK21-008	487.15	488.34	
HK21-008	488.34	494.05	
HK21-008	494.05	502.38	
HK21-008	502.38	506.51	
HK21-008	506.51	528	
HK21-009	44.48	62.8	strong sodic amphibole alteration of matrix in places that is associated with patchy UV glowing fluorapatite at 47.6-47.9, 48.8-49.4, 51.9-59.2, 59.7. all associated with P on XRF. Narrow biotite selvages with calcite veins. sodic alterati incursion

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	AltFacies	Sil	Sil Form	Ksp	Ksp Form	Mt	Mt Form	Hm	Hm Form	Bt	Bt Form	Phl	Phl Form	Fl	Fl Form	Apt	Apt Form	Cal	Cal Form	Dol	Dol Form	Ank	Ank Form	Amph	Amph Form	Chl	Chl Form	Other
HK21-009	62.8	70.9	Sodic					3	Rmx	3	F	3	Rmx					2	Pchy	3	D					5	Rm	3	Pchy	
HK21-009	70.9	71.59	disProp																									2	D	
HK21-009	71.59	108	Sodic					4	Rmx	4	F	4	Rmx					3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	108	174	Sodic					4	Rmx	2	F	4	Rmx					3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	174	186.32	Sodic					4	Rmx	2	F	3	Rmx					3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	188.32	192.16	Sodic					4	Rmx									3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	194.14	203.42	Sodic					4	Rmx	3	F							3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	203.42	208.9	Sodic					4	Rmx	3	F							3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	208.9	226.52	Sodic					2	Rmx	3	F							3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	238.59	248.27	Sodic					2	Rv	1	F							3	Pchy	3	D					5	Rm	4	Pchy	
HK21-009	249.13	253.13	Sodic					2	Rv									3	Pchy	3	D					5	Rm	2	Pchy	
HK21-009	256.18	263.94	Sodic					2	Rv									3	Pchy	3	D					5	Rm	2	Pchy	
HK21-009	266.35	272.15	Sodic					2	Rmx									2	Pchy	3	D					5	Rm	2	Pchy	
HK21-009	273.87	274.6	Sodic					4	Rmx									3	Pchy	3	D					5	Rm			
HK21-009	279	280.15	Outter-Pot					2	Rmx			3	Rv					2	Pchy	3	D					5	Rm			
HK21-009	281.24	286.76	Sodic					1	Rmx			3	Rv					4	Pchy	3	D					6	Rm			
HK21-009	312.91	313.78	Sodic					1	Rmx			3	Rv					4	Pchy	3	D					6	Rm			
HK21-009	316.4	322.25	Sodic	2	Pchy			1	Rmx			3	Rv					4	Pchy	3	D					6	Rp			
HK21-009	322.25	328.78	Sodic	2	Pchy			1	Rmx			3	Rv					4	Pchy	3	D					6	Rp			
HK21-009	328.78	362.93	Sodic	2	Pchy			1	Rmx			3	Rv					4	Pchy	3	D					5	Rp			
HK21-009	428.4	468	Sodic	3	Pchy			4				5	Rm					3	D	3	D					5	Rm			

VR Resources - HK Alteration Logs

-Justin Daley



Hole ID	From	To	Description
HK21-009	62.8	70.9	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	70.9	71.59	
HK21-009	71.59	108	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	108	174	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	174	186.32	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	188.32	192.16	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	194.14	203.42	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	203.42	208.9	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	208.9	226.52	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	238.59	248.27	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	249.13	253.13	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	256.18	263.94	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	266.35	272.15	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	273.87	274.6	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	279	280.15	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	281.24	286.76	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	312.91	313.78	strong sodic amphibole alteration of urtite fragments especially around neph monz intrusions that have patchy chlorite alteration. neph monz intrusions have moderate biotite and magnetite disseminated throughout
HK21-009	316.4	322.25	Strong sodic amphibole alteration of porphyry groundmass and of urtite fragments. Fluorapatite disseminated strongly throughout both and as veins that are invisible to natural light. potassic alteration around sovite veins and of neph monz fragments.
HK21-009	322.25	328.78	Strong sodic amphibole alteration of porphyry groundmass and of urtite fragments. Fluorapatite disseminated strongly throughout both and as veins that are invisible to natural light. potassic alteration around sovite veins and of neph monz fragments.
HK21-009	328.78	362.93	Strong sodic amphibole alteration of porphyry groundmass and of urtite fragments. Fluorapatite disseminated strongly throughout both and as veins that are invisible to natural light. potassic alteration around sovite veins and of neph monz fragments.
HK21-009	428.4	468	

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	569	570	1	V389251	Original		2	8.408109	12	0.01	1391	0.2	16.9	0.7	1857	35.6	300	0.044	3.8	56	38.27	16.69	20.08	15.612646	12	59.11	1.17	6.77	2.41	1001	72	1.09	7.43	0.65	19	2.31	409	629	187	3.55	28	
HK20-002	570	571	1	V389252	Original		0.5	9.88189	12	0.007	1065	0.1	16.4	0.9	1158	41.2	355	0.052	2.9	72	23.14	10.56	12.57	14.32589	13	35.82	4.36	4.08	2.05	625	49	0.85	7.81	0.62	7	2.55	314	385	195	1.92	17	
HK20-002	571	572	1	V389253	Original		2	10.240888	11	0.007	1290	0.1	14.3	1.4	1482	55	192	0.028	3.1	106	18.79	8.24	11.36	11.752377	14	29.4	3.24	3.28	2.41	795	73	0.74	7.31	0.38	22	2.97	742	427	175	1.01	42	
HK20-002	572	573	1	V389254	Original		2	9.503997	15	0.01	1452	0.2	15.8	1.4	2526	60.5	180	0.026	3.1	93	32.52	14.12	20	14.397376	14	54.2	2.86	5.78	2.53	1429	72	1	6.62	0.57	22	2.33	932	730	105	2.09	35	
HK20-002	573	574	1	V389255	Original		3	11.053357	8	0.0025	1027	0.1	14.1	1	2006	42.1	73	0.011	2.1	90	23.65	9.86	15.25	15.512565	15	38.77	3.86	4.14	1.93	1118	62	0.73	6.63	0.64	12	2.24	1024	574	53	0.94	37	
HK20-002	574	575	1	V389256	Original		3	9.333946	8	0.01	1124	0.1	14.6	0.9	2062	40.3	141	0.021	2.4	74	28.4	12.17	17.3	16.842214	14	45.74	5	5.09	1.81	1084	59	0.8	7.13	0.66	8	2.62	1144	621	67	1.70	28	
HK20-002	575	576	1	V389257	Original		3	8.993842	7	0.013	1250	0.1	15.8	1.1	2484	52	71	0.010	3	111	44.01	18.82	24.38	15.669835	14	67.79	2.89	7.71	2.05	1297	60	1.09	6.82	0.60	10	2.33	1384	785	74	3.30	38	
HK20-002	576	577	1	V389258	Original		3	9.012737	12	0.039	763	0.1	14.8	1.8	1900	95.7	156	0.023	2.4	210	34.4	14.84	19.57	19.043997	15	55.08	2.69	6.05	1.93	968	48	0.89	6.27	0.55	14	2.22	994	629	142	2.86	26	
HK20-002	577	578	1	V389259	Original		3	10.278677	14	0.009	964	0.1	15.5	1.3	1671	61.4	166	0.024	2.4	135	27.14	11.78	15.92	13.997052	13	44.04	3.01	4.72	2.17	871	60	0.92	7.03	0.55	18	2.74	659	519	128	2.29	23	
HK20-002	578	579	1	V389260	Original		3	8.57816	10	0.006	1455	0.2	18.5	2.1	2501	51.9	146	0.021	2.9	123	45.45	19.34	24.72	14.225809	11	71.25	0.66	7.92	2.29	1303	67	1.19	6.58	0.55	23	2.20	979	792	130	4.22	32	
HK20-002	579	580	1	V389261	Original		3	9.503997	18	0.007	1819	0.2	14.8	0.8	1213	36	215	0.031	4.1	63	25.95	11.96	13.16	16.22743	15	39.12	1.7	4.69	2.89	669	67	0.84	7.31	0.61	25	2.22	767	388	79	2.04	28	
HK20-002	580	581	1	V389262	Original		3	7.444483	16	0.008	1580	0.2	20.7	0.9	2821	34.2	126	0.018	2.8	87	56.89	24.74	29.82	11.966836	11	88.36	0.48	9.86	2.41	1467	63	1.57	6.20	0.48	25	2.14	1080	921	66	5.98	41	
HK20-002	581	582	1	V389263	Original		3	0.604628	18	0.012	1029	0.1	41.4	0.8	5976	25.6	33	0.005	0.6	99	131	56.59	69.85	6.962783	2	210	2.46	23.13	0.48	3073	10	2.62	2.69	0.31	21	0.50	1124	2029	59	17.37	88	
HK20-002	582	583	1	V389264	Original		1	3.363244	7	0.005	1761	0.2	34.4	0.4	2239	13.4	82	0.012	1.8	53	46.21	19.88	24.25	8.535485	3	72.13	1.1	8.26	1.69	1171	33	1.1	4.20	0.37	7	0.93	518	715	26	8.94	36	
HK20-002				V389265	Control	OREAS 59a	1.5	9.579576	586	0.196	194	0.0	2.7	0.02	159	684		0.006	0.5	3367				21.445943			5.09		6.75	168	12	0.45	1.21	0.69	85.07	0.31	10.3		52	0.18	9.3	
HK20-002	583	584	1	V389266	Original		4	7.803481	13	0.018	1668	0.2	17.8	1.1	3027	46.9	145	0.021	4.2	99	48.86	20.75	27.52	15.769916	12	78.78	0.87	8.39	2.65	1559	69	1.3	7.08	0.61	20	1.93	1579	934	72	4.47	43	
HK20-002	584	585	1	V389267	Original		7	4.761446	18	0.024	1622	0.2	26.2	0.9	3776	32.8	165	0.024	3.8	71	83.98	36.69	44.49	11.123296	8	128	0.57	14.91	2.05	1886	50	2.06	6.32	0.47	8	1.51	2864	1298	60	6.90	63	
HK20-002	585	586	1	V389268	Original		2	3.382138	6	0.043	1086	0.1	28.8	0.7	2119	16.9	106	0.015	1	87	46	19.79	24.48	12.009728	3	70.94	1.34	7.95	1.57	1053	35	1.02	5.16	0.48	5	1.20	716	706	31	10.15	24	
HK20-002	586	587	1	V389269	Original		2	8.294741	13	0.013	1826	0.2	16.4	0.8	1761	34.1	231	0.034	4.8	46	40.66	18.1	20.77	14.154322	12	61.31	1.48	7.16	3.25	922	77	1.22	7.91	0.55	13	2.18	864	598	78	3.80	31	
HK20-002	587	588	1	V389270	Original		2	9.35284	11	0.013	2111	0.2	15.3	0.9	1349	37	271	0.040	5.3	56	28.44	13.18	14.39	15.784214	13	43.66	1.84	5.1	3.37	739	82	0.91	8.62	0.59	21	2.01	543	438	110	2.57	25	
HK20-002	588	589	1	V389271	Original		4	11.261197	10	0.013	2565	0.3	16.2	0.6	1685	33.7	198	0.029	3.5	72	22.61	9.93	13.22	10.551404	14	35.19	3.27	3.95	2.89	887	99	0.91	7.21	0.39	24	2.48	1235	484	115	1.70	42	
HK20-002	589	590	1	V389272	Original		2	12.224823	6	0.012	2595	0.3	15.7	1	887	41.1	151	0.022	4.1	79	18.4	8.19	9.6	12.024025	16	27.83	2.95	3.23	3.01	487	57	0.63	7.01	0.34	11	2.86	215	286	131	2.09	20	
HK20-002	590	591	1	V389273	Original		3	9.787417	10	0.008	1847	0.2	16.4	1	2247	41.1	81	0.012	4	90	36.1	15.41	21.15	14.64043	13	56.36	2.04	6.35	3.01	1161	87	0.94	7.93	0.52	26	1.85	1246	716	58	3.21	30	
HK20-002	591	592	1	V389274	Original		5	8.030216	9	0.008	2443	0.3	14.7	1.1	2243	50.1	136	0.020	5	93	32.42	13.6	19.12	17.757241	15	51.63	4.39	5.79	3.13	1136	74	0.87	8.76	0.59	15	1.35	1533	678	83	2.43	33	
HK20-002	592	593	1	V389275	Original		2	7.860165	12	0.008	3880	0.4	16.1	1.1	1989	50.8	263	0.038	7.9	101	39.43	17.23	20.59	17.914511	15	60.25	1.31	7.04	3.98	1055	56	0.94	8.99	0.57	13	1.27	587	639	182	4.10	23	
HK20-002	593	594	1	V389277	Original		5	7.198853	13	0.019	1753	0.2	16.7	1.5	2071	64	178	0.026	3.8	139	32.99	14.16	18.88	17.828727	12	51.56	2.52	5.87	2.53	1071	44	0.93	7.41	0.56	20	1.85	1596	641	140	2.68	35	
HK20-002	594	595	1	V389278	Original		1	10.203098	10	0.01	2681	0.3	11.9	1.2	791	57.1	312	0.046	4.4	107	15.02	7.07	8.01	16.313214	15	22.16	2.75	2.78	4.10	427	90	0.58	9.34	0.46	17	1.74	390	243	164	1.28	24	
HK20-002	595	596	1	V389279	Original		3	7.06659	11	0.014	1655	0.2	16.8	1.6	1508	59.7	419	0.061	3.3	134	26.54	11.53	14.35	18.271943	12	41.4	1.18	4.82	3.01	779	54	0.86	7.99	0.58	15	1.40	864	466	165	2.52	23	
HK20-002	596	597	1	V389280	Original		5	4.5725	19	0.016	641	0.1	22.1	0.7	2722	63.3	229	0.033	1.6	129	56.56	25.53	30.68	16.885106	10	86.42	0.56	10.24	1.08	1375	26	1.4	4.97	0.55	6	0.51	1473	872	167	6.19	48	
HK20-002	597	598	1	V389281	Original		3	4.81813	31	0.006	500	0.1	19.9	2.4	2168	53.3	282	0.041	1.8	78	38.09	17.6	20.86	14.7977	10	58.78	0.83	6.89	1.69	1121	17	1.1	6.98	0.60	11	0.44	982	659	99	3.71	19	
HK20-002	598	599	1	V389282	Original		4	5.196022	41	0.018	197	0.0	21.3	0.3	3671	64.4	263	0.038	1.7	87	73.36	31.58	38.98	14.840592	9	115	0.5	13.2	1.20	1885	25	1.64	4.01	0.54	6	0.31	1126	1196	114	8.00	20	
HK20-002	599	600	0.75	V389283	Original		3	5.611704	20	0.006	554	0.1	20.3	0.1	2496	58.7	133	0.019	1.5	148	47.05	20.01	25.26	12.295674	9	73.2	0.43	8.26	1.57	1286	25	1.18	4.74	0.50	48	0.69	1197	773	93	5.50	27	
HK20-002	599.8	600	0.55	V389284	Original		3	5.290495	14	0.007	977	0.1	20.1	0.1	1229	34.3	223	0.033	1.7	20	19.79	8.																				

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	281	282	1	V389306	Original		0.5	9.447313	7	0.0025	925	0.1	13.2	0.2	435	48.1		0.025	5	90				11.180485			5.04	4.83	278	156	0.5	9.60	0.46	117	1.15	29.1	124	0.50	22.2			
HK20-002	282	283	1	V389307	Original		0.5	7.444483	8	0.0025	1368	0.2	13.3	0.13	544	57.4		0.059	4	87.8				11.323458			5.87	5.11	362	73	0.39	12.19	0.38	48.21	0.54	48.1	168	0.76	26			
HK20-002	283	284	1	V389308	Original		0.5	6.858749	10	0.0025	1382	0.2	16.9	0.23	616	54.8		0.065	3	91.4				8.549782			6.43	5.01	371	35	0.68	11.34	0.39	38.15	0.31	45.9	155	1.10	35.8			
HK20-002	284	285	1	V389309	Original		0.5	11.39346	8	0.0025	594	0.1	12.6	0.32	396	58.8		0.019	4	112				11.194782			4.88	3.52	252	111	0.44	7.96	0.37	112	2.20	186	112	0.94	35.9			
HK20-002				V389310	Control	OREAS 59d	0.5	10.146414	8	0.0025	1457	0.2	12.7	0.28	670	49.4		0.041	6	66.4				11.280566			7.82	4.81	427	116	0.54	10.08	0.38	59.64	1.17	193	150	1.12	26.2			
HK20-002	285	286	1	V389311	Original		0.5	10.033047	7	0.0025	707	0.1	14.0	0.17	273	58.3		0.013	4	112				11.623701			5.21	3.23	154	108	0.71	7.91	0.45	74.85	2.02	149	118	0.66	23.1			
HK20-002	286	287	1	V389312	Original		0.5	9.655154	10	0.0025	930	0.1	12.2	0.82	875	57.6		0.029	5	91.3				11.423539			7.29	4.81	520	85	0.64	10.58	0.44	84.41	1.23	229	183	0.87	31			
HK20-002	287	288	1	V389313	Original		0.5	11.298987	8	0.007	1356	0.2	14.1	0.61	787	37.5		0.013	6	64.6				10.722971			5.22	4.20	423	112	0.97	7.66	0.46	105	1.44	455	81	0.46	65.8			
HK20-002	288	289	1	V389314	Original		0.5	12.16814	9	0.0025	1279	0.1	13.1	0.33	455	49.3		0.007	5	106				10.722971			5.07	4.59	272	118	0.78	7.71	0.38	206	1.35	272	75	0.44	32.8			
HK20-002	289	290	1	V389315	Original		0.5	9.201683	5	0.0025	2393	0.3	13.2	0.16	729	51.3		0.025	4	90.8				11.852458			8.29	5.70	392	81	0.68	10.83	0.42	56.99	0.59	191	107	0.34	16.5			
HK20-002	290	291	1	V389316	Original		0.5	8.899369	18	0.0025	7611	0.8	17.6	0.15	685	45.3		0.027	6	71.3				8.821431			3.47	3.96	417	62	0.66	10.71	0.34	53.79	1.01	200	160	1.40	13.6			
HK20-002	291	292	1	V389317	Original		0.5	9.522892	12	0.0025	7028	0.8	15.7	0.21	933	43.4		0.020	6	75.9				10.522809			4.34	4.37	556	72	0.77	9.57	0.44	93.62	0.88	338	135	1.08	12.3			
HK20-002	292	293	1	V389318	Original		0.5	8.61595	9	0.0025	3269	0.4	15.2	0.16	538	49.4		0.031	4	75.8				9.822242			4.98	4.78	260	45	0.47	11.43	0.32	60.59	0.82	45	152	0.69	11.7			
HK20-002	293	294	1	V389319	Original		0.5	7.123274	5	0.0025	3138	0.4	14.9	0.13	833	46.1		0.045	2	58.8				12.996241			8.85	5.11	410	35	0.66	10.89	0.46	28.03	0.46	80.9	136	0.37	19.7			
HK20-002	294	295	1	V389320	Original		0.5	5.403863	11	0.0025	2297	0.3	17.2	0.08	747	48.6		0.030	2	95.6				11.094701			5.48	2.89	418	20	0.59	9.95	0.60	45.31	0.23	43.6	120	0.73	12.8			
HK20-002	295	296	1	V389321	Original		0.5	8.143584	6	0.0025	1643	0.2	14.4	0.08	784	56.8		0.043	3	47				12.610214			6.83	3.53	454	33	0.66	9.65	0.39	62.25	0.22	57.5	189	0.39	16.9			
HK20-002	296	297	1	V389322	Original		0.5	8.238057	15	0.0025	1247	0.1	18.3	0.11	632	37.7		0.012	2	73				10.908836			4.67	3.95	360	96	1.03	6.60	0.44	71.63	0.24	225	93	1.60	17.3			
HK20-002	297	298	1	V389323	Original		0.5	5.668388	26	0.0025	1479	0.2	20.4	0.12	780	50.3		0.032	2	81.7				12.810376			3.49	4.40	506	64	1	8.44	0.46	50.84	0.11	368	119	1.79	16.7			
HK20-002	298	299	1	V389324	Original		0.5	6.669803	8	0.0025	5527	0.6	19.0	0.06	776	38.7		0.022	3	23.6				7.277323			2.63	5.81	536	109	1.22	10.91	0.34	7.65	0.09	17.1	115	0.99	11.9			
HK20-002	299	299	0.35	V389325	Original		0.5	9.258367	13	0.0025	1554	0.2	13.5	0.07	1000	49		0.028	5	52.1				10.108188			6.07	5.91	735	172	0.91	10.66	0.42	30.41	0.40	188	148	1.26	13			
HK20-002	299	299	0.35	V389326	FieldDup		0.5	9.220578	12	0.0025	1159	0.1	13.3	0.07	1000	48.8		0.029	5	49.1				10.065296			5.74	5.93	739	171	0.92	10.68	0.42	28.76	0.39	142	149	1.24	12.7			
HK20-002	299.4	300	0.65	V389327	Original		0.5	8.937158	14	0.0025	853	0.1	14.9	0.08	1000	59.3		0.020	4	83.2				11.209079			5.6	4.69	1589	157	1.94	7.99	0.46	34.35	0.44	344	148	1.26	17.7			
HK20-002	300	301	1	V389328	Original		0.5	9.63626	12	0.0025	1455	0.2	15.2	0.1	1000	39.7		0.019	3	74				10.422728			4.69	5.10	992	199	1.28	8.59	0.47	41.23	0.61	310	126	1.17	14.4			
HK20-002	301	302	1	V389329	Original		0.5	8.0869	13	0.0025	2331	0.3	14.8	0.09	1000	46.1		0.041	3	78.2				10.351242			4.06	5.91	789	202	1.34	11.09	0.51	13.53	0.28	271	169	1.08	13			
HK20-002				V389330	Control	MEG-BLANK.1	0.5	0.094473	1	0.006	427	0.0	21.0	6.17	3.87	1.3		0.000	0.5	0.25				0.128676			0.03	0.04	2.4	16	0.01	24.01	0.05	0.08	0.04	1.1	0.5	0.01	12.2			
HK20-002	302	303	1	V389331	Original		0.5	5.517231	17	0.0025	5648	0.6	21.0	0.15	767	27		0.013	1	66.8				10.108188			1.4	3.77	553	116	1.15	8.36	0.53	29.27	0.15	58.8	85	2.27	30.8			
HK20-002	303	304	1	V389332	Original		0.5	9.428419	12	0.0025	5285	0.6	15.8	0.42	708	35.1		0.017	2	57.9				9.893728			3.44	5.30	551	219	0.83	9.35	0.45	28.43	0.97	285	115	1.28	45.1			
HK20-002	304	305	1	V389333	Original		0.5	9.012737	10	0.0025	7827	0.9	15.6	0.13	669	44.4		0.031	2	70.5				10.15108			3.62	5.51	520	186	0.85	10.03	0.44	31.23	0.51	96.8	165	1.05	14.2			
HK20-002	305	305	0.18	V389334	Original		0.5	9.050526	12	0.0025	7570	0.8	15.6	0.09	908	30.5		0.015	2	27.2				9.193161			2.57	5.28	694	233	0.74	9.39	0.40	38	0.42	128	103	1.56	10			
HK20-002	305.2	306	0.82	V389335	Original		0.5	9.503997	10	0.0025	5355	0.6	15.9	0.14	1000	37		0.018	3	63.5				10.551404			3.9	4.93	719	235	1.29	8.79	0.51	78.52	0.81	285	122	1.19	12.1			
HK20-002	306	307	1	V389336	Original		0.5	7.293326	9	0.0025	4310	0.5	18.8	0.49	830	45.4		0.011	2	93.6				10.322647			3.15	4.17	547	146	0.9	8.04	0.46	47.83	0.47	279	113	1.31	30.7			
HK20-002	307	308	1	V389337	Original		0.5	7.633429	17	0.0025	7559	0.8	18.1	0.33	865	46.6		0.024	3	75.1				10.065296			3.21	4.90	522	71	0.87	10.33	0.46	59.53	0.39	106	180	1.74	46.5			
HK20-002	308	309	1	V389338	Original		0.5	8.049111	18	0.006	3954	0.4	18.2	0.23	497	50.3		0.027	4	91.7				9.893728			4.21	4.29	311	79	0.67	9.44	0.38	153	0.40	181	190	1.47	20			
HK20-002	309	310	1	V389339	Original		0.5	8.124689	18	0.0025	3037	0.3	14.1	0.15	419	53.4		0.034	6	77.9				11.652296			3.66	4.11	258	56	0.48	11.41	0.28	60.75	0.67	147	271	1.28	25.3			
HK20-002	310	311	1	V389340	Original		0.5	7.992427	18	0.009	4257	0.5	16.0	0.15	558	46.6		0.043	6	73.9				9.007296			3.86	4.65	328	63	0.82	11.16	0.35	35.94	0.55	102	261	1.05	26.7			
HK20-002	311	312	1	V389341	Original		0.5	8.181373	22	0.0025	3854	0.4	14.7	0.23	360	49.1		0.043	7	78.7				9.293242			4.34	4.72	224	51	0.46	12.29	0.29	97.83	0.81	227	278	1.10	29.2			
HK20-002	312	313	1	V389342	Original		0.5	7.444483	19</																																	

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	281	282	1	V389306		130	23.3			1.9	3412	0.403503	0.49	1.99	20.7	2.185125	0.5		1.35	354	5.9	39.8	3	191	203	8.2	0.4	0.13	1.61	0.28	1	0.09	1.31	0.033587	0.004163	0.598315		23.55453		
HK20-002	282	283	1	V389307		120	28.8			1.9	4078	0.482264	1.67	2.05	19.5	2.969101	0.6		1.94	312	10.3	40.4	2.5	146	229	6.6	0.5	0.1	1.26	0.38	1	0.08	1.78	0.015717	0.006881	2.039154		22.18905		
HK20-002	283	284	1	V389308		105	30.1			1.5	3870	0.457666	0.8	3.44	41.6	3.052503	0.76		2.66	309	9.7	78.8	4.7	132	241	5.1	0.41	0.11	1.45	0.55	3	0.13	1.83	0.007536	0.006566	0.97684		47.33664		
HK20-002	284	285	1	V389309		86.2	21.5			1.7	2842	0.336095	4.01	1.61	22.9	1.801477	0.54		1.4	313	17.2	34.4	2.5	137	200	9.3	1.52	0.12	2.12	0.89	1	0.29	1.08	0.023899	0.026608	4.896412		26.05791		
HK20-002				V389310		125	24.2			2.3	2563	0.3031	4.24	2.47	31.5	3.185946	0.63		2.96	326	9.2	48.2	3.3	172	304	6.8	0.11	0.11	1.14	0.48	2	0.11	1.91							
HK20-002	285	286	1	V389311		87.9	19			2	2394	0.283114	3.14	1.95	22.2	1.43451	0.45		1.52	355	10	51.2	4.2	139	243	9.6	0.32	0.1	1.72	0.55	1	0.14	0.86	0.023253	0.021315	3.834098		25.26138		
HK20-002	286	287	1	V389312		118	25.2			2.5	2873	0.339761	3.14	2.94	40.7	2.752257	0.59		2.52	340	14.3	58.3	3.8	236	314	8.7	0.16	0.13	1.43	0.47	3	0.12	1.65	0.018301	0.032759	3.834098		46.31253		
HK20-002	287	288	1	V389313		108	17.1			1.8	3466	0.409889	8.13	3.69	68.4	1.734756	0.62		3.01	250	13.3	84.1	5.9	209	240	7.5	0.4	0.1	0.99	0.52	3	0.22	1.04	0.024114	0.065089	9.92714		77.83236		
HK20-002	288	289	1	V389314		91.2	16.2			1.5	2282	0.269869	5.72	2.63	33.7	1.43451	0.55		2.59	238	15.1	60.5	4.6	145	223	8.5	0.08	0.09	1.13	0.65	2	0.12	0.86	0.025406	0.03891	6.984408		38.34723		
HK20-002	289	290	1	V389315		139	31.6			2.3	2383	0.281813	2.25	3.43	49.2	3.235987	0.49		3.06	340	6.1	59.1	4.1	189	314	5.9	0.2	0.12	1.3	0.25	3	0.09	1.94	0.01744	0.027323	2.747363		55.98468		
HK20-002	290	291	1	V389316		106	20.3			1.1	5607	0.663083	4.17	2.86	31.4	1.534592	0.44		5.79	207	8	60.7	4.2	101	153	6.5	0.1	0.07	0.36	0.34	1	0.11	0.92	0.013349	0.028611	5.09178		35.73006		
HK20-002	291	292	1	V389317		119	19.7			1.5	5450	0.644517	5.77	3.52	51.5	1.734756	0.59		5.64	211	8.1	75.1	5.1	132	196	5.8	0.33	0.08	0.52	0.39	2	0.18	1.04	0.015502	0.048352	7.045461		58.60185		
HK20-002	292	293	1	V389318		127	24.4			1.5	3416	0.403976	0.89	2.63	24.6	2.335248	0.74		3.18	273	3.4	43.4	2.8	106	204	5.2	0.1	0.1	0.83	0.17	1	0.06	1.4	0.009689	0.006437	1.086735		27.99234		
HK20-002	293	294	1	V389319		102	33.5			2.6	3048	0.360456	1.95	3.86	38.4	4.35357	0.52		3.92	415	2	60.8	3.9	156	334	6	0.29	0.15	1.04	0.15	3	0.09	2.61	0.007536	0.011573	2.381048		43.69536		
HK20-002	294	295	1	V389320		65.5	31.8			2.1	1497	0.177035	1.16	3.74	49.4	3.36943	0.62		3.1	261	8.9	77.7	3.9	67	258	5.8	0.36	0.13	0.93	0.31	3	0.025	2.02	0.004306	0.006237	1.416418		56.21226		
HK20-002	295	296	1	V389321		84.4	27.9			2.4	2411	0.285125	1.01	3.69	40.3	3.419471	0.6		3.13	409	3.7	71.4	4.2	98	285	7.6	0.19	0.11	1.43	0.22	3	0.07	2.05	0.007105	0.008226	1.233261		45.85737		
HK20-002	296	297	1	V389322		80.7	18.2			1.9	2801	0.331246	1.23	3.73	74.2	1.617993	0.61		5.99	484	8.4	91.4	6.7	106	238	14	0.21	0.14	1.79	0.82	3	0.15	0.97	0.020669	0.032187	1.501892		84.43218		
HK20-002	297	298	1	V389323		93.8	18.8			2.2	4677	0.553102	7.32	4.29	57.3	1.968281	0.66		5.55	430	23.3	106	6.6	132	177	9.4	0.27	0.08	2.56	0.66	3	0.21	1.18	0.013779	0.052643	8.938089		65.20167		
HK20-002	298	299	1	V389324		122	18.9			0.15	9167	1.084089	0.06	3.77	52.3	1.284387	0.42		5.49	316	8.6	94	7.5	144	202	8.7	0.02	0.08	0.84	0.26	2	0.14	0.77	0.023468	0.002446	0.073263		59.51217		
HK20-002	299	299	0.35	V389325		145	22.1			2	4172	0.49338	6.33	4.23	77.2	2.452011	0.42		1.97	308	7.7	104	6.4	136	237	14	0.12	0.1	1.15	0.52	3	0.22	1.47	0.037032	0.026894	7.729249		87.84588		
HK20-002	299	299	0.35	V389326		148	21.6			1.9	4147	0.490424	4.26	4.25	77.6	2.351929	0.41		1.95	308	6.5	102	6.4	132	229	13.7	0.11	0.11	1.14	0.42	3	0.17	1.41					V389325		
HK20-002	299.4	300	0.65	V389327		106	18.7			2	5865	0.693594	6.17	8.09	173	1.484551	0.42		5.52	309	7.3	205	13.3	138	254	13.9	0.23	0.1	1.58	0.5	5	0.22	0.89	0.033803	0.04921	7.533881		196.8567		
HK20-002	300	301	1	V389328		117	20.4			1.7	5437	0.642979	5.75	5.65	58.7	2.085043	0.38		4.62	413	5.9	137	8.6	191	232	13.7	0.2	0.11	0.87	0.44	4	0.17	1.25	0.042845	0.044346	7.02104		66.79473		
HK20-002	301	302	1	V389329		132	22.5			2.2	8617	1.019046	6.73	5.09	81.9	2.285207	0.37		4.25	327	13.1	136	9.2	219	201	7.6	0.28	0.11	1.09	0.38	3	0.28	1.37	0.043491	0.038767	8.217669		93.19401		
HK20-002				V389330		1.2	0.25			0.15	136	0.016083	0.025	0.025	0.2	0.00834	0.05		0.42	3	5.8	0.8	0.05	503	1.4	0.05	0.02	0.01	0.05	0.14	1	0.025	0.005							
HK20-002	302	303	1	V389331		65.8	12.5			0.9	8526	1.008284	0.72	3.82	44.3	1.200985	0.38		16.27	397	6.6	99.7	7.3	146	148	7.6	0.18	0.08	1.06	0.39	2	0.17	0.72	0.024975	0.008411	0.879156		50.40897		
HK20-002	303	304	1	V389332		110	17.6			1.7	8394	0.992674	5.13	3.3	42.2	2.068363	0.3		5.72	390	6.4	73.3	5.3	228	214	10.7	0.17	0.12	0.68	0.32	2	0.18	1.24	0.047152	0.04077	6.263989		48.01938		
HK20-002	304	305	1	V389333		128	23.6			1.7	7425	0.87808	2.09	3.27	35.9	2.018322	0.37		5.25	343	4.3	78.9	5.4	180	240	9.6	0.16	0.11	0.71	0.19	2	0.11	1.21	0.040047	0.013847	2.551995		40.85061		
HK20-002	305	305	0.18	V389334		117	17			1.2	8577	1.014315	1.96	3.6	58.3	1.968281	0.35		4.49	343	6.6	74.4	4.7	180	178	10.9	0.1	0.11	0.52	0.26	2	0.13	1.18	0.050166	0.018311	2.393259		66.33957		
HK20-002	305.2	306	0.82	V389335		113	20			1.9	7295	0.862706	4.92	5.33	83.4	1.801477	0.32		4.28	362	7.6	126	8.8	209	209	11.6	0.26	0.13	0.64	0.36	3	0.2	1.08	0.050596	0.04077	6.007568		94.90086		
HK20-002	306	307	1	V389336		91	15.3			1.5	9395	1.111052	4.29	3.76	53	1.784797	0.29		4.52	354	7.3	87.4	5.7	211	184	10.5	0.21	0.1	0.94	0.33	2	0.22	1.07	0.031434	0.039912	5.238306		60.3087		
HK20-002	307	308	1	V389337		114	18.2			1.3	5941	0.702582	2.05	3.82	79	1.668034	0.63		5.64	278	6.8	87.6	5.7	173	200	9.5	0.38	0.09	0.68	0.4	3	0.21	1	0.015287	0.015164	2.503153		89.8941		
HK20-002	308	309	1	V389338		108	20.6			1.6	3905	0.461805	3.76	2.76	41.7	2.018322	0.7		4.86	338	24.8	61.2	4.2	112	233	6.4	0.22	0.09	0.9	0.77	1	0.15	1.21	0.017009	0.025893	4.59115		47.45043		
HK20-002	309	310	1	V389339		118	21.8			1.7	4657	0.550736	4.74	2.25	41.4	1.818158	0.71		5.18	322	11	49.8	3	93	193	6.1	0.17	0.09	0.9	0.49	1	0.11	1.09	0.012057	0.021029	5.787779		47.10906		
HK20-002	310	311	1	V389340		124	20.4			1.5	4579	0.541512	3.04	3.51	52.1	1.684715	0.7		4.75	307	9.4	81	5.5																	

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	329	330	1	V389360	Original		0.5	17.156321	2	0.005	460	0.1	4.1	0.02	132	27.8		0.022	2	82.8				12.20989			5.87	4.60	67.9	34	0.36	2.54	0.09	1.37	1.82	122		97	0.64	7.2		
HK20-002	330	331	1.4	V389361	Original		0.5	15.077912	3	0.0025	568	0.1	5.2	0.01	240	14.2		0.006	3	39.9				5.189918			10.4	6.18	128	21	0.56	1.66	0.12	6.47	2.45	244		43	0.37	7.5		
HK20-002	331.4	332	0.8	V389362	Original		0.5	6.915433	10	0.0025	4189	0.5	20.5	0.12	1000	30.1		0.011	3	64.3				8.092269			1.76	3.52	669	47	1.36	7.08	0.50	22.57	0.26	24.7		74	1.54	22.2		
HK20-002	332.2	333	0.8	V389363	Original		0.5	8.956053	13	0.0025	3076	0.3	15.6	0.15	543	37.5		0.036	4	71.9				10.808755			6.06	5.53	334	84	0.65	9.35	0.43	33.25	0.58	191		114	1.35	15.5		
HK20-002	333	334	1	V389364	Original		0.5	9.069421	15	0.0025	3839	0.4	15.5	0.43	821	37.7		0.020	5	54.4				11.466431			4.4	5.25	500	104	1.25	8.49	0.51	24.61	0.92	114		124	1.83	55.8		
HK20-002				V389365	Control	MEG-BLANK.1	0.5	8.33253	12	0.0025	3845	0.4	14.3	0.52	1000	43.5		0.016	5	105				12.195593			2.44	4.79	623	76	0.92	8.19	0.47	22.26	1.13	41.2		104	2.54	46.9		
HK20-002	334	335	0.8	V389366	Original		0.5	7.822375	9	0.006	504	0.1	15.1	0.18	1000	64.5		0.017	5	214				11.080404			1.38	4.70	534	70	0.86	7.53	0.39	33.77	0.69	39		130	1.97	31.5		
HK20-002	334.8	336	0.7	V389367	Original		0.5	0.963626	16	0.0025	679	0.1	21.0	0.07	1000	132		0.005	0.5	1190				6.44808			0.46	0.66	1006	15	0.91	1.46	0.68	17.65	0.09	112		232	4.88	20		
HK20-002	335.5	337	1	V389368	Original		0.5	9.201683	14	0.011	2611	0.3	15.0	0.65	642	52.1		0.039	5	124				11.637998			6.67	4.91	387	88	0.71	8.84	0.38	54.99	0.77	288		144	1.15	76.5		
HK20-002	336.5	337	0.75	V389369	Original		0.5	5.781756	9	0.0025	2753	0.3	21.0	0.55	1000	25.1		0.008	3	78.1				10.193971			3.47	2.89	601	50	0.99	5.16	0.41	21.16	0.59	232		52	1.70	34.1		
HK20-002	337.3	338	0.75	V389370	Original		0.5	8.256952	16	0.009	3076	0.3	17.7	0.84	1000	34.4		0.014	4	89.2				12.038322			4.07	4.76	909	103	1.24	7.63	0.53	35.16	0.61	100		68	1.26	94.8		
HK20-002	338	339	1	V389371	Original		0.5	9.787417	28	0.009	2338	0.3	13.9	0.61	1000	40		0.017	5	101				10.908836			3.14	5.44	1381	105	2.22	8.84	0.70	74.71	0.78	181		106	1.44	90		
HK20-002	339	340	1	V389372	Original		0.5	7.35001	24	0.008	1820	0.2	16.3	0.73	778	45.8		0.021	2	140				11.123296			2.74	4.53	440	55	1.15	9.14	0.53	46.83	0.38	68.7		112	1.67	55.8		
HK20-002	340	341	1	V389373	Original		0.5	6.594225	22	0.011	4352	0.5	19.5	0.54	756	35.4		0.017	2	114				9.865134			5.22	3.93	444	49	1.37	8.94	0.47	101	0.31	145		84	1.54	60.2		
HK20-002	341	342	1	V389374	Original		0.5	7.10438	12	0.012	3055	0.3	18.6	0.36	525	41.2		0.033	3	117				10.122485			3.34	5.35	324	28	0.61	9.75	0.41	72.57	0.51	109		108	1.33	23.3		
HK20-002	342	343	1	V389375	Original		0.25	9.957468	16	0.012	2460	0.3	14.6	0.28	363	43.5		0.034	5	84.8				9.593485			4.72	5.13	214	68	0.5	9.65	0.27	38.26	1.37	191		165	1.05	29		
HK20-002	342	343	1	V389376	FieldDup		0.25	9.900784	13	0.0025	2364	0.3	14.6	0.26	373	41.7		0.035	5	83.8				9.536296			4.74	4.93	216	67	0.5	9.52	0.26	37.98	1.37	188		167	1.05	26.2		
HK20-002	343	344	1	V389377	Original		0.25	8.445898	16	0.006	1761	0.2	14.0	0.17	231	44.8		0.047	6	90				9.336134			5.57	5.19	124	32	0.36	11.33	0.21	19.85	1.02	124		191	0.96	11.4		
HK20-002	344	345	1	V389378	Original		0.25	5.932913	16	0.019	2109	0.2	16.7	0.19	396	52		0.075	4	112				9.636377			4.65	3.88	222	14	0.42	14.28	0.28	6.3	0.34	70.4		271	1.10	11.7		
HK20-002	345	346	1	V389379	Original		0.25	8.918264	19	0.022	3133	0.3	14.9	0.22	481	40.5		0.037	5	79.4				10.122485			4.55	4.52	260	43	0.56	10.78	0.31	38.04	1.04	75.5		177	1.35	20.1		
HK20-002				V389380	Control	OREAS 59d	2.4	5.989597	719	0.81	151	0.0	3.9	0.2	124	801		0.005	0.5	10000				21.445943			3.12	4.02	103	8	0.29	0.51	0.36	285	0.18	5.6		68	0.14	12.6		
HK20-002	346	347	1.04	V389381	Original		0.25	7.727902	17	0.006	853	0.1	15.3	0.36	726	58.4		0.032	3	191				12.724593			6.16	5.34	450	60	0.77	10.33	0.44	58.49	0.32	131		186	1.42	79.3		
HK20-002	347	348	1.33	V389382	Original		0.25	7.217747	16	0.011	578	0.1	17.3	1.28	674	37.4		0.021	2	164				11.923944			3.65	4.99	412	62	0.66	8.79	0.52	98.93	0.23	403		92	1.12	248		
HK20-002	348.4	350	1.63	V389383	Original		0.25	9.012737	16	0.0025	3919	0.4	14.6	0.28	487	48.4		0.029	3	114				10.694377			4.64	3.93	291	82	0.57	10.26	0.30	111	0.43	138		166	1.35	38.2		
HK20-002	350	351	1	V389384	Original		0.25	8.408109	23	0.0025	4747	0.5	17.3	0.53	988	41.6		0.030	3	97.1				10.437025			3.59	4.87	664	78	0.7	10.89	0.39	39.21	0.50	208		143	1.37	109		
HK20-002	351	352	1	V389385	Original		0.25	8.634844	12	0.007	3957	0.4	14.6	0.19	525	49.8		0.044	4	112				10.608593			4.27	4.36	356	58	0.46	12.55	0.28	22.92	0.90	21.9		173	0.85	29.1		
HK20-002	352	353	1	V389386	Original		0.25	7.557851	10	0.011	3242	0.4	14.1	0.37	475	50.9		0.054	3	101				10.15108			4.42	5.04	283	36	0.49	13.48	0.34	29.98	0.67	67.7		205	0.92	16.4		
HK20-002	353	355	1.5	V389387	Original		0.25	7.142169	18	0.008	3108	0.3	16.4	0.21	503	46		0.050	2	84.9				9.965215			4.21	3.67	286	61	0.76	13.42	0.29	12.48	0.47	157		201	1.37	16.8		
HK20-002	354.5	355	0.8	V389388	Original		0.25	3.514401	63	0.014	1249	0.1	20.9	0.59	1000	50.8		0.069	2	44.8				11.866755			2.61	2.84	686	57	1.02	11.23	0.52	53.7	0.31	164		288	1.21	73.8		
HK20-002	355.3	356	0.7	V389389	Original		0.25	5.989597	21	0.006	2306	0.3	16.5	0.38	622	57.3		0.076	2	86.5				9.865134			4.96	5.29	395	17	0.73	14.36	0.39	14.05	0.26	88.2		280	1.05	59.3		
HK20-002	356	357	1	V389390	Original		0.25	6.896539	14	0.007	3503	0.4	15.2	0.27	532	53.6		0.067	3	96.9				10.322647			5.01	5.26	363	52	0.61	14.44	0.36	14.44	0.31	64.5		272	0.78	54.1		
HK20-002	357	358	1	V389391	Original		0.25	8.427003	13	0.012	3370	0.4	16.0	0.46	892	52.6		0.023	3	113				10.551404			3.17	4.18	541	117	1.19	9.22	0.45	34.66	0.81	105		138	0.92	85.6		
HK20-002	358	359	1	V389392	Original		0.25	8.219163	19	0.0025	4593	0.5	15.3	0.32	954	46.1		0.029	3	59.6				9.836539			4.96	5.70	625	75	1.03	12.24	0.49	24.38	0.54	77.5		189	1.08	62.4		
HK20-002	359	360	1	V389393	Original		0.25	8.37032	14	0.016	4786	0.5	18.3	0.77	1000	33.2		0.019	5	67.9				10.165377			3.55	3.10	1047	69	1.5	8.14	0.53	19.8	0.94	436		97	1.65	99.4		
HK20-002				V389394	Control	MEG-BLANK.1	0.25	10.486518	12	0.007	5801	0.6	15.1	0.48	1000	42.2		0.023	6	48.4				10.808755			2.26	3.07	811	79	0.73	9.80	0.50	30.07	1.24	258		170	1.15	83.7		
HK20-002	360	361	1	V389395	Original		0.25	0.094473	0.5	0.0025	327	0.0	20.5	0.08	4.24	1.3		0.001	0.5	1.1				0.285946			0.05	0.05	3.2	27	0.01</											

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Ti_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	329	330	1	V389360		92.3	19.7			1.7	350	0.041391	7.77	1.09	9.2	1.517911	0.15		2.28	180	2.8	27.3	2.2	15	282	6.1	0.02	0.07	0.16	0.25	1	0.025	0.91	0.00732	0.017452	9.487562		10.46868		
HK20-002	330	331	1.4	V389361		151	8.6			2.5	357	0.042219	13.81	1.56	21	0.617173	0.19		4.23	64	3.6	39.3	3.2	12	535	5.6	0.07	0.08	0.17	0.26	1	0.07	0.37	0.004521	0.034905	16.862706		23.8959		
HK20-002	331.4	332	0.8	V389362		77.6	14.3			0.4	2776	0.32829	0.11	6.27	98.6	1.484551	0.45		8.64	397	6.5	117	8.7	112	203	7.5	0.28	0.11	0.94	0.44	3	0.14	0.89	0.010119	0.003533	0.134316		112.19694		
HK20-002	332.2	333	0.8	V389363		140	24.6			1.7	3802	0.449624	4.41	3.02	35.2	2.535412	0.69		3.11	397	7.3	64.8	4.1	187	251	9	0.05	0.12	0.73	0.3	2	0.09	1.52	0.018086	0.027323	5.384832		40.05408		
HK20-002	333	334	1	V389364		163	21.9			1.2	4352	0.514667	1.68	5.06	52.8	2.168445	0.74		5.49	458	8.1	123	8	220	232	9.6	0.31	0.14	0.8	0.35	3	0.12	1.3	0.022392	0.016308	2.051365		60.08112		
HK20-002				V389365		167	16.5			0.5	4440	0.525074	0.11	5.17	95.8	1.517911	0.64		14.5	386	12.7	117	6.7	253	156	8.5	0.52	0.1	1.22	0.46	3	0.18	0.91							
HK20-002	334	335	0.8	V389366		170	14.7			0.9	3993	0.472212	0.08	6.3	210	1.351108	0.57		24.28	306	3.6	129	7.1	188	134	5.9	0.36	0.11	2.68	0.54	4	0.21	0.81	0.015071	0.005579	0.097684		238.959		
HK20-002	334.8	336	0.7	V389367		28.4	7.3			1.3	3357	0.396999	0.55	8.14	121	0.350287	0.16		16.95	71	11.4	173	8.2	50	83.3	1.8	1.86	0.11	2.25	0.4	5	0.17	0.21	0.00323	0.016022	0.671578		137.6859		
HK20-002	335.5	337	1	V389368		139	25			2.5	2599	0.307358	6.81	2.93	27.8	2.768937	0.86		2.92	397	11.4	73.1	5.3	237	282	11.3	0.43	0.11	0.97	0.47	3	0.18	1.66	0.018947	0.041199	8.315353		31.63362		
HK20-002	336.5	337	0.75	V389369		77.6	13.8			2.2	10000	1.182599	1.93	4.71	43.6	1.567952	0.42		3.86	344	6.1	112	7.7	154	210	8	0.22	0.08	0.91	0.31	3	0.2	0.94	0.010765	0.033188	2.356627		49.61244		
HK20-002	337.3	338	0.75	V389370		114	22.9			2.1	9428	1.114955	1.36	5.71	66.5	2.43533	0.78		9.76	376	6.2	141	9.5	234	216	8.9	0.46	0.1	1.12	0.39	4	0.2	1.46	0.022176	0.014305	1.660629		75.67035		
HK20-002	338	339	1	V389371		101	19.4			1.4	4233	0.500594	0.94	8.67	89.1	2.168445	1.38		4.36	305	7.7	223	16.2	241	158	15.7	0.7	0.11	1.37	1.54	6	0.43	1.3	0.022607	0.025893	1.147787		101.38689		
HK20-002	339	340	1	V389372		82.7	21.9			1.4	3079	0.364122	0.79	4.33	38	2.051682	1.04		4.18	376	33.9	108	7.8	256	209	11	0.47	0.11	1.87	1.2	3	0.22	1.23	0.011842	0.009828	0.96463		43.2402		
HK20-002	340	341	1	V389373		73.2	21			1	3075	0.363649	1.91	4.26	76.4	2.118404	0.64		8.02	390	34.1	116	9.2	203	397	9	0.64	0.1	1.19	7.36	3	0.26	1.27	0.01055	0.020743	2.332206		86.93556		
HK20-002	341	342	1	V389374		104	30.7			2.3	3423	0.404804	2.18	3.46	29.9	2.468691	0.8		2.25	377	7.4	80.6	4.4	136	223	7	0.38	0.12	1.25	0.41	3	0.11	1.48	0.006029	0.015593	2.66189		34.02321		
HK20-002	342	343	1	V389375		151	19.3			1.6	2887	0.341416	5.3	2.1	44.1	1.851518	0.86		3.59	274	13.4	47.8	3.4	151	216	5.6	1.01	0.07	0.56	0.42	1	0.24	1.11	0.014641	0.027323	6.471567		50.18139		
HK20-002	342	343	1	V389376		147	18.4			1.5	2847	0.336686	5.51	2.18	45.2	1.818158	0.85		3.47	276	13.2	46.7	3.5	149	222	5.2	1.04	0.07	0.56	0.41	2	0.26	1.09					V389375		
HK20-002	343	344	1	V389377		142	22.9			1.7	2143	0.253431	5.64	1.63	18.1	1.9516	0.88		3.27	252	7.7	34	2.4	94	234	4.3	0.23	0.07	0.75	0.44	1	0.08	1.17	0.00689	0.017739	6.886724		20.59599		
HK20-002	344	345	1	V389378		104	22.6			1.5	2906	0.343663	2.02	2.08	28.4	2.068363	0.67		6.41	274	6.2	41.6	2.9	100	272	8.3	0.15	0.07	1.09	0.26	1	0.08	1.24	0.003014	0.010071	2.466522		32.31636		
HK20-002	345	346	1	V389379		132	19.9			1.5	2936	0.347211	1.91	2.77	48.1	1.701395	0.76		4.18	265	8.6	56.5	3.9	132	229	6.5	0.28	0.07	0.73	0.24	2	0.08	1.02	0.009258	0.0108	2.332206		54.73299		
HK20-002				V389380		81.4	6.4			8.3	164	0.019395	0.45	0.49	6.4	0.433689	0.34		50.63	89	114	14.4	1.7	28	105	0.4	12.3	0.27	3.3	7.93	3	1.69	0.26							
HK20-002	346	347	1.04	V389381		122	23.1			1.6	2558	0.302509	1.67	3.46	66.5	2.735577	0.75		3.72	448	14.3	66.6	5.3	197	318	10.3	0.65	0.11	1.58	0.46	3	0.23	1.64	0.012918	0.01874	2.039154		75.67035		
HK20-002	347	348	1.33	V389382		136	19.6			1.6	3476	0.411071	2.93	3.74	99.1	2.335248	0.78		3.6	460	29.8	59.5	4.3	506	174	7.6	1.35	0.16	2.1	0.56	3	0.4	1.4	0.013349	0.05765	3.577678		112.76589		
HK20-002	348.4	350	1.63	V389383		130	21.8			1.3	3215	0.380206	2.45	2.44	30.6	2.185125	0.58		3.85	365	10.8	47.5	3.6	143	219	12.3	0.21	0.08	0.96	0.36	2	0.11	1.31	0.017655	0.019741	2.991574		34.81974		
HK20-002	350	351	1	V389384		145	17			1.6	5556	0.657052	4.8	3.78	29.9	2.201805	0.44		6.25	315	10.4	80.1	5	158	181	7	0.53	0.06	0.87	0.37	3	0.21	1.32	0.016794	0.029755	5.861042		34.02321		
HK20-002	351	352	1	V389385		153	21.6			1.5	3167	0.374529	0.88	2.71	31.6	1.801477	0.57		3.49	272	2.9	50.4	3.2	107	182	4.2	0.28	0.07	0.43	0.13	2	0.08	1.08	0.012488	0.003133	1.074524		35.95764		
HK20-002	352	353	1	V389386		142	24			1.5	2242	0.265139	1.76	2.54	31	1.784797	0.47		3.43	296	3.4	46.1	3.2	160	194	6.9	0.21	0.09	0.46	0.15	2	0.08	1.07	0.007751	0.009685	2.149049		35.2749		
HK20-002	353	355	1.5	V389387		95.1	21.5			1.5	2764	0.32687	3.35	3.28	38.6	1.9516	0.39		3.81	355	7.6	65.5	4.9	95	218	14.1	0.19	0.07	0.69	0.29	3	0.1	1.17	0.013134	0.022459	4.090519		43.92294		
HK20-002	354.5	355	0.8	V389388		73.2	15.4			1.2	5564	0.657998	4.02	3.69	68.9	1.601313	0.39		4.71	230	47.7	85.8	6.9	180	165	15.1	1.09	0.06	1.29	0.91	3	0.25	0.96	0.012272	0.023461	4.908623		78.40131		
HK20-002	355.3	356	0.7	V389389		125	26.2			1.5	3729	0.440991	1.51	2.84	37.9	2.051682	0.51		2.47	335	8.9	65.4	4.9	146	258	15.2	0.42	0.08	0.76	0.3	2	0.15	1.23	0.00366	0.012617	1.843786		43.12641		
HK20-002	356	357	1	V389390		146	25.2			1.4	3276	0.38742	1.14	2.63	46	1.884879	0.42		3.45	400	5.6	58.4	4.2	158	231	21	0.15	0.08	0.82	0.2	2	0.06	1.13	0.011196	0.009227	1.391997		52.3434		
HK20-002	357	358	1	V389391		144	22.7			1.6	3903	0.461568	1.02	4.2	74	1.684715	0.34		4.12	487	5.3	96.4	7.8	259	150	23.1	0.67	0.11	0.87	0.13	3	0.13	1.01	0.025191	0.015021	1.245471		84.2046		
HK20-002	358	359	1	V389392		156	23.8			1.4	4098	0.484629	1.54	4.22	59.6	1.668034	0.47		2.24	331	8	102	7.3	204	197	18.3	1.18	0.08	0.79	0.15	3	0.28	1	0.016148	0.011087	1.880418		67.81884		
HK20-002	359	360	1	V389393		118	15.2			1.3	8399	0.993265	8.91	6.8	111	1.301067	0.84		8.37	203	10.6	154	11.2	249	163	8.6	1.62	0.06	0.68	0.33	5	0.84	0.78	0.014856	0.062371	10.879559		126.3069		
HK20-002				V389394		119	14.7			1.1	5119	0.605373	3.46	3.42	74.1	1.117583	1.36		3.89	136	8.1																			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	380	381	1	V389414	Original		0.25	10.259782	10	0.0025	3953	0.4	12.6	0.06	565	97.7		0.019	5	1242				10.579998			3.93	3.83	317	81	0.46	12.37	0.25	24.26	0.42	55.8	266	1.60	25.2			
HK20-002				V389415	Control	OREAS 59a	1.4	9.825206	614	0.189	324	0.0	2.7	0.04	184	722		0.006	0.5	3396				21.445943			5.47	7.47	209	12	0.46	1.21	0.67	89.18	0.30	9.9	51	0.16	8.2			
HK20-002	381	382	1	V389416	Original		0.25	8.993842	11	0.015	3145	0.4	18.3	0.17	365	39.9		0.019	4	71.8				10.966025			3.39	3.24	186	64	0.55	10.51	0.21	18.77	0.32	50.5	110	1.70	16.8			
HK20-002	382	383	1	V389417	Original		0.25	8.937158	9	0.017	2802	0.3	18.3	0.24	693	39.9		0.021	5	85.2				10.522809			4.17	3.73	400	68	0.56	10.31	0.26	22.17	0.42	124	121	1.95	36.7			
HK20-002	383	384	1	V389418	Original		0.25	8.445898	7	0.012	1968	0.2	18.2	0.25	399	40.7		0.019	6	77.6				11.008917			2.81	2.72	207	57	0.41	10.48	0.21	68.79	0.38	30	115	1.70	20.8			
HK20-002	384	385	1	V389419	Original		0.25	11.280092	9	0.018	2804	0.3	15.2	0.17	434	41.2		0.025	11	97.5				11.123296			4.69	3.07	270	93	0.44	9.54	0.25	35.02	1.39	189	129	1.65	13.7			
HK20-002				V389420	Control	MEG-BLANK.1	0.25	0.113368	0.5	0.007	2607	0.3	21.0	0.13	4.59	1		0.000	0.5	0.8				0.142973			0.06	0.06	4.2	21	0.02	20.94	0.05	0.83	0.07	0.8	1	0.01	4.7			
HK20-002	385	386	1	V389421	Original		0.25	8.880474	9	0.019	2605	0.3	18.2	0.21	447	41.1		0.015	6	86.3				10.680079			3.44	3.34	246	59	0.5	10.80	0.23	88.65	0.39	22.5	113	1.63	16.6			
HK20-002	386	387	1	V389422	Original		0.25	8.804896	10	0.015	2794	0.3	17.4	0.3	561	41.9		0.023	5	89.4				10.851647			4.36	3.58	323	59	0.55	10.41	0.24	22.44	0.40	91.7	120	1.76	29.7			
HK20-002	387	388	1	V389423	Original		0.25	9.655154	9	0.021	2814	0.3	14.2	0.11	470	45.1		0.020	7	77				10.908836			4.36	4.07	275	87	0.5	11.59	0.27	15.64	0.49	44.9	154	1.21	11.3			
HK20-002	388	388	0.22	V389424	Original		0.9	7.482272	12	0.012	4381	0.5	19.3	0.1	904	172		0.015	3	838				8.263837			2.11	3.53	494	75	0.87	10.66	0.34	14.87	0.39	62.6	355	2.06	22			
HK20-002	388.2	389	0.78	V389425	Original		0.8	10.335361	12	0.012	3895	0.4	9.5	0.08	649	82.7		0.019	7	318				11.68089			4.95	7.64	380	81	0.52	13.86	0.35	25.89	0.38	161	269	1.60	26.5			
HK20-002	388.2	389	0.78	V389426	FieldDup		0.9	10.259782	12	0.007	3725	0.4	9.4	0.1	639	79.9		0.021	7	304				11.566512			5.44	7.52	377	81	0.53	13.70	0.34	24.9	0.38	196	252	1.63	26.7			
HK20-002	389	390	1	V389427	Original		0.25	9.088315	11	0.013	3359	0.4	18.1	0.27	486	41.6		0.020	4	98.3				10.83735			4.18	3.18	272	66	0.55	10.21	0.26	23.63	0.31	175	110	1.97	24.8			
HK20-002	390	391	1	V389428	Original		0.25	9.10721	9	0.015	3448	0.4	17.3	0.18	547	42.1		0.017	5	87.1				10.680079			4.19	3.08	306	55	0.6	10.75	0.25	11.95	0.27	84	119	1.83	21.8			
HK20-002	391	392	1	V389429	Original		0.25	8.937158	11	0.074	2330	0.3	17.9	0.17	460	39.8		0.012	5	81.4				10.522809			4.71	3.29	237	50	0.43	10.23	0.23	12.3	0.42	67.9	104	1.72	16			
HK20-002	392	393	1	V389430	Original		0.25	8.767107	12	0.057	1955	0.2	18.3	0.16	383	41.1		0.021	4	81.4				11.037512			2.86	3.48	186	50	0.41	10.76	0.21	5.04	0.38	38.4	112	1.95	13			
HK20-002	393	394	1	V389431	Original		0.25	9.655154	8	0.016	2212	0.2	16.1	0.2	395	44.5		0.027	5	80				10.665782			5.66	3.22	215	54	0.41	11.03	0.22	22.94	0.59	175	136	1.65	12.8			
HK20-002	394	395	1	V389432	Original		0.25	8.464793	10	0.011	2789	0.3	16.8	0.3	366	40.8		0.021	4	58.8				10.008107			5.16	3.11	192	60	0.44	10.48	0.21	23.44	0.75	131	131	1.72	24.7			
HK20-002	395	396	1	V389433	Original		0.25	8.030216	7	0.019	2395	0.3	19.9	0.22	728	37.2		0.017	4	57.4				10.322647			2.51	3.05	426	41	0.57	9.68	0.26	4.18	0.67	66	99	1.90	28.4			
HK20-002	396	397	1	V389434	Original		0.25	9.692943	7	0.023	2365	0.3	16.4	0.17	434	41.4		0.018	4	85.9				10.765863			4.64	3.14	218	61	0.5	10.05	0.28	5.63	0.73	90.6	112	1.49	7.4			
HK20-002	397	398	1	V389435	Original		0.25	9.069421	11	0.017	4546	0.5	16.6	0.13	425	35		0.023	4	34.9				10.951728			3.73	3.10	225	59	0.7	10.80	0.32	5.03	0.59	58.3	120	1.44	10.4			
HK20-002	398	399	1	V389436	Original		0.25	8.786001	6	0.013	2527	0.3	17.0	0.11	353	43.2		0.019	5	91.7				10.079593			4.09	3.96	185	41	0.36	11.66	0.20	7.76	0.47	56.4	144	1.47	11.6			
HK20-002	399	400	1	V389437	Original		0.5	8.0869	12	0.052	2390	0.3	19.4	0.14	450	37.8		0.020	5	73.2				10.179674			4.21	3.32	228	46	0.52	10.21	0.24	5.91	0.49	167	99	2.27	8.7			
HK20-002	400	401	1	V389438	Original		0.25	8.880474	15	0.042	2738	0.3	18.4	0.06	383	36.3		0.015	5	83.1				10.923133			3.7	4.58	191	40	0.53	11.43	0.23	4.1	0.42	59.7	113	2.09	6.8			
HK20-002	401	402	1	V389439	Original		0.25	8.068006	13	0.017	2656	0.3	18.2	0.14	502	34		0.015	5	55.5				10.708674			1.86	4.25	277	44	0.62	10.78	0.24	6.87	0.40	9.8	119	1.88	30			
HK20-002	402	403	1	V389440	Original		0.5	9.749627	12	0.012	2928	0.3	16.4	0.26	479	44.8		0.023	10	104				9.822242			5.37	4.29	282	62	0.47	11.24	0.27	6.37	0.59	61.5	177	1.28	19.2			
HK20-002	403	404	1	V389441	Original		0.25	8.842685	6	0.012	2821	0.3	17.2	0.09	334	34.2		0.012	5	77				10.422728			2.84	4.67	169	50	0.45	11.18	0.21	4.94	0.42	18.9	129	1.19	7.6			
HK20-002	404	405	1	V389442	Original		0.5	9.220578	11	0.012	3223	0.4	17.0	0.13	345	38.3		0.021	5	88.8				11.008917			4.41	4.48	168	33	0.48	11.49	0.20	9.03	0.34	42.8	131	1.86	10.1			
HK20-002	405	406	1	V389443	Original		0.7	8.275846	14	0.011	3129	0.3	16.9	0.17	352	40.1		0.023	6	85.4				10.751566			4.45	4.69	180	33	0.63	10.98	0.24	11.1	0.43	116	132	1.99	24.9			
HK20-002	406	407	0.9	V389444	Original		0.6	9.976363	15	0.029	3142	0.4	16.5	0.22	365	40.2		0.019	4	103				11.36635			4.73	5.11	185	64	0.53	10.43	0.27	16.57	0.51	148	129	1.65	24.8			
HK20-002				V389445	Control	OREAS 59d	2.1	5.895123	654	0.677	162	0.0	4.0	0.34	119	743		0.005	0.5	10000				21.445943			2.96	3.89	93.9	8	0.28	0.51	0.34	251	0.18	5.3	74	0.16	10.1			
HK20-002	406.9	407	0.25	V389446	Original		1.4	5.158233	13	0.008	1184	0.1	21.0	0.1	1000	98.2		0.012	3	1139				7.806323			1.25	3.46	583	33	0.95	7.61	0.33	22.54	0.26	26.3	295	1.92	41.9			
HK20-002	407.2	408	0.85	V389447	Original		0.25	8.804896	12	0.009	2092	0.2	15.1	0.11	375	48.2		0.016	4	72.8				10.165377			3.19	4.19	188	36	0.4	11.66	0.18	23.11	0.46	7.7	132	1.58	14.3			
HK20-002	408	409	1	V389448	Original		0.25	8.729317	8	0.017	1765	0.2	17.1	0.11	343	41.9		0.010	4	75.3				10.579998			2.44	4.40	159	30	0.41	10.76	0.20	13.35	0.61	9.5	117	1.37	13.1			
HK20-002	409	410	1	V389449	Original		0.25	9.031631	9	0.01	1881	0.2	14.3	0.21	382	56.3		0.018	4	239				11.795268			3.12	4.01	194	39	0.42	11.57	0.22	24.29	0.59	8.8	144	1.63	22.6			
HK20-002	410	411	1	V389450	Original		0.25	8.786001	15	0.0																																

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	380	381	1	V389414		101	22.6			0.6	1354	0.160124	1.11	1.96	54.9	1.184304	0.8			11.16	286	6.4	44.1	3.1	107	274	9.5	0.53	0.05	0.78	1.69	1	0.11	0.71	0.01744	0.007982	1.355366		62.47071		
HK20-002				V389415		157	14			9.9	92.9	0.010986	0.78	0.87	11	0.800657	0.49			19.85	101	140	29.5	3.1	27	192	0.8	12.33	0.2	2.77	8.48	1	1.97	0.48							
HK20-002	381	382	1	V389416		87.6	22.8			0.5	2966	0.350759	0.98	2.14	37.8	1.351108	0.63			8.79	300	5.6	48.3	3.7	104	258	8.6	0.07	0.07	0.34	0.2	1	0.08	0.81	0.013779	0.007224	1.196629		43.01262		
HK20-002	382	383	1	V389417		114	20.1			1.3	3621	0.428219	2.86	2.99	42	1.567952	0.54			9.51	223	5.4	71.2	4.3	123	262	7.3	0.24	0.07	0.26	0.37	1	0.17	0.94	0.014641	0.017739	3.492204		47.7918		
HK20-002	383	384	1	V389418		87	21			0.4	3081	0.364359	0.9	2.28	38.6	1.251026	0.38			8.12	244	7.6	47.2	3	120	222	5.6	0.09	0.07	0.25	0.22	1	0.07	0.75	0.012272	0.004292	1.098945		43.92294		
HK20-002	384	385	1	V389419		86.2	21.8			1.5	4093	0.484038	6.18	1.92	30.9	1.801477	0.7			5.96	204	15.8	46.2	3.1	110	243	5.9	0.07	0.06	0.4	0.73	1	0.11	1.08	0.020023	0.027037	7.546092		35.16111		
HK20-002				V389420		1.2	0.25			0.15	171	0.020222	0.025	0.025	0.2	0.00834	0.05			0.33	4	0.4	0.7	0.05	31	2.1	0.05	0.02	0.01	0.09	0.33	1	0.025	0.005							
HK20-002	385	386	1	V389421		91.3	23.9			0.3	3371	0.398654	0.43	2.37	39.5	1.251026	0.38			8.53	246	12.9	54	3.6	101	249	7.3	0.06	0.07	0.18	0.19	1	0.08	0.75	0.012703	0.003219	0.525052		44.94705		
HK20-002	386	387	1	V389422		98.6	24.1			0.9	4047	0.478598	2.21	2.65	39.2	1.601313	0.54			7.86	245	8.1	63.5	4.2	134	283	5.9	0.22	0.07	0.18	0.27	1	0.09	0.96	0.012703	0.013118	2.698521		44.60568		
HK20-002	387	388	1	V389423		112	25.4			0.5	2775	0.328171	0.62	2.16	31.9	1.567952	0.55			5.27	234	6	54.9	3.6	133	263	8.3	0.13	0.06	0.28	0.27	1	0.08	0.94	0.018731	0.006423	0.757051		36.29901		
HK20-002	388	388	0.22	V389424		81.9	12.9			0.8	1045	0.123582	0.82	3.54	94.2	0.717255	0.5			16.03	382	5.4	81.4	6.2	197	169	6.2	1.38	0.06	0.68	0.46	1	0.08	0.43	0.016148	0.008955	1.001261		107.19018		
HK20-002	388.2	389	0.78	V389425		235	26.3			0.8	1150	0.135999	1.23	2.28	78.2	1.317747	0.73			19.38	341	8.3	58.6	3.8	192	327	8.7	0.25	0.05	0.83	0.53	1	0.07	0.79	0.01744	0.023031	1.501892		88.98378		
HK20-002	388.2	389	0.78	V389426		234	27.5			0.9	1171	0.138482	0.8	2.31	76.2	1.284387	0.7			18.74	338	9.1	58.8	3.8	192	333	8.6	0.27	0.05	0.82	0.55	1	0.1	0.77					V389425		
HK20-002	389	390	1	V389427		92.8	23.1			1.3	3372	0.398772	4.53	2.63	41.2	1.634674	0.33			11.63	295	9.1	58.8	3.9	137	288	8	0.07	0.07	0.19	0.28	1	0.07	0.98	0.01421	0.025034	5.531358		46.88148		
HK20-002	390	391	1	V389428		92.2	25			0.7	3645	0.431057	2.23	2.74	43.6	1.634674	0.42			9.79	253	7.9	66.6	4.4	110	277	5	0.07	0.07	0.13	0.18	1	0.07	0.98	0.011842	0.012016	2.722942		49.61244		
HK20-002	391	392	1	V389429		96.3	22			0.5	3516	0.415802	1.45	2.31	42.9	1.634674	0.31			9.98	237	6.4	48.3	3.1	122	310	5	0.07	0.07	0.13	0.26	1	0.08	0.98	0.010765	0.009713	1.770523		48.81591		
HK20-002	392	393	1	V389430		101	23.6			1.1	2973	0.351587	1.27	2.2	41.7	1.517911	0.38			9.31	240	1.8	46.3	2.9	111	267	5.3	0.05	0.07	0.13	0.1	1	0.025	0.91	0.010765	0.005493	1.550734		47.45043		
HK20-002	393	394	1	V389431		100	25			1.6	3054	0.361166	6.58	2.1	41.8	2.035002	0.48			6.81	236	9.9	47.7	3	107	312	3.4	0.08	0.06	0.18	0.53	1	0.08	1.22	0.011626	0.025034	8.034512		47.56422		
HK20-002	394	395	1	V389432		96.6	23.3			1.2	3085	0.364832	3.93	2.15	37.4	1.784797	0.85			7.76	224	14.9	50.1	3.3	117	370	4.1	0.33	0.07	0.42	0.43	1	0.1	1.07	0.012918	0.01874	4.798728		42.55746		
HK20-002	395	396	1	V389433		97.8	20.8			1	4630	0.547543	2.24	3.21	49	1.501231	0.34			8.99	185	2.6	75.6	4.5	89	225	2.1	0.15	0.06	0.11	0.17	1	0.07	0.9	0.008827	0.009441	2.735153		55.7571		
HK20-002	396	397	1	V389434		99.8	25.2			1.5	3871	0.457784	1.69	2.71	48.6	1.768117	0.3			8.37	269	2.5	58.9	3.6	126	276	4.7	0.02	0.09	0.07	0.13	1	0.06	1.06	0.013134	0.012961	2.063575		55.30194		
HK20-002	397	398	1	V389435		88.2	25.7			1.2	3732	0.441346	1.51	3.1	58.8	1.601313	0.26			5.49	276	2.9	71.6	5	110	243	7.2	0.02	0.07	0.09	0.11	1	0.025	0.96	0.012703	0.00834	1.843786		66.90852		
HK20-002	398	399	1	V389436		100	25.8			0.5	3863	0.456838	1.22	1.93	29.2	1.501231	0.42			7.67	203	2.9	40.9	2.5	80	237	3.3	0.02	0.06	0.19	0.17	1	0.08	0.9	0.008827	0.008068	1.489682		33.22668		
HK20-002	399	400	1	V389437		101	21.9			1.1	3505	0.414501	4.99	2.5	42.5	1.768117	0.3			10.09	200	4.8	56.4	3.7	90	317	4.5	0.06	0.05	0.17	0.27	1	0.09	1.06	0.009904	0.02389	6.093042		48.36075		
HK20-002	400	401	1	V389438		156	21.6			0.8	3049	0.360575	1.9	2.64	40	1.684715	0.32			11.87	233	6	47.3	3.3	78	275	6.3	0.02	0.07	0.25	0.19	1	0.05	1.01	0.008612	0.00854	2.319996		45.516		
HK20-002	401	402	1	V389439		145	20			0.15	4377	0.517624	0.23	2.92	36.7	1.234345	0.42			7.75	266	3.9	58.9	4.2	90	212	6.6	0.31	0.07	0.2	0.1	1	0.06	0.74	0.009473	0.001402	0.280842		41.76093		
HK20-002	402	403	1	V389440		114	20.2			0.5	5705	0.674673	0.89	2.33	19.9	1.567952	0.53			6.24	215	15.2	45.1	3.1	87	362	17.2	0.05	0.07	0.35	0.41	1	0.07	0.94	0.013349	0.008798	1.086735		22.64421		
HK20-002	403	404	1	V389441		143	19.1			0.15	3271	0.386828	0.65	2.34	32.3	1.017501	0.25			9.39	231	5.2	41.8	2.9	74	267	5.1	0.02	0.06	0.13	0.1	1	0.025	0.61	0.010765	0.002704	0.793683		36.75417		
HK20-002	404	405	1	V389442		161	22.2			0.6	4008	0.473986	1.61	2.45	35	1.668034	0.31			11.28	278	9.3	43.2	3	96	338	7	0.02	0.07	0.21	0.32	1	0.05	1	0.007105	0.006123	1.965891		39.8265		
HK20-002	405	406	1	V389443		148	21.6			1.3	3297	0.389903	4.68	2.68	56	1.834838	0.35			7.4	280	7.9	52.8	3.9	138	287	6.6	0.09	0.09	0.1	0.4	1	0.07	1.1	0.007105	0.016594	5.714516		63.7224		
HK20-002	406	407	0.9	V389444		144	19.7			1.6	2733	0.323204	4.81	2.58	48.8	2.001641	0.36																								

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	428	429	1	V389468	Original		0.5	7.142169	21	0.0025	5197	0.6	19.3	0.8	961	49.5	286	0.042	2.1	130	20.85	9.83	11.72	13.139214	12	31.62	3.19	3.73	4.58		590	92	1.06	9.92	0.46	48	0.49	652	299	151	1.51	117
HK20-002	429	430	1	V389469	Original		0.5	6.991012	31	0.0025	8432	0.9	18.6	0.5	923	37.9	388	0.057	1.5	135	25.46	12.76	12.74	11.566512	14	33.05	2.56	4.54	5.54		630	83	1.45	10.81	0.49	29	0.19	730	272	176	1.58	72
HK20-002				V389470	Control	OREAS 59a	1.5	9.749627	646	0.167	316	0.0	2.8	0.11	200	741		0.006	0.5	3270				21.445943			5.57		6.58		236	12	0.49	1.23	0.65	88.47	0.30	10.1		52	0.18	9.1
HK20-002	430	431	1	V389471	Original		0.5	5.536126	29	0.0025	10943	1.2	22.8	0.6	767	38.7	272	0.040	0.9	211	24.77	13.5	12.15	12.624512	11	31.38	2.76	4.57	4.22		440	25	1.72	10.30	0.51	15	0.13	612	245	142	1.15	55
HK20-002	431	432	1	V389472	Original		0.5	7.671218	26	0.019	3784	0.4	20.4	0.5	674	39.5	197	0.029	2.9	85	17.33	8.49	9.86	11.780971	12	24.86	3.63	2.99	4.94		385	65	0.89	9.00	0.40	13	0.50	525	223	143	1.51	21
HK20-002	432	433	1	V389473	Original		0.5	6.613119	15	0.008	4829	0.5	15.8	0.3	925	58.4	462	0.068	2.5	80	17.46	6.33	13.28	14.497457	13	32.25	5.97	2.66	4.58		476	30	0.49	12.24	0.42	13	0.51	420	337	214	0.82	25
HK20-002	433	434	1	V389474	Original		0.5	6.08407	16	0.0025	3765	0.4	17.5	0.4	695	60.4	434	0.063	2	80	18.21	7.99	11.77	15.198025	13	28.56	4.12	3.07	4.46		340	18	0.69	11.26	0.37	36	0.44	353	267	187	1.44	20
HK20-002	434	435	1	V389475	Original		0.5	6.915433	13	0.0025	3968	0.4	16.8	0.3	753	54.4	447	0.065	2	83	18.37	7.32	13.22	13.968457	13	32.78	6.4	2.93	4.46		385	29	0.59	11.94	0.37	29	0.50	354	284	212	1.74	18
HK20-002	435	436	1	V389477	Original		0.5	3.287665	13	0.008	4278	0.5	34.0	0.7	1237	30.2	226	0.033	0.6	68	39.01	17.72	20.83	7.463188	7	54.79	1.02	6.54	2.89		680	14	1.67	6.95	0.47	15	0.23	208	411	109	2.89	57
HK20-002	436	437	1	V389478	Original		0.5	5.876229	15	0.009	4358	0.5	23.2	0.3	1291	43.4	342	0.050	1.6	57	32.94	16.29	16.83	11.294863	11	43.65	3.27	5.83	3.73		727	39	1.63	8.61	0.51	28	0.73	284	412	131	1.86	38
HK20-002				V389479	Control	MEG-BLANK.1	0.25	0.094473	0.5	0.0025	281	0.0	21.0	0.04	4.27	1.8		0.000	0.5	1.3				0.128676			0.04		0.04		2.4	11	0.01	22.98	0.06	0.025	0.04	1.4		0.5	0.01	1.7
HK20-002	437	438	1	V389480	Original		0.5	7.217747	17	0.008	4321	0.5	20.1	0.4	1433	43.4	362	0.053	2.3	62	29.65	14.22	16.47	11.409241	14	41.43	4.16	5.15	4.22		861	61	1.2	10.15	0.49	29	0.84	527	435	122	1.72	24
HK20-002	438	439	1	V389481	Original		0.5	6.726487	31	0.008	3202	0.4	19.0	0.4	723	49.8	424	0.062	1.6	85	18.64	9.04	10.56	13.096322	13	27.07	4.38	3.23	5.06		404	65	0.93	10.65	0.42	44	0.36	320	241	174	1.72	44
HK20-002	439	440	1	V389482	Original		0.5	7.06659	35	0.007	4920	0.5	20.3	0.7	894	33.6	242	0.035	0.6	88	40.47	23.27	17.43	10.851647	12	48.18	1.86	7.5	5.30		505	76	2.5	8.79	0.48	62	0.40	897	303	139	1.76	50
HK20-002	440	441	1	V389483	Original		0.5	10.089731	20	0.014	2615	0.3	14.7	0.3	547	41.2	248	0.036	1.5	62	14.3	7.5	8.23	12.767485	14	20.55	4.51	2.54	4.70		261	47	0.87	8.51	0.34	56	2.02	516	190	135	1.21	22
HK20-002	441	442	1	V389484	Original		0.5	14.870071	46	0.0025	1699	0.2	8.7	0.1	240	33.3	120	0.018	2.4	41	6.19	3.24	3.87	11.595106	16	9.45	4.76	1.11	2.89		121	29	0.38	5.41	0.21	3	4.60	151	92.5	62	1.49	5
HK20-002	442	443	1	V389485	Original		0.5	7.709008	38	0.0025	4119	0.5	19.9	0.4	672	35.8	242	0.035	1	84	35.67	20.48	13.38	10.565701	14	39.19	2.1	6.6	5.42		370	46	2.22	8.64	0.44	171	0.36	627	232	120	2.22	48
HK20-002	443	444	1	V389486	Original		0.5	7.35001	39	0.0025	3435	0.4	20.8	0.3	633	40.3	222	0.032	1	105	36.08	20.56	13.92	12.009728	14	40.04	1.66	6.6	5.18		340	61	2.41	8.76	0.43	186	0.36	755	227	123	2.43	44
HK20-002	444	445	1	V389487	Original		0.5	7.84127	14	0.005	2146	0.2	20.7	0.4	447	46.4	131	0.019	3.9	203	12.17	4.88	7.9	12.410052	15	20.29	3.09	1.91	4.82		214	39	0.47	7.84	0.33	22	0.61	526	157	118	2.11	14
HK20-002	445	446	1	V389488	Original		0.5	7.425588	15	0.0025	1615	0.2	18.7	0.4	432	52.7	194	0.028	3.4	239	11.33	4.62	7.05	13.968457	15	18.42	4.47	1.79	4.22		208	37	0.41	9.07	0.32	12	0.65	340	156	168	1.70	19
HK20-002	446	447	1	V389489	Original		0.5	7.557851	34	0.0025	3765	0.4	20.4	0.8	686	41.8	216	0.032	2.1	188	28.43	14.97	13.3	13.410863	14	36.58	3.48	5.18	4.82		391	69	1.58	8.86	0.50	97	0.40	800	235	134	2.06	100
HK20-002				V389490	Control	OREAS 59d	2.3	6.140754	721	0.672	231	0.0	4.0	0.35	165	847		0.004	0.5	10000				21.445943			3.32		3.82		145	8	0.32	0.51	0.34	293	0.19	5.8		72	0.16	11.4
HK20-002	447	448	1	V389491	Original		0.5	4.704762	45	0.0025	5450	0.6	28.4	0.5	1079	37.3	187	0.027	0.8	76	48.25	26.93	21.08	11.480728	9	57.53	0.94	8.77	3.37		585	54	3.11	9.70	0.54	97	0.19	588	374	114	3.99	43
HK20-002	448	449	1	V389492	Original		0.5	8.691528	32	0.0025	3285	0.4	20.3	0.5	719	36	164	0.024	2.2	69	34.35	19.4	14.26	12.095512	14	40.25	3.26	6.46	4.82		417	62	2.04	7.89	0.42	174	0.66	775	240	81	2.20	50
HK20-002	449	450	1	V389493	Original		0.5	10.392045	16	0.0025	5238	0.6	15.4	0.1	443	39.6	255	0.037	1.9	58	10.94	4.68	6.9	11.795268	16	17.83	5.35	1.73	6.02		227	66	0.48	8.59	0.36	17	0.47	397	147	108	1.28	15
HK20-002	450	451	1	V389494	Original		0.5	8.124689	28	0.0025	5292	0.6	18.7	0.3	609	43.2	282	0.041	1.3	109	24.99	14.34	11.2	11.509323	14	31.22	3.68	4.7	5.42		358	57	1.81	9.85	0.45	102	0.49	533	203	141	1.90	42
HK20-002	451	452	1	V389495	Original		0.5	7.727902	24	0.0025	6105	0.7	17.9	0.4	717	45	403	0.059	1.3	78	18.76	9.17	10.84	12.20989	13	27.23	3.93	3.19	5.42		413	72	1.1	10.40	0.47	57	0.43	542	238	166	1.28	70
HK20-002	452	453	1	V389496	Original		0.5	8.389214	16	0.0025	3316	0.4	16.1	0.3	635	50.1	387	0.057	4.1	82	12.49	5.11	8.71	12.481539	14	21.77	5.54	2.02	4.46		373	60	0.47	11.79	0.34	21	0.61	274	213	213	0.85	28
HK20-002	453	454	1	V389497	Original		0.5	5.479442	12	0.0025	4872	0.5	27.3	0.9	2922	34.6	264	0.039	2.9	55	40.25	19.47	26.04	9.393323	7	61.42	1.8	7.12	3.85		1998	47	1.26	6.98	0.55	43	0.34	609	712	147	2.18	248
HK20-002	454	455	1	V389498	Original		0.5	8.068006	20	0.0025	3325	0.4	18.2	0.5	589	47.3	387	0.057	4.9	85	11.99	4.89	8.08	11.080404	13	20.7	3.2	1.88	4.94		354	51	0.4	11.82	0.32	21	0.65	179	184	210	1.26	61
HK20-002	455	456	1	V389499	Original		0.5	8.33253	26	0.0025	2846	0.3	16.9	0.8	445	48.3	391	0.057	4.8	97	10.07	4.49	6.6	10.894539	14	16.06	4.29	1.64	4.70		253	60	0.47	11.81	0.29	31	0.61	169	138	205	0.85	34
HK20-002	456	457	1	V389500	Original		0.5	5.932913	33	0.0025	4184	0.5	24.1	1.2	2573	39.3	287	0.042	1.3	76	37.24	18.38	23.71	12.081214	10	56.2	1.98	6.46	3.73		1654	59	1.77	10.07	0.87	44	0.16	433	678	149	2.29	74
HK20-002	457	458	1	V389501	Original																																					

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	478	479	1	V389523	Original		0.5	7.935743	29	0.011	3135	0.4	20.1	0.3	501	42.7	298	0.044	3.6	81	54.82	28.75	15.25	12.224187	14	53.77	1.7	9.79	4.22	263	38	2.85	10.40	0.38	27	0.46	638	196	162	2.70	18	
HK20-002	479	480	1	V389524	Original		1	6.82096	41	0.012	7158	0.8	21.8	0.4	785	49.8	247	0.036	1.8	361	38.91	22.08	12.64	12.924755	13	42.35	4.02	7.11	4.10	456	55	2.65	9.75	0.55	189	0.30	875	245	214	2.11	54	
HK20-002	480	481	1	V389525	Original		0.5	9.296156	22	0.009	4223	0.5	16.0	0.1	514	48.1	238	0.035	3.8	228	16.16	7.32	9.99	15.269511	16	28.12	3.98	2.6	5.42	251	100	0.84	8.61	0.41	102	0.49	288	230	164	1.54	20	
HK20-002	481	482	1	V389527	Original		0.5	8.710423	25	0.017	4488	0.5	18.7	0.2	567	47.2	160	0.023	2.5	167	19.92	10.26	9.73	13.997052	13	27.66	5.15	3.46	4.82	285	69	1.27	8.49	0.47	156	0.55	474	216	154	1.90	17	
HK20-002	482	483	0.75	V389528	Original		0.5	12.13035	24	0.007	2428	0.3	14.1	0.1	411	48.6	258	0.038	14.9	78	8.01	3.48	5.04	12.281376	14	13.73	3.76	1.31	3.25	214	86	0.35	10.96	0.27	11	1.93	159	136	287	1.40	18	
HK20-002	482.8	483	0.35	V389529	Original		0.5	15.002333	42	0.184	2622	0.3	19.3	0.1	894	15.3	47	0.007	6.3	13	17.15	7.36	10.95	7.491783	15	30.42	4.49	2.72	2.53	485	71	0.72	5.65	0.29	41	3.02	316	302	65	2.22	15	
HK20-002	483.1	484	0.9	V389530	Original		0.5	10.656569	32	0.009	2464	0.3	18.2	0.1	374	46.6	231	0.034	7.1	94	9.17	3.69	5.86	11.723782	14	16.44	6.04	1.42	4.34	173	64	0.36	10.30	0.23	10	0.69	188	146	172	1.83	12	
HK20-002	484	485	1	V389531	Original		0.5	8.105795	39	0.013	3284	0.4	21.3	0.1	617	41.9	256	0.037	3.4	118	19.82	9.81	9.85	11.709485	14	28.47	3.86	3.38	3.73	342	57	1.23	9.55	0.37	65	0.65	322	224	151	2.18	18	
HK20-002	485	486	1	V389532	Original		0.5	9.10721	23	0.019	5381	0.6	16.8	0.3	469	42.2	236	0.034	4	299	13.36	6.24	7.21	13.63962	16	20.56	4.55	2.15	5.42	248	56	0.68	9.07	0.43	43	0.65	535	167	205	1.72	30	
HK20-002	486	487	1	V389533	Original		0.5	10.486518	28	0.015	2834	0.3	14.4	0.3	179	54.7	317	0.046	4.4	121	7.3	3.69	3.66	12.58162	17	10.46	4.07	1.24	5.78	89.8	61	0.52	10.80	0.30	134	1.13	493	77	231	0.76	59	
HK20-002	487	488	1	V389534	Original		0.5	8.729317	30	0.018	3788	0.4	15.8	0.6	401	51.9	388	0.057	2	242	12.72	5.95	7.24	14.64043	16	20.79	4.45	2.05	5.78	193	62	0.71	9.45	0.42	53	0.50	634	163	214	1.74	39	
HK20-002	488	489	1	V389535	Original		0.5	6.367489	50	0.016	5210	0.6	21.8	0.4	784	47.1	750	0.110	2.6	111	20.63	10.66	10.06	11.766674	12	29.22	4.82	3.56	4.70	484	55	1.28	11.09	0.45	64	0.26	308	246	216	1.74	75	
HK20-002	489	490	1	V389536	Original		0.5	7.331115	43	0.015	4684	0.5	18.5	0.7	562	54	229	0.033	2	235	20.03	8.15	10.12	14.454565	15	29.74	3.97	3.09	5.06	279	60	0.78	9.44	0.59	82	0.59	773	216	188	2.02	74	
HK20-002	490	491	1	V389537	Original		0.5	8.256952	34	0.017	3866	0.4	17.5	0.3	555	47.1	251	0.037	1.3	181	20.14	8.12	11.98	13.468052	16	34.77	4.32	3.01	5.90	260	55	0.95	9.02	0.45	96	0.61	672	224	175	1.76	77	
HK20-002	491	492	1	V389538	Original		0.5	7.84127	48	0.019	7380	0.8	16.1	1.1	1146	47.1	233	0.034	1.2	172	19.6	8.72	13.44	15.927187	13	35.59	2.41	3.09	5.30	515	82	1.06	8.67	0.77	126	0.59	1806	358	169	1.05	274	
HK20-002	492	493	1	V389539	Original		0.5	5.498336	45	0.017	3015	0.3	21.7	0.3	413	53.3	812	0.119	1.5	78	18.95	10.28	7.2	9.664971	12	23.21	3.87	3.31	4.58	212	85	1.27	11.26	0.39	25	0.59	488	140	266	0.73	70	
HK20-002				V389540	Control	MEG-BLANK.1	0.5	0.151157	4	0.01	904	0.1	21.0	0.07	4.14	1.7		0.001	0.5	1.4				0.171568			0.05	0.07	2.6	16	0.02	22.44	0.05	0.36	0.05	4.1		1	0.01	5.3		
HK20-002	493	494	1	V389541	Original		0.5	6.065175	51	0.017	3170	0.4	19.4	1.2	477	52.7	904	0.132	1.9	89	9.24	3.98	5.76	9.950917	13	15.86	5.75	1.5	6.02	235	44	0.46	14.01	0.49	26	0.35	423	172	235	1.05	3799	
HK20-002	494	495	1	V389542	Original		0.5	9.258367	35	0.017	2618	0.3	12.5	0.5	852	39.7	537	0.078	2.1	83	16.05	7.55	8.76	11.194782	12	24.72	6.3	2.69	4.70	496	49	0.73	11.99	0.44	148	2.25	491	247	173	1.12	46	
HK20-002	495	496	1	V389543	Original		0.5	7.727902	27	0.014	4423	0.5	16.9	0.6	840	42.1	356	0.052	2.2	96	19.51	10.13	9.98	12.295674	13	27.95	2.91	3.4	4.34	494	88	1.15	11.09	0.58	438	0.50	596	272	180	1.35	209	
HK20-002	496	497	1	V389544	Original		0.5	8.37032	38	0.021	6760	0.8	19.7	0.8	725	42.5	249	0.036	2	100	26.31	14.8	10.27	12.481539	13	31.01	4.1	4.82	4.94	420	90	1.83	9.07	0.61	218	0.35	554	234	165	2.27	153	
HK20-002	497	498	1	V389545	Original		0.5	9.806311	21	0.014	4637	0.5	16.0	0.6	700	46.7	266	0.039	3.2	104	13.97	6.99	7.35	11.480728	14	21.22	3.83	2.42	5.54	443	109	0.81	7.69	0.33	88	1.42	581	201	170	0.99	164	
HK20-002	498	499	1	V389546	Original		0.5	11.412354	18	0.011	3924	0.4	13.7	0.3	408	40.5	258	0.038	2.7	84	10.38	4.95	5.5	11.695187	16	15.96	3.8	1.7	5.90	220	95	0.51	7.84	0.30	110	1.78	205	132	156	1.15	87	
HK20-002	499	500	1	V389547	Original		0.5	11.336776	15	0.014	3397	0.4	13.9	0.3	454	40.5	259	0.038	2.9	102	9.91	4.32	5.82	11.15189	15	15.78	3.52	1.61	5.06	226	90	0.48	7.91	0.31	67	1.99	384	154	149	0.69	53	
HK20-002	500	501	1	V389548	Original		0.5	7.954638	41	0.02	5196	0.6	19.3	0.4	864	47.4	489	0.071	2.8	107	16.93	8.01	9.47	10.46562	13	26.97	4.49	2.82	5.66	516	54	0.76	10.76	0.33	97	0.75	454	255	175	1.63	59	
HK20-002	501	502	1	V389549	Original		0.5	4.893708	76	0.014	2188	0.2	20.3	0.2	549	57.3	1071	0.157	1.7	65	11.13	5.1	6.77	9.979512	11	18.37	1.97	1.8	4.82	273	41	0.6	14.28	0.28	23	0.27	312	186	293	1.37	47	
HK20-002				V389550	Control	OREAS 59d	2	5.876229	715	0.813	188	0.0	4.0	0.22	134	867		0.005	0.5	10000				21.445943			3.12	3.90	117	8	0.29	0.50	0.36	290	0.19	5.9		75	0.16	11		
HK20-002	502	503	1	V389551	Original		0.5	5.422758	46	0.014	3150	0.4	19.4	0.3	532	55	913	0.133	2.1	53	15.15	8.75	7.36	11.52362	11	20.33	1.37	2.81	4.22	303	61	1.1	14.46	0.49	42	0.34	236	179	293	1.28	31	
HK20-002	503	504	1	V389552	Original		0.5	6.386384	31	0.019	2760	0.3	17.1	0.1	309	63.3	882	0.129	3.2	89	12.51	6.77	5.96	11.83816	12	17.28	3.36	2.16	4.34	162	25	0.9	16.68	0.22	19	0.28	201	126	412	1.51	11	
HK20-002	504	505	1	V389553	Original		0.5	5.989597	26	0.014	2217	0.2	15.7	0.2	290	65.1	865	0.126	2.9	77	7.59	3.28	4.58	11.380647	11	13.31	1.82	1.21	3.98	153	35	0.38	16.77	0.25	69	0.36	173	116	396	1.12	11	
HK20-002	505	506	1	V389554	Original		0.5	5.366074	37	0.016	3311	0.4	20.3	0.3	655	51.7	815	0.119	2.4	94	15.88	7.56	9.02	10.651485	11	25.25	2.8	2.71	4.34	373	27	0.75	13.03	0.36	8	0.27	305	214	211	2.06	91	
HK20-002	506	507	1	V389555	Original		0.5	4.874814	34	0.017	3616	0.4	22.4	0.3	596	47.6	695	0.102	1.6	129	20.3	10.39	9.67	10.451323	10	27.74	3.02	3.51	4.10	338	40	1.29	12.32	0.36	9	0.30	385	207	197	2.29	60	
HK20-002	507	508	1	V389556	Original		0.5	10.240888	17	0.022	3000	0.3	13.6	0.3	399	41.6	250	0.037	2.7	90																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number	
HK20-002	478	479	1	V389523	51.97	67	19	27.597184	39.5	2	3041	0.359628	4.8	8.3	123	2.618814	0.25	3.86	6.32	530	21	299	23.2	146	92.8											0.008182	0.091268	5.861042	0.065578	139.9617	0.18309	
HK20-002	479	480	1	V389524	74.62	85	20	22.462824	37.9	2	3146	0.372046	5	5.81	148	2.702216	0.25	3.09	8.52	695	50	202	20.5	251	292											0.011842	0.125171	6.105252	0.047855	168.4092	0.229919	
HK20-002	480	481	1	V389525	58.31	103	22	29.7365	36.7	39	2116	0.250238	4.8	2.86	78.9	3.436151	0.7	0.94	2.26	440	23	72.1	6.5	220	222										0.02153	0.041199	5.861042	0.022072	89.78031	0.145033		
HK20-002	481	482	1	V389527	59.55	86	19	25.885731	32.6	2	2210	0.261354	5.4	3.26	52.4	3.419471	0.25	1.41	4.85	461	21	96.7	9.6	150	292										0.014856	0.067807	6.593672	0.026005	59.62596	0.157628		
HK20-002	482	483	0.75	V389528	40.15	73	18	37.865903	17.8	1	3524	0.416748	6.1	1.52	21	1.45119	2.3	0.42	4.4	183	17	33.1	3.1	110	197										0.018516	0.022745	7.448408	0.010517	23.8959	0.10414		
HK20-002	482.8	483	0.35	V389529	87.86	85	2.5	34.87086	40.1	1	1493	0.176562	14.5	3.2	72.5	0.750616	1	0.87	19.43	97	29	71.3	5.8	106	278										0.015287	0.045205	17.705231	0.02281	82.49775	0.229541		
HK20-002	483.1	484	0.9	V389530	39.81	105	23	34.87086	20.9	2	2757	0.326043	9.4	1.72	24.9	1.868199	0.5	0.44	6.81	204	7	34.6	3	123	313										0.013779	0.026894	11.477874	0.011659	28.33371	0.097244		
HK20-002	484	485	1	V389531	62.5	71	23	28.025047	33.6	2	2504	0.296123	7.7	3.3	58.5	2.785618	0.8	1.34	11.41	447	29	91.4	9.2	106	225										0.012272	0.046063	9.402088	0.025429	66.56715	0.170868		
HK20-002	485	486	1	V389532	47.06	143	22	29.7365	25	58	3058	0.361639	4.1	2.39	56.3	3.419471	1.2	0.79	1.82	527	20	59.4	5.6	237	191										0.012057	0.076533	5.006307	0.01722	64.06377	0.125949		
HK20-002	486	487	1	V389533	20.36	103	24	34.442997	12.2	2	2336	0.276255	4.4	1.19	18.2	2.768937	0.9	0.53	2.2	497	15	32.2	3.9	194	180										0.013134	0.070525	5.372622	0.009236	20.70978	0.05196		
HK20-002	487	488	1	V389534	43.45	109	25	30.164364	26.3	34	4513	0.533707	6.1	2.31	51	3.38611	1.3	0.76	2.93	665	13	56.1	5.6	347	177										0.013349	0.090695	7.448408	0.016855	58.0329	0.110289		
HK20-002	488	489	1	V389535	73.34	101	22	24.174277	34.1	2	4432	0.524128	7.6	3.49	80	2.251847	0.7	1.48	9.26	391	18	103	9.6	196	236										0.011842	0.04406	9.279983	0.027371	91.032	0.212836		
HK20-002	489	490	1	V389536	58.81	116	20	25.030004	33.8	2	3002	0.355016	5.8	3.52	72	3.252667	0.7	1	3.69	571	22	82.6	6.2	404	192										0.012918	0.11058	7.082092	0.023908	81.9288	0.154125		
HK20-002	490	491	1	V389537	58.89	92	21	28.238979	39.6	8	3599	0.425617	7.2	3.77	119	3.219306	0.8	1.03	4.85	552	17	80.8	7	281	254										0.011842	0.096131	8.791563	0.025289	135.4101	0.153372		
HK20-002	491	492	1	V389538	114	90	18	25.457867	46.8	10	2750	0.325215	7.1	3.84	171	3.819799	0.5	1.17	4.94	673	17	83.9	8	629	105										0.017655	0.258353	8.669458	0.026948	194.5809	0.27623		
HK20-002	492	493	1	V389539	39.33	92	17	24.388209	22.6	46	3284	0.388366	6.1	2.96	64.4	1.801477	0.7	1.43	5.94	436	19	94.3	9.6	140	241										0.018301	0.06981	7.448408	0.023576	73.28076	0.117404		
HK20-002				V389540		2	0.25			0.15	154	0.018212	0.025	0.025	0.6	0.01668	0.05		0.27	5	0.4	0.9	0.05	18	2.3	0.1	0.02	0.01	0.04	0.23	1	0.025	0.01									
HK20-002	493	494	1	V389541	48.32	131	21	24.174277	22.7	2	3192	0.377486	8.7	1.72	44.9	2.218486	0.8	0.52	5.97	401	17	39.1	3.7	3088	290										0.009473	0.060511	10.623139	0.012511	51.09171	0.12146		
HK20-002	494	495	1	V389542	77.54	109	14	31.661885	32.3	2	2717	0.321312	14.5	2.92	122	1.634674	0.6	0.96	15.44	254	18	70.1	5.8	194	367										0.01055	0.070239	17.705231	0.020714	138.8238	0.216224		
HK20-002	495	496	1	V389543	80.74	98	22	26.741457	35.3	2	2164	0.255914	5.4	3.31	67	2.635494	0.6	1.37	5.31	472	22	95.9	8.5	257	172										0.018947	0.085259	6.593672	0.026072	76.2393	0.223188		
HK20-002	496	497	1	V389544	69.16	99	21	26.313594	33.8	2	4621	0.546479	7.3	3.97	75.4	2.251847	0.8	2.04	11.69	522	22	137	13.9	313	274										0.019377	0.079251	8.913668	0.033826	85.79766	0.20293		
HK20-002	497	498	1	V389545	61.51	123	20	31.447954	25.7	2	4035	0.477179	6.8	2.48	43.4	2.168445	1.3	0.93	6.03	394	20	67.3	6.2	209	214										0.023468	0.083114	8.303143	0.018693	49.38486	0.182994		
HK20-002	498	499	1	V389546	38.99	125	18	38.079835	18.7	1	2854	0.337514	4.9	1.83	28.4	1.751436	1.2	0.61	3.96	276	9	47.9	4.2	182	188										0.020454	0.029326	5.983147	0.013496	32.31636	0.106834		
HK20-002	499	500	1	V389547	45.21	105	19	36.582313	20.4	7	2372	0.280513	6	1.79	70.4	1.834838	1.1	0.57	3.58	254	10	43.6	3.9	189	158										0.019377	0.054932	7.326303	0.012981	80.10816	0.115709		
HK20-002	500	501	1	V389548	78.81	130	23	27.811115	34.3	7	4909	0.580538	8.6	2.97	45	2.051682	1	0.95	6.5	323	12	77.9	6.2	155	222										0.011626	0.064946	10.501034	0.0225	51.2055	0.222838		
HK20-002	501	502	1	V389549	53.8	101	18	24.174277	25.3	2	3573	0.422543	9	1.97	37.8	2.018322	0.9	0.69	7.83	274	11	49.3	4.4	106	171										0.008827	0.044632	10.989454	0.015037	43.01262	0.139121		
HK20-002				V389550		79.4	7.4			9.9	225	0.026608	0.46	0.49	4.5	0.450369	0.35		49.43	80	119	16.5	1.8	28	113	0.5	11.99	0.3	3.52	9.1	3	1.94	0.27									
HK20-002	502	503	1	V389551	51.7	88	19	23.318551	26	1	3173	0.375239	7.7	2.45	63	2.068363	1.2	1.26	7.54	297	24	82.4	8.4	155	149										0.013134	0.03376	9.402088	0.021243	71.6877	0.145737		
HK20-002	503	504	1	V389552	34.45	107	25	29.950432	19.7	2	2577	0.304756	8.1	2.01	33.6	2.368609	1.1	1	8.79	309	9	63	7	99	224										0.005383	0.028754	9.890508	0.016669	38.23344	0.090357		
HK20-002	504	505	1	V389553	32.23	98	22	30.378295	16.7	1	2263	0.267622	7.6	1.4	21.3	1.868199	0.9	0.44	4.97	250	12	30.3	3.1	104	153										0.007536	0.024748	9.279983	0.009841	24.23727	0.078892		
HK20-002	505	506	1	V389554	62.23	109	22	25.030004	30.9	8	3898	0.460977	9.6	2.8	36.8	2.135084	0.7	0.98	9.64	324	13	75.8	6.5	121	228										0.005813	0.043631	11.722084	0.021421	41.87472	0.173805		
HK20-002	506	507	1	V389555	59	92	22	23.318551	31.6	11	4002	0.473276	8.5	3.39	56.6	1.93492	0.7	1.43	12.38	410	10	99.1	9.6	125	308										0.008612	0.055075	10.378929	0.02628	64.40514	0.166386		
HK20-002	507	508	1	V389556	36.55	89	20	36.796245	17.2	8	3493	0.413082	4.5	1.71	16.9	1.601313	0.5	0.6	3.26	293	7	45.6	4	130	161										0.024975	0.02389	5.494727	0.012681	19.23051	0.104113		
HK20-002	508	509	1	V389557	68.01	101	14	37.224108	30.7	2	4453	0.526611	4.3	2.68	26.6	1.351108	0.6	0.89	3.95	257	8	65.9	5.8	141	150																	

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	528	529	1	V389579	Original		0.5	7.803481	11	0.0025	3071	0.3	18.9	0.6	639	44.7	336	0.049	2.5	65	13.91	6	9.52	12.195593	12	26.24	4.2	2.42	4.94	347	53	0.57	9.12	0.36	18	0.78	509	231	144	1.74	50	
HK20-002	529	530	1	V389580	Original		0.5	9.333946	8	0.0025	3258	0.4	21.4	0.7	928	30.9	170	0.025	3.1	58	16.66	7.83	9.88	8.535485	12	28.72	3.18	3	4.58	528	105	0.76	6.60	0.41	25	1.19	404	279	103	1.24	51	
HK20-002	530	531	0.7	V389581	Original		0.5	6.235227	11	0.0025	4018	0.4	18.0	0.9	1170	47.6	427	0.062	5	58	24.8	11.98	12.92	12.58162	13	38.38	4.13	4.46	5.30	623	79	1.1	9.67	0.48	39	0.27	633	363	169	2.11	68	
HK20-002	530.7	531	0.65	V389582	Original		2	2.399618	17	0.005	2755	0.3	34.6	1	4193	42	219	0.032	3.2	66	80.79	35.19	45.46	10.980323	5	134	1.29	14.12	2.17	2021	30	1.99	4.91	0.38	11	0.30	1246	1376	157	10.17	27	
HK20-002	531.4	532	0.65	V389583	Original		0.5	7.387799	15	0.008	3838	0.4	15.3	0.6	965	52.5	669	0.098	5.7	86	17.75	8.14	10.27	13.997052	13	29.21	2.35	3.16	5.90	515	96	0.62	11.97	0.44	14	0.50	516	289	317	1.97	25	
HK20-002	532	533	1	V389584	Original		0.5	7.576745	15	0.006	3069	0.3	17.2	0.5	831	46.7	526	0.077	3.9	65	14.37	6.82	8.05	12.20989	12	23.1	4.07	2.58	5.18	465	68	0.6	10.89	0.39	32	0.71	199	236	246	1.35	37	
HK20-002				V389585	Control	OREAS 59a	2	9.59847	607	0.17	323	0.0	2.7	0.09	195	759		0.005	3	3333				21.445943			5.47		6.69	228	12	0.46	1.18	0.65	91.73	0.30	10.8		50	0.16	8.1	
HK20-002	533	534	1	V389586	Original		0.5	7.31222	12	0.012	3569	0.4	18.2	0.4	826	46.1	655	0.096	4.2	69	13.28	6.17	8.03	10.765863	12	22.43	4.29	2.33	5.54	478	49	0.57	11.36	0.38	8	0.46	182	233	212	1.60	58	
HK20-002	534	535	1	V389587	Original		0.5	7.06659	13	0.0025	3814	0.4	19.4	1.2	1550	55.2	211	0.031	8	94	30.07	13.48	17.3	13.396566	11	49.66	0.61	5.23	5.54	784	57	0.88	9.30	0.48	28	0.38	646	493	126	4.22	43	
HK20-002	535	536	1.15	V389588	Original		0.5	9.182789	31	0.005	4553	0.5	15.1	1.2	1577	52.1	271	0.040	7.3	86	24.29	11.29	14.03	13.453755	13	39.69	1.69	4.39	5.42	793	99	1.06	9.12	0.47	38	1.12	1019	450	162	2.84	54	
HK20-002	536.2	537	0.85	V389589	Original		0.5	9.88189	14	0.0025	3744	0.4	12.9	0.9	1383	38.7	370	0.054	7	60	19.9	9.13	11.82	13.310782	15	32.86	4.11	3.61	5.30	725	117	0.77	9.93	0.51	28	1.43	736	384	146	2.06	32	
HK20-002	537	538	1	V389590	Original		0.5	9.957468	14	0.0025	3758	0.4	13.7	0.6	1065	43	260	0.038	7.5	79	19.35	8.48	10.84	13.525241	14	32.39	3.3	3.41	4.46	537	72	0.6	9.00	0.42	15	1.68	321	327	184	2.20	26	
HK20-002	538	539	1	V389591	Original		0.5	8.899369	10	0.0025	3516	0.4	15.3	0.8	1244	42.6	400	0.058	7.8	77	23.09	10.65	12.79	14.311592	15	36.23	2.31	4.08	4.58	614	76	0.77	9.20	0.55	18	1.44	512	386	150	2.50	110	
HK20-002	539	540	1	V389592	Original		0.5	11.053357	7	0.0025	2678	0.3	13.2	0.6	801	38.1	199	0.029	6.1	79	14.4	6.46	8.05	12.939052	15	24.05	3.66	2.59	3.98	396	72	0.57	8.54	0.44	22	2.45	384	245	127	1.54	17	
HK20-002	540	541	1	V389593	Original		0.5	10.184204	17	0.0025	3203	0.4	13.9	0.8	1363	39	171	0.025	8.2	61	22.6	10.17	12.98	12.181295	14	36.92	2.74	3.99	4.94	697	89	0.78	9.20	0.47	33	1.70	421	400	133	2.57	31	
HK20-002	541	542	1	V389594	Original		0.5	8.918264	9	0.01	3109	0.3	20.1	1.1	1481	37.8	142	0.021	6.8	60	22.37	10.59	13.15	10.208269	11	36.98	1.75	4.05	4.22	764	80	0.82	7.16	0.42	22	1.36	515	424	82	2.25	35	
HK20-002	542	543	1	V389595	Original		0.5	11.582406	11	0.0025	2643	0.3	14.8	1.4	1813	53.7	97	0.014	4.5	77	24.44	11.16	14.94	12.281376	14	42.26	2.95	4.43	3.61	889	90	0.82	6.93	0.48	21	2.44	805	515	86	2.43	31	
HK20-002	543	544	1	V389596	Original		0.5	12.753873	6	0.0025	3259	0.4	11.6	0.9	1439	36.2	149	0.022	4.7	49	17.68	7.78	11.27	12.853268	14	30.36	4.13	3.1	4.22	708	58	0.65	8.34	0.57	10	2.37	792	399	88	1.51	26	
HK20-002	544	545	1	V389597	Original		0.5	11.128935	9	0.008	2638	0.3	13.3	0.8	1632	36.1	189	0.028	4.7	62	21.63	9.54	13.22	12.452944	14	37.31	4.9	3.82	3.61	812	55	0.7	7.81	0.54	11	2.24	684	455	102	1.88	20	
HK20-002	545	546	1	V389598	Original		0.5	9.655154	8	0.026	4750	0.5	10.6	1	1285	48.7	340	0.050	11.1	77	16.73	7.54	10.65	15.398187	14	28.65	3.18	2.96	5.90	663	103	0.56	10.68	0.53	20	1.16	527	361	195	1.54	23	
HK20-002	546	547	1	V389599	Original		0.5	11.336776	6	0.0025	2922	0.3	13.3	0.9	779	36.3	129	0.019	3.7	48	14.39	6.71	8.69	11.008917	15	23.97	3.29	2.57	3.85	395	39	0.84	6.27	0.57	21	2.48	467	244	62	1.15	30	
HK20-002	547	548	1	V389600	Original		0.5	10.505412	7	0.0025	3181	0.4	12.7	0.7	899	41.2	313	0.046	7.2	80	17.75	8.1	10.08	14.969268	15	30.11	4.52	3.17	3.85	455	56	0.66	8.99	0.53	12	1.99	439	282	135	1.79	50	
HK20-002	548	549	1	V389601	Original		0.5	11.317881	8	0.0025	1753	0.2	13.4	0.8	687	42.9	181	0.026	2.8	85	11.91	5.69	7.3	13.42516	15	20.2	4.76	2.11	3.37	378	68	0.62	8.46	0.41	9	1.94	378	203	115	1.17	23	
HK20-002	549	550	1	V389602	Original		0.5	8.823791	10	0.0025	4250	0.5	12.0	0.9	1237	53.6	329	0.048	7.2	75	24.09	11.3	13.34	16.927997	15	39.54	5.98	4.38	5.42	630	76	0.8	10.89	0.57	8	0.90	536	381	212	2.36	32	
HK20-002	550	551	1	V389603	Original		0.5	6.386384	7	0.0025	3454	0.4	24.5	0.9	1871	46.9	138	0.020	5.5	79	33.5	15.32	18.27	11.437836	11	55.85	1.29	6.01	3.49	943	51	1.09	7.51	0.44	10	0.97	435	567	130	3.21	29	
HK20-002	551	552	1	V389604	Original		0.5	10.108625	7	0.005	2480	0.3	13.3	0.6	886	46.9	266	0.039	4.2	93	15.04	6.83	8.81	13.682511	15	25.1	4.29	2.7	3.49	463	64	0.57	8.97	0.42	7	1.87	319	263	169	1.37	17	
HK20-002	552	553	1	V389605	Original		0.5	10.732148	11	0.0025	2572	0.3	16.0	0.4	496	47.3	251	0.037	3.5	100	12.16	5.9	6.04	12.309971	15	18.4	4.26	2.19	2.77	289	47	0.55	7.78	0.29	12	2.33	151	153	169	1.05	22	
HK20-002	553	554	1	V389606	Original		0.5	11.204514	7	0.0025	1544	0.2	14.0	0.6	863	45.5	195	0.029	3.3	98	15.51	7.52	8.44	12.89616	16	24.14	3.83	2.8	2.53	484	72	0.62	7.89	0.40	9	2.35	222	245	167	0.94	17	
HK20-002	554	555	1	V389607	Original		0.5	7.803481	14	0.0025	3615	0.4	15.4	0.8	1783	54.2	386	0.056	7.7	102	33.76	14.89	19.38	15.38389	14	57.35	1.99	6.02	4.34	910	65	0.97	9.37	0.58	14	1.05	348	571	242	3.55	43	
HK20-002	555	556	1	V389608	Original		0.5	9.522892	6	0.0025	4361	0.5	11.6	0.6	1393	47.8	412	0.060	9.1	90	19.51	8.41	11.99	14.840592	16	33.81	5.53	3.43	4.94	731	74	0.56	10.30	0.54	11	1.52	478	394	171	1.42	31	
HK20-002	556	557	1	V389609	Original		0.5	9.579576	7	0.006	5209	0.6	11.2	0.7	1334	50.4	336	0.049	9.8	89	19.43	8.42	11.46	15.240917	17	33.35	4.46	3.4	5.42	697	102	0.55	10.71	0.54	12	1.28	427	383	217	1.60	27	
HK20-002				V389610	Control	OREAS 59d	3	5.989597	762	0.771	264	0.0	3.9	0.22	113	860		0.005	0.5	10000				21.445943			3.23		3.90	89	8	0.31	0.51	0.36	275	0.18	6.6		73	0.16	11.6	
HK20-002	557	558	1.35	V389611	Original		0.5	6.613119	7	0.005	2995	0.3	16.8	0.9	1586	46.4	698	0.102																								

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	47	48	1	V389633	Original		0.5	6.008491	26	0.0025	1125	0.1	18.3	0.52	574	44.9		0.016	3	96.1				11.294863			3.23	3.94	380	56	1.5	7.89	0.48	159	0.50	181	99	1.28	32			
HK20-002	48	49	1	V389634	Original		0.5	3.589979	16	0.0025	2504	0.3	21.0	2.27	1000	32.1		0.007	2	49.4				8.964404			1.17	2.23	637	32	2.93	5.29	0.66	57.24	0.46	46.6	51	2.50	368			
HK20-002	49	49.3	0.3	V389635	Original		0.5	6.216332	15	0.007	2650	0.3	17.0	0.68	1000	60.2		0.011	2	97.2				13.568133			3.27	3.35	679	71	1.23	8.39	0.38	371	0.53	114	81	1.56	27.1			
HK20-002	49.3	49.5	0.2	V389636	Original		0.5	2.909772	20	0.0025	3031	0.3	21.0	1.78	1000	30.6		0.008	0.5	50.2				7.248729			2	1.79	774	26	1.54	5.19	0.68	118	0.13	109	61	0.71	96.6			
HK20-002	49.5	51	1.5	V389637	Original		0.5	6.140754	12	0.0025	2974	0.3	17.3	3.92	703	50.1		0.032	2	74.7				10.537106			2.87	3.13	400	32	0.87	10.65	0.43	28.31	0.67	32.5	188	1.01	153			
HK20-002	51	52	1	V389638	Original		0.5	5.573915	9	0.0025	1932	0.2	20.8	0.89	709	40.7		0.012	2	115				9.979512			1.35	3.24	447	52	1.1	7.23	0.41	22.89	0.63	92.5	85	1.65	81.3			
HK20-002	52	53	1	V389639	Original		0.5	10.108625	8	0.0025	2458	0.3	13.4	0.3	293	47.7		0.018	3	46.6				13.539538			5.4	3.43	178	71	0.56	8.24	0.33	36.21	1.68	59.3	73	1.28	22.6			
HK20-002	53	54	1	V389640	Original		0.5	9.503997	11	0.008	3895	0.4	12.9	0.16	472	47.9		0.014	3	112				13.224998			4.8	4.59	305	101	0.77	8.66	0.35	41.35	1.13	140	85	1.35	25.6			
HK20-002	54	55	1	V389641	Original		0.5	7.84127	14	0.0025	3070	0.3	15.0	0.57	443	49.5		0.017	3	128				13.42516			4.46	4.34	261	83	0.74	8.59	0.39	34.79	0.96	286	101	1.15	56.8			
HK20-002	55	56	1	V389642	Original		0.5	7.293326	17	0.0025	2620	0.3	17.7	1	583	41.7		0.016	3	73.5				11.866755			4.15	3.89	350	56	0.79	7.66	0.38	88.26	0.90	157	82	1.54	119			
HK20-002	56	57	1	V389643	Original		0.5	7.59564	13	0.0025	3612	0.4	15.5	0.37	546	49.6		0.019	3	88				12.953349			4.07	4.32	341	59	0.93	8.92	0.34	96.88	0.88	69.3	97	1.37	40.3			
HK20-002	57	58	1	V389644	Original		0.5	10.448728	24	0.0025	1349	0.2	13.5	0.69	375	45.8		0.013	4	108				11.466431			4.26	3.52	223	80	0.68	7.51	0.26	81.32	1.95	260	131	1.47	63.8			
HK20-002	58	59	1	V389645	Original		0.5	6.764276	10	0.0025	2221	0.2	19.4	0.48	382	42.9		0.025	2	131				11.15189			3.04	3.72	212	27	0.57	8.90	0.29	29.03	0.92	52.7	140	1.97	36.7			
HK20-002	59	60	1	V389646	Original		0.5	5.177128	13	0.007	2140	0.2	20.1	0.46	385	47.2		0.032	2	77.2				11.30916			2.24	3.90	206	12	0.7	10.73	0.30	10.05	0.49	54.5	167	2.70	24.8			
HK20-002	60	61	1	V389647	Original		0.5	7.142169	10	0.0025	2053	0.2	15.2	0.53	317	57.2		0.025	3	92.4				13.367971			4.78	4.07	177	41	0.68	10.35	0.29	39.47	0.85	62	146	1.56	19.1			
HK20-002	61	62	1	V389648	Original		0.5	8.275846	19	0.0025	1306	0.1	12.5	0.06	375	49.1		0.019	2	129				12.195593			5.29	2.47	230	49	0.63	6.52	0.40	55.23	0.57	100	117	1.17	19.9			
HK20-002	62	63	1	V389649	Original		0.5	7.501167	28	0.0025	2765	0.3	16.4	0.89	590	54.7		0.020	3	93.2				10.680079			4.74	4.16	387	48	0.93	8.57	0.48	91.06	0.44	233	154	1.17	72.2			
HK20-002				V389650	Control	OREAS 59a	2	9.522892	608	0.18	603	0.1	2.7	0.09	187	766		0.005	0.5	3289				21.445943			5.4	6.66	227	12	0.47	1.18	0.65	89.62	0.30	11.1	51	0.16	8.3			
HK20-002	63	64	1	V389651	Original		0.5	9.560681	21	0.005	3120	0.3	15.9	0.22	528	41.8		0.017	4	93.1				10.394134			3.81	3.57	335	80	0.64	7.06	0.28	69.12	1.36	90.3	77	1.21	20.5			
HK20-002	64	65	1	V389652	Original		0.5	9.277262	33	0.0025	2538	0.3	15.8	6.08	624	55.2		0.023	5	74.2				9.722161			3.49	4.10	458	81	0.57	7.93	0.30	121	1.36	179	166	0.89	333			
HK20-002	65	66	1	V389653	Original		0.5	9.409524	22	0.007	2981	0.3	14.2	0.31	707	47.5		0.022	4	93.6				11.209079			4.18	4.23	543	81	0.79	8.08	0.36	65.09	1.00	270	122	1.03	137			
HK20-002	66	67	1	V389654	Original		0.5	10.221993	21	0.0025	3654	0.4	13.5	0.29	486	59		0.022	8	200				11.637998			4.22	4.90	323	80	0.62	8.66	0.30	156	1.27	126	148	1.12	28.5			
HK20-002	67	68	1	V389655	Original		0.5	10.37315	34	0.0025	4178	0.5	16.0	0.94	703	38.4		0.019	5	74.9				10.594296			3.34	3.81	519	82	0.66	6.30	0.29	305	1.78	48.7	76	0.89	133			
HK20-002	68	69	1	V389656	Original		0.5	11.355671	36	0.007	1126	0.1	14.3	0.84	242	50		0.022	6	91.6				11.166187			3.79	3.57	148	74	0.44	6.73	0.22	86.09	2.14	196	106	0.96	158			
HK20-002	69	70	1	V389657	Original		0.5	9.806311	35	0.0025	2587	0.3	14.3	1.24	406	48.6		0.032	5	79.9				10.036701			4.13	4.85	259	86	0.49	10.33	0.24	40.93	1.15	244	240	1.12	66.8			
HK20-002	70	71	1	V389658	Original		0.5	6.707592	37	0.0025	2099	0.2	12.3	1.8	821	42		0.021	3	64.7				8.850026			3.48	3.52	594	76	0.91	7.01	0.36	60.93	0.75	289	141	0.94	197			
HK20-002	71	72	1	V389659	Original		0.5	11.204514	12	0.0025	3616	0.4	12.8	0.15	293	46.8		0.023	5	90.9				12.152701			5.55	3.54	194	98	0.42	8.64	0.22	23.23	1.68	95.4	118	0.96	12.7			
HK20-002	72	73	1	V389660	Original		0.5	6.839855	17	0.0025	2662	0.3	20.4	0.95	912	34.8		0.010	4	71.4				10.336944			3.08	3.32	576	62	1.34	6.37	0.44	38	0.84	103	76	1.24	68.2			
HK20-002	73	74	1	V389661	Original		0.5	7.255537	46	0.005	3235	0.4	17.2	5.11	968	42.3		0.027	5	57.2				8.692755			4.23	5.78	632	71	0.64	11.62	0.27	61.78	0.22	64.6	169	1.54	256			
HK20-002	74	75	1	V389662	Original		0.01	8.351425	20	0.011	2843	0.3	14.1	0.46	590	37.5		0.018	3	73.6				10.694377			3.67	4.35	376	65	1.19	9.19	0.43	211	1.01	347	87	1.26	54.8			
HK20-002	75	76	1	V389663	Original		0.03	6.783171	21	0.015	1267	0.1	18.6	1.04	679	49.7		0.023	4	64.6				13.510944			3.6	4.19	465	58	0.93	9.10	0.61	28.78	0.58	166	144	1.19	44.7			
HK20-002	76	77	1	V389664	Original		0.01	8.57816	20	0.013	3549	0.4	17.1	0.38	683	49.7		0.013	3	66.8				13.939863			4.34	3.83	414	58	1.13	8.51	0.49	155	1.21	180	103	1.49	31.1			
HK20-002				V389665	Control	MEG-BLANK.1	0.03	0.680207	0.5	0.0025	407	0.0	21.0	0.09	3.56	1.5		0.001	0.5	0.9				0.171568			0.15	0.29	2.3	12	0.02	21.23	0.05	0.37	0.19	1.4	1	0.01	3.4			
HK20-002	77	78	1	V389666	Original		0.01	5.498336	23	0.006	1677	0.2	21.0	1.78	702	46.3		0.017	3	90.2				11.323458			4.24	3.61	435	45	1.14	8.18	0.62	35.19	0.51	186	140	1.28	39.5			
HK20-002	78	79	1	V389667	Original		0.01	8.918264	17	0.012	3221	0.4	16.0	0.17	398	32.2		0.025	6	45				12.953349			4.51	4.01	241	82	0.85	10.20	0.29	8.72	0.50	163	126	1.21	7.8			
HK20-002	79	79.5	0.5	V389668	Original		0.01	4.610289	12	0.008	2790	0.3	21.0	0.49	866	5.8		0.013	2	22				9.722161			2.3	0.99	539	29	0.67	2.11	0.16	4.74	0.07	118	26	0.82	19.1			
HK20-002	79.5	81	1.5	V389669	Original		0.01	11.487933	16	0.006	2968	0.3	14.2	0.53	255	41.9		0.028	5	94.8				12.																		

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	47	48	1	V389633		115	26.5			2.2	5776	0.683069	1.67	5.72	122	2.085043	1.13			3.33	439	19.1	127	9.4	144	139	4.8	1.07	0.1	1.67	0.46	4	0.42	1.25	0.012057	0.025893	2.039154		138.8238		
HK20-002	48	49	1	V389634		48.5	17.3			0.7	10000	1.182599	0.39	8.65	133	1.017501	0.58			7.34	272	4.3	245	19.2	430	50.9	3.1	0.86	0.09	1.54	0.55	5	0.58	0.61	0.00689	0.006666	0.47621		151.3407		
HK20-002	49	49.3	0.3	V389635		101	28.6			1.6	4946	0.584914	1.07	4.93	41.5	2.568773	0.95			1.97	508	9.9	122	8.3	162	125	4	1.08	0.1	1.01	0.4	3	0.23	1.54	0.015287	0.016308	1.306524		47.22285		
HK20-002	49.3	49.5	0.2	V389636		41.7	14.1			1	8451	0.999415	1.29	5.76	76.3	1.117583	0.59			3.69	190	19.4	121	9.8	246	71.1	3.3	1.25	0.06	1.24	0.5	3	0.37	0.67	0.005598	0.015593	1.575155		86.82177		
HK20-002	49.5	51	1.5	V389637		87.4	23.9			1.3	7421	0.877607	1.19	3.97	44.5	1.751436	0.58			2.41	275	1.8	82.9	5.6	735	139	4.1	0.26	0.09	0.64	0.18	2	0.14	1.05	0.00689	0.004649	1.45305		50.63655		
HK20-002	51	52	1	V389638		81.7	18.7			0.7	6639	0.785128	0.65	4.63	91.7	0.98414	0.59			38.45	373	3.8	104	7.3	305	87.1	4.3	0.38	0.11	1.57	0.5	3	0.24	0.59	0.011196	0.013232	0.793683		104.34543		
HK20-002	52	53	1	V389639		70.4	24.1			1.7	2632	0.31126	1.67	2.19	27.4	2.768937	0.6			1.76	337	4.6	51	3.6	160	219	3	0.25	0.1	0.92	0.53	2	0.12	1.66	0.015287	0.008483	2.039154		31.17846		
HK20-002	53	54	1	V389640		118	23.4			1.7	3039	0.359392	1.1	3.41	46.1	2.768937	0.73			1.44	404	8.1	77.1	5.1	159	176	6.5	0.35	0.12	0.99	0.49	3	0.16	1.66	0.021746	0.020027	1.343155		52.45719		
HK20-002	54	55	1	V389641		112	24.7			2.5	2984	0.352888	3.95	3.04	58.6	2.752257	0.77			2.59	440	8.9	67.7	5	237	178	7.1	0.42	0.13	0.83	0.55	3	0.19	1.65	0.01787	0.040913	4.823149		66.68094		
HK20-002	55	56	1	V389642		85	20.6			1.9	4235	0.500831	2.73	3.53	53.3	2.43533	0.59			4.58	397	8.3	76.3	5.3	368	183	5.1	0.54	0.11	1.78	0.72	3	0.49	1.46	0.012057	0.022459	3.333468		60.65007		
HK20-002	56	57	1	V389643		81.6	24.7			0.9	3135	0.370745	0.71	5.66	91.9	2.118404	0.61			3.98	378	5.4	113	6.4	185	179	5.5	0.81	0.12	1.32	0.62	4	0.42	1.27	0.012703	0.009914	0.866946		104.57301		
HK20-002	57	58	1	V389644		90.7	21.2			1.9	3039	0.359392	6.08	2.6	58.1	2.018322	0.95			6.01	268	25.4	61.1	4.6	257	196	4.5	0.34	0.09	1.72	1.07	2	0.36	1.21	0.017224	0.037194	7.423987		66.11199		
HK20-002	58	59	1	V389645		93.6	18.4			0.7	3012	0.356199	1.67	2.72	28.9	1.851518	0.52			3.44	264	2.7	61.4	3.8	173	259	3.9	0.17	0.1	0.69	0.37	2	0.17	1.11	0.005813	0.007539	2.039154		32.88531		
HK20-002	59	60	1	V389646		95.1	20.3			0.9	2892	0.342008	2.23	2.89	24.2	1.701395	0.34			4.31	256	1.2	70.7	4.7	165	313	4.6	0.13	0.08	0.29	0.21	2	0.19	1.02	0.002584	0.007796	2.722942		27.53718		
HK20-002	60	61	1	V389647		87.2	29			1	2029	0.239949	1.58	2.94	32.6	2.802298	0.62			2.52	376	4.1	69.6	4.5	198	253	5.6	0.29	0.11	0.78	0.54	3	0.2	1.68	0.008827	0.008869	1.92926		37.09554		
HK20-002	61	62	1	V389648		57	27.3			1.4	1312	0.155157	1.7	2.99	40.5	2.735577	0.79			2.13	375	40.9	71.2	4.4	38	196	8.7	0.56	0.1	1.1	1.64	3	0.22	1.64	0.01055	0.014305	2.075786		46.08495		
HK20-002	62	63	1	V389649		98.3	24.1			1.9	5309	0.627842	5.16	4.73	116	2.318568	0.93			3.62	290	21.8	101	6.5	235	170	7.4	0.51	0.12	1.37	1.15	4	0.39	1.39	0.010335	0.033331	6.30062		131.9964		
HK20-002				V389650		161	14.8			10.4	94.8	0.011211	0.81	0.93	11.9	0.783976	0.52			20.22	93	145	29.3	3	27	190	0.8	12.34	0.22	2.79	8.58	1	1.97	0.47							
HK20-002	63	64	1	V389651		115	22.6			0.9	3166	0.374411	1.65	2.83	26.2	1.801477	1.01			5.25	290	20.9	71.2	4.5	94	175	6.4	0.44	0.07	0.79	1.09	3	0.23	1.08	0.017224	0.012918	2.014733		29.81298		
HK20-002	64	65	1	V389652		119	20.1			1.5	2915	0.344728	5.98	2.54	31.7	1.634674	1.55			14.75	215	17.2	68.7	4.1	1423	164	4.9	0.79	0.08	0.98	1.53	2	0.35	0.98	0.01744	0.025606	7.301882		36.07143		
HK20-002	65	66	1	V389653		112	26.7			2.2	3484	0.412018	5.64	3.32	57.1	2.268527	1.06			6.27	332	34.8	77.7	5.3	137	172	5.8	0.6	0.11	1.11	1.26	3	0.32	1.36	0.01744	0.038624	6.886724		64.97409		
HK20-002	66	67	1	V389654		138	28.6			2.1	3109	0.36767	2.67	2.47	35.9	2.43533	1.12			4.24	375	12.3	60.2	4.2	134	191	16.8	0.4	0.1	0.99	0.71	2	0.22	1.46	0.017224	0.018025	3.260205		40.85061		
HK20-002	67	68	1	V389655		124	21			1.7	3623	0.428456	1.8	2.76	25.4	1.768117	1.35			38.29	241	12.5	73.5	4.7	200	167	5.6	0.7	0.08	1.11	0.91	2	0.23	1.06	0.017655	0.006967	2.197891		28.90266		
HK20-002	68	69	1	V389656		115	20.2			1.7	2589	0.306175	7.23	1.67	15	1.834838	1.51			49.35	246	24	48.4	3	206	172	3.8	0.31	0.07	1.71	1.3	1	0.27	1.1	0.015932	0.028038	8.828195		17.0685		
HK20-002	69	70	1	V389657		119	24.3			1.5	3227	0.381625	7.41	2.03	26.2	1.818158	1.29			7.49	237	12.1	50.4	3.4	309	190	5.4	0.53	0.07	1.25	0.8	1	0.35	1.09	0.018516	0.034905	9.047984		29.81298		
HK20-002	70	71	1	V389658		106	22.7			1.9	5305	0.627369	5.22	3.72	82.1	1.501231	1.11			37.51	344	13.1	86.8	6	327	146	7.8	5.26	0.12	1.17	0.92	3	1.1	0.9	0.016363	0.041342	6.373883		93.42159		
HK20-002	71	72	1	V389659		109	24.9			2	3101	0.366724	3.02	1.72	21.7	2.385289	0.71			3.05	275	11.1	38.6	2.7	112	227	3.9	0.27	0.09	0.69	0.59	1	0.14	1.43	0.0211	0.013647	3.687572		24.69243		
HK20-002	72	73	1	V389660		86.9	19.1			1.9	9103	1.07652	1.81	5.73	136	1.884879	0.51			4.09	299	5.7	123	9	201	149	3.7	2.94	0.1	1.01	0.34	4	0.39	1.13	0.013349	0.014734	2.210101		154.7544		
HK20-002	73	74	1	V389661		137	22.8			1	7463	0.882574	1.34	3.7	32.7	1.501231	0.73			5.45	188	6.1	85.2	4.9	865	243	3.5	3.01	0.07	0.97	0.51	3	0.57	0.9	0.015287	0.009241	1.636208		37.20933		
HK20-002	74	75	1	V389662		77.2	21.8			2.3	0.25	2.957E-05	1.92	7.74	101	2.201805	0.75			3.1	418	9.5	155	8.7	128	162	5	1	0.15	1.52	0.81	6	0.59	1.32	0.013995	0.049639	2.344417		114.9279		
HK20-002	75	76	1	V389663		83.3	21.5			1.9	5056	0.597922	2	3.81	76	2.468691	0.78			2.33	353	5.3	79.8	6.2	264	153	5.8	0.59	0.12	1.69	0.46	3	0.2	1.48	0.012488	0.023747	2.442101		86.4804		
HK20-002	76	77	1	V389664		76.6	24.4			2	3502	0.414146	2.34	4.95	86.6	2.768937	0.94			3.49	438	9.8	107	7.7	161	167	5.1	0.43	0.11	1.64	0.97	4	0.26	1.66	0.012488	0.025749	2.857258		98.54214		
HK20-002				V389665		5.8	0.25			0.15	151	0.017857	0.025	0.025	0.9	0.01668	0.13			0.45	4	0.3	1.2	0.1	21	4.5	0.1	0.02	0.01	0.03	0.18	1	0.025	0.01							
HK20-002	77	78	1	V389666		73.8	21.6			1.5	9005	1.064931	4.23	4.32	107	2.318568	0.69			3.37	276	6.7	90.4	7.6	354	156	4.6	0.68	0.1	1.69	0.57	4	0.35	1.39	0.009689	0.026608	5.165043		121.7553		
HK20-002	78	79	1	V389667		144	30.7			2.3	2																														

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	97	98	1	V389688	Original		0.01	10.316466	15	0.009	814	0.1	18.6	0.66	1000	40.4		0.016	4	69.1				11.952539			4.4	3.40	803	120	0.99	5.99	0.51	43.86	1.28	460	119	0.80	126			
HK20-002	98	99	1	V389689	Original		0.01	8.899369	11	0.012	2635	0.3	19.6	0.74	1000	27.8		0.013	3	33.1				10.708674			4.27	3.85	961	81	0.93	7.18	0.50	20.04	1.08	319	110	0.71	143			
HK20-002	99	100	1	V389690	Original		0.01	8.729317	10	0.007	3832	0.4	14.0	0.2	701	54.4		0.021	3	66.9				16.499079			6	4.52	396	34	0.59	10.31	0.40	12.5	0.86	224	137	0.55	13.4			
HK20-002	100	101	1	V389691	Original		0.01	9.711838	9	0.033	3041	0.3	15.5	0.44	502	46.3		0.010	4	53.1				13.982755			4.21	3.45	282	41	0.86	8.01	0.35	42.57	1.50	272	80	1.19	22.7			
HK20-002	101	102	1	V389692	Original		0.01	10.467623	15	0.0025	1934	0.2	13.8	0.34	142	52		0.039	5	80.9				12.638809			4.06	4.20	69.2	57	0.29	11.57	0.18	74.09	1.12	74.5	260	0.82	16			
HK20-002	102	103	1	V389693	Original		0.01	7.652324	10	0.012	2646	0.3	18.4	0.4	353	49.8		0.045	3	52.3				9.807944			3.33	5.01	182	23	0.39	11.81	0.23	7.81	0.50	225	253	1.44	23.7			
HK20-002	103	104	1	V389694	Original		0.01	8.162479	12	0.0025	1935	0.2	17.3	0.47	825	51		0.027	3	72.1				13.63962			6.26	4.71	461	47	1.01	9.60	0.43	41.64	0.71	465	127	0.85	33.7			
HK20-002	104	105	1.4	V389695	Original		0.01	8.143584	15	0.015	777	0.1	19.1	1.35	714	57.3		0.009	3	114				12.553025			4.19	3.42	396	52	0.93	7.43	0.40	56.08	0.85	116	97	1.35	55.7			
HK20-002	105.4	107	1.1	V389696	Original		0.01	5.120444	22	0.012	2377	0.3	19.3	0.05	566	34.3		0.011	2	52.7				10.908836			3.22	0.82	315	37	0.63	7.86	0.85	35.9	0.13	249	69	0.96	14.3			
HK20-002	106.5	107	0.5	V389697	Original		0.01	4.024555	13	0.006	711	0.1	20.3	0.05	422	24.2		0.007	0.5	32.6				12.352863			3.12	0.57	223	28	0.4	9.20	0.80	25.74	0.12	206	59	0.73	10.9			
HK20-002	107	108	1	V389698	Original		0.01	9.655154	10	0.009	2305	0.3	13.8	0.05	557	61.7		0.031	3	32.3				13.42516			6.14	4.24	305	44	0.56	9.88	0.34	16.44	0.66	223	147	0.53	18.3			
HK20-002	108	109	1	V389699	Original		0.12	9.409524	14	0.006	2818	0.3	13.5	0.1	463	51.3		0.043	4	74.5				10.179674			3.18	3.47	277	53	0.42	10.88	0.25	22.93	1.08	61.2	154	0.94	18			
HK20-002	109	110	1	V389700	Original		0.06	9.59847	12	0.008	2580	0.3	13.3	0.15	473	54.2		0.021	4	108				13.182106			4.07	3.69	293	76	0.6	9.24	0.31	57.05	1.19	43.4	107	0.89	22.3			
HK20-002	110	111	1	V389701	Original		0.01	8.389214	16	0.009	2944	0.3	14.4	0.17	401	53		0.042	3	94.5				10.537106			4.61	3.67	224	44	0.45	12.24	0.26	18.35	0.81	241	201	0.89	11			
HK20-002	111	112	1	V389702	Original		0.01	6.783171	10	0.008	1667	0.2	19.4	2.55	706	44.6		0.020	3	102				10.365539			2.86	3.90	397	41	1.32	8.66	0.39	46.28	0.71	113	98	1.37	22.4			
HK20-002	112	113	1	V389703	Original		0.01	7.784586	14	0.01	2775	0.3	17.0	1.81	514	43.7		0.031	3	63.7				10.265458			4.9	4.90	297	44	0.52	10.12	0.33	45.5	0.65	225	92	1.10	21.2			
HK20-002	113	114	1	V389704	Original		0.01	9.258367	13	0.011	3565	0.4	18.7	0.3	663	27.3		0.002	4	38.9				10.722971			5.03	2.77	351	69	0.64	6.93	0.33	59.6	1.32	126	23	0.99	16.7			
HK20-002	114	115	1	V389705	Original		0.07	5.725072	15	0.012	2727	0.3	20.8	0.39	789	44.6		0.026	2	87.6				10.637188			0.74	2.19	410	27	0.85	8.41	0.35	32.46	0.69	13.3	73	3.44	19.5			
HK20-002	115	116	1	V389706	Original		0.01	7.633429	9	0.013	2104	0.2	13.1	0.56	341	63.1		0.051	2	87				13.082025			6.45	4.53	194	25	0.42	12.57	0.28	14.43	0.81	91.8	193	1.12	14.5			
HK20-002	116	117	1	V389707	Original		0.07	7.633429	7	0.011	2055	0.2	14.8	0.53	507	51.6		0.042	2	65.2				12.567322			4.35	4.05	287	38	0.55	10.80	0.30	37.8	0.81	41.6	139	0.69	23.8			
HK20-002	117	118	1	V389708	Original		0.16	6.499752	19	0.012	2177	0.2	12.6	0.28	556	39.3		0.030	2	70.2				9.722161			4.86	4.31	324	38	0.61	8.51	0.32	36.41	0.70	136	117	1.01	17.8			
HK20-002	118	119	1	V389709	Original		0.06	8.710423	9	0.01	2536	0.3	14.1	0.13	403	47.5		0.019	3	128				11.609404			6.97	3.64	228	59	0.64	10.50	0.33	58.75	0.89	90.7	110	0.80	18.6			
HK20-002	119	120	1	V389710	Original		0.01	7.803481	13	0.014	1259	0.1	14.2	0.47	464	53.6		0.034	2	82.3				11.995431			4.62	5.08	257	38	0.54	10.86	0.30	58.14	0.59	113	132	1.12	21.2			
HK20-002	120	121	1	V389711	Original		0.04	9.220578	10	0.015	2197	0.2	12.2	1.08	186	59		0.040	3	80.1				11.823863			4.32	3.65	99.3	47	0.35	12.72	0.20	24.15	0.81	50.3	199	0.85	22.7			
HK20-002	121	122	1	V389712	Original		0.04	8.597055	13	0.008	1661	0.2	13.6	0.25	592	46		0.021	3	64.5				13.26789			5.2	4.60	334	63	0.87	9.87	0.36	87.08	0.51	96.7	100	1.12	29.4			
HK20-002	122	123	1	V389713	Original		0.06	7.406694	14	0.01	1297	0.1	15.6	0.63	626	47		0.024	3	66.7				12.881863			3.42	4.46	382	52	0.94	10.58	0.59	39.93	0.58	78.5	98	1.33	59.7			
HK20-002	123	124	1	V389714	Original		0.01	7.10438	10	0.011	3775	0.4	20.9	2.03	595	37.1		0.009	3	72.4				10.522809			3.83	3.07	348	49	0.84	7.48	0.45	54	0.82	90.1	57	1.05	37.1			
HK20-002	124	125	1	V389716	Original		0.01	5.876229	18	0.013	2712	0.3	21.0	0.6	582	30.3		0.010	2	37.6				8.935809			1.64	2.73	315	37	1.33	8.19	0.33	38.9	0.80	155	55	2.36	41			
HK20-002	125	126	1	V389717	Original		0.06	8.105795	12	0.013	1716	0.2	15.2	0.1	276	56.3		0.034	4	88.2				10.494215			4.38	4.30	140	30	0.39	13.08	0.22	21.75	0.30	46.2	216	1.24	11.7			
HK20-002	126	127	1	V389718	Original		0.01	4.364659	15	0.01	3214	0.4	21.0	0.86	767	30.7		0.013	1	62				8.292431			1.04	2.76	415	29	1.75	9.29	0.42	20.77	0.28	144	95	2.52	56.5			
HK20-002	127	128	1	V389719	Original		0.01	7.538956	12	0.021	3953	0.4	19.1	0.56	426	42.3		0.029	3	60.8				9.321836			1.88	3.69	225	60	0.66	9.68	0.29	35.72	0.63	217	138	1.72	15			
HK20-002	128	129	1	V389720	Original		0.01	5.007076	21	0.014	3529	0.4	21.0	1.38	788	36.7		0.015	2	42.7				8.120864			0.9	3.19	409	53	1.38	10.07	0.42	55.01	0.22	108	105	2.36	127			
HK20-002	129	130	1	V389721	Original		0.01	7.463377	17	0.01	3515	0.4	18.0	0.66	592	49.6		0.019	3	95.4				10.83735			3.82	4.48	350	66	1.02	9.77	0.40	155	0.40	149	117	1.05	43.6			
HK20-002	130	131	1	V389722	Original		0.02	9.031631	14	0.013	1011	0.1	12.6	0.3	576	53.2		0.019	3	108				13.711106			4.51	5.22	334	80	0.87	9.72	0.44	115	0.69	124	90	1.31	24.9			
HK20-002	131	132	1	V389723	Original		0.01	9.35284	12	0.01	1329	0.1	12.7	0.36	355	54.4		0.013	4	71.2				14.869187			4.16	4.61	210	56	0.73	8.14	0.40	142	1.24	162	71	1.47	61			
HK20-002	132	133	1	V389724	Original		0.01	10.108625	23	0.015	3544	0.4	13.7	0.17	421	42.9		0.019	3	71.7				12.152701			5.02	4.29	234	77	0.7	8.39	0.33	100	1.31	173	92	1.33	15.1			
HK20-002	133	134	1	V389725	Original		0.01	7.406694	17	0.007	3553	0.4	16.7	0.																												

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	97	98	1	V389688		96.4	14.8			2.2	7341	0.868146	7.02	4.3	48.5	2.351929	1		5.38	288	18	120	7.6	228	201	7.6	0.69	0.07	1.56	1.33	4	0.61	1.41	0.025836	0.065804	8.571774		55.18815			
HK20-002	98	99	1	V389689		100	14.2			1.9	10000	1.182599	6.88	5.02	55.9	1.818158	0.65		4.63	212	6.3	119	7.3	216	194	5.9	0.63	0.06	0.74	1.11	4	0.45	1.09	0.01744	0.045634	8.400827		63.60861			
HK20-002	99	100	1	V389690		101	28.2			2.3	2506	0.296359	4.06	3.55	80.2	3.519553	0.49		2.41	368	5.9	62.7	4	185	250	4	0.2	0.12	1.04	0.41	3	0.13	2.11	0.00732	0.032044	4.957465		91.25958			
HK20-002	100	101	1	V389691		84.4	21.8			1.2	2240	0.264902	1.66	4.15	69.3	2.818978	0.61		2.31	367	7.7	99.9	6.2	160	175	4.7	0.27	0.11	1.48	0.78	4	0.16	1.69	0.008827	0.03891	2.026944		78.85647			
HK20-002	101	102	1	V389692		108	25.1			1.3	1851	0.218899	2.92	1.27	13.4	1.834838	1		2.88	238	7.6	30.4	2.1	138	201	3.8	2.89	0.07	0.74	0.66	1	0.3	1.1	0.012272	0.010657	3.565467		15.24786			
HK20-002	102	103	1	V389693		126	25.4			1.1	2853	0.337396	4.23	1.91	17.7	1.601313	0.48		3.77	271	2.2	41.8	2.6	135	152	5.9	0.02	0.06	0.16	0.24	2	0.09	0.96	0.004952	0.032187	5.165043		20.14083			
HK20-002	103	104	1	V389694		114	27			2.8	2410	0.285006	6.82	4.48	108	3.219306	0.64		4.45	388	9.5	94	6.9	223	300	8.3	0.3	0.1	0.98	0.39	4	0.21	1.93	0.010119	0.066519	8.327564		122.8932			
HK20-002	104	105	1.4	V389695		97.5	18.3			0.6	2823	0.333848	0.44	4.71	73.1	2.285207	0.92		4.94	386	9.5	105	6.6	433	210	8.3	0.32	0.11	1.95	0.92	4	0.24	1.37	0.011196	0.016594	0.537262		83.18049			
HK20-002	105.4	107	1.1	V389696		24.5	14.9			1.3	773	0.091415	3.45	3.15	43.3	1.818158	0.31		2.63	233	50.3	65.9	4.3	8	153	5.2	0.71	0.08	0.93	1.3	3	0.16	1.09	0.007966	0.03562	4.212624		49.27107			
HK20-002	106.5	107	0.5	V389697		15.7	14			1	748	0.088458	2.63	2.17	20.8	1.701395	0.57		2.22	179	21.1	42.9	2.7	8	134	5.4	0.23	0.07	1.83	1.87	2	0.06	1.02	0.006029	0.029469	3.211363		23.66832			
HK20-002	107	108	1	V389698		113	26.6			2.2	2340	0.276728	3.85	3.33	32	4.203447	0.68		3.44	332	10.8	60.3	4	106	232	5.3	0.25	0.07	1.41	0.79	4	0.11	2.52	0.009473	0.031901	4.701044		36.4128			
HK20-002	108	109	1	V389699		95	20.1			1.5	3082	0.364477	2.62	2.4	16.7	2.518732	1.15		2.98	235	11.2	51.8	3	73	185	4.7	0.44	0.06	0.94	0.64	2	0.11	1.51	0.011411	0.008755	3.199152		19.00293			
HK20-002	109	110	1	V389700		108	26.8			1.9	2733	0.323204	0.8	2.77	27.8	2.051682	0.64		2.92	388	4	64.4	4.2	108	199	8.1	0.55	0.11	0.87	0.28	3	0.1	1.23	0.016363	0.006208	0.97684		31.63362			
HK20-002	110	111	1	V389701		99.9	23.6			1.5	2479	0.293166	5.57	2.35	29.5	2.285207	0.41		2.58	279	8.5	49.7	3.1	106	215	7.4	0.57	0.07	0.38	0.38	2	0.12	1.37	0.009473	0.034476	6.801251		33.56805			
HK20-002	111	112	1	V389702		90.3	22.1			0.5	4379	0.51786	1.54	7.52	106	1.768117	0.5		5.43	359	7.6	187	9.8	338	186	11.2	4.21	0.09	1.28	0.41	6	0.67	1.06	0.008827	0.016165	1.880418		120.6174			
HK20-002	112	113	1	V389703		97.8	23.8			1.4	2893	0.342126	3.22	2.49	21.6	2.568773	0.75		2.46	314	15	54	3.5	242	229	9	0.19	0.09	1.35	0.6	2	0.21	1.54	0.009473	0.032187	3.931782		24.57864			
HK20-002	113	114	1	V389704		83.6	18.6			1.5	3869	0.457548	2.13	3.42	22.8	2.41865	0.4		3.83	310	4.1	63.6	4.1	110	259	5	0.63	0.09	0.75	0.51	3	0.17	1.45	0.014856	0.018025	2.600837		25.94412			
HK20-002	114	115	1	V389705		59.1	16.9			0.4	3986	0.471384	0.27	5.38	26.9	0.550451	0.3		4.09	336	1	111	6.2	129	79.1	4.2	0.15	0.09	0.57	0.2	4	0.16	0.33	0.005813	0.001903	0.329684		30.60951			
HK20-002	115	116	1	V389706		104	26.5			1.8	2423	0.286544	4.24	2.2	15.4	3.436151	0.52		1.79	311	4.9	47	2.9	130	331	3.4	0.1	0.1	0.73	0.47	3	0.1	2.06	0.005383	0.013132	5.177254		17.52366			
HK20-002	116	117	1	V389707		93.7	26.6			1.6	2999	0.354662	1.13	3.05	47.6	2.468691	0.54		2.53	328	2	62.4	3.8	154	229	3.8	0.16	0.1	0.93	0.23	3	0.08	1.48	0.008182	0.005951	1.379787		54.16404			
HK20-002	117	118	1	V389708		93.8	20.3			1.5	2182	0.258043	3.4	3	48.3	2.668855	0.38		3.46	323	8.4	61.1	4.3	124	243	4.9	0.37	0.1	0.94	0.53	3	0.21	1.6	0.008182	0.019455	4.151571		54.96057			
HK20-002	118	119	1	V389709		113	33			0.8	2109	0.24941	1.17	2.65	27	2.168445	0.68		3.44	396	6.4	62.6	4.2	116	374	5.2	0.14	0.13	0.88	0.43	3	0.13	1.3	0.012703	0.012975	1.428629		30.7233			
HK20-002	119	120	1	V389710		108	26.5			1.8	2405	0.284415	2.7	2.97	28.1	3.219306	0.52		3.27	336	8	65.4	3.8	152	252	4.4	0.08	0.11	1.25	0.63	3	0.17	1.93	0.008182	0.016165	3.296836		31.97499			
HK20-002	120	121	1	V389711		109	29			1.6	1717	0.203052	1.98	1.41	12.9	2.43533	0.46		2.71	269	6.1	33.2	2.3	270	223	3.9	0.02	0.1	0.71	0.39	1	0.06	1.46	0.010119	0.007196	2.41768		14.67891			
HK20-002	121	122	1	V389712		103	22.6			0.8	2135	0.252485	1.19	3.38	39.7	2.735577	0.65		4.18	413	5.4	81.2	6	156	268	6.7	0.12	0.11	1.58	0.63	3	0.26	1.64	0.013564	0.013833	1.45305		45.17463			
HK20-002	122	123	1	V389713		92.8	23.7			1.1	0.25	2.957E-05	1.04	3.62	43.6	2.518732	0.59		2.65	352	6.1	84.8	6.4	237	178	5.2	0.24	0.16	1.88	0.58	4	0.26	1.51	0.011196	0.01123	1.269892		49.61244			
HK20-002	123	124	1	V389714		73.9	20.9			0.8	0.25	2.957E-05	1.92	3.67	36.4	2.051682	0.36		3.68	386	4.5	81.3	5.7	399	193	6.2	0.22	0.1	0.92	0.41	3	0.17	1.23	0.01055	0.012889	2.344417		41.41956			
HK20-002	124	125	1	V389716		60.8	14.1			0.7	0.25	2.957E-05	5.06	5.11	61.7	1.384469	0.39		7.63	292	5.1	139	9.3	153	101	6.2	0.22	0.07	0.7	0.43	5	0.17	0.83	0.007966	0.022173	6.178515		70.20843			
HK20-002	125	126	1	V389717		110	22.2			0.5	0.25	2.957E-05	1.37	1.95	20	1.834838	0.72		4.85	267	6.2	42.6	2.6	83	249	4.5	0.2	0.07	0.7	0.39	2	0.09	1.1	0.006459	0.006609	1.672839		22.758			
HK20-002	126	127	1	V389718		57.9	13			0.9	3221	0.380915	3.69	6.13	108	0.96746	0.45		7.55	353	3.8	153	11.8	222	61.3	7.4	0.15	0.07	0.67	0.22	5	0.14	0.58	0.006244	0.0206	4.505676		122.8932			
HK20-002	127	128	1	V389719		84.8	22.1			0.8	2935	0.347093	2.7	2.42	26.8	1.601313	0.51		3.9	418	2.9	59	4.3	144	102	6.8	0.02	0.07	0.38	0.2	2	0.11	0.96	0.012918	0.031042	3.296836		30.49572			
HK20-002	128	129	1	V389720		67.6	16.5			0.6	3406	0.402793	0.95	4.36	44	1.017501	0.51		9.05	411	4.1	114	9.3	283	82.6	9.4	0.05	0.05	0.72	0.45	4	0.15	0.61	0.011411	0.01545	1.159998		50.0676			
HK20-002	129	130	1	V389721		98.3	24.5			0.7	2700	0.319302	1.16	3.21	67.3	2.368609	0.86		4.23	650	7.9	86.7	6.8	193	189	8.7	0.2	0.11	1.21	0.72	3	0.17	1.42	0.01421	0.021315	1.416418		76.58067			
HK20-002	130	131	1	V389722		116	23.9			0.7	1796	0.212395	0.96	3.56	62.1	3.185946	0.98		1.99	479	7.5	85	6.1	209	198	10.7	0.29	0.12	1.95	0.74	4	0.21	1.91	0.017224	0.017739	1.172208		70.66359			
HK20-002	131	132	1	V389723		102	27.2			2.4	1692	0.200096	2.																												

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	150	152	1.51	V389744	Original		0.5	7.009906	16	0.0025	8505	0.9	25.0	1	1298	31.1	92	0.013	1.7	62	36.45	14.08	20.28	9.922323	11	54.12	1.44	5.46	4.10	984	60	1.33	6.10	0.81	205	0.81	405	336	61	1.99	41	
HK20-002	151.5	152	0.69	V389745	Original		0.5	0.623523	4	0.009	13001	1.5		2.6	2894	11.5	5	0.001	0.2	61	18.23	8.03	14.5	8.020783	0.5	35.73	0.41	2.78	0.36	2860	5	1.24	3.60	1.74	37	0.12	56	452	20	0.07	92	
HK20-002	152.2	153	0.8	V389746	Original		0.5	14.000918	11	0.0025	3452	0.4	10.4	0.1	299	38.6	44	0.006	3.8	98	8.93	3.61	5.45	13.010539	18	14.38	5.27	1.35	4.94	163	73	0.36	5.84	0.21	23	2.01	104	112	44	1.44	13	
HK20-002	153	154	1.4	V389747	Original		0.5	10.524307	20	0.0025	3557	0.4	17.5	0.1	809	33.5	89	0.013	2.9	53	12.24	5.03	8.37	11.480728	14	20.45	4.1	1.82	5.18	604	52	0.54	6.85	0.42	174	0.93	224	212	50	1.60	17	
HK20-002	154.4	156	1.1	V389748	Original		0.5	13.169555	17	0.0025	2581	0.3	10.4	0.1	720	27.2	105	0.015	2.2	16	12.06	5.79	7.12	9.150269	14	18.86	5.44	1.93	5.66	463	59	0.73	4.71	0.31	70	1.66	450	206	58	1.56	28	
HK20-002	155.5	157	1.1	V389749	Original		0.5	16.721745	1.5	0.007	2515	0.3	4.2	0.1	247	15	5	0.001	1.8	5	9.61	5.02	3.69	9.479107	15	11.81	6.97	1.69	7.95	114	47	0.54	2.74	0.10	5	1.36	147	96.7	47	1.42	7	
HK20-002	156.6	158	1	V389751	Original		0.5	16.665061	1.5	0.0025	7920	0.9	1.5	0.1	174	3.2	5	0.001	1.9	5	12.5	7.36	2.35	6.047756	17	9.86	11.98	2.33	8.31	94.6	23	0.81	1.54	0.04	1	2.02	221	54.2	8	0.14	5	
HK20-002	157.6	159	1	V389752	Original		0.5	16.532798	1.5	0.0025	4137	0.5	3.4	0.1	198	2.4	18	0.003	1.8	5	11.29	6.64	2.48	5.933377	17	10.29	10.83	2.09	8.91	108	16	0.75	2.12	0.11	1	1.82	212	62.5	8	0.16	4	
HK20-002	158.6	160	1	V389753	Original		0.5	17.572003	1.5	0.0025	757	0.1	1.8	0.1	170	6.4	5	0.001	1.5	21	13.53	9.02	2.5	5.704621	18	9.39	12.19	2.67	8.31	95.4	24	1.02	1.63	0.05	2	2.45	232	55	20	0.16	6	
HK20-002	159.6	161	1.4	V389754	Original		0.5	10.599885	16	0.006	2418	0.3	12.5	0.1	1568	29.4	107	0.016	3.4	48	28.5	15.19	12.63	9.421917	14	41.13	4.58	4.92	3.98	1086	239	1.54	7.63	0.45	124	1.25	391	385	83	1.26	23	
HK20-002	161	162	1	V389755	Original		0.5	6.991012	13	0.0025	3398	0.4	18.9	0.1	3617	24.7	84	0.012	4.1	180	71.63	39.32	26.73	10.193971	9	90.59	3.11	12.36	2.77	2422	329	3.71	7.20	0.77	232	0.53	210	859	57	1.51	13	
HK20-002	162	163	1	V389756	Original		0.5	9.315051	13	0.0025	4045	0.5	21.5	0.1	4609	27.1	82	0.012	3.6	153	86.88	43.81	34.32	7.834918	10	115	2.65	14.62	3.61	3089	365	3.83	4.79	0.57	74	1.33	235	1082	64	1.51	16	
HK20-002	163	164	1	V389757	Original		0.5	8.748212	13	0.006	5138	0.6	21.8	0.1	3214	33.4	157	0.023	3.6	70	68.9	35.43	25.78	9.62208	11	86.57	2.84	11.7	4.46	2222	385	3.25	6.45	0.53	48	0.65	325	769	83	1.90	17	
HK20-002	164	165	1	V389758	Original		0.5	8.597055	17	0.005	5075	0.6	22.1	0.5	2820	35.9	89	0.013	2.9	106	69	40.42	24.6	9.922323	12	80.73	4.01	12.52	4.46	1791	284	3.9	5.87	0.65	272	0.74	477	713	60	1.60	33	
HK20-002	165	166	0.53	V389759	Original		0.5	6.726487	23	0.0025	3460	0.4	20.4	0.3	3611	38.5	165	0.024	2.6	74	81.23	46.04	28.17	9.078782	11	97.76	2.19	14.65	4.34	2311	246	4.18	8.66	0.60	164	0.65	313	893	121	2.18	23	
HK20-002	165.5	167	1.67	V389760	Original		0.5	5.592809	11	0.005	1998	0.2	17.8	0.1	2037	19.3	82	0.012	2.5	40	34.6	19.43	14.7	8.978701	8	43.7	2.8	5.97	1.33	1424	24	1.99	7.13	0.66	60	0.24	196	453	42	1.10	8	
HK20-002	167.2	168	0.8	V389761	Original		0.5	9.390629	28	0.0025	5465	0.6	14.8	0.1	3789	31.1	201	0.029	4	81	55.42	27.37	24.08	10.408431	12	75.3	4.38	9.01	3.73	2651	168	2.53	8.82	0.46	197	0.38	247	821	109	1.79	17	
HK20-002	168	169	1	V389762	Original		0.5	10.637675	16	0.0025	5942	0.7	15.8	0.1	2486	35.8	123	0.018	3.4	76	40.6	20.18	17.93	11.89535	13	54.97	5.05	6.61	4.70	1780	169	1.97	6.45	0.39	354	0.39	387	552	79	1.65	17	
HK20-002	169	170	1	V389763	Original		0.5	10.732148	17	0.0025	4166	0.5	14.4	0.1	1520	37.5	105	0.015	7.3	71	28.58	17.87	11.28	10.608593	14	35.04	4.11	5.27	4.94	1045	285	2.03	6.27	0.52	160	1.48	278	360	69	1.40	14	
HK20-002	170	171	1	V389764	Original		0.5	10.524307	16	0.0025	3794	0.4	14.4	0.1	4360	28.8	117	0.017	4.4	131	57.38	25.39	28.97	10.079593	13	86.01	4.39	9.06	4.34	2943	271	2.08	6.43	0.52	138	0.57	323	982	74	1.60	17	
HK20-002	171	172	1	V389766	Original		0.5	8.86158	16	0.0025	2779	0.3	16.4	0.1	3109	27.1	159	0.023	4	127	46.92	25.27	21.23	9.293242	12	64.65	3.92	7.95	3.73	2094	226	2.58	7.53	0.60	89	0.75	316	698	68	1.47	19	
HK20-002	172	173	1	V389767	Original		0.5	7.765692	25	0.0025	4857	0.5	20.8	0.4	4424	28.9	144	0.021	2.9	69	56	31.08	24.04	10.193971	10	73.51	4.23	9.81	4.10	3025	238	3.11	7.21	0.59	124	1.63	362	893	81	1.35	47	
HK20-002	173	174	1	V389768	Original		0.5	11.657985	21	0.0025	5165	0.6	14.0	0.4	1017	28.6	65	0.010	3.6	48	21.99	9.92	12.74	11.023215	13	35.07	3.31	3.44	4.94	750	144	1.02	5.27	0.49	104	2.25	393	243	36	1.33	36	
HK20-002	174	175	1	V389769	Original		0.5	9.503997	24	0.0025	4594	0.5	17.2	0.2	1781	36.9	224	0.033	3	74	38.77	17.99	15.11	10.336944	14	45.64	4.22	6.33	5.06	1277	196	1.83	7.13	0.39	174	1.13	470	402	98	1.58	18	
HK20-002	175	176	1	V389770	Original		0.5	7.576745	17	0.0025	4109	0.5	18.3	0.2	3118	33.6	208	0.030	2.2	74	41.28	22.19	18	10.780161	11	54.22	3.68	7	4.10	2391	130	2.38	7.86	0.47	117	1.05	302	607	82	1.54	16	
HK20-002	176	177	1	V389771	Original		0.5	7.803481	17	0.0025	4061	0.5	22.4	0.7	2247	28.5	98	0.014	3	93	34.19	17.4	16.6	9.550593	11	47.11	2.67	5.62	3.85	1621	222	1.83	5.49	0.46	148	1.28	456	505	55	2.20	64	
HK20-002	177	178	1	V389772	Original		0.5	8.899369	22	0.0025	4495	0.5	16.9	0.2	2803	36.5	267	0.039	4.6	53	41.12	23.24	17.77	11.666593	13	53.56	5.1	7.23	5.54	1989	294	2.57	8.56	0.60	103	1.25	358	573	130	1.37	22	
HK20-002	178	179	1	V389773	Original		0.5	11.450144	30	0.0025	5135	0.6	14.3	0.1	1009	30.9	64	0.009	5.1	38	27.31	11.24	14.49	14.511755	14	38.68	4.72	4.11	5.54	688	160	0.97	6.73	0.51	127	0.88	466	283	42	1.76	21	
HK20-002	179	180	1	V389774	Original		0.5	7.425588	44	0.0025	3687	0.4	22.7	0.8	903	35.1	70	0.010	3	72	24.79	12.66	13.51	10.408431	12	33.47	11.11	4.09	4.10	537	61	1.93	7.55	0.53	210	0.16	417	317	52	2.70	30	
HK20-002	180	181	1	V389775	Original		0.5	9.163894	37	0.0025	6303	0.7	17.6	0.1	826	31.1	66	0.010	2.2	63	27.09	12.28	15.23	10.46562	13	39.61	4.58	4.23	5.66	500	66	1.34	6.09	0.48	519	0.28	679	287	52	1.97	28	
HK20-002	181	182	1	V389777	Original		0.5	13.698604	11	0.0025	3060	0.3	10.2	0.1	724	32.7	54	0.008	4.3	49	15.52	7.88	7.76	13.067728	17	21.38	5.56	2.61	6.14	463	117	0.78	5.42	0.28	47	0.85	154	202	37	1.44	20	
HK20-002	182	183	1	V389778	Original		0.5	8.597055	15	0.0025	12955	1.4	18.0	0.1	1493	32.1	58	0.008	2.1	62	23.1	9	18.44	10.966025	10	46.02	2.88	3.32	4.94	658	62	0.83	5.80	1.19	95	0.49	332	527	64	0.94	68	
HK20-002	183	184	1	V389																																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	150	152	1.51	V389744	110	79	12	20.109576	55.5	2	8396	0.99291	6.3	6.75	136	2.018322	0.6	1.64	6.03	294	13	148	10.1	219	83.8										0.012918	0.057936	7.692618	0.042501	154.7544	0.361221	
HK20-002	151.5	152	0.69	V389745	191	8	2.5	3.422907	44.3	0.5	8238	0.974225	0.25	3.98	125	0.250205	0.25	1.11	0.89	39	2.5	81.1	8.7	450	14.4										0.001077	0.008011	0.305263	0.026279	142.2375	0.775275	
HK20-002	152.2	153	0.8	V389746	31.06	103	14	34.87086	17.1	2	2632	0.31126	5.6	1.68	16.3	3.169265	1.5	0.44	2.16	238	16	39.8	3.6	98	198									0.015717	0.014877	6.837882	0.011613	18.54777	0.082255		
HK20-002	153	154	1.4	V389747	68.71	104	13	28.025047	26.9	1	2422	0.286426	7.8	2.27	29	2.535412	1.2	0.62	5.25	296	11	54.8	4.9	109	211									0.011196	0.032044	9.524193	0.016545	32.9991	0.214644		
HK20-002	154.4	156	1.1	V389748	65.3	100	8	37.651972	25.3	2	1425	0.16852	20.4	2.15	72.8	1.534592	0.5	0.78	16.39	157	6	59.5	6.1	82	350								0.012703	0.064374	24.909429	0.01687	82.83912	0.186923			
HK20-002	155.5	157	1.1	V389749	26.84	137	6	46.637101	13.3	0.5	396	0.046831	9.3	1.54	11.1	1.317747	0.25	0.59	3.68	63	2.5	61.4	4.8	17	369									0.010119	0.021029	11.355769	0.013851	12.63069	0.070394		
HK20-002	156.6	158	1	V389751	17.42	192	2.5	51.771461	8.2	3	209	0.024716	14.9	1.69	18	0.233525	0.25	0.93	3.55	5	2.5	96.7	5.9	12	647									0.004952	0.031615	18.193651	0.018248	20.4822	0.057888		
HK20-002	157.6	159	1	V389752	19.6	194	2.5	51.129666	9.6	3	180	0.021287	14.2	1.68	17.5	0.233525	0.25	0.8	3.58	5	2.5	86.2	5.8	5	592									0.003445	0.030327	17.338916	0.016858	19.91325	0.062106		
HK20-002	158.6	160	1	V389753	17.06	183	2.5	52.199324	8.6	3	164	0.019395	15.6	1.73	18.8	0.233525	0.25	1.16	4.36	5	2.5	98	7.8	5	659									0.005167	0.033188	19.048387	0.01904	21.39252	0.058353		
HK20-002	159.6	161	1.4	V389754	131	118	10	29.950432	49.5	3	817	0.096618	16.5	4.9	83.2	1.668034	0.8	2.05	15.61	185	16	167	12.8	71	264									0.051458	0.055934	20.147332	0.041153	94.67328	0.411845		
HK20-002	161	162	1	V389755	314	96	8	24.174277	110	1	1398	0.165327	5	11.89	162	1.734756	0.7	5.26	5.12	284	21	444	30.3	87	150									0.070835	0.030041	6.105252	0.102652	184.3398	0.945919		
HK20-002	162	163	1	V389756	396	124	7	26.313594	142	2	5328	0.630089	5.2	14.96	186	1.834838	0.8	5.54	4.75	246	26	529	30.8	102	119									0.078586	0.033617	6.349462	0.123827	211.6494	1.196763		
HK20-002	163	164	1	V389757	280	138	11	23.532482	102	2	6131	0.725052	6.4	11.41	128	2.251847	0.7	4.43	4.12	275	38	409	26.2	128	139									0.082892	0.046492	7.814723	0.095203	145.6512	0.853391		
HK20-002	164	165	1	V389758	257	131	10	22.034961	95.8	2	4633	0.547898	6.7	11.07	140	2.351929	0.8	5.41	5.08	343	46	463	30.5	197	229									0.061146	0.068236	8.181038	0.101844	159.306	0.754154		
HK20-002	165	166	0.53	V389759	325	116	11	23.318551	116	0.5	2952	0.349103	5.9	13.23	163	1.818158	1	6.08	7.66	309	43	516	34.3	111	136									0.052965	0.044775	7.204197	0.116373	185.4777	0.951019		
HK20-002	165.5	167	1.67	V389760	162	41	7	26.313594	53.8	0.5	1378	0.162962	4.5	5.74	93.4	1.401149	0.25	2.52	4.84	172	26	188	15.3	12	151									0.005167	0.028038	5.494727	0.046646	106.27986	0.523373		
HK20-002	167.2	168	0.8	V389761	317	110	12	26.099662	97.6	2	964	0.114003	6.4	9.9	261	2.301888	0.7	3.33	5	274	26	321	19.8	61	194									0.036171	0.035334	7.814723	0.078134	296.9919	0.964552		
HK20-002	168	169	1	V389762	197	126	12	27.811115	66.5	2	2679	0.316818	7.1	7.03	114	2.618814	0.6	2.53	4.28	301	30	213	15.6	94	248									0.036386	0.055361	8.669458	0.053996	129.7206	0.640559		
HK20-002	169	170	1	V389763	125	157	12	30.592227	44.2	2	3674	0.434487	6.4	4.67	96.9	2.518732	1.3	2.45	4.69	265	34	142	15.6	140	187									0.061362	0.039769	7.814723	0.037255	110.26251	0.393925		
HK20-002	170	171	1	V389764	372	143	11	29.7365	115	3	1640	0.193946	6.4	10.85	293	2.452011	1	2.92	4.48	298	24	308	16.9	122	195									0.058347	0.046206	7.814723	0.079987	333.4047	1.092636		
HK20-002	171	172	1	V389766	266	110	13	27.811115	81.6	2	3026	0.357855	6.7	8.3	236	2.502052	1	3.24	4.13	286	22	265	19.1	98	180									0.048659	0.045205	8.181038	0.066004	268.5444	0.787321		
HK20-002	172	173	1	V389767	358	114	11	25.671799	98.9	2	5674	0.671007	6.2	9.82	169	2.051682	1	4.12	6.05	268	25	323	24.2	187	190									0.051242	0.051785	7.570513	0.079559	192.3051	1.09742		
HK20-002	173	174	1	V389768	82.93	113	13	32.731544	37.4	2	4268	0.504733	6.2	4.11	89.5	2.685535	1.1	1.22	3.27	283	45	107	8.3	156	127									0.031004	0.05622	7.570513	0.029168	101.84205	0.27382		
HK20-002	174	175	1	V389769	142	147	15	27.811115	49.7	2	4179	0.494208	7	6.43	103	2.702216	2.5	2.24	4.8	373	28	198	13.6	152	188									0.0422	0.067235	8.547353	0.047902	117.2037	0.469037		
HK20-002	175	176	1	V389770	231	113	12	25.885731	67.8	2	3474	0.410835	7	7.03	88.5	2.735577	1	2.91	6.25	273	29	219	18.2	104	178									0.027989	0.043202	8.547353	0.055569	100.70415	0.798207		
HK20-002	176	177	1	V389771	177	125	10	22.034961	59.7	2	4916	0.581366	6.8	6.01	87.5	2.118404	1.3	2.26	7.7	272	29	189	13.8	238	153									0.047797	0.065232	8.303143	0.047563	99.56625	0.579781		
HK20-002	177	178	1	V389772	216	188	14	27.16932	65.6	2	6053	0.715827	5.9	6.83	101	2.285207	1	3.11	6.46	347	20	220	18.9	193	302									0.063299	0.051213	7.204197	0.055567	114.9279	0.708467		
HK20-002	178	179	1	V389773	88.29	142	14	31.02009	41.4	2	3951	0.467245	6.2	4.95	99.3	3.069183	0.6	1.33	3.72	413	31	112	8.5	203	203									0.034449	0.066662	7.570513	0.03185	112.99347	0.27349		
HK20-002	179	180	1	V389774	90.2	128	25	20.751371	44.4	4	3504	0.414383	8.7	4.15	50.3	3.352749	0.7	1.74	12.12	493	31	118	11.3	187	1138									0.013134	0.059653	10.623139	0.0325	57.23637	0.248297		
HK20-002	180	181	1	V389775	82.66	102	15	28.666842	47.2	3	2453	0.290092	6.5	4.64	121	2.785618	1	1.56	8.05	587	31	121	8.6	118	376									0.01421	0.097133	7.936828	0.03401	137.6859	0.232011		
HK20-002	181	182	1	V389777	64.68	125	13	33.801202	27.7	2	2214	0.261827	6.2	2.58	48.9	2.935741	1.5	1.03	2.15	255	33	72.1	5.6	94	235									0.025191	0.022203	7.570513	0.019853	55.64331	0.189787		
HK20-002	182	183	1	V389778	165	79	10	26.099662	65.7	1	3496	0.413437	4.3	4.67	245	2.035002	1	1.06	2.38	272	20	92.5	5.7	126	152									0.013349	0.047493	5.250517	0.032267	278.7855	0.364549		
HK20-002	183	184	1	V389779		129	17.7			2	2150	0.254259	6.02	3.22	67.6	2.685535	1.06		1.71	318	18.6	78.4	5	165	219		9	0.83	0.12	1.58	0.89	4	0.21	1.61	0.018516	0.046492	7.350724		76.92204		
HK20-002	184	185	1	V389780		127	22			1.2	3211	0.379733	1.5	2.59	47.5	1.901559	0.74		3.9	302	6.5	68	4.2	104	237		8.5	0.32	0.08	1.03	0.47	2									

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	205	206	1	V389802	Original		0.5	6.858749	27	0.005	4451	0.5	19.3	1.9	1000	20.8		0.004	2	27.9				9.107377			7.19	3.96		1055	67	1.94	8.21	0.80	995	0.67	362		37	1.21	140	
HK20-002	206	207	1	V389803	Original		2	8.61595	32	0.0025	2339	0.3	16.8	1.69	951	28.1		0.007	2	46.6				10.122485			7.02	5.31		694	104	1.85	8.01	0.61	1037	0.44	426		57	1.17	199	
HK20-002	207	208	1	V389804	Original		1	12.621611	18	0.017	2253	0.3	12.4	0.82	944	29.7		0.004	4	42.9				10.980323			5.24	4.99		645	163	0.98	6.53	0.59	171	1.59	346		43	1.33	43.2	
HK20-002	208	209	1	V389805	Original		1	8.049111	30	0.007	1771	0.2	20.9	2.23	1000	25.9		0.005	4	48.5				10.637188			2.75	2.60		1039	65	1.59	5.52	0.48	573	1.31	381		50	1.31	81.2	
HK20-002	209	210	1	V389806	Original		0.5	14.303232	17	0.007	1332	0.1	11.4	0.85	330	36.8		0.010	4	81.3				11.437836			3.29	4.14		271	146	0.36	4.54	0.20	771	2.76	103		68	1.05	21.4	
HK20-002	210	211	1	V389807	Original		0.5	13.64192	16	0.007	1523	0.2	11.8	0.45	557	37		0.009	3	45.8				9.507701			4.35	4.11		425	163	0.68	5.09	0.30	226	2.51	204		60	1.31	42.9	
HK20-002	211	212	1	V389808	Original		1	13.452974	12	0.0025	6120	0.7	11.3	0.53	601	31.1		0.004	4	37.3				10.694377			4.4	5.58		451	200	0.68	6.20	0.38	114	1.25	283		33	1.12	40.4	
HK20-002	212	213	1	V389809	Original		0.5	12.716084	11	0.005	2092	0.2	11.9	0.31	549	30.9		0.004	4	39				10.865944			5.09	4.58		383	137	0.66	5.92	0.33	108	1.68	227		28	1.33	21.8	
HK20-002	213	214	1	V389810	Original		1	12.338191	9	0.0025	1984	0.2	12.3	0.91	823	34.7		0.007	4	51.5				11.537917			4.88	4.37		530	180	0.93	6.48	0.52	53.99	1.79	419		45	1.17	21.3	
HK20-002	214	215	1	V389811	Original		2	10.184204	8	0.006	1383	0.2	15.2	0.89	615	50.2		0.008	4	132				13.482349			3.62	4.00		395	135	0.65	5.95	0.44	57.82	1.36	468		52	1.05	28.1	
HK20-002	215	216	1	V389812	Original		0.5	12.470454	15	0.0025	6653	0.7	14.1	0.38	664	32.9		0.010	6	32.2				10.951728			4.89	4.30		456	162	0.66	6.83	0.38	106	1.63	331		50	1.35	33.8	
HK20-002	216	217	1	V389813	Original		0.5	11.922509	16	0.0025	4677	0.5	15.5	0.33	462	37.4		0.012	5	65.2				10.608593			4.33	4.13		316	118	0.64	7.71	0.33	97.5	1.85	233		105	1.49	26.9	
HK20-002	217	218	1	V389814	Original		0.5	8.842685	10	0.009	3438	0.4	11.4	0.29	325	26		0.010	4	46.5				7.963593			2.81	3.89		220	86	0.48	5.70	0.24	70.26	1.33	122		80	1.01	21.7	
HK20-002	218	219	1	V389815	Original		0.5	14.90786	13	0.016	1316	0.1	9.0	0.47	307	38.9		0.011	4	76.1				11.652296			3.32	3.17		205	50	0.53	5.31	0.19	30.16	3.94	95.8		76	1.03	40.6	
HK20-002	219	220	1	V389816	Original		0.5	13.226239	10	0.008	1356	0.2	8.0	0.62	452	34.6		0.010	4	75.1				11.637998			2.93	3.12		300	115	0.57	5.36	0.20	41.68	3.05	94.4		70	0.94	61.2	
HK20-002	220	221	1	V389817	Original		2	2.815299	22	0.0025	1445	0.2	21.0	1.33	1000	10.3		0.002	1	16.7				8.092269			1.34	1.08		797	81	1.35	6.75	0.68	154	0.59	244		27	1.58	86.8	
HK20-002	221	222	1	V389818	Original		0.5	7.860165	17	0.0025	1861	0.2	14.8	3.57	401	51.8		0.110	6	51.7				10.336944			3.2	4.46		268	48	0.47	12.37	0.31	41.42	0.31	21.3		324	0.41	107	
HK20-002	222	223	1	V389819	Original		0.5	8.33253	11	0.0025	4367	0.5	18.9	0.62	1000	31.7		0.029	5	81.6				9.321836			3.91	4.16		800	65	2.02	8.11	0.43	28.92	0.80	44.8		132	0.92	40	
HK20-002	223	224	1	V389821	Original		1	9.711838	18	0.006	700	0.1	13.6	0.81	475	52		0.034	5	107				12.981944			6.32	4.67		247	40	0.64	8.62	0.38	36.2	1.51	250		107	1.33	58.3	
HK20-002	224	225	1	V389822	Original		2	9.144999	21	0.0025	398	0.0	12.0	68.65	689	45		0.013	3	113				16.327511			3.85	3.95		457	80	1.16	6.88	0.40	246	1.60	559		129	1.21	232	
HK20-002	225	226	1	V389823	Original		0.5	10.410939	18	0.005	2934	0.3	14.7	0.35	353	46.7		0.028	5	99.2				11.180485			4.04	4.00		207	68	0.52	9.37	0.27	44.31	1.08	117		156	1.03	28.1	
HK20-002	226	227	1	V389824	Original		0.5	8.37032	16	0.006	2279	0.3	14.1	0.4	512	50.8		0.040	4	51.5				13.239295			6.9	4.23		259	37	0.54	10.58	0.34	37.05	0.44	166		119	0.62	31.8	
HK20-002	227	228	1	V389825	Original		0.5	9.069421	13	0.0025	3388	0.4	13.5	0.37	837	45		0.031	5	65.5				14.225809			5.5	4.75		471	46	1.3	10.36	0.44	21.75	0.67	173		132	0.55	62.5	
HK20-002	227	228	1	V389826	FieldDup		0.5	8.974948	9	0.008	2134	0.2	12.6	0.39	828	45.4		0.030	5	66.7				13.939863			5.07	5.35		467	45	1.3	10.20	0.42	21.43	0.65	37.3		129	0.32	78.1	
HK20-002	228	229	1	V389827	Original		1	11.487933	18	0.0025	939	0.1	13.0	0.55	717	36.7		0.009	8	58.7				12.352863			5.27	4.25		430	95	0.78	7.21	0.41	68.21	1.90	273		54	1.31	53.1	
HK20-002	229	230	1	V389828	Original		0.5	7.973532	15	0.008	3273	0.4	18.1	0.48	852	40		0.015	3	89.3				10.851647			2.27	4.02		437	55	0.97	9.98	0.41	18.67	0.63	77.9		98	1.19	21.5	
HK20-002	230	231	1	V389829	Original		0.5	4.081239	13	0.007	2947	0.3	21.0	1.14	903	31.2		0.018	2	52.1				7.463188			1.4	2.95		454	31	1.41	6.92	0.43	53.26	0.27	76.1		89	2.11	32	
HK20-002	231	232	1	V389830	Original		0.5	6.254121	10	0.0025	3787	0.4	21.0	0.93	1000	34		0.013	3	73.2				10.365539			2.02	3.24		790	53	1.18	9.45	0.51	38.18	0.42	35.1		82	1.28	53.8	
HK20-002	232	233	1	V389831	Original		0.5	6.688698	5	0.007	4309	0.5	21.0	0.48	513	30.4		0.013	5	58.5				8.707053			1.97	3.70		275	51	1.25	7.55	0.33	38.27	0.31	16.7		77	1.01	21.6	
HK20-002	233	234	1	V389832	Original		0.5	5.30939	5	0.0025	2385	0.3	21.0	0.32	574	33.7		0.012	2	99.1				8.664161			1.08	3.90		286	36	0.7	9.17	0.31	17.1	0.42	40.6		98	1.97	31.8	
HK20-002	234	235	1	V389833	Original		0.5	8.011322	20	0.0025	2851	0.3	13.4	0.27	467	55.1		0.065	3	70.8				10.823052			3.85	5.07		269	64	0.49	13.28	0.37	46	0.54	86.9		272	0.66	57.4	
HK20-002	235	236	1	V389834	Original		0.5	7.331115	9	0.005	4424	0.5	18.8	0.49	684	35.9		0.014	3	58				11.066106			2.84	4.19		351	62	2.55	9.05	0.48	76.33	0.43	33.5		77	1.15	94.3	
HK20-002	236	237	1	V389835	Original		0.5	6.386384	7	0.0025	2850	0.3	20.8	0.22	545	36.4		0.012	3	89.6				9.321836			1.76	3.02		285	30	0.66	8.84	0.30	8.13	0.40	26.9		60	1.31	14.7	
HK20-002	237	238	1	V389836	Original		2	8.61595	20	0.0025	5652	0.6	16.3	0.54	1000	39.8		0.019	4	52.6				13.096322			7.64	4.41		546	71	1.19	9.07	0.53	81.99	0.65	390		85	1.15	63.4	
HK20-002	238	239	1	V389837	Original		0.5	8.918264	9	0.0025	3727	0.4	13.7	0.25	607	49		0.033	5	77.3				13.210701			8.04	4.54		355	69	0.64	11.48	0.39	42.78	0.71	74.2		125	0.48	33	
HK20-002	239	240	1	V389838	Original		0.5	9.371735	8	0.0025	929	0.1	13.3	0.32	820	43.9		0.034	5	79.3				14.182917			9.6															

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	205	206	1	V389802		74	14.9			1.4	4667	0.551919	2.61	6.79	188	1.45119	0.96		10.16	398	19.1	194	13.8	440	641	9.8	0.69	0.08	0.79	2.5	6	0.37	0.87	0.014425	0.051785	3.186942		213.9252			
HK20-002	206	207	1	V389803		93.5	15.6			1.9	4817	0.569658	2.23	6.08	150	1.91824	1.19		9.95	426	18.8	185	12.8	606	658	10.7	0.99	0.12	1.09	2.43	5	0.55	1.15	0.022392	0.06094	2.722942		170.685			
HK20-002	207	208	1	V389804		105	15.7			1.8	5827	0.689101	5.48	4.62	88.5	2.41865	0.79		2.95	311	17.4	113	7	217	242	11.2	0.37	0.09	1.05	1.6	4	0.26	1.45	0.035095	0.049496	6.691356		100.70415			
HK20-002	208	209	1	V389805		65.8	14.6			1.3	10000	1.182599	2.86	9.23	183	1.134263	1		4.66	209	66.9	201	12.5	235	167	7.8	0.46	0.05	1.49	1.82	6	0.35	0.68	0.013995	0.054503	3.492204		208.2357			
HK20-002	209	210	1	V389806		78.4	19.9			1.1	5469	0.646764	4.45	1.39	9.6	1.701395	1.84		2.39	196	166	36.9	2.6	108	148	5.8	0.2	0.07	2.1	2.39	1	0.19	1.02	0.031434	0.014734	5.433674		10.92384			
HK20-002	210	211	1	V389807		87.7	19.6			1.5	5274	0.623703	5.79	3.12	45.6	2.201805	1.96		2.37	237	59	81.6	4.9	109	187	8.3	0.27	0.08	1.13	2.01	3	0.21	1.32	0.035095	0.029183	7.069882		51.88824			
HK20-002	211	212	1	V389808		124	15			1.8	5297	0.626423	4.87	2.78	65.7	2.518732	1.05		2.44	296	17.1	66.4	4.7	221	205	7.1	0.18	0.09	0.74	1.41	3	0.17	1.51	0.043061	0.040484	5.946516		74.76003			
HK20-002	212	213	1	V389809		103	14.4			1.6	3764	0.44513	5.34	3.18	64.4	2.585453	0.85		2.22	246	25	80	4.9	132	211	6.2	0.21	0.07	1.18	1.16	3	0.19	1.55	0.029497	0.032473	6.520409		73.28076			
HK20-002	213	214	1	V389810		103	17			1.5	4659	0.550973	6.17	4.16	75.2	2.568773	0.61		2.99	283	16.6	104	6.8	203	219	8.3	0.2	0.09	1.46	0.96	4	0.21	1.54	0.038755	0.059939	7.533881		85.57008			
HK20-002	214	215	1	V389811		103	14.9			1.4	6174	0.730137	6.16	3.18	145	2.201805	0.49		3.22	227	21	59.9	4.6	153	170	5.2	0.25	0.08	2.24	1.03	3	0.24	1.32	0.029066	0.066949	7.521671		164.9955			
HK20-002	215	216	1	V389812		125	18.4			2	5661	0.669469	6.11	2.8	43.7	2.218486	0.64		2.69	297	18.3	49.8	4.1	147	228	5.4	0.11	0.11	0.46	1.23	2	0.19	1.33	0.034879	0.04735	7.460618		49.72623			
HK20-002	216	217	1	V389813		134	18.9			1.6	4387	0.518806	6.63	2.7	44.1	2.135084	0.89		4.51	297	19.5	55.2	4.2	152	209	6.1	0.19	0.08	0.43	0.89	2	0.14	1.28	0.025406	0.033331	8.095564		50.18139			
HK20-002	217	218	1	V389814		96.8	13.6			1.1	3879	0.45873	4.13	2.08	33.7	1.501231	0.68		3.58	219	11.8	44.2	3	114	151	4.8	0.14	0.07	0.31	0.62	1	0.12	0.9	0.018516	0.017452	5.042938		38.34723			
HK20-002	218	219	1	V389815		62.8	19.1			1.5	2181	0.257925	5.58	1.66	23.6	1.718075	1.89		2.16	194	29.6	43.5	3.5	145	179	4.8	0.2	0.08	1.34	1.51	1	0.18	1.03	0.010765	0.013704	6.813461		26.85444			
HK20-002	219	220	1	V389816		65.1	17.8			1.3	2255	0.266676	5.08	1.98	26.9	1.551272	1.62		1.75	172	42	49.8	4	163	138	6.3	1.26	0.07	1.34	1.56	1	0.41	0.93	0.02476	0.013504	6.202936		30.60951			
HK20-002	220	221	1	V389817		25.9	6.7			1.1	5364	0.634346	0.46	5.83	77.3	0.366968	0.71		6.57	214	9.6	131	9.4	176	188	12.1	0.71	0.05	1.6	1.3	3	0.51	0.22	0.01744	0.034905	0.561683		87.95967			
HK20-002	221	222	1	V389818		128	26			1.4	3470	0.410362	0.92	1.94	29.6	1.801477	1.83		2.24	286	9.5	47.9	3.2	704	163	10.1	0.19	0.11	1.21	0.35	1	0.09	1.08	0.010335	0.003047	1.123366		33.68184			
HK20-002	222	223	1	V389819		108	18.5			0.4	5267	0.622875	0.48	7.17	165	1.584633	1.21		6.37	265	8.6	169	14.5	175	204	8.2	0.2	0.08	0.81	0.55	3	0.2	0.95	0.013995	0.006409	0.586104		187.7535			
HK20-002	223	224	1	V389821		122	25.2			2.6	2544	0.300853	6.45	3.04	51.1	3.019142	1.12		3.6	315	11.5	62.5	4.1	197	291	5.8	0.28	0.12	2.25	0.68	2	0.25	1.81	0.008612	0.035763	7.875775		58.14669			
HK20-002	224	225	1	V389822		93.7	18			4.6	3079	0.364122	7.3	4.84	108	2.135084	1.24		4.12	305	18.8	114	7.8	10000	193	7.7	1.55	1.8	4.72	1.32	5	0.92	1.28	0.017224	0.079966	8.913668		122.8932			
HK20-002	225	226	1	V389823		121	23.5			1.8	3726	0.440636	2.86	2.03	27.6	2.135084	0.69		3.99	339	8.9	47	3.3	142	199	10	0.26	0.09	0.62	0.48	1	0.18	1.28	0.014641	0.016737	3.492204		31.40604			
HK20-002	226	227	1	V389824		104	23.9			2.2	2807	0.331956	4.78	3.79	31.7	3.85316	0.62		3.47	249	8.3	65.3	3.7	160	267	6.2	0.17	0.1	0.88	0.74	3	0.15	2.31	0.007966	0.023747	5.836621		36.07143			
HK20-002	227	228	1	V389825		123	26.8			3.5	2917	0.344964	3.89	5.21	180	3.336069	0.95		4.1	264	6.5	113	8.2	218	247	10	0.33	0.11	1.18	0.52	3	0.15	2	0.009904	0.024748	4.749886		204.822	V389825		
HK20-002	227	228	1	V389826		125	26			3	2914	0.344609	0.78	5.13	172	2.43533	0.94		4.14	255	1.7	113	8.4	216	214	10.2	0.34	0.11	1.13	0.24	2	0.09	1.46								
HK20-002	228	229	1	V389827		117	20.6			2.3	3486	0.412254	6.3	3.86	57.8	2.768937	1.2		3.62	289	11.3	76.9	5	217	232	6.4	0.28	0.13	1.35	1.07	2	0.28	1.66	0.020454	0.039053	7.692618		65.77062			
HK20-002	229	230	1	V389828		90.5	23.6			0.8	4042	0.478007	1.48	4.65	31.4	1.818158	0.4		4.05	336	6	86.9	6.2	130	128	8.9	0.28	0.1	0.46	0.19	2	0.11	1.09	0.011842	0.011144	1.807155		35.73006			
HK20-002	230	231	1	V389829		58.2	15.5			0.9	5016	0.593192	0.85	5.27	36.9	0.917419	0.24		7.06	347	3.2	114	8.8	167	107	6.3	0.23	0.06	0.6	0.35	2	0.17	0.55	0.006674	0.010886	1.037893		41.98851			
HK20-002	231	232	1	V389830		80.3	17.5			0.4	4694	0.555112	1.31	6.03	87.5	1.200985	0.43		8.34	260	3.7	117	7.9	168	166	7.5	0.27	0.09	0.49	0.22	3	0.18	0.72	0.011411	0.005021	1.599576		99.56625			
HK20-002	232	233	1	V389831		88.6	17.3			0.3	5540	0.65516	0.35	4.49	53.7	1.050862	0.48		5.95	223	3.7	110	8.1	117	136	7.3	0.06	0.08	0.48	0.18	2	0.14	0.63	0.01098	0.002389	0.427368		61.10523			
HK20-002	233	234	1	V389832		114	13.5			0.7	5193	0.614124	2.06	3.59	52	0.633853	0.34		14.52	322	1.2	71.3	4.5	127	95.6	6.9	0.12	0.08	0.37	0.11	1	0.18	0.38	0.007751	0.005808	2.515364		59.1708			
HK20-002	234	235	1	V389833		154	25.1			2.4	3225	0.381388	1.04	2.62	32.7	2.40197	0.92		3.9	280	4	51.2	3.2	124	213	7.5	0.4	0.09	1.24	0.49	1	0.14	1.44	0.013779	0.012431	1.269892		37.20933			
HK20-002	235	236	1	V389834		105	23.2			0.5	3579	0.423252	0.39	7.28	141	1.484551	0.41		13.02	358	4.4	195	15.8	226	246	8.4	0.19	0.14	0.67	0.47	4	0.22	0.89	0.013349	0.004792	0.47621		160.4439			
HK20-002	236	237	1	V389835		96	21.6			0.4	4302	0.508754	0.9	3.53	42.9	1.234345	0.27		10.17	280	3.2	66	4.2	114	161	5.8	0.18	0.09	0.26	0.11	1	0.1	0.74	0.006459	0.003848	1.098945		48.81591			
HK20-002	237	238	1	V389836		105	25.4			2.8	3706	0.438271	6.04	5.82	74.3	3.102544	0.64		5.09	300	17	115	7.6	219	391	13.1	0.86	0.11	0.74	0.65	3	0.27	1.86	0.015287	0.05579	7.375145		84.54597			
HK20-002	238	239	1	V389837		112	32.7			2.4	4089	0.483565	1.73																												

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-002	258	259	1	V389859	Original		0.5	7.822375	10	0.016	1286	0.1	15.5	0.36	561	51.6		0.037	4	84.4				12.438647			4.62	4.94		342	55	0.63	10.43	0.50	41.39	0.47	64.3	106	0.44	29.3		
HK20-002	259	260	1	V389860	Original		0.5	7.59564	25	0.01	821	0.1	15.7	0.53	568	54		0.017	4	118				14.011349			5.64	4.28		299	54	0.52	9.35	0.41	47.82	0.78	295	105	1.26	65.7		
HK20-002	260	261	1	V389861	Original		0.5	7.501167	16	0.013	492	0.1	15.2	0.87	729	62.4		0.008	4	149				15.355295			3.32	3.87		373	64	0.81	8.56	0.51	82.95	0.85	54.5	85	0.73	58.7		
HK20-002	261	262	1	V389862	Original		0.5	6.08407	17	0.018	455	0.1	14.2	0.64	536	68.3		0.004	3	161				19.916132			8.44	3.40		266	34	0.6	7.93	0.55	84.45	0.65	256	81	0.41	47.6		
HK20-002	262	263	1	V389863	Original		0.5	8.672634	31	0.013	1029	0.1	16.8	0.38	508	50.5		0.016	5	113				12.567322			7.64	3.93		282	61	0.63	7.94	0.41	77.26	0.97	133	90	0.60	48.6		
HK20-002	263	264	1	V389864	Original		0.5	8.238057	16	0.02	2183	0.2	16.8	0.16	235	55.2		0.050	4	107				10.022404			5.39	4.59		121	32	0.23	10.75	0.18	13.53	0.63	113	174	1.19	9.4		
HK20-002	264	265	1	V389865	Original		0.5	9.012737	19	0.012	3268	0.4	17.3	0.31	316	44.5		0.027	4	82.7				10.279755			4.57	3.96		173	51	0.54	8.86	0.30	21.78	1.19	162	116	1.05	21.5		
HK20-002	265	266	1	V389866	Original		0.5	10.751043	13	0.013	1810	0.2	11.9	0.42	314	46.5		0.022	5	118				12.653106			5.86	4.26		167	75	0.48	8.82	0.40	103	1.78	295	162	0.37	52.7		
HK20-002	266	267	1	V389867	Original		0.5	9.862995	15	0.022	1095	0.1	14.1	0.86	789	44.3		0.018	3	111				12.181295			4.7	4.84		435	102	0.76	9.02	0.48	76.56	0.80	298	123	0.64	151		
HK20-002	267	268	1	V389868	Original		0.5	11.63909	14	0.02	1349	0.2	12.6	2.12	660	38.8		0.011	4	83				10.422728			9.6	4.57		441	101	0.74	6.87	0.33	50.67	1.78	408	82	0.69	253		
HK20-004	37.8	39	1.2	D137501	Original		0.6	13.75	2.5	0.0025	782	0.1	7.6	1	164	32	250	0.037	2.42	83	4.81	2.5	2.97	14.5	17.4	8	3.6	0.87	3.96	15.35	79.7	60	0.22	3.97	0.07	3	0.19	86.5	72.1	176	1.17	11
HK20-004	39	40.3	1.3	D137502	Original		0.25	13.25	2.5	0.0025	774	0.1	4.5	1.1	203	13	290	0.042	3.41	26	5.93	2.61	3.48	19.2	17.5	9.69	3.2	1.11	3.95	13.55	101	60	0.28	3.95	0.07	4	0.22	112.5	91.4	195	1.10	11
HK20-004	40.3	41	0.7	D137503	Original		1	9.39	2.5	0.0025	1200	0.2	12.2	1.5	1585	0.5	300	0.044	5.07	35	23.8	10.2	16.3	14.35	22.8	41.9	6.5	3.82	1.52	17.55	888	30	0.91	2.36	0.18	4	0.09	943	527	80	1.61	55
HK20-004	41	42	1	D137504	Original		0.9	10.8	38	0.0025	989	0.1	11.7	1.8	2350	5	300	0.044	5.92	49	33.8	14.3	23.8	13.25	28.3	59.3	7.2	5.56	1.85	17.4	1310	40	1.17	2.98	0.15	5	0.12	1250	782	128	2.07	36
HK20-004	42	43	1	D137505	Original		1.2	10.3	2.5	0.0025	2690	0.3	4.1	1.4	1535	10	290	0.043	9.42	46	27.5	13.2	17	31.6	24.5	45.2	6.8	4.74	2.91	10.35	881	50	1.13	4.32	0.22	9	0.14	924	512	146	1.96	71
HK20-004	43	45.1	2.12	D137506	Original		1.3	9.4	14	0.0025	8170	0.9	17.0	1.3	2250	56	280	0.040	6.18	94	43.1	19.8	26.8	9.2	25.6	74.2	5.9	7.36	3.70	16.1	1250	50	1.49	8.32	0.54	22	0.20	558	783	184	2.28	57
HK20-004	45.22	46	0.78	D137507	Original		0.7	13.15	2.5	0.0025	1365	0.2	11.0	0.9	168	87	260	0.041	1.77	102	5.17	2.56	2.93	10.15	16.6	8.59	2.9	0.92	2.45	17.25	86.6	100	0.27	4.80	0.16	3	0.57	84	71.7	270	1.09	16
HK20-004	46	47	1	D137508	Original		0.6	11.8	2.5	0.0025	1405	0.2	15.7	0.9	148	59	230	0.035	1.47	76	4.93	2.5	2.77	9.63	15	7.68	2.9	0.92	1.80	19.65	74.8	80	0.31	4.74	0.19	2	0.62	74.2	66.4	218	1.00	11
HK20-004	47	48	1	D137509	Original		0.5	12.2	2.5	0.0025	1545	0.2	14.9	0.8	179	68	230	0.034	1.85	88	6.27	2.95	3.53	6.76	15.3	9.49	2.9	1.06	2.08	20.5	85.9	90	0.3	3.67	0.20	8	0.54	95.4	79.4	214	1.02	12
HK20-004				D137510	Control	OREAS 462	0.9	11.3	2.5	0.0025	1000	0.1	1.9	0.25	5140	0.5	590	0.087	0.43	50	53.7	12.5	82.2	50.2	59.3	178	14.9	6.54	0.15	1.17	3890	10	0.59	1.85	0.13	48	0.23	1565	3080	137	1.14	209
HK20-004	48	49	1	D137511	Original		0.6	13.7	12	0.0025	1590	0.2	9.9	1.1	182	52	260	0.039	1.86	95	6.07	2.87	3.43	10.7	17.9	9.27	3.6	1.02	2.16	15.3	89.8	90	0.35	4.96	0.13	13	0.82	117	81.5	240	1.11	18
HK20-004	49	49.8	0.8	D137512	Original		1.1	13.65	2.5	0.0025	1700	0.2	12.0	1.1	353	50	230	0.034	2.46	85	7.82	3.81	4.89	6.36	19.1	13.5	5.1	1.35	3.03	17.45	184.5	80	0.33	3.06	0.17	14	0.70	212	138	170	1.21	38
HK20-004	49.8	51	1.2	D137513	Original		1.8	8.55	11	0.0025	2890	0.3	15.3	1	1855	86	80	0.012	2.05	55	35.8	16.3	24.4	14.35	21.7	61.7	5.3	5.86	2.40	15.8	965	50	1.18	4.06	0.51	20	0.70	1510	674	267	4.24	125
HK20-004	51	52	1	D137514	Original		1.7	11.1	5	0.0025	1755	0.2	16.3	0.5	1780	33	20	0.005	2.86	52	37.5	16.4	24.2	8.01	23.3	64.9	4.7	6.17	1.89	20.3	897	90	1.23	5.17	0.46	12	0.21	1165	674	140	3.75	90
HK20-004	52	53	1	D137515	Original		1.9	7.76	16	0.0025	1820	0.2	19.0	0.6	2170	31	40	0.006	2.75	28	38.4	16.4	26.8	9.14	22.2	67.4	5.9	6.12	1.84	23.5	1155	50	1.29	6.28	0.56	12	0.21	1815	783	151	2.99	128
HK20-004	53	54	1	D137516	Original		1	9.34	2.5	0.0025	2830	0.3	16.8	0.25	896	7	10	0.002	1.8	33	13	6.03	9.37	7.68	13.4	21.5	3.1	2.13	2.88	24.6	484	70	0.69	6.22	0.53	24	0.31	600	289	42	0.52	43
HK20-004	54	55	1	D137517	Original		0.8	10	5	0.0025	1950	0.2	14.2	0.25	434	6	10	0.001	1.63	39	9.64	4.89	6.1	8	11.8	14.6	2.8	1.65	3.20	20.9	225	60	0.54	5.15	0.42	24	0.96	303	162	34	0.56	36
HK20-004	55	56	1	D137518	Original		1.4	11.65	8	0.0025	2000	0.2	15.1	0.5	1250	17	70	0.011	2.34	47	20.4	8.75	14.05	6.45	15.6	29.6	4.7	3.27	2.66	21.3	714	90	0.91	4.99	0.45	29	1.02	749	416	88	1.39	62
HK20-004	56	57	1	D137519	Original		2.5	6.4	16	0.0025	2630	0.3	22.4	1.2	2430	71	280	0.039	2.69	124	58.3	23	36	14.95	22.1	81.9	7	9.18	2.49	16.55	1215	60	1.59	5.64	0.62	20	0.37	2470	923	362	4.57	180
HK20-004				D137520	Control	BLANK	0.25	0.25	2.5	0.0025	513	0.1	28.9	0.25	17.5	1	5	0.002	1	2	0.45	0.18	0.28	0.22	0.3	0.53	0.1	0.09	0.11	32.8	9.6	20	0.03	20.80	0.07	1	0.06	18.2	6.6	3	0.05	6
HK20-004	57	59	2	D137521	Original		1.2	3.52	59	0.0025	1535	0.2	26.5	0.25	5290	153	80	0.012	1.27	105	112.5	44.5	74.3	21	26.5	173	3.6	17.9	1.74	11.55	2670	30	2.62	3.40	0.56	38	0.50	1050	2020	441	11.40	44
HK20-004	59	60.2	1.21	D137522	Original		0.9	3	53	0.0025	1260	0.1	33.0	0.25	5830	100	60	0.009	1.05	120	120	45.2	80.6	12.95	23.7	187	1.9	18.9	1.13	11.6	2990	20	2.28	3.02	0.47	46	0.48	1345	2220	338	17.20	72
HK20-004	60.21	61	0.79	D137523	Original		0.9	8.73	2.5	0.0025	851	0.1	18.0	0.9	440	41	170	0.024	2.7	71	13.15	5.78	7.3	9.06	12.8	17.1	2.2	2.13	2.36	24.4	226	60	0.48	4.01	0.49	9	0.22	216	172	181	1.20	25
HK20-004	61	62	1	D137524	Original		0.6	12.7	2.5	0.0025	1395	0.2	10.5	0.9	167	51	250	0.036																								

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-002	258	259	1	V389859		115	33.1			1.8	3366	0.398063	1.6	2.53	35.3	1.9516	0.44		3.79	306	5.3	57.8	4.1	175	227	6.4	0.19	0.1	0.89	0.31	2	0.08	1.17	0.011842	0.009198	1.953681		40.16787			
HK20-002	259	260	1	V389860		105	29			2.8	3025	0.357736	3.93	2.59	58.3	2.785618	0.43		4.75	391	8.2	50.6	3.2	270	325	6.4	0.41	0.12	1.37	0.64	3	0.17	1.67	0.011626	0.0422	4.798728		66.33957			
HK20-002	260	261	1	V389861		93.4	25.6			2.8	3173	0.375239	0.57	3.77	53.5	2.068363	0.66		3.13	427	3.6	81.8	5.3	283	226	5.1	0.57	0.14	1.66	0.28	3	0.13	1.24	0.013779	0.007796	0.695999		60.87765			
HK20-002	261	262	1	V389862		83.7	25.2			3.4	2644	0.312679	2.31	2.65	33.7	3.352749	0.34		3.37	462	8.6	51	3.5	221	440	4.3	0.24	0.15	2.64	0.57	3	0.17	2.01	0.00732	0.036621	2.820626		38.34723			
HK20-002	262	263	1	V389863		111	35.9			2.3	2561	0.302864	2.21	2.9	36.4	2.351929	0.28		3.95	343	5.4	61.9	4	184	355	4.1	0.25	0.13	1.15	0.36	3	0.1	1.41	0.013134	0.019026	2.698521		41.41956			
HK20-002	263	264	1	V389864		142	35.2			1.5	2721	0.321785	4.2	1.34	14.6	2.652175	0.36		3.24	271	3.7	27.5	1.5	76	272	4.7	0.07	0.08	1.03	0.26	1	0.15	1.59	0.00689	0.016165	5.128412		16.61334			
HK20-002	264	265	1	V389865		124	29.8			1.6	2624	0.310314	3.63	2.1	31	2.602134	0.48		2.86	301	5.2	51.1	3.3	142	227	4.5	0.12	0.09	0.65	0.6	2	0.09	1.56	0.01098	0.023175	4.432413		35.2749			
HK20-002	265	266	1	V389866		140	28.6			2	1556	0.184012	4.82	1.73	20	2.618814	0.86		1.37	359	11.3	37.6	2.8	263	282	5.2	0.19	0.12	1.15	1.22	2	0.2	1.57	0.016148	0.0422	5.885463		22.758			
HK20-002	266	267	1	V389867		122	23.8			2.4	2414	0.285479	3.49	3.7	56.6	3.452831	0.75		3.65	346	10.5	74.2	5.2	387	200	6.2	0.27	0.12	1.12	0.71	3	0.17	2.07	0.021961	0.04263	4.261466		64.40514			
HK20-002	267	268	1	V389868		132	23			2.8	2015	0.238294	12.43	2.62	53.8	2.43533	1.01		12.49	210	15.4	68	4.9	728	606	9	0.38	0.09	1.39	1.23	3	0.19	1.46	0.021746	0.058365	15.177657		61.21902			
HK20-004	37.8	39	1.2	D137501	18.7	96	22	38.7	10.9	1	314	0.03	4.1	0.87	5.29	1.56	5	0.23	100.99	12.55	211	3	21.6	1.83	30	170							0.012918	0.012374	5.006307	0.00657	6.019491	0.045624			
HK20-004	39	40.3	1.3	D137502	23.3	104	21	39.1	12.85	1	261	0.03	4.2	1.09	8.38	1.53	5	0.34	100.6	13.1	211	5	26.6	1.97	48	169							0.012918	0.016093	5.128412	0.007915	9.535602	0.056799			
HK20-004	40.3	41	0.7	D137503	148	61.3	23	38.9	65.9	3	903	0.1	17	4.72	82.9	2.04	5	1.28	100.43	14.7	235	33	97.9	7.88	167	409							0.006459	0.134899	20.757857	0.032817	94.33191	0.400852			
HK20-004	41	42	1	D137504	221	75.2	26	36.4	96.6	3	1245	0.14	23.6	6.61	113	2.47	5	1.7	99.49	21.7	280	26	135.5	10	196	423							0.008612	0.178816	28.81679	0.046378	128.5827	0.591575			
HK20-004	42	43	1	D137505	143	135	26	31.8	65.4	5	1185	0.13	15.6	5.21	93.5	2.29	5	1.55	100.5	20.4	316	16	114.5	9.3	350	401							0.010765	0.132181	19.048387	0.036475	106.39365	0.395442			
HK20-004	43	45.1	2.12	D137506	213	172	23	28.6	104	4	1735	0.19	9	8.49	90.5	1.95	5	2.14	98.38	18.25	262	11	196.5	12.85	162	342							0.010765	0.079823	10.989454	0.059577	102.97995	0.58499			
HK20-004	45.22	46	0.78	D137507	18.4	59.4	23	36.3	10.5	1	722	0.09	3.8	0.96	5.58	1.43	5	0.32	98.65	7.62	192	1	25.2	2.2	31	153							0.02153	0.012016	4.639992	0.007167	6.349482	0.047406			
HK20-004	46	47	1	D137508	16.6	48.2	20	33.7	9.51	1	1830	0.2	3.5	0.86	4.58	1.33	5	0.32	100.57	9.23	185	1	25.6	2.36	24	149							0.017224	0.010614	4.273676	0.006956	5.211582	0.042652			
HK20-004	47	48	1	D137509	20	57.8	20	36.2	12.55	1	1035	0.11	3.9	1.05	6.79	1.36	5	0.37	99.76	21.8	192	2	27.8	2.29	27	147							0.019377	0.013647	4.762097	0.008125	7.726341	0.050645			
HK20-004				D137510	780	6	46	28.8	379	32	824	0.09	23.6	14.2	231	3.12	5	1.18	100.24	6.41	373	4	131.5	5.83	248	629															
HK20-004	48	49	1	D137511	20.3	59.1	23	39.9	11.85	1	943	0.1	4.3	1.09	8.42	1.55	5	0.34	100.54	42.1	215	2	28.6	2.3	38	174							0.019377	0.016737	5.250517	0.008079	9.581118	0.051684			
HK20-004	49	49.8	0.8	D137512	36.8	76.3	20	39.9	18.9	2	796	0.09	7.3	1.57	24.2	1.78	5	0.43	99.59	45.8	205	4	37.1	3.11	20	242							0.017224	0.030327	8.913668	0.011135	27.53718	0.09434			
HK20-004	49.8	51	1.2	D137513	182.5	59.1	11	27	90.3	3	2890	0.33	29.4	7.06	179	1.19	5	1.86	94.73	94.3	171	18	148.5	10.25	50	416							0.010765	0.216009	35.898882	0.048237	203.6841	0.477841			
HK20-004	51	52	1	D137514	179	52.8	8	32.7	92.9	2	2670	0.3	28.8	7.3	172.5	0.81	5	1.87	101.23	54.1	134	10	155.5	10.6	17	438							0.019377	0.166656	35.166252	0.050089	196.28775	0.462497			
HK20-004	52	53	1	D137515	213	52	13	24.6	101	2	2990	0.32	45.2	7.82	276	0.75	5	1.7	97.17	83.9	133	10	153.5	10.85	20	481							0.010765	0.25964	55.191479	0.051537	314.0604	0.556515			
HK20-004	53	54	1	D137516	81	53.4	4	28.7	36.3	1	2150	0.24	17.5	2.53	69.6	0.26	5	0.79	98.37	25.1	38	4	57.9	5.5	13	297							0.015071	0.085832	21.368382	0.018637	79.19784	0.223242			
HK20-004	54	55	1	D137517	44.3	56.6	1	34	21.3	1	1870	0.21	12.1	1.8	44.4	0.19	5	0.6	98.03	17.9	25	3	45.4	4	15	243							0.012918	0.043345	14.77471	0.013272	50.52276	0.114365			
HK20-004	55	56	1	D137518	124	53.2	8	33.8	52.7	2	1910	0.22	18.5	3.73	86.3	0.62	5	1	99.84	39.7	88	9	91.2	6.07	12	421							0.019377	0.107146	22.589433	0.027786	98.20077	0.320536			
HK20-004	56	57	1	D137519	264	104.5	23	20.4	134	4	3320	0.39	58.9	10.65	424	1.74	5	2.55	96.85	126.5	274	10	244	12.7	95	524							0.012918	0.35334	71.91987	0.07365	482.4696	0.63809			
HK20-004				D137520	1.96	3.1	0.5	17.6	0.96	0.5	134.5	0.01	0.6	0.07	2.96	0.02	5	0.02	100.95	1.36	6	1	2.2	0.14	25	8															
HK20-004	57	59	2	D137521	623	72.6	6	14.4	279	3	6690	0.79	20	21.4	385	1.4	5	4.62	96.94	40.2	277	21	464	23.9	89	322							0.006459	0.150205	24.421008	0.145881	438.0915	1.384674			
HK20-004	59	60.2	1.21	D137522	687	45.3	3	10.25	309	2	10000	1.19	21.7	22.8	387	1.01	10	4.6	95.45	51.4	199	15	480	21.8	50	228							0.004306	0.192406	26.496794	0.154672	440.3673	1.524898			
HK20-004	60.21	61	0.79	D137523	48.8	60.4	14	30.4	25.6	1	912	0.09	4.8	2.41	25.7	0.95	5	0.68	99.97	17.05	143	8	60.8	3.5	27	140							0.012918	0.030899	5.861042	0.016728	29.24403	0.120265			
HK20-004	61	62	1	D137524	19.4	71.8	22	39.4	11.4	1	729	0.09	3.9	1.09	6.99	1.41	5	0.34	99.11	4.25	190	7	28.4	1.87	15	152							0.019377	0.012488	4.762097	0.007883	7.953921	0.047779			
HK20-004	61	62	1	D137525	19.25	70.7	21	38.8	11.3	1	686	0.08	3.8	1.1	6.14	1.39	5	0.3	99.15	4.14	189	7	29.7	2.06	14	153													D137524		
HK20-004	62	63	1	D137526	16.25	59.6	20	37.7	9.68	1	893	0.1	4	1.01																											

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-004	79	80	1	D137545	Original		2	4.29	2.5	0.006	5690	0.6	13.9	1.6	1595	55	360	0.049	2.73	106	38.1	15.85	23.1	23.5	18.8	52.6	7.9	6.18	2.37	12.7	853	20	1.26	8.03	0.81	6	0.16	1020	593	193	2.71	72
HK20-004	80	81	1	D137546	Original		2.2	4.65	2.5	0.006	6920	0.7	15.8	1.3	3970	57	470	0.068	2.65	87	94.6	38.9	55.8	19.9	25.1	134.5	7	15.3	2.68	12.95	2110	10	2.59	8.54	0.77	5	0.13	1040	1455	240	5.96	83
HK20-004	81	82	0.95	D137547	Original		1.4	8.11	2.5	0.006	8770	0.9	14.9	1.5	2880	29	390	0.057	3.52	114	59.6	23.9	37.4	14.9	22.8	87	4.6	9.63	3.85	13.2	1570	40	1.79	9.89	0.65	12	0.32	1255	1025	203	3.46	95
HK20-004	81.95	83	1.05	D137548	Original		1.8	5.2	11	0.0025	8660	0.9	18.1	1.1	4780	59	380	0.054	3.28	108	110	46.1	65.5	17.3	28.2	155.5	4.1	17.8	3.00	12.25	2630	10	3.14	9.24	0.75	46	0.13	722	1740	218	8.00	76
HK20-004	83	84	1	D137549	Original		1.6	8.15	2.5	0.006	10000	1.1	10.1	2	1535	32	340	0.051	4.6	54	27.8	11.2	18.4	21	21.6	40.5	5.8	4.34	4.30	14	835	30	0.88	11.50	0.90	185	0.11	1285	537	184	1.65	102
HK20-004				D137550	Control	OREAS 462	0.5	11.3	5	0.033	1145	0.1	1.9	0.25	4980	0.5	660	0.086	0.42	49	54.9	12.2	83	50.4	51.4	152.5	15.1	6.59	0.16	1.12	3900	10	0.68	1.85	0.13	48	0.24	1575	2950	134	1.16	200
HK20-004	84	85	1	D137551	Original		2	5.31	2.5	0.005	7740	0.8	14.5	1.9	790	72	400	0.053	3.41	132	21.1	8.51	11.4	19.6	17.2	26.8	8.3	3.35	3.00	14.95	389	10	0.81	8.49	0.79	7	0.08	824	271	308	1.13	66
HK20-004	85	86	1	D137552	Original		2.2	4.2	2.5	0.005	4440	0.5	15.2	2.2	1165	79	350	0.045	2.79	199	26.3	11.7	15.7	22.6	18.6	41.7	9.6	4.63	1.85	17.95	608	20	1.22	7.27	0.99	7	0.07	1125	386	337	1.83	83
HK20-004	86	87	1	D137553	Original		1.5	6.63	2.5	0.006	8560	0.9	9.7	2.1	1225	44	480	0.065	4.81	86	19.25	7.83	13.3	21	20.8	32.5	7.3	3.27	3.51	15.25	669	20	0.76	10.55	0.93	5	0.08	1300	379	223	1.09	99
HK20-004	87	88	1	D137554	Original		1.7	5.81	2.5	0.005	5940	0.7	12.5	1.9	649	41	300	0.045	3.88	67	14.75	6.43	8.88	21.8	16.6	22.5	7.1	2.78	2.79	19.1	301	20	0.69	10.15	0.97	5	0.08	793	212	198	0.91	70
HK20-004	88	89	1	D137555	Original		1.4	7.72	2.5	0.005	10000	1.3	8.3	2.4	1440	72	400	0.054	5.24	103	22.6	8.23	16.4	20	21.7	39.1	6.4	3.71	4.45	12.85	736	20	0.71	12.30	0.81	5	0.12	1735	465	319	0.93	122
HK20-004	89	90	1	D137556	Original		1.1	9.68	2.5	0.006	10000	1.1	10.5	1.9	1265	31	420	0.059	6.21	48	18.85	7.46	13.1	15.4	20.8	32.1	4.7	3.12	4.95	13.8	658	40	0.66	11.80	0.70	8	0.15	1360	401	195	0.92	96
HK20-004	90	91	1	D137557	Original		1	9.72	2.5	0.005	9640	1.1	10.4	1.7	969	46	430	0.062	5.95	35	12.95	5.37	9.12	17.25	19.7	22.3	5.1	2.18	4.74	14.05	470	50	0.57	11.25	0.73	18	0.12	1030	289	214	0.66	78
HK20-004	91	92.2	1.2	D137558	Original		1.7	6.07	2.5	0.0025	7840	0.8	11.7	2.3	780	53	310	0.042	4.23	47	14.85	6.27	8.91	20.4	18.5	22.2	6.3	2.67	3.27	19	385	10	0.7	11.20	0.97	5	0.07	916	241	185	0.57	75
HK20-004	92.2	93	0.8	D137559	Original		1.6	6.57	2.5	0.007	5090	0.5	17.8	1.5	1410	27	240	0.033	3.58	97	24.8	10.3	16.8	15.75	17.1	41.4	5.5	4.39	2.84	21.3	758	40	0.97	8.96	0.82	13	0.09	1195	458	165	1.84	90
HK20-004				D137560	Control	BLANK	0.25	0.08	2.5	0.0025	729	0.1	26.7	0.25	12.6	1	5	0.001	0.23	2	0.29	0.15	0.16	0.27	0.4	0.43	0.1	0.05	0.03	26.3	6.7	10	0.01	20.40	0.06	0.5	0.02	10.2	4.5	3	0.02	2
HK20-004	93	94	1	D137561	Original		1.2	11	2.5	0.0025	10000	1.3	7.2	2	1225	27	290	0.040	5.28	4	20.5	8.9	14.45	14.45	20.9	35	4.1	3.64	5.54	12.05	653	30	0.79	11.65	0.61	21	0.29	1535	399	178	1.23	116
HK20-004	94	95	1	D137562	Original		2	8.11	2.5	0.0025	5410	0.6	8.9	2.5	940	61	730	0.106	3.79	99	18.45	7.82	11.55	21.4	20.4	28.6	7.3	3.22	3.38	17.4	447	30	0.84	8.15	0.79	30	0.09	1425	307	278	1.19	127
HK20-004	95	96	1	D137563	Original		1.3	9.28	2.5	0.0025	8350	0.9	8.3	2.3	1255	36	300	0.042	4.76	42	16.4	6.84	12.7	16.55	23.3	28.1	5.2	2.72	4.53	14.95	665	30	0.73	10.70	0.67	13	0.11	1525	394	182	0.73	115
HK20-004	96	97	1	D137564	Original		1.1	11.9	2.5	0.005	735	0.1	7.5	1.1	1235	27	170	0.024	1.98	141	14.85	6.45	10.45	12.35	16.7	25.5	5	2.57	6.31	15.05	651	30	0.68	4.21	0.51	11	0.19	403	368	140	1.69	56
HK20-004	97	98.4	1.4	D137565	Original		1	12.15	2.5	0.005	2390	0.3	7.5	1.3	774	58	240	0.030	2.79	79	14.15	6.22	9.34	10.95	17.6	24.2	4.1	2.52	4.25	16.7	365	50	0.54	5.53	0.39	17	0.17	464	256	210	1.53	53
HK20-004	98.4	100	1.6	D137566	Original		1	14.95	2.5	0.006	1265	0.1	3.9	1	256	22	10	0.001	1.02	14	6.93	3.47	3.99	10.1	14.4	11.7	5.6	1.37	7.08	8.3	118	40	0.48	2.67	0.23	4	0.97	158	108	64	1.81	34
HK20-004	100	101	1	D137567	Original		0.9	15.2	2.5	0.005	1030	0.1	4.7	1.2	230	19	10	0.001	0.94	21	6.47	3.22	3.67	9.87	14.7	10.55	5.5	1.23	7.16	8.31	110	50	0.41	2.39	0.22	4	1.15	135	97.1	48	1.82	24
HK20-004	101	102	1	D137568	Original		0.8	15.25	2.5	0.0025	1320	0.2	5.3	1	220	16	5	0.001	0.88	13	6.14	2.82	3.79	8.1	14.4	10.05	5.2	1.09	6.50	8.36	107.5	50	0.4	2.36	0.18	2	1.61	129.5	94.5	31	1.80	22
HK20-004	102	103	1	D137569	Original		0.8	15.75	2.5	0.0025	1590	0.2	5.6	1	227	14	5	0.001	1.19	15	6.22	2.92	3.94	7.74	14	10.95	5.4	1.18	5.06	8.81	107.5	60	0.39	2.55	0.19	2	2.39	126	97.5	21	1.87	37
HK20-004				D137570	Control	OREAS 520	1.1	10.9	15.1	0.18	8410	0.9	6.0	0.9	77.5	207	40	0.007	0.72	3110	3.8	2.08	1.14	24.3	19.2	4.01	3.4	0.82	4.15	6.34	79.2	20	0.38	2.11	0.31	63	1.82	6.6	20.9	83	0.17	9
HK20-004	103	104	1	D137571	Original		0.8	15	2.5	0.006	1475	0.2	6.4	1	240	21	5	0.001	1.29	19	6.03	2.91	4.03	8.05	14	10.4	5.1	1.06	4.87	9.95	112.5	50	0.42	2.60	0.24	2	2.32	122	103	29	1.78	31
HK20-004	104	105	1	D137572	Original		0.9	14.6	2.5	0.0025	1540	0.2	4.6	0.8	226	23	30	0.005	1.48	20	6.19	3.09	3.92	8.49	14.4	10.4	5.6	1.14	4.22	10.45	107	50	0.45	2.76	0.24	3	2.19	130	97.6	41	1.73	31
HK20-004	105	106	1	D137573	Original		0.9	15.65	2.5	0.0025	1565	0.2	5.6	0.8	234	27	50	0.009	1.51	29	6.97	3.01	3.87	7.98	15.8	10.15	5.2	1.17	3.99	11.05	111.5	50	0.36	3.27	0.23	22	2.19	143	100	57	1.77	31
HK20-004	106	107	1	D137574	Original		0.8	15.25	2.5	0.0025	1405	0.2	5.2	0.9	219	33	170	0.026	1.92	55	6.55	3.01	3.56	9.16	16.8	10.25	4.9	1.14	3.95	13.7	104	60	0.42	3.44	0.26	8	1.56	213	90.4	85	1.55	30
HK20-004	106	107	1	D137575	FieldDup		0.8	15.2	2.5	0.0025	1440	0.2	5.1	0.9	211	30	140	0.020	1.78	47	6.15	2.86	3.56	8.56	15.4	9.69	4.8	1.18	3.91	13.05	101	60	0.37	3.14	0.24	7	1.67	193.5	89	74	1.55	27
HK20-004	107	108	1	D137576	Original		0.9	16	2.5	0.0025	1810	0.2	4.5	1	230	14	10	0.001	1.65	32	6.46	2.9	4.11	7.96	15	11	5.5	1.16	4.39	9.21	107.5	50	0.38	2.70	0.18	4	2.49	135.5	99.3	25	1.92	19
HK20-004	108	109	1	D137577	Original		0.9	16.05	2.5	0.0025	2020	0.2	5.1	0.9	241	11	5	0.001	1.77																							

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK20-004	79	80	1	D137545	168.5	127	29	26.8	85.9	5	1875	0.21	15.4	6.89	169.5	2.42	5	1.79	98.5	21.1	401	3	163.5	10.1	267	560									0.004306	0.145914	18.804176	0.048646	192.87405	0.423595	
HK20-004	80	81	1	D137546	447	125	23	22.1	208	5	2460	0.3	17.9	17.25	446	2.95	5	4.27	97.46	18	410	4	405	22.1	180	465									0.002153	0.148775	21.856803	0.119858	507.5034	1.052346	
HK20-004	81	82	0.95	D137547	300	155.5	22	25.8	142	3	1525	0.18	28.6	11	231	2.49	5	2.8	98.66	18.55	247	8	256	14.75	147	247									0.008612	0.179531	34.922042	0.07748	262.8549	0.752331	
HK20-004	81.95	83	1.05	D137548	547	150	21	19.8	247	4	3020	0.36	13.3	20.2	395	2.07	5	5.12	97.13	24.4	314	4	492	27.4	167	277									0.002153	0.103284	16.239971	0.142952	449.4705	1.275903	
HK20-004	83	84	1	D137549	158	210	23	24.2	72.9	3	1135	0.14	21.9	5.14	104.5	2.83	5	1.25	99.95	21.7	278	7	114	7.09	261	306									0.006459	0.183822	26.741004	0.036339	118.91055	0.394591	
HK20-004				D137550	790	6	44	29.1	374	32	829	0.09	24.6	13.7	258	3.05	5	1.18	100.69	6.41	387	4	140	5.39	248	639															
HK20-004	84	85	1	D137551	78.9	154	36	22.8	40	5	1090	0.12	10.6	3.72	57.7	2.46	5	0.98	93.98	8.71	411	5	90.6	5.75	252	507									0.002153	0.117875	12.943134	0.025618	65.65683	0.204185	
HK20-004	85	86	1	D137552	113	112.5	36	20.2	56	7	1290	0.14	16.5	5.36	90.1	2.56	5	1.46	95.34	21.1	541	10	116.5	8.61	228	625									0.004306	0.160934	20.147332	0.034702	102.52479	0.30009	
HK20-004	86	87	1	D137553	115	199.5	27	24.2	49.5	5	897	0.1	22.9	3.88	75.1	2.67	5	1.06	96.66	16.25	404	6	80.4	5.98	321	378									0.004306	0.185968	27.962055	0.02605	85.45629	0.305208	
HK20-004	87	88	1	D137554	61.3	153.5	32	19.3	30.7	5	628	0.08	10.1	3.03	37.8	2.45	5	0.92	96.62	9.98	397	5	69.5	5.35	262	354									0.004306	0.113441	12.332609	0.019896	43.01262	0.162765	
HK20-004	88	89	1	D137555	139	238	26	24	61.1	4	581	0.07	38	4.55	83.2	3.08	5	1.06	95.96	12.6	373	7	89.4	5.95	281	295									0.004306	0.248196	46.399916	0.030207	94.67328	0.355167	
HK20-004	89	90	1	D137556	121.5	244	23	26.8	51.8	3	698	0.08	23.2	3.9	67.2	2.49	5	0.91	98.44	8.23	259	13	77.2	5.29	242	222									0.008612	0.194551	28.32837	0.025631	76.46688	0.311509	
HK20-004	90	91	1	D137557	88.3	228	24	26.4	35.4	3	784	0.09	14.5	2.76	38.6	2.39	5	0.8	98.95	5.18	290	8	59	4.09	234	251									0.010765	0.147344	17.705231	0.018513	43.92294	0.230855	
HK20-004	91	92.2	1.2	D137558	71.7	177	26	20	31.9	4	506	0.06	12.5	2.79	52.3	2.41	5	0.89	96.59	9.1	380	9	70.1	4.94	254	351									0.002153	0.131036	15.26313	0.019984	59.51217	0.192675	
HK20-004	92.2	93	0.8	D137559	135	132	27	19.2	60.2	3	1175	0.13	23	5.19	129.5	1.61	5	1.42	97.47	35.5	249	6	111.5	7.68	155	328									0.008612	0.170948	28.08416	0.034129	147.35805	0.356797	
HK20-004				D137560	1.29	1.2	0.5	26.4	0.65	0.5	119	0.02	0.2	0.05	1.6	0.02	5	0.02	100.41	0.53	6	0.5	1.5	0.06	24	5															
HK20-004	93	94	1	D137561	118.5	231	17	29.9	53.7	2	621	0.08	23.8	4.25	79.1	2.55	5	1.17	97.87	15.5	234	12	87.3	6.55	198	215									0.006459	0.219586	29.061	0.028267	90.00789	0.308248	
HK20-004	94	95	1	D137562	89.2	149	28	25.6	43.4	5	662	0.08	19.1	3.62	91.9	2.98	5	1.07	98.76	21.3	396	11	78.7	6.06	173	399									0.006459	0.20385	23.322063	0.024366	104.57301	0.232719	
HK20-004	95	96	1	D137563	119	186	22	28.3	48.1	3	519	0.06	19.9	3.39	65.1	2.82	5	0.92	97.91	12.25	311	16	67	5.23	191	289									0.006459	0.218155	24.298903	0.022945	74.07729	0.307422	
HK20-004	96	97	1	D137564	113	67.7	14	38.1	41.6	1	910	0.1	6.4	2.93	35.4	1.26	5	0.97	99.28	25.1	141	13	67.9	5.49	48	284									0.006459	0.05765	7.814723	0.021483	40.28166	0.298293	
HK20-004	97	98.4	1.4	D137565	74	93	20	35.5	35	2	880	0.1	8.7	2.87	58	1.79	5	0.89	96.81	13.8	215	13	64.9	4.8	77	227									0.010765	0.066376	10.623139	0.019835	65.9982	0.191487	
HK20-004	98.4	100	1.6	D137566	29.6	103.5	8	44.8	15.25	1	368	0.04	7.1	1.45	8.86	1.49	5	0.46	96.47	3.24	97	13	36	3.38	35	283									0.008612	0.022602	8.669458	0.010159	10.081794	0.069876	
HK20-004	100	101	1	D137567	26.7	99.8	8	46.1	14.4	1	351	0.04	6.9	1.39	8.09	1.48	5	0.47	98.51	2.98	94	10	33	3.17	95	271									0.010765	0.019312	8.425248	0.009374	9.205611	0.063505	
HK20-004	101	102	1	D137568	25.3	96.2	7	46.2	13.85	1	428	0.05	7	1.24	7.46	1.45	5	0.4	97.29	2.23	89	8	29.3	2.5	30	277									0.010765	0.018525	8.547353	0.008595	8.488734	0.060811	
HK20-004	102	103	1	D137569	26.2	91.2	7	47.3	14.7	1	748	0.09	6.9	1.26	7.57	1.48	5	0.36	98.99	2.11	89	5	30.3	2.57	20	274									0.012918	0.018025	8.425248	0.008977	8.613903	0.062466	
HK20-004				D137570	6.34	104.5	17	41.3	4.09	5	98.5	0.01	0.4	0.6	9.28	0.87	5	0.36	99.19	17.1	287	45	20.3	1.94	24	129															
HK20-004	103	104	1	D137571	27.5	84.2	7	45.8	14.05	1	694	0.09	6.5	1.25	7.08	1.45	5	0.41	98.72	2.14	85	6	30.1	2.42	22	258									0.010765	0.017452	7.936828	0.008777	8.056332	0.06517	
HK20-004	104	105	1	D137572	26.6	83.1	8	44.7	13.75	2	840	0.09	6.9	1.28	7.8	1.43	5	0.42	95.69	2.91	98	7	30.8	2.81	27	269									0.010765	0.018597	8.425248	0.008919	8.87562	0.062288	
HK20-004	105	106	1	D137573	27.5	74.8	9	45.6	14.4	1	876	0.1	7	1.29	9.11	1.6	5	0.42	99.23	3.29	111	10	31.9	2.72	25	265									0.010765	0.020457	8.547353	0.009164	10.366269	0.064382	
HK20-004	106	107	1	D137574	24.6	74.5	14	44.3	13.1	2	814	0.09	6.5	1.26	11.85	1.61	5	0.44	100.24	9.99	152	7	31.1	2.67	32	247									0.012918	0.03047	7.936828	0.008836	13.484115	0.059962	
HK20-004	106	107	1	D137575	23.9	74.8	13	44	12.75	2	817	0.09	6.5	1.13	10.1	1.53	5	0.41	98.2	8.49	140	7	30	2.68	32	246														D137574	
HK20-004	107	108	1	D137576	27	91	7	46.5	16.05	2	918	0.1	7.2	1.3	7.91	1.54	5	0.39	97.72	3.27	98	3	31.8	2.69	33	286									0.010765	0.019384	8.791563	0.009393	9.000789	0.063532	
HK20-004	108	109	1	D137577	27.9	93.4	6	46.7	15.85	1	752	0.09	7.2	1.4	8.29	1.52	5	0.46	99.04	3.32	93	3	33.9	2.97	33	283									0.010765	0.01874	8.791563	0.009863	9.433191	0.066928	
HK20-004	109	110	1.07	D137578	73.4	78.4	15	37.5	32.1	2	1180	0.13	11.2	2.67	27.4	2.16	5	0.79	97.82	12.4	223	9	60.2	4.96	41	462									0.012918	0.039482	13.675765	0.018396	31.17846	0.213339	
HK20-004	110.1	111	0.93	D137579	40.5	61.3	14	35.4	20.6	2	1110	0.12	12.1	1.86	20.9	1.84	5	0.58	97.57	12.6	177	8	46.6	3.73	28	394									0.010765	0.033474	14.77471	0.013108	23.78211	0.10515	
HK20-																																									

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK20-004	139	140	1	D137599	Original		0.25	6.14	28	0.005	8150	0.9	24.8	0.25	912	44	150	0.023	2.39	88	35.1	15.5	14.5	10.9	13.5	41.3	2.6	5.95	2.87	16.55	609	70	1.31	8.30	0.64	123	0.40	385	298	152	2.21	70
HK20-004				D137600	Control	BLANK	0.25	0.07	2.5	0.005	1415	0.2	25.9	0.25	6.7	2	5	0.001	0.45	2	0.27	0.16	0.09	0.17	0.3	0.36	0.1	0.04	0.03	32.6	4.3	10	0.02	18.50	0.05	1	0.03	3	2.6	0.5	0.02	2
HK20-004	565	566	1	D137601	Original		0.25	9.07	17	0.005	2200	0.3	14.4	0.25	147.5	58	550	0.076	5.63	69	5.46	2.18	3.19	11.9	13.7	8.68	2.6	0.82	2.85	7.43	81.9	50	0.26	11.85	0.23	430	1.11	130	64.7	390	0.59	30
HK20-004	566	567	1	D137602	Original		0.25	9.3	10	0.0025	3320	0.4	15.5	0.25	376	47	470	0.064	3.45	81	10.3	4.28	6.05	11.3	15.1	16.6	5.3	1.69	3.95	7.44	219	80	0.49	12.00	0.33	86	0.97	199.5	145.5	290	1.22	37
HK20-004	567	568	1	D137603	Original		0.25	7.55	6	0.0025	5740	0.6	17.1	0.25	891	57	480	0.069	4.04	142	13.05	5.86	7.78	11.25	14.4	20.1	3.8	2.16	4.77	9.69	551	60	0.48	11.60	0.45	16	0.59	291	260	247	0.95	66
HK20-004	568	569	1	D137604	Original		0.25	7.76	21	0.0025	6140	0.6	18.5	0.25	915	42	300	0.044	3.15	103	18.95	8.89	11.65	10.9	18.5	28.1	4.9	3.26	4.59	15.55	554	70	0.84	10.45	0.44	13	0.58	345	292	151	1.34	131
HK20-004	569	570	1	D137605	Original		0.25	10.8	14	0.0025	4370	0.5	15.1	0.25	678	48	230	0.033	2.96	106	14.7	6.58	9.95	12	19.5	23.6	5	2.45	4.70	5.66	409	110	0.68	9.20	0.42	29	1.04	326	231	145	1.28	99
HK20-004	570	571	1	D137606	Original		0.25	11.55	21	0.0025	4040	0.4	15.5	0.25	737	35	100	0.015	3.25	60	20	9.3	11.8	12.1	17.9	29.5	3.9	3.46	4.93	6.46	452	90	0.95	7.25	0.50	34	1.18	536	252	70	1.67	75
HK20-004	571	572	1	D137607	Original		0.25	9.45	25	0.006	4540	0.5	15.3	0.6	649	51	120	0.018	2.8	107	18.25	7.7	10.25	14.75	14.9	25.1	2.2	3.03	4.34	7.3	403	80	0.75	7.07	0.55	31	1.32	526	221	99	1.21	147
HK20-004	572	573	1	D137608	Original		0.25	12.85	11	0.005	2700	0.3	13.0	0.25	529	30	110	0.017	3.58	42	12.75	5.72	8.17	9.45	18.7	19.75	3.9	2.14	4.45	5.28	294	80	0.67	6.07	0.37	54	2.23	295	179.5	73	1.34	29
HK20-004	573	574	0.9	D137609	Original		0.25	9.94	18	0.005	6880	0.7	18.0	0.25	776	39	130	0.020	5.43	55	15.3	6.93	11.2	9.54	16.9	24.4	3.6	2.45	4.93	10.4	460	60	0.69	8.26	0.43	45	1.01	368	274	133	1.63	58
HK20-004	573.9	575	1.1	D137611	Original		0.25	5.63	16	0.005	4110	0.4	24.8	0.25	1225	43	200	0.029	2.81	63	30.4	14.55	16.6	10.7	14.7	42	3.5	5.22	3.46	17.8	723	40	1.28	8.21	0.44	26	0.26	671	407	126	2.55	33
HK20-004	575	576	1	D137612	Original		0.25	5.44	8	0.0025	4080	0.4	25.1	0.5	1465	74	160	0.024	6.51	96	32.4	15.35	18.5	12.2	17.4	46.5	2.2	5.56	4.03	16.35	835	60	0.94	6.67	0.38	10	0.24	750	477	153	2.63	41
HK20-004	576	577	1	D137613	Original		0.25	6.77	13	0.0025	3970	0.4	21.7	0.5	1205	53	230	0.034	6.43	58	25.9	12.25	15.5	13.45	16.1	37.7	2.3	4.53	4.45	15.35	685	60	0.9	7.88	0.48	29	0.35	548	394	130	1.68	32
HK20-004	577	578	1	D137614	Original		0.25	6.07	28	0.0025	3670	0.4	18.9	1.6	1160	100	170	0.025	8.23	150	28.8	13.65	15.95	16.25	18	39.9	2.5	4.97	4.44	11.55	644	50	0.83	8.11	0.43	236	0.22	845	387	205	2.62	58
HK20-004	578	579	1	D137615	Original		0.25	11.85	16	0.0025	3000	0.3	10.5	0.25	1590	54	30	0.005	7.67	63	21.9	9.42	15.2	13.15	23.4	33.9	3.7	3.51	5.13	7.63	798	120	0.63	7.92	0.40	18	1.73	1275	482	67	2.37	24
HK20-004	579	580	1	D137616	Original		0.25	10.7	26	0.005	2450	0.3	11.8	1	1760	73	20	0.003	5.69	76	24.2	10.15	16.6	15.85	22.2	37.8	3.7	3.84	4.36	7.89	890	80	0.7	7.18	0.40	21	1.72	1030	534	65	2.95	26
HK20-004	580	581	1	D137617	Original		0.25	10	26	0.0025	3330	0.4	10.8	0.9	1645	62	240	0.036	6.46	93	21.5	9.17	15	15.35	21.8	34.9	4.2	3.69	4.79	7.64	855	80	0.66	9.22	0.47	22	1.56	1080	498	119	2.05	17
HK20-004	581	582	1	D137618	Original		0.25	7.61	27	0.0025	4920	0.5	11.9	0.8	1840	57	440	0.065	8.39	79	41.5	17.6	25	17.5	21.9	63.6	5.2	6.98	5.68	4.5	943	50	0.95	11.60	0.56	8	0.51	1330	645	180	4.64	19
HK20-004	582	583	1	D137619	Original		0.25	9.15	26	0.0025	5100	0.5	11.7	0.8	1535	58	270	0.041	10.7	75	28.1	12.05	17.3	15.7	22.9	41.9	4	4.64	5.84	6.88	818	50	0.73	10.80	0.50	9	0.88	1145	495	152	2.84	24
HK20-004				D137620	Control	BLANK	0.25	0.1	2.5	0.0025	399	0.0	28.1	0.25	14.1	2	5	0.002	0.43	1	0.44	0.15	0.18	0.24	0.4	0.54	0.1	0.08	0.05	32.1	9	10	0.02	18.80	0.06	0.5	0.04	7.7	4.9	1	0.03	19
HK20-004	583	584	1	D137621	Original		0.25	6.32	43	0.009	2410	0.3	17.1	0.8	2260	60	120	0.019	4.11	109	46.8	19.85	27.1	13.9	19.3	68.3	4.3	7.6	2.91	16.25	1180	40	1.09	8.80	0.47	9	1.08	741	765	173	5.42	20
HK20-004	584	585	1	D137622	Original		0.25	8.22	31	0.005	4020	0.4	17.1	1.6	2820	59	190	0.028	8.53	79	55.3	23.1	33.6	12.9	23.4	82.5	3.4	9.12	4.70	7.21	1445	60	1.2	8.54	0.42	13	0.88	1250	934	161	6.48	24
HK20-004	585	586	1	D137623	Original		0.25	10.4	13	0.006	3380	0.4	13.3	0.25	1105	48	230	0.036	8.79	56	19.5	8.43	12.05	13.6	19.9	28.6	4	3.31	5.06	8.06	651	70	0.58	9.52	0.44	12	1.08	457	331	139	1.90	19
HK20-004	586	587	1	D137624	Original		0.25	10.2	97	0.005	3370	0.4	13.0	0.25	960	51	330	0.051	6.93	48	14.7	6.86	9.49	13.15	20.1	22.3	5.1	2.49	4.80	12.1	571	70	0.53	9.53	0.42	18	1.10	429	277	185	1.20	36
HK20-004	586	587	1	D137625	FieldDup		0.25	10.1	91	0.005	3310	0.4	12.6	0.25	944	51	340	0.050	6.8	47	14.7	6.71	9.38	12.95	20	21.8	5	2.45	4.69	12.35	563	70	0.53	9.21	0.41	17	1.08	415	274	181	1.23	34
HK20-004	587	588	1	D137626	Original		0.25	6.19	22	0.0025	4480	0.5	18.2	1.3	2550	88	240	0.036	6.98	127	54.8	24.1	32.3	15.4	21.9	80.9	4.2	9.26	4.10	11.85	1330	30	1.35	9.13	0.51	17	0.39	1105	875	157	5.82	23
HK20-004	588	589	0.86	D137627	Original		0.25	7.58	25	0.006	4750	0.5	17.0	0.9	2450	54	260	0.040	6.54	111	51.4	22.2	30	12.5	25.3	73.6	6.4	8.54	5.25	8.41	1295	60	1.49	10.25	0.47	22	0.46	1355	827	107	5.20	23
HK20-004	588.9	590	0.77	D137628	Original		0.25	6.81	17	0.0025	2900	0.3	20.6	0.25	1715	40	150	0.023	6.97	48	27.2	12.15	17.75	13.55	18.8	41.5	5.2	4.6	3.93	14.25	883	40	0.73	7.53	0.58	13	0.77	935	532	75	2.61	8
HK20-004	589.6	591	1.37	D137629	Original		0.25	8.79	16	0.0025	4290	0.4	14.0	0.8	2160	53	230	0.033	8.88	115	34.7	14.95	21.8	15.1	23.2	51.9	7	5.72	4.81	6.89	1120	50	0.83	9.17	0.52	21	1.13	1345	686	95	2.96	23
HK20-004				D137630	Control	OREAS 520	0.25	10.95	160	0.175	8910	0.9	5.9	0.25	81.9	199	40	0.007	0.78	2870	4.04	2.42	1.3	24.2	20.6	4.02	3.5	0.76	4.04	5.54	84.2	20	0.32	2.10	0.32	60	1.85	6.7	23.7	74	0.18	4
HK20-004	591	592	1.34	D137631	Original		0.25	9.75	19	0.0025	3150	0.3	11.7	0.5	1430	53	250	0.037	7.31	82	27.3	11.95	16.35	16.6	23	39.4	5.4	4.6	4.40	8.9	750	80	0.81	8.72	0.39	14	0.99	1350	465	125	2.55	13
HK20-004	592.3	594	1.34	D137632	Original		0.25																																			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	47	48	1	D137655	Original		0.25	8.57	5	0.0025	2660	0.3	12.1	0.25	1230	68	250	0.034	4.52	62	24.7	10.2	14.15	16.15	17.7	38	5.7	4.01	2.64	12.65	654	80	0.85	14.05	0.24	2	0.15	341	427	251	2.61	4
HK21-005	48	49	1	D137656	Original		0.25	9.73	9	0.0025	5210	0.6	10.5	0.25	1420	55	300	0.039	5.81	47	29.3	12.2	17.1	16.2	20.1	45.2	6	4.81	3.72	10.25	780	90	1.01	13.65	0.31	1	0.19	424	495	218	2.34	6
HK21-005	49	50	1	D137657	Original		0.25	9.12	2.5	0.005	2140	0.2	14.0	0.25	407	61	220	0.029	3.49	80	10.05	3.5	6	13.85	14.1	16.35	4.7	1.56	2.71	10.85	201	70	0.34	14.85	0.16	1	0.18	226	166	190	2.34	2
HK21-005	50	51	1	D137658	Original		0.25	8.93	6	0.0025	3510	0.4	13.6	0.25	1750	47	220	0.029	3.95	61	29.6	11.8	18.3	14.55	18.4	46.8	3.4	4.69	3.47	11.4	986	70	0.96	12.30	0.28	2	0.62	360	578	179	2.58	8
HK21-005	51	52	1	D137659	Original		0.25	8.45	9	0.005	3870	0.4	14.9	0.25	910	46	200	0.028	4.75	80	17.4	7.11	11.15	13.5	15.2	29.1	3.6	2.82	3.51	13.45	554	70	0.58	12.05	0.25	3	0.25	277	304	160	2.21	7
HK21-005				D137660	Control	BLANK	0.25	0.12	2.5	0.0025	238	0.0	29.1	0.25	11.3	0.5	5	0.001	0.33	1	0.33	0.09	0.14	0.21	0.3	0.42	0.1	0.05	0.05	41.9	6.7	10	0.02	21.20	0.06	0.5	0.03	3.7	4.3	1	0.04	2
HK21-005	52	53	1	D137661	Original		0.25	5.95	10	0.0025	3860	0.4	24.5	0.25	3250	34	150	0.021	6.79	58	43.2	17.2	29.2	10.5	24	70.8	2.9	6.86	3.17	19.75	2000	20	1.26	7.53	0.71	22	0.30	477	1005	132	2.24	18
HK21-005	53	54	1	D137662	Original		0.25	8.66	13	0.0025	6100	0.6	17.2	0.25	1975	45	250	0.034	3.87	47	38.1	15.65	22.9	13.25	20.3	58.9	5.1	6.12	4.21	10.1	1090	60	1.16	10.95	0.49	11	0.44	580	667	179	2.81	11
HK21-005	54	55	1	D137663	Original		0.25	9.09	11	0.0025	7420	0.8	13.2	0.25	1890	39	280	0.037	5.32	29	37.9	15.3	22.7	16.45	22.9	58	4.9	5.97	4.48	7.33	984	50	1.16	11.00	0.66	16	0.61	1045	660	175	2.12	8
HK21-005	55	56.4	1.41	D137664	Original		0.25	8.37	18	0.005	5970	0.6	16.6	0.25	1830	44	280	0.036	4.08	45	33.3	13.35	20.6	11.25	21	51.9	4.2	5.33	3.55	14.05	1005	30	1.09	9.54	0.61	44	0.34	545	616	198	1.95	17
HK21-005	56.41	57	0.59	D137665	Original		0.25	13.45	2.5	0.0025	1285	0.1	9.5	0.25	181.5	49	280	0.036	1.57	72	5.6	2.28	2.91	12.95	16.6	7.88	3.3	0.91	2.15	14.9	91.3	70	0.26	5.06	0.16	6	0.78	101.5	73.4	191	1.21	8
HK21-005	57	58	1	D137666	Original		0.25	11.95	8	0.0025	5570	0.6	12.6	0.25	592	39	380	0.050	1.54	32	13.95	5.86	7.62	13.4	21.5	19.65	5.9	2.38	2.38	15.15	312	60	0.6	7.04	0.43	18	0.57	568	211	192	0.93	7
HK21-005	58	59.3	1.32	D137667	Original		0.25	13.7	2.5	0.0025	968	0.1	12.4	0.25	119	51	390	0.051	0.49	95	4.53	1.98	2.2	10.8	16.1	6	2.8	0.75	1.12	13	61.1	60	0.25	5.95	0.17	2	1.69	66.3	50.5	228	0.80	4
HK21-005	59.32	60.4	1.1	D137668	Original		0.25	13.1	46	0.0025	2600	0.3	13.5	1.6	592	62	90	0.012	2.5	88	13	5.81	7.09	8.03	16.6	18.4	5.2	2.16	2.40	15.85	341	150	0.74	4.53	0.36	50	2.49	597	195	255	0.42	47
HK21-005	60.42	62	1.58	D137669	Original		0.25	8.71	65	0.0025	9080	1.0	15.0	0.6	1560	73	530	0.071	4.57	85	30.7	12.45	17.85	11.95	22.9	47	4.2	4.89	4.18	11.35	804	70	1.11	10.05	0.59	29	0.44	1360	545	272	1.62	102
HK21-005				D137670	Control	OREAS 520	0.25	11.05	170	0.176	8680	0.9	6.2	0.25	82.3	214	50	0.006	0.71	3110	3.77	2.25	1.02	24.7	19.3	4.15	3.7	0.73	4.08	5.83	87.7	20	0.35	2.15	0.32	63	1.82	8.4	22.2	83	0.20	8
HK21-005	62	63	1	D137671	Original		0.25	8.97	28	0.0025	10000	1.3	15.1	0.25	2530	61	350	0.049	4.23	80	49	19.5	27.9	10.25	24.4	77.2	4.3	7.91	4.55	11.3	1350	40	1.42	11.25	0.52	24	0.38	889	870	231	3.04	111
HK21-005	63	64	1	D137672	Original		0.25	9.22	35	0.0025	6040	0.6	16.5	1.2	1580	46	300	0.039	4.83	47	30.4	12.75	17.05	13.7	22.8	45.5	5.5	4.82	4.55	12.95	867	40	1.13	8.32	0.64	29	0.64	801	531	216	1.80	18
HK21-005	64	65	1	D137673	Original		0.25	9.06	11	0.0025	9050	1.0	14.0	0.8	1695	33	290	0.038	5.89	24	33.6	14.2	19.35	14.6	21.4	52.2	5.9	5.55	5.17	9.52	927	60	1.14	11.35	0.77	12	0.51	673	584	180	1.92	24
HK21-005	65	66	1	D137674	Original		0.25	9.39	11	0.0025	9870	1.0	11.4	0.8	1550	40	310	0.041	7.52	52	31.1	12.7	17.6	14.35	21.2	46.1	4.8	5.13	5.51	8.49	869	50	0.97	13.70	0.77	11	0.39	531	528	204	1.55	35
HK21-005	65	66	1	D137675	FieldDup		0.25	9.29	12	0.0025	9670	1.1	11.7	0.7	1665	39	310	0.042	7.68	50	31	13.5	18.85	14.35	21.2	47.4	4.7	5.44	5.87	8.58	927	50	1.04	13.70	0.78	11	0.40	554	515	199	1.51	32
HK21-005	66	67	1	D137676	Original		0.25	10.1	7	0.0025	9420	1.1	12.7	0.9	2050	40	330	0.046	5.49	40	36.9	16.45	23	15.85	21.6	57.6	5.1	6.64	4.58	4.4	1115	50	1.36	12.65	0.73	7	0.75	567	636	219	2.03	22
HK21-005	67	68	1	D137677	Original		0.25	9.17	10	0.0025	6660	0.8	13.6	0.8	1330	32	320	0.044	4.68	26	24	10.95	14.75	14.75	19.9	37.3	5.2	4.24	4.35	12.2	719	70	0.95	11.70	0.80	17	0.51	705	418	169	1.04	20
HK21-005	68	69	1	D137678	Original		0.25	7.7	15	0.0025	5990	0.7	17.7	1.6	1640	30	280	0.039	4.56	15	29.9	13.8	17.75	13.2	22.9	45.2	4.2	5.44	4.51	15.6	921	50	1.08	10.80	0.77	81	0.36	437	504	178	1.28	34
HK21-005	69	70	1	D137679	Original		0.25	8.45	10	0.0025	9400	1.1	13.3	0.8	1980	50	450	0.060	5.67	52	34.5	15.85	21.8	14.3	21.8	53.4	4.5	6.19	4.64	5.4	1115	40	1.19	14.45	0.67	4	0.41	430	624	286	2.08	21
HK21-005				D137680	Control	BLANK	0.25	0.12	2.5	0.0025	229	0.0	29.3	0.25	13.9	0.5	5	0.001	0.46	2	0.3	0.16	0.16	0.18	0.3	0.45	0.1	0.06	0.06	33.5	7.7	20	0.02	21.30	0.06	0.5	0.05	3.6	4.5	2	0.03	8
HK21-005	70	71	1	D137681	Original		0.25	9.46	2.5	0.0025	7190	0.8	12.8	0.9	1525	37	360	0.048	5.21	26	26.9	12.4	17.35	16.8	20.2	42.2	5.3	4.81	3.97	3.81	832	50	1.07	11.55	0.81	6	0.89	553	468	186	1.31	24
HK21-005	71	72	1	D137682	Original		0.25	9.59	2.5	0.0025	5230	0.6	12.9	1.1	866	33	330	0.046	3.93	32	17.6	7.96	10.7	17.45	18	26.4	5.6	3.12	3.31	4.49	464	50	0.84	10.30	0.83	8	1.25	585	287	162	0.90	23
HK21-005	72	73	1	D137683	Original		0.25	10.1	2.5	0.005	5290	0.6	12.3	0.9	1150	35	330	0.044	4.62	45	22.8	9.89	14	16.85	19.4	35.4	6.1	4	3.61	3.71	595	40	0.93	10.40	0.81	6	1.12	677	380	171	1.19	21
HK21-005	73	74.1	1.09	D137684	Original		0.25	6.51	14	0.005	1740	0.2	24.2	2.5	1630	43	310	0.042	1.99	82	29.9	13.45	19.05	12.95	16.9	47.8	4.8	5.26	1.84	11.5	872	50	1.27	6.79	0.64	16	1.36	689	526	182	2.50	29
HK21-005	74.09	75	0.91	D137685	Original		0.25	10.25	2.5	0.0025	7210	0.8	11.6	1	491	34	410	0.054	5.83	40	10.2	4.75	6.09	15.15	17.9	15.35	4.4	1.85	4.02	5.07	267	30	0.55	11.50	0.71	8	1.23	667	159	175	0.43	15
HK21-005	75	76	1	D137686	Original		0.25	9.8	2.5	0.0025	10000	1.2	10.6	1	1025	38	350	0.047	6.84	42	19.9	8.82	12.25	15.5	20	31.2	5.1	3.49	5.32	4.29	523	20	0.75	13.55	0.70	8	0.54	822	343	187	1.26	18
HK21-005	76	77	1	D137687	Original		0.25	10.35	2.5	0.006	8380																															

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	96	97	1	D137709	Original		0.25	8.87	11	0.006	10000	1.9	6.1	3.9	2610	89	470	0.062	5.68	118	44.3	18.3	27.3	20.2	26	67.6	5.3	7.51	5.74	5.3	1305	20	1.37	14.75	0.68	7	0.27	1780	895	217	1.98	35
HK21-005				D137710	Control	OREAS 462	0.25	11.65	40		1070	0.1	1.8	0.25	5410	17	620	0.083	0.48	63	50.3	11.85	76.9	50.1	53.1	154	14.6	6.48	0.15	1.09	4020	10	0.64	1.86	0.12	48	0.23	1505	2800	149	1.18	129
HK21-005	97	98	1	D137711	Original		0.25	7.98	21	0.01	10000	1.5	12.5	1.5	4080	83	260	0.039	5.32	91	82.8	34.1	46.9	16.7	27.4	118.5	3.8	14.2	4.79	5.02	2130	20	2.27	12.00	0.56	9	0.40	1550	1450	224	6.51	70
HK21-005	98	99	1	D137712	Original		0.25	9.4	16	0.005	9630	1.0	13.2	1.9	2730	62	170	0.025	5.35	75	48.7	20.8	31.2	14.15	21.8	76	3	8.4	4.34	7.14	1415	70	1.53	9.96	0.58	14	1.03	1205	967	158	4.12	70
HK21-005	99	99.9	0.88	D137713	Original		0.25	3.85	6	0.006	6280	0.7	36.2	0.9	3540	28	110	0.015	2.34	18	51.6	24.6	32.1	6.65	17.6	73.7	0.9	9.38	2.19	26.7	2250	10	1.55	5.05	0.66	8	0.25	898	1055	76	2.76	84
HK21-005	99.88	101	1.17	D137714	Original		0.25	11	15	0.007	10000	1.4	10.1	0.7	2380	59	140	0.019	5.51	76	40.6	17.6	25.8	11.9	21.5	64	3.5	7.09	5.58	7.64	1245	40	1.36	13.15	0.51	10	0.74	1225	770	126	2.53	38
HK21-005	101.1	102	0.95	D137715	Original		0.25	8.31	18	0.006	10000	1.4	11.0	0.8	2060	58	310	0.042	6.8	66	37.6	16.15	23.5	17.5	24.3	59.3	3.5	6.61	5.35	10.05	1110	20	1.16	13.05	0.86	11	0.16	830	677	168	2.57	44
HK21-005	102	103	1	D137716	Original		0.25	7.98	5	0.0025	5000	0.5	12.6	3.5	1155	94	380	0.049	3.82	188	20.7	9.36	13.6	22.3	18.4	31.6	6.7	3.69	3.37	7.88	601	60	0.85	8.57	0.81	18	0.93	1650	372	377	0.43	66
HK21-005	103	104	1	D137717	Original		0.25	10.5	12	0.008	5860	0.6	10.3	2.2	1320	67	620	0.082	4.45	105	22.7	9.42	14.8	21.6	20.1	35.2	4.9	3.86	3.91	6.36	669	70	0.74	8.16	0.78	17	0.89	1200	428	257	1.70	34
HK21-005	104	105	1	D137718	Original		0.25	11.95	11	0.0025	3900	0.4	12.5	1.8	1210	40	450	0.061	3.99	58	20.3	9.1	13.25	15.95	20.8	30.8	5.1	3.56	3.82	8.91	657	70	0.8	7.22	0.65	105	1.39	1065	377	151	1.43	35
HK21-005	105	106	1	D137719	Original		0.25	17.15	13	0.009	1790	0.2	7.4	1.5	547	52	700	0.092	3.49	76	7.73	3.51	5.2	23.7	21.3	11.1	3.3	1.37	3.76	10	318	90	0.41	4.00	0.79	23	1.25	879	154.5	189	0.14	22
HK21-005				D137720	Control	BLANK	0.25	0.32	2.5	0.005	97.1	0.0	28.5	0.25	17.3	2	20	0.002	0.43	1	0.33	0.15	0.18	0.47	0.6	0.46	0.1	0.06	0.12	31.4	10.4	50	0.005	20.30	0.06	1	0.13	17.2	5.1	2	0.03	17
HK21-005	106	107	1	D137721	Original		0.25	14.4	11	0.0025	2260	0.2	11.9	1.6	661	28	400	0.054	4.14	36	9.59	4.43	6.19	12.55	16.7	13.7	3.9	1.72	3.19	11.85	392	60	0.58	5.66	0.55	34	1.88	656	182	98	0.12	17
HK21-005	107	108	1	D137722	Original		0.25	11.85	12	0.005	1870	0.2	15.3	1.5	1455	41	300	0.040	3.13	60	14	5.83	10.7	11.95	18	22	4.4	2.37	2.73	17.7	738	60	0.64	5.56	0.52	163	1.80	2090	404	150	0.14	28
HK21-005	108	109	1	D137723	Original		0.25	9.27	17	0.013	1425	0.2	14.9	1.8	604	118	540	0.071	1.9	251	12.05	5.72	7.12	19.8	14.9	16	7.3	2.13	2.38	11	322	70	0.84	6.66	0.71	19	0.83	1315	184	499	0.21	28
HK21-005	109	110	1	D137724	Original		0.25	8.67	12	0.005	4050	0.4	18.5	1.8	579	64	320	0.044	2.59	85	10.45	4.94	6.25	13.75	14	14.15	3.8	1.88	2.52	17.7	321	30	0.56	6.73	0.62	19	1.03	893	175.5	255	0.27	25
HK21-005	109	110	1	D137725	FieldDup		0.25	8.84	12	0.008	4330	0.5	18.1	1.8	575	62	330	0.045	2.82	80	10.25	5.18	6.13	13.75	14	14.1	3.9	1.9	2.60	17.55	317	30	0.57	6.87	0.62	17	1.01	891	174	242	0.27	24
HK21-005	110	111	1	D137726	Original		0.25	8.4	11	0.007	10000	1.5	14.0	1	2350	68	430	0.057	5.22	98	39.6	16.65	24.7	10.75	23.7	60.5	6	6.71	5.05	10.2	1190	10	1.28	12.65	0.62	4	0.18	1735	763	241	1.96	31
HK21-005	111	112	1	D137727	Original		0.25	7.69	17	0.0025	7300	0.8	13.7	1.8	949	87	550	0.071	3.4	136	20.8	9.48	12.25	18.75	20.1	30.1	8.7	3.71	3.29	8.84	464	20	1.02	9.86	0.72	5	0.47	896	329	304	0.88	22
HK21-005	112	113	1	D137728	Original		0.25	5.2	16	0.007	6820	0.7	13.6	1.6	470	120	660	0.088	2.35	202	12.15	5.58	6.72	27.9	21.7	16.7	7.6	2.17	2.30	9	228	10	0.72	7.63	0.96	14	0.15	749	167.5	400	0.32	26
HK21-005	113	114	1	D137729	Original		0.25	9.83	6	0.006	4320	0.5	16.0	1.7	1170	64	480	0.063	2.21	113	22.8	9.37	14	20.1	17.7	35.8	3.4	3.8	2.53	15	573	30	0.72	6.83	0.84	18	0.41	552	403	257	1.31	26
HK21-005				D137730	Control	OREAS 520	0.25	10.75	167	0.182	8630	0.9	5.9	0.25	84.7	212	40	0.006	0.79	3120	3.77	2.38	1.26	23.7	18.5	3.8	3.7	0.77	4.15	5.82	89.4	20	0.34	2.12	0.32	61	1.83	7.6	21.8	81	0.18	6
HK21-005	114	115	1.12	D137731	Original		0.25	14.3	15	0.005	6970	0.8	8.8	2.5	2680	53	440	0.061	4.59	88	48.8	20.2	32.5	18	26.9	80.4	4.2	8.34	4.74	8.01	1300	60	1.28	7.70	0.65	15	0.77	1160	1005	234	3.27	24
HK21-005	115.1	116	0.88	D137732	Original		0.25	12.95	10	0.0025	5890	0.6	11.3	1.2	1795	42	380	0.051	4.51	81	26.8	10.95	18.6	13.45	22.4	44.4	5.8	4.49	4.01	5.6	909	80	0.91	9.36	0.62	10	1.40	1080	571	194	1.57	21
HK21-005	116	117	1	D137733	Original		0.25	9.5	9	0.0025	4860	0.5	17.3	1.6	2210	36	210	0.029	3.43	47	34	13.6	23.3	13.9	22	53.9	5.9	5.71	3.46	10.2	1195	60	1.07	8.44	0.74	23	1.09	1740	672	150	1.15	55
HK21-005	117	118	1	D137734	Original		0.25	9.91	10	0.005	7220	0.8	11.9	1.5	2750	67	330	0.045	5.27	99	36.9	13.75	27.7	18.8	26	61.4	6.7	6.07	4.31	5.65	1340	30	1.02	10.10	0.76	7	0.91	2800	952	235	1.99	29
HK21-005	118	119	1	D137735	Original		0.25	14.4	5	0.0025	5650	0.6	10.4	1.3	1235	42	370	0.048	4.14	75	15.65	6.33	12	13	21.8	26	5.5	2.59	4.30	6.66	607	50	0.63	9.38	0.60	4	1.63	1520	382	145	0.51	18
HK21-005	119	120	1	D137736	Original		0.25	9.53	2.5	0.0025	9160	1.0	11.4	1.2	2270	72	240	0.032	4.47	119	28.7	10.9	21.7	16.4	23.6	49	6.4	4.75	4.16	5.74	1060	20	0.93	11.90	0.63	5	0.63	2500	734	213	0.98	27
HK21-005	120	121	1	D137737	Original		0.25	10	5	0.0025	8310	0.9	11.0	1.6	1955	67	470	0.068	4.49	116	27.7	11.3	19.95	15.85	21.1	46.4	4.7	4.67	3.94	5.8	928	20	0.95	10.65	0.68	6	0.93	1805	636	243	1.19	23
HK21-005	121	122	1	D137738	Original		0.25	11.1	2.5	0.008	5470	0.6	12.8	1.5	2300	64	450	0.060	3.33	116	36.9	15	25.1	18.65	23.8	60.7	4.3	6.23	3.53	7.12	1145	30	1.17	8.60	0.75	5	0.81	1505	760	264	2.17	28
HK21-005	122	123	1	D137739	Original		0.25	12.3	2.5	0.006	7070	0.8	9.3	1.6	1265	52	570	0.077	3.77	78	18.95	8.21	12.95	20.2	21.6	30.3	5.1	3.2	4.35	5.39	618	30	0.71	9.78	0.86	7	0.88	1335	405	230	0.94	20
HK21-005				D137740	Control	BLANK	0.25	0.15	2.5	0.005	1650	0.2	27.7	0.25	17.7	1	5	0.001	0.38	2	0.42	0.23	0.19	0.2	0.3	0.64	0.1	0.08	0.05	38.3	9.2	10	0.01	21.40	0.06	0.5	0.03	12.2	6	3	0.02	4
HK21-005	123	124	1	D137741	Original		0.25	12.5	9	0.005	1315	0.2	14.9																													

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	143	144	1	D137763	Original		0.25	7.67	11	0.0025	10000	1.3	11.3	1.1	1280	58	290	0.043	5.11	78	25.9	11.2	15.85	16.45	17.1	38.8	6.3	4.36	4.96	4.27	601	30	0.91	14.15	0.80	6	0.38	934	429	148	1.44	21
HK21-005	144	145	1	D137764	Original		0.25	7.45	16	0.0025	4070	0.5	22.7	0.8	1775	50	280	0.041	3.56	44	28.2	12.1	18.65	13.5	16.7	45.1	3.8	4.76	3.85	14.75	974	50	0.97	7.54	0.71	14	0.75	1995	564	159	2.05	48
HK21-005	145	146	0.77	D137765	Original		0.25	9.85	8	0.005	9180	1.1	11.0	1.4	1685	54	460	0.067	4.77	78	35	14.25	21.2	21.2	20.4	56.9	4.9	5.73	4.52	4.33	852	30	0.93	10.45	0.88	5	0.55	767	588	215	2.34	16
HK21-005	145.8	147	1.23	D137766	Original		0.25	12.05	13	0.0025	5720	0.7	11.2	0.6	1810	46	300	0.045	3.75	62	36.4	15.15	22.5	21.8	21	58.7	3.9	6.17	4.17	6.22	926	40	1.01	7.88	0.81	8	0.86	894	632	188	3.15	109
HK21-005	147	148	1	D137767	Original		0.25	14.65	13	0.0025	4390	0.5	6.8	0.25	1415	50	430	0.064	2.96	62	25.6	10.9	16.55	29.3	24	42.4	4.1	4.15	4.30	4.65	636	60	0.62	5.76	0.98	9	0.61	1325	490	172	2.07	11
HK21-005	148	149	1	D137768	Original		0.25	7.41	9	0.0025	10000	1.2	12.4	0.7	1295	56	290	0.042	4.79	73	25.1	11.4	15.95	21.1	19.5	40.5	6.2	4.26	4.13	3.98	604	10	0.83	12.25	0.98	4	0.33	825	441	215	1.40	11
HK21-005	149	150	1	D137769	Original		0.25	6.87	6	0.005	9920	1.2	11.7	1.7	1455	81	340	0.051	4.35	154	28.3	12.5	17.85	22.2	17.4	44	6.4	4.83	3.74	5.21	706	20	0.92	11.90	0.91	16	0.49	846	492	370	1.94	16
HK21-005				D137770	Control	OREAS 520	0.25	10.8	171	0.178	8360	0.9	6.0	0.25	82.7	214	50	0.007	0.8	3090	4.01	2.23	1.29	24.4	20	4.03	3.8	0.76	4.15	6.3	85.3	20	0.33	2.10	0.33	62	1.87	6.6	22.1	83	0.19	7
HK21-005	150	151	1	D137771	Original		0.25	8.13	9	0.006	10000	1.5	9.2	1.4	1840	71	320	0.044	5.53	123	37.2	15.75	22.2	21.2	19.9	59.5	5.7	6.09	4.75	4.37	948	10	1.17	13.10	0.90	3	0.30	881	636	268	2.33	8
HK21-005	151	152	1	D137772	Original		0.25	7.38	9	0.0025	9930	1.2	6.7	2.5	1005	136	330	0.049	4.55	258	18.85	8.08	11.5	30.8	19.2	31.1	5.2	3.22	4.15	6	456	20	0.57	11.00	1.02	8	0.36	1155	337	546	1.19	11
HK21-005	152	153	1	D137773	Original		0.25	3.96	10	0.0025	1320	0.2	21.2	2	2320	118	110	0.016	1.35	199	33.8	13.4	23.3	16.6	14.5	52.4	9.1	5.49	1.51	8.33	1100	50	1.2	7.50	0.72	14	0.79	5900	719	350	2.45	24
HK21-005	153	154	0.85	D137774	Original		0.25	6.43	9	0.005	4460	0.5	23.8	1.3	2870	48	220	0.033	1.42	82	36	15.25	24.4	12.75	15.9	57.2	3.7	5.89	1.86	16.35	1775	30	1	5.42	0.65	53	1.22	1915	813	149	2.49	134
HK21-005	153	154	0.85	D137775	FieldDup		0.25	6.65	11	0.0025	4430	0.6	23.3	1.3	2660	50	230	0.035	1.41	83	35.3	15.6	24	13.3	15.7	54.9	3.8	5.8	1.94	16.05	1625	30	1.04	5.67	0.66	53	1.20	2000	752	156	2.44	124
HK21-005	153.9	155	1.15	D137776	Original		0.25	7.57	12	0.005	10000	1.3	13.9	1.1	1330	62	670	0.094	4.4	72	25.4	12	14.35	15.4	15.1	37.3	4	4.41	3.84	6.69	705	20	1.03	13.10	0.75	6	0.30	382	415	459	1.16	21
HK21-005	155	156	1	D137777	Original		0.25	8.88	12	0.005	9750	1.1	11.9	1	1840	45	520	0.077	4.42	66	33.1	14.35	19.6	17.1	18.4	51	4.5	5.69	4.17	4.68	984	40	1.03	12.20	0.74	5	0.60	685	594	300	1.72	20
HK21-005	156	157	0.78	D137778	Original		0.25	2.53	30	0.0025	3710	0.5	23.8	1.1	8010	60	160	0.026	1.74	82	160	68.6	94.6	20.1	25.3	248	4.7	26.7	1.53	3.95	4210	10	4.22	7.58	0.79	5	0.43	544	2800	208	12.00	56
HK21-005	156.8	158	1.22	D137779	Original		0.25	4.87	26	0.0025	8310	0.9	21.4	1	7910	43	230	0.036	3.13	47	156.5	68.2	92	16	37.5	239	3.4	26.2	3.01	3.21	4220	20	4.28	10.30	0.69	6	0.40	519	2800	196	11.30	48
HK21-005				D137780	Control	BLANK	0.25	0.15	2.5	0.0025	1730	0.2	26.1	0.25	65.7	0.5	5	0.001	0.87	1	1.46	0.59	0.94	0.28	0.3	2.24	0.1	0.24	0.06	31.5	34.5	10	0.04	18.75	0.06	0.5	0.03	7.3	23	2	0.09	3
HK21-005	158	159	1	D137781	Original		0.25	6.99	22	0.005	9250	1.0	15.6	1	3810	44	500	0.072	4.07	52	73.5	31.5	43.1	16.35	27.7	114	4.4	12.35	3.89	4.32	2060	40	2.27	11.60	0.73	5	0.67	619	1220	287	5.12	37
HK21-005	159	160	1	D137782	Original		0.25	8.41	39	0.0025	10000	1.2	13.9	1.1	2490	65	260	0.039	4.85	94	46.2	20.2	28.5	12.8	23.1	71.5	3.6	7.5	4.80	6.77	1335	30	1.34	13.05	0.66	8	0.61	974	801	230	3.46	24
HK21-005	160	161	1	D137783	Original		0.25	4.13	25	0.0025	459	0.1	23.4	0.25	1170	36	120	0.018	1.31	62	21.1	9.15	12.65	12.85	12.8	32.1	2.2	3.47	0.73	26.9	629	20	0.66	8.93	0.71	64	0.06	605	357	116	1.55	22
HK21-005	161	162	1	D137784	Original		0.25	7.22	37	0.0025	9080	1.0	17.8	0.25	5060	76	210	0.032	3.4	152	109.5	48.7	62.3	14.15	30.8	165	4.5	18.5	3.04	9.06	2740	30	3.26	8.14	0.41	33	0.10	1385	1660	264	8.20	53
HK21-005	162	163	1.32	D137785	Original		0.25	8.65	14	0.0025	10000	1.4	13.7	0.25	3660	64	220	0.034	4.64	91	68.5	30.1	40.4	13.4	27.4	106	4.9	11.35	4.51	7.67	2020	20	2.03	11.40	0.55	8	0.22	1045	1175	190	4.84	23
HK21-005	163.3	164	1.05	D137786	Original		0.25	13.15	8	0.005	5070	0.5	12.7	0.25	1425	41	180	0.026	3.35	77	21.3	9.14	13.7	11.9	21.4	32.9	3.5	3.63	3.47	7.92	792	130	0.79	8.17	0.46	12	0.99	677	418	143	1.47	12
HK21-005	164.4	165	0.63	D137787	Original		0.25	11.9	15	0.0025	10000	1.2	11.9	0.25	3070	51	170	0.027	3.38	31	57.4	23.9	35.2	12.45	22.4	88.9	2.4	9.2	5.16	9.16	1710	50	1.65	9.56	0.43	12	0.45	1070	969	127	3.99	26
HK21-005	165	166	1	D137788	Original		0.25	7.52	23	0.0025	6960	0.7	15.8	0.25	3200	69	200	0.031	2.72	51	63.6	27.8	38	15.85	23	98.4	2.8	10.75	3.16	12.95	1685	30	1.83	9.01	0.52	41	0.12	990	1055	210	4.29	42
HK21-005	166	167	1	D137789	Original		0.25	6.42	16	0.0025	10000	1.2	15.5	0.25	3790	75	290	0.044	4.33	101	79.9	34.8	46.8	18.15	27.1	122.5	4	13.3	4.16	7.41	1985	20	2.37	11.90	0.76	12	0.21	760	1270	220	5.02	29
HK21-005				D137790	Control	OREAS 462	0.25	11.5	46		1045	0.1	1.9	0.25	5000	20	600	0.087	0.38	63	52.6	12.65	75.3	50.5	48.3	156.5	13.5	6.45	0.16	1.05	3710	10	0.67	1.86	0.13	49	0.24	1445	2620	149	1.17	127
HK21-005	167	168	1	D137791	Original		0.25	8.98	9	0.005	9850	1.0	12.5	0.25	2720	54	360	0.053	4.49	76	38	15.75	25.4	14.1	25.1	63.4	5.2	5.86	4.50	8.85	1490	40	1.04	11.60	0.63	11	0.38	1390	817	231	1.69	18
HK21-005	168	169	1	D137792	Original		0.25	9.07	14	0.0025	10000	1.3	12.9	0.25	3760	33	280	0.043	5.05	37	71.6	30.7	42.5	14.55	28.7	111	4.1	11.8	5.07	5.43	1995	40	2.06	12.65	0.67	5	0.34	983	1220	138	4.93	21
HK21-005	169	170	1	D137793	Original		0.25	7.66	13	0.0025	10000	1.4	13.5	0.25	4050	52	150	0.023	5.85	64	72.7	30.7	44.3	13.75	30	114	4.4	12.1	4.84	6.69	2130	10	2.04	12.95	0.67	5	0.20	1355	1325	227	5.05	26
HK21-005	170	171	0.61	D137794	Original		0.25	8.71	18	0.0025	9070	0.9	14.4	0.25	4420	63	320	0.048	3.97	107	94.5	40.5	52.6	12.45	29.4	138.5	4.3	15.75	4.25	7.52	2360	40	2.67	10.35	0.41	10	0.22	1355	1455	313	7.08	39
HK21-005	170.6																																									

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	190	191	1	D137817	Original		0.25	5.46	19	0.0025	8900	1.0	14.9	1.4	1320	59	600	0.081	5.33	45	24.5	10.65	15.8	21.3	23	39.3	4.1	4.21	4.04	6.82	764	30	0.85	10.45	0.91	4	0.88	753	421	156	3.08	31
HK21-005	191	192	1	D137818	Original		0.25	6.38	14	0.0025	7640	0.9	12.9	1	1765	73	470	0.072	4.78	72	34	13.85	21.6	20.3	22	54.9	3.9	5.65	3.92	5.98	911	40	0.98	10.60	0.78	11	0.41	988	597	201	2.93	23
HK21-005	192	193	1	D137819	Original		0.25	8.74	25	0.0025	6890	0.8	10.5	4.1	1315	74	620	0.087	5.5	68	16.65	7.26	11.15	15.3	19.9	25.8	3.4	2.78	5.51	7.72	703	70	0.59	10.85	0.64	21	0.72	1500	377	305	0.43	173
HK21-005				D137820	Control	BLANK	0.25	0.09	2.5	0.0025	93.4	0.0	24.9	0.25	12.6	0.5	10	0.001	0.28	3	0.26	0.12	0.14	0.28	0.7	0.39	0.1	0.04	0.05	24.7	7.2	30	0.005	22.50	0.07	0.5	0.03	9.3	4.1	4	0.02	4
HK21-005	193	194	1	D137821	Original		0.25	7.21	19	0.006	2520	0.3	17.6	1.3	2610	84	330	0.045	1.92	128	31.8	13.7	21.8	16.9	21.3	51.6	6.3	5.66	2.78	11.3	1815	60	1.19	6.51	0.71	23	0.95	1210	679	206	1.63	178
HK21-005	194	195	0.55	D137822	Original		0.25	7.34	19	0.007	2080	0.2	14.0	4.4	4470	144	340	0.047	2.26	250	56.3	19.8	39.3	17	26.4	90.5	5.5	9.05	2.40	10.5	2250	30	1.38	7.09	0.50	14	1.00	4200	1375	308	0.84	726
HK21-005	194.6	195	0.85	D137823	Original		0.25	16.6	10	0.0025	3300	0.4	8.8	1.2	630	24	80	0.012	3.56	34	10.25	4.79	6.47	8.47	17.2	15.35	4.3	1.81	4.46	7.69	345	60	0.58	3.53	0.33	13	4.25	568	190.5	60	0.62	123
HK21-005	195.4	196	1.03	D137824	Original		0.25	16.05	10	0.0025	3270	0.4	8.2	0.5	713	28	110	0.015	2.66	44	12.3	5.7	7.5	10.95	18.9	18.35	4.9	2.14	4.54	7	384	70	0.68	4.33	0.37	16	3.77	731	217	74	0.66	32
HK21-005	195.4	196	1.03	D137825	FieldDup		0.25	16.05	9	0.0025	3240	0.4	8.2	0.5	670	28	100	0.014	2.74	40	12.1	5.69	7.16	10.9	17.8	18.05	4.8	1.94	4.53	6.99	348	60	0.58	4.29	0.38	16	3.77	701	207	74	0.67	25
HK21-005	196.4	197	0.57	D137826	Original		0.25	6.75	14	0.005	4440	0.4	13.2	2.7	3680	151	250	0.035	3.08	221	46.9	16.75	32.7	18	25.9	76.5	4.4	7.25	2.82	9.03	1890	40	1.15	8.08	0.52	15	0.78	3500	1070	429	1.26	34
HK21-005	197	198	1	D137827	Original		0.25	5.25	10	0.0025	3390	0.3	17.4	4.2	2760	106	220	0.031	2.35	143	27.9	10.45	21.9	13.85	20.8	48.6	6.5	4.36	2.31	8.1	1365	50	0.95	8.87	0.54	23	1.00	4000	797	246	1.02	24
HK21-005	198	199	1	D137828	Original		0.25	5.32	7	0.006	4960	0.5	14.8	2.6	1670	108	290	0.041	3.14	156	25.5	10.25	16.75	20.6	19.9	40.1	7.3	4.15	2.43	6.03	840	30	0.99	10.55	0.83	9	0.65	1745	525	299	1.05	16
HK21-005	199	200	1	D137829	Original		0.25	5.35	6	0.0025	6490	0.7	14.9	1.4	1280	62	700	0.092	3.55	78	27.1	11.7	16.35	24.8	24.1	41.9	5	4.55	2.79	4.35	682	30	0.95	9.89	1.12	12	0.58	678	439	168	2.03	18
HK21-005				D137830	Control	OREAS 520	0.25	11.1	168	0.174	8830	1.0	6.2	0.25	86	214	40	0.006	0.76	3120	3.6	2.34	1.39	24.7	20	4.29	3.6	0.85	4.27	5.53	89.9	20	0.35	2.16	0.33	64	1.84	8	23	84	0.17	6
HK21-005	200	201	1	D137831	Original		0.25	6.96	8	0.008	4880	0.6	15.1	1.5	1830	73	360	0.055	2.96	112	24.6	10.15	16.7	19.7	21.7	39.3	6.4	3.92	2.50	5.86	907	40	0.86	9.70	0.85	11	1.01	1615	570	234	1.14	24
HK21-005	201	202	1	D137832	Original		0.25	9.69	8	0.005	5280	0.6	12.4	1.8	1830	74	230	0.033	3.12	110	21.8	8.72	16.25	19.25	24.3	37.2	6	3.45	3.01	6.81	930	50	0.8	9.44	0.78	17	1.32	1685	550	242	0.57	28
HK21-005	202	203	1	D137833	Original		0.25	7.04	7	0.005	6140	0.6	15.7	2.4	2440	93	310	0.045	3.67	144	33.1	13.4	22.9	17.7	23	53.7	6.3	5.38	2.92	7.32	1245	30	1.05	9.28	0.70	21	0.82	2140	758	363	1.46	37
HK21-005	203	204	1	D137834	Original		0.25	13.05	7	0.006	2170	0.2	14.3	1.6	1620	47	170	0.024	1.58	63	20.8	8.28	15.25	12.1	23.7	35.8	4.3	3.33	2.85	6.71	935	70	0.76	7.83	0.62	15	1.78	1070	478	104	0.70	28
HK21-005	204	205	1	D137835	Original		0.25	9.99	6	0.0025	2440	0.3	16.2	1	2460	53	80	0.011	1.76	75	22.7	8.11	19.5	10.95	21.6	40.5	6.8	3.43	2.10	8.29	1320	60	0.96	8.74	0.53	17	2.01	2020	698	151	0.19	35
HK21-005	205	206	1	D137836	Original		0.25	5.68	2.5	0.005	2080	0.2	18.3	1.5	1830	94	130	0.018	1.11	161	20.1	8.26	15.35	15.8	16.3	34.3	8.5	3.33	1.46	7.01	963	40	1.04	9.46	0.69	12	1.34	1635	533	351	0.13	37
HK21-005	206	207	1	D137837	Original		0.25	6.27	6	0.005	3210	0.4	17.5	1.7	1485	72	160	0.023	2.54	110	17.5	7.39	12.45	15.4	17	28.2	8.1	2.86	2.20	6.23	773	40	0.9	10.20	0.74	9	1.16	1555	435	244	0.20	29
HK21-005	207	208	1	D137838	Original		0.25	7.83	6	0.0025	3350	0.4	16.2	1.8	1075	67	350	0.051	2.37	109	17.9	7.75	11.95	17.35	18.3	28.5	7	3.01	2.48	6.2	546	50	0.88	9.25	0.77	9	1.05	1010	347	207	0.79	34
HK21-005	208	209	1.1	D137839	Original		0.25	9.23	11	0.0025	3350	0.4	16.0	1.1	1725	61	170	0.025	2.19	84	21.9	8.54	16.1	15.85	20.5	36.9	5.7	3.53	2.70	8.81	901	60	0.76	7.76	0.68	29	1.14	1440	517	144	0.70	47
HK21-005				D137840	Control	BLANK	0.25	0.13	2.5	0.0025	112.5	0.0	29.6	0.25	14	0.5	5	0.001	0.2	1	0.25	0.16	0.12	0.21	0.7	0.39	0.1	0.04	0.04	35.3	7.5	10	0.01	21.30	0.06	0.5	0.03	10.8	4.5	2	0.01	4
HK21-005	209.1	210	0.9	D137841	Original		0.25	5.47	9	0.0025	3900	0.4	14.2	1.7	691	118	240	0.036	2.69	234	13.85	6.68	8.61	23.2	16.8	20.5	6.2	2.53	2.44	8.75	374	30	0.86	8.40	0.86	14	0.58	750	227	371	0.57	17
HK21-005	210	211	1	D137842	Original		0.25	8.62	6	0.005	3680	0.4	14.9	1.3	923	71	400	0.058	2.55	136	13.95	6.32	9.38	18	20.1	22.1	5	2.28	2.54	6.39	511	40	0.7	9.34	0.81	9	1.25	745	277	244	0.46	17
HK21-005	211	212	1	D137843	Original		0.25	7.47	6	0.0025	4520	0.5	16.0	1	1005	59	360	0.051	2.99	90	18.05	7.92	11.8	20.5	19.7	28.1	5.4	2.98	2.71	5.9	502	40	0.8	9.39	0.95	8	0.96	1085	333	222	1.03	12
HK21-005	212	213	1	D137844	Original		0.25	7.67	6	0.0025	4220	0.5	14.7	1.2	682	46	520	0.075	2.62	64	14.05	6.71	8.53	20.6	18.7	21	5.6	2.48	2.42	5.26	347	30	0.78	9.17	0.99	10	1.35	674	225	207	0.49	19
HK21-005	213	214	1	D137845	Original		0.25	11.7	2.5	0.0025	2520	0.3	13.7	0.9	1755	43	210	0.031	2	58	14	5.95	11.5	15.65	22	25.5	5.6	2.41	2.77	6.3	1145	80	0.63	7.54	0.75	12	1.65	1425	441	203	0.27	16
HK21-005	214	215	1	D137846	Original		0.25	9.88	2.5	0.0025	2020	0.2	13.3	0.6	740	39	270	0.042	2.08	52	10.25	4.49	6.6	17.8	18.7	15.1	5.7	1.71	2.61	5.44	384	60	0.63	8.03	0.87	11	1.35	674	219	162	0.26	14
HK21-005	215	216	1	D137847	Original		0.25	10.4	13	0.0025	2570	0.3	13.7	1.2	1570	67	140	0.020	2.24	107	18.6	7.59	13.85	17.85	21.8	31.1	5.8	3.06	2.76	7.39	845	40	0.66	8.00	0.74	22	1.43	1415	460	159	0.58	20
HK21-005	216	218	1.53	D137848	Original		0.25	7.93	9	0.0025	10000	1.1	16.3	0.9	1370	43	350	0.055	5.28	55	20.4	9.32	12.8	13.7	17.5	30.8	3.9	3.64	4.26	9.56	823	30	0.75	11.45	0.80	11	0.45	461	406	320	0.82	64
HK21-005	217.5	219	1.47	D137849	Original		0.25	6.16																																		

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	237	238	1	D137871	Original		0.25	2.61	18	0.0025	1440	0.2	28.7	2.8	3040	53	270	0.041	1.53	83	46.1	18.6	32.2	9.71	17	75.4	7.1	7.88	1.51	11.95	1540	50	1.45	6.79	0.57	7	1.27	2500	1040	231	8.03	70
HK21-005	238	239	0.65	D137872	Original		0.25	0.6	9	0.0025	1730	0.2	47.9	0.9	1345	24	130	0.020	0.51	30	23	11.45	14.1	3.21	6.1	33.7	2.8	4.31	0.39	33.9	836	10	1.12	2.47	0.45	18	0.30	607	389	91	1.34	33
HK21-005	238.7	240	1.35	D137873	Original		0.25	19.35	2.5	0.0025	762	0.1	4.6	0.25	266	5	5	0.002	1.58	5	3.91	2.56	1.91	4.64	23.9	4.97	7.9	0.85	8.51	6.87	158.5	40	0.46	1.05	0.16	6	2.11	233	67.1	4	0.28	23
HK21-005	240	241	1	D137874	Original		0.25	20	6	0.0025	1035	0.1	3.5	0.25	182.5	7	5	0.002	1.49	6	3.44	2.15	1.56	4.84	22.7	4.49	7.3	0.74	8.37	6.08	113	50	0.4	0.95	0.13	11	2.35	197.5	48.4	2	0.24	19
HK21-005	240	241	1	D137875	FieldDup		0.25	19.5	6	0.0025	1005	0.1	3.2	0.25	179	7	5	0.002	1.46	5	3.27	2.06	1.44	4.64	22.7	4.1	7.2	0.67	8.11	6.03	109	50	0.4	0.94	0.12	10	2.27	196.5	46	2	0.22	16
HK21-005	241	242	1	D137876	Original		0.25	20.1	2.5	0.0025	1115	0.1	3.2	0.25	174.5	6	5	0.002	1.54	6	2.96	1.98	1.41	4.52	23.7	3.65	7.2	0.64	8.52	5.83	107.5	40	0.38	0.91	0.10	8	2.31	197.5	45	0.5	0.21	10
HK21-005	242	243	1	D137877	Original		0.25	20	2.5	0.0025	1105	0.1	3.9	0.25	186.5	4	5	0.002	1.85	5	3.07	2.09	1.36	4.45	23.5	3.58	7.2	0.66	7.72	6.45	111.5	50	0.39	0.92	0.11	5	2.48	197.5	44.5	1	0.22	12
HK21-005	243	244	1	D137878	Original		0.25	19.9	5	0.005	935	0.1	5.4	0.25	191.5	4	5	0.002	1.68	5	3.68	2.3	1.56	3.97	22	4.3	7.2	0.78	7.61	7.56	115	40	0.4	0.91	0.15	13	2.47	203	47.2	1	0.24	13
HK21-005	244	245	1	D137879	Original		0.25	20.1	2.5	0.0025	1025	0.1	5.1	0.25	204	4	5	0.002	1.83	5	4.3	2.65	1.6	3.64	23.7	4.79	7.4	0.91	7.45	7.79	125	40	0.43	0.88	0.13	22	2.36	210	49.7	1	0.22	15
HK21-005				D137880	Control	BLANK	0.25	0.56	2.5	0.0025	249	0.0	28.8	0.25	6.2	0.5	5	0.002	0.22	1	0.16	0.1	0.05	0.2	0.7	0.19	0.2	0.03	0.20	43.5	3.7	10	0.01	22.20	0.09	1	0.06	6.3	1.8	0.5	0.01	1
HK21-005	245	246	1	D137881	Original		0.25	20.4	7	0.0025	698	0.1	3.5	0.25	165.5	3	5	0.002	1.62	3	3.86	2.46	1.41	3.39	23.9	3.8	8.4	0.8	9.07	6.16	105.5	40	0.45	0.74	0.14	12	1.96	189.5	39.8	0.5	0.13	11
HK21-005	246	247	0.75	D137882	Original		0.25	18.4	2.5	0.0025	543	0.1	3.7	0.25	536	5	5	0.002	1.94	5	9.01	5.59	4.38	4.01	21.6	10.75	7.7	1.77	9.81	6.26	383	30	0.69	1.29	0.12	2	1.45	212	140	7	0.18	10
HK21-005	246.8	247	0.64	D137883	Original		0.25	2.24	41	0.0025	1665	0.2	27.4	0.5	6130	12	5	0.002	0.27	10	77.4	32.4	54.8	9.27	26	128.5	0.4	13.2	1.00	32.2	4100	10	2.22	10.40	0.85	27	0.40	500	1920	64	2.29	47
HK21-005	247.4	249	1.2	D137884	Original		0.25	7.57	14	0.0025	4130	0.4	16.7	1.1	1545	39	310	0.044	3.48	43	27.6	12.95	16.5	16.05	20.6	40.6	5.8	4.99	3.56	15.15	1025	50	1.19	8.14	0.92	26	0.74	525	458	160	1.11	95
HK21-005	248.6	250	1.41	D137885	Original		0.25	7.45	7	0.0025	3270	0.4	18.0	2.3	1545	42	380	0.055	2.55	53	17	6.98	13.05	14.2	20.5	29.6	7.1	2.98	2.59	10.3	836	60	0.87	8.19	0.75	20	1.33	1595	472	155	0.24	65
HK21-005	250	251	1.21	D137886	Original		0.25	6.07	2.5	0.0025	2240	0.2	15.4	2.5	778	67	590	0.081	2.23	132	13.55	5.91	8.42	20.9	18.6	20.1	9.1	2.36	2.07	6.02	437	30	0.89	8.69	0.97	17	1.08	766	256	286	0.31	36
HK21-005	251.2	252	0.79	D137887	Original		0.25	8.53	2.5	0.0025	5330	0.6	14.7	1.2	487	38	790	0.112	3.66	49	8.24	3.82	5.32	15.3	17.5	13.3	5.2	1.53	3.56	8.08	288	40	0.51	10.15	0.78	17	1.02	474	152	344	0.16	23
HK21-005	252	253	1	D137888	Original		0.25	8.68	7	0.0025	4400	0.5	15.9	2.2	1680	47	400	0.058	3.67	73	25	10.55	16	15.95	21.8	39	7.1	4.22	3.42	7.75	1085	40	0.93	9.18	0.78	10	0.99	730	509	246	1.14	114
HK21-005	253	254	1	D137889	Original		0.25	8.7	9	0.0025	7400	0.8	13.2	1.1	1090	47	470	0.069	4.42	65	21.3	9.06	12.7	14.5	19.8	32.8	6.5	3.82	4.42	7.08	668	40	0.82	11.45	0.70	11	0.65	428	353	238	1.32	40
HK21-005				D137890	Control	OREAS 462	0.25	11.4	37		1130	0.1	1.9	0.25	5170	18	640	0.088	0.45	60	55.5	12.95	81.3	49.2	58.1	174.5	13.7	7.03	0.15	1.24	4060	10	0.68	1.83	0.13	47	0.25	1535	2890	143	1.15	135
HK21-005	254	255	1	D137891	Original		0.25	7.76	5	0.0025	2900	0.3	17.0	1.7	1210	60	510	0.072	2.52	88	15	6.45	10.8	18	21.1	24.7	6	2.68	2.86	10.1	667	50	0.77	7.93	0.82	13	0.95	1120	377	245	0.48	61
HK21-005	255	256	1	D137892	Original		0.25	8.2	5	0.005	3150	0.4	16.6	1.3	1695	53	410	0.059	2.94	70	15.7	6.36	12.3	16.05	22.6	27.4	6.4	2.43	3.14	7.87	849	50	0.7	8.71	0.74	17	1.10	1950	512	194	0.26	29
HK21-005	256	257	1	D137893	Original		0.25	8.79	2.5	0.0025	2550	0.3	15.8	2.6	1805	55	380	0.055	2.26	93	19.55	7.99	14.7	16.7	21.5	33.1	6.7	2.93	2.70	6.94	930	60	0.66	8.26	0.72	19	1.30	1570	564	253	0.60	41
HK21-005	257	258	1	D137894	Original		0.25	8.75	2.5	0.0025	2730	0.3	16.2	1.4	1700	40	320	0.046	2.41	57	16.65	7.25	13.3	16.65	22	29.7	8.1	2.63	2.85	7.76	905	50	0.68	8.35	0.78	20	1.24	1495	519	162	0.28	34
HK21-005	258	259	1	D137895	Original		0.25	9.13	2.5	0.0025	1925	0.2	15.9	1.5	2050	49	270	0.038	1.85	74	18.4	7.03	14.85	17.4	23.5	32.5	7.6	2.88	2.32	5.69	1045	40	0.62	8.24	0.80	20	1.35	2020	625	144	0.22	30
HK21-005	259	260	1	D137896	Original		0.25	7.05	2.5	0.0025	2070	0.2	16.5	2.7	1760	56	300	0.042	1.7	89	17.45	6.68	13.4	18.6	21.4	29.6	7	2.74	2.04	5.41	880	40	0.7	9.14	0.80	12	1.06	1990	541	193	0.44	33
HK21-005	260	261	1	D137897	Original		0.25	8.32	2.5	0.0025	2130	0.3	15.4	1.5	1655	57	230	0.032	1.72	90	16.35	6.33	12.45	19.45	23.2	27.9	6	2.44	2.11	5.71	827	40	0.58	8.48	0.85	13	1.20	1645	509	181	0.23	32
HK21-005	261	262	1	D137898	Original		0.25	7.05	2.5	0.0025	1930	0.2	18.1	1.3	1500	43	270	0.038	1.82	68	16.75	7.29	12.75	14.7	18.7	28.2	8	2.72	1.99	6.54	775	40	0.83	9.14	0.71	12	1.16	1485	459	158	0.32	28
HK21-005	262	263	1	D137899	Original		0.25	7.18	2.5	0.005	1825	0.2	17.5	1.6	1775	63	220	0.031	1.77	110	17.6	7.01	13.2	17.4	20.9	30.4	7.2	2.75	2.02	6.34	907	40	0.92	8.68	0.75	14	1.14	1945	544	231	0.25	32
HK21-005				D137900	Control	BLANK	0.25	0.08	2.5	0.0025	1275	0.2	26.0	0.25	13.5	1	5	0.001	0.19	1	0.15	0.13	0.14	0.23	0.4	0.29	0.1	0.02	0.02	29.7	6.7	10	0.01	18.85	0.05	0.5	0.02	13.5	4.7	2	0.01	3
HK21-005	263	264	1	D137901	Original		0.25	6.84	6	0.0025	2740	0.3	19.8	5.6	2160	53	230	0.033	2.7	80	20.6	8.55	16.25	14.6	20.9	36.4	7.2	3.26	2.95	10.7	1140	60	0.89	8.43	0.73	25	0.83	2230	661	191	0.33	280
HK21-005	264	265	1	D137902	Original		0.25	6.69	2.5	0.0025	2160	0.3	20.0	1.2	1985	37	490	0.071	2.32	46	19	8.6	14.65	17.2	21.6	32.5	5.2	3.09	2.86	12.95	1120	50	0.82	7.23	0.89	19	0.96	1435	595	96	0.31	114
HK21-005	265	266	1	D137903	Original		0.25	7.3	6	0.0025	3260	0.4	15.9																													

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	284	285	1	D137925	FieldDup		0.25	7.9	2.5	0.008	2490	0.3	15.7	2.3	1650	72	200	0.029	2.31	86	16.75	6.69	12.6	18.55	20.2	32	5.8	2.62	2.20	6.37	920	30	0.6	7.98	0.72	14	1.20	1320	470	114	0.58	27
HK21-005	285	286	1	D137926	Original		0.25	8	2.5	0.0025	2060	0.2	18.6	1.6	1790	63	190	0.026	1.71	69	17.4	7.59	13.25	15.55	18.6	32.3	5.9	2.61	1.93	8.13	981	30	0.69	7.48	0.63	12	1.35	1375	505	98	0.45	23
HK21-005	286	287	1	D137927	Original		0.25	8.01	5	0.009	2450	0.3	17.2	1.6	2680	90	280	0.037	2.3	140	23.9	9.08	19.45	16.6	20.4	47.1	4.8	3.66	2.23	7.73	1370	30	0.76	7.54	0.58	14	1.24	2480	776	140	0.87	34
HK21-005	287	288	1	D137928	Original		0.25	6.69	2.5	0.005	5280	0.6	18.0	1.8	2990	83	280	0.038	3.53	145	32	12.1	23.7	15.55	20	58.9	4.8	4.72	2.73	6.74	1505	30	0.91	8.89	0.59	14	0.95	2700	895	179	2.76	31
HK21-005	288	289	1.27	D137929	Original		0.5	3.43	6	0.0025	1670	0.2	24.4	1	2180	56	160	0.020	1.73	111	22.7	10	15.3	12.5	13.5	38.1	4	3.65	1.42	19.4	1315	30	0.92	8.39	0.71	672	0.53	1535	581	154	1.36	36
HK21-005				D137930	Control	OREAS 520	0.25	11.1	145	0.172	9070	1.0	6.2	0.25	78.6	205	50	0.006	0.68	2990	3.83	2.33	1.22	24.4	19.2	4	3.6	0.77	4.20	6	80.7	20	0.33	2.17	0.33	58	1.90	7	21.4	79	0.18	6
HK21-005	289.3	290	0.73	D137931	Original		0.25	6.68	2.5	0.0025	2590	0.3	16.6	2	3300	76	220	0.028	2.67	120	26.4	9.9	21.6	14.6	21.2	50.5	6.9	3.77	2.42	7.77	1595	50	0.81	8.53	0.54	27	1.07	3700	937	135	0.39	34
HK21-005	290	291	1	D137932	Original		0.25	8.28	7	0.0025	2480	0.3	16.9	1	2110	53	230	0.030	2.92	55	19.65	7.75	14.65	14.35	22.1	34	5.9	2.86	2.90	9.58	1075	60	0.7	7.89	0.61	28	1.40	2110	601	102	0.34	26
HK21-005	291	292	1.45	D137933	Original		0.25	8	2.5	0.0025	2140	0.2	18.6	1.4	1635	46	210	0.027	2.77	64	16.5	6.71	12.15	14.8	19.8	29.5	6	2.58	2.41	8.46	874	40	0.65	7.68	0.62	49	1.47	1355	460	95	0.40	24
HK21-005	293.2	294	0.76	D137934	Original		0.25	1.87	12	0.006	1075	0.2	39.9	1.1	2260	33	60	0.009	1.1	37	37.2	15.6	23.9	6.62	14.6	62.4	2.5	5.9	1.25	20.7	1285	40	1.04	4.83	0.43	15	0.36	204	714	111	10.15	132
HK21-005	292.5	293	0.79	D137935	Original		0.25	8.56	2.5	0.0025	3060	0.3	15.6	1.7	3450	50	190	0.024	3.2	64	25	9	21.8	15.15	24.1	49.5	5.7	3.58	2.79	8.29	1690	60	0.68	7.92	0.64	11	1.47	2900	974	120	0.77	37
HK21-005	294	295	1	D137936	Original		0.25	9.17	2.5	0.0025	2230	0.3	17.1	1.7	1745	55	80	0.011	2.28	89	20.9	8.3	14.55	15.95	20.2	36.1	5.9	3.32	2.56	7.83	899	50	0.81	7.34	0.67	13	1.29	1940	523	113	1.32	34
HK21-005	295	296	1	D137937	Original		0.25	7.77	2.5	0.005	4430	0.5	16.2	1.2	2310	52	430	0.058	3.6	74	22.2	8.79	17.3	16.65	21.6	40.8	5.7	3.36	3.07	6.34	1195	50	0.7	9.26	0.76	10	1.06	2310	668	125	1.20	27
HK21-005	296	297	1	D137938	Original		0.25	8.14	2.5	0.008	2410	0.3	15.4	1.7	2540	72	230	0.030	2.08	110	22.1	8.6	17.15	16.9	21.3	41.6	5.8	3.35	2.17	6.41	1280	40	0.69	9.27	0.69	20	1.14	2310	719	160	0.55	40
HK21-005	297	298	1	D137939	Original		0.25	9.24	2.5	0.007	2270	0.3	14.7	1.6	2880	59	240	0.029	1.92	87	24.6	9.07	19.3	13.95	22.7	46.6	6	3.55	2.30	6.38	1465	40	0.82	8.53	0.59	29	1.29	2490	821	147	0.55	37
HK21-005				D137940	Control	BLANK	0.25	0.1	2.5	0.0025	190.5	0.0	28.5	1.5	20.7	0.5	5	0.003	0.83	3	0.22	0.13	0.17	0.25	0.4	0.49	0.1	0.04	0.02	35.3	11.3	10	0.01	17.90	0.06	0.5	0.05	15	5.6	2	0.01	15
HK21-005	298	299	1	D137941	Original		0.25	8.18	5	0.007	2960	0.3	13.8	1.7	1750	64	170	0.021	2.4	81	22.6	9.16	14.6	18.9	22.7	38.1	6.9	3.43	2.50	6.24	906	40	0.65	9.20	0.74	25	0.84	1330	527	146	1.52	21
HK21-005	299	300	1	D137942	Original		0.25	5.33	2.5	0.009	2300	0.3	18.3	2.3	3180	99	180	0.025	1.72	165	36.4	14.1	25.9	16.55	20.1	64.6	7.5	5.53	1.68	6.38	1535	30	1.1	8.62	0.61	14	0.90	2600	983	243	2.20	44
HK21-005	300	301	1	D137943	Original		0.25	8.18	2.5	0.005	2580	0.3	15.8	1.7	2700	51	250	0.034	2.12	65	27.5	10.85	19.75	18.1	23.4	51	6.9	4.23	2.38	5.6	1325	40	0.8	9.25	0.80	17	1.12	2220	804	139	0.95	33
HK21-005	301	302	1.17	D137944	Original		0.25	5.32	15	0.0025	2070	0.2	23.4	2.3	3350	76	130	0.016	1.68	102	35.3	14.5	25.6	14.65	20.7	64.2	6.5	5.5	1.96	14.3	1740	40	1.08	7.14	0.71	55	0.73	2700	990	160	1.73	69
HK21-005	302.2	303	0.83	D137945	Original		0.25	4.02	2.5	0.0025	4500	0.5	18.3	2.5	3990	96	320	0.043	2.87	138	53.8	20.4	35.1	17.55	21.6	94.5	7.4	8.16	2.24	5.59	1885	30	1.37	9.87	0.67	9	0.48	3100	1280	160	2.97	31
HK21-005	303	304	1	D137946	Original		0.25	5.74	5	0.0025	6160	0.6	16.0	2.6	5440	99	260	0.033	3.84	140	63.6	24.1	43.2	18.35	27	112.5	7	9.42	2.85	5.85	2570	40	1.49	9.74	0.67	9	0.60	4800	1690	177	2.76	36
HK21-005	304	305	1	D137947	Original		0.25	8.2	2.5	0.0025	3500	0.4	18.4	1.3	2790	42	260	0.035	2.76	56	45.4	18.3	26.9	11.3	20.4	72.9	5.2	6.97	2.79	7.74	1435	50	1.38	8.89	0.61	14	1.47	1365	894	113	2.02	33
HK21-005	305	306	1	D137948	Original		0.25	8.2	6	0.0025	3160	0.4	17.0	1.8	4190	63	180	0.024	2.97	94	32.7	11.9	27.1	11.4	24	63.3	7.7	4.99	2.88	7.44	2010	60	1.09	8.79	0.49	16	1.65	3600	1210	195	0.91	43
HK21-005	306	307	1	D137949	Original		0.25	10.35	2.5	0.0025	3440	0.4	15.3	0.9	1480	39	270	0.038	3.73	55	24.9	11	15.05	14.5	19.7	40.3	7.4	3.99	3.31	6.21	802	70	0.99	9.22	0.67	10	1.28	697	478	148	1.40	22
HK21-005				D137950	Control	OREAS 462	0.25	11.15	31		929	0.1	1.8	0.25	4910	15	590	0.087	0.45	57	50.4	12.5	71.7	49.8	49.9	158.5	13.6	5.74	0.13	1.1	3760	10	0.56	1.85	0.13	45	0.23	1450	2590	139	1.15	120
HK21-005	307	308	1	D137951	Original		0.25	10.6	2.5	0.005	5150	0.6	13.7	1.1	1835	44	340	0.046	4.8	67	29.1	12.75	18.6	15.9	24.1	49.2	6.1	4.71	3.65	5.31	984	50	0.97	9.32	0.75	9	1.18	870	592	162	1.71	16
HK21-005	308	309	0.92	D137952	Original		0.25	7.25	2.5	0.005	4080	0.5	22.4	1.4	2450	51	330	0.044	3.44	80	25.2	10.85	17.9	11	20.7	41.7	4.8	3.84	2.73	11.35	1420	50	0.97	7.97	0.48	33	1.35	1755	692	167	0.71	42
HK21-005	308.9	310	1.08	D137953	Original		0.25	3.67	2.5	0.0025	2920	0.3	21.9	2.2	1695	85	140	0.020	0.74	153	23.1	10.55	14.55	12	13.5	35.7	8.9	3.8	1.60	8.73	1125	50	1.32	8.33	0.54	64	1.74	948	472	242	0.83	34
HK21-005	310	311	1	D137954	Original		0.25	8.65	2.5	0.007	3270	0.4	16.2	2.1	3380	66	150	0.023	2.97	104	27.8	10.85	22.3	11.3	22.1	50.8	4.5	3.96	2.54	7.45	1880	50	0.85	8.85	0.51	34	1.94	2700	958	148	0.95	52
HK21-005	311	312	0.84	D137955	Original		0.25	8.46	2.5	0.0025	3240	0.4	14.9	2	3310	68	170	0.025	3.89	91	34.4	12.8	25.2	14.45	25.4	62.7	4.8	5.03	2.72	6.79	1895	50	1	9.37	0.56	23	1.56	2340	949	131	1.70	46
HK21-005	311.8	313	1.16	D137956	Original		0.25	8.98	5	0.006	7250	0.8	12.3	1.3	2340	47	260	0.035	6.4	59	32	13.05	21.2	15.85	25.5	52.3	5.1	4.77	4.58	5.22	1275	50	0.84	11.60	0.66	11	0.78	1420	725	153	2.35	24
HK21-005	313	314	1	D137957																																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK21-005	284	285	1	D137925	151	71.6	26	32.5	57.8	3	3110	0.37	16	3.4	107.5	3.49	5	0.76	97.82	3.54	326	7	63.6	5.07	338	261													D137924		
HK21-005	285	286	1	D137926	163	54.2	27	31.9	59.3	3	3220	0.38	16.4	3.49	110.5	3.29	5	0.83	97.95	3.6	312	11	66.6	5.33	229	272	0.006459	0.196697	20.025227	0.024937	125.73795	0.427221									
HK21-005	286	287	1	D137927	247	75.2	23	30.9	90.5	2	3150	0.37	32	5.12	217	3.38	5	1.08	96.97	7.69	311	13	83.8	5.86	191	257	0.006459	0.35477	39.073613	0.034484	246.9243	0.627885									
HK21-005	287	288	1	D137928	282	127	21	30.3	106	2	4110	0.49	37.1	6.46	270	2.82	5	1.33	97.13	15.7	224	6	118	7.58	255	275	0.006459	0.386242	45.300971	0.044269	307.233	0.707633									
HK21-005	288	289	1.27	D137929	189	72.7	16	18	70.3	2	1820	0.21	17.6	4.27	125	1.47	5	1.16	92.02	22.1	118	5	97.3	6.96	106	271	0.006459	0.219586	21.490487	0.032359	142.2375	0.531311									
HK21-005				D137930	6.39	111.5	16	42.4	4.43	5	97.8	0.01	0.5	0.59	9.09	0.9	5	0.28	100.72	16.3	271	47	20.6	2.18	22	148															
HK21-005	289.3	290	0.73	D137931	305	103.5	29	31.7	103.5	3	2700	0.32	52.2	5.3	301	3.82	10	1.02	94.76	6.72	276	9	84.6	6.27	266	360	0.010765	0.529294	63.738832	0.037193	342.5079	0.755147									
HK21-005	290	291	1	D137932	192.5	122.5	28	31.5	66.7	3	3250	0.38	18.8	4	134	3.65	5	0.97	98.04	4.22	358	11	72.4	5.64	271	295	0.012918	0.301841	22.955748	0.027306	152.4786	0.492686									
HK21-005	291	292	1.45	D137933	147	97.4	26	31.6	53.4	3	2830	0.33	11.9	3.25	92.1	3.3	5	0.84	97.89	3.3	368	10	64.9	5.3	324	255	0.008612	0.193836	14.5305	0.023345	104.80059	0.387832									
HK21-005	293.2	294	0.76	D137934	213	53.7	14	12.2	96.2	1	9160	1.45	3	6.93	56	0.48	5	1.69	100.41	2.4	56	4	164.5	10.05	91	154	0.008612	0.029183	3.663151	0.050988	63.7224	0.573807									
HK21-005	292.5	293	0.79	D137935	319	113.5	21	30.3	103.5	3	4160	0.48	28.3	5.51	211	4.16	10	0.99	96.49	7.23	367	8	79.4	5.67	349	282	0.012918	0.414852	34.555727	0.036093	240.0969	0.788687									
HK21-005	294	295	1	D137936	161.5	85.8	14	30.3	64.4	4	5180	0.6	28.7	4.04	151	2.84	5	1.01	97.18	10.65	323	9	83.8	6.27	328	359	0.010765	0.277522	35.044147	0.02907	171.8229	0.418327									
HK21-005	295	296	1	D137937	213	131	21	32.4	79.1	3	4290	0.51	37.2	4.56	211	3.58	5	0.96	99.36	10.25	378	7	79.7	5.73	350	338	0.010765	0.330451	45.423076	0.031304	240.0969	0.544332									
HK21-005	296	297	1	D137938	232	71.1	23	33.5	80.9	3	3460	0.41	28.8	4.47	193.5	3.7	5	1	98.54	6.45	308	12	77.7	6.13	295	320	0.008612	0.330451	35.166252	0.031338	220.18365	0.589457									
HK21-005	297	298	1	D137939	265	67.9	24	34.1	91.2	3	3930	0.45	29.9	5.3	204	3.7	5	1.05	96.06	6.45	276	19	83.6	6.22	238	304	0.008612	0.356201	36.509408	0.034597	232.1316	0.669899									
HK21-005				D137940	2	1.5	0.5	19.15	0.67	0.5	139	0.02	0.3	0.04	1.46	0.03	5	0.02	101.41	0.17	13	0.5	1.2	0.06	246	3															
HK21-005	298	299	1	D137941	163.5	93.6	24	30.9	65	3	2750	0.31	16.2	4.34	106.5	3.91	5	1.03	97.38	4.22	410	29	86	5.74	386	300	0.008612	0.19026	19.781017	0.02992	121.18635	0.42125									
HK21-005	299	300	1	D137942	303	61.1	27	33.6	118.5	3	3560	0.41	30.9	7.27	253	2.86	5	1.48	97.73	6.23	218	8	129.5	9.21	218	442	0.006459	0.371937	37.730458	0.049235	287.8887	0.751									
HK21-005	300	301	1	D137943	254	78.7	23	33.7	94.5	4	3880	0.47	25.6	5.58	193	3.74	5	1.12	100.42	6.56	374	13	98.8	6.61	396	330	0.008612	0.317577	31.258891	0.038165	219.6147	0.632663									
HK21-005	301	302	1.17	D137944	315	79.5	21	23.8	117.5	2	3770	0.45	34.9	7.11	212	2.8	5	1.64	97.25	7.4	235	21	137.5	9.29	272	376	0.008612	0.386242	42.61466	0.049976	241.2348	0.797935									
HK21-005	302.2	303	0.83	D137945	389	115	22	30.9	164	2	3610	0.42	43.4	10.6	392	2.7	5	2.3	96.21	9.54	235	7	195.5	12.6	282	492	0.006459	0.443463	52.993588	0.071316	446.0568	0.953325									
HK21-005	303	304	1	D137946	574	143	20	30.2	203	3	3110	0.37	73.7	12.65	504	3.71	5	2.46	97.45	12.35	248	8	226	14.3	293	464	0.008612	0.686652	89.991416	0.084878	573.5016	1.286294									
HK21-005	304	305	1	D137947	272	107.5	19	35	119	2	3650	0.44	15.8	8.35	191.5	1.5	5	2.08	98.8	6.85	201	5	177	12.25	202	330	0.010765	0.195267	19.292597	0.058646	217.90785	0.688871									
HK21-005	305	306	1	D137948	398	106	27	35.1	131.5	2	3220	0.38	37.8	6.97	313	3.09	5	1.27	97.66	8.88	161	14	111	8.39	150	474	0.012918	0.514989	46.155706	0.047491	356.1627	0.960891									
HK21-005	306	307	1	D137949	142.5	117.5	22	36.1	62.4	3	3580	0.43	11.4	4.98	70.4	1.9	5	1.31	101.12	7.31	333	5	103	7.32	319	465	0.015071	0.099708	13.919975	0.032945	80.10816	0.372208									
HK21-005				D137950	755	6	45	28.6	346	30	668	0.09	22.3	13.55	193	3.1	5	1.14	99.35	5.31	385	3	123	5.06	233	606															
HK21-005	307	308	1	D137951	178.5	149.5	20	34	75.7	4	4100	0.47	11.6	5.95	73.2	2.47	5	1.47	99.7	6.87	342	8	119.5	8.12	377	361	0.010765	0.124456	14.164185	0.039003	83.29428	0.458588									
HK21-005	308	309	0.92	D137952	222	97.6	21	29.4	74.5	2	6420	0.76	15.3	5.04	109	2.34	5	1.27	98.25	3.12	193	7	103.5	8.1	173	233	0.010765	0.251057	18.682071	0.034992	124.0311	0.594603									
HK21-005	308.9	310	1.08	D137953	148.5	32.4	30	31.8	58	2	4280	0.48	13.8	4.5	52.7	0.99	5	1.45	92.96	2.38	141	6	107	9.53	110	581	0.010765	0.135614	16.850496	0.032325	59.96733	0.434708									
HK21-005	310	311	1	D137954	310	77	22	33.5	100.5	1	4100	0.51	22.6	6.02	155	3.4	5	1.22	96.18	5.78	176	9	97.9	6.7	159	223	0.010765	0.386242	27.59574	0.039101	176.3745	0.8028									
HK21-005	311	312	0.84	D137955	305	102	26	32.4	109	2	3030	0.36	18.6	7.13	199	4.11	5	1.4	97.75	5.57	315	10	121.5	8.08	233	211	0.010765	0.334743	22.711538	0.046216	226.4421	0.801713									
HK21-005	311.8	313	1.16	D137956																																					

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	332	333	1	D137979	Original		0.25	7.93	6	0.0025	5460	0.6	13.6	0.9	1760	43	450	0.060	5.22	52	33	13.5	19.5	17.5	25.7	50.9	5.8	5.04	3.97	3.5	988	40	0.95	11.65	0.67	14	0.68	499	579	146	3.27	21
HK21-005				D137980	Control	BLANK	0.25	0.09	2.5	0.0025	100	0.0	29.1	0.25	15	0.5	10	0.001	0.3	1	0.5	0.27	0.15	0.21	0.4	0.56	0.1	0.07	0.04	39.5	10	10	0.02	21.40	0.06	0.5	0.02	4.8	5.2	1	0.02	4
HK21-005	333	334	1	D137981	Original		0.25	8.66	8	0.0025	4620	0.5	15.0	0.5	1230	51	220	0.029	4.2	66	23.2	10.1	14.3	15.8	23.8	38.5	6.8	3.65	3.42	3.54	628	40	0.73	11.10	0.43	78	0.72	456	410	136	3.01	21
HK21-005	334	335	1	D137982	Original		0.25	9.96	9	0.005	3210	0.4	15.3	0.6	620	52	170	0.023	3.29	68	14.5	6.24	8.62	16.6	22.7	22.3	7.1	2.29	2.84	4.24	352	50	0.5	9.33	0.44	81	0.99	280	227	101	1.90	17
HK21-005	335	336	1	D137983	Original		0.25	9.66	8	0.0025	3560	0.4	13.9	0.25	966	45	200	0.027	3.11	54	15.8	6.28	9.71	14.55	22.7	25.3	7.4	2.45	3.43	8.17	510	80	0.41	8.96	0.41	28	1.15	350	290	102	1.50	18
HK21-005	336	337	1	D137984	Original		0.25	6.81	8	0.0025	5200	0.6	17.2	0.25	1955	32	250	0.036	4.11	40	36.7	15.3	24.1	14.75	20	59.6	7.2	5.89	3.78	8.63	1075	40	1.03	10.20	0.64	12	0.47	602	652	82	3.73	15
HK21-005	337	339	1.52	D137985	Original		0.25	8.52	10	0.005	3930	0.4	15.6	0.5	965	49	240	0.032	3.06	65	21	8.5	12.65	15.4	21.9	32	6.5	3.41	3.12	4.31	525	50	0.64	10.45	0.40	40	0.76	330	327	131	2.68	31
HK21-005	338.5	340	1.48	D137986	Original		0.25	6.3	11	0.0025	5280	0.6	23.2	0.6	2260	31	130	0.017	3.69	24	38.8	17.75	22.9	9.48	19.7	61.9	5.5	6.53	3.39	18.15	1465	100	1.3	8.25	0.55	24	0.39	512	689	105	4.28	24
HK21-005	340	341	1	D137987	Original		0.6	7.59	22	0.0025	7020	0.7	13.5	0.25	1525	56	230	0.032	5.74	53	25.1	11.25	15.1	12.3	24.3	35.7	5.6	4.23	5.42	13.25	989	80	0.97	11.85	0.58	34	0.27	1090	447	167	1.41	36
HK21-005	341	342	1.44	D137988	Original		0.5	6.77	21	0.009	7380	0.8	19.8	0.25	2320	46	210	0.028	5.28	48	41.7	17.85	25.2	9.23	25.1	63.3	5.4	6.81	4.89	14.5	1420	80	1.22	10.55	0.52	12	0.21	1130	728	132	3.88	21
HK21-005	342.4	344	1.63	D137989	Original		0.5	6.17	25	0.009	4110	0.5	19.6	0.25	2290	42	150	0.022	3.11	59	35.3	14.55	22.9	12.5	20.4	55.2	3.8	5.72	3.33	18.6	1560	40	0.91	8.91	0.67	55	0.53	895	645	101	2.06	62
HK21-005				D137990	Control	OREAS 462	0.5	11.35	35		1075	0.1	1.8	0.25	4910	12	640	0.085	0.4	60	55.7	12.85	80.2	48.7	50.1	175.5	14.5	6.7	0.14	1.04	3860	10	0.63	1.84	0.12	49	0.23	1510	2630	141	1.17	125
HK21-005	344.1	345	0.93	D137991	Original		0.5	7.5	35	0.006	3840	0.4	16.6	0.25	2430	54	170	0.026	3.76	64	42.5	17.7	25.8	13.9	24.5	64.8	5.8	6.71	3.12	13.95	1600	30	1.12	9.04	0.56	64	0.56	625	733	137	4.42	18
HK21-005	345	346	1	D137992	Original		0.25	6.27	17	0.0025	2090	0.2	22.0	0.25	2750	35	110	0.016	2.29	36	41.1	17.4	26	11.25	20.1	66.1	4.2	6.87	1.79	19.9	1910	30	1.12	7.75	0.65	42	0.77	580	789	89	4.15	18
HK21-005	346	347	1	D137993	Original		0.25	11	22	0.0025	3100	0.4	14.2	0.25	760	46	220	0.029	3.51	68	14.95	6.66	9.1	12.95	20.1	22.8	4.8	2.55	2.85	8.53	472	60	0.61	7.81	0.33	145	2.09	263	239	144	1.76	28
HK21-005	347	348	1	D137994	Original		0.5	8.08	16	0.005	9800	1.0	21.0	0.8	1855	32	120	0.015	3.9	54	26.3	12.35	16.2	12.1	16.1	40.5	3.4	4.43	2.81	14.9	1340	80	1.09	6.88	0.89	159	1.70	270	517	97	1.69	101
HK21-005	348	349	1	D137995	Original		0.5	3.53	15	0.007	8080	0.9	30.9	2.4	2020	29	110	0.017	1.56	38	29.2	12.95	19.2	10.75	15.1	46.9	2.7	4.8	2.04	22.6	1260	50	1.26	7.19	1.00	49	0.27	412	608	83	2.33	118
HK21-005	349	350	1	D137996	Original		0.25	1.41	17	0.0025	1455	0.2	37.3	4.9	1940	10	30	0.006	0.41	22	27	12.3	17.35	7.83	8.6	44.4	1.3	4.48	0.69	35.1	1210	10	1.23	6.70	1.42	20	0.11	148.5	581	35	1.21	39
HK21-005	350	352	1.53	D137997	Original		0.25	5.71	19	0.006	4370	0.5	25.5	1.8	1275	34	80	0.012	2.17	49	33.3	15.45	18.85	12.15	18.2	50	5.2	5.59	2.69	15.1	896	40	1.53	6.24	0.54	41	0.77	537	398	53	3.14	90
HK21-005	351.5	353	1.07	D137998	Original		0.25	11.25	7	0.005	2300	0.3	13.7	0.25	302	41	140	0.018	4.13	38	9.8	4.92	5.72	11.1	16	14.7	4.7	1.7	2.23	16.75	169	70	0.45	4.97	0.29	15	1.51	160.5	125.5	89	2.12	25
HK21-005	352.6	354	1.4	D137999	Original		0.25	9.48	23	0.0025	3810	0.4	15.1	0.25	669	40	140	0.018	3.12	21	18.8	8.86	9.71	12.2	19.2	26.9	6.5	3.24	3.06	14.25	436	50	0.85	7.24	0.38	65	1.74	192	216	66	2.06	17
HK21-005				D138000	Control	BLANK	0.25	0.26	2.5	0.005	3080	0.3	26.1	0.25	11	1	5	0.001	0.4	1	0.35	0.26	0.13	0.38	0.5	0.61	0.1	0.07	0.05	32.2	6.7	20	0.03	19.85	0.06	1	0.04	3.8	3.8	2	0.05	4
HK21-005	354	355	1	D138001	Original		0.25	8.4	15	0.0025	2670	0.3	17.2	0.25	465	39	130	0.017	2.68	21	14.7	6.34	8.48	12.3	17.4	22.9	5.9	2.44	2.94	15.55	287	40	0.7	7.54	0.40	81	1.61	277	187	70	1.91	17
HK21-005	355	356	1	D138002	Original		0.25	9.14	19	0.005	2910	0.3	16.4	0.25	463	42	150	0.022	3.36	21	13.6	6.01	8	13.2	18.7	22.2	5.9	2.21	2.75	15.55	318	40	0.5	6.78	0.34	56	1.22	158.5	180.5	67	2.24	20
HK21-005	356	357	1	D138003	Original		0.25	8.03	20	0.009	3890	0.4	17.9	0.25	520	46	140	0.021	2.42	42	13.2	5.4	7.62	13.55	17.5	21.3	4.9	2.16	2.95	13.35	367	60	0.52	7.04	0.42	92	1.63	150	186.5	78	2.00	18
HK21-005	357	358	1.36	D138004	Original		0.25	6.91	25	0.0025	4550	0.5	18.0	0.25	926	45	150	0.023	2.92	49	20	7.85	11.35	13.95	18.6	30.3	4.4	3.03	3.82	12.35	594	100	0.75	7.75	0.61	31	0.74	421	295	87	2.35	20
HK21-005	358.4	359	0.64	D138005	Original		0.25	7.48	19	0.0025	5980	0.6	20.8	0.25	1105	27	110	0.015	3.07	19	22.7	10.05	12.3	9.79	18	31.9	3.7	3.85	3.83	16.45	759	100	1.01	6.97	0.55	32	0.98	346	346	50	1.76	17
HK21-005	359	360	1	D138006	Original		0.25	0.95	16	0.005	3140	0.4	46.0	0.9	2450	21	20	0.005	0.37	30	50.1	21.5	26.1	6.51	8.4	68.8	0.4	8.08	0.52	33.9	1640	10	2.01	1.78	0.57	41	0.08	205	761	60	1.01	46
HK21-005	360	361	1	D138007	Original		0.25	7.42	35	0.0025	3130	0.4	15.6	0.25	367	61	410	0.058	2.88	35	11.9	5.34	6	20.2	21	17.2	5.5	2.05	3.46	7.4	240	50	0.53	9.20	0.39	31	0.90	108	147	152	2.06	15
HK21-005	361	362	1	D138008	Original		0.25	7.22	21	0.0025	2380	0.3	18.1	0.25	338	57	290	0.041	2.19	42	15.25	6.38	7.08	16.2	18.1	20.6	6.7	2.48	3.35	10.55	199	50	0.64	8.44	0.35	39	1.01	140	153	186	2.53	17
HK21-005	362	363	1	D138009	Original		0.25	7.51	14	0.007	3210	0.4	17.3	0.25	493	56	200	0.029	1.98	59	16.15	6.4	9.61	16.35	19.6	24.9	6.9	2.64	2.65	7.87	300	60	0.65	8.51	0.50	43	1.23	213	204	172	2.50	50
HK21-005				D138010	Control	OREAS 462	0.25	11.2	36		1080	0.1	1.9	0.25	4820	12	620	0.088	0.47	57	55.8	12.9	78	50.5	49.3	168.5	14.4	6.46	0.15	1.26	3780	10	0.62	1.76	0.13	46	0.25	1470	2630	134	1.14	120
HK21-005	363	364	1	D138011	Original		0.25	7.82	10	0.006	1895																															

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-005	383	384	1	D138033	Original		0.25	6.43	32	0.005	4930	0.6	21.4	0.25	864	46	510	0.074	2.63	85	18.25	8.85	11.25	11.45	15	27.7	7.4	3.14	3.66	15.7	503	40	0.85	10.95	0.39	24	0.62	321	280	259	1.73	41
HK21-005	384	385	1	D138034	Original		0.25	11.2	16	0.0025	4890	0.6	16.0	0.25	898	42	330	0.045	4.51	74	14.75	6.73	9.45	11.25	17.2	22.3	4.7	2.59	3.56	10.15	551	90	0.62	7.96	0.29	101	1.76	245	262	210	1.29	29
HK21-005	385	386	1	D138035	Original		0.25	7.91	11	0.005	5010	0.6	18.4	0.25	1070	47	120	0.018	4.05	55	19.1	9.15	11.75	15.3	17.2	29.1	3.9	3.33	3.39	13.55	651	70	0.85	8.96	0.61	40	1.01	328	323	119	2.51	21
HK21-005	386	387	1	D138036	Original		0.25	7.51	23	0.008	4840	0.6	19.4	0.25	579	47	360	0.049	3.45	69	17.05	7.16	10.05	13.7	15.8	25.9	5	2.84	3.51	11.3	337	50	0.75	9.73	0.39	116	0.72	371	222	182	1.84	44
HK21-005	387	388	1	D138037	Original		0.25	5.75	17	0.01	2820	0.3	20.5	0.25	596	50	540	0.073	2.45	74	13.95	5.68	8.23	11.75	15.8	21.8	7	2.08	3.82	13.6	402	30	0.58	11.95	0.30	225	0.39	295	208	258	1.76	24
HK21-005	388	389	1	D138038	Original		0.25	8.62	19	0.005	2800	0.3	19.2	0.25	433	43	280	0.037	3.65	92	13.75	5.95	7.56	11.8	16.8	19.55	6.3	2.28	3.87	11.3	260	50	0.6	9.61	0.27	142	1.02	270	168.5	148	1.92	30
HK21-005	389	390	1	D138039	Original		0.25	9.36	14	0.016	2800	0.3	15.0	0.25	410	48	320	0.043	3.58	113	10.25	4.66	6.2	11.3	16.9	16.4	5.8	1.92	4.07	14.2	266	80	0.47	9.55	0.26	38	0.99	175.5	146	158	1.28	16
HK21-005				D138040	Control	BLANK	0.25	0.13	2.5	0.0025	192.5	0.0	29.1	0.25	6.1	0.5	5	0.001	0.44	2	0.17	0.11	0.04	0.2	0.3	0.25	0.1	0.03	0.05	32.4	4.4	20	0.01	20.60	0.06	1	0.04	2.3	1.9	4	0.03	4
HK21-005	390	391	1	D138041	Original		0.25	8.68	9	0.0025	2030	0.2	15.1	0.25	256	48	550	0.074	3.78	73	6.12	2.57	4.05	10.5	14.1	11.05	4.9	0.94	3.85	17.05	151.5	50	0.23	9.83	0.24	48	0.77	135.5	101.5	187	1.19	14
HK21-005	391	392	1	D138042	Original		0.25	7.2	19	0.006	3590	0.4	19.9	0.25	375	46	520	0.069	2.51	91	12.35	5.24	7.32	11.25	14.2	20.4	6.7	2.04	3.55	14.95	214	50	0.41	10.05	0.26	51	0.60	251	156.5	162	1.59	28
HK21-005	392	393	1	D138043	Original		0.25	8.86	13	0.011	2360	0.3	20.0	0.25	509	35	150	0.020	3	121	15.05	6.63	8.45	11.5	16.9	21.8	9.1	2.34	3.28	10.3	284	70	0.54	8.96	0.31	48	1.22	403	199	67	2.13	17
HK21-005	393	394	1	D138044	Original		0.25	7.76	16	0.012	2810	0.3	19.8	0.5	536	41	290	0.039	3.47	123	12.55	4.77	8.77	12.6	17.3	22.1	7.1	1.92	3.20	10.15	291	30	0.36	9.77	0.26	28	1.04	297	225	95	1.83	24
HK21-005	394	395	1	D138045	Original		0.25	6.29	13	0.013	2190	0.3	22.7	0.7	526	44	330	0.044	1.8	134	13.5	4.11	9.74	12.6	16.3	24.4	10.6	1.97	3.12	10.1	261	10	0.29	10.85	0.22	41	0.40	368	235	95	2.06	57
HK21-005	395	396	1	D138046	Original		0.25	6.44	14	0.005	3190	0.4	23.1	0.25	520	40	260	0.035	1.89	118	16.25	6.19	10.1	11.45	17	26.7	9.7	2.52	3.67	11.15	265	10	0.39	10.40	0.25	29	0.37	388	231	86	2.26	41
HK21-005	396	397	1	D138047	Original		0.25	5.96	16	0.0025	4270	0.5	24.1	0.25	569	35	280	0.037	1.58	104	20.1	7.86	12.35	9.74	14.8	31.7	8.2	3.09	3.65	15.9	306	20	0.52	9.51	0.38	27	0.29	352	247	93	1.93	23
HK21-005	397	398	1	D138048	Original		0.25	6.87	14	0.0025	2910	0.3	20.4	0.25	458	45	180	0.025	2.12	113	16.15	6.64	8.79	13.2	17.9	24.3	8.1	2.67	3.54	9.87	269	30	0.63	9.17	0.37	41	0.64	294	191	80	2.52	25
HK21-005	398	399	1	D138049	Original		0.25	9.35	27	0.005	4220	0.5	15.6	0.25	1030	37	230	0.031	2.57	67	22.8	10.5	13	12.3	18.1	32.9	5.6	3.88	4.84	11.55	570	100	1.08	9.41	0.53	296	0.37	362	351	107	1.73	38
HK21-005				D138050	Control	OREAS 462	0.25	11.2	35		985	0.1	1.9	0.25	4810	15	610	0.084	0.41	60	51.3	12.65	77.6	49.7	47.8	159	14.3	6.5	0.15	1.27	3620	10	0.6	1.79	0.12	48	0.23	1470	2600	141	1.10	124
HK21-006	339.5	341	1.07	D138531	Original		0.25	9.22	43	0.005	5120	0.6	14.3	0.5	306	48	340	0.055	2.71	82	12.65	6.17	4.68	11.95	17.2	13.35	4.9	2.32	4.84	9.83	194.5	100	0.5	11.90	0.25	118	0.44	152.5	110	214	0.91	43
HK21-006	340.6	342	1.4	D138532	Original		0.25	8.05	60	0.0025	5620	0.6	22.4	0.25	599	22	120	0.021	1.1	44	64.9	38.4	11.1	9.49	16.4	37	1.8	13.3	4.15	14.8	366	60	3.11	5.47	0.45	274	0.64	476	210	100	1.66	57
HK21-006	342	343	1.43	D138533	Original		0.25	8.24	79	0.0025	10000	1.3	18.9	0.5	721	30	200	0.032	0.84	37	95.5	56.1	13.45	9.07	17.8	49	2.4	19.35	5.06	10.25	422	60	4.56	7.25	0.38	177	0.57	1030	260	127	2.49	52
HK21-006	343.4	344	0.99	D138534	Original		0.25	1.84	36	0.006	2120	0.2	18.6	1	1010	84	80	0.013	0.39	225	72.8	39.3	15.25	36.1	9.7	50.5	3.5	13.85	1.12	9.34	636	20	3.92	3.22	0.57	199	0.27	1660	303	81	4.44	65
HK21-006	344.4	346	1.57	D138535	Original		0.25	0.83	22	0.006	3400	0.4	41.4	2.6	1040	19	10	0.004	0.19	48	35.6	17.15	11.95	8.95	6.5	33.7	1.1	6.22	0.65	27.7	664	20	1.78	2.67	0.44	127	0.08	1745	298	36	3.97	153
HK21-006	346	347	1.01	D138536	Original		0.25	9.53	25	0.0025	3370	0.4	15.9	0.8	576	42	260	0.039	2.96	78	19.5	9.92	7.96	12.2	18.1	22.8	3.6	3.41	3.21	10.4	356	110	0.95	7.82	0.35	126	1.77	198	189	160	0.95	47
HK21-006	347	348	1	D138537	Original		0.25	5.13	39	0.0025	3120	0.3	22.3	0.8	553	46	370	0.055	1.43	75	19.1	9.07	8.62	10.95	13.7	24.6	5.9	3.39	4.13	14.35	293	20	0.9	12.05	0.30	6	0.28	402	211	281	2.07	63
HK21-006	348	349	1.18	D138538	Original		0.25	5.03	42	0.0025	4110	0.5	22.8	1	928	43	470	0.073	1	56	36.1	15.3	14.9	10.4	16.1	39.8	4.1	5.93	4.35	15.25	536	40	1.4	12.30	0.49	6	0.22	446	331	273	2.10	61
HK21-006	349.2	351	1.47	D138539	Original		0.25	0.84	26	0.0025	2380	0.3	43.5	0.7	983	12	60	0.008	0.12	33	50.6	21.5	17.9	7.44	6.8	55	1.4	8.51	0.46	28.3	546	10	1.93	2.63	0.45	6	0.14	312	341	50	5.70	43
HK21-006				D138540	Control	BLANK	0.25	0.06	2.5	0.013	244	0.0	28.0	0.25	7.9	1	5	0.002	0.34	1	0.42	0.23	0.12	0.17	1.4	0.45	0.8	0.07	0.05	28.6	4.9	30	0.03	21.80	0.06	0.5	0.06	3.2	2.6	0.5	0.04	9
HK21-006	350.7	352	1.35	D138541	Original		0.25	8.32	16	0.0025	2000	0.2	16.5	0.5	238	52	580	0.086	3.01	88	7.36	3.45	4.26	11.55	15.1	11.1	4.8	1.3	3.85	9.54	128	40	0.32	12.15	0.21	13	0.90	164	96.3	269	1.29	13
HK21-006	352	353	1.37	D138542	Original		0.25	4.87	41	0.005	4710	0.5	27.2	0.5	610	40	400	0.059	1.68	50	31.2	13.3	11.15	9.87	12.6	33.8	3.8	5.14	2.95	20.3	362	30	1.34	7.71	0.33	45	0.37	397	211	194	1.66	31
HK21-006	353.4	354	0.63	D138543	Original		0.25	1.96	32	0.0025	4040	0.5	43.0	0.8	806	16	90	0.016	0.6	11	45.2	25.1	12.9	5.3	7.5	37.8	1.3	8.5	1.33	29.9	474	20	2.88	3.78	0.38	19	0.20	243	271	62	3.21	54
HK21-006	354	355	1	D138544	Original		0.25	0.39	25	0.021	3450	0.4	45.5	1	1095	16	10	0.003	0.07	20	66.3	29.2	20	7.42	6.4	61.5	0.8	11.3	0.44	27.6	619	10	2.52	1.97	0.40	2	0.11	619	364	22	6.12	86
HK21-006	355	356	1	D138545	Original		0.25																																			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number					
HK21-005	383	384	1	D138033	79.8	86.1	21	24.8	40.6	2	3260	0.4	7.4	3.45	36	2.19	5	0.98	100.39	7.86	348	12	82.9	6.37	77	480											0.008612	0.04592	9.035773	0.024528	40.9644	0.226318				
HK21-005	384	385	1	D138034	79.3	100.5	18	33.2	33.3	2	4030	0.49	6.9	2.92	31.7	1.75	5	0.82	99.51	5.87	221	14	69.8	5.11	113	244												0.019377	0.035048	8.425248	0.020231	36.07143	0.229535			
HK21-005	385	386	1	D138035	97.1	100	13	25.1	42.8	2	3120	0.38	5.5	3.81	50.3	2.78	5	1.01	100.53	6.16	326	18	91.8	6.42	159	196												0.015071	0.046921	6.715777	0.026337	57.23637	0.276611			
HK21-005	386	387	1	D138036	60.5	107	19	27.1	36.1	2	2890	0.35	10.3	3.16	72.2	2.68	5	0.87	98.79	8.36	351	30	74.4	5.72	180	264												0.010765	0.053072	12.576819	0.022084	82.15638	0.162034			
HK21-005	387	388	1	D138037	58.8	105	22	26.1	30.1	2	3050	0.37	10.4	2.66	36.1	2.47	5	0.63	99.16	4.58	355	16	59.3	3.88	94	367												0.006459	0.0422	12.698924	0.017861	41.07819	0.165651			
HK21-005	388	389	1	D138038	46.1	125	20	28.9	27.7	2	3320	0.4	10.1	2.51	27.7	2.55	5	0.71	99.77	6.14	338	16	61.3	4.54	94	340												0.010765	0.038624	12.332609	0.0176	31.51983	0.123568			
HK21-005	389	390	1	D138039	40.7	143	22	29.7	22.9	1	2410	0.29	7	1.94	21.9	2.47	5	0.63	98.78	4.29	307	17	49.9	3.48	78	280												0.017224	0.025106	8.547353	0.014275	24.92001	0.115062			
HK21-005				D138040	0.6	1.9	0.5	17.85	0.33	0.5	129.5	0.02	0.1	0.04	0.42	0.03	5	0.01	100.53	0.3	2.5	1	1.1	0.03	16	4																				
HK21-005	390	391	1	D138041	27.3	119	25	28.2	15.9	2	2050	0.25	6.7	1.23	14.75	2.25	5	0.28	98.22	3.48	242	15	27.2	1.66	59	235													0.010765	0.019384	8.181038	0.008533	16.784025	0.071178		
HK21-005	391	392	1	D138042	41.9	120	28	25.9	27.2	2	3430	0.41	9.3	2.41	25.9	2.82	5	0.54	98.96	4.68	333	16	56.2	3.53	83	341													0.010765	0.035906	11.355769	0.016528	29.47161	0.108428		
HK21-005	392	393	1	D138043	55.2	106	23	30.8	31.2	2	3390	0.4	9.2	2.65	34.5	2.97	5	0.79	101.02	7.04	306	12	63.9	4.22	153	465													0.015071	0.05765	11.233664	0.018915	39.25755	0.141205		
HK21-005	393	394	1	D138044	59.8	104	21	28.7	34.7	2	3680	0.45	12.9	2.65	26.4	2.79	10	0.53	98.66	6.44	229	11	49.4	2.94	168	355												0.006459	0.042487	15.75155	0.016807	30.04056	0.146652			
HK21-005	394	395	1	D138045	60.2	103	27	28.1	38	2	2740	0.33	16	2.72	33.3	3.18	10	0.46	100.25	10.15	210	12	45.3	2.7	266	492													0.002153	0.052643	19.536807	0.01705	37.89207	0.143411		
HK21-005	395	396	1	D138046	59.2	113	27	26.9	37.6	2	2900	0.35	14.4	3.16	33.2	3	5	0.62	99.75	9.53	243	11	63.5	3.03	165	456													0.002153	0.055504	17.583126	0.020356	37.77828	0.145849		
HK21-005	396	397	1	D138047	64.4	112	25	24	41.8	3	3290	0.4	12.7	3.75	46.2	2.79	5	0.89	99.18	7.48	251	10	84.6	4.41	96	426													0.004306	0.050354	15.50734	0.025329	52.57098	0.163776		
HK21-005	397	398	1	D138048	51.3	96.7	25	28.4	32.3	2	2870	0.35	7.5	3.17	21.4	2.79	5	0.8	98.48	6.49	423	10	71.9	4.82	140	393													0.006459	0.042057	9.157878	0.02069	24.35106	0.133799		
HK21-005	398	399	1	D138049	99.4	113	17	30.5	49.6	2	2330	0.28	8.1	4.1	81.2	2.52	5	1.35	99.5	6.03	395	17	104.5	8.58	181	310													0.02153	0.051785	9.890508	0.030307	92.39748	0.269898		
HK21-005				D138050	739	6.2	45	28.7	368	30	694	0.1	23.2	13.8	219	3.06	10	1.18	99.47	6	392	4	127	4.97	249	620																				
HK21-006	339.5	341	1.07	D138531	30.7	110.5	21	31.8	17.7	2	2930	0.36	4	1.99	18.7	2.41	5	0.74	98.78	2.22	322	15	71.7	4.36	172	205													0.02153	0.021816	4.884202	0.016529	21.27873	0.091374		
HK21-006	340.6	342	1.4	D138532	59	62.7	11	26.7	35.5	1	3690	0.44	5.5	8.36	163.5	1.18	5	4.81	96.05	5.29	313	17	425	27.1	144	108														0.012918	0.068093	6.715777	0.081953	186.04665	0.225472	
HK21-006	342	343	1.43	D138533	71.8	68.1	15	28.2	42.5	2	5400	0.63	9.9	11.8	194	2.33	5	6.88	94.69	7.24	450	15	614	39.6	189	130													0.012918	0.147344	12.088399	0.116871	220.7526	0.288182		
HK21-006	343.4	344	0.99	D138534	91.1	22.5	14	9.2	48.2	1	4200	0.48	2.7	10.15	280	1.85	5	4.83	87.27	159.5	1500	16	434	29	286	253												0.004306	0.237467	3.296836	0.088194	318.612	0.325916			
HK21-006	344.4	346	1.57	D138535	91.2	15.2	9	5.13	41.3	1	9170	1.04	2.3	5.62	155	0.51	5	2.16	93.72	256	539	8	183.5	13.75	764	98													0.004306	0.249627	2.808416	0.042781	176.3745	0.287251		
HK21-006	346	347	1.01	D138536	54.6	78.4	22	33.6	29.1	2	3470	0.4	2.8	3.42	40.4	1.8	5	1.23	98.33	4.22	358	15	102	7.45	245	162													0.023683	0.028324	3.418941	0.025131	45.97116	0.162388		
HK21-006	347	348	1	D138537	57.1	82.8	19	23.3	32.8	2	4800	0.57	8.1	3.38	52.6	2.2	5	1.13	98.03	11.35	423	11	96.6	7.2	293	259													0.004306	0.057507	9.890508	0.024962	59.85354	0.155		
HK21-006	348	349	1.18	D138538	92.4	75.7	17	23.2	50.2	2	3680	0.45	5.7	6.09	86.1	1.88	5	1.76	99	8.15	468	7	168.5	10.8	343	198												0.008612	0.063801	6.959987	0.042395	97.97319	0.26267			
HK21-006	349.2	351	1.47	D138539	96.7	9.8	8	6.46	56.5	1	10000	1.46	1.2	8.69	137.5	0.39	5	2.5	98.04	43	382	4	236	15.4	163	116													0.002153	0.044632	1.465261	0.057434	156.46125	0.286694		
HK21-006				D138540	0.79	3.6	0.5	22.9	0.47	0.5	215	0.02	0.05	0.06	0.92	0.01	5	0.01	101.79	0.53	7	1	2.2	0.21	24	31																				
HK21-006	350.7	352	1.35	D138541	25.6	100.5	25	32.8	15.85	2	2920	0.35	5.1	1.43	14.35	2.35	5	0.38	100.08	4.82	301	7	35	2.38	81	223													0.008612	0.023461	6.227357	0.009959	16.328865	0.06691		
HK21-006	352	353	1.37	D138542	60	72.2	19	18.15	34.5	1	9090	1.05	4.3	5.28	104.5	1.91	5	1.67	96.95	23.4	513	7	147	10.25	160	200													0.006459	0.056792	5.250517	0.035664	118.91055	0.180591		
HK21-006	353.4	354	0.63	D138543	77.8	27.6	14	7.72	41.5	1	10000	1.46	2.1	6.56	124.5	0.79	5	3.36	99.51	20.8	270	2	273	21.3	204	75													0.004306	0.034762	2.564206	0.058255	141.66855	0.248208		
HK21-006	354	355	1	D138544	105	8.3	12	5.03	58.6	1	10000	1.49	1.2	10.45	241	0.38	5	3.4	97.23	84	427	4	346	21	316	79													0.002153	0.08855	1.465261	0.076651	274.2339	0.331042		
HK21-006	355	356	1	D138545	83.3	5.7	9	3.7	43.4	1	10000	1.18	0.7	5.64	111	0.57	5	2.19	94.55	55.8	1115	7	189	14.75	263	118														0.002153	0.045348	0.854735	0.044876	126.3069	0.248458	
HK21-006	356	357	1	D138546	79	34.9	8	9.4																																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-006	375	376	1.03	D138567	Original		0.25	7.96	24	0.0025	2940	0.3	19.5	1	773	42	240	0.034	2.65	92	20.8	9.18	13.1	10.8	16.5	33.8	4.2	3.5	4.33	16.3	418	60	0.85	8.48	0.37	78	0.83	386	312	164	1.34	21
HK21-006	376	377	1	D138568	Original		0.25	7.73	22	0.012	2600	0.3	14.6	0.7	209	56	470	0.064	2.92	90	5.97	2.36	4.06	11.8	15.1	10.1	5.5	0.95	5.39	11.55	112	20	0.23	13.80	0.22	138	0.38	134.5	91.4	270	1.10	15
HK21-006	377	378	1.01	D138569	Original		0.25	5.63	15	0.011	2480	0.3	18.6	0.25	388	43	350	0.051	2.77	62	7.72	3.29	5.15	10.35	12.7	12.35	3.7	1.33	3.47	21	240	20	0.43	12.05	0.37	45	0.16	116.5	136.5	203	0.81	15
HK21-006				D138570	Control	OREAS 462	0.25	11.15	32		1100	0.1	1.9	0.25	5130	16	640	0.086	0.42	61	50.3	12.25	78.6	50	55.3	158.5	13.9	6.4	0.16	1.2	3830	10	0.67	1.83	0.13	49	0.24	1470	2800	152	1.12	127
HK21-006	378	379	0.99	D138571	Original		0.25	10.05	10	0.039	2530	0.3	16.1	0.25	194	52	310	0.045	2.9	54	6.22	2.99	3.79	9.81	14	9.6	5	1.11	3.52	15.7	99.1	30	0.38	6.62	0.24	110	0.64	109	87.8	194	1.32	16
HK21-006	379	380	1	D138572	Original		0.25	8.49	32	0.0025	4470	0.5	18.0	0.25	234	46	560	0.074	4.63	63	5.72	2.42	3.9	10.9	13.1	9.93	4.1	0.99	4.76	15.4	134.5	50	0.25	9.83	0.22	143	0.37	130	98.8	268	1.37	18
HK21-006	380	381	1	D138573	Original		0.25	7.75	29	0.0025	2070	0.2	14.5	0.25	181.5	55	500	0.070	5.04	87	5.55	2.3	3.66	11.05	13	9.25	4.7	0.94	5.35	12.55	90.5	10	0.22	14.55	0.19	479	0.40	114.5	86.2	303	1.15	17
HK21-006	381	382	1.18	D138574	Original		0.25	8.73	26	0.0025	3450	0.4	14.9	0.25	237	52	330	0.048	4.27	101	7.26	2.9	4.51	11.5	14.4	11.75	4.8	1.23	5.58	9.08	153	50	0.29	12.15	0.22	212	0.61	175	96.4	216	1.17	13
HK21-006	381	382	1.18	D138575	FieldDup		0.25	8.71	26	0.011	3440	0.4	14.7	0.25	233	54	340	0.048	4.32	101	7.45	2.98	4.48	11.5	14.6	12.15	5	1.19	5.62	9.07	152	60	0.29	12.25	0.22	211	0.60	174	96.9	225	1.16	18
HK21-006	382.2	383	0.82	D138576	Original		0.25	13	16	0.0025	9490	1.1	10.7	0.25	450	14	90	0.015	1.21	46	7.57	3.39	4.57	7.82	17.4	11.25	3.2	1.35	8.67	4.07	370	30	0.44	2.34	0.29	77	1.26	925	103	43	0.64	38
HK21-006	383	384	1	D138577	Original		0.25	10.9	13	0.051	7660	0.8	16.4	0.9	1075	11	70	0.011	0.99	37	34.9	11.2	22.2	7.45	24.5	59.3	1.9	4.96	7.59	8.87	709	40	1.14	2.99	0.47	60	0.76	387	345	34	0.53	131
HK21-006	384	385	1	D138578	Original		0.25	12.95	12	0.029	6520	0.7	11.5	0.6	490	11	100	0.016	0.92	44	28.9	11	8.76	7.02	23.8	29	1.9	4.68	9.41	6.02	371	40	0.98	2.66	0.32	65	0.69	311	124	29	0.58	80
HK21-006	385	386	1	D138579	Original		0.25	11.65	21	0.005	6120	0.7	13.2	0.25	467	24	140	0.021	1.96	41	19	7.56	7.71	9.21	18.9	21.9	3	3.17	7.47	6.68	320	70	0.69	4.62	0.32	33	0.97	335	143	90	1.04	52
HK21-006				D138580	Control	BLANK	0.25	0.08	2.5	0.0025	88.2	0.0	30.0	0.25	3.2	1	5	0.002	0.49	0.5	0.14	0.08	0.02	0.08	0.3	0.18	0.05	0.03	0.04	40.3	2.5	10	0.01	21.30	0.06	0.5	0.03	1.5	1	0.5	0.03	7
HK21-006	386	388	1.54	D138581	Original		0.25	10.35	11	0.01	5770	0.6	19.1	0.5	501	15	80	0.012	0.92	29	16.45	7.2	7.74	7.22	16.5	21.5	2.7	2.8	7.00	10.15	353	40	0.78	3.09	0.29	23	0.66	373	134.5	34	1.02	36
HK21-006	387.5	389	1.1	D138582	Original		0.25	10.2	16	0.008	5210	0.6	13.9	0.25	348	29	310	0.045	2.18	43	8.66	3.47	5.26	8.2	17.5	13.5	4.3	1.41	7.71	7.87	232	60	0.38	7.15	0.23	30	0.60	219	105.5	166	0.85	18
HK21-006	388.6	390	1.02	D138583	Original		0.25	12.7	9	0.519	8170	0.9	11.8	0.25	220	16	120	0.018	1.31	32	7.92	3.92	3.98	7.17	18.1	10.2	3.5	1.39	7.97	4.72	145.5	50	0.46	3.32	0.23	47	1.20	217	72.6	50	0.50	13
HK21-006	389.7	391	1.44	D138584	Original		0.25	11.4	15	0.005	6980	0.8	13.6	0.25	440	22	150	0.022	1.98	24	17.2	7.68	7.65	8.16	19.9	21.2	3.8	3.05	7.88	6.37	301	90	0.84	5.29	0.31	37	0.65	337	144	90	0.96	27
HK21-006	391.1	392	0.74	D138585	Original		0.25	13.05	10	0.012	7760	0.9	12.7	0.25	288	16	70	0.012	1.57	52	5.57	2.85	3.08	6.63	17	8.08	3.1	1.03	7.95	5.9	225	60	0.35	3.48	0.23	46	1.14	166	79	35	0.60	28
HK21-006	391.8	393	1.16	D138586	Original		0.25	11.5	27	0.012	4520	0.5	14.2	0.25	380	39	90	0.014	4.25	59	11.3	5.03	6.04	11.75	17.6	15.9	5.7	1.93	6.44	8.55	221	110	0.51	6.60	0.31	29	0.53	261	140	62	1.53	10
HK21-006	393	394	1	D138587	Original		0.25	12.8	15	0.028	3330	0.4	13.0	0.25	400	31	70	0.011	5.24	39	9.56	4.29	5.35	11.5	18.7	13.7	5.8	1.7	5.25	9.83	247	90	0.52	5.56	0.30	184	1.57	203	133.5	45	1.18	12
HK21-006	394	395	1	D138588	Original		0.25	8.52	23	0.025	5110	0.6	21.3	0.25	632	28	60	0.010	2.79	43	30.9	14.3	12.3	12.25	15.3	36.3	5.1	5.35	3.68	16.1	374	90	1.73	5.68	0.40	98	0.55	387	219	50	1.50	62
HK21-006	395	396	1	D138589	Original		0.25	10.85	32	0.008	4980	0.5	16.4	0.25	1025	39	130	0.019	4.74	45	17.7	8.63	11.75	10.7	19.1	28.6	5.5	3.12	4.80	11.85	645	80	1.08	7.06	0.47	287	1.13	438	329	91	1.54	29
HK21-006				D138590	Control	OREAS 520	0.25	10.85	163	0.178	8680	0.9	5.9	0.25	86.3	212	50	0.007	0.76	3170	3.96	2.59	1.3	24.5	20.2	3.95	3.8	0.8	4.21	6.31	90.7	20	0.35	2.11	0.32	62	1.83	7.4	23.9	83	0.17	6
HK21-006	396	397	1	D138591	Original		0.25	12.1	30	0.012	6360	0.7	13.4	0.25	549	37	80	0.012	3.83	41	12.15	6.02	6.69	10.85	18.3	17.75	4.2	2.24	6.41	8.98	369	110	0.67	6.44	0.38	212	0.74	345	170.5	63	1.42	18
HK21-006	397	398	1	D138592	Original		0.25	8.63	26	0.013	9710	1.0	24.4	0.6	947	29	100	0.016	2.63	44	40.5	13.35	19.5	9.01	15.7	63.7	4.1	5.93	4.15	16.2	624	80	1.67	4.48	0.34	173	0.67	358	282	60	0.83	52
HK21-006	398	399	1	D138593	Original		0.25	6.81	37	0.005	3070	0.3	19.5	0.5	332	51	750	0.102	2.68	99	8.16	3.54	5.35	11.2	16.1	14.7	6.4	1.23	4.95	13.65	177.5	20	0.31	11.20	0.25	23	0.23	226	142	274	1.39	17
HK21-006	399	400	1	D138594	Original		0.25	8.7	31	0.05	3110	0.3	17.3	0.7	305	48	450	0.065	3.62	88	13.45	5.39	6.07	11.65	20.3	17.8	6	2.25	5.30	11.5	172	60	0.58	9.87	0.26	79	0.73	308	127.5	172	1.27	27
HK21-006	400	401	1	D138595	Original		0.25	12.05	18	0.019	4660	0.5	16.0	0.5	719	36	90	0.014	5.73	46	18.4	8.13	9.63	12.35	19.8	27.6	5.2	3.2	4.64	8.84	434	90	0.82	6.45	0.44	79	1.84	270	244	70	1.52	57
HK21-006	401	402	1	D138596	Original		0.25	11.3	18	0.017	2960	0.3	14.6	0.5	397	40	170	0.024	4.32	51	24.3	10.55	8.23	12.2	18.8	27.2	6.1	4.24	4.01	7.32	210	60	0.85	7.94	0.27	39	1.60	293	156.5	86	2.01	22
HK21-006	402	403	1	D138597	Original		0.25	6.19	27	0.005	4420	0.5	26.0	1.8	922	36	270	0.041	1.49	45	34.4	12.15	18.65	11.45	15.1	54.7	3.8	5.48	3.32	14.45	478	50	1.18	7.99	0.41	61	0.37	401	382	115	2.33	67
HK21-006	403	404	1	D138598	Original		0.25	10.5	27	0.015	6190	0.7	15.0	0.25	323	45	240	0.036	2.73	58	11	4.11	6.21	12.05	18.6	18.15	5.9	1.77	4.63	6.22	202	100	0.45	9.04	0.30	134	1.11	230	126.5	146	1.20	23
HK21-006	404	405	1.35	D138599	Original																																					

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK21-006	375	376	1.03	D138567	84.3	114.5	17	24.7	49.3	2	2910	0.33	6.2	4.27	37.6	2.29	5	1.14	97.57	5.76	386	21	109	6.35	431	205									0.012918	0.055218	7.570513	0.030251	42.78504	0.215578	
HK21-006	376	377	1	D138568	24.4	135	21	28.8	15.3	1	2180	0.25	5.4	1.29	9.5	2.33	5	0.3	98.23	2.45	241	12	26.4	1.54	115	234									0.004306	0.019241	6.593672	0.008209	10.81005	0.059192	
HK21-006	377	378	1.01	D138569	38.6	90.3	17	23.1	19.05	1	1520	0.18	4	1.55	16.6	1.63	5	0.47	97.62	2.34	233	9	36.3	2.89	83	167									0.004306	0.016666	4.884202	0.010863	18.88914	0.104716	
HK21-006				D138570	753	6.4	47	28.2	379	30	780	0.09	24.6	14.15	261	3.08	5	1.26	99.26	6.33	416	3	137	5.29	255	606															
HK21-006	378	379	0.99	D138571	23	92.1	20	31.2	13.7	1	1970	0.23	5.1	1.27	9.24	2.01	5	0.41	97.71	2.38	212	8	31.7	2.49	65	226									0.006459	0.015593	6.227357	0.008862	10.514196	0.055994	
HK21-006	379	380	1	D138572	26.7	134	24	26.1	15.5	1	3380	0.39	5.4	1.24	14.25	1.76	5	0.29	98.09	2.97	263	16	25.2	1.65	167	199									0.010765	0.018597	6.593672	0.008032	16.215075	0.06572	
HK21-006	380	381	1	D138573	22.1	125.5	24	28.6	13.55	1	2010	0.23	5.2	1.19	11.1	1.97	5	0.28	98.59	2.63	225	21	23.8	1.65	65	203									0.002153	0.01638	6.349462	0.007473	12.63069	0.051849	
HK21-006	381	382	1.18	D138574	25.7	138.5	20	31.6	16.6	1	2680	0.32	5.7	1.57	19.6	2.41	5	0.36	98.65	2.92	299	8	31.4	2.01	118	224									0.010765	0.025034	6.959987	0.009578	22.30284	0.069352	
HK21-006	381	382	1.18	D138575	25.6	142.5	21	31.6	16.9	1	2710	0.32	5.6	1.59	19.6	2.39	5	0.38	98.51	2.92	301	9	31.9	2.05	117	227															D138574
HK21-006	382.2	383	0.82	D138576	35.3	140.5	13	49.5	16.6	2	1975	0.24	3.6	1.55	76.2	0.61	5	0.46	100.22	136.5	520	8	39.5	2.77	126	140									0.006459	0.132324	4.395782	0.010774	86.70798	0.122841	
HK21-006	383	384	1	D138577	102	133.5	17	40.8	73.1	1	3160	0.36	2.1	8.19	326	0.64	5	1.38	98.6	6.09	441	4	132.5	7.55	223	99									0.008612	0.055361	2.564206	0.042653	370.9554	0.302949	
HK21-006	384	385	1	D138578	41.3	162	18	46.2	23.7	1	2650	0.3	1.6	5.38	171	0.48	5	1.38	98.81	7.28	440	7	131	7.11	211	114									0.008612	0.044489	1.953681	0.03055	194.5809	0.15013	
HK21-006	385	386	1	D138579	43	153	19	40.6	25.6	1	3100	0.35	4	3.73	96.5	0.89	5	0.94	97.67	9.73	511	6	89.7	5.05	172	157									0.015071	0.047923	4.884202	0.022375	109.80735	0.135885	
HK21-006				D138580	0.31	1.4	0.5	7.71	0.22	0.5	133	0.01	0.05	0.02	0.61	0.01	5	0.01	99.66	0.52	6	0.5	0.9	0.06	26	2															
HK21-006	386	388	1.54	D138581	43.2	153.5	14	37.8	26.1	1	5170	0.6	2.6	3.34	97	0.46	5	0.92	98.33	19.6	515	5	80.8	5.44	211	113									0.008612	0.053359	3.174731	0.020892	110.3763	0.141331	
HK21-006	387.5	389	1.1	D138582	31.6	185.5	16	40	18.15	2	3000	0.35	4.4	1.79	42.2	1.34	5	0.46	98.96	5.45	422	5	41.2	2.62	132	199									0.012918	0.031329	5.372622	0.011654	48.01938	0.09542	
HK21-006	388.6	390	1.02	D138583	21.6	168	11	47.1	13.25	1	2670	0.3	2.5	1.54	32.8	0.78	5	0.51	98.64	5.64	519	7	41.3	3.19	116	173									0.010765	0.031042	3.052626	0.010585	37.32312	0.064236	
HK21-006	389.7	391	1.44	D138584	42.5	182	13	41.1	24.9	2	3830	0.44	4.3	3.38	74.7	0.93	5	1.03	97.87	7.09	471	6	87.7	5.86	202	224									0.019377	0.048209	5.250517	0.021825	85.00113	0.130042	
HK21-006	391.1	392	0.74	D138585	25.2	139	10	45.3	11.25	1	4050	0.47	2.8	1.18	25	0.73	5	0.41	99.04	4.59	262	7	30.5	2.34	145	142									0.012918	0.023747	3.418941	0.008038	28.4475	0.080186	
HK21-006	391.8	393	1.16	D138586	39.5	156.5	16	32.2	22.2	2	3220	0.37	7	2.25	34.2	2.62	5	0.65	97.09	3.72	337	7	53.6	3.86	179	297									0.023683	0.037337	8.547353	0.014837	38.91618	0.105957	
HK21-006	393	394	1	D138587	39.3	128	11	33.7	19.45	2	3220	0.36	6.7	1.94	26.1	2.41	5	0.6	97.82	3.05	295	33	49.3	3.43	153	296									0.019377	0.02904	8.181038	0.013239	29.69919	0.109005	
HK21-006	394	395	1	D138588	63.8	89.6	12	23.9	38.1	1	4060	0.46	5.6	5.84	179	1.94	5	2.02	96.84	7.2	330	13	151	11.9	162	341									0.019377	0.055361	6.837882	0.037451	203.6841	0.187676	
HK21-006	395	396	1	D138589	100.5	120	15	29.1	43.9	2	3530	0.39	6.5	3.69	74.4	2.23	5	1.12	97.06	6.81	488	30	86.8	7.14	191	355									0.017224	0.062657	7.936828	0.025635	84.65976	0.271045	
HK21-006				D138590	7.23	112	17	41.1	4.41	5	109.5	0.01	0.6	0.68	10.4	0.88	5	0.36	99.14	18.1	292	44	23	2.33	25	135															
HK21-006	396	397	1	D138591	52	137.5	14	33.6	24.6	1	3060	0.35	5.6	2.4	45.6	2.13	5	0.77	97.44	5.06	341	28	64.1	4.62	198	228									0.023683	0.049353	6.837882	0.017119	51.88824	0.150394	
HK21-006	397	398	1	D138592	84.2	85.5	15	24.8	52.6	2	4300	0.48	5	8.77	320	2.11	5	1.86	97.13	4.91	290	33	155	12.7	234	187									0.017224	0.051213	6.105252	0.045095	364.128	0.270933	
HK21-006	398	399	1	D138593	37.1	117	23	25.3	20.2	2	2820	0.33	8.6	1.63	22	3	5	0.45	98.25	5.14	358	20	36.8	2.36	125	280									0.004306	0.03233	10.501034	0.011355	25.0338	0.091775	
HK21-006	399	400	1	D138594	32.8	123.5	23	27.7	20.9	3	2700	0.31	8.7	2.39	33.8	3.14	5	0.7	98.14	3	384	25	64.4	4.32	181	243									0.012918	0.04406	10.623139	0.016687	38.46102	0.091018	
HK21-006	400	401	1	D138595	68.7	116	14	33.4	36.5	2	4350	0.49	5.3	3.58	129	2.57	5	1.08	101.08	3.09	321	18	90.7	6.58	214	260									0.019377	0.038624	6.471567	0.024833	146.7891	0.196034	
HK21-006	401	402	1	D138596	41.1	104	16	33.5	27.8	2	3450	0.39	8.2	4.25	57.8	2.64	5	1.33	98.11	5.47	321	26	121.5	7.07	166	314									0.012918	0.041914	10.012613	0.028765	65.77062	0.122468	
HK21-006	402	403	1	D138597	97.1	72.2	14	22.3	67	2	7120	0.82	9.9	7.02	150	2.17	5	1.52	98.31	7.3	332	12	145.5	9.2	491	209									0.010765	0.057364	12.088399	0.04284	170.685	0.262001	
HK21-006	403	404	1	D138598	33.9	103.5	19	33.9	21.7	2	4300	0.5	5.7	2.19	35.7	2.71	5	0.54	97.88	2.78	326	26	49.6	3.25	158	252									0.02153	0.032902	6.959987	0.014296	40.62303	0.094289	
HK21-006	404	405	1.35	D138599	45.1	102.5	16	33.2	29.8	2	5840	0.66	5.9	4.25	90.1	2.56	5	1	97	2.91	411	9	92.1	6.36	240	212									0.032296	0.070954	7.204197	0.025287	102.52479	0.136797	
HK21-006				D138600	0.32	1.1	0.5	18.6	0.19	0.5	131.5	0.01	0.1	0.005	0.36	0.01	5	0.01	99.95	0.33	7	1	0.9	0.07	19	2															
HK21-006	405.4	406	0.65	D138601	48.6	102	12	41.6	27.6	2	3600	0.4	6.4	3.29	80.2	1.4	5	0.71	98.78	7.46	320	13	71.6	4.55	158	194									0.027989	0.057507	7.814723	0.0			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-008				D140420	Control	BLANK	0.25	0.17	2.5	0.0025	209	0.0	27.6	0.25	12.2	0.5	10	0.002	0.85	5	0.32	0.15	0.14	0.17	0.3	0.51	0.05	0.03	0.12	29.5	7.5	10	0.005	20.40	0.06	1	0.03	4.3	4.2	3	0.04	11
HK21-008	128	129	1	D140421	Original		0.25	6.94	22	0.0025	6820	0.7	20.6	0.25	717	45	410	0.059	2.52	111	18.1	7.3	10.45	10.35	15.1	28.3	5.1	2.78	3.51	12.25	420	50	0.69	11.90	0.37	44	0.08	250	236	238	1.57	18
HK21-008	129	130	1	D140422	Original		0.25	11.15	21	0.0025	6040	0.6	14.8	0.25	1150	35	170	0.025	3.33	75	26.3	11.45	15.5	10.5	18.2	40.8	4.5	4.05	4.55	8.91	672	100	1.08	8.15	0.44	79	0.75	560	355	119	0.94	20
HK21-008	130	131	1	D140423	Original		0.25	11.4	26	0.0025	3700	0.4	15.9	0.25	1305	31	120	0.018	1.59	56	33.6	14	16.15	8.96	20	43.8	3.6	5.59	5.04	11.5	761	140	1.39	6.58	0.41	53	0.31	539	417	85	2.09	26
HK21-008	131	132	1	D140424	Original		0.25	8.41	24	0.0025	7830	0.9	16.6	0.25	1225	43	220	0.033	1.61	76	36.2	13.4	23.1	13.3	23.2	60.6	2.8	5.52	4.48	8.45	695	100	1.26	7.75	0.57	83	0.26	1670	424	131	1.46	53
HK21-008	131	132	1	D140425	FieldDup		0.25	8.32	24	0.0025	7550	0.8	17.4	0.25	1230	41	210	0.033	1.59	75	35.1	12.65	21.5	13.2	21.9	58.4	3.2	5.26	4.55	8.77	698	100	1.22	7.63	0.56	110	0.25	1555	416	132	1.53	58
HK21-008	132	133	1	D140426	Original		0.25	8.67	19	0.0025	4510	0.5	19.4	1	1660	28	80	0.013	1.54	67	44.2	18.65	23.4	12.35	21.5	63.4	1.8	7.26	4.01	8.4	989	70	1.87	5.95	0.79	63	0.57	466	531	64	1.51	123
HK21-008	133	134	1	D140427	Original		0.25	9.41	29	0.006	4710	0.5	14.0	2	2060	40	160	0.024	2.94	104	39.9	15.35	28	16.5	25.2	70.8	2.3	6.4	4.23	5.64	1235	70	1.53	7.07	0.91	80	0.45	961	643	91	2.05	212
HK21-008	134	135	1	D140428	Original		0.25	8.56	23	0.014	6540	0.7	16.6	0.25	749	45	110	0.017	1.06	111	55.6	20.6	22.5	14.95	21.9	67.5	1.5	8.76	4.21	6.41	433	60	1.85	7.04	0.75	60	0.13	594	255	94	1.10	66
HK21-008	135	136	1	D140429	Original		0.25	5.45	39	0.015	6430	0.7	27.7	0.25	832	40	70	0.011	0.59	91	160	64.5	39.7	9.65	17.1	143	1	26.4	3.16	13	435	70	4.52	5.64	0.52	138	0.10	1015	325	68	4.66	78
HK21-008				D140430	Control	OREAS 462	0.25	10.95	38 NSS		1115	0.1	1.8	0.25	5390	20	610	0.082	0.46	62	51.6	11.85	78.3	48.1	61.5	153	14.8	6.55	0.17	1.28	3870	10	0.59	1.77	0.12	46	0.22	1525	2830	143	1.08	116
HK21-008	136	137	1	D140431	Original		0.25	11.35	22	0.01	8460	0.9	16.0	0.25	1360	24	120	0.018	2.08	50	29.8	12.8	13.25	9.89	18.4	37.2	2.3	5.11	4.66	7.25	905	90	1.44	6.85	0.66	99	0.94	504	352	67	1.15	38
HK21-008	137	138	1	D140432	Original		0.25	12.3	13	0.007	5350	0.6	11.3	0.25	461	37	120	0.018	2.16	73	18.4	8.7	8.21	12.1	17.5	22.7	3.5	3.25	4.18	8.54	279	90	0.96	7.42	0.37	108	1.20	458	160	97	1.16	21
HK21-008	138	139	1	D140433	Original		0.25	12.05	28	0.006	6640	0.7	15.7	0.25	1065	29	90	0.014	1.93	45	20.7	9.06	11.5	9.86	18.6	29.1	3.6	3.48	5.06	8.11	667	100	1.05	6.63	0.51	99	0.85	460	307	82	1.38	24
HK21-008	139	140	1.08	D140434	Original		0.25	9.95	19	0.0025	4800	0.5	18.0	0.25	2240	36	220	0.032	3.14	71	31.5	13.3	20.3	13	21.9	44.7	2.6	5.32	3.17	9.86	1360	70	1.27	6.49	0.64	35	1.17	418	656	172	1.35	54
HK21-008	140.1	141	0.92	D140435	Original		0.25	11.8	16	0.0025	4420	0.5	12.8	0.25	396	40	140	0.020	3.54	53	9.86	4.59	5.83	10.05	16	13.65	4.9	1.63	3.54	11.45	208	50	0.56	5.98	0.25	116	1.67	216	150.5	114	1.71	27
HK21-008	141	142	1	D140436	Original		0.25	13.65	6	0.0025	2060	0.2	12.4	0.25	187.5	40	210	0.031	0.91	58	6.87	3.33	3.07	9.66	17.2	9.13	3.3	1.24	2.23	14.85	91.7	80	0.31	4.44	0.23	3	1.20	106.5	75.9	132	0.98	18
HK21-008	142	143	0.93	D140437	Original		0.25	13.35	7	0.0025	1400	0.2	12.3	0.25	190	52	350	0.049	0.71	18	7.08	3.36	3.16	11.25	16.8	9.2	3.3	1.23	1.96	14	90.8	80	0.32	5.53	0.24	3	1.30	103	73.1	208	0.92	13
HK21-008	142.9	144	1.07	D140438	Original		0.25	8.39	14	0.0025	2220	0.2	20.0	0.25	1165	67	150	0.023	2.12	98	21	10.2	12.55	8.18	16.3	31.9	3.3	3.89	3.06	18.9	662	40	0.93	5.11	0.54	24	0.66	767	365	135	2.42	12
HK21-008	144	145	1	D140439	Original		0.25	10.65	12	0.0025	4250	0.5	17.4	0.25	1655	42	190	0.029	2.59	96	26	11.9	17.4	7.17	21.7	40.3	4	4.51	4.65	14.75	901	80	1.05	5.99	0.53	34	1.20	1735	516	105	2.53	5
HK21-008				D140440	Control	BLANK	0.25	0.61	2.5	0.0025	343	0.0	25.6	0.25	66	2	10	0.003	0.37	9	1.43	0.52	0.71	0.57	1.6	1.78	0.3	0.26	0.34	26.8	36.8	30	0.06	17.95	0.07	2	0.13	74.3	21.5	6	0.13	4
HK21-008	145	146	0.88	D140441	Original		0.25	6.95	13	0.0025	5180	0.5	24.1	0.25	2340	43	170	0.025	1.85	75	30.3	13.15	21.1	5.57	20	48.6	2.1	5	3.49	22.4	1385	50	0.92	6.02	0.87	26	0.92	1400	684	91	2.37	13
HK21-008	145.9	147	1.12	D140442	Original		0.25	17.7	10	0.0025	3010	0.3	6.8	0.25	259	15	10	0.002	2.15	11	6.75	4.22	3.23	5.04	14.8	7.83	4.1	1.2	5.36	9.41	138.5	40	0.54	2.33	0.20	28	2.48	260	84	32	0.57	7
HK21-008	147	148	1	D140443	Original		0.25	11.7	18	0.0025	4740	0.5	15.2	0.25	350	20	10	0.003	1.31	109	8.83	5.09	4.29	5.99	12	10.55	2.9	1.7	5.59	17.1	188	30	0.54	4.11	0.85	29	0.49	264	115.5	34	0.63	13
HK21-008	148	149	1	D140444	Original		0.25	8.93	20	0.0025	7240	0.7	14.1	0.25	1720	51	270	0.040	2.75	80	27.8	11.65	17.6	10.3	21.2	39.1	2.4	4.44	4.92	15.35	952	30	0.99	7.14	0.76	27	0.40	1575	526	124	2.64	6
HK21-008	149	150	1	D140445	Original		0.25	6.29	23	0.0025	4000	0.4	20.6	0.25	2380	58	320	0.045	2.72	72	41.4	16.85	26.2	8.31	22.7	59.8	2.9	6.76	3.29	18.45	1320	20	1.09	8.59	0.67	16	0.40	1750	758	185	4.55	18
HK21-008	150	151	1	D140446	Original		0.25	6.41	24	0.0025	2550	0.3	27.7	0.25	3460	75	160	0.023	2.13	86	62.4	26.4	38.5	7.14	26.8	90.8	5.7	10.55	2.54	15.35	1790	60	1.95	4.08	0.44	12	0.31	3300	1150	191	8.24	18
HK21-008	151	152	1	D140447	Original		0.25	4.43	27	0.0025	2850	0.3	26.8	0.25	2530	32	140	0.021	2.05	39	41.3	18.1	26	6.82	19.2	62	2.7	7.11	1.82	25.4	1435	20	1.47	7.55	0.62	21	0.43	2000	799	125	5.17	21
HK21-008	152	153	1	D140448	Original		0.25	4.03	32	0.0025	5010	0.5	30.4	0.25	3040	65	110	0.018	2.18	103	64.5	27.3	35.8	7.83	21.8	87.2	3.1	10.75	1.86	18.85	1675	20	2.13	6.04	0.49	22	0.09	1260	1015	191	8.36	22
HK21-008	153	154	1	D140449	Original		0.25	6.43	9	0.0025	6610	0.7	19.0	0.25	1385	46	530	0.076	3.13	53	22.4	9.35	13.95	10.95	18.7	32.3	3.9	3.77	5.18	13.4	797	50	1	11.80	0.48	12	0.16	629	441	256	1.69	10
HK21-008				D140450	Control	OREAS 520	0.25	11.05	162	0.175	8790	0.9	6.0	0.25	89.8	205	40	0.007	0.77	3100	4.16	2.4	1.1	24.5	19.9	4.22	3.9	0.79	4.25	6.11	90.5	20	0.34	2.11	0.33	61	1.92	7.6	23.6	82	0.19	7
HK21-008	154	155	1	D140451	Original		0.25	9.14	16	0.0025	4500	0.5	19.8	0.25	1680	40	160	0.025	2.65	68	27.7	12.8	17.05	9.43	20.4	39.9	3.9	4.76	4.15	11.6	928	70	1.19	8.30	0.45	28	0.88	1160	517	98	2.89	12
HK21-008	155	156	1	D140452	Original		0.2																																			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number				
HK21-008				D140420	1.29	3.4	0.5	21	0.75	0.5	131	0.02	0.05	0.04	1.34	0.02	0.5	0.02	99.15	0.7	7	1	1.6	0.19	78	4																			
HK21-008	128	129	1	D140421	68.1	90.3	27	26.9	36.3	2	3240	0.38	5.6	3.69	50	2.01	0.5	0.92	97.65	5.37	295	22	79.6	5.36	115	232																			
HK21-008	129	130	1	D140422	106.5	106.5	21	32.3	53	2	3290	0.38	7.3	5.24	108.5	1.71	10	1.32	95.25	4.69	305	8	114.5	8.51	203	241																			
HK21-008	130	131	1	D140423	123.5	101.5	16	30.3	60.5	2	3430	0.4	7.7	6.33	140	1.58	0.5	1.78	94.89	7.96	311	11	148	10.8	143	225																			
HK21-008	131	132	1	D140424	119.5	83.2	20	27.3	77.4	4	3030	0.36	11.1	7.91	273	2.7	0.5	1.54	92.52	5.81	630	16	141.5	9.61	212	162																			
HK21-008	131	132	1	D140425	117.5	85.8	20	27.2	71.6	4	3210	0.38	11.1	7.46	259	2.57	10	1.61	93.16	5.81	598	15	141.5	9.26	219	176																			
HK21-008	132	133	1	D140426	158	61	23	30.3	83.3	3	4220	0.5	1.3	8.61	266	0.92	0.5	2.39	93.81	5.29	430	5	191.5	13.85	322	85																			
HK21-008	133	134	1	D140427	192.5	90.6	25	33.2	102	4	2680	0.3	2.9	8.71	302	1.96	0.5	1.88	96.17	3.23	663	11	171.5	11.2	788	105																			
HK21-008	134	135	1	D140428	71.2	62.9	26	29.2	61	3	2480	0.29	1.7	10.35	227	1.23	0.5	2.47	91.16	2.63	473	9	249	13.9	268	60																			
HK21-008	135	136	1	D140429	84.7	41.9	15	18.2	91.6	3	3830	0.44	3	27.5	319	1.55	0.5	7.29	90.73	6.11	525	14	737	39	183	85																			
HK21-008				D140430	795	6.2	45	28.1	377	32	778	0.09	24.6	13.7	239	2.94	0.5	1.16	96.77	5.77	401	4	136.5	5.04	236	639																			
HK21-008	136	137	1	D140431	115.5	82.3	17	34.1	47	2	3050	0.37	6.5	5.61	151	1.05	10	1.71	95.12	5.11	333	19	146	10.75	231	154																			
HK21-008	137	138	1	D140432	45.9	68.7	22	36.2	28.2	3	2250	0.27	5.5	3.43	72.8	1.58	10	1.13	97.14	6.39	391	14	82	6.36	187	194																			
HK21-008	138	139	1	D140433	95	122	12	33.5	42	2	3330	0.39	6.7	3.82	84.7	1.26	0.5	1.07	95.98	5.19	286	13	95	6.94	178	225																			
HK21-008	139	140	1.08	D140434	205	76.5	17	30.2	77.8	3	4340	0.52	6.2	6	236	1.08	0.5	1.78	95.91	5.7	208	8	145.5	10.2	273	152																			
HK21-008	140.1	141	0.92	D140435	42.4	75	16	35.9	20.2	1	2040	0.24	6.8	1.95	23.3	1.49	0.5	0.57	97.35	6.62	185	7	48	3.95	131	300																			
HK21-008	141	142	1	D140436	20.6	46	22	35.3	11.7	1	1145	0.14	4.9	1.21	7.37	1.4	0.5	0.43	96.73	2.07	203	2	36.4	2.49	23	169																			
HK21-008	142	143	0.93	D140437	20.3	40	24	34.8	11.45	1	1170	0.14	4.8	1.38	6.04	1.37	10	0.48	97.31	2.37	201	2	43.2	3.05	23	173																			
HK21-008	142.9	144	1.07	D140438	110	77.4	18	27.3	48.4	1	1990	0.24	7.7	4.13	72.4	0.68	0.5	1.27	95.74	26.9	172	7	105	7.24	44	215																			
HK21-008	144	145	1	D140439	157.5	126.5	21	30.8	66.1	2	2110	0.25	17.8	5.22	150	0.83	0.5	1.5	97.23	67.5	197	3	117.5	8.24	137	258																			
HK21-008				D140440	6.59	6.9	1	27.5	2.76	1	227	0.03	0.8	0.22	7.1	0.05	0.5	0.08	99.82	3.48	30	1	6.3	0.38	24	15																			
HK21-008	145	146	0.88	D140441	213	95.8	11	23.1	81.1	1	2460	0.29	11.1	6.27	87.6	0.63	0.5	1.57	97.28	25	127	5	126	8.27	73	133																			
HK21-008	145.9	147	1.12	D140442	25.6	111	2	47.3	10.85	1	1035	0.12	12.9	1.14	20.6	0.7	0.5	0.54	98.31	6.88	52	7	38.9	3.9	18	301																			
HK21-008	147	148	1	D140443	34.5	112.5	3	32.2	15.1	1	1490	0.17	8.4	1.55	24.1	0.53	0.5	0.6	95.04	7.3	55	8	50.2	4.08	10	211																			
HK21-008	148	149	1	D140444	162	132.5	13	28.5	67.8	1	2060	0.24	10.4	5.17	118	1.56	0.5	1.44	95.57	13.95	239	11	114.5	8.53	96	194																			
HK21-008	149	150	1	D140445	227	117	11	21.1	99.3	2	3030	0.35	10.7	7.99	137.5	1.59	0.5	2.1	94.66	26.4	261	13	173.5	10.15	90	183																			
HK21-008	150	151	1	D140446	341	83.6	17	19.4	148	2	5480	0.62	30.7	11.7	239	1.02	0.5	3.06	93.53	99.8	218	5	280	17.85	52	392																			
HK21-008	151	152	1	D140447	240	65	11	15.65	100	2	4270	0.5	18.1	7.97	163	0.87	0.5	2.25	96.38	54.7	155	19	187.5	12.9	53	199																			
HK21-008	152	153	1	D140448	300	69.7	9	15.3	135.5	1	6580	0.77	10.8	11.9	245	0.64	0.5	3.32	95.2	55.8	177	32	289	18.25	79	295																			
HK21-008	153	154	1	D140449	133	154.5	16	25.1	56.3	2	5470	0.67	8.7	4.27	64.6	2.04	10	1.15	97.69	9.89	264	4	100.5	6.56	169	210																			
HK21-008				D140450	7.29	108.5	17	41.9	4.22	7	106.5	0.01	0.4	0.64	9.35	0.88	0.5	0.38	100.19	16.55	295	49	21.8	2.36	24	142																			
HK21-008	154	155	1	D140451	159	122.5	16	28.3	64.3	1	5310	0.7	7.5	5.21	92.1	1.83	0.5	1.6	98.02	10.2	301	9	124	9.37	190	301																			
HK21-008	155	156	1	D140452	116.5	92.2	19	28.8	58.2	2	5450	0.68	6.2	5.48	62	1.65	0.5	1.61	99.48	8.32	307	6	137.5	10.15	224	218																			
HK21-008	156	157	1	D140453	142	68	11	30.2	63.7	2	6080	0.75	6.3	5.98	88.1	1.06	0.5	2.02	99.07	6.41	243	6	145	12.25																					

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-008	175.1	176	1.39	D140474	Original		0.25	14	7	0.0025	1975	0.2	12.7	0.25	358	27	30	0.005	1.37	27	7.72	4.21	4.11	8.71	16.8	11.45	5	1.47	5.25	14.45	182.5	50	0.45	2.56	0.30	5	0.78	278	118.5	45	1.29	7
HK21-008	175.1	176	1.39	D140475	FieldDup		0.25	13.95	7	0.0025	1905	0.2	12.6	0.25	350	26	30	0.004	1.4	28	7.97	4.24	3.87	8.7	16.5	9.84	4.9	1.42	5.14	14.55	178	50	0.41	2.49	0.29	5	0.77	265	116.5	43	1.29	8
HK21-008	176.4	177	0.56	D140476	Original		0.25	4.48	28	0.0025	3340	0.3	30.7	0.5	2660	54	140	0.020	3.28	85	47.3	20.6	29.2	7.03	21.4	74.2	5.4	7.88	2.74	17.9	1435	40	1.63	6.32	0.56	14	0.18	1940	849	142	8.70	18
HK21-008	177	178	1	D140477	Original		0.25	7.42	16	0.0025	5910	0.6	18.5	0.25	1975	71	170	0.027	5.57	83	22.5	9.82	15.75	11	22.9	36	5.5	3.62	5.15	11.3	1045	70	0.86	9.60	0.47	53	0.20	2230	566	134	3.00	1
HK21-008	178	179	1	D140478	Original		0.25	7.8	13	0.0025	5620	0.6	16.2	0.25	2230	70	130	0.019	6.03	80	26.6	10.5	18.9	11.95	24.4	43.1	4.2	4.27	4.83	8.4	1180	80	0.82	10.20	0.45	38	0.52	2080	656	112	3.58	1
HK21-008	179	180	1	D140479	Original		0.25	8.14	12	0.0025	4690	0.5	14.9	0.25	1420	68	90	0.013	4.42	76	22.7	8.4	14.7	17.3	24.4	36.5	6.6	3.53	3.78	6.61	758	50	0.69	10.45	0.50	14	0.49	1015	449	95	3.04	2
HK21-008				D140480	Control	BLANK	0.25	0.11	2.5	0.0025	5210	0.5	26.9	0.25	18	2	0.5	0.001	0.38	5	0.35	0.09	0.1	0.27	0.5	0.53	0.1	0.05	0.04	33.1	10.2	10	0.01	21.00	0.05	0.5	0.02	14.2	5.2	1	0.05	4
HK21-008	180	181	1	D140481	Original		0.25	6.48	18	0.009	5860	0.6	23.3	0.25	1170	56	120	0.017	2.92	73	31	12.7	17.15	13.35	19.4	46.8	4.1	4.92	3.31	15	675	60	1.17	8.14	0.55	20	0.45	667	374	94	2.07	24
HK21-008	181	182	1	D140482	Original		0.25	6.88	17	0.0025	5880	0.6	21.2	0.25	857	49	160	0.024	2.84	42	24.1	10	12.45	12.85	18.4	34.6	5.1	3.96	3.32	12.75	490	60	0.99	8.48	0.39	13	0.55	350	276	87	2.06	19
HK21-008	229.5	231	1.49	D140537	Original		0.25	13.95	6	0.0025	3160	0.3	8.0	0.25	351	41	100	0.015	3.04	52	8.23	3.99	4.82	12.2	16.7	13.05	6.1	1.5	4.03	9.08	170.5	40	0.43	5.25	0.19	3	2.15	171.5	135	82	2.05	10
HK21-008	231	232	1.35	D140538	Original		0.25	12.7	8	0.0025	2440	0.2	9.1	0.25	352	47	100	0.014	2.38	49	9.35	4.32	4.94	12.5	15.9	12.25	5.6	1.61	4.02	11.6	176	30	0.49	5.15	0.25	17	1.69	295	133	91	1.87	11
HK21-008	232.4	233	0.65	D140539	Original		0.25	12.95	25	0.006	3100	0.3	10.7	0.25	1085	51	220	0.032	3.13	85	20.9	9.31	10.8	11.4	22.6	28.4	5.9	3.59	4.00	13	617	80	0.7	6.28	0.40	25	0.85	598	333	145	1.81	15
HK21-008				D140540	Control	BLANK	0.25	0.39	2.5	0.0025	643	0.1	27.4	0.25	15.6	2	10	0.001	0.32	7	0.45	0.19	0.27	0.53	1.1	0.54	0.3	0.08	0.12	32.8	8	10	0.02	21.20	0.06	1	0.06	11	6.2	4	0.07	4
HK21-008	233	234	1	D140541	Original		0.25	12	24	0.005	2480	0.3	13.6	0.5	700	38	250	0.035	2.21	54	16.7	7.95	8.03	9.58	18.5	21.7	5.5	2.85	3.92	16.2	375	50	0.64	5.44	0.40	20	0.71	298	230	128	1.41	13
HK21-008	234	235	1	D140542	Original		0.25	11.2	22	0.0025	4320	0.5	13.8	0.25	508	45	400	0.056	5.08	68	13.3	5.99	6.81	10.65	18.2	18.4	5.5	2.31	3.48	11.3	278	50	0.53	9.62	0.38	18	0.98	313	178	215	1.38	13
HK21-008	235	236	1	D140543	Original		0.25	11.85	17	0.005	4030	0.5	14.6	0.6	1175	42	290	0.040	4.72	68	20.9	9.33	12.3	12.5	22.5	30.1	5.8	3.65	3.57	8.83	651	70	0.7	8.85	0.47	29	1.51	514	384	147	1.93	10
HK21-008	236	237	1	D140544	Original		0.25	12.05	13	0.0025	3060	0.4	15.2	0.25	1535	42	240	0.034	3.43	59	29	12.3	16.5	12.3	22.7	41.9	5.9	4.8	2.76	7.13	819	80	0.91	7.63	0.48	25	1.83	835	505	138	2.42	10
HK21-008	237	238	0.82	D140545	Original		0.25	7.78	20	0.01	6480	0.7	12.9	0.9	1780	127	250	0.033	3.92	151	32.1	13.85	18.5	16.45	24.2	46.7	3.2	5.45	4.09	12.1	968	30	1.01	8.32	0.50	37	0.43	1970	580	221	2.44	12
HK21-008	237.8	239	1.18	D140546	Original		0.25	8.66	14	0.005	5100	0.6	16.6	7.5	2400	74	300	0.043	4.32	83	38.2	15.7	22.7	13.15	24.8	58.1	5	6.27	3.75	8.9	1255	50	1.19	9.25	0.47	25	0.89	1170	774	214	3.38	16
HK21-008	239	240	1	D140547	Original		0.25	10.25	14	0.005	3570	0.4	15.3	0.25	2610	59	370	0.049	3.64	61	44.1	18.1	26.9	13.2	28	69	5.8	7.13	3.42	7.64	1355	70	1.17	8.04	0.46	16	1.28	946	867	205	3.50	18
HK21-008	240	241	1	D140548	Original		0.25	9.31	8	0.009	4990	0.5	12.2	1.3	1100	77	570	0.079	4.62	97	22.6	8.92	12.1	18.7	21.6	31.3	5.3	3.69	3.80	5.75	580	20	0.74	9.87	0.65	9	0.87	394	370	383	1.83	19
HK21-008	241	242	1	D140549	Original		0.25	9.87	13	0.006	9460	1.1	12.0	0.6	1995	78	380	0.053	4.99	96	49.8	21.4	24.2	14.55	26.7	65.4	3.9	8.18	4.19	5.27	1100	40	1.47	10.75	0.50	12	0.95	929	672	223	3.48	16
HK21-008				D140550	Control	OREAS 520	0.25	11.05	168	0.174	8690	1.0	6.2	0.25	88.4	210	50	0.006	0.81	3100	4.24	2.26	1.12	24.7	19.1	4.26	4.1	0.79	4.18	6.14	89.3	20	0.34	2.17	0.33	61	1.88	8	24.6	82	0.18	9
HK21-008	242	243	1	D140551	Original		0.25	8.53	14	0.0025	10000.1	1.3	11.4	0.5	2630	71	330	0.047	7.22	82	53.9	22.2	29.2	12.95	30.6	79.2	2.4	8.92	5.94	4.37	1430	30	1.4	13.20	0.54	18	0.35	799	879	202	4.74	18
HK21-008	243	244	1	D140552	Original		0.25	9.67	9	0.005	5910	0.7	15.6	3.7	3040	49	60	0.009	4.37	55	44.7	18.35	26.9	11.8	28.9	68	5	7.38	3.76	6.14	1650	60	1.22	9.79	0.52	17	0.95	1590	948	96	4.28	12
HK21-008	244	245	1	D140553	Original		0.25	10.65	11	0.005	7040	0.7	13.0	0.6	1630	50	100	0.015	4.63	55	26.1	10.75	16.1	14.55	22.7	41.1	5.6	4.19	4.06	5.61	896	50	0.76	10.00	0.57	18	0.93	697	532	107	2.77	14
HK21-008	245	246	1	D140554	Original		0.25	8.59	8	0.005	5430	0.6	12.5	1	2360	71	180	0.028	3.93	86	43.4	17.05	25.2	19.9	25.6	64.5	5.8	6.88	3.52	5.87	1260	30	1.18	9.56	0.71	53	0.69	1185	789	155	3.37	14
HK21-008	246	247	1	D140555	Original		0.25	6.3	9	0.005	3440	0.4	20.4	0.5	4370	79	90	0.013	3.14	103	65.9	26.5	40.3	13.6	32.2	102	5.7	10.65	2.69	8.07	2320	30	1.55	7.51	0.50	45	0.77	1590	1410	164	5.82	15
HK21-008	247	248	1	D140556	Original		0.25	8.21	7	0.008	3230	0.4	14.4	1.3	3860	90	140	0.020	3.68	103	36.3	13.7	26.7	15.95	31.6	59.2	7	5.67	2.82	6.63	1955	40	1.03	9.30	0.56	20	1.01	2600	1145	161	2.30	4
HK21-008	248	249	1	D140557	Original		0.25	7.3	7	0.005	3360	0.4	16.1	1.1	3330	77	150	0.022	3.65	84	40.9	16.15	28.4	15.9	29.5	67.7	6.3	6.43	3.13	6.18	1650	30	1.02	9.78	0.61	11	0.68	2070	1030	151	3.52	5
HK21-008	249	250	1	D140558	Original		0.25	14.45	6	0.007	2600	0.3	12.1	0.9	1405	43	60	0.010	4.27	46	22.1	9.58	13.5	12.5	21.8	34	4.1	3.6	4.04	5.94	741	70	0.83	6.03	0.56	15	2.02	716	452	60	2.19	18
HK21-008	250	251	1	D140559	Original		0.25	9.43	7	0.008	3690	0.4	15.3	1.1	1805	59	110	0.015	3.57	61	24.9	9.69	16	15.85	24.9	39.9	6.4	4.05	2.94	5.12	993	40	0.75	9.02	0.65	13	1.18	635	554	87	2.85	18
HK21-008				D140560	Control	BLANK	0.25	0.12	2.5	0.005	914	0.1</																														

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK21-008	175.1	176	1.39	D140474	36.7	92.4	9	37.5	17.35	2	810	0.09	8.9	1.38	21.9	1.27	0.5	0.55	99.11	10.55	117	5	41.3	3.12	48	323									0.010765	0.039769	10.867349	0.011216	24.92001	0.092509	
HK21-008	175.1	176	1.39	D140475	35.8	90.3	9	37	16.75	1	793	0.09	8.8	1.5	20.8	1.25	0.5	0.52	98.31	10.45	117	5	40.1	3.09	47	296															D140474
HK21-008	176.4	177	0.56	D140476	264	131	14	17.1	126	2	4540	0.55	23.3	9.46	147.5	1.06	0.5	2.46	97.68	76.7	159	5	216	13.7	210	517									0.008612	0.277522	28.450475	0.065777	167.84025	0.674463	
HK21-008	177	178	1	D140477	186.5	213	22	26.1	72.2	1	3990	0.51	14.1	4.35	75.1	3.72	0.5	1.06	97.58	11.2	294	15	93.7	6.15	272	239									0.015071	0.319007	17.216811	0.031784	85.45629	0.473009	
HK21-008	178	179	1	D140478	214	224	20	28.5	83.3	1	3960	0.47	13.5	5.33	84.4	3.59	0.5	1.25	97.07	4.75	281	9	107	6.32	226	170									0.017224	0.297549	16.484181	0.036716	96.03876	0.537243	
HK21-008	179	180	1	D140479	140	145	22	30.3	66	2	2620	0.31	6.6	4.48	59.1	4.37	0.5	1.03	100.62	2.45	476	14	91.1	6.07	226	232									0.010765	0.145198	8.058933	0.030505	67.24989	0.353961	
HK21-008				D140480	1.82	2.3	0.5	18.9	0.87	0.5	222	0.02	0.05	0.06	0.81	0.04	0.5	0.02	101.01	0.85	10	5	1.6	0.16	25	3															
HK21-008	180	181	1	D140481	113.5	103	21	23.4	64.1	3	7130	0.87	3.4	6.18	176.5	3.01	0.5	1.5	100.53	8.16	525	14	134	9.03	192	168									0.012918	0.095416	4.151571	0.039448	200.83935	0.311844	
HK21-008	181	182	1	D140482	81.4	81.1	25	25.4	49.6	2	4670	0.56	3.2	4.59	96.3	2.84	0.5	1.26	97.87	6.84	463	16	106.5	7.75	174	211									0.012918	0.050068	3.907361	0.030736	109.57977	0.229771	
HK21-008	229.5	231	1.49	D140537	39.5	85.3	17	40.4	20.6	2	1625	0.2	6.5	1.63	13.7	1.92	0.5	0.54	99.78	2.83	193	3	37.4	3.19	71	332									0.008612	0.024534	7.936828	0.011435	15.58923	0.092723	
HK21-008	231	232	1.35	D140538	38.7	80.5	16	37.6	20.5	2	1560	0.19	6.3	1.74	15.65	1.88	0.5	0.58	98.81	3.01	199	7	42.4	3.44	38	321									0.006459	0.0422	7.692618	0.012211	17.808135	0.093923	
HK21-008	232.4	233	0.65	D140539	104	116.5	16	34.1	48.6	2	1935	0.24	17.6	3.66	54.7	2	0.5	1.19	98.07	12.3	339	9	94.9	6.41	101	366									0.017224	0.085545	21.490487	0.027452	62.24313	0.277486	
HK21-008				D140540	1.76	2.8	1	16.95	1.08	0.5	197	0.02	0.1	0.08	0.84	0.06	0.5	0.04	99.72	0.51	13	0.5	1.8	0.18	17	11															
HK21-008	233	234	1	D140541	67.3	109.5	12	33.6	31.8	2	1775	0.2	14.8	3.04	37.5	1.55	0.5	0.94	98.94	11	280	8	79.8	5.43	133	382									0.010765	0.04263	18.071546	0.021553	42.67125	0.181875	
HK21-008	234	235	1	D140542	50.3	148.5	16	33.4	26.1	2	2480	0.29	17.6	2.49	29.8	1.71	0.5	0.69	98.73	8.29	282	6	64.9	3.97	150	371									0.010765	0.044775	21.490487	0.017531	33.90942	0.135997	
HK21-008	235	236	1	D140543	113.5	141	16	35.2	48.4	2	2550	0.3	13.4	3.87	55.4	1.91	0.5	1.08	101.97	8.92	354	11	99.4	5.86	230	334									0.015071	0.073529	16.362076	0.028328	63.03966	0.299928	
HK21-008	236	237	1	D140544	148.5	89	16	35.5	64.4	3	2640	0.31	18.5	5.33	75.9	2.38	0.5	1.44	100.37	10.1	367	11	129	8.49	227	367									0.017224	0.119449	22.589433	0.037723	86.36661	0.389232	
HK21-008	237	238	0.82	D140545	173	173.5	16	23.5	75.7	2	2710	0.33	9.4	6.31	105	4.28	0.5	1.6	93.75	8.61	510	32	136	8.39	186	202									0.006459	0.281813	11.477874	0.041445	119.4795	0.450627	
HK21-008	237.8	239	1.18	D140546	234	159.5	25	30.2	96	2	3440	0.41	12.7	7.49	138.5	2.61	0.5	1.83	98.84	8.5	303	14	168.5	10.25	846	256									0.010765	0.167371	15.50734	0.051127	157.59915	0.596217	
HK21-008	239	240	1	D140547	258	132	26	33.5	110	2	2860	0.33	11.7	8.5	130	2.65	0.5	2.07	99.99	7.97	378	17	185	10.85	167	274									0.015071	0.135328	14.28629	0.057848	147.927	0.652803	
HK21-008	240	241	1	D140548	108.5	157.5	25	33.5	47.7	3	1860	0.23	4.5	4	51.1	2.47	0.5	1.11	99.8	4.59	417	10	96.9	5.8	342	254									0.004306	0.056363	5.494727	0.028214	58.14669	0.280469	
HK21-008	241	242	1	D140549	197.5	186.5	22	33.3	93	2	2180	0.25	7.1	9.34	120	3.37	0.5	2.34	99.54	8.25	344	16	216	12.45	233	185									0.008612	0.132896	8.669458	0.060582	136.548	0.523676	
HK21-008				D140550	7.31	111	17	43	4.05	6	107	0.01	0.4	0.68	9.63	0.9	0.5	0.33	101.76	16.9	292	49	21.9	2.25	25	143															
HK21-008	242	243	1	D140551	260	294	16	30.2	117.5	2	2500	0.31	5.2	10.65	147	2.54	0.5	2.5	96.37	8.38	274	8	234	13.25	286	124									0.006459	0.114299	6.349462	0.068777	167.2713	0.676257	
HK21-008	243	244	1	D140552	291	165	16	32	113.5	2	3660	0.42	10.5	8.83	145.5	3.13	0.5	2.04	98.73	10.8	286	12	184.5	11.1	447	244									0.012918	0.227453	12.821029	0.05827	165.56445	0.751458	
HK21-008	244	245	1	D140553	158.5	167	17	32.3	67.1	3	3170	0.39	8.3	4.99	58.3	3.68	0.5	1.22	99.27	4.51	360	15	116	6.7	293	225									0.010765	0.099708	10.134718	0.035381	66.33957	0.411406	
HK21-008	245	246	1	D140554	234	143.5	20	29.5	102.5	4	2350	0.3	10.8	8.07	143.5	4.03	0.5	1.93	99.11	6.78	463	9	177.5	10.35	349	272									0.006459	0.169517	13.187345	0.05496	163.28865	0.597635	
HK21-008	246	247	1	D140555	427	109	20	25.7	174	2	4360	0.53	14.9	13	209	2.93	10	2.98	95.19	8.81	282	5	275	15.35	181	253									0.006459	0.227453	18.193651	0.087097	237.8211	1.083964	
HK21-008	247	248	1	D140556	365	109	24	33.5	120.5	3	2190	0.25	21.9	7.4	175	3.95	0.5	1.51	99.21	7.85	348	6	135	8.24	274	310									0.008612	0.371937	26.741004	0.049494	199.1325	0.906299	
HK21-008	248	249	1	D140557	322	135	22	31	115.5	3	2490	0.29	17.1	8.46	165.5	3.55	0.5	1.74	98.39	7.31	372	8	157	9.26	313	275									0.006459	0.296119	20.879962	0.054043	188.32245	0.794433	
HK21-008	249	250	1	D140558	135	132	11	36.9	55.9	2	2840	0.35	13.1	4.18	66.5	2.07	0.5	1.21	99.42	9.75	229	9	97.2	6.94	249	247									0.015071	0.102426	15.995761	0.029856	75.67035	0.349361	
HK21-008	250	251	1	D140559	171	112.5	19	33.6	65.1	2	2920	0.33	5.7	4.78	51.1	3.7	0.5	1.15	100.4	4.5	431	14	100	6.4	315	233									0.008612	0.090838	6.959987	0.032625	58.14669	0.444577	
HK21-008				D140560	1.23	1.5	0.5	16.35	0.43	0.5	154.5	0.01	0.05	0.06	0.6	0.02	0.5	0.02	99.36	0.42	9	1	1.3	0.12	22	2															
HK21-008	251	252	1	D140561	132	111.5	21	29.9	53.4	3	2080	0.25	4.3	3.87	47.1	3.65	0.5	0.94	95.66	3.19	452	11	81.4	4.98	322	212									0.008612	0.076676	5.250517	0.026368	53.59509	0.353422	
HK21-008	252	253	1	D140562	133	115	22	32.4	59.4	3	1930	0.25	5.1	4.88	31.9	3.16	0.5	1.27	99.22	5.25	389	15	109.5	7.28	386	228															

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-008	269	270	1	D140582	Original		0.25	10.1	9	0.005	3750	0.4	13.6	0.5	1630	41	230	0.032	3.09	58	33	15.5	21.1	18.5	21.3	53.9	4.9	5.89	3.13	6.82	854	30	1.16	7.88	0.57	8	0.94	329	569	146	2.58	24
HK21-008	270	271	1	D140583	Original		0.25	9.47	8	0.007	7540	0.8	13.8	1.4	1775	73	250	0.035	4.62	111	28.5	13.3	18.5	14.45	20.1	47.5	4.4	4.99	4.21	11.3	895	40	0.97	9.56	0.54	6	0.26	906	582	228	2.02	37
HK21-008	271	272	1	D140584	Original		0.25	10.8	12	0.009	6190	0.7	11.7	0.5	1505	71	260	0.035	4.04	92	33.5	15.4	20.1	15.4	22.5	52.2	5.3	6.08	4.97	10.8	776	50	1.1	8.24	0.49	12	0.26	357	529	210	2.71	49
HK21-008	272	273	1	D140585	Original		0.25	7.82	16	0.018	2930	0.3	22.4	1	2130	55	130	0.018	2.89	230	29.6	13.55	20.2	9.32	20.2	47.9	5.2	5.04	3.57	17.95	1085	50	1.15	4.44	0.53	111	0.11	1320	671	158	2.13	36
HK21-008	273	274	1	D140586	Original		0.25	10.45	6	0.012	2170	0.2	16.1	0.25	2330	36	140	0.020	2.67	31	19.9	8.61	17.2	9.58	21.6	37.9	4.8	3.41	4.59	15.6	1200	50	0.78	4.40	0.47	11	0.13	1475	678	84	0.90	12
HK21-008	274	275	1	D140587	Original		0.25	9.88	11	0.008	2610	0.3	19.5	0.25	2450	53	160	0.022	2.2	48	19.55	8.07	16.7	10.05	22.1	37.3	4.2	3.28	4.23	17.75	1230	60	0.72	4.57	0.56	200	0.21	1710	711	152	0.86	22
HK21-008	275	276	1	D140588	Original		0.25	11.05	10	0.007	3890	0.4	13.7	0.5	2520	56	270	0.037	3.08	66	22.1	9.49	19.2	12.8	25.6	41.4	4.6	3.82	4.47	14.1	1235	70	0.77	6.88	0.45	50	0.47	1680	753	187	1.60	24
HK21-008	276	277	1	D140589	Original		0.25	13.2	11	0.008	2270	0.3	13.3	0.25	2460	50	60	0.008	1.99	61	23.5	9.96	20.3	8.17	23.9	44.4	4.9	3.99	5.72	13.85	1300	70	0.84	3.97	0.30	29	0.50	1310	729	104	1.50	43
HK21-008				D140590	Control	OREAS 520	0.25	10.85	162	0.174	8570	0.9	5.9	0.25	86.6	207	40	0.006	0.75	3010	3.74	2.36	1.14	24.4	19.4	3.88	3.4	0.79	4.21	6.21	88.8	20	0.33	2.10	0.32	61	1.87	8.3	24.1	82	0.17	7
HK21-008	277	278	1	D140591	Original		0.25	11	13	0.009	3490	0.4	15.5	0.25	2580	65	190	0.026	2.73	53	23.2	10.1	18.8	10.15	25.2	43.1	4.5	3.88	4.97	14.65	1315	70	0.74	5.90	0.41	25	0.33	1575	762	149	1.63	37
HK21-008	278	279	1	D140592	Original		0.25	10.35	13	0.015	3880	0.4	16.2	0.25	2930	67	150	0.020	2.92	54	43.3	18.8	30	10.6	25.3	73.1	3.7	7.36	4.13	12.85	1480	60	1.19	6.10	0.34	9	0.58	1150	962	172	4.38	24
HK21-008	279	280	1	D140593	Original		0.25	9.01	13	0.026	5200	0.6	19.4	0.25	3020	53	190	0.029	3.57	46	42.9	18.9	30.6	11.6	25.5	74.6	3.7	7.42	4.06	13.5	1525	60	1.21	6.26	0.42	9	0.33	1425	992	129	3.97	23
HK21-008	280	281	0.82	D140594	Original		0.25	16.3	8	0.0025	2520	0.3	8.2	0.25	294	25	0.5	0.001	1.16	22	5.7	2.83	3.8	6.7	17.5	8.93	4.1	1.1	5.98	9.92	142.5	20	0.38	2.24	0.16	10	1.70	189.5	101	16	1.31	17
HK21-008	280.8	282	1.18	D140595	Original		0.25	6.67	9	0.005	4760	0.5	19.3	0.25	1590	60	490	0.066	3.84	83	21.1	9.44	15.3	13.15	19.4	37.2	3.9	3.69	3.95	15.95	807	30	0.78	7.02	0.65	20	0.29	1135	513	185	1.81	23
HK21-008	282	283	1	D140596	Original		0.25	9.47	7	0.008	6620	0.7	11.6	0.5	917	54	590	0.080	5.06	83	15.2	7.28	9.83	16.5	19.4	25.3	3.9	2.74	4.84	8.09	527	40	0.64	10.25	0.67	12	0.74	354	293	241	1.00	31
HK21-008	283	284	1	D140597	Original		0.25	7.57	6	0.005	6800	0.8	12.7	0.7	1305	79	410	0.060	4.94	119	18.75	8.88	13.3	17.35	18.8	32.4	4.8	3.37	3.93	7.26	676	30	0.79	10.80	0.68	8	0.83	721	416	261	1.16	25
HK21-008	284	285	1	D140598	Original		0.25	6.9	5	0.0025	6650	0.7	15.9	0.25	2410	35	360	0.049	5.36	46	22.8	10.45	17.75	12	22.2	40.9	4.2	3.95	4.20	14.2	1380	50	0.84	10.30	0.81	190	0.71	1200	691	158	0.91	7
HK21-008	285	286	1	D140599	Original		0.25	8.71	7	0.007	4920	0.5	17.8	1.4	1780	48	400	0.058	7.24	61	30.3	14.1	19.5	13.55	19.6	50.2	3.6	5.41	3.16	6.33	988	30	0.98	11.00	0.53	9	0.61	405	587	225	3.33	15
HK21-008				D140600	Control	BLANK	0.25	0.08	2.5	0.0025	327	0.0	27.2	0.25	11.2	0.5	0.5	0.001	0.46	1	0.27	0.14	0.1	0.17	0.3	0.35	0.1	0.05	0.04	32.7	6.7	20	0.01	21.20	0.06	0.5	0.03	3.2	3.5	0.5	0.02	9
HK21-008	286	287	1	D140601	Original		0.25	8.32	5	0.005	5410	0.6	13.9	0.6	2520	87	270	0.041	4.96	133	27.2	11.65	20.9	15.65	21.6	48	4.8	4.54	3.20	7.69	1320	80	0.93	9.85	0.57	67	0.97	1885	754	236	2.06	14
HK21-008	287	288	1	D140602	Original		0.25	8.36	2.5	0.01	3410	0.4	16.5	2.7	2900	55	190	0.028	2.73	68	23.7	9.85	20.2	10.05	21.4	43.2	6	3.93	2.62	8.45	1490	50	1.06	9.15	0.51	31	1.79	2360	833	130	0.99	11
HK21-008	288	289	1	D140603	Original		0.25	11.1	7	0.008	4150	0.4	14.0	1.6	2380	58	170	0.023	3.77	66	26.8	11.45	20.2	12.15	22	47.5	5.3	4.75	3.09	8.21	1245	70	0.96	7.96	0.53	16	1.65	1900	707	135	1.83	18
HK21-008	289	290	1	D140604	Original		0.25	12.55	5	0.025	2360	0.3	13.7	0.9	1475	41	150	0.020	3.04	42	23.1	10.2	15.6	13.35	21.1	39.1	4.7	4.02	2.86	6.34	781	70	0.87	7.53	0.63	10	1.62	544	472	79	2.04	20
HK21-008	290	291	1	D140605	Original		0.25	9.47	5	0.006	3320	0.4	11.1	0.6	2270	85	230	0.036	3.42	93	18.3	7.55	16.2	14.7	21.4	34.1	5.2	3.01	3.66	8.51	1090	50	0.73	9.31	0.46	24	1.18	2340	670	150	0.62	14
HK21-008	291	292	1	D140606	Original		0.25	11.8	2.5	0.007	3150	0.3	12.0	6.8	2120	53	160	0.023	3.97	49	20.9	9.01	17.25	12.85	23.8	37.8	4.9	3.5	3.30	7.61	1075	60	0.69	8.27	0.50	12	1.78	1155	631	116	1.51	19
HK21-008	292	293	1	D140607	Original		0.25	6.45	5	0.006	1780	0.2	18.8	4.2	2110	151	80	0.012	1.68	230	22.3	10.3	16.95	20.5	15.2	38.9	3.4	3.93	1.70	10.1	1140	50	0.99	4.44	0.52	46	1.58	1085	614	293	0.87	19
HK21-008	293	294	1	D140608	Original		0.25	11.9	6	0.006	3030	0.3	14.3	1.2	3220	53	120	0.015	3.31	45	31.8	13	26.2	11.65	27.2	58.2	4	5.12	2.92	7.29	1600	60	0.96	7.54	0.49	17	2.01	2080	971	95	2.35	14
HK21-008	294	295	1	D140609	Original		0.25	13.35	6	0.005	1565	0.2	16.9	0.9	1750	26	90	0.012	2.47	33	19.45	8.85	14.5	8.03	19.8	33.4	5.1	3.39	2.67	9.8	927	80	0.85	6.09	0.49	24	2.51	1085	511	54	1.10	22
HK21-008				D140610	Control	OREAS 462	0.25	11.35	38	0.007	1105	0.1	1.8	0.25	5390	23	630	0.084	0.43	62	50	11.8	78.8	48.9	52.9	153	13.6	6.53	0.15	1.15	3920	10	0.65	1.84	0.13	48	0.24	1530	2930	157	1.15	116
HK21-008	295	296	1	D140611	Original		0.25	12.35	7	0.005	2350	0.3	15.3	0.9	1405	38	110	0.018	3.32	33	17.6	7.42	12.9	11.85	19.9	28	4.6	3.02	3.20	7.13	760	100	0.69	7.61	0.57	19	1.39	600	428	84	1.65	17
HK21-008	296	297	1	D140612	Original		0.25	8.71	20	0.007	6440	0.7	16.8	1	1015	56	520	0.068	5.33	88	16.85	7.13	11.3	14.3	18.7	26.1	6	2.95	3.33	6.6	604	40	0.65	11.55	0.49	25	0.47	455	323	179	2.02	21
HK21-008	297	298	1	D140613	Original		0.25	8.92	32	0.006	7140	0.7	15.7	0.5	1105	50	350	0.050	7.28	78	18.45	7.85	12.25	13.35	18.1	29.3	5.1	3.28	4.38	7.45	627	20	0.64	10.90	0.51	48	0.58	442	356	172	1.80	27
HK21-008	298	299	1	D140614	Original		0.25	8.25	18																																	

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number				
HK21-008	269	270	1	D140582	160	98.2	24	32.4	83.4	5	2330	0.27	6.3	6.7	67.6	2.33	0.5	1.81	99.5	6.27	482	8	159.5	9.83	343	339										0.006459	0.047064	7.692618	0.047046	76.92204	0.42244				
HK21-008	270	271	1	D140583	170.5	171.5	21	29.7	76.4	4	1780	0.21	12.9	5.68	69	2.26	0.5	1.52	98.6	11.5	334	8	137.5	8.26	422	291											0.008612	0.129606	15.75155	0.041179	78.5151	0.441228			
HK21-008	271	272	1	D140584	149	163	23	31.5	77.3	6	1950	0.23	7.1	6.67	55.6	2.63	0.5	1.82	100.39	7.83	524	13	162.5	9.85	199	362											0.010765	0.05107	8.669458	0.046469	63.26724	0.392124			
HK21-008	272	273	1	D140585	200	101.5	21	28.5	85.7	2	2100	0.24	12.2	6.04	98	2	0.5	1.57	99.34	13.1	291	12	133	8.86	113	330											0.010765	0.188829	14.896815	0.042226	111.5142	0.519929			
HK21-008	273	274	1	D140586	212	107	16	34.2	75.6	2	1385	0.16	12.8	4.4	89.5	2.73	0.5	0.97	99.57	10.8	255	17	82.5	6.22	59	259											0.010765	0.211002	15.629445	0.030677	101.84205	0.547702			
HK21-008	274	275	1	D140587	227	103	17	28.2	77.6	2	1655	0.19	14.3	4.31	99.7	2.78	0.5	0.97	99.03	10.8	245	18	80	5.54	114	249											0.012918	0.24462	17.461021	0.030253	113.44863	0.570466			
HK21-008	275	276	1	D140588	247	140	21	30.6	84.2	2	2020	0.24	14.9	4.85	110	2.94	0.5	1.06	99.71	6.57	308	14	92.6	5.98	165	257											0.015071	0.240328	18.193651	0.034025	125.169	0.590201			
HK21-008	276	277	1	D140589	227	118	14	36	83.8	2	2600	0.3	11.1	5.16	83.2	2.79	0.5	1.17	99.86	8.82	246	17	100	6.74	72	291											0.015071	0.187399	13.55366	0.035768	94.67328	0.587364			
HK21-008				D140590	6.9	108	17	41.9	4.3	5	104.5	0.01	0.4	0.65	9.95	0.88	0.5	0.32	99.8	16.9	291	42	22.1	2.13	24	144																			
HK21-008	277	278	1	D140591	248	136.5	18	30.6	87.4	2	2460	0.29	11.7	5.23	103.5	2.94	0.5	1.15	98.73	6.56	254	22	98.3	5.82	117	227											0.015071	0.225308	14.28629	0.035505	117.77265	0.609214			
HK21-008	278	279	1	D140592	300	127	16	30.5	124.5	2	2930	0.34	11.1	8.96	155	2.51	0.5	2.08	99.26	8.24	255	13	193.5	10.85	108	193												0.012918	0.16451	13.55366	0.061511	176.3745	0.72455		
HK21-008	279	280	1	D140593	307	140	16	26.4	127.5	2	2930	0.36	15.5	8.94	160	2.34	0.5	2.12	98.19	9.57	248	14	194	10.95	107	242											0.012918	0.20385	18.926282	0.062153	182.064	0.745332			
HK21-008	280	281	0.82	D140594	28.6	113	6	47.6	14	1	1440	0.17	8.3	1.16	16.45	1.31	0.5	0.42	101.85	5.26	103	10	30.5	2.73	15	287											0.004306	0.027108	10.134718	0.008605	18.718455	0.074747			
HK21-008	280.8	282	1.18	D140595	152.5	154.5	18	24.6	65.8	2	1850	0.22	14.4	4.46	105	1.8	0.5	1.07	95.94	4.46	276	6	95.2	6.08	139	248											0.006459	0.162365	17.583126	0.031119	119.4795	0.389165			
HK21-008	282	283	1	D140596	84.6	186.5	20	32.2	41.1	3	1750	0.21	5.3	3.15	46.2	2.11	0.5	0.87	98.48	3.38	361	5	72.3	4.99	229	215												0.008612	0.050641	6.471567	0.021996	52.57098	0.23492		
HK21-008	283	284	1	D140597	123.5	184	20	32.4	52.8	3	2080	0.25	8.3	3.98	76.9	2.03	0.5	1.05	97.73	5.44	275	4	90	6.03	246	334												0.006459	0.103141	10.134718	0.027734	87.50451	0.322382		
HK21-008	284	285	1	D140598	215	195	20	29.1	78.5	3	1445	0.17	12.7	4.79	111.5	2.22	0.5	1.31	98.18	3.25	260	7	111	7.35	211	232												0.010765	0.171663	15.50734	0.035866	126.87585	0.585194		
HK21-008	285	286	1	D140599	169	134	21	30.6	79.9	2	3430	0.43	7.7	6.1	63.9	1.8	0.5	1.59	98.45	6.09	226	4	148	8.35	364	212													0.006459	0.057936	9.402088	0.04376	72.71181	0.45566	
HK21-008				D140600	1.05	1.3	0.5	17	0.46	0.5	136.5	0.01	0.05	0.03	0.5	0.01	0.5	0.01	98.56	0.62	8	1	1.2	0.08	18	3																			
HK21-008	286	287	1	D140601	247	132.5	22	32	90.4	2	2590	0.31	24.3	5.87	139.5	2.36	0.5	1.37	97.45	5.62	213	9	118.5	7.48	198	278											0.017224	0.269654	29.671525	0.040247	158.73705	0.606391			
HK21-008	287	288	1	D140602	279	75.1	27	36	90.5	1	2720	0.33	29.9	5.19	160.5	1.97	0.5	1.24	97.11	4.83	153	13	99.8	7.69	242	401												0.010765	0.337604	36.509408	0.036518	182.63295	0.680146		
HK21-008	288	289	1	D140603	221	108.5	16	34.7	86.2	2	2970	0.34	32.2	5.78	146.5	2.39	0.5	1.34	98.41	11.1	275	13	114.5	7.53	282	366											0.015071	0.2718	39.317824	0.039064	166.70235	0.5715			
HK21-008	289	290	1	D140604	139	87.1	14	36.7	63.7	3	3960	0.45	11.9	4.67	75.2	2.13	0.5	1.26	100.12	7.29	355	7	104	7.06	265	325											0.015071	0.077821	14.5305	0.032769	85.57008	0.367909			
HK21-008	290	291	1	D140605	209	115.5	25	34.7	73	2	1770	0.23	21.6	4.02	146	2.91	0.5	0.83	97.27	6.2	189	16	69.2	5.26	170	286											0.010765	0.334743	26.374689	0.027607	166.1334	0.523463			
HK21-008	291	292	1	D140606	195.5	115.5	18	36.2	73.4	2	2540	0.3	11.8	4.62	75.6	3.03	0.5	1.03	99.51	7.23	276	11	86.3	5.8	751	257											0.012918	0.165226	14.408395	0.031043	86.02524	0.501374			
HK21-008	292	293	1	D140607	191	48.9	15	21.2	74.1	1	2520	0.29	9.4	4.65	96.5	1.22	0.5	1.33	87.82	2.8	98	5	108	7.77	265	170											0.010765	0.155212	11.477874	0.034626	109.80735	0.508895			
HK21-008	293	294	1	D140608	319	92.9	16	35.4	114.5	2	3630	0.41	17.1	6.86	155.5	3.03	0.5	1.47	99.57	6.8	253	14	125.5	7.86	213	234											0.012918	0.297549	20.879962	0.046641	176.94345	0.761235			
HK21-008	294	295	1	D140609	158.5	54.5	10	37.1	61	2	5010	0.57	27.9	4.14	92.1	1.34	0.5	1.11	100.13	10.95	181	8	86.8	6.6	180	378											0.017224	0.155212	34.067307	0.028709	104.80059	0.420074			
HK21-008				D140610	778	6.2	48	28.8	385	30	796	0.09	23.8	13.7	248	3.05	0.5	1.2	98.85	6.09	432	3	139	5.29	237	659																			
HK21-008	295	296	1	D140611	129.5	86.2	14	34.4	52.6	2	3610	0.45	14.1	3.7	58.5	2.18	0.5	0.93	98.35	8.14	302	8	79.2	4.72	263	285											0.02153	0.085832	17.216811	0.025241	66.56715	0.343587			
HK21-008	296	297	1	D140612	93.6	142	23	30.6	43.9	2	3710	0.42	9.5	3.41	32.4	2.87	0.5	0.93	98.89	7.32	402	24	83.9	5.08	241	329												0.008612	0.065089	11.599979	0.0243	36.86796	0.262256		
HK21-008	297	298	1	D140613	103.5	194.5	19	29.6	48.8	3	3300	0.39	10.1	3.73	50	2.26	0.5	1.03	96.58	8.48	363	7	91.2	5.38	199	310												0.004306	0.063229	12.332609	0.026659	56.895	0.282825		
HK21-008	298	299	1	D140614	123	196	22	31	57	3	2620	0.33	7.2	4.35	52.5	2.85	0.5	1.16	97.63	8.05	289	9	107.5	6.36	211	370												0.006459	0.071669	8.791563	0.031228	59.73975	0.331986		
HK21-008	299	300	1	D140615	109.5	250	23	31.3	53.6	3	2280	0.27	5.6	4.32	50.8	2.53	0.5	1.19	96.75	6.8	411	8																							

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-008	317	318	1	D140636	Original		0.25	5.22	8	0.0025	3290	0.3	18.0	0.7	3900	76	430	0.062	3.01	86	44.9	17.55	34.3	16.9	26.4	75.4	5.8	7.5	2.72	6.98	1885	20	1.28	8.08	0.62	14	0.88	3000	1250	147	4.41	1
HK21-008	318	319	1	D140637	Original		0.25	5.48	7	0.0025	4670	0.5	14.7	0.25	3640	81	400	0.055	4.4	108	39.2	16.2	30.9	17.9	28	67.9	6.4	6.58	3.62	8.95	1735	20	1.12	8.99	0.67	12	0.90	2900	1160	154	3.85	1
HK21-008	319	320	1	D140638	Original		0.25	5.86	5	0.0025	4330	0.5	15.2	0.25	3980	81	600	0.081	4.13	89	41.4	15.85	32.7	16	28.4	72.3	5.8	6.95	3.48	7.24	1905	30	1.2	8.77	0.61	19	1.02	3200	1255	164	3.62	1
HK21-008	320	321	1	D140639	Original		0.25	5.76	5	0.0025	2310	0.3	16.9	0.25	3370	67	740	0.101	2.48	76	31.7	12.7	25.9	15.45	23.7	55.5	6.1	5.34	2.71	8.69	1650	40	1	7.56	0.59	39	1.37	2460	1030	183	2.27	7
HK21-008				D140640	Control	BLANK	0.25	0.06	2.5	0.0025	108	0.0	28.1	0.25	13.3	1	0.5	0.001	0.33	0.5	0.22	0.12	0.11	0.16	0.4	0.33	0.05	0.05	0.03	33.6	7	20	0.01	20.70	0.05	0.5	0.04	9.7	4.4	0.5	0.04	4
HK21-008	321	322	1	D140641	Original		0.25	4	5	0.006	4890	0.5	23.8	0.7	3350	79	290	0.040	3.85	110	37	14.6	28.6	11.1	21.4	61.5	5.4	6.21	2.51	9.4	1655	30	1.17	8.42	0.48	15	0.61	2400	1050	243	2.85	13
HK21-008	322	323	1	D140642	Original		0.25	5.36	2.5	0.0025	2920	0.3	18.7	0.6	2820	48	440	0.064	3.3	48	29.1	11.55	22.3	12.7	21.3	49.1	7.5	4.92	2.40	6.37	1405	30	1.13	9.44	0.65	31	1.27	2240	868	117	2.21	1
HK21-008	323	324	1	D140643	Original		0.25	6.97	2.5	0.008	4620	0.5	16.0	0.5	1695	44	530	0.071	4.14	39	24.9	10.4	16.65	18.75	21.3	38.4	8.4	4.27	3.22	7.57	873	30	0.94	8.91	0.80	22	1.04	1210	545	106	2.07	6
HK21-008	324	325	1	D140644	Original		0.25	6.18	7	0.006	4780	0.5	17.5	0.5	3810	76	400	0.057	4.84	87	36.2	14.55	29.4	13.65	23.9	60	6.3	5.88	3.27	8.92	1955	50	1.02	8.16	0.54	39	1.09	3300	1170	154	2.39	1
HK21-008	325	326	1	D140645	Original		0.25	5.6	9	0.008	3730	0.4	17.4	0.5	4530	97	370	0.054	4.11	120	33.2	12.6	29.9	13.9	24.3	57.3	7.6	5.37	2.74	7.83	2260	50	1	8.62	0.53	31	1.57	4700	1345	196	1.40	1
HK21-008	326	327	1	D140646	Original		0.25	13.75	6	0.008	3420	0.4	13.6	0.25	1445	32	120	0.019	3.32	32	14.65	6.7	11.15	8.01	19	22.4	4.7	2.56	3.09	9.86	821	80	0.76	6.75	0.39	35	2.69	1265	418	71	0.48	4
HK21-008	327	328	1	D140647	Original		0.25	5.66	8	0.005	2920	0.3	20.9	0.25	2940	48	480	0.069	3.4	55	23.9	9.57	19.65	13.8	18.3	39.5	4.8	3.85	2.46	19.35	1510	50	0.83	7.70	0.57	37	0.37	2700	860	117	0.88	1
HK21-008	328	329	1	D140648	Original		0.25	7.51	11	0.0025	4710	0.5	17.9	0.25	4460	72	450	0.068	5.11	56	36.4	14.65	32.8	10.5	27.3	63.9	6.3	6.08	3.97	13.95	2270	60	0.98	7.67	0.49	19	0.55	4800	1335	140	2.32	1
HK21-008	329	330	1	D140649	Original		0.25	10.9	6	0.008	3340	0.4	16.7	0.25	1625	42	110	0.018	3.21	50	25.4	11	16.5	11	19.5	39.5	3.6	4.35	3.43	12.15	861	60	0.9	6.42	0.37	56	0.67	810	519	117	2.52	6
HK21-008				D140650	Control	OREAS 462	0.25	11.2	36	0.006	1050	0.1	1.8	0.25	5030	25	590	0.084	0.39	62	49.7	11.75	76.2	49.7	53.5	154.5	12.7	6.42	0.15	1.13	3670	10	0.56	1.77	0.13	47	0.24	1440	2780	157	1.09	120
HK21-008	330	331	1	D140651	Original		0.25	10.3	16	0.0025	3270	0.3	20.2	0.5	1855	38	120	0.018	3.07	37	27.9	12.5	18.6	12.25	19.5	45.5	3.5	5.06	3.02	13.25	959	50	0.91	5.36	0.38	22	0.94	987	597	115	2.47	6
HK21-008	331	332	1	D140652	Original		0.25	4.06	8	0.0025	1995	0.2	30.9	0.25	2850	47	270	0.038	1.98	59	30.2	12.25	22.7	11.45	17.9	52.1	2.6	5.23	1.58	23	1380	30	1.03	4.11	0.71	28	0.18	2440	880	135	1.87	1
HK21-008	332	333	1	D140653	Original		0.25	5.19	11	0.005	4690	0.5	24.2	0.25	4070	77	430	0.065	4.23	83	53.1	21.9	37.8	12.4	25.8	87.7	3.6	9.03	2.99	15.15	1980	40	1.45	7.17	0.63	35	0.17	3100	1350	201	4.87	1
HK21-008	333	334	1	D140654	Original		0.25	6.23	9	0.0025	3210	0.3	21.1	0.25	5070	65	550	0.075	3.31	38	53.2	21.5	40.2	13.3	31.5	90.7	6	9	2.57	14.35	2490	40	1.31	5.27	0.48	15	0.26	4300	1650	169	4.21	1
HK21-008	334	335	1	D140655	Original		0.25	5.29	9	0.005	2160	0.2	17.9	0.6	3820	51	440	0.065	2.25	44	44.7	18.65	33.3	21.7	23	76.4	5	7.67	1.85	17.3	1890	40	1.27	5.71	0.75	20	0.32	2900	1195	145	4.14	4
HK21-008	335	336	1	D140656	Original		0.25	4.4	8	0.0025	2310	0.3	20.3	0.8	2930	39	340	0.050	2.63	30	38.5	16.1	27.3	21.1	20.4	64.7	3.1	6.85	2.16	20	1450	40	1.08	6.00	0.92	14	0.23	2020	938	123	3.59	4
HK21-008	336	337	1	D140657	Original		0.25	7.5	9	0.0025	4870	0.5	19.8	0.5	3550	43	340	0.050	4.39	75	48.9	20	34.2	13.2	28	83.1	4.7	8.5	3.72	11.9	1765	50	1.24	7.47	0.52	12	0.64	2300	1155	172	4.66	7
HK21-008	337	338	1	D140658	Original		0.25	6.16	9	0.0025	4870	0.5	20.6	0.25	3210	56	490	0.068	4.27	71	38.1	15.85	28.1	14.1	26.6	65.7	4.6	6.6	3.27	14.65	1610	40	1.08	6.80	0.62	36	0.28	2400	1005	202	3.27	2
HK21-008	338	339	1	D140659	Original		0.25	5.22	13	0.0025	3550	0.4	17.7	0.5	3270	51	660	0.095	4.04	19	50.9	21	34.7	15.15	27.1	84.6	4.8	8.88	3.19	11.3	1665	30	1.24	6.72	0.58	21	0.28	1730	1080	209	4.94	10
HK21-008				D140660	Control	BLANK	0.25	0.56	2.5	0.0025	196.5	0.0	29.6	0.25	24	1	0.5	0.001	0.32	4	0.45	0.25	0.23	0.25	0.9	0.71	0.1	0.08	0.22	39	12.6	20	0.02	20.30	0.06	0.5	0.22	12.8	8	1	0.05	4
HK21-008	339	340	1	D140661	Original		0.25	5.12	16	0.0025	3560	0.4	20.3	0.25	3090	74	610	0.084	4.02	69	42.8	17.9	30.4	13.95	25.1	71.7	5	7.38	3.10	14.3	1550	40	1.16	7.52	0.57	16	0.20	2100	991	266	3.84	7
HK21-008	340	341	1	D140662	Original		0.25	5.06	15	0.0025	4160	0.4	21.4	6.2	2540	54	410	0.057	3.82	67	26.6	10.8	20.5	10	21.5	45.4	4.9	4.53	2.83	16.9	1240	40	0.88	8.42	0.63	13	0.44	2600	778	112	1.89	1
HK21-008	341	342	1	D140663	Original		0.25	5.49	10	0.005	5430	0.6	22.0	2.5	3270	66	680	0.093	5.4	69	33.8	14	26.2	10.15	24.6	58.8	5.6	5.88	3.81	12.55	1605	40	1.01	8.43	0.57	26	0.56	2800	995	176	2.55	1
HK21-008	342	343	1	D140664	Original		0.25	6.6	19	0.0025	3170	0.3	27.4	0.6	2760	47	170	0.025	2.6	103	43.1	17.65	28.1	8.28	22.5	68.6	5.5	7.45	3.21	16.75	1485	50	1.24	4.90	0.56	21	0.24	846	879	238	5.28	29
HK21-008	343	344	1	D140665	Original		0.25	7.63	21	0.016	2060	0.2	21.4	4.6	2510	43	170	0.025	2.28	49	33.1	13.9	23.1	8.72	20	54.2	5.8	5.76	2.53	14.9	1365	90	1.15	7.40	0.49	40	1.07	1120	773	170	2.74	44
HK21-008	344	345	1	D140666	Original		0.25	9.2	13	0.0025	7350	0.8	14.9	1.6	2540	64	350	0.051	6.54	96	36.4	15.25	24.9	10.8	25.3	59.7	3.3	6.36	5.11	5.83	1335	40	1.07	10.90	0.45	22	1.03	1390	810	236	4.24	12
HK21-008	345	346	1.23	D140667	Original		0.25	10.1	8	0.005	4490	0.5	13.1	0.9	1945	56	270	0.039	4.07	75	21.7	8.73	16.1	12.7	24.2	37.9	4.3	3.67	3.67	4.66	1175	50	0.67	10.05	0.52	12	1.24	815	531	199	1.79	12
HK21-008	346.2	347	0.77	D140668	Original		0.25	12.55	10	0.005	35																															

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number													
HK21-008	317	318	1	D140636	396	106.5	21	28.1	149.5	4	3450	0.4	42.3	9.42	298	3.12	0.5	2.02	95.83	15.05	489	10	197	10.6	160	368														0.004306	0.429158	51.650433	0.065702	339.0942	0.934626									
HK21-008	318	319	1	D140637	371	169	20	25.9	134.5	3	2670	0.31	36.6	8.41	260	3.17	0.5	1.91	94.93	13.7	496	9	173.5	9.59	231	518																		0.004306	0.414852	44.690445	0.058545	295.854	0.866116					
HK21-008	319	320	1	D140638	401	150.5	21	28.5	145	3	2680	0.31	42.1	8.83	273	3.64	0.5	1.91	94.78	13.75	454	13	178	9.88	204	379																		0.006459	0.457768	51.406223	0.061394	310.6467	0.94327					
HK21-008	320	321	1	D140639	336	78.8	24	29.7	114.5	2	2890	0.34	30.6	6.8	185.5	3.27	0.5	1.53	94.96	7.16	529	13	136	7.6	159	333																			0.008612	0.351909	37.364143	0.047583	211.08045	0.794488				
HK21-008				D140640	1.35	1	0.5	16	0.48	0.5	125.5	0.01	0.05	0.04	0.88	0.01	0.5	0.01	98.81	0.35	6	1	1.3	0.06	21	2																												
HK21-008	321	322	1	D140641	336	139	18	25.5	122.5	1	6830	0.8	29.7	7.78	186	2.11	0.5	1.86	92.12	6.9	144	4	161	9.33	172	337																			0.006459	0.343326	36.265197	0.053982	211.6494	0.80135				
HK21-008	322	323	1	D140642	280	92	28	33.1	99	3	3170	0.37	31.8	5.99	178.5	2.58	0.5	1.54	95.46	6.16	406	8	130	7.77	183	425																			0.006459	0.320438	38.829403	0.043333	203.11515	0.671729				
HK21-008	323	324	1	D140643	161	130.5	26	29.3	69.9	5	2780	0.33	12.8	4.89	101	3.3	0.5	1.35	98.8	10.4	655	12	118	7.05	247	494																			0.006459	0.173094	15.629445	0.035607	114.9279	0.418369				
HK21-008	324	325	1	D140644	377	153	23	26.7	128	3	3710	0.41	42	7.24	289	3.19	0.5	1.68	92.49	11.55	303	15	157	8.97	185	334																					0.010765	0.472073	51.284118	0.053755	328.8531	0.909043		
HK21-008	325	326	1	D140645	448	117.5	26	30.3	137	2	3000	0.33	67.9	6.89	390	3.38	0.5	1.49	94.03	10.9	225	21	131.5	8.28	167	402																				0.010765	0.672347	82.909324	0.050538	443.781	1.054689			
HK21-008	326	327	1	D140646	137.5	99.7	14	35.9	45.8	1	2890	0.33	30.9	2.79	104.5	0.95	0.5	0.82	96.17	5.98	114	21	71.1	5.19	110	268																				0.017224	0.180961	37.730458	0.022046	118.91055	0.352106			
HK21-008	327	328	1	D140647	285	117.5	17	18.65	88.1	1	1740	0.19	36.8	4.84	210	2.17	0.5	1.11	93.07	10.45	165	9	100.5	6.36	127	240																				0.010765	0.386242	44.934655	0.035588	238.959	0.690137			
HK21-008	328	329	1	D140648	444	187.5	22	25	138	2	3100	0.36	68.2	7.74	366	3.39	0.5	1.58	94.19	17.05	198	8	155	8.54	178	339																					0.012918	0.686652	83.275639	0.055554	416.4714	1.050946		
HK21-008	329	330	1	D140649	152.5	119.5	13	31.6	67.6	1	2780	0.33	15	4.97	81	0.82	0.5	1.4	97.28	12.2	129	3	118.5	8.02	113	221																					0.012918	0.115873	18.315756	0.03577	92.1699	0.404888		
HK21-008				D140650	729	5.8	47	27.9	367	30	730	0.09	24.3	13.35	232	3	0.5	1.11	98.42	6.03	394	4	128.5	5.71	231	610																												
HK21-008	330	331	1	D140651	175.5	108	14	26.7	75.4	1	2740	0.32	15	5.68	98.3	0.85	0.5	1.51	96.38	11.8	131	4	127	8.54	138	220																					0.010765	0.141193	18.315756	0.039383	111.85557	0.458642		
HK21-008	331	332	1	D140652	287	71.4	12	14.6	100	1	1400	0.16	34.8	6.33	182	1.7	0.5	1.5	94.57	14	126	10	125	8.68	95	171																					0.006459	0.349048	42.492555	0.043575	207.0978	0.674732		
HK21-008	332	333	1	D140653	410	156.5	17	17.65	161	1	2640	0.33	41.7	10.75	255	2.62	0.5	2.57	93.94	14.65	165	11	222	13.65	160	228																					0.008612	0.443463	50.917803	0.07423	290.1645	0.987356		
HK21-008	333	334	1	D140654	497	110.5	22	23.5	175.5	3	2730	0.31	58.7	10.95	385	3.51	0.5	2.49	95.49	16.7	367	13	223	13.35	120	350																					0.008612	0.615126	71.67566	0.076588	438.0915	1.211803		
HK21-008	334	335	1	D140655	381	76.8	20	16.3	141.5	1	2460	0.3	37.1	9.27	237	2.41	0.5	2.23	94.23	11.85	195	9	192	11.7	262	253																					0.008612	0.414852	45.300971	0.064392	269.6823	0.916379		
HK21-008	335	336	1	D140656	295	90	15	14.55	116	2	2020	0.24	24.1	8.2	178	2.09	0.5	1.92	95.88	12.25	244	7	167.5	10.25	399	188																					0.008612	0.288966	29.427315	0.054838	202.5462	0.711062		
HK21-008	336	337	1	D140657	360	162	20	23.9	144.5	3	3650	0.45	28.2	9.97	226	2.97	0.5	2.29	97.25	10.4	345	8	208	12.45	239	266																					0.010765	0.329021	34.433622	0.068549	257.1654	0.867048		
HK21-008	337	338	1	D140658	322	158	19	21.9	120.5	2	3310	0.39	30.9	7.83	203	2.88	0.5	1.85	95.48	9.25	410	13	165	10.45	160	268																						0.008612	0.343326	37.730458	0.05512	230.9937	0.77392	
HK21-008	338	339	1	D140659	331	147.5	18	27.1	140.5	4	2690	0.33	26	10.45	215	3.23	0.5	2.54	96.17	10.2	511	11	222	12.6	181	301																						0.006459	0.247481	31.747311	0.070583	244.6485	0.812361	
HK21-008				D140660	2.29	4.4	0.5	9.8	0.93	0.5	180.5	0.02	0.1	0.08	1.72	0.03	0.5	0.04	100.13	0.54	2.5	0.5	2.4	0.15	14	6																												
HK21-008	339	340	1	D140661	310	145	21	23.1	125.5	3	2590	0.31	31.8	8.76	201	2.76	0.5	2.14	95.52	11.95	458	11	191	11.6	149	328																					0.008612	0.30041	38.829403	0.061103	228.7179	0.755667		
HK21-008	340	341	1	D140662	248	143.5	23	22.4	90	1	3300	0.38	35	5.46	164	2.01	0.5	1.3	92.83	11.1	152	11	109.5	7.34	1725	292																						0.008612	0.371937	42.736765	0.038468	186.6156	0.600536	
HK21-008	341	342	1	D140663	326	192	22	26.2	115.5	2	4930	0.57	34.9	7.06	208	2.88	0.5	1.7	96.4	12.1	403	8	143.5	9.18	1160	359																						0.008612	0.400547	42.61466	0.049748	236.6832	0.774381	
HK21-008	342	343	1	D140664	276	113.5	15	21.4	115	1	3590	0.43	8.2	8.31	99.3	1.56	0.5	2.17	96.96	8.04	170	7	191	11.75	139	331																						0.010765	0.121022	10.012613	0.059253	112.99347	0.690551	
HK21-008	343	344	1	D140665	242	85.4	24	30	95.1	1	3240	0.39	14.4	6.73	97	1.31	0.5	1.69	98.84	7.8	174	7	144	9.83	1290	455																						0.019377	0.160219	17.583126	0.046502	110.3763	0.618285	
HK21-008	344	345	1	D140666	253	258	16	30.8	104	1	3390	0.4	17.7	7.42	131.5	2	0.5	1.78	96.42	9.7	199	8	163.5	10.1	341	185			</																									

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-008				D140690	Control	OREAS 462	0.25	11.3	47	0.006	1100	0.1	1.8	0.25	5190	28	600	0.083	0.44	68	47.4	11	77.7	48.7	52.7	147.5	14	6.17	0.15	1.09	3770	10	0.65	1.83	0.12	47	0.20	1465	2850	164	1.15	114
HK21-008	364	365	1	D140691	Original		0.25	8.33	9	0.009	5160	0.5	19.8	1.3	1655	52	310	0.044	3.89	67	27.8	13.9	17.65	12.8	17.5	42	4.6	5.28	3.01	6.96	975	20	1.37	11.95	0.74	5	0.79	484	513	240	2.21	67
HK21-008	365	366	0.74	D140692	Original		0.25	8.61	16	0.009	5700	0.6	17.6	1	1740	57	250	0.037	4.3	114	29	14.55	18.95	15.35	18.1	45.5	4.3	5.4	3.06	5.98	1020	30	1.26	11.40	0.84	7	0.79	372	547	252	2.45	53
HK21-008	366	367	1	D140693	Original		0.25	8.29	10	0.005	2720	0.3	18.3	0.8	1905	46	300	0.044	2.85	98	29.4	13.15	20	14.05	17.7	47	5.7	5.25	2.37	6.82	1015	60	1.13	8.65	0.70	14	1.78	602	619	221	3.04	18
HK21-008	367	368	1.03	D140694	Original		0.25	8.56	10	0.006	3410	0.4	16.3	0.9	2130	47	270	0.039	3.03	70	34.6	15.4	23.5	15.75	21	56.5	5.4	6.16	2.71	4.82	1140	50	1.31	9.09	0.84	13	1.21	527	708	197	3.90	21
HK21-008	368	369	0.97	D140695	Original		0.25	9.22	7	0.008	1635	0.2	20.6	0.6	437	55	290	0.042	2.33	109	9.76	3.88	6.75	12.6	14.8	16.65	4.9	1.68	2.31	4.28	214	10	0.4	12.30	0.26	45	0.73	317	172.5	230	2.21	20
HK21-008	369	370	1	D140696	Original		0.25	8.77	2.5	0.0025	1705	0.2	21.9	0.5	652	52	300	0.043	1.68	89	13.25	5.53	9.14	12.8	15.7	22.3	4.9	2.29	1.80	5.09	347	20	0.62	12.25	0.32	14	0.60	416	243	213	2.58	30
HK21-008	370	371	1	D140697	Original		0.25	8.57	5	0.005	2100	0.2	21.1	0.8	725	54	310	0.046	1.4	82	13.35	5.97	9.56	13.05	15.2	22.7	4.7	2.37	1.87	4.71	393	20	0.59	12.65	0.34	10	0.62	419	261	245	2.39	46
HK21-008	371	372	1	D140698	Original		0.25	8.96	2.5	0.0025	3520	0.4	18.1	0.7	1250	52	300	0.041	2.38	85	23.4	10.25	15.8	14.9	17.8	37.4	4.6	4.16	2.78	4.08	678	20	0.89	11.95	0.53	6	0.66	351	431	236	2.31	21
HK21-008	372	373	1	D140699	Original		0.25	8.96	5	0.005	3180	0.3	17.7	0.7	876	50	300	0.044	2.89	82	17.9	8.05	11.7	15.1	16.6	28.5	4.6	3.1	2.98	4.71	470	20	0.73	11.55	0.51	40	0.68	322	318	217	2.23	21
HK21-008				D140700	Control	BLANK	0.25	0.1	2.5	0.0025	784	0.1	28.4	0.25	8.4	0.5	0.5	0.001	0.54	1	0.18	0.16	0.09	0.23	0.3	0.3	0.05	0.04	0.04	37.1	4.4	20	0.02	21.70	0.06	0.5	0.01	2.6	3.1	2	0.02	2
HK21-008	373	373	0.3	D140701	Original		0.25	8.87	7	0.0025	5840	0.6	13.8	1	2280	43	290	0.042	4.39	50	42.8	18.8	27.6	20	22.1	67.8	5.1	7.65	3.53	4	1205	40	1.47	10.75	0.97	5	0.75	431	774	215	3.19	18
HK21-008	373.3	374	0.7	D140702	Original		0.25	9.18	8	0.005	2460	0.3	15.7	1.6	1535	71	240	0.035	2.91	118	22.5	9.58	15.7	16.8	19.7	35.1	5.6	3.91	2.62	5.43	826	50	0.92	7.82	0.67	11	1.48	497	475	223	2.17	19
HK21-008	374	375	1	D140703	Original		0.25	10.95	10	0.0025	2250	0.2	13.3	1	1210	44	110	0.016	3.15	60	18.4	7.89	13.4	16.05	20	30	4.2	3.1	3.22	6.07	663	70	0.68	7.84	0.63	14	1.45	482	384	104	2.18	16
HK21-008	375	377	1.71	D140704	Original		0.25	7.57	12	0.0025	3230	0.3	22.0	1.8	2840	48	30	0.004	3.22	77	54.5	23.8	35.2	14.75	21.1	88.5	2.9	9.53	2.69	6.61	1540	30	1.77	6.14	0.65	13	1.17	288	967	138	7.03	26
HK21-008	376.7	378	1.29	D140705	Original		0.25	11.6	7	0.008	1980	0.2	11.7	1	1345	84	110	0.017	3.52	96	16.1	6.13	12.75	16.5	19.3	28	4.3	2.71	2.97	6.76	791	60	0.57	6.51	0.48	15	1.83	473	387	138	1.22	23
HK21-008	378	379	1	D140706	Original		0.25	10.85	6	0.008	2010	0.2	10.1	1.5	1800	140	140	0.020	2.64	167	21	7.94	16.5	19.25	19.8	35.9	3.4	3.37	2.89	9.36	1015	70	0.83	6.14	0.46	16	1.63	899	506	215	1.00	35
HK21-008	379	380	1	D140707	Original		0.25	9.38	28	0.012	2430	0.3	16.0	1.2	3400	59	170	0.025	2.89	75	44.1	18	33	12.3	25.1	76.1	5.9	7.65	3.05	10.2	1850	60	1.3	6.91	0.44	18	1.77	1020	1045	147	4.86	27
HK21-009	53	54	1	D140885	Original		0.25	14.85	26	0.007	8030	0.8	9.7	0.25	1160	13	50	0.007	2.29	23	31.2	15.6	16.25	4.62	17.7	39.9	1.5	5.76	7.74	7.3	689	130	1.31	3.56	0.29	40	1.70	344	390	35	0.89	35
HK21-009	54	55	1	D140886	Original		0.25	14.05	20	0.0025	5230	0.6	11.4	0.7	1025	14	50	0.008	5.01	16	31.4	17.05	13.65	5.49	17.8	37.8	1.9	6.22	7.70	4.95	625	120	1.66	3.68	0.42	38	1.41	557	327	32	0.94	76
HK21-009	55	56	1	D140887	Original		0.25	14.15	22	0.0025	4770	0.5	12.1	0.7	1005	15	50	0.009	4.27	21	26.4	14.65	11.6	5.77	17.8	31.6	1.9	5.24	6.80	4.11	633	110	1.44	3.78	0.43	36	2.08	443	307	33	1.05	71
HK21-009	56	57	1	D140888	Original		0.25	11.95	19	0.0025	4250	0.5	14.5	1.1	1465	34	130	0.019	4.37	61	19.65	9.77	11.5	8.44	19.2	27.9	3.1	3.75	4.66	5.23	906	130	0.93	6.33	0.50	29	1.78	627	397	96	1.34	77
HK21-009	57	58	1	D140889	Original		0.25	13.65	29	0.008	9480	1.1	10.9	0.8	1115	20	60	0.010	2.41	28	24.4	12.35	11.45	6.01	16.9	29.5	1.9	4.75	7.66	5.23	732	160	1.12	4.06	0.35	43	1.41	361	337	43	1.38	112
HK21-009				D140890	Control	OREAS 462	0.25	11.25	37	0.008	1040	0.1	1.8	0.25	5130	24	620	0.086	0.41	63	48.6	11.7	75.2	49.5	52	161.5	13	6.32	0.17	1.1	3770	10	0.58	1.78	0.13	48	0.24	1510	2830	160	1.14	119
HK21-009	58	59	1	D140891	Original		0.25	13	23	0.006	6030	0.7	12.7	0.6	1085	18	80	0.013	3.19	34	22.3	11.85	10.8	6.14	18.8	29.8	3.2	4.42	6.64	4.9	674	160	1.2	4.80	0.39	33	1.69	401	330	47	1.34	76
HK21-009	59	60	1	D140892	Original		0.25	14.65	22	0.007	6580	0.7	9.8	0.25	1185	14	70	0.012	1.29	20	16.15	7.66	9.7	5.16	21.5	25.9	2.8	2.97	6.92	4.19	674	110	0.78	3.15	0.33	46	2.56	284	343	33	0.60	61
HK21-009	88	89.4	1.37	D140924	Original		0.25	6.14	31	0.0025	4120	0.5	24.6	2.8	3490	38	180	0.027	4.27	42	57.2	27.3	31.4	8.31	24.5	82.9	3.5	10.7	3.49	14.75	2220	140	1.83	7.17	0.61	20	0.94	634	983	97	4.00	221
HK21-009	88	89.4	1.37	D140925	FieldDup		0.25	6.3	32	0.007	4230	0.5	24.3	2.9	3390	35	180	0.028	4.51	39	55	26.5	30.4	8.11	24.6	82	3.5	10.45	3.63	14.9	2160	130	1.77	7.08	0.61	19	0.96	657	953	95	3.90	229
HK21-009	89.37	90	0.63	D140926	Original		0.25	11.55	18	0.0025	8100	0.9	16.4	0.7	1955	20	50	0.009	5.35	30	30	15.2	15.7	6.9	20.7	41.8	2.3	5.82	3.22	7.21	1315	170	1.47	6.25	0.63	69	2.13	392	510	52	1.53	105
HK21-009	90	91	1	D140927	Original		0.25	8.64	23	0.0025	7000	0.7	16.1	0.5	2980	50	500	0.070	8.68	68	48.6	22.1	26.2	9.11	24.3	68.6	3.7	9.02	4.79	8.27	1785	200	1.53	9.80	0.51	30	0.99	966	854	156	3.03	29
HK21-009	91	92	1	D140928	Original		0.25	6.11	28	0.0025	5870	0.6	17.0	0.25	3310	96	790	0.106	8.18	141	36.6	17.4	20.9	12.75	26.8	53.4	3.7	6.73	5.31	12.9	2170	290	1.16	11.15	0.63	13	0.09	1100	805	354	1.90	19
HK21-009	92	93	1	D140929	Original		0.25	6.45	25	0.0025	5810	0.6	15.7	0.9	3780	64	790	0.108	9.92	53	49.9	23.1	27.3	13.45	28.7	71.4	3	9.31	5.61	10.45	2460	320	1.26	11.10	0.64	5	0.07	785	969	295	3.32	34
HK21-009				D140930	Control	OREAS 462	0.25	11.1	34	0.008	1045	0																														

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number			
HK21-008				D140690	753	6	51	28.7	380	30	757	0.09	23.7	12.9	239	3.14	0.5	1.1	98.42	5.76	404	3	131	5.14	252	622																		
HK21-008	364	365	1	D140691	152.5	112.5	21	30.2	68.9	2	2860	0.34	11.3	5.47	31.2	1.9	0.5	1.85	99.55	9.14	219	5	156	10.75	284	268																		
HK21-008	365	366	0.74	D140692	161.5	124	23	29.6	75.6	3	2390	0.31	8.5	5.98	43.4	1.78	0.5	1.93	98.41	7.18	233	5	159.5	10.1	305	248																		
HK21-008	366	367	1	D140693	182.5	77.5	28	31.8	81.7	3	3240	0.41	7.9	5.93	96.5	1.89	0.5	1.65	98.42	9.42	437	7	144	8.6	361	356																		
HK21-008	367	368	1.03	D140694	206	99.9	24	32.3	95.5	4	3400	0.41	7.6	7.15	100.5	2.33	0.5	1.88	98.56	10.15	512	4	168	9.9	442	338																		
HK21-008	368	369	0.97	D140695	45.2	67.9	23	32.3	27.1	2	1900	0.23	10.8	2.02	26.5	2.01	0.5	0.51	99.26	9.56	263	9	44.1	2.9	160	282																		
HK21-008	369	370	1	D140696	65.7	65.9	20	31.3	35.3	2	2170	0.26	12.8	2.72	30.2	2.07	0.5	0.73	99.96	13.75	271	7	62.2	4.17	148	290																		
HK21-008	370	371	1	D140697	71.8	66.7	22	30.9	38	2	1840	0.23	11.7	2.88	31.4	1.98	0.5	0.81	98.69	11.75	245	5	67.1	4.58	256	281																		
HK21-008	371	372	1	D140698	122.5	103	21	31.4	63.2	3	2560	0.3	10.2	4.79	44.3	2.04	0.5	1.36	98.36	9.92	248	4	118	7.33	274	282																		
HK21-008	372	373	1	D140699	87.7	104.5	21	31.6	47.2	3	2480	0.3	9.4	3.55	42.5	2.16	0.5	0.99	98.85	8.53	265	9	87.6	5.9	272	283																		
HK21-008				D140700	0.87	1.4	0.5	12.1	0.49	0.5	145	0.02	0.05	0.04	0.55	0.02	0.5	0.01	99.88	0.73	10	0.5	1.3	0.07	20	3																		
HK21-008	373	373	0.3	D140701	232	158	20	29.8	109	6	2870	0.36	7.3	8.62	96.8	2.34	0.5	2.38	99	9.08	434	3	210	12.1	503	315																		
HK21-008	373.3	374	0.7	D140702	142	91.4	19	33.2	61.4	2	3130	0.39	6.3	4.72	64.4	2.08	0.5	1.23	97.84	7.08	419	4	104.5	6.89	317	344																		
HK21-008	374	375	1	D140703	113	104	18	33	51.9	4	2510	0.3	6.1	3.81	55.7	3.01	0.5	1.02	98.26	5.19	498	11	84.3	5.37	345	226																		
HK21-008	375	377	1.71	D140704	292	102	14	23.9	138	3	5400	0.65	4.3	11.35	143	2.02	0.5	2.94	95.5	7.23	487	5	281	14.55	353	214																		
HK21-008	376.7	378	1.29	D140705	120	89.7	17	35.1	49.8	1	2730	0.35	5.3	3.48	46.7	2.7	0.5	0.77	97.91	4.64	336	8	66.7	4.44	195	230																		
HK21-008	378	379	1	D140706	159.5	76.2	19	34.4	64	2	2240	0.27	6.1	4.63	79	2.76	0.5	0.96	99.34	3.89	370	6	79.8	5.25	144	194																		
HK21-008	379	380	1	D140707	331	108	21	29.8	134	1	3030	0.39	7.3	9.28	157.5	2.77	0.5	2.22	98.16	13.4	265	16	197	10.75	158	382																		
HK21-009	53	54	1	D140885	111	139.5	5	47.5	59.4	1	3000	0.36	15.3	5.66	69.4	0.43	5	2.14	99.83	15.15	106	11	206	10.8	93	94																		
HK21-009	54	55	1	D140886	95.2	249	7	46.7	49.4	1	3990	0.47	14.3	5.4	121	0.56	5	2.3	98.35	17.9	139	14	192.5	13.1	149	128																		
HK21-009	55	56	1	D140887	91.8	174.5	7	46.8	44.3	1	4520	0.53	15.5	4.63	79.8	0.51	5	1.96	98.63	13	165	14	167.5	11.35	151	116																		
HK21-009	56	57	1	D140888	126	144.5	12	40.1	46.4	2	5270	0.61	11.2	3.75	62	1	5	1.29	96.92	7.49	195	12	109.5	7.34	220	159																		
HK21-009	57	58	1	D140889	100.5	170	6	46	46.1	1	5050	0.6	16.6	4.3	79.7	0.49	5	1.64	98.8	12.85	127	16	155.5	9.17	200	121																		
HK21-009				D140890	747	6.1	48	28.6	376	31	766	0.1	25.5	13.7	238	3.07	5	1.1	99.08	5.81	421	3	132	5.38	236	620																		
HK21-009	58	59	1	D140891	98.6	167	8	44.9	44.2	1	4890	0.58	13.9	4.02	71.1	0.67	5	1.65	98.37	12	141	12	137	9.47	161	201																		
HK21-009	59	60	1	D140892	106.5	115.5	6	50.3	40.9	1	3720	0.45	13.9	3.21	64.8	0.47	5	1.04	99.35	13.05	113	17	101.5	5.73	144	172																		
HK21-009	88	89.4	1.37	D140924	320	162.5	10	24.8	128.5	1	8020	0.96	18.9	11.2	140.5	0.85	5	3.41	97.1	74.3	181	9	325	17.65	665	304																		
HK21-009	88	89.4	1.37	D140925	312	169	9	24.5	124.5	1	8110	0.96	21.2	10.8	129.5	0.88	5	3.34	96.62	82.9	177	9	321	16.75	723	313																		
HK21-009	89.37	90	0.63	D140926	163	113	11	39.4	63.4	1	6780	0.8	10.7	5.62	86.6	0.45	5	2.01	97.36	12.85	186	11	172	11.7	203	166																		
HK21-009	90	91	1	D140927	282	244	16	30.9	108.5	1	6310	0.75	18	9.17	117	1.45	5	2.82	95.1	16.5	168	7	254	14.1	236	281																		
HK21-009	91	92	1	D140928	285	297	17	25.1	90.6	1	4040	0.48	15.7	6.99	82	1.82	5	2.16	95.93	23.2	160	10	200	11.05	250	267																		
HK21-009	92	93	1	D140929	332	329	13	26.5	117	2	3680	0.44	9.6	9.53	89.9	1.94	5	2.9	96.36	15.4	184	11	270	13.65	343	216																		
HK21-009				D140930	753	6	47	28.2	384	32	768	0.09	25.7	13.55	240	3.03	5	1.16	97.91	5.9	408	4	133.5	5.41	230	627																		
HK21-009	93	94	1	D140931	339	314	19	28.9	140	3	2890	0.35	10.2	11.7	105.5	1.97	5	3.47	98.06	12.4	231	12	358	16.95	370	358																		
HK21-009	94	95	1	D140932	335	322</																																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-009	136	137	1	D140979	Original		0.25	16.7	18	0.005	1705	0.2	14.2	0.5	1145	26	10	0.001	4.16	35	23.6	12.55	11	9.82	19.6	29.3	3.3	4.61	3.14	6.43	812	220	1.17	4.66	0.46	13	2.28	451	307	28	1.12	34
HK21-009				D140980	Control	BLANK	0.25	0.17	2.5	0.0025	21.7	0.0	49.3	0.25	6.6	0.5	5	0.001	0.05	1	0.29	0.2	0.08	0.2	0.2	0.33	0.05	0.06	0.02	37.5	5	5	0.03	2.67	0.01	0.5	0.04	2.6	2.4	5	0.02	1
HK21-009	137	138	1	D140981	Original		0.25	16.4	18	0.0025	2030	0.2	14.4	0.6	1315	25	10	0.001	4.53	37	21.4	11.2	11.05	8.78	18.9	28.3	3.2	4.13	3.12	7.16	904	200	1.09	6.11	0.54	13	2.08	635	348	25	1.09	49
HK21-009	138	139	1	D140982	Original		0.25	16.7	18	0.0025	3070	0.3	13.5	0.5	1630	21	10	0.001	6.79	23	25.3	12.55	13.4	8.9	22.4	33.4	3.8	4.89	3.71	8.8	1105	310	1.16	6.06	0.44	7	1.84	887	422	28	1.18	37
HK21-009	139	140	1	D140983	Original		0.25	9.74	63	0.0025	3440	0.4	19.3	0.7	6200	26	140	0.022	7.91	24	86.3	38.5	50.6	9.01	33.4	125	6.9	15.55	3.66	10.6	3900	270	2.43	5.97	0.27	4	0.36	2300	1845	102	7.72	26
HK21-009	140	141	1	D140984	Original		0.25	10.05	47	0.0025	2150	0.3	19.7	0.6	3120	15	70	0.012	4.85	7	40.6	18.65	23.1	9.07	23.5	58	4.1	7.34	3.39	14.6	2130	280	1.39	6.05	0.28	4	0.46	1035	810	63	4.47	20
HK21-009	141	142	1	D140985	Original		0.25	12.95	12	0.0025	6030	0.7	12.7	0.25	977	10	40	0.007	4.85	13	14.55	7.34	7.17	5.83	18.8	18.65	3.9	2.81	6.01	10.65	739	120	0.84	4.40	0.28	11	1.26	203	230	32	0.59	32
HK21-009	142	143	1	D140986	Original		0.25	11.55	29	0.0025	2440	0.3	18.4	0.5	1100	16	30	0.006	7.12	24	19.85	10.15	9.22	10.8	17.5	24.5	3.6	3.77	3.72	14.15	813	260	1.07	5.38	0.31	8	0.62	267	282	39	2.21	11
HK21-009	143	144	1	D140987	Original		0.25	12.8	17	0.0025	6970	0.7	18.3	0.25	1620	24	50	0.007	6.03	82	21	9.84	11.45	6.23	19.7	27.1	3.2	3.85	4.33	16.45	1150	190	0.96	3.66	0.29	27	1.45	518	396	45	0.94	17
HK21-009	144	145	1	D140988	Original		0.25	11.2	19	0.0025	5850	0.6	14.0	0.6	2010	24	140	0.022	3.56	38	28.8	13.25	15.9	7.13	21.3	40	3	5.23	4.45	6.92	1380	150	1.14	5.93	0.41	24	2.27	460	522	93	1.88	75
HK21-009	145	146	1	D140989	Original		0.25	12.65	12	0.0025	7810	0.8	11.7	0.5	1210	14	40	0.006	2.48	19	20.4	10.6	9.6	5.18	19.1	25.1	2.9	3.9	5.07	5.91	864	160	1	4.89	0.39	42	2.93	168.5	305	42	0.67	152
HK21-009				D140990	Control	OREAS 520	0.25	11.05	155	0.176	8770	1.0	6.0	0.5	86.6	202	50	0.007	0.8	2890	3.72	2.38	1.13	24.1	18.7	4.08	3.7	0.79	4.20	5.63	93	20	0.37	2.12	0.33	59	1.86	7.3	23.6	80	0.18	9
HK21-009	146	147	1	D140991	Original		0.25	11.55	23	0.0025	5110	0.6	15.2	0.25	1675	19	70	0.010	1.68	38	24.1	11.55	12.55	4.34	20.3	32.4	2.5	4.39	3.31	8.25	1195	100	0.98	3.05	0.33	88	3.67	288	426	70	1.61	80
HK21-009	147	148	1	D140992	Original		0.25	12.85	12	0.0025	5620	0.6	12.1	0.25	1155	17	70	0.009	1.68	15	15.9	8.3	7.75	4.17	19.6	21.3	2.7	3.06	4.96	10.15	896	70	0.79	1.45	0.19	77	3.24	192	272	36	0.63	42
HK21-009	148	149	1	D140993	Original		0.25	14.6	10	0.0025	4960	0.5	8.6	0.25	1020	9	100	0.014	2.97	35	17.45	9.47	7.62	7.31	20.9	21.2	3.6	3.39	3.64	11.15	749	170	1	5.52	0.16	22	2.74	192.5	248	45	0.64	43
HK21-009	149	150	1	D140994	Original		0.25	14.5	6	0.0025	7160	0.8	10.4	0.25	1255	6	60	0.009	3.32	14	17.4	8.63	8.59	5.18	23.6	23.8	2.8	3.28	4.53	12.05	1015	130	0.8	3.47	0.15	18	2.40	120.5	287	33	0.27	34
HK21-009	150	151	1	D140995	Original		0.25	14.7	7	0.0025	9790	1.1	8.3	0.25	1335	5	50	0.007	3.25	14	16.7	8.18	8.56	4.99	23.9	23.2	4.7	3.15	4.55	10.1	1115	80	0.79	2.51	0.10	18	2.73	134	303	26	0.29	39
HK21-009	151	152	1	D140996	Original		0.25	15.15	6	0.0025	4790	0.5	5.5	0.25	1085	3	40	0.006	1.48	6	11.8	5.16	6.43	4.82	23	18.4	3.2	2.06	4.32	5.62	816	60	0.46	0.59	0.08	14	5.11	84.8	257	20	0.21	31
HK21-009	152	153	1	D140997	Original		0.25	13.95	11	0.0025	4430	0.5	9.0	0.25	1055	7	60	0.009	1.8	6	20.6	10.8	9.91	4.67	20.9	26.3	3.5	3.92	5.26	8.31	753	90	1.08	2.09	0.13	15	3.38	200	289	26	0.65	31
HK21-009	153	154	1	D140998	Original		0.25	9.73	53	0.0025	2890	0.3	19.5	0.5	2470	38	40	0.006	3.15	12	41.8	21.2	20.5	8.79	20.9	54.3	6.9	8.05	3.00	8.57	1790	150	1.87	5.34	0.38	25	1.44	419	652	52	4.83	41
HK21-009	154	155	1	D140999	Original		0.25	11.65	24	0.0025	5960	0.6	13.9	0.25	2080	33	240	0.035	6.08	65	26.3	12.25	14.15	8.06	23.9	34.8	4.1	4.89	3.76	7.47	1545	190	1.05	7.43	0.44	26	2.16	508	500	147	1.19	56
HK21-009				D141000	Control	BLANK	0.25	0.29	2.5	0.0025	48.9	0.0	48.3	0.25	33.2	1	10	0.001	0.06	3	0.57	0.33	0.4	0.23	0.7	1.09	0.2	0.11	0.06	36.2	25.5	5	0.03	2.48	0.01	0.5	0.09	9.8	13.8	0.5	0.03	3
HK21-009	155	156	1	D141001	Original		0.25	11.8	28	0.0025	5480	0.6	11.9	0.25	1620	41	520	0.074	7.87	36	22.2	11.15	12.2	12.5	20.3	31	3.8	4.18	4.59	8.2	1165	210	0.9	9.99	0.40	8	0.67	409	414	209	1.83	12
HK21-009	156	157	1	D141002	Original		0.25	13.45	28	0.0025	4030	0.4	12.5	0.5	1745	27	320	0.046	8.57	31	22	10.35	12.95	12	22.3	32.4	3.9	4.02	4.72	11.25	1245	280	0.98	8.68	0.34	4	0.47	408	452	143	1.69	17
HK21-009	157	158	1	D141003	Original		0.25	13.55	16	0.0025	4400	0.5	11.7	0.25	1205	22	80	0.013	4.02	27	14.15	6.94	8.32	7.01	19.2	20.4	4.4	2.7	4.71	7.97	871	200	0.86	5.90	0.42	21	2.39	271	294	69	0.50	38
HK21-009	158	159	1	D141004	Original		0.25	13.2	18	0.0025	3070	0.3	9.1	0.25	1555	12	70	0.010	5.22	31	16.55	8.63	9.59	8.27	21.2	23.9	3.7	3.07	5.53	13.8	1180	160	0.81	5.42	0.14	6	0.33	277	356	48	0.59	19
HK21-009	159	160	1	D141005	Original		0.25	13.75	32	0.0025	6190	0.6	9.0	0.25	2270	16	110	0.016	6.52	24	23.1	10.6	14.1	6.86	26.1	35.2	4.3	4.19	6.49	10.9	1715	160	0.98	4.53	0.14	18	0.59	528	531	61	1.94	21
HK21-009	160	161	1	D141006	Original		0.25	15.55	11	0.144	10000	1.3	7.2	0.25	1030	15	50	0.007	3.05	9	13.35	6.92	6.36	5.04	24.2	17.25	3.4	2.51	7.37	7.42	859	110	0.69	3.17	0.15	97	2.32	93.2	221	33	0.16	25
HK21-009	161	162	1	D141007	Original		0.25	15.9	8	0.0025	8850	1.0	6.9	0.25	866	11	50	0.008	3.2	8	7.41	4.14	3.9	4.6	23.8	9.81	4.4	1.4	4.17	5.75	848	140	0.43	2.82	0.20	102	5.64	103	159	22	0.11	40
HK21-009	162	163	1	D141008	Original		0.25	14.9	18	0.0025	6860	0.7	7.4	0.25	1285	15	100	0.015	4.28	15	15.15	7.55	8.26	8.71	21.5	20.9	3.9	2.94	5.48	11.1	970	170	0.78	6.20	0.14	18	0.87	227	301	54	0.94	11
HK21-009	163	164	1	D141009	Original		0.25	12.6	34	0.0025	4310	0.5	13.8	0.25	2120	28	220	0.032	4.66	25	27.6	13.05	15.85	8.4	22.5	39.3	3.5	5.01	3.81	8.06	1445	210	1.14	6.07	0.35	15	1.92	459	556	100	1.55	25
HK21-009				D141010	Control	OREAS 462	0.25	11.4	47		1095	0.1	1.8	0.25	5250	29	610	0.086	0.47	66	51.5	12.1	77.5	49	55.4	159.5	13.4	6.74	0.15	1.14	4000	10	0.6	1.83	0.12	46	0.24	1540	2880	162	1.14	111
HK21-009	164	165	1	D141011	Original		0.25	12.4	26	0.0025	4370	0.5	16.3																													

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-009	183	184	1	D141033	Original		0.25	11.8	20	0.0025	6380	0.7	12.4	0.7	1640	23	60	0.008	2.42	40	28.4	14.4	13.55	5.82	20.2	36.3	3.1	5.04	5.24	5.66	1040	100	1.14	4.97	0.41	66	2.32	217	448	76	0.95	95
HK21-009	184	185	1	D141034	Original		0.25	11.1	23	0.0025	3710	0.4	18.7	0.6	2100	27	70	0.010	2.51	40	32	14.85	18.25	6.84	22.3	47.7	4.1	5.41	3.13	7.5	1260	150	1.07	5.10	0.51	43	2.63	203	600	105	2.17	73
HK21-009	185	186	1.32	D141035	Original		0.25	10.8	14	0.0025	3680	0.4	18.4	0.7	996	20	40	0.005	2.82	19	13.25	6.74	7.2	7.09	17.9	18.95	2.9	2.27	2.63	9.37	681	210	0.85	5.67	0.58	14	3.12	151.5	255	60	0.62	91
HK21-009	186.3	187	0.68	D141036	Original		0.25	11.2	10	0.0025	1585	0.2	14.2	0.25	884	48	250	0.035	2.25	69	18.85	8.46	9.37	11.1	19.2	25.4	3.5	3.09	1.56	9.76	515	70	0.67	6.65	0.30	7	2.60	144.5	270	248	2.06	14
HK21-009	187	188	1.32	D141037	Original		0.25	12.45	2.5	0.0025	759	0.1	12.9	0.25	120.5	52	320	0.045	1.06	84	5.06	2.43	2.12	10.15	15.6	6.09	2.8	0.88	1.16	10.45	64.4	20	0.3	5.86	0.22	2	2.82	71.8	47	283	0.58	4
HK21-009	188.3	189	0.68	D141038	Original		0.25	9.84	13	0.0025	3930	0.4	17.3	0.8	1685	32	150	0.021	7.37	20	34.9	16.75	17.3	10.2	20.2	44.7	4.5	5.95	3.28	9.2	1005	350	1.36	6.81	0.46	15	1.90	1215	495	158	0.55	137
HK21-009	189	190	1	D141039	Original		0.25	7.07	14	0.0025	2870	0.3	24.5	2.1	1775	34	210	0.030	4.22	47	30.7	14.25	17.05	9.12	17.7	43.9	4.4	5.54	2.42	12.2	1035	200	1.14	6.96	0.50	48	1.25	644	534	162	1.78	226
HK21-009				D141040	Control	BLANK	0.25	0.12	2.5	0.005	33.5	0.0	48.1	0.25	25.5	0.5	5	0.001	0.05	1	0.6	0.32	0.27	0.18	0.05	0.95	0.05	0.1	0.01	37.2	15.9	5	0.03	2.33	0.01	1	0.04	4.5	8.3	2	0.07	4
HK21-009	190	191	1	D141041	Original		0.25	9.7	12	0.0025	2590	0.3	18.5	0.8	2080	33	130	0.018	4	62	29.1	13.45	15.8	9.16	21.1	40.5	5.6	4.87	2.53	6.39	1230	200	1.29	7.29	0.50	20	1.70	804	568	151	1.07	48
HK21-009	191	192	1.16	D141042	Original		0.25	11.6	16	0.0025	1840	0.2	16.2	0.7	2960	47	170	0.024	4.27	84	34.2	15	20.7	10.05	26.5	51.2	4.6	5.79	2.80	7.53	1825	150	1.09	5.90	0.44	27	2.14	999	766	230	1.33	37
HK21-009	192.2	193	0.84	D141043	Original		0.25	13.8	2.5	0.0025	1225	0.1	13.4	0.25	230	45	240	0.033	1.39	63	7.02	3.52	3.34	11.95	16.1	8.89	4.8	1.32	1.98	8.64	118.5	30	0.39	5.25	0.21	5	1.84	127.5	91	168	1.24	5
HK21-009	193	194	1.14	D141044	Original		0.25	14.95	2.5	0.0025	1260	0.1	9.6	0.25	285	36	220	0.031	3.44	49	10.85	5.5	4.31	9.54	17.6	13.25	5.1	2.02	3.52	10.75	152.5	50	0.49	3.63	0.16	3	1.67	131	105.5	112	1.34	6
HK21-009	194.1	195	0.86	D141045	Original		0.25	7.31	13	0.0025	1930	0.2	23.3	0.25	1190	30	60	0.009	2.94	22	27.4	12.9	12.75	5.54	14.7	35.3	2.1	4.74	2.42	23.8	668	40	1.08	4.39	0.60	37	0.81	140.5	382	106	1.11	33
HK21-009	195	196	1	D141046	Original		0.25	10.1	13	0.0025	1885	0.2	17.4	0.25	1885	18	10	0.003	2.79	39	40.4	19.15	19.55	7.81	20.1	52.7	4.6	7	2.21	21.6	1030	140	1.54	6.92	0.55	17	1.53	311	605	75	2.05	47
HK21-009	196	197	1	D141047	Original		0.25	12.15	25	0.0025	2360	0.3	17.1	0.5	6430	25	40	0.007	3.69	17	124	53.4	68.3	7.36	40.9	187.5	3.2	20.8	3.44	13.95	3480	250	2.71	4.55	0.51	20	1.15	151	2100	122	6.04	46
HK21-009	197	198	1	D141048	Original		0.25	10.05	19	0.0025	4630	0.5	15.1	0.25	3330	18	70	0.010	3.27	16	54.2	25.9	31.7	11.15	27.1	84.2	3.9	10.05	2.54	17.45	1825	150	2.12	5.61	0.69	30	1.42	452	1045	68	2.59	21
HK21-009	198	199	1	D141049	Original		0.25	11.4	21	0.0025	4110	0.5	16.1	0.5	3190	24	90	0.014	4.81	22	47.8	21.3	28.9	9.06	26.7	76.6	3.3	8.72	3.83	10.15	1765	190	1.68	5.52	0.51	58	1.38	592	975	87	2.48	22
HK21-009				D141050	Control	OREAS 462	0.25	11.35	33	0.0025	1075	0.1	1.8	0.25	5330	21	620	0.086	0.43	60	49.3	11.6	75.6	48.9	52.5	153.5	12.9	6.18	0.15	1.08	3850	10	0.6	1.84	0.12	45	0.24	1515	2920	148	1.13	117
HK21-009	199	200	1	D141051	Original		0.25	12	15	0.0025	4870	0.5	11.3	0.25	2970	28	160	0.023	3.46	16	45.5	20.7	26.9	11.9	29.8	71.2	6.2	8.21	4.21	13.9	1645	150	1.65	5.45	0.42	59	0.97	701	904	126	1.74	22
HK21-009	200	201	1	D141052	Original		0.25	10.75	14	0.0025	2680	0.3	10.3	0.25	2810	31	190	0.027	4.93	17	31.7	12.9	24	13.65	25.8	59.6	3.7	5.48	3.52	14.5	1595	160	1.08	5.46	0.46	20	0.28	455	835	160	0.89	28
HK21-009	201	202	1	D141053	Original		0.25	10.8	16	0.0025	5000	0.5	15.5	0.5	2890	23	130	0.018	6.26	22	37.9	16.9	24.5	9.92	25.9	63.2	6.8	6.84	3.98	14.15	1660	270	1.43	5.85	0.48	19	1.03	613	853	100	1.08	18
HK21-009	202	203	1.42	D141054	Original		0.25	9.31	37	0.006	4720	0.5	15.9	0.25	2570	74	160	0.023	5.63	33	38.1	18.6	21.5	9.5	24.6	54.8	10.5	7.13	2.92	19.6	1510	230	1.9	7.89	0.63	43	0.50	1520	743	179	1.41	16
HK21-009	203.4	204	0.58	D141055	Original		0.25	8.56	15	0.0025	6320	0.7	19.2	0.6	2700	27	190	0.026	8.58	13	41.4	19.1	24.6	12.8	24	65	3.5	7.61	3.80	17.5	1630	230	1.39	6.19	0.54	34	0.89	415	805	96	2.44	19
HK21-009	204	205	1	D141056	Original		0.25	11.1	18	0.0025	3860	0.4	18.3	0.5	2250	15	140	0.020	5.72	17	40.5	19.15	22.5	9.59	21.1	59.3	2.7	7.29	3.32	12.65	1300	310	1.42	5.76	0.46	14	1.26	147	698	87	1.71	20
HK21-009	205	206	1	D141057	Original		0.25	12.45	12	0.0025	4650	0.5	16.5	0.25	960	17	10	0.001	3.94	12	22	13.8	9.12	6.72	19	25.5	13.4	4.61	3.47	16.2	627	260	1.9	5.96	0.49	21	1.96	1215	270	35	0.57	13
HK21-009	206	207	1	D141058	Original		0.25	11.95	11	0.0025	4030	0.4	19.4	0.5	1295	14	5	0.001	6	24	23.7	12.55	12.65	5.37	19.3	32.6	8.9	4.6	3.23	15.4	773	280	1.49	5.75	0.45	67	2.41	760	389	22	0.98	49
HK21-009	207	208	1	D141059	Original		0.25	12.3	18	0.0025	4620	0.5	17.8	0.8	2350	14	20	0.002	5.81	11	41.5	20.4	21.9	6.09	21	57.6	4.2	7.84	3.69	7.19	1355	170	1.82	5.03	0.50	25	2.81	618	696	39	1.85	70
HK21-009				D141060	Control	BLANK	0.25	0.24	2.5	0.0025	36.7	0.0	48.2	0.25	13.2	1	5	0.001	0.04	2	0.47	0.24	0.15	0.2	0.5	0.53	0.2	0.09	0.04	36.5	7.9	5	0.03	2.57	0.01	0.5	0.08	4.3	4.8	3	0.02	3
HK21-009	208	209	0.9	D141061	Original		0.25	11.35	22	0.0025	3320	0.4	18.4	0.5	3020	35	70	0.010	4.39	38	43.3	18.7	25.7	7.12	24.4	65.2	3	7.75	3.18	13.4	1685	200	1.4	5.70	0.43	58	1.91	1410	862	84	2.23	24
HK21-009	208.9	210	1.1	D141062	Original		0.25	15.75	17	0.0025	3440	0.4	10.8	0.25	2100	19	10	0.002	6.89	28	32.1	15.2	18	5.71	24.4	46.1	3	5.9	6.03	12.3	1210	290	1.53	3.50	0.23	57	1.14	1070	600	48	1.32	15
HK21-009	210	211	1	D141063	Original		0.25	13.65	15	0.0025	5020	0.5	14.0	0.25	1790	12	30	0.004	5.86	13	29.5	15.05	15.9	4.99	20.6	42	1.7	5.6	6.17	14.35	1100	230	1.38	3.40	0.29	36	0.93	448	498	43	1.24	11
HK21-009	211	212	1	D141064	Original		0.25	13	16	0.009	3280	0.3	18.1	0.25	1885	12	20	0.003	6.5	17	32.1	17.65	16.95	7.97	23.1	45.5	6.4	6.28	3.85	16.3	1160	320	1.79	3.88	0.32	29	1.19	973	541	56	1.86	5
HK21-009	212	213</																																								

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sn_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK21-009	183	184	1	D141033	142.5	110.5	10	47.4	55.4	1	4430	0.52	2.3	4.73	56.2	0.44	5	1.85	98.63	4.48	112	13	151.5	10.6	158	178								0.02153	0.031042	2.808416	0.038992	63.94998	0.421437		
HK21-009	184	185	1	D141034	188	94.7	11	40.5	70.3	2	8500	1	1.6	5.95	51.2	0.37	5	1.72	99.97	4.74	140	11	156	9.55	180	235								0.032296	0.02904	1.953681	0.043655	58.26048	0.528692		
HK21-009	185	186	1.32	D141035	83.7	92.5	9	39.6	29.1	1	6810	0.8	1	2.36	23.7	0.24	5	0.92	99.29	2.53	168	7	68.3	6.17	175	194								0.045214	0.021672	1.22105	0.018793	26.96823	0.254585		
HK21-009	186.3	187	0.68	D141036	82.1	63.6	17	38.3	35.3	1	3410	0.4	4.4	3.27	34.9	1.04	5	1.03	99.39	9.27	174	4	82.9	5.29	110	210								0.015071	0.020671	5.372622	0.023291	39.71271	0.227954		
HK21-009	187	188	1.32	D141037	12.85	33.8	19	41.4	7.1	1	1325	0.16	3.5	0.84	8.87	1.31	5	0.33	99.54	4.95	171	3	23.3	1.96	59	147								0.004306	0.010271	4.273676	0.006081	10.093173	0.034636		
HK21-009	188.3	189	0.68	D141038	152.5	180	16	36.4	65.6	2	3810	0.45	20.9	6.26	88.7	1.55	5	2.07	98.35	24.3	190	8	161	12.55	241	262								0.075356	0.173809	25.519954	0.044351	100.93173	0.434438		
HK21-009	189	190	1	D141039	163.5	111	19	31.3	66.6	2	6120	0.73	12.2	5.77	73.2	0.96	5	1.64	99.14	14.85	179	9	140	9.25	318	279								0.043061	0.092126	14.896815	0.040358	83.29428	0.450397		
HK21-009				D141040	2.65	1.1	0.5	11.7	1.23	0.5	165	0.02	0.05	0.11	1.29	0.01	5	0.04	99.79	0.26	2.5	1	4.2	0.28	4	4															
HK21-009	190	191	1	D141041	182	101	19	39.2	64.6	2	5380	0.64	13.9	5.37	93.9	1.22	5	1.55	98.16	9.79	210	7	127.5	9.78	213	345								0.043061	0.115014	16.972601	0.037671	106.84881	0.51248		
HK21-009	191	192	1.16	D141042	254	110.5	18	37.4	82.6	2	4340	0.52	18.3	6.39	126.5	2.17	5	1.73	98.26	13.75	229	11	138.5	9.51	187	274								0.032296	0.142909	22.345223	0.043908	143.94435	0.722973		
HK21-009	192.2	193	0.84	D141043	24.8	53.1	22	38.6	13.05	2	1535	0.18	5.6	1.26	9.88	1.79	5	0.48	99	1.67	212	2	35.5	3.13	69	246								0.006459	0.018239	6.837882	0.009393	11.242452	0.063601		
HK21-009	193	194	1.14	D141044	30	100.5	24	41.3	15.9	2	1450	0.17	5.6	1.79	8.38	1.93	5	0.68	98.74	4.43	225	6	55.8	3.61	36	271								0.010765	0.01874	6.837882	0.013812	9.535602	0.080689		
HK21-009	194.1	195	0.86	D141045	113.5	62.5	7	29.1	51.1	1	1805	0.21	3.7	4.86	71.3	0.52	5	1.57	99.34	12.85	113	18	133	9.13	24	174								0.008612	0.020099	4.517887	0.035425	81.13227	0.310427		
HK21-009	195	196	1	D141046	181.5	58.3	5	28.4	79.5	2	2110	0.27	9.1	7.11	129.5	0.31	5	2.37	99.37	22.6	102	8	184.5	13.5	22	412								0.030143	0.044489	11.111559	0.051417	147.35805	0.483987		
HK21-009	196	197	1	D141047	644	100.5	8	31.7	274	2	4490	0.56	2.5	23	475	0.49	5	5.57	99.28	29.9	156	13	555	29.1	25	257								0.053826	0.021601	3.052626	0.161399	540.5025	1.640316		
HK21-009	197	198	1	D141048	330	92.8	5	30	137.5	2	2870	0.34	12.1	10.35	316	0.94	5	3.33	98.34	20.7	210	22	271	18.35	62	380								0.032296	0.06466	14.77471	0.077971	359.5764	0.841353		
HK21-009	198	199	1	D141049	310	128.5	12	37.8	129	2	3630	0.45	6.5	9.35	228	0.94	5	2.59	100.09	21.2	266	17	230	14.1	103	265								0.040908	0.084687	7.936828	0.068432	259.4412	0.797989		
HK21-009				D141050	776	6.2	46	29.1	391	30	765	0.09	24.5	12.45	246	3.12	5	1.11	99.15	6.07	411	3	133.5	5.22	234	632															
HK21-009	199	200	1	D141051	289	129.5	15	34.9	117.5	4	1980	0.23	18	8.75	492	1.33	5	2.7	98.85	23.5	421	21	217	14.8	70	521								0.032296	0.10028	21.978908	0.064222	559.8468	0.743268		
HK21-009	200	201	1	D141052	270	128.5	15	37.3	106	3	1675	0.19	4	6.63	79.2	0.91	5	1.57	98.52	18.4	294	25	152	9.01	75	245								0.034449	0.065089	4.884202	0.049075	90.12168	0.69349		
HK21-009	201	202	1	D141053	274	175.5	15	33.8	111.5	3	3290	0.38	10.8	7.54	416	0.98	5	2.06	98.45	24.7	223	11	182	11.95	160	472								0.058132	0.087691	13.187345	0.055856	473.3664	0.719726		
HK21-009	202	203	1.42	D141054	229	129	11	28.3	94.9	3	2240	0.27	31.6	7.22	221	0.96	5	2.57	97.66	60.2	199	9	197.5	14.65	61	972								0.04952	0.21744	38.585193	0.055217	251.4759	0.645955		
HK21-009	203.4	204	0.58	D141055	259	199	11	25.8	107	3	5580	0.64	7.2	8.2	286	1.49	5	2.41	100.5	27.5	344	12	199	12.35	205	279								0.04952	0.059367	8.791563	0.05861	325.4394	0.689278		
HK21-009	204	205	1	D141056	216	131	10	33.9	95.1	2	4410	0.52	2.2	7.71	481	0.51	5	2.31	99.46	11.05	191	9	194.5	12.35	147	228								0.066744	0.021029	2.686311	0.05556	547.3299	0.577363		
HK21-009	205	206	1	D141057	82.6	119.5	3	35.5	36.8	3	3880	0.45	40.1	3.65	73	0.29	5	2.05	101.01	24.2	97	9	148.5	13.95	77	1350								0.055979	0.173809	48.964122	0.034211	83.0667	0.260925		
HK21-009	206	207	1	D141058	117	127	4	33.1	51.5	2	7540	0.88	22	4.3	140	0.28	5	1.73	99.63	46.1	71	5	125.5	11.3	122	840								0.060285	0.10872	26.863109	0.033962	159.306	0.334868		
HK21-009	207	208	1	D141059	211	154.5	6	41.6	94	2	6920	0.8	11.2	7.61	295	0.3	5	2.66	100.4	37.2	98	10	226	14.95	158	324								0.036602	0.088406	13.675765	0.059858	335.6805	0.599017		
HK21-009				D141060	1.32	1.7	0.5	12.95	0.78	0.5	109	0.01	0.05	0.07	2.77	0.01	5	0.03	100.83	0.51	2.5	0.5	3.5	0.23	4	6															
HK21-009	208	209	0.9	D141061	288	122.5	12	32.8	107.5	1	5090	0.59	24.5	8.28	172.5	1.23	5	2.31	98.66	35.7	138	12	203	12.15	97	245								0.043061	0.201704	29.915735	0.059491	196.28775	0.744123		
HK21-009	208.9	210	1.1	D141062	186.5	194	4	41.5	77	1	3430	0.4	15.4	5.96	102.5	0.76	5	2.08	99.76	27.2	104	7	164.5	12.2	50	241								0.062438	0.153066	18.804176	0.045802	116.63475	0.524799		
HK21-009	210	211	1	D141063	155.5	207	4	39.3	65.5	1	3760	0.43	16.4	5.49	99.6	0.35	5	1.99	99.58	18.5	103	5	155.5	11.85	40	130								0.04952	0.064088	20.025227	0.042138	113.33484	0.456454		
HK21-009	211	212	1	D141064	166.5	156	8	31.4	71.5	2	6140	0.7	27.8	5.94	90.2	0.43	5	2.28	99.29	27.9	134	6	191	13.5	58	652								0.068897	0.13919	33.945202	0.04886	102.63858	0.487591		
HK21-009	212	213	1	D141065	277	151.5	6	32.8	109	2	3860	0.45	19.3	8.17	129.5	0.4	5	2.39	99.35	33.2	112	7	206	13.55	35	159								0.036602	0.099565	23.566273	0.060375	147.35805	0.72769		
HK21-009	213	214	1	D141066	222	189.5	8	36.6	97.2	1	3800	0.44	19.5	7.73	101	0.49	5	2.3	98.97	18.3	120	6	197.5	12.75	44	175								0.073203	0.097848	23.810483	0.056642	114.9279	0.615331		
HK21-009	214	215	1	D141067	172.5	156	5	35.8	77.7	1	2900	0.33	18.6	5.95	92.9	0.38	5	1.82	98.13	20	139	6	156.5	11.1	34	123								0.036602	0.074816	22.711538	0.044583	105.71091			

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-009	232	233	1	D141087	Original		0.25	14.85	2.5	0.0025	1235	0.1	9.1	0.25	182.5	68	260	0.036	2.91	35	8.77	4.71	3.45	12.45	16.6	9.53	4.9	1.73	3.63	9.91	90.6	50	0.46	4.10	0.15	2	1.58	103	75.8	163	1.35	3
HK21-009	233	234	1	D141088	Original		0.25	14.6	2.5	0.0025	1230	0.1	9.6	0.25	180	59	260	0.034	1.69	32	8.01	3.95	3.5	15.6	16.4	9.86	4.7	1.65	2.83	9.88	89	30	0.37	4.43	0.17	2	1.75	103.5	76.1	197	1.28	3
HK21-009	234	235	1	D141089	Original		0.25	13.85	6	0.0025	1425	0.2	5.9	0.25	497	21	230	0.031	4.36	9	11.1	5.42	5.88	11.55	17.3	15.4	4.7	2.05	4.43	9.63	280	40	0.51	2.68	0.11	4	1.47	168	165.5	72	1.43	4
HK21-009				D141090	Control	OREAS 462	0.25	11.4	34	0.0025	1055	0.1	1.9	0.7	5010	20	650	0.084	0.46	60	51.5	12.15	75.9	50.2	54	158	13.9	6.59	0.15	1.16	3820	10	0.62	1.77	0.12	46	0.23	1530	2770	151	1.17	117
HK21-009	235	236	1	D141091	Original		0.25	11.9	2.5	0.0025	1900	0.2	4.3	0.25	420	13	200	0.027	5.02	14	9.43	4.69	4.74	16.7	16.4	12.6	4.3	1.83	3.75	11.7	228	30	0.47	3.20	0.19	4	0.85	159	135.5	73	1.50	5
HK21-009	236	237	1	D141092	Original		0.25	14.5	2.5	0.029	1175	0.1	6.8	0.25	203	74	310	0.041	4.06	29	8.08	4.39	3.38	5.66	18.6	9.56	4.2	1.6	2.90	16.3	110.5	40	0.45	4.19	0.20	46	1.27	132.5	80.5	165	1.52	10
HK21-009	237	239	1.59	D141093	Original		0.25	12	2.5	0.0025	210	0.0	6.0	0.25	119.5	44	330	0.045	4.2	33	7.19	3.97	2.39	14.7	15.8	7.13	2.7	1.46	2.98	15.15	64.3	30	0.45	4.20	0.27	18	0.96	75.2	47.7	156	0.57	4
HK21-009	238.6	240	1.41	D141094	Original		0.25	12.5	14	0.0025	3260	0.3	9.3	0.25	2200	10	40	0.006	4.21	8	35.9	15.5	21.4	8.5	24.8	56	2.6	6.37	5.55	10.65	1320	140	1.2	2.82	0.25	10	0.63	268	679	69	2.10	20
HK21-009	240	241	1	D141095	Original		0.25	13.6	8	0.0025	9150	1.0	8.0	0.25	1175	14	40	0.006	1.43	59	16.2	8.46	8.73	4.53	21.6	22.8	5.1	3.16	5.38	9.45	835	40	0.84	1.76	0.22	42	3.63	117	300	38	0.37	20
HK21-009	241	242	1	D141096	Original		0.25	13.15	6	0.0025	8610	0.9	9.8	0.25	1180	11	50	0.007	2.24	17	15.85	8.32	7.97	3.96	21.7	21.2	3.8	3.1	5.97	8.13	864	60	0.8	2.12	0.29	66	3.24	157	286	31	0.20	87
HK21-009	242	243	1	D141097	Original		0.25	12.65	17	0.0025	4500	0.5	18.0	0.5	2490	35	80	0.011	6.62	13	43.1	20.8	23.5	10.6	27.3	61.8	4.4	7.83	4.01	13.15	1515	330	1.68	4.44	0.39	66	1.15	601	734	98	1.80	17
HK21-009	243	244	1	D141098	Original		0.25	7.65	21	0.0025	2150	0.2	22.6	0.5	6040	67	280	0.038	5.02	60	95.3	43.1	55.1	10.05	34	144	5.6	17.4	2.31	15.75	3500	160	2.72	4.90	0.45	26	0.61	2480	1930	195	5.67	22
HK21-009	244	245	1	D141099	Original		0.25	7.69	23	0.0025	1830	0.2	24.6	0.6	7860	30	380	0.051	3.5	46	128	56.5	74.3	9.08	43	194	4.1	23	2.39	15.35	4510	130	2.98	3.96	0.43	23	0.33	2600	2520	145	7.69	33
HK21-009				D141100	Control	BLANK	0.25	0.14	2.5	0.0025	24.9	0.0	48.3	0.25	38.2	1	5	0.001	0.05	2	0.83	0.45	0.35	0.2	0.4	1.08	0.1	0.15	0.02	37.4	22.8	5	0.03	2.15	0.01	0.5	0.03	14.1	12.5	3	0.04	1
HK21-009	245	246	1	D141101	Original		0.25	7.57	22	0.0025	1595	0.2	25.5	0.8	9130	43	390	0.052	3.09	27	140.5	60.6	83.9	10.7	46.5	218	4.5	25.1	2.23	10.75	5160	130	3.18	4.15	0.37	14	0.74	3300	2930	180	9.26	34
HK21-009	246	247	1	D141102	Original		0.25	11.65	19	0.0025	3470	0.4	18.7	0.25	4370	39	150	0.020	4.99	27	76.9	34.8	42.4	7.73	31.7	114	3.8	14.05	4.98	12.35	2550	170	2.23	3.63	0.32	91	0.57	1130	1445	115	4.45	21
HK21-009	247	248	1.27	D141103	Original		0.25	16.4	10	0.0025	4370	0.5	8.4	0.25	1435	10	20	0.003	7.35	12	21.7	11.15	12.25	6.57	24	31.5	2.2	4.1	6.72	10.9	962	150	1.15	2.66	0.20	42	1.11	478	398	26	0.92	6
HK21-009	248.3	249	0.86	D141104	Original		0.25	18.75	2.5	0.0025	2200	0.2	3.3	0.25	280	4	5	0.001	3.03	5	7.99	5.89	2.62	3.75	17.2	7.06	5.7	1.76	7.50	8.88	169.5	70	0.83	1.85	0.08	19	1.20	382	73.3	9	0.16	3
HK21-009	249.1	250	0.87	D141105	Original		0.25	16.8	10	0.0025	2930	0.3	10.1	0.25	1735	9	20	0.003	7.43	11	27.2	12.95	15.55	6.44	24.4	40.5	1.7	5.05	5.28	13.15	1115	270	1.19	3.02	0.22	25	1.29	582	492	29	1.07	10
HK21-009	250	251	1	D141106	Original		0.25	16.95	11	0.0025	4000	0.4	11.2	0.25	1870	7	10	0.002	6.16	4	33.4	16.55	17.3	5.91	24.4	45.8	3.3	6.33	7.72	10.1	1225	190	1.38	2.50	0.27	27	0.86	526	531	26	1.92	7
HK21-009	251	252	1	D141107	Original		0.25	15.35	16	0.0025	3780	0.4	14.3	0.6	2080	63	20	0.003	9.05	48	35.5	16.75	19.95	6.76	23.2	52	3.2	6.62	5.25	8.97	1245	240	1.49	4.17	0.40	35	1.77	760	628	171	2.27	32
HK21-009	252	253	1.3	D141108	Original		0.25	11.95	18	0.0025	2910	0.3	20.4	0.5	3640	49	70	0.010	6.71	102	53.2	24.1	31.5	6.67	26.5	82.1	3	9.72	3.21	15.7	2190	240	1.57	3.88	0.30	30	1.46	1030	1050	138	3.66	24
HK21-009	253.3	255	1.7	D141109	Original		0.25	14.45	2.5	0.0025	1345	0.2	11.3	0.25	210	38	190	0.026	2.39	55	5.96	2.86	3.36	10.65	15	8.75	4.4	1.13	2.28	9.14	111	30	0.38	4.33	0.17	2	2.11	116.5	84.4	87	1.45	6
HK21-009				D141110	Control	OREAS 520	0.25	10.85	153	0.182	8650	0.9	5.9	0.6	85.8	204	50	0.006	0.74	2890	3.88	2.21	1.15	24.4	18.9	4.05	3.5	0.75	4.17	6.34	91	20	0.33	2.07	0.32	58	1.86	7.5	23.6	82	0.18	6
HK21-009	255	256	1.18	D141111	Original		0.25	14.55	2.5	0.0025	1335	0.2	9.9	0.25	203	37	190	0.025	2.16	58	6.15	3.23	3.16	12.35	15	8.67	4.2	1.18	2.20	7.79	108	30	0.4	4.83	0.15	2	2.04	115.5	82.6	98	1.47	5
HK21-009	256.2	257	0.82	D141112	Original		0.25	11.9	11	0.0025	1295	0.1	15.0	0.25	2330	28	220	0.028	5.61	14	35.8	16.35	21.4	10	23.2	56	3.2	6.46	3.02	10.7	1380	100	1.28	5.00	0.35	17	1.83	919	698	110	2.51	8
HK21-009	257	258	1	D141113	Original		0.25	9.34	12	0.0025	3500	0.4	17.5	0.5	3640	29	400	0.053	15.25	13	61	28.1	34	10.65	29	91.1	3.6	11.2	3.75	8.3	2180	120	1.66	8.41	0.45	12	1.81	857	1095	171	4.15	20
HK21-009	258	259	1	D141114	Original		0.25	7.68	22	0.0025	1925	0.2	25.6	0.8	6310	29	270	0.036	2.91	35	104	46.1	60	9.07	33.3	155	3.3	18.45	1.89	7.86	3660	120	2.54	5.27	0.45	21	1.78	1825	2040	123	8.47	56
HK21-009	259	260	1	D141115	Original		0.25	14.2	9	0.0025	2020	0.2	17.2	0.6	2090	16	30	0.003	3.36	18	33.3	16.2	18.5	6.33	22.1	48.2	2.6	6.17	2.80	7.45	1265	240	1.43	5.32	0.48	20	3.25	756	611	38	2.40	36
HK21-009	260	261	1	D141116	Original		0.25	10.75	14	0.0025	1875	0.2	22.1	1.2	3640	26	60	0.007	3.54	31	62.2	27.9	34.8	7.14	25.8	93.1	2.5	11.3	2.45	6.4	2130	170	1.75	5.69	0.47	39	3.14	1125	1115	88	5.39	87
HK21-009	261	262	1	D141117	Original		0.25	15.25	11	0.0025	2790	0.3	15.9	0.8	2000	18	10	0.002	4.53	12	23.4	10.6	14.65	6.04	23.2	35.1	2.8	4.25	3.29	8.43	1140	240	1.13	4.91	0.47	73	4.24	1405	520	25	1.44	55
HK21-009	262	263	1	D141118	Original		0.25	15.6	10	0.013	6040	0.7	13.4	0.7	1650	11	20	0.003	9.87	10	26.4	13.55	12.95	5.9	21.8	32.4	2.3	5.11	5.17	8.33	1015	180	1.36	2.88	0.45	60	3.18	490	427	27	0.76	38
HK21-009	263	264	0.94	D141119																																						

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Sample Type	Control Type	Ag_ppm	Al2O3_pct	As_ppm	Au_ppm	Ba_ppm	BaO_pct	CaO_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cr2O3_pct	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe2O3_pct	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	K2O_pct	LOI_pct	La_ppm	Li_ppm	Lu_ppm	MgO_pct	MnO_pct	Mo_ppm	Na2O_pct	Nb_ppm	Nd_ppm	Ni_ppm	P2O5_pct	Pb_ppm
HK21-009	284	285	1	D141141	Original		0.25	16.05	9	0.0025	7780	0.8	10.0	0.25	1420	12	40	0.005	5.32	5	18.35	8.81	10.55	6.36	21.7	26	1.9	3.36	7.09	9.85	880	100	0.93	2.72	0.28	5	1.19	753	374	31	1.00	9
HK21-009	285	286	0.87	D141142	Original		0.25	15.95	8	0.0025	5630	0.6	12.2	0.7	1050	12	60	0.009	7.18	12	18.4	9.24	8.55	5.68	21.3	21.6	2.6	3.53	5.87	8.47	683	130	1.06	2.59	0.42	8	3.13	504	269	45	0.60	38
HK21-009	285.9	287	0.89	D141143	Original		0.25	18.6	7	0.0025	1575	0.2	2.6	0.25	1080	10	20	0.003	5.4	5	12.8	7.02	6.11	5.49	24.9	16.45	6.7	2.54	7.31	7.95	676	70	0.86	2.28	0.08	12	1.22	607	273	30	0.69	22
HK21-009	286.8	288	1.24	D141144	Original		0.25	18.65	2.5	0.0025	246	0.0	1.4	0.25	177.5	3	5	0.001	5.9	10	6.65	3.9	1.58	3.46	21.2	5.83	11.1	1.43	10.00	4.36	105.5	20	0.59	0.95	0.08	8	1.96	202	43.7	9	0.05	17

VR Resources - H-K Sample Intervals and Geochemistry

-Justin Daley



Hole ID	From	To	Length	Sample #	Pr_ppm	Rb_ppm	Sc_ppm	SiO2_pct	Sm_ppm	Sr_ppm	SrO_pct	Ta_ppm	Tb_ppm	Th_ppm	TiO2_pct	Tl_ppm	Tm_ppm	Total%	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	Be_ppm	Bi_ppm	In_ppm	S_pct	Sb_ppm	Se_ppm	Te_ppm	Ti_pct	Li2O_pct	Nb2O5_pct	Ta2O5_ppm	MHREO_pct	THO2_ppm	TREO_pct	parent sample number
HK21-009	284	285	1	D141141	120.5	236	4	43.8	45	1	2950	0.35	16.8	3.59	77.1	0.59	5	1.17	100.12	6.3	102	4	95.5	6.51	84	144							0.02153	0.107719	20.513647	0.026457	87.73209	0.353294		
HK21-009	285	286	0.87	D141142	87.4	245	4	42.8	33.8	1	4500	0.53	14.1	3.16	60.9	0.55	5	1.32	99.39	6.33	109	4	105	8.09	160	187							0.027989	0.072098	17.216811	0.025862	69.29811	0.270187		
HK21-009	285.9	287	0.89	D141143	90.9	257	3	52.2	29.3	2	1035	0.12	17.1	2.26	82	0.37	5	1.06	99.07	28.2	94	5	71.1	6.11	46	506							0.015071	0.086833	20.879962	0.018768	93.3078	0.266765		
HK21-009	286.8	288	1.24	D141144	14.75	257	1	59.1	7.1	3	255	0.03	14.4	1.03	65.7	0.13	5	0.58	100.18	36.3	2.5	3	47.6	3.9	34	844							0.004306	0.028897	17.583126	0.009792	74.76003	0.04966		



ANALYSIS REPORT BBM20-05290

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – JUSTIN DALEY
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 41 Core	Date Received	28-Oct-2020
Number of Samples	41	Date Analysed	29-Oct-2020 - 20-Nov-2020
		Date Completed	20-Nov-2020
		SGS Order Number	BBM20-05290

Methods Summary

Number of Sample	Method Code	Description
41	G_WGH_KG	Weight of samples received
39	G_PRP	Combined Sample Preparation
41	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
41	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
41	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
41	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site

Analysis of samples was performed at the SGS Burnaby site
Ag reporting limit raised and Ga is not reportable due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389251	2.38	10	4.67	1310	10.31	166
V389252	2.08	7	5.19	1095	9.84	205
V389253	2.47	7	5.78	1142	9.12	122
V389254	3.17	10	5.24	1229	9.86	110
V389255	2.24	<5	5.15	811	7.49	40
V389256	2.37	10	5.30	1019	9.08	104
V389257	2.09	13	5.03	1155	10.06	42
V389258	2.15	39	5.09	654	9.14	98
V389259	2.13	9	5.71	828	9.47	101
V389260	2.24	6	4.76	1279	11.43	91
V389261	2.32	7	5.27	1700	9.12	134
V389262	2.84	8	4.25	1499	12.83	57
V389263	2.62	12	0.38	937	>15.00	12
V389264	2.14	5	1.92	1588	>15.00	56
V389265	0.05	196	5.07	194	1.92	40
V389266	2.97	18	4.34	1511	10.62	76
V389267	2.53	24	2.74	1471	>15.00	88
V389268	3.13	43	1.99	1005	>15.00	65
V389269	2.65	13	4.68	1578	10.29	118
V389270	2.38	13	5.18	1863	9.16	179
V389271	2.49	13	6.23	2149	10.19	111
V389272	2.48	12	6.80	2279	9.23	96
V389273	2.90	8	5.36	1571	10.21	33
V389274	3.06	8	4.49	2053	9.01	79
V389275	2.44	8	4.40	3087	9.79	148
V389276	-	10	4.23	2957	9.93	131
V389277	2.63	19	4.03	1452	10.22	106
V389278	2.30	10	5.61	1280	7.17	212
V389279	2.62	14	3.84	1365	10.28	253
V389280	2.04	16	2.53	555	13.40	91

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389281	2.69	6	2.68	411	11.99	109
V389282	2.38	18	2.83	168	12.62	139
V389283	1.73	6	3.10	458	12.22	76
V389284	0.93	7	2.99	822	12.33	129
V389285	0.67	<5	0.05	224	>15.00	1
V389286	1.76	17	4.83	1873	10.40	188
V389287	2.27	11	5.61	2858	7.44	131
V389288	1.93	16	6.61	2507	9.05	209
V389289	2.35	13	6.50	2143	8.39	159
V389290	2.15	12	3.89	838	11.91	193
V389291	2.61	14	4.97	2692	9.93	98
*Dup V389289	2.35	10	6.34	2072	8.47	158
*Std OREAS 905	-	-	7.31	2699	0.57	15
*Blk BLANK	-	-	<0.01	2	<0.01	<1
*Std OREAS 601	-	-	6.46	475	1.27	36
*Rep V389284	-	-	2.96	814	12.35	119
*Std OXG123	-	1020	-	-	-	-
*Blk BLANK	-	6	-	-	-	-
*Rep V389261	-	7	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std SL76	-	5940	-	-	-	-
*Rep V389278	-	18	-	-	-	-
*Std GS-9B	-	8330	-	-	-	-
*Rep V389289	-	-	6.29	2081	8.13	149
*Std OREAS 905	-	-	7.30	2581	0.58	15
*Blk BLANK	-	-	<0.01	2	<0.01	<1
*Std OREAS 601	-	-	6.35	1210	1.27	35

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389251	58.7	9.51	1.84	78	4.27	4858
V389252	80.5	9.53	1.59	52	4.51	4514
V389253	119	7.55	2.11	78	4.39	2801
V389254	98.1	9.06	2.20	76	3.75	4297
V389255	86.6	8.26	1.40	56	3.21	4028
V389256	79.1	10.64	1.61	64	4.04	4995
V389257	114	9.47	1.77	58	3.92	4573
V389258	212	11.52	1.59	49	3.54	4138
V389259	143	8.82	1.83	61	3.93	4040
V389260	126	8.71	1.99	69	3.75	4106
V389261	65.2	10.19	2.54	69	4.20	4587
V389262	79.0	7.42	2.09	66	3.58	3647
V389263	98.7	4.34	0.38	10	1.47	2237
V389264	55.6	5.51	1.41	35	2.44	2804
V389265	3367	>15.00	5.60	12	0.73	5359
V389266	96.8	9.27	2.31	73	3.94	4601
V389267	51.3	6.81	1.73	52	3.51	3495
V389268	82.5	7.63	1.30	33	2.98	3615
V389269	46.3	8.79	2.91	82	4.38	4290
V389270	60.4	9.87	2.36	86	4.80	4418
V389271	70.9	6.57	2.42	100	4.20	2845
V389272	82.4	7.54	2.49	59	3.86	2577
V389273	84.9	8.64	2.05	88	4.27	3876
V389274	90.0	10.91	2.31	78	5.02	4516
V389275	109	10.75	3.15	60	5.07	4310
V389276	107	10.44	2.92	57	4.81	4218
V389277	135	11.03	2.09	48	4.15	4278
V389278	106	10.11	3.14	90	5.39	3487
V389279	132	11.22	2.45	54	4.35	4324
V389280	124	10.10	0.91	24	2.85	4041

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method Lower Limit Upper Limit Unit	@Cu GE_ICP40Q12 0.5 10,000 ppm m / m	@Fe GE_ICP40Q12 0.01 15 %	@K GE_ICP40Q12 0.01 15 %	@Li GE_ICP40Q12 1 10,000 ppm m / m	@Mg GE_ICP40Q12 0.01 15 %	@Mn GE_ICP40Q12 2 10,000 ppm m / m
V389281	71.0	8.99	1.42	18	3.82	4514
V389282	83.8	8.84	0.98	22	2.25	3938
V389283	132	7.45	1.29	23	2.66	3661
V389284	14.4	6.92	2.06	29	5.39	3505
V389285	2.3	0.17	0.03	11	13.30	408
V389286	98.5	8.17	3.06	62	4.11	3419
V389287	72.7	8.12	3.79	102	5.65	3202
V389288	85.2	7.32	3.80	116	4.58	2700
V389289	57.1	7.20	3.63	64	4.39	2680
V389290	44.4	7.90	2.33	37	3.99	3414
V389291	56.0	8.40	4.17	64	5.17	3715
*Dup V389289	58.4	7.01	3.65	65	4.32	2689
*Std OREAS 905	1508	3.95	2.78	20	0.27	371
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	3
*Std OREAS 601	1000	2.41	2.21	22	0.38	484
*Rep V389284	14.7	6.83	2.11	29	5.38	3488
*Rep V389289	59.4	6.99	3.64	63	4.25	2608
*Std OREAS 905	1474	3.88	2.95	20	0.27	355
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2
*Std OREAS 601	972	2.36	2.11	21	0.37	467

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389251	1.71	168	1.02	0.35	3866	0.41
V389252	1.89	170	0.85	0.88	3605	1.08
V389253	2.20	151	0.48	1.76	2526	0.80
V389254	1.73	90	0.85	1.48	3119	1.22

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389255	1.66	40	0.28	0.86	2550	1.43
V389256	1.94	63	0.58	0.93	2830	1.68
V389257	1.73	67	0.56	1.06	3445	0.73
V389258	1.65	118	0.83	2.95	2839	1.21
V389259	2.03	123	1.01	2.11	2774	0.80
V389260	1.63	122	1.31	1.42	4899	0.31
V389261	1.65	68	0.77	0.72	3491	0.92
V389262	1.59	62	1.99	0.49	5739	0.09
V389263	0.37	56	6.07	0.79	>10000	0.20
V389264	0.69	42	3.48	0.59	>10000	0.23
V389265	0.23	52	0.08	3.02	94.2	0.46
V389266	1.43	70	1.13	0.53	4965	0.23
V389267	1.12	51	2.93	0.34	8821	0.05
V389268	0.89	67	4.05	1.06	9335	0.17
V389269	1.62	73	1.13	0.24	3977	0.25
V389270	1.49	98	1.01	0.54	3467	0.83
V389271	1.84	102	0.69	0.56	6523	0.79
V389272	2.12	117	0.92	0.60	5428	0.88
V389273	1.37	54	0.46	0.39	4116	0.53
V389274	1.00	75	0.62	0.77	3179	1.67
V389275	0.94	150	1.04	0.81	4938	0.56
V389276	0.97	145	1.07	0.81	4863	0.55
V389277	1.37	125	0.60	1.10	4326	1.11
V389278	1.29	146	0.40	1.42	1984	1.17
V389279	1.04	151	0.66	1.18	3470	0.91
V389280	0.38	133	1.82	0.14	4699	0.07
V389281	0.33	87	0.93	0.14	3792	0.30
V389282	0.23	103	2.71	0.15	5377	0.04
V389283	0.51	93	1.80	0.51	3690	0.08
V389284	0.88	90	0.72	0.46	2507	0.56

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389285	0.03	1	0.01	0.02	148	<0.01
V389286	1.55	148	1.13	0.28	4824	0.60
V389287	1.41	124	0.52	0.61	2865	1.11
V389288	1.64	123	0.41	0.81	3223	0.85
V389289	2.07	106	0.52	0.17	2459	0.74
V389290	0.22	115	0.88	0.28	2514	0.89
V389291	0.77	86	0.68	0.28	4013	0.96
*Dup V389289	1.98	103	0.51	0.15	2436	0.76
*Std OREAS 905	2.39	11	0.03	0.08	159	0.11
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.9	<0.01
*Std OREAS 601	1.48	23	0.05	1.12	230	0.17
*Rep V389284	0.87	87	0.70	0.45	2465	0.55
*Rep V389289	2.00	101	0.50	0.17	2376	0.75
*Std OREAS 905	2.39	11	0.03	0.07	153	0.11
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.8	<0.01
*Std OREAS 601	1.40	24	0.04	1.08	215	0.17

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.2 100 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m	@Be GE_IMS40Q12 0.1 2,500 ppm m / m
V389251	281	417	127	<0.2	6	8.1
V389252	291	365	251	0.5	6	7.9
V389253	241	169	162	0.8	9	8.3
V389254	268	286	221	0.7	8	8.1
V389255	232	318	223	0.5	3	6.5
V389256	329	425	299	0.4	3	8.0
V389257	269	374	248	0.4	2	7.8
V389258	275	337	284	0.8	6	7.0

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@V	@Zn	@Zr	@Ag	@As	@Be
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	0.2	1	0.1
Upper Limit	10,000	10,000	10,000	100	10,000	2,500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389259	239	221	208	0.8	7	8.5
V389260	245	545	72.8	0.2	5	7.7
V389261	327	403	170	0.3	7	8.0
V389262	225	251	40.2	<0.2	9	7.4
V389263	112	149	171	<0.2	20	3.4
V389264	134	193	82.5	<0.2	9	3.7
V389265	104	27	187	1.5	586	0.8
V389266	267	383	101	<0.2	4	7.1
V389267	165	246	10.6	0.8	11	6.0
V389268	215	397	86.5	<0.2	10	5.6
V389269	240	332	168	<0.2	6	7.1
V389270	276	354	203	<0.2	7	8.0
V389271	176	173	262	<0.2	7	7.0
V389272	197	262	179	<0.2	3	5.5
V389273	237	313	189	0.3	1	7.4
V389274	317	387	305	<0.2	3	6.6
V389275	279	440	124	<0.2	2	5.4
V389276	281	427	151	<0.2	2	5.8
V389277	309	351	240	<0.2	4	7.1
V389278	259	295	213	<0.2	3	6.8
V389279	321	423	117	<0.2	2	7.6
V389280	204	100	53.4	0.2	12	6.0
V389281	237	410	85.2	0.2	14	6.8
V389282	213	15	7.7	<0.2	33	6.0
V389283	144	11	22.5	<0.2	13	6.5
V389284	161	61	149	<0.2	9	5.2
V389285	4	11	2.1	<0.2	<1	<0.1
V389286	223	153	142	<0.2	7	7.1
V389287	223	232	199	<0.2	3	6.6
V389288	196	184	218	0.6	10	5.5

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.2 100 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m	@Be GE_IMS40Q12 0.1 2,500 ppm m / m
V389289	209	180	210	0.4	6	5.6
V389290	231	63	193	0.3	10	6.4
V389291	287	281	182	<0.2	6	5.5
*Dup V389289	204	183	209	0.4	6	5.5
*Std OREAS 905	12	128	246	0.5	29	2.7
*Blk BLANK	<2	1	<0.5	<0.2	<1	<0.1
*Std OREAS 601	27	1285	153	50.1	286	2.0
*Rep V389284	154	60	138	<0.2	10	5.2
*Rep V389289	199	179	207	0.4	6	5.4
*Std OREAS 905	11	133	243	0.5	32	2.8
*Blk BLANK	<2	2	<0.5	<0.2	<1	<0.1
*Std OREAS 601	26	1357	150	49.4	289	1.9

Element Method Lower Limit Upper Limit Unit	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m
V389251	0.37	0.65	>1000	34.7	4	1.17
V389252	0.24	0.71	>1000	39.5	3	4.36
V389253	0.61	1.21	>1000	53.5	3	3.24
V389254	0.45	1.23	>1000	57.6	3	2.86
V389255	0.25	0.66	>1000	34.5	2	3.86
V389256	0.25	0.79	>1000	39.5	2	5.00
V389257	0.31	1.00	>1000	49.9	3	2.89
V389258	0.36	1.68	>1000	91.7	2	2.69
V389259	0.27	1.33	>1000	61.1	2	3.01
V389260	0.29	1.98	>1000	50.7	3	0.66
V389261	0.23	0.67	>1000	35.0	4	1.70
V389262	0.38	0.73	>1000	32.5	3	0.48

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.02
Upper Limit	10,000	10,000	1,000	10,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389263	1.06	0.94	>1000	28.3	<1	2.46
V389264	0.38	0.66	>1000	23.1	3	1.10
V389265	11.30	0.02	159	684	<1	5.09
V389266	0.39	1.06	>1000	43.0	4	0.87
V389267	0.53	0.74	>1000	29.9	4	0.57
V389268	0.39	1.32	>1000	34.9	2	1.34
V389269	0.35	0.73	>1000	32.3	5	1.48
V389270	0.35	0.74	>1000	37.4	5	1.84
V389271	0.24	0.56	>1000	31.6	4	3.27
V389272	0.08	0.83	777	39.5	4	2.95
V389273	0.34	0.92	>1000	40.8	4	2.04
V389274	0.30	0.99	>1000	47.5	5	4.39
V389275	0.22	0.94	>1000	47.7	8	1.31
V389276	0.24	1.00	>1000	47.4	7	1.86
V389277	0.42	1.31	>1000	61.3	4	2.52
V389278	0.30	1.13	661	54.1	5	2.75
V389279	0.33	1.56	>1000	58.3	3	1.18
V389280	0.61	0.55	>1000	59.2	2	0.56
V389281	0.56	2.21	>1000	51.3	2	0.83
V389282	0.54	0.11	>1000	60.8	2	0.50
V389283	0.40	0.14	>1000	61.1	2	0.43
V389284	0.18	0.08	>1000	35.9	2	1.35
V389285	<0.04	0.04	9.49	0.9	<1	0.04
V389286	0.85	0.26	>1000	59.4	5	1.46
V389287	0.45	0.48	>1000	46.4	8	3.20
V389288	0.49	0.47	555	40.4	5	4.29
V389289	0.66	0.25	831	41.1	5	3.89
V389290	0.83	0.04	>1000	38.4	3	2.12
V389291	0.47	0.26	>1000	32.6	8	1.98
*Dup V389289	0.66	0.24	844	41.2	5	3.99

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Hf
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.02
Upper Limit	10,000	10,000	1,000	10,000	1,000	500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	5.09	0.31	83.39	15.2	7	6.70
*Blk BLANK	<0.04	<0.02	<0.05	<0.1	<1	<0.02
*Std OREAS 601	18.74	7.58	61.60	5.4	7	4.23
*Rep V389284	0.18	0.07	>1000	36.5	2	1.26
*Rep V389289	0.63	0.23	790	40.1	4	3.95
*Std OREAS 905	5.62	0.33	94.20	15.5	7	6.67
*Blk BLANK	<0.04	<0.02	0.07	<0.1	<1	<0.02
*Std OREAS 601	20.21	7.51	64.32	5.4	6	4.42

Element	@In	@La	@Lu	@Mo	@Nb	@Pb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.1	0.01	0.05	0.1	0.5
Upper Limit	500	10,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	0.07	841	1.19	17.19	19.5	30.0
V389252	0.07	528	0.89	6.73	239	18.6
V389253	0.09	670	0.78	22.90	653	44.1
V389254	0.10	1221	1.06	23.30	251	36.7
V389255	0.08	759	0.63	9.85	333	30.9
V389256	0.09	920	0.90	7.90	221	29.5
V389257	0.09	1087	1.22	9.18	25.2	38.9
V389258	0.13	796	0.96	14.19	88.9	27.9
V389259	0.12	747	0.97	19.38	466	24.4
V389260	0.09	1072	1.27	22.34	22.1	32.7
V389261	0.08	540	0.87	26.76	138	28.5
V389262	0.07	1206	1.71	20.76	6.4	40.8
V389263	0.03	3140	3.58	25.79	389	112
V389264	0.03	1646	2.03	10.84	133	60.7
V389265	0.20	168	0.45	85.07	10.3	9.3
V389266	0.07	1301	1.37	16.32	36.2	44.9

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@In	@La	@Lu	@Mo	@Nb	@Pb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.1	0.01	0.05	0.1	0.5
Upper Limit	500	10,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389267	0.05	1596	2.19	5.86	16.6	67.4
V389268	0.05	2010	2.69	8.92	162	59.9
V389269	0.05	765	1.32	11.85	17.6	31.3
V389270	0.06	647	1.03	21.95	119	27.1
V389271	0.07	749	0.95	24.69	323	42.9
V389272	0.08	403	0.68	12.34	137	19.7
V389273	0.08	962	1.00	22.91	20.7	32.1
V389274	0.09	970	0.99	15.70	117	34.9
V389275	0.06	846	1.02	12.02	47.0	23.2
V389276	0.06	897	1.08	12.18	48.6	24.1
V389277	0.10	888	1.06	21.10	66.4	36.0
V389278	0.08	334	0.59	18.53	57.0	24.5
V389279	0.10	662	0.93	16.09	76.1	25.4
V389280	0.06	1106	1.52	4.53	8.4	50.0
V389281	0.07	937	1.21	10.02	37.6	20.1
V389282	0.05	1584	1.81	4.62	2.4	21.8
V389283	0.04	1168	1.42	45.30	10.3	30.0
V389284	0.05	587	0.79	45.12	257	10.5
V389285	<0.02	4.9	0.02	0.43	6.1	1.9
V389286	0.07	877	1.06	10.70	167	11.8
V389287	0.07	680	0.63	11.79	117	13.2
V389288	0.07	291	0.58	66.22	456	19.5
V389289	0.06	428	0.67	6.50	320	11.6
V389290	0.05	756	1.05	9.97	246	10.2
V389291	0.05	638	0.71	10.70	136	13.1
*Dup V389289	0.06	431	0.66	6.13	464	11.0
*Std OREAS 905	0.63	44.0	0.09	3.24	17.4	30.4
*Blk BLANK	<0.02	<0.1	<0.01	<0.05	<0.1	<0.5
*Std OREAS 601	1.71	31.0	0.09	3.97	11.4	296
*Rep V389284	0.05	556	0.75	45.65	252	10.0

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@In	@La	@Lu	@Mo	@Nb	@Pb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.1	0.01	0.05	0.1	0.5
Upper Limit	500	10,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389289	0.06	407	0.64	6.23	449	11.0
*Std OREAS 905	0.63	44.4	0.09	3.35	18.4	27.8
*Blk BLANK	<0.02	0.1	<0.01	<0.05	0.1	<0.5
*Std OREAS 601	1.64	31.1	0.09	3.83	13.2	322

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	90.8	0.08	19.7	<2	0.5	0.34
V389252	75.3	0.26	23.3	<2	3.3	2.81
V389253	88.3	0.47	21.2	<2	1.4	7.50
V389254	95.3	0.36	20.3	<2	2.3	2.24
V389255	46.4	0.22	16.2	<2	2.5	3.93
V389256	60.9	0.19	22.6	<2	3.4	2.61
V389257	81.6	0.29	18.1	<2	<0.3	0.21
V389258	60.8	0.44	16.3	<2	0.9	0.37
V389259	68.3	0.41	17.6	<2	1.9	5.66
V389260	90.8	0.27	14.3	<2	0.4	0.23
V389261	115	0.23	19.1	<2	3.0	2.55
V389262	91.5	0.39	13.9	2	<0.3	0.14
V389263	22.1	0.21	5.2	7	1.2	5.12
V389264	89.1	0.14	5.8	3	1.2	1.78
V389265	150	8.36	13.0	<2	9.4	0.68
V389266	116	0.13	10.7	<2	0.5	0.47
V389267	106	0.17	8.5	4	0.9	0.42
V389268	67.3	0.24	8.6	5	1.7	5.07
V389269	129	0.08	17.3	<2	0.4	0.33
V389270	121	0.31	21.6	<2	2.5	2.25

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389271	104	0.50	22.0	<2	1.7	4.92
V389272	125	0.60	17.2	<2	1.6	2.92
V389273	108	0.14	18.4	<2	<0.3	0.16
V389274	127	0.30	19.1	<2	1.1	0.51
V389275	203	0.12	15.0	<2	0.5	0.74
V389276	186	0.15	15.8	<2	0.8	0.70
V389277	106	0.26	19.0	<2	1.0	0.41
V389278	164	0.18	20.5	<2	2.3	0.90
V389279	126	0.46	22.8	<2	2.2	0.97
V389280	51.3	0.19	12.4	<2	<0.3	0.29
V389281	75.8	0.51	17.6	<2	<0.3	0.71
V389282	55.4	0.45	13.4	3	<0.3	0.11
V389283	51.8	0.91	10.0	2	0.3	0.20
V389284	113	1.33	13.4	<2	1.1	3.86
V389285	1.3	0.12	<0.5	<2	<0.3	0.11
V389286	172	0.27	20.0	<2	0.8	2.41
V389287	220	0.30	16.0	<2	1.4	0.57
V389288	167	0.94	19.7	<2	1.5	10.46
V389289	183	0.31	18.2	<2	1.6	5.24
V389290	120	0.77	16.7	2	0.9	3.88
V389291	271	0.24	19.7	<2	0.8	2.27
*Dup V389289	182	0.35	18.0	<2	1.6	8.48
*Std OREAS 905	129	1.84	4.9	<2	3.8	1.21
*Blk BLANK	<0.2	<0.05	<0.5	<2	<0.3	<0.05
*Std OREAS 601	99.3	30.01	4.7	9	3.9	0.77
*Rep V389284	112	1.37	13.5	<2	1.0	4.29
*Rep V389289	180	0.35	17.7	<2	1.6	8.30
*Std OREAS 905	137	1.89	5.1	2	3.9	1.25
*Blk BLANK	<0.2	<0.05	<0.5	<2	<0.3	<0.05
*Std OREAS 601	94.1	29.82	4.7	10	4.5	0.94

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12	@W GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	7.67	0.11	233	0.34	5.80	1.1
V389252	4.67	0.11	109	0.23	1.09	2.1
V389253	4.02	0.26	144	0.41	8.91	5.1
V389254	7.23	0.15	217	0.47	5.72	3.8
V389255	4.03	0.12	140	0.17	2.01	2.6
V389256	6.26	0.06	240	0.20	3.75	1.6
V389257	9.14	0.18	510	0.25	30.63	2.9
V389258	7.34	0.29	316	0.27	10.07	4.6
V389259	5.84	0.22	260	0.28	10.18	5.4
V389260	9.21	0.14	366	0.37	11.95	2.0
V389261	5.03	0.07	329	0.51	21.39	2.5
V389262	11.60	0.15	604	0.44	26.51	0.9
V389263	33.68	0.28	1156	0.10	36.68	4.0
V389264	16.35	0.16	489	0.22	15.61	1.4
V389265	0.86	2.07	10.2	0.52	19.70	131
V389266	10.09	0.15	489	0.36	17.82	1.3
V389267	17.56	0.12	1362	0.24	137	0.8
V389268	22.24	0.11	962	0.22	80.43	0.8
V389269	8.10	0.08	401	0.46	40.21	1.3
V389270	5.89	0.08	209	0.46	12.28	3.0
V389271	4.67	0.13	260	0.75	22.94	2.7
V389272	3.56	0.09	65.8	0.86	3.01	3.0
V389273	7.49	0.12	225	0.45	5.50	2.1
V389274	7.23	0.10	276	0.43	17.64	2.9
V389275	7.72	0.11	185	0.41	5.92	1.4
V389276	8.28	0.13	195	0.40	6.92	1.7
V389277	6.80	0.09	233	0.42	8.12	2.9
V389278	2.86	0.06	64.6	0.59	1.71	2.5
V389279	5.61	0.12	199	0.51	11.58	5.1
V389280	11.07	0.11	698	0.50	98.20	1.5

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12	@W GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389281	8.02	0.07	303	0.39	20.94	8.3
V389282	15.70	0.08	484	0.33	27.21	1.5
V389283	10.70	0.15	423	0.39	37.19	2.9
V389284	4.38	<0.05	276	0.61	14.21	6.3
V389285	<0.05	<0.05	2.6	0.06	0.54	0.2
V389286	6.65	0.09	188	0.54	5.92	4.1
V389287	3.84	<0.05	95.0	0.74	3.35	3.2
V389288	2.22	0.21	125	0.79	17.25	5.6
V389289	2.89	0.07	137	0.59	10.64	4.3
V389290	5.13	0.06	229	0.54	13.12	8.8
V389291	4.76	0.06	211	0.68	5.75	2.8
*Dup V389289	2.88	0.10	134	0.56	9.97	4.6
*Std OREAS 905	0.77	0.08	14.0	0.67	4.53	2.6
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1
*Std OREAS 601	0.52	15.45	11.0	1.15	3.68	5.5
*Rep V389284	4.13	<0.05	266	0.59	13.57	6.1
*Rep V389289	2.79	0.09	131	0.56	9.86	4.6
*Std OREAS 905	0.72	0.07	13.5	0.66	4.69	2.6
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1
*Std OREAS 601	0.50	15.63	10.7	1.11	3.67	5.7

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389251	152	10.1
V389252	90.5	6.7
V389253	73.2	5.6
V389254	127	8.6

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389255	71.2	4.9
V389256	108	7.2
V389257	163	10.6
V389258	130	8.3
V389259	106	7.5
V389260	170	11.0
V389261	104	7.0
V389262	218	14.6
V389263	609	35.3
V389264	311	19.1
V389265	28.2	3.0
V389266	183	11.7
V389267	324	20.5
V389268	407	24.7
V389269	164	11.0
V389270	121	8.4
V389271	91.4	7.0
V389272	79.3	5.3
V389273	144	8.8
V389274	129	8.3
V389275	159	9.2
V389276	161	9.4
V389277	133	8.8
V389278	67.0	4.6
V389279	114	7.6
V389280	228	14.0
V389281	163	10.3
V389282	315	17.3
V389283	207	12.5
V389284	91.0	6.3

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 41 Core
 Number of Samples 41

ANALYSIS REPORT BBM20-05290

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389285	1.3	<0.1
V389286	135	8.8
V389287	71.4	4.9
V389288	52.9	4.1
V389289	65.7	5.0
V389290	123	8.7
V389291	108	6.5
*Dup V389289	66.4	4.8
*Std OREAS 905	15.2	0.7
*Blk BLANK	<0.1	<0.1
*Std OREAS 601	11.2	0.6
*Rep V389284	90.3	6.0
*Rep V389289	64.0	4.7
*Std OREAS 905	15.1	0.6
*Blk BLANK	<0.1	<0.1
*Std OREAS 601	10.8	0.6

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05328

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)	Date Received	29-Oct-2020
Number of Samples	76	Date Analysed	30-Oct-2020 - 30-Nov-2020
		Date Completed	30-Nov-2020
		SGS Order Number	BBM20-05328

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
74	G_PRP	Combined Sample Preparation
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
76	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
76	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
76	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ag and Ga interference observed.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

30-Nov-2020 8:40PM BBM_U0004994134

Page 1 of 30

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389292	2.00	<5	8.94	951	1.31	1
V389293	1.87	<5	8.49	982	1.05	1
V389294	1.45	<5	8.15	739	0.88	4
V389295	3.31	<5	3.19	3237	>15.00	125
V389296	2.39	<5	1.51	2741	>15.00	66
V389297	2.66	<5	4.00	3404	11.83	341
V389298	2.38	<5	3.89	2940	10.70	243
V389299	2.68	<5	4.86	4195	11.69	150
V389300	2.47	<5	4.01	6127	13.14	133
V389301	2.63	<5	3.87	9247	12.72	140
V389302	2.74	<5	4.75	1693	10.48	142
V389303	1.87	<5	4.28	5235	11.17	193
V389304	0.78	<5	2.66	1057	>15.00	112
V389305	1.72	<5	4.85	5708	12.22	146
V389306	2.24	<5	5.00	925	9.43	172
V389307	2.49	<5	3.94	1368	9.53	401
V389308	2.35	<5	3.63	1382	12.11	448
V389309	2.50	<5	6.03	594	9.03	131
V389310	2.64	<5	5.37	1457	9.10	278
V389311	1.39	<5	5.31	707	10.00	89
V389312	1.49	<5	5.11	930	8.69	201
V389313	2.25	7	5.98	1356	10.10	92
V389314	2.64	<5	6.44	1279	9.35	47
V389315	2.33	<5	4.87	2393	9.40	168
V389316	2.80	<5	4.71	7611	12.61	185
V389317	2.46	<5	5.04	7028	11.25	139
V389318	2.42	<5	4.56	3269	10.86	212
V389319	2.14	<5	3.77	3138	10.65	308
V389320	2.53	<5	2.86	2297	12.32	208
V389321	2.30	<5	4.31	1643	10.30	293

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389322	1.90	<5	4.36	1247	13.06	85
V389323	2.57	<5	3.00	1479	14.56	220
V389324	2.40	<5	3.53	5527	13.61	151
V389325	1.03	<5	4.90	1554	9.65	193
V389326	-	<5	4.88	1159	9.54	199
V389327	1.63	<5	4.73	853	10.67	139
V389328	3.10	<5	5.10	1455	10.87	132
V389329	2.63	<5	4.28	2331	10.59	278
V389330	0.80	6	0.05	427	>15.00	2
V389331	1.60	<5	2.92	5648	>15.00	92
V389332	3.19	<5	4.99	5285	11.26	113
V389333	2.72	<5	4.77	7827	11.12	211
V389334	0.45	<5	4.79	7570	11.17	100
V389335	2.01	<5	5.03	5355	11.34	121
V389336	2.65	<5	3.86	4310	13.47	76
V389337	2.65	<5	4.04	7559	12.97	162
V389338	2.09	6	4.26	3954	13.03	182
V389339	2.61	<5	4.30	3037	10.08	230
V389340	2.72	9	4.23	4257	11.47	292
V389341	2.11	<5	4.33	3854	10.50	292
V389342	2.40	<5	3.94	2391	10.64	400
V389343	2.66	8	4.19	2072	11.24	333
V389344	1.33	<5	4.81	1864	9.93	356
V389345	1.25	<5	2.92	729	13.09	276
V389346	2.32	<5	4.62	3070	10.41	264
V389347	2.56	<5	4.16	2564	12.71	97
V389348	1.91	<5	3.60	4265	14.14	147
V389349	2.44	17	4.86	3264	10.88	190
V389350	0.05	174	5.20	1127	1.96	39
V389351	2.56	<5	4.40	2095	9.72	238

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389352	2.83	<5	4.10	1471	9.30	420
V389353	2.56	<5	3.92	2331	9.96	639
V389354	2.62	7	3.81	2880	11.45	208
V389355	3.10	<5	5.55	4492	9.75	123
V389356	3.11	8	5.32	2834	11.21	153
V389357	1.83	<5	8.54	811	3.08	3
V389358	1.95	<5	8.40	796	3.59	8
V389359	4.57	<5	4.91	2621	10.31	139
V389360	2.37	5	9.08	460	2.93	148
V389361	3.13	<5	7.98	568	3.70	38
V389362	1.83	<5	3.66	4189	14.68	73
V389363	1.97	<5	4.74	3076	11.18	244
V389364	1.45	<5	4.80	3839	11.06	136
V389365	1.13	<5	4.41	3845	10.19	111
V389366	1.73	6	4.14	504	10.80	116
V389367	1.81	<5	0.51	679	>15.00	34
*Dup V389332	-	<5	4.87	5445	11.68	106
*Std SL76	-	6190	-	-	-	-
*Blk BLANK	-	6	-	-	-	-
*Std OREAS 905	-	-	7.39	2603	0.58	15
*Std OREAS 601	-	-	6.50	3235	1.25	35
*Blk BLANK	-	-	<0.01	2	0.01	2
*Rep V389346	-	-	4.64	3460	10.22	258
*Std GS-9B	-	8780	-	-	-	-
*Rep V389307	-	<5	-	-	-	-
*Std SL76	-	5980	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Rep V389332	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std oreas235	-	1630	-	-	-	-

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element	Wtkg	@Au	@Al	@Ba	@Ca	@Cr
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Rep V389346	-	<5	-	-	-	-
*Blk BLANK	-	-	<0.01	2	<0.01	1
*Std OREAS 905	-	-	7.20	2570	0.58	14
*Std OREAS 601	-	-	6.34	1193	1.29	37
*Rep V389306	-	-	5.05	875	9.45	168
*Std OREAS 905	-	-	6.94	2557	0.58	15
*Std OREAS 601	-	-	6.40	2007	1.29	29
*Blk BLANK	-	-	<0.01	1	<0.01	<1

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389292	14.1	4.66	5.16	95	1.10	1098
V389293	12.1	5.95	5.06	96	1.26	879
V389294	12.5	4.93	5.03	89	0.58	1399
V389295	77.4	5.83	3.23	62	4.42	2476
V389296	34.1	2.70	1.90	21	2.42	1967
V389297	69.8	6.23	3.90	29	8.55	1893
V389298	85.9	7.77	4.70	58	7.51	2859
V389299	116	7.61	3.73	104	6.01	2175
V389300	122	6.98	3.76	109	5.87	2824
V389301	67.7	6.00	3.79	82	6.53	3676
V389302	116	7.42	4.08	100	6.11	2697
V389303	106	7.68	4.19	94	6.18	2629
V389304	179	5.14	2.86	41	4.62	4347
V389305	53.4	6.98	3.85	123	5.15	3799
V389306	90.0	7.82	4.01	156	5.79	3543
V389307	87.8	7.92	4.24	73	7.35	2916

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389308	91.4	5.98	4.16	35	6.84	3033
V389309	112	7.83	2.92	111	4.80	2893
V389310	66.4	7.89	3.99	116	6.08	2948
V389311	112	8.13	2.68	108	4.77	3523
V389312	91.3	7.99	3.99	85	6.38	3408
V389313	64.6	7.50	3.49	112	4.62	3583
V389314	106	7.50	3.81	118	4.65	2958
V389315	90.8	8.29	4.73	81	6.53	3291
V389316	71.3	6.17	3.29	62	6.46	2619
V389317	75.9	7.36	3.63	72	5.77	3410
V389318	75.8	6.87	3.97	45	6.89	2448
V389319	58.8	9.09	4.24	35	6.57	3577
V389320	95.6	7.76	2.40	20	6.00	4621
V389321	47.0	8.82	2.93	33	5.82	3057
V389322	73.0	7.63	3.28	96	3.98	3372
V389323	81.7	8.96	3.65	64	5.09	3585
V389324	23.6	5.09	4.82	109	6.58	2643
V389325	52.1	7.07	4.91	172	6.43	3282
V389326	49.1	7.04	4.92	171	6.44	3265
V389327	83.2	7.84	3.89	157	4.82	3592
V389328	74.0	7.29	4.23	199	5.18	3620
V389329	78.2	7.24	4.91	202	6.69	3972
V389330	<0.5	0.09	0.03	16	14.48	397
V389331	66.8	7.07	3.13	116	5.04	4091
V389332	57.9	6.92	4.40	219	5.64	3461
V389333	70.5	7.10	4.57	186	6.05	3396
V389334	27.2	6.43	4.38	233	5.66	3066
V389335	63.5	7.38	4.09	235	5.30	3966
V389336	93.6	7.22	3.46	146	4.85	3554
V389337	75.1	7.04	4.07	71	6.23	3581

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389338	91.7	6.92	3.56	79	5.69	2933
V389339	77.9	8.15	3.41	56	6.88	2169
V389340	73.9	6.30	3.86	63	6.73	2703
V389341	78.7	6.50	3.92	51	7.41	2233
V389342	71.9	6.34	3.71	29	8.84	2418
V389343	97.3	6.36	4.09	50	7.74	2333
V389344	87.7	6.37	4.15	27	8.66	1754
V389345	53.5	7.26	1.35	25	5.08	2565
V389346	84.6	8.51	3.03	71	5.22	2334
V389347	80.9	7.80	3.45	85	4.40	4854
V389348	53.3	6.59	2.96	50	5.31	4625
V389349	99.5	7.72	4.73	60	5.67	3216
V389350	3361	>15.00	5.38	12	0.73	5102
V389351	136	9.77	4.56	41	6.17	2292
V389352	84.4	9.69	4.13	25	7.38	1974
V389353	82.7	9.68	3.31	28	7.63	1857
V389354	89.1	8.46	3.51	33	6.51	2378
V389355	67.6	7.31	3.90	89	5.61	2649
V389356	68.2	6.88	4.53	68	6.13	2232
V389357	44.4	4.34	4.84	76	1.10	1722
V389358	41.1	4.76	4.81	58	1.21	1568
V389359	36.7	6.92	4.21	78	5.87	3301
V389360	82.8	8.54	3.82	34	1.53	694
V389361	39.9	3.63	5.13	21	1.00	934
V389362	64.3	5.66	2.92	47	4.27	3890
V389363	71.9	7.56	4.59	84	5.64	3322
V389364	54.4	8.02	4.36	104	5.12	3967
V389365	105	8.53	3.98	76	4.94	3622
V389366	214	7.75	3.90	70	4.54	3034
V389367	1190	4.51	0.55	15	0.88	5287

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
*Dup V389332	58.2	6.90	4.42	218	5.67	3454
*Std OREAS 905	1479	3.88	3.01	21	0.28	358
*Std OREAS 601	984	2.36	2.20	22	0.38	460
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	3
*Rep V389346	85.4	8.58	3.03	70	5.28	2373
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	2
*Std OREAS 905	1479	3.70	2.94	19	0.27	367
*Std OREAS 601	990	2.28	2.20	21	0.37	475
*Rep V389306	98.2	7.86	4.09	159	5.77	3536
*Std OREAS 905	1482	3.71	2.90	20	0.26	367
*Std OREAS 601	973	2.25	2.18	20	0.37	466
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389292	2.29	3	0.02	0.13	402	0.05
V389293	1.41	4	0.02	0.11	307	0.05
V389294	3.66	3	0.02	0.09	405	0.05
V389295	0.29	63	0.42	0.49	>10000	1.45
V389296	0.14	61	0.33	0.22	>10000	0.37
V389297	0.36	216	0.53	0.41	4715	0.98
V389298	0.28	166	0.41	0.87	5362	1.41
V389299	0.48	121	0.52	0.71	5224	1.77
V389300	0.42	117	0.53	0.63	6905	1.80
V389301	0.49	171	0.56	0.70	9143	0.97
V389302	0.60	129	0.47	0.95	4308	1.90
V389303	0.37	101	0.38	0.83	3574	2.01

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389304	0.19	137	0.30	1.60	3440	1.13
V389305	0.75	113	0.59	0.62	4909	1.25
V389306	0.85	124	0.22	1.61	3412	1.31
V389307	0.40	168	0.33	1.26	4078	1.78
V389308	0.23	155	0.48	1.45	3870	1.83
V389309	1.63	112	0.41	2.12	2842	1.08
V389310	0.87	150	0.49	1.14	2563	1.91
V389311	1.50	118	0.29	1.72	2394	0.86
V389312	0.91	183	0.38	1.43	2873	1.65
V389313	1.07	81	0.20	0.99	3466	1.04
V389314	1.00	75	0.19	1.13	2282	0.86
V389315	0.44	107	0.15	1.30	2383	1.94
V389316	0.75	160	0.61	0.36	5607	0.92
V389317	0.65	135	0.47	0.52	5450	1.04
V389318	0.61	152	0.30	0.83	3416	1.40
V389319	0.34	136	0.16	1.04	3048	2.61
V389320	0.17	120	0.32	0.93	1497	2.02
V389321	0.16	189	0.17	1.43	2411	2.05
V389322	0.18	93	0.70	1.79	2801	0.97
V389323	0.08	119	0.78	2.56	4677	1.18
V389324	0.07	115	0.43	0.84	9167	0.77
V389325	0.30	148	0.55	1.15	4172	1.47
V389326	0.29	149	0.54	1.14	4147	1.41
V389327	0.33	148	0.55	1.58	5865	0.89
V389328	0.45	126	0.51	0.87	5437	1.25
V389329	0.21	169	0.47	1.09	8617	1.37
V389330	0.03	<1	<0.01	0.05	136	<0.01
V389331	0.11	85	0.99	1.06	8526	0.72
V389332	0.72	115	0.56	0.68	8394	1.24
V389333	0.38	165	0.46	0.71	7425	1.21

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389334	0.31	103	0.68	0.52	8577	1.18
V389335	0.60	122	0.52	0.64	7295	1.08
V389336	0.35	113	0.57	0.94	9395	1.07
V389337	0.29	180	0.76	0.68	5941	1.00
V389338	0.30	190	0.64	0.90	3905	1.21
V389339	0.50	271	0.56	0.90	4657	1.09
V389340	0.41	261	0.46	0.55	4579	1.01
V389341	0.60	278	0.48	0.84	4266	1.09
V389342	0.68	388	0.47	0.72	5395	0.97
V389343	0.49	331	0.47	0.99	4446	1.03
V389344	0.64	346	0.49	0.66	3152	1.12
V389345	0.19	325	0.33	0.56	1407	0.75
V389346	0.22	308	0.57	0.81	2688	1.19
V389347	0.59	108	0.58	0.96	3368	1.07
V389348	0.63	83	0.68	0.86	3655	1.08
V389349	0.37	127	0.49	0.91	3642	1.56
V389350	0.22	48	0.07	2.85	98.7	0.49
V389351	0.35	151	0.59	2.16	2623	2.43
V389352	0.33	181	0.33	1.59	1803	1.69
V389353	0.60	178	0.31	0.73	1832	1.89
V389354	0.43	124	0.69	0.85	2935	1.47
V389355	0.80	95	0.55	0.71	3642	1.44
V389356	0.50	127	0.95	0.47	6451	0.95
V389357	1.56	24	0.03	0.14	767	0.07
V389358	1.68	26	0.07	0.13	824	0.09
V389359	0.25	113	0.84	0.50	4490	0.92
V389360	1.35	97	0.28	0.16	350	0.91
V389361	1.82	43	0.16	0.17	357	0.37
V389362	0.19	74	0.67	0.94	2776	0.89
V389363	0.43	114	0.59	0.73	3802	1.52

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389364	0.68	124	0.80	0.80	4352	1.30
V389365	0.84	104	1.11	1.22	4440	0.91
V389366	0.51	130	0.86	2.68	3993	0.81
V389367	0.07	232	2.13	2.25	3357	0.21
*Dup V389332	0.66	113	0.58	0.67	8943	1.24
*Std OREAS 905	2.40	10	0.03	0.07	164	0.12
*Std OREAS 601	1.44	24	0.05	1.10	236	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Rep V389346	0.22	306	0.56	0.83	2729	1.13
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.9	<0.01
*Std OREAS 905	2.24	10	0.03	0.07	146	0.12
*Std OREAS 601	1.35	24	0.05	1.13	215	0.18
*Rep V389306	0.86	127	0.30	1.61	3489	1.54
*Std OREAS 905	2.24	9	0.03	0.07	148	0.12
*Std OREAS 601	1.34	22	0.04	1.13	211	0.17
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.8	<0.01

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389292	4	88	1565	-	28.16	8
V389293	4	66	1465	-	22.33	4
V389294	4	154	1567	-	25.69	6
V389295	246	113	158	<1	50.72	9
V389296	97	122	74.4	4	5.26	8
V389297	217	99	176	<1	77.82	22
V389298	362	293	155	<1	71.18	17
V389299	295	116	233	<1	51.12	8

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 1 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389300	343	179	227	<1	58.21	9
V389301	271	239	146	<1	87.19	15
V389302	318	155	239	<1	101	16
V389303	360	135	263	<1	47.41	9
V389304	237	109	131	<1	106	14
V389305	437	201	208	<1	72.55	18
V389306	354	191	203	<1	117	7
V389307	312	146	229	<1	48.21	8
V389308	309	132	241	<1	38.15	10
V389309	313	137	200	<1	112	8
V389310	326	172	304	<1	59.64	8
V389311	355	139	243	<1	74.85	7
V389312	340	236	314	<1	84.41	10
V389313	250	209	240	<1	105	8
V389314	238	145	223	<1	206	9
V389315	340	189	314	<1	56.99	5
V389316	207	101	153	<1	53.79	18
V389317	211	132	196	<1	93.62	12
V389318	273	106	204	<1	60.59	9
V389319	415	156	334	<1	28.03	5
V389320	261	67	258	<1	45.31	11
V389321	409	98	285	<1	62.25	6
V389322	484	106	238	<1	71.63	15
V389323	430	132	177	<1	50.84	26
V389324	316	144	202	<1	7.65	8
V389325	308	136	237	<1	30.41	13
V389326	308	132	229	<1	28.76	12
V389327	309	138	254	<1	34.35	14
V389328	413	191	232	<1	41.23	12
V389329	327	219	201	<1	13.53	13

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389330	3	503	1.4	<1	0.08	1
V389331	397	146	148	<1	29.27	17
V389332	390	228	214	<1	28.43	12
V389333	343	180	240	<1	31.23	10
V389334	343	180	178	<1	38.00	12
V389335	362	209	209	<1	78.52	10
V389336	354	211	184	<1	47.83	9
V389337	278	173	200	<1	59.53	17
V389338	338	112	233	<1	153	18
V389339	322	93	193	<1	60.75	18
V389340	307	114	177	<1	35.94	18
V389341	316	108	190	<1	97.83	22
V389342	220	150	193	<1	39.56	19
V389343	210	123	202	<1	20.31	14
V389344	237	393	221	<1	10.14	11
V389345	150	43	140	<1	14.74	8
V389346	315	98	253	<1	125	16
V389347	351	300	229	<1	197	17
V389348	250	290	471	<1	323	15
V389349	386	190	283	<1	157	13
V389350	106	27	188	2	90.60	573
V389351	367	127	369	<1	130	13
V389352	329	94	272	<1	28.68	6
V389353	294	78	271	<1	14.53	4
V389354	355	119	327	<1	73.67	7
V389355	298	110	250	<1	45.76	11
V389356	200	106	268	<1	49.10	12
V389357	8	92	1539	-	46.15	4
V389358	13	87	1514	-	7.14	4
V389359	234	111	242	-	74.88	13

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389360	180	15	282	<1	1.37	2
V389361	64	12	535	<1	6.47	3
V389362	397	112	203	<1	22.57	10
V389363	397	187	251	<1	33.25	13
V389364	458	220	232	<1	24.61	15
V389365	386	253	156	<1	22.26	12
V389366	306	188	134	<1	33.77	9
V389367	71	50	83.3	<1	17.65	16
*Dup V389332	374	227	214	<1	29.86	13
*Std OREAS 905	12	127	251	<1	3.30	32
*Std OREAS 601	28	1267	157	50	4.34	280
*Blk BLANK	<2	<1	<0.5	<1	0.08	<1
*Rep V389346	318	99	238	<1	128	16
*Blk BLANK	<2	<1	0.5	<1	<0.05	<1
*Std OREAS 905	12	131	234	<1	3.47	31
*Std OREAS 601	27	1286	145	47	4.20	276
*Rep V389306	365	198	236	<1	109	8
*Std OREAS 905	12	128	236	<1	3.71	32
*Std OREAS 601	27	1262	151	47	4.31	287
*Blk BLANK	<2	<1	<0.5	<1	<0.05	1

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389292	20.2	0.28	0.09	542	2.2	3
V389293	17.7	0.27	0.06	527	2.7	2
V389294	19.3	0.27	0.22	521	2.5	4
V389295	4.1	0.19	0.30	923	35.6	3

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389296	1.9	0.24	0.64	>1000	15.9	2
V389297	7.5	0.07	0.31	436	51.1	6
V389298	7.3	0.59	1.07	609	50.9	6
V389299	7.8	0.09	0.23	502	45.2	5
V389300	5.5	0.34	0.67	628	41.5	3
V389301	6.4	0.30	1.03	>1000	39.1	4
V389302	5.2	0.26	0.25	857	47.4	5
V389303	4.9	0.14	0.14	502	49.4	4
V389304	7.0	0.21	0.16	>1000	35.2	2
V389305	9.5	0.89	0.20	809	35.4	3
V389306	8.2	0.40	0.20	435	48.1	5
V389307	6.6	0.50	0.13	544	57.4	4
V389308	5.1	0.41	0.23	616	54.8	3
V389309	9.3	1.52	0.32	396	58.8	4
V389310	6.8	0.11	0.28	670	49.4	6
V389311	9.6	0.32	0.17	273	58.3	4
V389312	8.7	0.16	0.82	875	57.6	5
V389313	7.5	0.40	0.61	787	37.5	6
V389314	8.5	0.08	0.33	455	49.3	5
V389315	5.9	0.20	0.16	729	51.3	4
V389316	6.5	0.10	0.15	685	45.3	6
V389317	5.8	0.33	0.21	933	43.4	6
V389318	5.2	0.10	0.16	538	49.4	4
V389319	6.0	0.29	0.13	833	46.1	2
V389320	5.8	0.36	0.08	747	48.6	2
V389321	7.6	0.19	0.08	784	56.8	3
V389322	14.0	0.21	0.11	632	37.7	2
V389323	9.4	0.27	0.12	780	50.3	2
V389324	8.7	<0.04	0.06	776	38.7	3
V389325	14.0	0.12	0.07	>1000	49.0	5

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389326	13.7	0.11	0.07	>1000	48.8	5
V389327	13.9	0.23	0.08	>1000	59.3	4
V389328	13.7	0.20	0.10	>1000	39.7	3
V389329	7.6	0.28	0.09	>1000	46.1	3
V389330	<0.1	<0.04	6.17	3.87	1.3	<1
V389331	7.6	0.18	0.15	767	27.0	1
V389332	10.7	0.17	0.42	708	35.1	2
V389333	9.6	0.16	0.13	669	44.4	2
V389334	10.9	0.10	0.09	908	30.5	2
V389335	11.6	0.26	0.14	>1000	37.0	3
V389336	10.5	0.21	0.49	830	45.4	2
V389337	9.5	0.38	0.33	865	46.6	3
V389338	6.4	0.22	0.23	497	50.3	4
V389339	6.1	0.17	0.15	419	53.4	6
V389340	5.9	0.40	0.15	558	46.6	6
V389341	5.4	0.20	0.23	360	49.1	7
V389342	5.4	0.37	0.47	>1000	56.6	7
V389343	5.9	0.22	0.24	834	54.5	8
V389344	4.0	0.10	1.37	281	57.4	7
V389345	6.6	0.11	0.11	161	51.6	3
V389346	8.2	0.35	0.17	414	55.1	4
V389347	9.9	0.79	1.15	>1000	40.6	2
V389348	9.5	0.73	1.26	>1000	32.4	2
V389349	11.3	0.50	0.35	620	48.1	2
V389350	0.8	11.69	0.08	191	719	<1
V389351	6.8	0.63	0.17	385	63.1	3
V389352	5.5	0.14	0.09	359	66.5	4
V389353	3.1	0.23	0.06	368	64.5	5
V389354	7.3	0.11	0.19	452	51.2	4
V389355	7.0	0.48	0.14	748	44.5	6

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389356	4.9	0.31	0.19	696	47.2	10
V389357	10.8	0.34	0.16	521	7.1	3
V389358	11.4	0.26	0.11	488	8.6	3
V389359	5.7	0.58	0.16	984	37.8	9
V389360	6.1	<0.04	0.02	132	27.8	2
V389361	5.6	0.07	<0.02	240	14.2	3
V389362	7.5	0.28	0.12	>1000	30.1	3
V389363	9.0	0.05	0.15	543	37.5	4
V389364	9.6	0.31	0.43	821	37.7	5
V389365	8.5	0.52	0.52	>1000	43.5	5
V389366	5.9	0.36	0.18	>1000	64.5	5
V389367	1.8	1.86	0.07	>1000	132	<1
*Dup V389332	10.9	0.17	0.42	724	35.5	2
*Std OREAS 905	2.7	5.69	0.34	86.68	15.2	8
*Std OREAS 601	1.9	19.81	7.81	62.66	5.5	7
*Blk BLANK	<0.1	<0.04	<0.02	0.53	<0.1	<1
*Rep V389346	8.1	0.35	0.17	411	56.7	4
*Blk BLANK	<0.1	<0.04	<0.02	0.08	<0.1	<1
*Std OREAS 905	3.2	5.89	0.33	91.54	15.4	7
*Std OREAS 601	2.3	20.80	7.32	63.02	5.7	7
*Rep V389306	8.5	0.39	0.20	427	47.8	5
*Std OREAS 905	3.6	5.34	0.36	88.35	14.7	7
*Std OREAS 601	2.4	18.98	7.65	61.89	5.4	7
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1

Element Method Lower Limit Upper Limit Unit	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m
---	--	--	--	--	---	--

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Hf GE_IMS40Q12	@In GE_IMS40Q12	@La GE_IMS40Q12	@Lu GE_IMS40Q12	@Nb GE_IMS40Q12	@Pb GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.1	0.5
Upper Limit	500	500	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389292	23.21	0.03	341	1.29	820	10.5
V389293	22.18	0.03	327	1.29	757	8.4
V389294	23.26	0.04	338	1.29	815	29.6
V389295	2.25	0.08	528	0.78	51.4	40.1
V389296	1.65	0.03	637	1.03	136	75.0
V389297	3.72	0.07	261	0.42	102	38.5
V389298	3.18	0.10	368	0.48	66.0	119
V389299	5.29	0.10	302	0.46	21.2	27.1
V389300	4.80	0.11	373	0.62	63.0	43.6
V389301	4.79	0.09	910	0.75	57.4	68.5
V389302	6.60	0.11	619	0.49	87.3	27.9
V389303	5.91	0.13	310	0.49	14.2	26.0
V389304	3.38	0.11	725	0.73	79.4	20.1
V389305	4.29	0.11	525	0.95	223	15.7
V389306	5.04	0.13	278	0.50	29.1	22.2
V389307	5.87	0.10	362	0.39	48.1	26.0
V389308	6.43	0.11	371	0.68	45.9	35.8
V389309	4.88	0.12	252	0.44	186	35.9
V389310	7.82	0.11	427	0.54	193	26.2
V389311	5.21	0.10	154	0.71	149	23.1
V389312	7.29	0.13	520	0.64	229	31.0
V389313	5.22	0.10	423	0.97	455	65.8
V389314	5.07	0.09	272	0.78	272	32.8
V389315	8.29	0.12	392	0.68	191	16.5
V389316	3.47	0.07	417	0.66	200	13.6
V389317	4.34	0.08	556	0.77	338	12.3
V389318	4.98	0.10	260	0.47	45.0	11.7
V389319	8.85	0.15	410	0.66	80.9	19.7
V389320	5.48	0.13	418	0.59	43.6	12.8
V389321	6.83	0.11	454	0.66	57.5	16.9

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Hf GE_IMS40Q12	@In GE_IMS40Q12	@La GE_IMS40Q12	@Lu GE_IMS40Q12	@Nb GE_IMS40Q12	@Pb GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.1	0.5
Upper Limit	500	500	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389322	4.67	0.14	360	1.03	225	17.3
V389323	3.49	0.08	506	1.00	368	16.7
V389324	2.63	0.08	536	1.22	17.1	11.9
V389325	6.07	0.10	735	0.91	188	13.0
V389326	5.74	0.11	739	0.92	142	12.7
V389327	5.60	0.10	1589	1.94	344	17.7
V389328	4.69	0.11	992	1.28	310	14.4
V389329	4.06	0.11	789	1.34	271	13.0
V389330	0.03	<0.02	2.4	0.01	1.1	12.2
V389331	1.40	0.08	553	1.15	58.8	30.8
V389332	3.44	0.12	551	0.83	285	45.1
V389333	3.62	0.11	520	0.85	96.8	14.2
V389334	2.57	0.11	694	0.74	128	10.0
V389335	3.90	0.13	719	1.29	285	12.1
V389336	3.15	0.10	547	0.90	279	30.7
V389337	3.21	0.09	522	0.87	106	46.5
V389338	4.21	0.09	311	0.67	181	20.0
V389339	3.66	0.09	258	0.48	147	25.3
V389340	3.86	0.10	328	0.82	102	26.7
V389341	4.34	0.09	224	0.46	227	29.2
V389342	4.24	0.08	769	0.88	167	60.8
V389343	4.44	0.08	490	0.85	193	40.8
V389344	4.71	0.09	158	0.32	56.6	60.2
V389345	2.92	0.06	85.0	0.32	50.7	18.6
V389346	5.09	0.09	262	0.69	245	23.7
V389347	3.47	0.15	1101	1.27	284	92.3
V389348	6.07	0.09	597	1.03	136	135
V389349	4.32	0.12	377	0.76	321	23.8
V389350	5.50	0.25	229	0.50	10.9	8.9
V389351	8.01	0.14	208	0.54	90.2	22.9

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Hf GE_IMS40Q12	@In GE_IMS40Q12	@La GE_IMS40Q12	@Lu GE_IMS40Q12	@Nb GE_IMS40Q12	@Pb GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.1	0.5
Upper Limit	500	500	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389352	6.00	0.13	229	0.45	15.2	19.6
V389353	6.81	0.13	222	0.41	18.8	16.1
V389354	6.17	0.12	237	0.46	58.9	15.7
V389355	5.70	0.11	447	0.66	124	17.3
V389356	3.47	0.08	408	0.68	61.7	17.4
V389357	20.64	0.04	337	1.25	703	13.0
V389358	20.84	0.05	322	1.17	704	10.2
V389359	3.36	0.08	573	0.78	43.2	16.2
V389360	5.87	0.07	67.9	0.36	122	7.2
V389361	10.40	0.08	128	0.56	244	7.5
V389362	1.76	0.11	669	1.36	24.7	22.2
V389363	6.06	0.12	334	0.65	191	15.5
V389364	4.40	0.14	500	1.25	114	55.8
V389365	2.44	0.10	623	0.92	41.2	46.9
V389366	1.38	0.11	534	0.86	39.0	31.5
V389367	0.46	0.11	1006	0.91	112	20.0
*Dup V389332	3.54	0.12	565	0.85	280	47.2
*Std OREAS 905	7.33	0.68	42.9	0.10	18.5	30.6
*Std OREAS 601	4.58	1.86	31.6	0.10	13.6	304
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	<0.1	0.5
*Rep V389346	4.05	0.09	265	0.69	126	24.2
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	0.2	<0.5
*Std OREAS 905	6.78	0.67	42.7	0.10	18.9	30.4
*Std OREAS 601	4.53	1.74	30.2	0.10	13.4	309
*Rep V389306	5.85	0.13	272	0.51	233	22.1
*Std OREAS 905	7.46	0.67	44.7	0.10	19.3	28.7
*Std OREAS 601	4.50	1.67	31.2	0.10	13.3	308
*Blk BLANK	<0.02	<0.02	0.1	<0.01	<0.1	<0.5

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Rb GE_IMS40Q12	@Sb GE_IMS40Q12	@Sc GE_IMS40Q12	@Se GE_IMS40Q12	@Sn GE_IMS40Q12	@Ta GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389292	238	0.59	1.1	<2	7.4	49.17
V389293	236	0.53	1.0	<2	7.3	46.32
V389294	263	0.66	1.1	<2	7.6	48.29
V389295	105	0.18	14.8	3	1.9	1.01
V389296	70.0	0.21	8.8	3	0.8	1.82
V389297	135	0.55	25.8	<2	1.0	2.92
V389298	165	0.27	22.1	2	2.2	1.21
V389299	111	0.34	23.7	2	0.5	0.64
V389300	97.1	0.32	20.5	2	0.9	1.60
V389301	101	0.59	20.2	3	0.5	0.50
V389302	116	0.65	25.5	3	1.6	3.01
V389303	123	0.38	29.2	2	0.7	0.47
V389304	69.9	0.46	18.9	2	1.4	1.21
V389305	97.0	0.41	20.5	2	1.7	2.65
V389306	130	0.28	23.3	<2	1.9	0.49
V389307	120	0.38	28.8	<2	1.9	1.67
V389308	105	0.55	30.1	3	1.5	0.80
V389309	86.2	0.89	21.5	<2	1.7	4.01
V389310	125	0.48	24.2	2	2.3	4.24
V389311	87.9	0.55	19.0	<2	2.0	3.14
V389312	118	0.47	25.2	3	2.5	3.14
V389313	108	0.52	17.1	3	1.8	8.13
V389314	91.2	0.65	16.2	2	1.5	5.72
V389315	139	0.25	31.6	3	2.3	2.25
V389316	106	0.34	20.3	<2	1.1	4.17
V389317	119	0.39	19.7	2	1.5	5.77
V389318	127	0.17	24.4	<2	1.5	0.89
V389319	102	0.15	33.5	3	2.6	1.95
V389320	65.5	0.31	31.8	3	2.1	1.16
V389321	84.4	0.22	27.9	3	2.4	1.01

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389322	80.7	0.82	18.2	3	1.9	1.23
V389323	93.8	0.66	18.8	3	2.2	7.32
V389324	122	0.26	18.9	2	<0.3	0.06
V389325	145	0.52	22.1	3	2.0	6.33
V389326	148	0.42	21.6	3	1.9	4.26
V389327	106	0.50	18.7	5	2.0	6.17
V389328	117	0.44	20.4	4	1.7	5.75
V389329	132	0.38	22.5	3	2.2	6.73
V389330	1.2	0.14	<0.5	<2	<0.3	<0.05
V389331	65.8	0.39	12.5	2	0.9	0.72
V389332	110	0.32	17.6	2	1.7	5.13
V389333	128	0.19	23.6	2	1.7	2.09
V389334	117	0.26	17.0	2	1.2	1.96
V389335	113	0.36	20.0	3	1.9	4.92
V389336	91.0	0.33	15.3	2	1.5	4.29
V389337	114	0.40	18.2	3	1.3	2.05
V389338	108	0.77	20.6	<2	1.6	3.76
V389339	118	0.49	21.8	<2	1.7	4.74
V389340	124	0.38	20.4	2	1.5	3.04
V389341	116	0.50	21.9	<2	1.5	7.27
V389342	111	0.54	21.7	3	1.3	8.33
V389343	122	0.40	23.0	3	1.4	8.05
V389344	124	0.34	26.0	<2	1.6	2.34
V389345	47.8	0.25	18.2	<2	1.0	2.74
V389346	96.8	0.47	24.6	<2	1.7	7.81
V389347	93.9	0.86	16.7	3	2.1	4.06
V389348	81.2	1.07	14.2	3	1.8	3.09
V389349	124	0.64	23.4	2	2.1	5.56
V389350	150	9.03	14.1	<2	10.6	0.86
V389351	127	0.52	28.0	3	1.0	1.89

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389352	113	0.16	32.9	2	2.2	0.58
V389353	87.2	0.14	46.2	<2	2.2	1.06
V389354	106	0.46	25.6	<2	0.6	1.39
V389355	146	0.35	23.4	2	1.8	3.87
V389356	153	0.34	22.9	<2	1.0	1.93
V389357	246	0.61	1.4	<2	6.8	45.38
V389358	264	0.36	2.1	<2	6.7	45.76
V389359	143	0.48	20.0	2	0.6	1.37
V389360	92.3	0.25	19.7	<2	1.7	7.77
V389361	151	0.26	8.6	<2	2.5	13.81
V389362	77.6	0.44	14.3	3	0.4	0.11
V389363	140	0.30	24.6	2	1.7	4.41
V389364	163	0.35	21.9	3	1.2	1.68
V389365	167	0.46	16.5	3	0.5	0.11
V389366	170	0.54	14.7	4	0.9	0.08
V389367	28.4	0.40	7.3	5	1.3	0.55
*Dup V389332	110	0.30	17.7	2	1.6	5.05
*Std OREAS 905	128	2.06	5.1	2	4.4	1.46
*Std OREAS 601	88.2	32.69	4.7	10	4.5	1.07
*Blk BLANK	<0.2	<0.05	<0.5	<2	<0.3	<0.05
*Rep V389346	100	0.36	24.4	<2	1.7	3.71
*Blk BLANK	0.2	<0.05	<0.5	<2	<0.3	0.05
*Std OREAS 905	132	1.98	5.5	3	4.1	1.36
*Std OREAS 601	92.4	31.96	5.0	10	4.3	1.06
*Rep V389306	129	0.57	23.4	2	2.0	4.66
*Std OREAS 905	131	1.97	6.2	3	4.2	1.41
*Std OREAS 601	92.2	30.70	5.6	10	4.1	0.99
*Blk BLANK	<0.2	<0.05	<0.5	<2	<0.3	<0.05

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12	@W GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389292	1.82	0.14	143	0.45	50.37	7.2
V389293	1.81	0.14	142	0.28	49.28	4.4
V389294	1.82	0.13	148	0.40	48.11	6.5
V389295	4.70	0.13	29.7	0.57	3.60	3.9
V389296	4.58	0.32	19.5	0.24	1.47	1.7
V389297	2.10	0.11	20.7	0.85	3.80	10.7
V389298	2.54	0.11	33.1	0.62	2.89	4.9
V389299	2.45	0.08	23.3	0.45	4.62	4.6
V389300	3.06	0.13	27.3	0.43	3.04	6.9
V389301	4.09	0.18	36.8	0.88	2.34	9.9
V389302	2.87	0.14	37.2	1.14	3.16	12.6
V389303	2.77	0.06	27.3	0.56	2.53	3.4
V389304	3.22	0.09	31.3	0.54	3.13	9.2
V389305	3.52	0.24	62.3	0.52	3.86	10.9
V389306	1.99	0.09	20.7	0.50	1.35	5.9
V389307	2.05	0.08	19.5	0.60	1.94	10.3
V389308	3.44	0.13	41.6	0.76	2.66	9.7
V389309	1.61	0.29	22.9	0.54	1.40	17.2
V389310	2.47	0.11	31.5	0.63	2.96	9.2
V389311	1.95	0.14	22.2	0.45	1.52	10.0
V389312	2.94	0.12	40.7	0.59	2.52	14.3
V389313	3.69	0.22	68.4	0.62	3.01	13.3
V389314	2.63	0.12	33.7	0.55	2.59	15.1
V389315	3.43	0.09	49.2	0.49	3.06	6.1
V389316	2.86	0.11	31.4	0.44	5.79	8.0
V389317	3.52	0.18	51.5	0.59	5.64	8.1
V389318	2.63	0.06	24.6	0.74	3.18	3.4
V389319	3.86	0.09	38.4	0.52	3.92	2.0
V389320	3.74	<0.05	49.4	0.62	3.10	8.9
V389321	3.69	0.07	40.3	0.60	3.13	3.7

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12	@W GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389322	3.73	0.15	74.2	0.61	5.99	8.4
V389323	4.29	0.21	57.3	0.66	5.55	23.3
V389324	3.77	0.14	52.3	0.42	5.49	8.6
V389325	4.23	0.22	77.2	0.42	1.97	7.7
V389326	4.25	0.17	77.6	0.41	1.95	6.5
V389327	8.09	0.22	173	0.42	5.52	7.3
V389328	5.65	0.17	58.7	0.38	4.62	5.9
V389329	5.09	0.28	81.9	0.37	4.25	13.1
V389330	<0.05	<0.05	0.2	0.05	0.42	5.8
V389331	3.82	0.17	44.3	0.38	16.27	6.6
V389332	3.30	0.18	42.2	0.30	5.72	6.4
V389333	3.27	0.11	35.9	0.37	5.25	4.3
V389334	3.60	0.13	58.3	0.35	4.49	6.6
V389335	5.33	0.20	83.4	0.32	4.28	7.6
V389336	3.76	0.22	53.0	0.29	4.52	7.3
V389337	3.82	0.21	79.0	0.63	5.64	6.8
V389338	2.76	0.15	41.7	0.70	4.86	24.8
V389339	2.25	0.11	41.4	0.71	5.18	11.0
V389340	3.51	0.13	52.1	0.70	4.75	9.4
V389341	2.16	0.15	33.4	0.67	4.64	8.5
V389342	4.06	0.17	234	0.99	6.43	12.7
V389343	3.71	0.15	159	0.82	6.94	10.7
V389344	1.56	0.06	27.6	1.10	7.13	5.4
V389345	1.35	<0.05	15.7	0.39	4.09	8.1
V389346	2.14	0.15	41.2	0.51	6.24	12.4
V389347	4.90	0.25	88.2	0.50	6.24	14.9
V389348	4.31	0.19	81.9	0.47	12.59	12.7
V389349	3.22	0.20	46.4	0.40	4.45	15.4
V389350	0.99	2.04	12.9	0.55	20.99	131
V389351	2.65	0.25	29.2	0.39	2.70	11.2

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12	@W GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389352	2.10	<0.05	18.1	0.42	1.46	2.7
V389353	2.11	0.06	19.3	0.68	1.46	2.4
V389354	2.65	0.11	27.2	0.53	5.91	15.0
V389355	3.18	0.16	48.0	0.71	4.99	9.6
V389356	2.99	0.19	49.3	1.05	10.37	7.9
V389357	2.11	0.13	129	0.69	48.40	6.4
V389358	2.04	0.14	127	0.48	44.74	6.1
V389359	3.52	0.16	48.8	1.42	8.29	8.0
V389360	1.09	<0.05	9.2	0.15	2.28	2.8
V389361	1.56	0.07	21.0	0.19	4.23	3.6
V389362	6.27	0.14	98.6	0.45	8.64	6.5
V389363	3.02	0.09	35.2	0.69	3.11	7.3
V389364	5.06	0.12	52.8	0.74	5.49	8.1
V389365	5.17	0.18	95.8	0.64	14.50	12.7
V389366	6.30	0.21	210	0.57	24.28	3.6
V389367	8.14	0.17	121	0.16	16.95	11.4
*Dup V389332	3.44	0.18	43.1	0.29	6.12	6.7
*Std OREAS 905	0.85	0.09	15.3	0.73	5.10	2.8
*Std OREAS 601	0.58	15.76	11.7	1.24	3.98	5.9
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1
*Rep V389346	2.14	0.13	40.4	0.52	6.15	8.6
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1
*Std OREAS 905	0.85	0.08	14.8	0.71	4.96	2.7
*Std OREAS 601	0.57	15.83	11.4	1.23	3.89	5.9
*Rep V389306	1.96	0.15	21.5	0.50	1.35	15.1
*Std OREAS 905	0.80	0.07	14.8	0.70	5.05	2.8
*Std OREAS 601	0.53	15.18	10.9	1.15	3.86	5.8
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389292	65.8	7.8
V389293	65.7	7.8
V389294	69.8	7.9
V389295	99.6	6.0
V389296	114	7.9
V389297	43.8	2.7
V389298	53.8	3.3
V389299	46.2	2.9
V389300	60.8	3.8
V389301	78.6	4.9
V389302	55.0	3.3
V389303	54.3	3.3
V389304	74.8	4.6
V389305	72.9	5.8
V389306	39.8	3.0
V389307	40.4	2.5
V389308	78.8	4.7
V389309	34.4	2.5
V389310	48.2	3.3
V389311	51.2	4.2
V389312	58.3	3.8
V389313	84.1	5.9
V389314	60.5	4.6
V389315	59.1	4.1
V389316	60.7	4.2
V389317	75.1	5.1
V389318	43.4	2.8
V389319	60.8	3.9
V389320	77.7	3.9
V389321	71.4	4.2

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389322	91.4	6.7
V389323	106	6.6
V389324	94.0	7.5
V389325	104	6.4
V389326	102	6.4
V389327	205	13.3
V389328	137	8.6
V389329	136	9.2
V389330	0.8	<0.1
V389331	99.7	7.3
V389332	73.3	5.3
V389333	78.9	5.4
V389334	74.4	4.7
V389335	126	8.8
V389336	87.4	5.7
V389337	87.6	5.7
V389338	61.2	4.2
V389339	49.8	3.0
V389340	81.0	5.5
V389341	48.5	2.9
V389342	92.4	6.2
V389343	88.4	6.1
V389344	33.4	2.1
V389345	34.8	2.0
V389346	50.4	4.2
V389347	113	8.1
V389348	98.4	6.8
V389349	66.9	4.6
V389350	29.2	3.0
V389351	50.8	3.4

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05328

Element Method	@Y GE_IMS40Q12	@Yb GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389352	48.3	2.9
V389353	44.6	2.8
V389354	48.5	2.9
V389355	65.9	4.3
V389356	67.6	4.5
V389357	74.9	7.9
V389358	69.7	7.2
V389359	71.7	5.2
V389360	27.3	2.2
V389361	39.3	3.2
V389362	117	8.7
V389363	64.8	4.1
V389364	123	8.0
V389365	117	6.7
V389366	129	7.1
V389367	173	8.2
*Dup V389332	75.6	5.4
*Std OREAS 905	16.3	0.6
*Std OREAS 601	11.7	0.6
*Blk BLANK	<0.1	<0.1
*Rep V389346	53.7	4.3
*Blk BLANK	<0.1	<0.1
*Std OREAS 905	16.2	0.6
*Std OREAS 601	11.7	0.6
*Rep V389306	40.3	2.9
*Std OREAS 905	16.7	0.7
*Std OREAS 601	11.5	0.6
*Blk BLANK	<0.1	<0.1

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (1-76)

ANALYSIS REPORT BBM20-05328

Number of Samples 76

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05329

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)	Date Received	29-Oct-2020
Number of Samples	7	Date Analysed	30-Oct-2020 - 27-Nov-2020
		Date Completed	30-Nov-2020
		SGS Order Number	BBM20-05329

Methods Summary

Number of Sample	Method Code	Description
7	G_WGH_KG	Weight of samples received
7	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
7	GE_DIG40Q12	4 Acid Digest (HCL/HClO4/HF/HNO3) 0.2g-12ml
7	GE_ICP40Q12	4 Acid Digest (HCL/HClO4/HF/HNO3), ICP, 0.2g-12ml
7	GE_IMS40Q12	4 Acid Digest Package (HCL/HClO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ag and Ga interference observed.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

30-Nov-2020 4:50PM BBM_U0004991283

Page 1 of 7

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
 Number of Samples 7

ANALYSIS REPORT BBM20-05329

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389368	1.87	11	4.87	2611	10.73	265
V389369	1.93	<5	3.06	2753	>15.00	53
V389370	1.79	9	4.37	3076	12.62	98
V389371	2.79	9	5.18	2338	9.93	115
V389372	2.50	8	3.89	1820	11.63	147
V389373	2.61	11	3.49	4352	13.96	119
V389374	2.61	12	3.76	3055	13.32	226
*Rep V389369	-	5	-	-	-	-
*Std OREAS 905	-	-	6.94	2557	0.58	15
*Rep V389373	-	-	3.50	4065	13.90	108
*Std OREAS 601	-	-	6.40	2007	1.29	29
*Blk BLANK	-	-	<0.01	1	<0.01	<1
*Std SL76	-	6190	-	-	-	-
*Blk BLANK	-	6	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std SL76	-	5910	-	-	-	-

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389368	124	8.14	4.08	88	5.33	2910
V389369	78.1	7.13	2.40	50	3.11	3145
V389370	89.2	8.42	3.95	103	4.60	4141
V389371	101	7.63	4.52	105	5.33	5385
V389372	140	7.78	3.76	55	5.51	4102
V389373	114	6.90	3.26	49	5.39	3624
V389374	117	7.08	4.44	28	5.88	3205
*Std OREAS 905	1482	3.71	2.90	20	0.26	367

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
 Number of Samples 7

ANALYSIS REPORT BBM20-05329

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
*Rep V389373	111	6.81	3.28	49	5.39	3623
*Std OREAS 601	973	2.25	2.18	20	0.37	466
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389368	0.57	144	0.50	0.97	2599	1.66
V389369	0.44	52	0.74	0.91	>10000	0.94
V389370	0.45	68	0.55	1.12	9428	1.46
V389371	0.58	106	0.63	1.37	4233	1.30
V389372	0.28	112	0.73	1.87	3079	1.23
V389373	0.23	84	0.67	1.19	3075	1.27
V389374	0.38	108	0.58	1.25	3423	1.48
*Std OREAS 905	2.24	9	0.03	0.07	148	0.12
*Rep V389373	0.23	83	0.57	1.12	3077	1.12
*Std OREAS 601	1.34	22	0.04	1.13	211	0.17
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.8	<0.01

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389368	397	237	282	<1	54.99	14
V389369	344	154	210	<1	21.16	9
V389370	376	234	216	<1	35.16	16
V389371	305	241	158	<1	74.71	28

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
 Number of Samples 7

ANALYSIS REPORT BBM20-05329

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389372	376	256	209	<1	46.83	24
V389373	390	203	397	<1	101	22
V389374	377	136	223	<1	72.57	12
*Std OREAS 905	12	128	236	<1	3.71	32
*Rep V389373	378	198	376	<1	96.55	19
*Std OREAS 601	27	1262	151	47	4.31	287
*Blk BLANK	<2	<1	<0.5	<1	<0.05	1

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389368	11.3	0.43	0.65	642	52.1	5
V389369	8.0	0.22	0.55	>1000	25.1	3
V389370	8.9	0.46	0.84	>1000	34.4	4
V389371	15.7	0.70	0.61	>1000	40.0	5
V389372	11.0	0.47	0.73	778	45.8	2
V389373	9.0	0.64	0.54	756	35.4	2
V389374	7.0	0.38	0.36	525	41.2	3
*Std OREAS 905	3.6	5.34	0.36	88.35	14.7	7
*Rep V389373	8.5	0.49	0.54	751	34.4	2
*Std OREAS 601	2.4	18.98	7.65	61.89	5.4	7
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1

Element Method	@Ga GE_IMS40Q12	@Hf GE_IMS40Q12	@In GE_IMS40Q12	@La GE_IMS40Q12	@Lu GE_IMS40Q12	@Nb GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
 Number of Samples 7

ANALYSIS REPORT BBM20-05329

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389368	NR	6.67	0.11	387	0.71	288
V389369	NR	3.47	0.08	601	0.99	232
V389370	NR	4.07	0.10	909	1.24	100
V389371	NR	3.14	0.11	1381	2.22	181
V389372	NR	2.74	0.11	440	1.15	68.7
V389373	NR	5.22	0.10	444	1.37	145
V389374	NR	3.34	0.12	324	0.61	109
*Std OREAS 905	NR	7.46	0.67	44.7	0.10	19.3
*Rep V389373	NR	4.69	0.09	439	1.32	72.8
*Std OREAS 601	NR	4.50	1.67	31.2	0.10	13.3
*Blk BLANK	NR	<0.02	<0.02	0.1	<0.01	<0.1

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389368	76.5	139	0.47	25.0	3	2.5
V389369	34.1	77.6	0.31	13.8	3	2.2
V389370	94.8	114	0.39	22.9	4	2.1
V389371	90.0	101	1.54	19.4	6	1.4
V389372	55.8	82.7	1.20	21.9	3	1.4
V389373	60.2	73.2	7.36	21.0	3	1.0
V389374	23.3	104	0.41	30.7	3	2.3
*Std OREAS 905	28.7	131	1.97	6.2	3	4.2
*Rep V389373	59.7	71.8	7.06	20.2	3	0.5
*Std OREAS 601	308	92.2	30.70	5.6	10	4.1
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
 Number of Samples 7

ANALYSIS REPORT BBM20-05329

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389368	6.81	2.93	0.18	27.8	0.86	2.92
V389369	1.93	4.71	0.20	43.6	0.42	3.86
V389370	1.36	5.71	0.20	66.5	0.78	9.76
V389371	0.94	8.67	0.43	89.1	1.38	4.36
V389372	0.79	4.33	0.22	38.0	1.04	4.18
V389373	1.91	4.26	0.26	76.4	0.64	8.02
V389374	2.18	3.46	0.11	29.9	0.80	2.25
*Std OREAS 905	1.41	0.80	0.07	14.8	0.70	5.05
*Rep V389373	0.78	4.18	0.21	74.7	0.64	7.91
*Std OREAS 601	0.99	0.53	15.18	10.9	1.15	3.86
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389368	11.4	73.1	5.3
V389369	6.1	112	7.7
V389370	6.2	141	9.5
V389371	7.7	223	16.2
V389372	33.9	108	7.8
V389373	34.1	116	9.2
V389374	7.4	80.6	4.4
*Std OREAS 905	2.8	16.7	0.7
*Rep V389373	28.6	114	9.1
*Std OREAS 601	5.8	11.5	0.6
*Blk BLANK	<0.1	<0.1	<0.1

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-002, batch 01/ 83 Core (77-83)
Number of Samples 7

ANALYSIS REPORT BBM20-05329

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05387

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – JUSTIN DALEY
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES LTD./ H-K, HK20-002, batch 03/ 63 Core	Date Received	02-Nov-2020
Number of Samples	63	Date Analysed	03-Nov-2020 - 01-Dec-2020
		Date Completed	01-Dec-2020
		SGS Order Number	BBM20-05387

Methods Summary

Number of Sample	Method Code	Description
63	G_WGH_KG	Weight of samples received
63	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
63	GE_DIG40Q12	4 Acid Digest (HCL/HClO4/HF/HNO3) 0.2g-12ml
63	GE_ICP40Q12	4 Acid Digest (HCL/HClO4/HF/HNO3), ICP, 0.2g-12ml
63	GE_IMS40Q12	4 Acid Digest Package (HCL/HClO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Interferences in Ag and Ga were observed

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389375	2.67	12	5.27	2460	10.45	232
V389376	-	<5	5.24	2364	10.44	239
V389377	2.40	6	4.47	1761	10.00	320
V389378	2.57	19	3.14	2109	11.97	511
V389379	2.84	22	4.72	3133	10.63	256
V389380	0.05	810	3.17	151	2.82	31
V389381	2.58	6	4.09	853	10.93	219
V389382	3.17	11	3.82	578	12.40	142
V389383	4.31	<5	4.77	3919	10.41	197
V389384	2.70	<5	4.45	4747	12.34	206
V389385	2.70	7	4.57	3957	10.46	304
V389386	2.70	11	4.00	3242	10.06	370
V389387	3.69	8	3.78	3108	11.75	339
V389388	2.06	14	1.86	1249	14.94	474
V389389	1.87	6	3.17	2306	11.77	521
V389390	2.46	7	3.65	3503	10.84	455
V389391	2.82	12	4.46	3370	11.46	158
V389392	2.64	<5	4.35	4593	10.93	199
V389393	2.33	16	4.43	4786	13.11	128
V389394	2.60	7	5.55	5801	10.81	154
V389395	0.85	<5	0.05	327	14.67	6
V389396	2.58	5	5.23	3633	10.52	118
V389397	2.98	<5	5.52	6702	10.16	138
V389398	1.76	<5	5.57	>10000	9.48	143
V389399	2.08	9	5.44	>10000	9.21	147
V389400	4.03	6	5.21	7357	10.70	136
V389401	2.53	<5	4.45	4098	12.47	180
V389402	2.96	6	4.44	3021	13.02	127
V389403	2.49	22	4.34	2813	13.15	121
V389404	3.02	20	4.23	4108	12.56	137

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389405	1.97	8	4.75	2009	12.20	160
V389406	2.34	5	4.71	3610	11.73	130
V389407	2.22	<5	4.88	2404	10.94	224
V389408	2.61	9	4.57	2623	12.22	193
V389409	2.90	5	4.56	1625	12.64	119
V389410	3.28	<5	3.38	4157	>15.00	83
V389411	3.55	<5	4.78	3936	12.11	125
V389412	3.28	7	3.52	7292	>15.00	112
V389413	2.77	<5	4.73	2392	12.76	170
V389414	2.32	<5	5.43	3953	8.97	131
V389415	0.06	189	5.20	324	1.95	38
V389416	2.78	15	4.76	3145	13.05	129
V389417	2.43	17	4.73	2802	13.08	144
V389418	2.22	12	4.47	1968	13.04	130
V389419	2.75	18	5.97	2804	10.88	169
V389420	0.89	7	0.06	2607	>15.00	3
V389421	2.65	19	4.70	2605	13.00	102
V389422	2.25	15	4.66	2794	12.46	159
V389423	2.58	21	5.11	2814	10.14	135
V389424	0.59	12	3.96	4381	13.79	102
V389425	1.72	12	5.47	3895	6.79	133
V389426	-	7	5.43	3725	6.69	143
V389427	2.31	13	4.81	3359	12.95	137
V389428	3.11	15	4.82	3448	12.35	115
V389429	2.46	74	4.73	2330	12.78	83
V389430	2.86	57	4.64	1955	13.08	145
V389431	2.71	16	5.11	2212	11.52	187
V389432	2.65	11	4.48	2789	12.04	147
V389433	2.37	19	4.25	2395	14.24	113
V389434	2.50	23	5.13	2365	11.72	126

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	Wtkg	@Au	@Al	@Ba	@Ca	@Cr
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389435	2.71	17	4.80	4546	11.88	159
V389436	2.59	13	4.65	2527	12.15	129
V389437	2.39	52	4.28	2390	13.83	139
*Blk BLANK	-	<5	-	-	-	-
*Std GS-9B	-	9090	-	-	-	-
*Rep PREP_BLANK	-	6	-	-	-	-
*Std oreas235	-	1610	-	-	-	-
*Std SL76	-	6300	-	-	-	-
*Rep V389419	-	12	-	-	-	-
*Blk BLANK	-	9	-	-	-	-
*Rep V389437	-	45	-	-	-	-
*Blk BLANK	-	-	<0.01	2	0.02	1
*Std OREAS 905	-	-	7.44	2625	0.58	17
*Rep V389437	-	-	4.41	2447	14.13	107
*Std OREAS 601	-	-	6.10	1276	1.22	34
*Std OREAS 601	-	-	6.42	1396	1.24	39
*Rep V389393	-	-	4.50	4877	12.92	115
*Blk BLANK	-	-	<0.01	2	0.01	1

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389375	84.8	6.71	4.26	68	5.82	2058
V389376	83.8	6.67	4.09	67	5.74	2031
V389377	90.0	6.53	4.31	32	6.83	1623
V389378	112	6.74	3.22	14	8.61	2184
V389379	79.4	7.08	3.75	43	6.50	2428
V389380	>10000	>15.00	3.34	8	0.31	2750

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389381	191	8.90	4.43	60	6.23	3382
V389382	164	8.34	4.14	62	5.30	4028
V389383	114	7.48	3.26	82	6.19	2316
V389384	97.1	7.30	4.04	78	6.57	3019
V389385	112	7.42	3.62	58	7.57	2152
V389386	101	7.10	4.18	36	8.13	2631
V389387	84.9	6.97	3.05	61	8.09	2240
V389388	44.8	8.30	2.36	57	6.77	3999
V389389	86.5	6.90	4.39	17	8.66	3005
V389390	96.9	7.22	4.37	52	8.71	2780
V389391	113	7.38	3.47	117	5.56	3475
V389392	59.6	6.88	4.73	75	7.38	3809
V389393	67.9	7.11	2.57	69	4.91	4135
V389394	48.4	7.56	2.55	79	5.91	3841
V389395	1.1	0.20	0.04	27	11.60	358
V389396	104	7.29	2.80	82	4.85	3628
V389397	47.7	7.62	2.57	71	5.38	3828
V389398	32.5	7.87	2.52	78	6.03	4600
V389399	133	8.62	3.13	124	6.08	4998
V389400	98.4	7.92	2.33	102	5.97	4143
V389401	86.2	7.67	3.07	56	6.32	2403
V389402	86.7	7.12	3.22	61	6.56	2027
V389403	77.5	7.11	2.54	61	6.41	2012
V389404	50.6	7.33	2.89	132	6.26	2874
V389405	98.4	7.96	2.53	55	6.61	1500
V389406	67.3	7.41	3.54	62	6.17	2571
V389407	87.4	7.54	2.37	64	7.50	1711
V389408	97.4	7.89	3.46	54	6.79	1962
V389409	79.4	7.12	2.57	31	6.30	1621
V389410	67.9	6.18	2.86	52	4.52	2838

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389411	73.7	7.46	3.82	93	5.98	2046
V389412	79.5	5.39	3.61	53	6.09	3768
V389413	78.7	7.70	2.51	61	6.24	1632
V389414	1242	7.40	3.18	81	7.46	1961
V389415	3396	>15.00	6.20	12	0.73	5169
V389416	71.8	7.67	2.69	64	6.34	1646
V389417	85.2	7.36	3.10	68	6.22	2009
V389418	77.6	7.70	2.26	57	6.32	1621
V389419	97.5	7.78	2.55	93	5.75	1930
V389420	0.8	0.10	0.05	21	12.63	387
V389421	86.3	7.47	2.77	59	6.51	1757
V389422	89.4	7.59	2.97	59	6.28	1884
V389423	77.0	7.63	3.38	87	6.99	2079
V389424	838	5.78	2.93	75	6.43	2642
V389425	318	8.17	6.34	81	8.36	2711
V389426	304	8.09	6.24	81	8.26	2670
V389427	98.3	7.58	2.64	66	6.16	2005
V389428	87.1	7.47	2.56	55	6.48	1914
V389429	81.4	7.36	2.73	50	6.17	1783
V389430	81.4	7.72	2.89	50	6.49	1658
V389431	80.0	7.46	2.67	54	6.65	1718
V389432	58.8	7.00	2.58	60	6.32	1625
V389433	57.4	7.22	2.53	41	5.84	2007
V389434	85.9	7.53	2.61	61	6.06	2138
V389435	34.9	7.66	2.57	59	6.51	2446
V389436	91.7	7.05	3.29	41	7.03	1551
V389437	73.2	7.12	2.76	46	6.16	1847
*Blk BLANK	<0.5	<0.01	<0.01	<1	0.02	2
*Std OREAS 905	1524	3.96	2.26	21	0.29	356
*Rep V389437	75.9	7.20	2.74	48	6.23	1853

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
*Std OREAS 601	977	2.31	2.33	21	0.36	461
*Std OREAS 601	980	2.34	2.17	21	0.37	458
*Rep V389393	70.3	7.20	2.84	70	4.94	4195
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	4

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389375	1.02	165	0.46	0.56	2887	1.11
V389376	1.02	167	0.46	0.56	2847	1.09
V389377	0.76	191	0.42	0.75	2143	1.17
V389378	0.25	271	0.48	1.09	2906	1.24
V389379	0.77	177	0.59	0.73	2936	1.02
V389380	0.13	68	0.06	3.30	164	0.26
V389381	0.24	186	0.62	1.58	2558	1.64
V389382	0.17	92	0.49	2.10	3476	1.40
V389383	0.32	166	0.59	0.96	3215	1.31
V389384	0.37	143	0.60	0.87	5556	1.32
V389385	0.67	173	0.37	0.43	3167	1.08
V389386	0.50	205	0.40	0.46	2242	1.07
V389387	0.35	201	0.60	0.69	2764	1.17
V389388	0.23	288	0.53	1.29	5564	0.96
V389389	0.19	280	0.46	0.76	3729	1.23
V389390	0.23	272	0.34	0.82	3276	1.13
V389391	0.60	138	0.40	0.87	3903	1.01
V389392	0.40	189	0.47	0.79	4098	1.00
V389393	0.70	97	0.72	0.68	8399	0.78
V389394	0.92	170	0.50	0.35	5119	0.67

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389395	0.06	1	<0.01	0.02	115	<0.01
V389396	1.69	129	0.71	0.50	4013	0.76
V389397	1.19	147	0.48	0.26	6000	0.74
V389398	0.93	159	0.53	0.13	5642	0.69
V389399	0.53	144	1.06	0.18	3752	0.75
V389400	0.60	132	1.03	0.28	4990	0.88
V389401	0.39	106	0.84	0.19	5707	1.16
V389402	0.41	107	0.84	0.06	4786	0.99
V389403	0.32	109	0.89	0.14	3766	1.01
V389404	0.33	112	0.79	0.23	4710	1.14
V389405	0.31	110	0.88	0.22	2609	1.03
V389406	0.34	108	0.79	0.23	2397	0.99
V389407	0.50	174	0.77	0.45	2843	1.30
V389408	0.31	134	0.74	0.43	3324	1.09
V389409	0.34	108	0.87	0.28	3033	0.94
V389410	0.33	84	0.87	0.57	7981	0.51
V389411	0.31	104	0.80	0.35	2937	0.89
V389412	0.29	132	0.88	0.52	4110	0.51
V389413	0.22	113	0.98	0.29	2985	1.15
V389414	0.31	266	0.70	0.78	1354	0.71
V389415	0.22	51	0.07	2.77	92.9	0.48
V389416	0.24	110	0.74	0.34	2966	0.81
V389417	0.31	121	0.85	0.26	3621	0.94
V389418	0.28	115	0.74	0.25	3081	0.75
V389419	1.03	129	0.72	0.40	4093	1.08
V389420	0.05	1	<0.01	0.09	171	<0.01
V389421	0.29	113	0.71	0.18	3371	0.75
V389422	0.30	120	0.77	0.18	4047	0.96
V389423	0.36	154	0.53	0.28	2775	0.94
V389424	0.29	355	0.90	0.68	1045	0.43

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389425	0.28	269	0.70	0.83	1150	0.79
V389426	0.28	252	0.71	0.82	1171	0.77
V389427	0.23	110	0.86	0.19	3372	0.98
V389428	0.20	119	0.80	0.13	3645	0.98
V389429	0.31	104	0.75	0.13	3516	0.98
V389430	0.28	112	0.85	0.13	2973	0.91
V389431	0.44	136	0.72	0.18	3054	1.22
V389432	0.56	131	0.75	0.42	3085	1.07
V389433	0.50	99	0.83	0.11	4630	0.90
V389434	0.54	112	0.65	0.07	3871	1.06
V389435	0.44	120	0.63	0.09	3732	0.96
V389436	0.35	144	0.64	0.19	3863	0.90
V389437	0.36	99	0.99	0.17	3505	1.06
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.9	<0.01
*Std OREAS 905	2.39	11	0.03	0.07	162	0.12
*Rep V389437	0.38	99	0.90	0.14	3593	0.88
*Std OREAS 601	1.40	22	0.05	1.10	221	0.17
*Std OREAS 601	1.42	26	0.05	1.09	223	0.17
*Rep V389393	0.71	95	0.71	0.68	8490	0.79
*Blk BLANK	<0.01	<1	<0.01	<0.01	1.0	<0.01

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	0.5	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389375	274	151	216	<0.5	38.26	16
V389376	276	149	222	<0.5	37.98	13
V389377	252	94	234	<0.5	19.85	16
V389378	274	100	272	<0.5	6.30	16

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	0.5	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389379	265	132	229	<0.5	38.04	19
V389380	89	28	105	2.4	285	719
V389381	448	197	318	<0.5	58.49	17
V389382	460	506	174	<0.5	98.93	16
V389383	365	143	219	<0.5	111	16
V389384	315	158	181	<0.5	39.21	23
V389385	272	107	182	<0.5	22.92	12
V389386	296	160	194	<0.5	29.98	10
V389387	355	95	218	<0.5	12.48	18
V389388	230	180	165	<0.5	53.70	63
V389389	335	146	258	<0.5	14.05	21
V389390	400	158	231	<0.5	14.44	14
V389391	487	259	150	<0.5	34.66	13
V389392	331	204	197	<0.5	24.38	19
V389393	203	249	163	<0.5	19.80	14
V389394	136	246	96.9	<0.5	30.07	12
V389395	4	23	2.7	<0.5	0.74	<1
V389396	195	222	256	<0.5	27.23	12
V389397	145	236	141	<0.5	22.42	12
V389398	147	224	120	<0.5	40.27	13
V389399	238	192	137	<0.5	49.10	19
V389400	241	155	195	<0.5	19.47	13
V389401	245	136	307	<0.5	13.52	10
V389402	206	137	234	<0.5	26.69	6
V389403	218	123	240	<0.5	33.42	10
V389404	279	173	262	<0.5	110	17
V389405	227	99	281	<0.5	31.73	8
V389406	261	119	269	<0.5	47.21	10
V389407	260	138	265	<0.5	49.94	12
V389408	319	127	289	<0.5	28.92	12

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	0.5	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389409	220	105	261	<0.5	24.33	6
V389410	203	158	178	<0.5	36.09	9
V389411	272	113	267	<0.5	23.67	11
V389412	203	124	162	<0.5	29.48	11
V389413	235	92	381	<0.5	30.58	9
V389414	286	107	274	<0.5	24.26	10
V389415	101	27	192	1.4	89.18	614
V389416	300	104	258	<0.5	18.77	11
V389417	223	123	262	<0.5	22.17	9
V389418	244	120	222	<0.5	68.79	7
V389419	204	110	243	<0.5	35.02	9
V389420	4	31	2.1	<0.5	0.83	<1
V389421	246	101	249	<0.5	88.65	9
V389422	245	134	283	<0.5	22.44	10
V389423	234	133	263	<0.5	15.64	9
V389424	382	197	169	0.9	14.87	12
V389425	341	192	327	0.8	25.89	12
V389426	338	192	333	0.9	24.90	12
V389427	295	137	288	<0.5	23.63	11
V389428	253	110	277	<0.5	11.95	9
V389429	237	122	310	<0.5	12.30	11
V389430	240	111	267	<0.5	5.04	12
V389431	236	107	312	<0.5	22.94	8
V389432	224	117	370	<0.5	23.44	10
V389433	185	89	225	<0.5	4.18	7
V389434	269	126	276	<0.5	5.63	7
V389435	276	110	243	<0.5	5.03	11
V389436	203	80	237	<0.5	7.76	6
V389437	200	90	317	0.5	5.91	12
*Blk BLANK	<2	<1	<0.5	<0.5	<0.05	<1

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.5 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
*Std OREAS 905	12	136	244	0.5	3.50	30
*Rep V389437	199	92	275	<0.5	5.56	10
*Std OREAS 601	26	1292	150	48.9	4.09	314
*Std OREAS 601	26	1255	152	48.4	4.16	322
*Rep V389393	206	259	165	<0.5	19.96	16
*Blk BLANK	<2	<1	<0.5	<0.5	0.12	1

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389375	5.6	1.01	0.28	363	43.5	5
V389376	5.2	1.04	0.26	373	41.7	5
V389377	4.3	0.23	0.17	231	44.8	6
V389378	8.3	0.15	0.19	396	52.0	4
V389379	6.5	0.28	0.22	481	40.5	5
V389380	0.4	12.30	0.20	124	801	<1
V389381	10.3	0.65	0.36	726	58.4	3
V389382	7.6	1.35	1.28	674	37.4	2
V389383	12.3	0.21	0.28	487	48.4	3
V389384	7.0	0.53	0.53	988	41.6	3
V389385	4.2	0.28	0.19	525	49.8	4
V389386	6.9	0.21	0.37	475	50.9	3
V389387	14.1	0.19	0.21	503	46.0	2
V389388	15.1	1.09	0.59	>1000	50.8	2
V389389	15.2	0.42	0.38	622	57.3	2
V389390	21.0	0.15	0.27	532	53.6	3
V389391	23.1	0.67	0.46	892	52.6	3
V389392	18.3	1.18	0.32	954	46.1	3

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389393	8.6	1.62	0.77	>1000	33.2	5
V389394	3.9	0.68	0.48	>1000	42.2	6
V389395	0.1	<0.04	0.08	4.24	1.3	<1
V389396	5.2	1.10	0.68	>1000	41.4	4
V389397	4.1	0.86	0.61	>1000	41.9	5
V389398	4.0	0.84	0.47	>1000	41.3	4
V389399	7.9	0.61	0.73	>1000	45.0	5
V389400	8.1	0.17	0.42	>1000	39.8	5
V389401	4.0	0.25	0.32	593	44.6	4
V389402	3.7	0.12	0.30	598	45.5	4
V389403	4.2	0.10	0.30	554	44.2	4
V389404	6.6	0.28	0.37	780	42.1	4
V389405	3.2	0.27	0.15	359	44.4	3
V389406	4.4	0.14	0.08	883	47.0	5
V389407	4.6	0.09	0.26	325	51.5	4
V389408	4.6	0.12	0.17	441	49.6	3
V389409	2.8	0.11	0.20	456	42.9	4
V389410	6.8	0.57	0.47	>1000	33.3	4
V389411	10.6	0.20	0.15	497	41.5	4
V389412	19.8	0.27	0.29	>1000	42.2	4
V389413	12.1	0.09	0.13	383	39.7	5
V389414	9.5	0.53	0.06	565	97.7	5
V389415	0.8	12.33	0.04	184	722	<1
V389416	8.6	0.07	0.17	365	39.9	4
V389417	7.3	0.24	0.24	693	39.9	5
V389418	5.6	0.09	0.25	399	40.7	6
V389419	5.9	0.07	0.17	434	41.2	11
V389420	<0.1	<0.04	0.13	4.59	1.0	<1
V389421	7.3	0.06	0.21	447	41.1	6
V389422	5.9	0.22	0.30	561	41.9	5

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389423	8.3	0.13	0.11	470	45.1	7
V389424	6.2	1.38	0.10	904	172	3
V389425	8.7	0.25	0.08	649	82.7	7
V389426	8.6	0.27	0.10	639	79.9	7
V389427	8.0	0.07	0.27	486	41.6	4
V389428	5.0	0.07	0.18	547	42.1	5
V389429	5.0	0.07	0.17	460	39.8	5
V389430	5.3	0.05	0.16	383	41.1	4
V389431	3.4	0.08	0.20	395	44.5	5
V389432	4.1	0.33	0.30	366	40.8	4
V389433	2.1	0.15	0.22	728	37.2	4
V389434	4.7	<0.04	0.17	434	41.4	4
V389435	7.2	<0.04	0.13	425	35.0	4
V389436	3.3	<0.04	0.11	353	43.2	5
V389437	4.5	0.06	0.14	450	37.8	5
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Std OREAS 905	3.4	5.71	0.31	92.32	14.4	7
*Rep V389437	4.7	0.08	0.17	464	39.2	5
*Std OREAS 601	2.4	20.50	7.26	61.55	5.1	6
*Std OREAS 601	1.9	20.26	8.01	60.65	5.5	7
*Rep V389393	8.7	1.56	0.80	>1000	34.4	5
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389375	NR	4.72	0.07	214	0.50	191
V389376	NR	4.74	0.07	216	0.50	188

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389377	NR	5.57	0.07	124	0.36	124
V389378	NR	4.65	0.07	222	0.42	70.4
V389379	NR	4.55	0.07	260	0.56	75.5
V389380	NR	3.12	0.27	103	0.29	5.6
V389381	NR	6.16	0.11	450	0.77	131
V389382	NR	3.65	0.16	412	0.66	403
V389383	NR	4.64	0.08	291	0.57	138
V389384	NR	3.59	0.06	664	0.70	208
V389385	NR	4.27	0.07	356	0.46	21.9
V389386	NR	4.42	0.09	283	0.49	67.7
V389387	NR	4.21	0.07	286	0.76	157
V389388	NR	2.61	0.06	686	1.02	164
V389389	NR	4.96	0.08	395	0.73	88.2
V389390	NR	5.01	0.08	363	0.61	64.5
V389391	NR	3.17	0.11	541	1.19	105
V389392	NR	4.96	0.08	625	1.03	77.5
V389393	NR	3.55	0.06	1047	1.50	436
V389394	NR	2.26	0.04	811	0.73	258
V389395	NR	0.05	<0.02	3.2	0.01	1.0
V389396	NR	4.46	0.06	990	1.26	150
V389397	NR	2.86	0.04	895	0.71	319
V389398	NR	3.08	0.04	1038	0.98	268
V389399	NR	2.88	0.07	1907	2.21	464
V389400	NR	3.90	0.07	893	1.38	271
V389401	NR	5.14	0.08	376	0.56	173
V389402	NR	3.10	0.06	338	0.47	58.2
V389403	NR	3.40	0.06	335	0.45	87.2
V389404	NR	5.07	0.06	526	1.00	256
V389405	NR	4.48	0.08	178	0.36	90.8
V389406	NR	4.33	0.06	522	0.60	152

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389407	NR	5.43	0.07	200	0.37	209
V389408	NR	4.51	0.07	252	0.56	157
V389409	NR	3.66	0.07	231	0.40	48.8
V389410	NR	2.49	0.05	849	0.94	41.7
V389411	NR	4.02	0.08	295	0.54	46.6
V389412	NR	2.24	0.05	1204	1.35	114
V389413	NR	6.11	0.07	203	0.43	157
V389414	NR	3.93	0.05	317	0.46	55.8
V389415	NR	5.47	0.20	209	0.46	9.9
V389416	NR	3.39	0.07	186	0.55	50.5
V389417	NR	4.17	0.07	400	0.56	124
V389418	NR	2.81	0.07	207	0.41	30.0
V389419	NR	4.69	0.06	270	0.44	189
V389420	NR	0.06	<0.02	4.2	0.02	0.8
V389421	NR	3.44	0.07	246	0.50	22.5
V389422	NR	4.36	0.07	323	0.55	91.7
V389423	NR	4.36	0.06	275	0.50	44.9
V389424	NR	2.11	0.06	494	0.87	62.6
V389425	NR	4.95	0.05	380	0.52	161
V389426	NR	5.44	0.05	377	0.53	196
V389427	NR	4.18	0.07	272	0.55	175
V389428	NR	4.19	0.07	306	0.60	84.0
V389429	NR	4.71	0.07	237	0.43	67.9
V389430	NR	2.86	0.07	186	0.41	38.4
V389431	NR	5.66	0.06	215	0.41	175
V389432	NR	5.16	0.07	192	0.44	131
V389433	NR	2.51	0.06	426	0.57	66.0
V389434	NR	4.64	0.09	218	0.50	90.6
V389435	NR	3.73	0.07	225	0.70	58.3
V389436	NR	4.09	0.06	185	0.36	56.4

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389437	NR	4.21	0.05	228	0.52	167
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	<0.1
*Std OREAS 905	NR	7.12	0.60	45.6	0.09	18.6
*Rep V389437	R_RepDup_Failure	3.59	0.06	236	0.54	80.0
*Std OREAS 601	NR	4.53	1.58	31.6	0.09	12.9
*Std OREAS 601	NR	4.74	1.67	31.2	0.10	12.5
*Rep V389393	NR	3.50	0.06	1051	1.50	429
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	<0.1

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389375	29.0	151	0.42	19.3	<2	1.6
V389376	26.2	147	0.41	18.4	2	1.5
V389377	11.4	142	0.44	22.9	<2	1.7
V389378	11.7	104	0.26	22.6	<2	1.5
V389379	20.1	132	0.24	19.9	2	1.5
V389380	12.6	81.4	7.93	6.4	3	8.3
V389381	79.3	122	0.46	23.1	3	1.6
V389382	248	136	0.56	19.6	3	1.6
V389383	38.2	130	0.36	21.8	2	1.3
V389384	109	145	0.37	17.0	3	1.6
V389385	29.1	153	0.13	21.6	2	1.5
V389386	16.4	142	0.15	24.0	2	1.5
V389387	16.8	95.1	0.29	21.5	3	1.5
V389388	73.8	73.2	0.91	15.4	3	1.2
V389389	59.3	125	0.30	26.2	2	1.5
V389390	54.1	146	0.20	25.2	2	1.4

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389391	85.6	144	0.13	22.7	3	1.6
V389392	62.4	156	0.15	23.8	3	1.4
V389393	99.4	118	0.33	15.2	5	1.3
V389394	83.7	119	0.31	14.7	3	1.1
V389395	3.6	1.2	0.26	<0.5	<2	<0.3
V389396	60.2	120	0.33	19.3	4	1.0
V389397	71.5	124	0.25	14.5	3	1.4
V389398	61.3	108	0.23	16.9	3	1.1
V389399	91.0	164	0.29	18.7	6	1.5
V389400	20.1	115	0.21	20.2	4	1.6
V389401	25.6	134	0.18	23.3	2	1.3
V389402	29.6	137	0.11	19.4	2	0.7
V389403	26.3	122	0.14	19.9	2	0.9
V389404	34.6	124	0.30	21.5	3	1.2
V389405	13.6	128	0.18	20.3	<2	1.5
V389406	9.5	173	0.29	20.2	3	1.6
V389407	22.9	107	0.45	22.6	2	1.6
V389408	19.0	146	0.26	23.2	2	1.6
V389409	14.8	115	0.20	20.8	2	0.7
V389410	67.3	111	0.20	14.6	4	0.6
V389411	15.6	157	0.20	21.8	2	0.6
V389412	34.7	92.5	0.36	14.0	2	0.8
V389413	13.5	86.6	0.31	23.6	<2	1.4
V389414	25.2	101	1.69	22.6	<2	0.6
V389415	8.2	157	8.48	14.0	<2	9.9
V389416	16.8	87.6	0.20	22.8	<2	0.5
V389417	36.7	114	0.37	20.1	<2	1.3
V389418	20.8	87.0	0.22	21.0	<2	0.4
V389419	13.7	86.2	0.73	21.8	<2	1.5
V389420	4.7	1.2	0.33	<0.5	<2	<0.3

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389421	16.6	91.3	0.19	23.9	<2	0.3
V389422	29.7	98.6	0.27	24.1	<2	0.9
V389423	11.3	112	0.27	25.4	<2	0.5
V389424	22.0	81.9	0.46	12.9	<2	0.8
V389425	26.5	235	0.53	26.3	<2	0.8
V389426	26.7	234	0.55	27.5	<2	0.9
V389427	24.8	92.8	0.28	23.1	<2	1.3
V389428	21.8	92.2	0.18	25.0	<2	0.7
V389429	16.0	96.3	0.26	22.0	<2	0.5
V389430	13.0	101	0.10	23.6	<2	1.1
V389431	12.8	100	0.53	25.0	<2	1.6
V389432	24.7	96.6	0.43	23.3	<2	1.2
V389433	28.4	97.8	0.17	20.8	<2	1.0
V389434	7.4	99.8	0.13	25.2	<2	1.5
V389435	10.4	88.2	0.11	25.7	<2	1.2
V389436	11.6	100	0.17	25.8	<2	0.5
V389437	8.7	101	0.27	21.9	<2	1.1
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 905	27.4	107	1.90	5.5	2	3.9
*Rep V389437	8.8	103	0.21	22.5	<2	0.6
*Std OREAS 601	315	100	30.65	5.1	10	4.1
*Std OREAS 601	313	102	30.42	4.5	10	4.2
*Rep V389393	98.1	124	0.34	16.3	5	1.3
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
---	---	---	--	--	---	--

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389375	5.30	2.10	0.24	44.1	0.86	3.59
V389376	5.51	2.18	0.26	45.2	0.85	3.47
V389377	5.64	1.63	0.08	18.1	0.88	3.27
V389378	2.02	2.08	0.08	28.4	0.67	6.41
V389379	1.91	2.77	0.08	48.1	0.76	4.18
V389380	0.45	0.49	1.69	6.4	0.34	50.63
V389381	1.67	3.46	0.23	66.5	0.75	3.72
V389382	2.93	3.74	0.40	99.1	0.78	3.60
V389383	2.45	2.44	0.11	30.6	0.58	3.85
V389384	4.80	3.78	0.21	29.9	0.44	6.25
V389385	0.88	2.71	0.08	31.6	0.57	3.49
V389386	1.76	2.54	0.08	31.0	0.47	3.43
V389387	3.35	3.28	0.10	38.6	0.39	3.81
V389388	4.02	3.69	0.25	68.9	0.39	4.71
V389389	1.51	2.84	0.15	37.9	0.51	2.47
V389390	1.14	2.63	0.06	46.0	0.42	3.45
V389391	1.02	4.20	0.13	74.0	0.34	4.12
V389392	1.54	4.22	0.28	59.6	0.47	2.24
V389393	8.91	6.80	0.84	111	0.84	8.37
V389394	3.46	3.42	0.35	74.1	1.36	3.89
V389395	<0.05	<0.05	<0.05	0.4	0.05	0.48
V389396	3.09	5.64	0.46	195	1.17	11.65
V389397	5.25	3.79	0.59	95.6	1.30	6.24
V389398	3.51	3.79	0.22	130	1.36	2.81
V389399	7.01	9.26	0.20	190	1.07	6.97
V389400	5.29	5.55	0.11	118	0.73	6.30
V389401	5.17	2.79	0.11	41.2	0.66	7.42
V389402	2.27	2.61	0.08	49.6	0.59	5.75
V389403	3.43	2.68	0.07	38.5	0.52	6.37
V389404	4.95	4.53	0.09	64.2	0.54	7.83

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element Method	@Ta GE_IMS40Q12	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389405	3.61	2.22	0.07	33.0	0.52	6.49
V389406	4.87	3.52	0.07	37.0	0.50	6.25
V389407	7.02	1.95	0.10	27.5	0.84	6.41
V389408	5.10	2.61	0.08	39.9	0.64	8.05
V389409	1.42	2.57	0.07	41.6	0.72	9.54
V389410	1.44	5.54	0.17	112	0.67	7.22
V389411	0.99	2.65	0.08	38.8	0.80	8.38
V389412	2.63	6.14	0.15	115	0.91	12.66
V389413	3.79	2.25	0.09	35.2	0.44	8.94
V389414	1.11	1.96	0.11	54.9	0.80	11.16
V389415	0.78	0.87	1.97	11.0	0.49	19.85
V389416	0.98	2.14	0.08	37.8	0.63	8.79
V389417	2.86	2.99	0.17	42.0	0.54	9.51
V389418	0.90	2.28	0.07	38.6	0.38	8.12
V389419	6.18	1.92	0.11	30.9	0.70	5.96
V389420	<0.05	<0.05	<0.05	0.2	0.05	0.33
V389421	0.43	2.37	0.08	39.5	0.38	8.53
V389422	2.21	2.65	0.09	39.2	0.54	7.86
V389423	0.62	2.16	0.08	31.9	0.55	5.27
V389424	0.82	3.54	0.08	94.2	0.50	16.03
V389425	1.23	2.28	0.07	78.2	0.73	19.38
V389426	0.80	2.31	0.10	76.2	0.70	18.74
V389427	4.53	2.63	0.07	41.2	0.33	11.63
V389428	2.23	2.74	0.07	43.6	0.42	9.79
V389429	1.45	2.31	0.08	42.9	0.31	9.98
V389430	1.27	2.20	<0.05	41.7	0.38	9.31
V389431	6.58	2.10	0.08	41.8	0.48	6.81
V389432	3.93	2.15	0.10	37.4	0.85	7.76
V389433	2.24	3.21	0.07	49.0	0.34	8.99
V389434	1.69	2.71	0.06	48.6	0.30	8.37

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389435	1.51	3.10	<0.05	58.8	0.26	5.49
V389436	1.22	1.93	0.08	29.2	0.42	7.67
V389437	4.99	2.50	0.09	42.5	0.30	10.09
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 905	1.33	0.76	0.06	14.7	0.66	4.76
*Rep V389437	2.03	2.56	0.11	44.0	0.31	10.41
*Std OREAS 601	0.95	0.51	14.58	10.9	1.09	3.66
*Std OREAS 601	1.03	0.56	15.20	11.3	1.15	4.02
*Rep V389393	8.49	6.79	0.84	109	0.83	8.30
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389375	13.4	47.8	3.4
V389376	13.2	46.7	3.5
V389377	7.7	34.0	2.4
V389378	6.2	41.6	2.9
V389379	8.6	56.5	3.9
V389380	114	14.4	1.7
V389381	14.3	66.6	5.3
V389382	29.8	59.5	4.3
V389383	10.8	47.5	3.6
V389384	10.4	80.1	5.0
V389385	2.9	50.4	3.2
V389386	3.4	46.1	3.2
V389387	7.6	65.5	4.9
V389388	47.7	85.8	6.9
V389389	8.9	65.4	4.9

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389390	5.6	58.4	4.2
V389391	5.3	96.4	7.8
V389392	8.0	102	7.3
V389393	10.6	154	11.2
V389394	8.1	80.2	5.3
V389395	0.8	0.8	<0.1
V389396	12.5	134	9.2
V389397	6.5	81.5	5.1
V389398	5.6	83.5	6.5
V389399	4.2	233	16.3
V389400	4.6	131	9.6
V389401	4.3	55.5	3.7
V389402	3.3	49.4	3.2
V389403	5.5	53.8	3.1
V389404	10.4	95.9	7.0
V389405	7.3	38.7	2.4
V389406	8.1	66.3	4.3
V389407	13.3	40.4	2.5
V389408	5.7	53.1	3.6
V389409	4.9	47.4	2.8
V389410	3.8	110	7.2
V389411	5.3	56.1	3.6
V389412	7.5	140	9.8
V389413	10.0	47.0	3.1
V389414	6.4	44.1	3.1
V389415	140	29.5	3.1
V389416	5.6	48.3	3.7
V389417	5.4	71.2	4.3
V389418	7.6	47.2	3.0
V389419	15.8	46.2	3.1
V389420	0.4	0.7	<0.1
V389421	12.9	54.0	3.6

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



Submission Number *SD* VR RESOURCES LTD./ H-K,
 HK20-002, batch 03/ 63 Core
 Number of Samples 63

ANALYSIS REPORT BBM20-05387

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389422	8.1	63.5	4.2
V389423	6.0	54.9	3.6
V389424	5.4	81.4	6.2
V389425	8.3	58.6	3.8
V389426	9.1	58.8	3.8
V389427	9.1	58.8	3.9
V389428	7.9	66.6	4.4
V389429	6.4	48.3	3.1
V389430	1.8	46.3	2.9
V389431	9.9	47.7	3.0
V389432	14.9	50.1	3.3
V389433	2.6	75.6	4.5
V389434	2.5	58.9	3.6
V389435	2.9	71.6	5.0
V389436	2.9	40.9	2.5
V389437	4.8	56.4	3.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 905	2.8	16.4	0.7
*Rep V389437	3.9	58.3	3.8
*Std OREAS 601	5.7	11.3	0.6
*Std OREAS 601	6.0	10.9	0.6
*Rep V389393	10.6	160	10.9
*Blk BLANK	<0.1	<0.1	<0.1

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05429

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES/ H-K, HK20-002, batch 03/ 76 Core	Date Received	03-Nov-2020
Number of Samples	76	Date Analysed	06-Nov-2020 - 01-Dec-2020
		Date Completed	01-Dec-2020
		SGS Order Number	BBM20-05429

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
72	G_PRP	Combined Sample Preparation
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
76	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
76	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
76	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ga marked as NR due to interference in Ag

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

1-Dec-2020 12:05PM BBM_U0005011051

Page 1 of 29

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389438	2.40	42	4.70	2738	13.16	103
V389439	2.50	17	4.27	2656	13.01	100
V389440	2.54	12	5.16	2928	11.69	154
V389441	2.54	12	4.68	2821	12.32	85
V389442	2.39	12	4.88	3223	12.17	141
V389443	2.63	11	4.38	3129	12.11	157
V389444	1.99	29	5.28	3142	11.79	127
V389445	0.05	677	3.12	162	2.86	34
V389446	0.61	8	2.73	1184	>15.00	82
V389447	2.16	9	4.66	2092	10.76	107
V389448	2.69	17	4.62	1765	12.21	67
V389449	2.26	10	4.78	1881	10.21	124
V389450	2.39	10	4.65	2362	11.94	120
V389451	2.57	9	4.57	3244	11.16	107
V389452	1.51	8	4.57	3340	8.59	126
V389453	3.05	17	4.98	3056	9.74	108
V389454	2.38	<5	4.82	3447	11.25	105
V389455	2.67	<5	3.41	4299	>15.00	85
V389456	2.33	5	3.77	543	14.18	125
V389457	2.14	<5	1.43	797	>15.00	58
V389458	2.05	<5	1.43	2456	>15.00	47
V389459	2.21	<5	2.98	3219	14.66	83
V389460	2.04	<5	4.63	3185	10.71	201
V389461	2.88	<5	1.75	4217	>15.00	44
V389462	1.79	<5	4.44	3314	12.70	109
V389463	2.25	6	4.43	2073	12.94	102
V389464	1.83	6	3.82	1684	11.97	248
V389465	2.83	<5	5.09	2942	11.16	123
V389466	2.03	7	5.21	1863	10.59	131
V389467	2.19	11	5.99	1837	9.08	105

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389468	2.54	<5	3.92	668	11.70	174
V389469	2.41	<5	3.84	693	11.61	208
V389470	0.05	167	5.16	316	1.98	40
V389471	2.66	<5	3.04	1264	14.39	152
V389472	2.13	19	4.33	3227	12.88	109
V389473	2.48	8	3.71	4064	9.96	323
V389474	2.38	<5	3.43	2590	10.99	238
V389475	2.29	<5	3.92	2874	10.91	329
V389476	-	<5	3.86	3436	10.41	305
V389477	2.12	8	1.82	3954	>15.00	107
V389478	2.65	9	3.29	3953	14.51	170
V389479	1.01	<5	0.05	281	>15.00	<1
V389480	2.22	8	4.15	3885	12.68	158
V389481	2.37	8	3.66	1859	11.53	255
V389482	2.51	7	3.92	3997	12.73	115
V389483	2.07	14	5.57	2319	9.45	134
V389484	2.21	<5	8.15	1496	5.58	77
V389485	2.30	<5	4.30	3498	12.55	124
V389486	2.45	<5	4.03	2923	13.05	104
V389487	2.42	5	4.44	1999	12.98	66
V389488	2.53	<5	4.10	1442	11.56	103
V389489	2.49	<5	4.20	3065	12.41	104
V389490	0.05	672	3.25	231	2.87	26
V389491	2.56	<5	2.57	3802	>15.00	87
V389492	2.42	<5	4.93	2754	12.90	80
V389493	2.40	<5	5.78	753	10.01	152
V389494	2.51	<5	4.43	4475	11.69	133
V389495	2.46	<5	4.23	1539	11.03	219
V389496	2.83	<5	4.77	2933	10.11	224
V389497	2.74	<5	3.07	4376	>15.00	106

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389498	2.01	<5	4.48	2886	11.37	238
V389499	2.39	<5	4.74	2310	10.74	225
V389500	2.58	<5	3.26	1035	14.59	140
V389501	2.65	5	4.56	3426	12.94	86
V389502	2.30	<5	5.57	2160	10.28	163
V389503	2.18	<5	3.93	2674	11.08	440
V389504	2.68	<5	5.09	2230	8.91	159
V389505	2.33	7	4.06	3022	12.91	92
V389506	2.23	7	4.84	1049	10.95	112
V389507	2.56	7	4.40	1281	10.37	223
V389508	2.17	<5	4.81	1007	9.90	175
V389509	2.66	<5	4.83	1029	11.52	119
V389510	2.56	<5	4.24	708	11.56	227
V389511	2.51	<5	4.60	1115	11.89	114
V389512	2.37	7	5.07	2563	11.11	155
V389513	2.29	15	4.35	950	11.73	233
*Dup V389475	2.29	<5	3.71	3180	9.65	301
*Std OREAS 601	-	-	6.23	1706	1.24	19
*Blk BLANK	-	-	<0.01	<1	<0.01	2
*Rep V389484	-	-	8.05	1481	5.54	62
*Std OREAS 905	-	-	7.40	2502	0.59	12
*Blk BLANK	-	-	0.02	<1	0.02	<1
*Rep V389439	-	-	4.23	2648	13.29	118
*Std OREAS 905	-	-	7.39	2540	0.58	13
*Std OREAS 601	-	-	6.25	1444	1.27	36
*Blk BLANK	-	6	-	-	-	-
*Std SL76	-	5910	-	-	-	-
*Blk BLANK	-	6	-	-	-	-
*Std oreas235	-	1640	-	-	-	-
*Std OREAS 601	-	-	6.27	2343	1.25	37

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



Submission Number
002, batch 03/ 76 Core
Number of Samples

SD VR RESOURCES/ H-K, HK20-
76

ANALYSIS REPORT BBM20-05429

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Blk BLANK	-	-	<0.01	<1	0.01	1
*Blk BLANK	-	<5	-	-	-	-
*Rep V389458	-	<5	-	-	-	-
*Std SL76	-	5640	-	-	-	-
*Rep V389478	-	<5	-	-	-	-
*Std GS-9B	-	8490	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Rep V389497	-	<5	-	-	-	-
*Std oreas235	-	1590	-	-	-	-

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389438	83.1	7.64	3.80	40	6.89	1804
V389439	55.5	7.49	3.53	44	6.50	1856
V389440	104	6.87	3.56	62	6.78	2062
V389441	77.0	7.29	3.88	50	6.74	1645
V389442	88.8	7.70	3.72	33	6.93	1579
V389443	85.4	7.52	3.89	33	6.62	1874
V389444	103	7.95	4.24	64	6.29	2067
V389445	>10000	>15.00	3.23	8	0.31	2648
V389446	1139	5.46	2.87	33	4.59	2558
V389447	72.8	7.11	3.48	36	7.03	1398
V389448	75.3	7.40	3.65	30	6.49	1583
V389449	239	8.25	3.33	39	6.98	1689
V389450	64.4	7.82	4.03	43	6.43	1569
V389451	65.2	7.47	4.62	86	6.21	3110
V389452	405	7.94	4.91	54	6.92	2586

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389453	223	7.35	4.75	55	7.00	1969
V389454	190	6.84	4.08	61	6.06	2619
V389455	125	5.57	3.68	57	5.77	3340
V389456	137	6.71	3.34	61	4.48	2530
V389457	54.6	4.98	0.57	10	6.48	3383
V389458	59.1	4.57	0.83	15	3.72	3769
V389459	59.1	5.43	3.26	55	5.07	2908
V389460	82.7	7.17	4.79	77	6.80	2400
V389461	47.5	4.11	2.26	49	3.14	2788
V389462	73.5	7.44	4.06	45	5.88	1717
V389463	76.8	7.32	3.80	37	6.07	1632
V389464	77.2	8.37	4.58	61	7.08	2546
V389465	86.0	7.30	4.45	62	5.31	2152
V389466	86.6	7.59	4.55	63	5.64	2277
V389467	124	7.54	3.59	94	5.28	2161
V389468	135	8.45	3.82	93	6.00	3273
V389469	131	7.36	4.78	86	6.60	3474
V389470	3270	>15.00	5.46	12	0.74	5019
V389471	217	8.25	3.68	28	6.39	3672
V389472	84.5	7.79	4.31	66	5.73	2865
V389473	78.7	9.65	4.13	32	7.60	3068
V389474	78.4	10.00	3.87	19	7.14	2627
V389475	87.5	9.66	3.76	32	7.50	2721
V389476	87.7	9.49	3.55	32	7.42	2678
V389477	66.4	4.82	2.31	13	4.29	3270
V389478	60.7	7.29	2.69	39	5.37	3601
V389479	1.3	0.09	0.03	11	13.86	435
V389480	56.5	7.50	2.99	63	6.34	3483
V389481	90.8	8.72	4.30	69	6.68	2859
V389482	82.1	7.02	4.27	75	5.45	3463

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389483	64.0	8.20	3.06	47	5.15	2398
V389484	42.0	7.57	2.22	30	3.30	1475
V389485	82.9	6.65	4.11	46	5.35	3075
V389486	104	7.36	3.49	63	5.31	3045
V389487	204	7.98	3.07	40	4.62	2318
V389488	250	9.20	2.90	37	5.58	2281
V389489	193	8.27	3.98	68	5.34	3460
V389490	>10000	>15.00	3.17	8	0.31	2616
V389491	65.7	7.11	2.81	54	5.89	3645
V389492	67.2	7.64	3.70	64	4.90	3019
V389493	60.8	7.75	5.15	68	5.26	2494
V389494	109	7.24	4.20	53	5.98	3087
V389495	75.2	8.02	4.33	70	6.41	3298
V389496	84.4	8.15	3.17	64	7.27	2391
V389497	54.5	6.19	2.76	49	4.34	3909
V389498	81.2	7.30	3.14	51	7.31	2271
V389499	95.2	7.33	3.27	63	7.39	2138
V389500	74.6	7.70	3.06	60	6.08	5927
V389501	63.7	7.04	2.92	55	5.61	3636
V389502	72.4	7.62	4.28	64	5.95	2419
V389503	68.1	8.90	3.51	39	7.84	2534
V389504	98.0	9.10	4.38	55	6.80	2467
V389505	75.4	7.12	3.50	70	5.24	3240
V389506	124	7.80	5.28	75	5.30	2831
V389507	98.6	8.70	4.47	71	6.93	3321
V389508	72.3	8.00	4.77	82	5.70	3181
V389509	77.4	8.37	4.86	77	5.08	4509
V389510	80.7	8.31	4.53	67	5.99	3184
V389511	102	7.44	4.55	62	5.11	3045
V389512	150	7.43	3.99	88	5.29	2689

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389513	134	8.67	4.47	105	6.18	2738
*Dup V389475	85.1	9.08	3.71	30	7.10	2615
*Std OREAS 601	959	2.41	2.09	20	0.37	444
*Blk BLANK	0.8	<0.01	<0.01	<1	<0.01	<2
*Rep V389484	39.8	7.47	2.13	30	3.27	1467
*Std OREAS 905	1450	4.00	2.74	20	0.28	344
*Blk BLANK	1.1	0.02	<0.01	<1	<0.01	3
*Rep V389439	54.3	7.51	3.77	44	6.45	1846
*Std OREAS 905	1462	3.98	2.96	20	0.28	349
*Std OREAS 601	952	2.42	2.13	21	0.38	446
*Std OREAS 601	1007	2.45	2.33	21	0.37	458
*Blk BLANK	<0.5	0.01	<0.01	<1	<0.01	3

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389438	0.31	113	0.91	0.25	3049	1.01
V389439	0.30	119	0.82	0.20	4377	0.74
V389440	0.44	177	0.56	0.35	5705	0.94
V389441	0.31	129	0.52	0.13	3271	0.61
V389442	0.25	131	0.81	0.21	4008	1.00
V389443	0.32	132	0.87	0.10	3297	1.10
V389444	0.38	129	0.72	0.20	2733	1.20
V389445	0.13	74	0.07	3.56	180	0.26
V389446	0.19	295	0.84	1.64	1010	0.52
V389447	0.34	132	0.69	0.22	2025	0.61
V389448	0.45	117	0.60	0.18	2478	0.52
V389449	0.44	144	0.71	0.27	1964	0.67

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389450	0.41	117	0.72	0.18	2847	0.66
V389451	0.43	115	0.80	0.34	3152	1.04
V389452	0.28	140	0.73	0.95	1112	0.80
V389453	0.30	136	0.87	0.31	2569	0.94
V389454	0.58	139	0.72	0.47	2446	0.80
V389455	0.20	143	0.68	1.22	3518	0.53
V389456	0.40	135	0.63	3.14	2733	1.31
V389457	0.16	37	0.23	0.18	1326	0.43
V389458	0.14	55	0.56	0.87	2158	0.56
V389459	0.20	90	0.76	1.16	3121	0.42
V389460	0.47	202	0.33	0.79	3602	1.19
V389461	0.14	53	1.45	1.00	5868	0.28
V389462	0.49	111	0.81	0.53	2798	0.87
V389463	0.42	115	0.84	0.40	3019	0.87
V389464	0.18	185	0.61	1.52	2673	1.48
V389465	0.59	152	0.63	0.95	2962	1.17
V389466	0.45	107	0.55	0.81	3665	1.48
V389467	1.17	139	0.33	1.14	2572	1.25
V389468	0.36	137	0.57	1.74	3985	1.38
V389469	0.14	152	0.54	1.48	2395	1.23
V389470	0.22	52	0.08	2.96	95.8	0.48
V389471	0.10	128	0.45	1.17	3258	1.21
V389472	0.37	126	0.62	0.86	4009	1.14
V389473	0.38	199	0.33	0.83	2934	2.31
V389474	0.33	172	0.43	0.94	2544	1.69
V389475	0.37	199	0.62	0.87	2469	2.10
V389476	0.36	203	0.53	0.89	2339	1.88
V389477	0.17	99	1.01	0.96	6840	0.41
V389478	0.54	116	0.61	0.71	4773	1.39
V389479	0.03	<1	<0.01	0.02	135	<0.01

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389480	0.62	100	0.46	0.88	4030	1.39
V389481	0.27	160	0.58	1.34	3042	1.48
V389482	0.30	105	0.55	1.03	2718	1.04
V389483	1.50	116	0.51	0.98	2138	1.34
V389484	3.41	54	0.68	0.36	1521	0.97
V389485	0.27	101	0.57	1.12	2455	0.71
V389486	0.27	108	0.52	1.13	2505	0.70
V389487	0.45	106	0.60	1.00	4230	1.15
V389488	0.48	147	0.63	1.24	2903	1.63
V389489	0.30	117	0.51	1.21	3268	1.24
V389490	0.14	72	0.07	3.50	207	0.27
V389491	0.14	95	1.19	1.32	3175	0.49
V389492	0.49	71	0.54	1.24	3434	0.93
V389493	0.35	100	0.56	1.53	2329	1.58
V389494	0.36	124	0.54	0.82	2832	0.95
V389495	0.32	143	0.47	0.98	2569	1.39
V389496	0.45	186	0.31	0.79	3037	1.53
V389497	0.25	123	0.81	0.45	>10000	0.64
V389498	0.48	189	0.45	0.68	3411	1.05
V389499	0.45	177	0.31	1.13	2096	1.21
V389500	0.12	132	0.77	1.77	2574	0.84
V389501	0.32	66	0.52	0.75	2477	0.96
V389502	0.41	93	0.31	1.18	2088	1.31
V389503	0.33	260	0.43	1.03	2779	1.81
V389504	0.46	144	0.48	1.24	1920	1.55
V389505	0.19	95	0.51	1.01	2610	0.64
V389506	0.23	123	0.69	1.62	2311	1.51
V389507	0.30	139	0.42	1.26	2345	1.80
V389508	0.32	114	0.55	1.66	1968	1.68
V389509	0.29	89	0.48	1.24	3464	1.57

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389510	0.21	156	0.58	2.21	3177	1.77
V389511	0.32	100	0.53	2.05	2191	1.15
V389512	0.36	120	0.46	1.23	2430	1.28
V389513	0.26	202	0.57	1.85	2350	1.46
*Dup V389475	0.35	188	0.53	0.87	2172	1.98
*Std OREAS 601	1.40	20	0.05	1.14	217	0.17
*Blk BLANK	<0.01	2	<0.01	<0.01	<0.5	<0.01
*Rep V389484	3.38	53	0.68	0.36	1502	0.95
*Std OREAS 905	2.37	10	0.03	0.07	156	0.12
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Rep V389439	0.30	115	0.92	0.24	4317	0.93
*Std OREAS 905	2.36	10	0.03	0.07	153	0.12
*Std OREAS 601	1.43	25	0.05	1.13	221	0.18
*Std OREAS 601	1.44	27	0.04	1.09	222	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.5 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389438	233	78	275	<0.5	4.10	15
V389439	266	90	212	<0.5	6.87	13
V389440	215	87	362	0.5	6.37	12
V389441	231	74	267	<0.5	4.94	6
V389442	278	96	338	0.5	9.03	11
V389443	280	138	287	0.7	11.10	14
V389444	284	142	277	0.6	16.57	15
V389445	86	27	109	2.1	251	654
V389446	288	73	114	1.4	22.54	13

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.5 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389447	275	103	265	<0.5	23.11	12
V389448	262	114	204	<0.5	13.35	8
V389449	300	159	254	<0.5	24.29	9
V389450	251	105	180	<0.5	8.87	15
V389451	231	197	424	1.2	338	28
V389452	250	171	268	<0.5	147	13
V389453	286	114	318	<0.5	10.66	12
V389454	266	111	196	<0.5	17.02	12
V389455	325	145	168	<0.5	25.00	19
V389456	332	160	158	<0.5	48.43	26
V389457	110	22	60.8	1.1	127	9
V389458	196	56	196	1.4	57.10	13
V389459	334	126	100	<0.5	15.28	13
V389460	334	166	200	0.7	25.17	10
V389461	141	168	20.3	<0.5	32.02	9
V389462	225	109	267	<0.5	66.65	8
V389463	229	104	242	<0.5	74.41	7
V389464	528	131	170	0.8	245	19
V389465	355	123	247	1.8	269	25
V389466	366	171	194	1.0	36.02	13
V389467	300	203	138	1.7	81.16	16
V389468	469	297	198	0.8	50.29	15
V389469	564	299	160	<0.5	29.61	17
V389470	99	26	189	1.5	88.47	646
V389471	555	246	211	<0.5	15.79	25
V389472	367	204	259	1.2	14.71	18
V389473	317	146	241	1.3	11.97	7
V389474	348	164	196	<0.5	31.20	7
V389475	330	145	256	<0.5	32.27	10
V389476	330	143	240	0.6	29.53	8

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@V	@Zn	@Zr	@Ag	@Mo	@As
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	0.5	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389477	209	189	48.2	<0.5	13.81	8
V389478	309	133	217	<0.5	28.85	8
V389479	5	11	1.5	<0.5	<0.05	<1
V389480	373	138	187	<0.5	30.40	7
V389481	391	163	223	<0.5	49.74	20
V389482	555	234	119	<0.5	77.30	22
V389483	393	143	244	0.9	62.07	16
V389484	146	80	270	0.8	3.44	42
V389485	421	201	155	<0.5	205	21
V389486	506	205	143	<0.5	164	16
V389487	444	246	145	<0.5	23.02	4
V389488	416	193	173	0.6	13.62	9
V389489	567	345	184	<0.5	101	20
V389490	85	27	110	2.3	293	721
V389491	443	177	65.1	<0.5	90.18	26
V389492	562	145	207	<0.5	193	17
V389493	377	132	225	1.0	21.10	11
V389494	486	175	233	<0.5	114	16
V389495	425	169	191	0.6	62.47	20
V389496	294	125	227	<0.5	24.09	10
V389497	213	167	88.9	<0.5	37.03	6
V389498	246	156	169	<0.5	26.79	13
V389499	295	206	195	<0.5	35.47	20
V389500	324	318	112	<0.5	53.61	23
V389501	341	295	128	<0.5	22.00	8
V389502	339	205	169	<0.5	69.54	5
V389503	256	151	209	1.1	30.65	23
V389504	377	199	240	<0.5	25.58	11
V389505	531	198	115	<0.5	73.43	14
V389506	518	152	140	0.9	31.23	25

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	0.5	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389507	371	160	226	1.0	58.18	21
V389508	584	161	168	0.9	46.85	24
V389509	539	274	163	1.5	27.21	18
V389510	498	191	214	1.1	392	32
V389511	551	443	164	<0.5	418	26
V389512	504	213	177	<0.5	118	28
V389513	544	176	241	<0.5	136	41
*Dup V389475	314	135	257	<0.5	31.66	10
*Std OREAS 601	26	1212	157	51.9	3.74	284
*Blk BLANK	<2	<1	<0.5	<0.5	<0.05	<1
*Rep V389484	145	79	265	0.7	3.37	42
*Std OREAS 905	11	124	243	<0.5	3.43	31
*Blk BLANK	<2	1	<0.5	<0.5	<0.05	<1
*Rep V389439	257	90	265	-	-	-
*Std OREAS 905	10	126	252	<0.5	3.44	31
*Std OREAS 601	26	1222	160	51.6	4.24	319
*Rep V389439	-	-	-	<0.5	7.45	17
*Std OREAS 601	25	1251	155	49.6	4.22	281
*Blk BLANK	<2	2	<0.5	<0.5	0.10	<1

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389438	6.3	<0.04	0.06	383	36.3	5
V389439	6.6	0.31	0.14	502	34.0	5
V389440	17.2	0.05	0.26	479	44.8	10
V389441	5.1	<0.04	0.09	334	34.2	5
V389442	7.0	<0.04	0.13	345	38.3	5

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389443	6.6	0.09	0.17	352	40.1	6
V389444	8.1	0.13	0.22	365	40.2	4
V389445	0.4	10.93	0.34	119	743	<1
V389446	4.7	0.50	0.10	>1000	98.2	3
V389447	5.9	0.09	0.11	375	48.2	4
V389448	9.2	0.07	0.11	343	41.9	4
V389449	9.7	0.16	0.21	382	56.3	4
V389450	7.4	0.06	0.08	328	44.9	4
V389451	4.0	0.60	0.47	>1000	38.8	9
V389452	3.6	0.72	0.21	846	52.8	8
V389453	5.3	0.40	0.08	440	46.5	5
V389454	6.9	0.41	0.09	631	39.1	4
V389455	10.7	0.70	0.36	>1000	52.3	2
V389456	10.1	0.67	0.16	849	55.8	2
V389457	7.0	0.50	0.20	874	17.9	1
V389458	4.7	0.56	0.30	789	20.1	1
V389459	5.8	0.37	0.15	978	31.2	3
V389460	9.7	0.29	0.25	481	40.3	4
V389461	3.7	0.60	0.77	>1000	20.4	2
V389462	3.5	0.05	0.32	426	38.0	4
V389463	3.6	0.06	0.26	386	38.7	4
V389464	30.3	0.09	0.47	361	41.0	1
V389465	8.3	0.22	0.48	474	43.5	3
V389466	4.0	0.11	0.26	431	33.5	3
V389467	5.0	0.19	0.76	435	38.7	2
V389468	9.7	0.54	0.76	820	41.2	2
V389469	10.4	0.51	0.49	722	40.1	2
V389470	0.8	12.59	0.11	200	741	<1
V389471	9.2	0.41	0.52	660	36.1	<1
V389472	6.2	0.19	0.30	560	34.9	3

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389473	3.3	0.13	0.24	758	52.0	3
V389474	3.5	0.07	0.37	546	53.5	2
V389475	4.9	0.06	0.31	615	57.3	2
V389476	4.6	0.09	0.30	684	51.7	3
V389477	4.8	0.23	0.67	971	29.6	<1
V389478	5.1	0.38	0.37	>1000	39.9	2
V389479	<0.1	<0.04	0.04	4.27	1.8	<1
V389480	7.1	0.17	0.37	>1000	40.4	3
V389481	8.2	0.25	0.34	614	44.4	2
V389482	7.8	0.43	0.59	755	31.2	<1
V389483	7.4	0.24	0.29	471	35.9	2
V389484	2.4	0.10	0.13	238	30.6	3
V389485	5.4	0.33	0.65	603	32.0	1
V389486	6.6	0.32	0.52	572	35.9	1
V389487	3.7	0.09	0.35	412	42.2	5
V389488	3.8	0.12	0.30	387	49.3	4
V389489	5.4	0.58	0.85	608	38.3	2
V389490	0.5	12.18	0.35	165	847	<1
V389491	5.6	0.28	0.53	969	35.0	<1
V389492	6.4	0.27	0.55	649	33.8	3
V389493	7.4	0.14	0.16	394	35.5	2
V389494	9.1	0.62	0.43	533	39.0	2
V389495	10.6	0.75	0.40	633	42.4	2
V389496	6.1	0.17	0.22	583	45.6	5
V389497	3.5	0.63	0.80	>1000	31.2	3
V389498	3.3	0.26	0.49	548	43.6	6
V389499	7.6	0.23	0.76	404	43.8	6
V389500	7.7	0.36	1.15	>1000	37.2	2
V389501	5.0	0.28	0.63	697	28.4	3
V389502	5.6	0.27	0.51	371	34.9	3

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389503	9.3	0.32	0.33	607	57.9	4
V389504	5.1	0.16	0.26	428	46.0	5
V389505	5.9	0.17	0.47	688	34.6	2
V389506	8.3	0.30	0.31	464	41.7	2
V389507	6.4	0.24	0.27	473	49.4	2
V389508	7.3	0.36	0.27	513	34.8	1
V389509	4.9	0.29	0.27	593	26.4	3
V389510	11.5	0.75	0.74	502	43.8	2
V389511	8.6	0.43	1.68	628	36.4	1
V389512	6.9	0.30	0.49	428	38.8	2
V389513	12.2	0.37	0.38	437	51.3	2
*Dup V389475	5.4	0.07	0.30	612	61.8	2
*Std OREAS 601	2.3	21.45	7.85	66.66	5.3	8
*Blk BLANK	<0.1	<0.04	<0.02	0.08	<0.1	<1
*Rep V389484	2.4	0.11	0.12	243	31.0	3
*Std OREAS 905	3.3	5.96	0.34	99.60	14.8	9
*Blk BLANK	<0.1	<0.04	<0.02	0.42	0.1	<1
*Std OREAS 905	3.2	5.82	0.34	93.21	15.0	8
*Std OREAS 601	2.4	20.91	8.06	67.10	5.8	8
*Rep V389439	8.7	0.27	0.15	497	40.3	5
*Std OREAS 601	2.0	19.26	7.52	63.38	5.1	7
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389438	NR	3.70	0.07	191	0.53	59.7
V389439	NR	1.86	0.07	277	0.62	9.8

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389440	NR	5.37	0.07	282	0.47	61.5
V389441	NR	2.84	0.06	169	0.45	18.9
V389442	NR	4.41	0.07	168	0.48	42.8
V389443	NR	4.45	0.09	180	0.63	116
V389444	NR	4.73	0.09	185	0.53	148
V389445	NR	2.96	0.26	93.9	0.28	5.3
V389446	NR	1.25	0.10	583	0.95	26.3
V389447	NR	3.19	0.07	188	0.40	7.7
V389448	NR	2.44	0.08	159	0.41	9.5
V389449	NR	3.12	0.08	194	0.42	8.8
V389450	NR	2.40	0.08	153	0.46	71.5
V389451	NR	4.12	0.05	669	0.97	216
V389452	NR	3.38	0.04	519	0.54	37.2
V389453	NR	2.88	0.06	264	0.45	28.3
V389454	NR	2.62	0.07	381	0.67	34.5
V389455	NR	2.07	0.08	904	1.29	21.4
V389456	NR	2.52	0.22	468	1.61	381
V389457	NR	1.37	0.05	632	0.74	167
V389458	NR	2.81	0.07	452	1.15	248
V389459	NR	1.06	0.07	655	2.07	17.5
V389460	NR	3.69	0.09	307	0.77	141
V389461	NR	0.44	0.05	701	2.26	14.5
V389462	NR	3.35	0.08	233	0.49	32.2
V389463	NR	2.51	0.08	194	0.48	21.2
V389464	NR	3.02	0.07	190	0.83	147
V389465	NR	4.19	0.09	264	0.86	402
V389466	NR	5.04	0.11	247	0.66	192
V389467	NR	2.89	0.07	282	0.70	353
V389468	NR	3.19	0.10	486	1.17	174
V389469	NR	2.56	0.13	468	1.58	160

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389470	NR	5.57	0.22	236	0.49	10.1
V389471	NR	2.76	0.10	371	1.94	93.5
V389472	NR	3.63	0.08	310	1.03	238
V389473	NR	5.97	0.10	386	0.58	263
V389474	NR	4.12	0.09	263	0.77	52.2
V389475	NR	6.40	0.09	300	0.70	238
V389476	NR	4.77	0.10	342	0.69	134
V389477	NR	1.02	0.08	590	1.94	23.0
V389478	NR	3.27	0.10	645	1.92	74.5
V389479	NR	0.04	<0.02	2.4	0.01	1.4
V389480	NR	4.16	0.10	757	1.43	106
V389481	NR	4.38	0.10	336	1.06	83.5
V389482	NR	1.86	0.11	422	2.91	127
V389483	NR	4.51	0.09	241	1.01	258
V389484	NR	4.76	0.06	117	0.44	148
V389485	NR	2.10	0.10	325	2.55	33.5
V389486	NR	1.66	0.11	301	2.67	24.2
V389487	NR	3.09	0.09	213	0.56	83.2
V389488	NR	4.47	0.10	199	0.50	154
V389489	NR	3.48	0.13	339	1.79	140
V389490	NR	3.32	0.31	145	0.32	5.8
V389491	NR	0.94	0.08	520	3.60	43.8
V389492	NR	3.26	0.11	370	2.41	66.1
V389493	NR	5.35	0.10	217	0.56	323
V389494	NR	3.68	0.09	301	2.01	69.6
V389495	NR	3.93	0.11	356	1.26	160
V389496	NR	5.54	0.10	335	0.58	101
V389497	NR	1.80	0.05	1697	1.52	177
V389498	NR	3.20	0.08	317	0.50	41.9
V389499	NR	4.29	0.09	248	0.55	48.5

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389500	NR	1.98	0.09	1463	2.16	37.7
V389501	NR	2.91	0.12	382	1.30	66.9
V389502	NR	3.94	0.11	197	0.77	75.0
V389503	NR	4.89	0.09	316	0.53	174
V389504	NR	4.60	0.12	217	0.53	109
V389505	NR	1.48	0.10	365	2.47	21.9
V389506	NR	3.18	0.10	258	1.70	362
V389507	NR	5.86	0.10	252	0.63	266
V389508	NR	3.27	0.10	271	1.59	371
V389509	NR	3.99	0.14	270	1.28	397
V389510	NR	4.72	0.12	277	1.48	357
V389511	NR	2.85	0.13	347	1.68	147
V389512	NR	3.62	0.11	231	1.41	153
V389513	NR	3.98	0.10	245	2.01	317
*Dup V389475	NR	6.17	0.09	301	0.70	148
*Std OREAS 601	NR	4.58	1.78	32.9	0.10	11.5
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	<0.1
*Rep V389484	NR	4.80	0.06	118	0.45	151
*Std OREAS 905	NR	7.15	0.68	48.4	0.11	16.6
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	<0.1
*Std OREAS 905	NR	7.45	0.67	47.1	0.11	16.9
*Std OREAS 601	NR	4.74	1.75	33.7	0.10	12.6
*Rep V389439	NR	3.32	0.08	265	0.63	96.9
*Std OREAS 601	NR	4.56	1.74	32.7	0.10	13.5
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	0.2

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389438	6.8	156	0.19	21.6	<2	0.8
V389439	30.0	145	0.10	20.0	<2	<0.3
V389440	19.2	114	0.41	20.2	<2	0.5
V389441	7.6	143	0.10	19.1	<2	<0.3
V389442	10.1	161	0.32	22.2	<2	0.6
V389443	24.9	148	0.40	21.6	<2	1.3
V389444	24.8	144	0.59	19.7	<2	1.6
V389445	10.1	70.9	7.99	6.0	3	8.1
V389446	41.9	95.9	1.00	18.2	3	1.2
V389447	14.3	140	0.20	21.9	<2	<0.3
V389448	13.1	143	0.11	20.3	<2	<0.3
V389449	22.6	134	0.16	20.6	<2	<0.3
V389450	12.5	135	0.16	25.0	2	0.6
V389451	14.1	249	0.38	14.9	3	1.7
V389452	10.6	217	0.82	14.3	<2	0.4
V389453	9.8	178	0.18	18.6	<2	0.5
V389454	14.1	124	0.28	16.5	<2	0.5
V389455	94.9	103	0.47	16.4	3	0.7
V389456	39.5	92.6	1.00	28.6	6	2.2
V389457	11.2	21.5	1.28	7.3	<2	0.7
V389458	21.3	28.4	1.43	8.3	2	1.5
V389459	25.6	96.4	0.32	14.4	3	0.7
V389460	51.6	131	0.33	20.7	<2	1.9
V389461	53.3	81.5	0.19	8.3	4	0.9
V389462	26.3	143	0.27	19.1	<2	0.5
V389463	18.3	135	0.24	19.1	<2	0.4
V389464	23.8	88.3	0.87	15.6	<2	1.5
V389465	37.5	129	1.28	18.4	<2	1.5
V389466	31.7	135	1.04	23.1	2	1.7
V389467	56.3	91.6	1.66	18.3	<2	1.4

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389468	109	92.2	0.70	18.1	3	1.7
V389469	60.8	104	0.65	25.5	4	0.4
V389470	9.1	165	8.65	13.6	<2	10.1
V389471	51.5	67.1	0.49	16.6	3	1.5
V389472	23.2	112	0.40	14.4	2	1.2
V389473	25.7	116	0.58	21.8	3	2.1
V389474	21.7	110	0.22	21.8	3	1.8
V389475	19.0	116	0.81	29.5	4	2.7
V389476	20.1	110	0.56	24.0	3	2.4
V389477	57.8	53.8	0.18	13.6	4	0.8
V389478	44.4	88.3	0.50	20.9	4	1.5
V389479	1.7	1.1	0.20	<0.5	<2	<0.3
V389480	27.4	89.2	0.46	22.5	4	0.8
V389481	47.7	96.7	0.48	18.7	3	1.4
V389482	57.9	70.2	0.70	13.2	4	0.7
V389483	24.1	79.9	1.18	16.4	2	1.8
V389484	6.3	62.3	4.43	12.5	<2	1.3
V389485	44.5	75.8	0.87	15.4	4	<0.3
V389486	47.9	77.4	0.52	14.2	4	<0.3
V389487	18.2	153	0.53	18.5	<2	0.5
V389488	19.6	118	0.63	20.1	2	1.5
V389489	100	109	0.83	17.9	3	0.5
V389490	11.4	75.4	9.09	7.2	3	9.4
V389491	44.1	53.1	0.64	11.1	4	0.9
V389492	58.8	87.1	0.67	16.1	4	<0.3
V389493	17.8	111	0.70	17.7	<2	1.9
V389494	47.6	99.9	0.87	19.4	3	0.4
V389495	75.4	98.1	0.46	21.3	3	2.1
V389496	31.4	116	0.52	24.2	2	1.8
V389497	249	120	0.52	13.7	4	0.8

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389498	68.7	130	0.36	21.2	<2	1.5
V389499	36.2	117	0.70	24.7	<2	1.7
V389500	73.2	73.1	0.87	16.7	4	0.6
V389501	49.4	91.4	0.86	16.7	3	<0.3
V389502	59.7	86.3	0.44	23.1	2	1.7
V389503	31.6	93.4	0.90	20.7	2	1.8
V389504	15.8	162	0.41	26.0	2	2.0
V389505	28.8	79.0	0.47	16.1	4	0.4
V389506	32.4	102	0.95	17.1	3	1.8
V389507	44.8	107	1.57	21.8	2	2.0
V389508	40.5	80.8	1.06	16.2	3	2.1
V389509	48.0	138	0.88	21.3	3	2.3
V389510	88.5	99.5	0.98	20.2	3	2.3
V389511	90.2	93.0	1.02	15.7	3	0.5
V389512	50.0	93.7	1.10	21.9	3	1.1
V389513	40.2	89.5	1.17	20.1	4	2.1
*Dup V389475	19.7	122	0.54	30.7	4	2.6
*Std OREAS 601	304	87.8	31.01	4.8	10	4.2
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Rep V389484	6.7	61.6	4.48	12.9	<2	1.3
*Std OREAS 905	29.8	134	1.88	5.2	2	4.0
*Blk BLANK	0.5	0.3	<0.05	<0.5	<2	<0.3
*Std OREAS 905	29.2	145	1.96	5.6	3	4.1
*Std OREAS 601	332	104	30.84	5.4	11	4.1
*Rep V389439	29.0	141	0.22	25.3	2	0.6
*Std OREAS 601	303	91.0	29.47	4.9	10	4.1
*Blk BLANK	0.9	<0.2	<0.05	<0.5	<2	<0.3

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389438	1.90	2.64	0.05	40.0	0.32	11.87
V389439	0.23	2.92	0.06	36.7	0.42	7.75
V389440	0.89	2.33	0.07	19.9	0.53	6.24
V389441	0.65	2.34	<0.05	32.3	0.25	9.39
V389442	1.61	2.45	0.05	35.0	0.31	11.28
V389443	4.68	2.68	0.07	56.0	0.35	7.40
V389444	4.81	2.58	0.11	48.8	0.36	7.33
V389445	0.44	0.49	1.73	4.6	0.33	47.95
V389446	0.56	5.80	0.07	38.8	0.83	8.27
V389447	0.11	2.15	0.09	34.1	0.50	7.30
V389448	0.41	2.26	0.07	33.7	0.42	8.35
V389449	0.22	2.28	0.15	37.5	0.47	7.62
V389450	2.06	2.26	0.14	35.1	0.35	8.54
V389451	4.14	5.24	0.31	96.1	1.32	21.88
V389452	0.29	3.25	0.12	55.9	1.12	14.73
V389453	1.05	2.14	0.05	39.8	0.62	11.22
V389454	0.98	2.93	0.08	62.8	0.53	8.01
V389455	0.30	5.41	0.21	86.9	0.59	16.37
V389456	4.49	6.50	0.42	142	0.48	6.92
V389457	2.87	3.07	0.12	40.9	0.27	4.98
V389458	2.98	4.11	0.18	82.6	0.44	9.78
V389459	0.32	6.37	0.15	91.3	0.48	13.90
V389460	2.90	2.48	0.12	31.8	0.66	3.21
V389461	0.22	7.24	0.27	97.2	0.29	14.29
V389462	1.34	2.53	0.08	33.6	0.61	8.18
V389463	0.74	2.46	0.08	33.7	0.73	7.39
V389464	2.67	2.41	0.12	41.2	0.51	5.50
V389465	8.09	2.63	0.22	44.8	1.00	9.76
V389466	3.70	2.87	0.15	27.1	0.79	2.58
V389467	4.37	2.33	0.25	28.9	1.29	3.01

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389468	1.64	4.50	0.34	46.4	0.55	3.96
V389469	0.69	4.57	0.34	84.1	0.63	5.12
V389470	0.85	0.99	2.05	12.2	0.55	21.10
V389471	0.91	4.71	0.14	127	0.82	5.89
V389472	4.45	3.47	0.14	58.7	0.72	7.65
V389473	5.91	3.87	0.13	25.9	0.62	4.21
V389474	1.04	3.71	<0.05	37.9	0.51	3.85
V389475	4.97	4.18	0.15	25.7	0.57	3.93
V389476	3.35	4.15	0.11	25.8	0.61	4.08
V389477	0.53	7.64	0.22	72.1	0.33	3.80
V389478	1.89	6.43	0.08	66.7	0.69	4.67
V389479	<0.05	<0.05	<0.05	0.3	0.05	0.31
V389480	1.10	5.91	0.12	49.4	0.62	5.33
V389481	1.76	3.69	0.16	39.3	0.51	4.31
V389482	0.96	7.13	0.20	95.8	0.47	6.71
V389483	4.93	2.74	0.17	40.8	0.79	4.48
V389484	9.65	1.29	0.15	13.1	0.39	4.17
V389485	0.18	6.28	0.17	104	0.69	8.82
V389486	0.19	6.47	0.17	101	0.54	7.59
V389487	0.63	2.74	0.10	18.9	0.58	1.08
V389488	2.01	2.45	0.17	13.9	0.53	1.71
V389489	0.66	5.33	0.31	80.9	0.50	4.64
V389490	0.49	0.53	1.90	6.4	0.37	53.14
V389491	0.74	8.69	0.17	121	0.32	19.56
V389492	0.14	6.35	0.22	87.4	0.91	5.65
V389493	7.44	2.38	0.13	34.1	1.78	2.64
V389494	0.51	4.70	0.17	77.2	1.11	6.53
V389495	2.11	3.81	0.18	52.4	1.09	4.89
V389496	2.79	2.82	0.09	27.8	0.91	3.85
V389497	2.87	8.03	0.23	55.8	0.73	10.39

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389498	1.51	2.72	0.07	34.4	1.28	3.64
V389499	2.15	2.15	0.10	25.1	1.23	3.86
V389500	0.37	7.88	0.30	150	0.79	6.21
V389501	0.40	5.51	0.22	69.6	0.69	4.04
V389502	1.35	2.87	0.12	50.1	0.80	1.73
V389503	6.09	3.06	0.33	42.3	0.83	6.23
V389504	1.42	2.60	0.08	31.8	0.92	2.17
V389505	0.20	6.33	0.14	82.0	0.48	6.04
V389506	4.80	4.32	0.29	63.9	0.44	4.52
V389507	7.37	2.84	0.23	35.9	0.45	3.26
V389508	4.64	4.01	0.31	57.8	0.38	4.02
V389509	4.44	4.74	0.26	84.7	0.27	3.15
V389510	5.16	4.39	0.47	63.4	0.68	3.39
V389511	0.25	4.97	0.33	82.9	0.80	5.82
V389512	0.93	4.08	0.23	57.6	0.66	5.39
V389513	4.22	6.01	0.25	84.5	0.56	7.00
*Dup V389475	2.90	4.08	0.12	26.1	0.58	4.06
*Std OREAS 601	0.99	0.55	15.69	11.9	1.21	4.27
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Rep V389484	9.93	1.29	0.14	13.5	0.41	4.26
*Std OREAS 905	1.39	0.83	0.08	15.8	0.71	5.57
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 905	1.44	0.85	0.08	15.6	0.71	5.39
*Std OREAS 601	1.07	0.57	15.29	11.7	1.23	4.24
*Rep V389439	2.69	2.86	0.11	37.0	0.41	7.70
*Std OREAS 601	1.04	0.57	14.40	10.8	1.21	3.74
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@W GE_IMS40Q12 0.1 10,000 ppm m / m	@Y GE_IMS40Q12 0.1 10,000 ppm m / m	@Yb GE_IMS40Q12 0.1 1,000 ppm m / m
V389438	6.0	47.3	3.3
V389439	3.9	58.9	4.2
V389440	15.2	45.1	3.1
V389441	5.2	41.8	2.9
V389442	9.3	43.2	3.0
V389443	7.9	52.8	3.9
V389444	7.4	48.1	3.4
V389445	109	13.8	1.7
V389446	5.9	91.7	6.4
V389447	4.0	38.3	2.5
V389448	1.6	39.1	2.6
V389449	2.8	41.4	2.7
V389450	3.2	48.6	3.0
V389451	7.2	122	7.7
V389452	6.1	66.7	4.1
V389453	2.7	44.2	2.8
V389454	4.3	59.7	4.3
V389455	5.8	111	8.4
V389456	8.2	124	9.9
V389457	16.1	76.3	5.2
V389458	10.9	102	7.7
V389459	5.0	163	13.8
V389460	6.5	63.0	5.0
V389461	2.5	201	15.4
V389462	1.9	45.4	3.0
V389463	2.4	44.3	3.0
V389464	10.5	56.9	5.1
V389465	15.5	58.8	5.3
V389466	7.3	61.3	4.3
V389467	11.4	57.2	4.6
V389468	4.4	103	8.0
V389469	6.2	138	10.4

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element Method Lower Limit Upper Limit Unit	@W GE_IMS40Q12 0.1 10,000 ppm m / m	@Y GE_IMS40Q12 0.1 10,000 ppm m / m	@Yb GE_IMS40Q12 0.1 1,000 ppm m / m
V389470	140	29.4	3.0
V389471	6.6	140	12.5
V389472	7.2	85.8	6.7
V389473	6.5	59.1	3.8
V389474	1.6	76.7	5.1
V389475	5.7	83.1	4.8
V389476	4.3	67.4	4.7
V389477	2.0	170	13.0
V389478	4.1	159	12.3
V389479	0.2	1.0	<0.1
V389480	5.4	135	9.9
V389481	4.6	86.3	7.0
V389482	5.1	217	19.8
V389483	11.7	65.0	6.4
V389484	6.5	28.3	2.6
V389485	6.8	191	17.2
V389486	7.0	194	17.8
V389487	3.6	49.0	3.6
V389488	6.8	46.3	3.2
V389489	8.0	140	12.1
V389490	116	15.5	1.8
V389491	4.8	255	23.6
V389492	9.0	193	16.4
V389493	13.5	47.4	3.6
V389494	16.4	137	12.9
V389495	11.1	91.2	8.0
V389496	8.6	52.8	3.8
V389497	5.3	184	12.3
V389498	6.1	52.5	3.4
V389499	14.3	45.5	3.5
V389500	12.0	180	14.8
V389501	6.0	120	8.7

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



Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, batch 03/ 76 Core
 Number of Samples 76

ANALYSIS REPORT BBM20-05429

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389502	4.7	64.9	5.0
V389503	27.3	50.0	3.4
V389504	4.2	46.1	3.3
V389505	4.5	196	16.6
V389506	10.8	130	11.5
V389507	10.1	56.2	4.1
V389508	11.4	117	10.4
V389509	6.0	100	8.4
V389510	19.2	123	9.8
V389511	11.2	135	10.9
V389512	8.8	118	9.4
V389513	11.8	178	13.7
*Dup V389475	3.7	79.9	4.7
*Std OREAS 601	5.6	10.4	0.6
*Blk BLANK	<0.1	<0.1	<0.1
*Rep V389484	6.6	28.9	2.6
*Std OREAS 905	2.6	14.9	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 905	2.8	15.2	0.7
*Std OREAS 601	5.8	11.3	0.6
*Rep V389439	5.8	68.8	4.4
*Std OREAS 601	5.7	11.3	0.6
*Blk BLANK	<0.1	<0.1	<0.1

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05450

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	06-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, HK20-	Date Analysed	06-Nov-2020 - 01-Dec-2020
002, Batch 05/ 88 Core (1-76)		Date Completed	01-Dec-2020
Number of Samples	76	SGS Order Number	BBM20-05450

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
71	G_PRP	Combined Sample Preparation
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
76	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
76	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
76	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Interferences in Ag and Ga were observed

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389514	2.19	11	5.59	1499	9.27	197
V389515	2.38	14	3.62	763	12.81	329
V389516	2.45	9	2.44	921	>15.00	105
V389517	2.70	14	4.07	2217	12.91	155
V389518	2.44	8	2.90	1430	13.86	197
V389519	2.60	21	4.88	1856	10.44	226
V389520	0.06	192	5.19	311	1.98	39
V389521	2.46	6	4.37	2298	13.91	90
V389522	2.45	<5	3.86	2947	13.60	140
V389523	2.28	11	4.39	2743	12.57	152
V389524	2.31	12	3.77	828	13.36	118
V389525	2.34	9	5.19	896	10.26	158
V389526	-	12	5.04	1011	10.54	154
V389527	2.68	17	4.96	1970	11.65	93
V389528	1.75	7	6.57	2031	8.88	165
V389529	0.88	184	8.31	2209	12.48	24
V389530	2.10	9	5.94	2190	11.31	156
V389531	2.51	13	4.52	2903	13.23	171
V389532	2.46	19	4.99	920	10.71	145
V389533	2.56	15	5.68	2393	8.82	221
V389534	2.46	18	4.78	775	9.76	254
V389535	2.36	16	3.44	943	13.56	503
V389536	2.64	15	4.01	535	11.36	155
V389537	2.59	17	4.51	745	11.18	134
V389538	2.46	19	4.32	509	9.89	154
V389539	2.37	17	3.06	2554	13.89	545
V389540	0.89	10	0.08	904	>15.00	5
V389541	2.25	17	3.35	2276	11.82	578
V389542	2.30	17	5.13	2460	7.96	405

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389543	2.43	14	4.30	767	10.53	265
V389544	2.49	21	4.63	628	11.99	144
V389545	2.31	14	5.39	844	10.24	164
V389546	2.32	11	5.89	796	8.22	138
V389547	2.40	14	6.34	978	8.99	169
V389548	2.36	20	4.40	3885	12.38	321
V389549	2.53	14	2.71	1991	12.52	838
V389550	0.06	813	3.11	188	2.85	37
V389551	2.50	14	2.96	2295	11.42	687
V389552	1.72	19	3.36	2396	10.24	579
V389553	2.89	14	3.31	2025	10.11	634
V389554	2.27	16	3.14	3110	12.62	590
V389555	2.14	17	2.90	3370	14.03	440
V389556	2.51	22	5.82	2160	8.71	175
V389557	2.14	10	6.62	2785	9.74	63
V389558	2.44	14	4.93	1033	12.04	108
V389559	2.42	13	3.35	1037	>15.00	29
V389560	2.60	16	5.27	2583	11.83	261
V389561	2.15	17	5.62	2783	12.75	226
V389562	2.25	12	3.79	3668	>15.00	473
V389563	2.49	17	3.32	3931	>15.00	224
V389564	2.36	30	4.72	4908	11.78	219
V389565	1.03	11	0.04	305	>15.00	<1
V389566	2.66	21	4.15	4484	14.56	192
V389567	2.35	17	1.94	2852	>15.00	99
V389568	2.26	25	1.12	1296	>15.00	25
V389569	2.34	16	3.21	3116	>15.00	67
V389570	2.68	11	4.14	2695	12.69	103
V389571	2.76	<5	4.98	2259	10.04	194

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389572	2.44	23	4.20	3394	11.99	192
V389573	2.33	13	4.41	2197	11.87	123
V389574	2.38	16	2.86	2768	13.60	441
V389575	2.97	6	4.90	1995	8.85	346
V389576	-	6	4.67	1885	8.35	320
V389577	2.19	9	6.04	1520	6.91	111
V389578	2.64	7	5.13	1799	10.20	138
V389579	2.54	<5	4.44	2959	11.78	202
V389580	2.37	<5	5.20	2868	13.46	88
V389581	2.07	<5	3.46	1042	11.76	260
V389582	1.34	5	1.30	1984	>15.00	128
V389583	1.77	8	4.13	2737	9.36	424
V389584	2.55	6	4.17	2878	10.73	322
V389585	0.06	170	5.08	323	1.91	35
V389586	2.23	12	4.05	3285	11.16	404
V389587	2.41	<5	3.81	738	11.80	112
V389588	2.68	5	4.96	1320	9.20	147
V389589	1.97	<5	5.53	3180	8.06	206
*Dup V389553	2.89	24	3.54	2120	10.75	606
*Blk BLANK	-	<5	-	-	-	-
*Std SL76	-	6060	-	-	-	-
*Rep V389526	-	-	5.07	879	9.97	145
*Std OREAS 601	-	-	6.27	2343	1.25	37
*Blk BLANK	-	-	<0.01	<1	0.01	1
*Std OREAS 905	-	-	7.54	2626	0.59	18
*Blk BLANK	-	-	0.01	8	0.02	2
*Std OREAS 601	-	-	6.07	1112	1.23	38
*Rep V389564	-	-	4.61	3122	11.66	250
*Std OREAS 905	-	-	7.36	2671	0.60	17

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Blk BLANK	-	<5	-	-	-	-
*Std SL76	-	5720	-	-	-	-
*Std OREAS 601	-	-	6.29	864	1.26	29
*Blk BLANK	-	-	<0.01	<1	<0.01	<1
*Std OREAS 905	-	-	7.37	2628	0.58	16
*Blk BLANK	-	6	-	-	-	-
*Std SL76	-	5910	-	-	-	-
*Rep V389531	-	7	-	-	-	-
*Rep V389562	-	16	-	-	-	-
*Rep V389580	-	<5	-	-	-	-
*Blk BLANK	-	6	-	-	-	-
*Std oreas235	-	1640	-	-	-	-

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389514	199	8.91	4.88	71	5.55	2141
V389515	103	8.79	4.42	63	6.21	3583
V389516	40.8	6.57	3.10	48	4.50	2746
V389517	96.9	7.34	4.42	65	5.47	2821
V389518	144	8.25	2.98	30	6.99	3476
V389519	127	9.54	3.99	55	6.54	1876
V389520	3383	>15.00	5.65	12	0.72	5141
V389521	96.2	7.68	2.94	33	5.46	1951
V389522	112	7.55	2.95	34	5.43	2574
V389523	83.2	7.81	3.29	38	6.10	2757
V389524	351	8.34	3.84	54	5.64	4053

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389525	235	10.15	5.04	102	5.10	3077
V389526	233	10.16	4.87	100	5.03	3177
V389527	166	9.31	4.65	73	5.05	3607
V389528	80.1	8.04	2.76	84	6.34	2036
V389529	14.3	4.98	2.28	70	3.21	2151
V389530	100	7.98	3.29	65	6.24	1669
V389531	126	7.57	3.35	61	5.82	2734
V389532	297	8.94	4.95	57	5.44	3079
V389533	127	8.45	4.85	62	6.47	2162
V389534	260	9.76	5.21	65	5.64	3122
V389535	115	7.99	4.17	56	6.73	3407
V389536	242	9.68	4.51	61	5.69	4389
V389537	183	8.97	5.13	55	5.43	3310
V389538	186	10.70	4.78	87	4.96	5633
V389539	83.9	6.65	4.21	89	6.93	2887
V389540	1.4	0.12	0.06	16	13.53	406
V389541	91.5	6.76	5.61	47	8.32	3686
V389542	89.3	7.70	2.98	54	7.31	3295
V389543	94.7	8.40	3.93	95	6.75	4358
V389544	99.4	8.30	4.45	93	5.34	4483
V389545	107	7.72	4.93	110	4.56	2405
V389546	82.6	7.49	5.07	93	4.38	2064
V389547	106	7.55	4.71	97	4.72	2288
V389548	100	7.11	5.17	51	6.45	2418
V389549	73.7	6.83	3.78	40	8.72	2124
V389550	>10000	>15.00	3.24	8	0.30	2782
V389551	53.6	7.71	3.41	64	8.54	3634
V389552	88.7	7.83	3.13	24	9.98	1671
V389553	78.8	7.54	3.04	40	10.31	1848

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389554	99.7	7.10	2.99	29	8.06	2682
V389555	135	6.92	3.21	43	7.46	2641
V389556	90.6	7.57	3.45	119	5.05	2004
V389557	76.4	6.67	4.90	74	3.96	2996
V389558	92.0	7.12	4.77	60	4.67	3706
V389559	39.2	6.10	3.01	35	4.39	9162
V389560	94.1	6.99	4.67	54	4.82	2979
V389561	72.6	6.36	4.50	51	4.64	2419
V389562	72.3	6.76	3.55	31	5.73	1617
V389563	60.7	5.44	4.01	73	4.94	2872
V389564	87.1	7.85	4.55	93	5.40	2621
V389565	<0.5	0.10	0.03	15	13.20	371
V389566	76.8	6.84	3.92	106	4.46	2586
V389567	46.4	5.20	2.46	76	5.41	3269
V389568	30.8	4.00	1.56	7	3.41	2409
V389569	62.4	5.86	3.93	69	4.38	3591
V389570	81.5	6.77	4.53	108	5.56	2854
V389571	90.8	7.71	3.81	88	6.79	2098
V389572	87.4	6.39	3.32	43	7.23	2998
V389573	84.2	6.98	3.47	108	5.43	3685
V389574	62.7	6.31	3.05	36	7.51	2553
V389575	92.4	7.26	3.51	86	7.01	2459
V389576	86.4	6.96	3.33	83	6.72	2339
V389577	88.0	7.36	4.01	106	4.99	2863
V389578	82.9	7.10	4.30	84	5.06	2810
V389579	69.8	7.81	3.99	51	5.70	2634
V389580	59.1	5.47	3.81	98	4.03	2927
V389581	63.4	7.68	4.54	77	5.91	3415
V389582	66.0	6.57	1.77	28	2.86	2554

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389583	88.4	8.79	5.01	89	7.32	3114
V389584	70.3	7.60	4.18	65	6.65	2727
V389585	3333	>15.00	5.55	12	0.71	5036
V389586	69.9	6.72	4.18	47	6.91	2694
V389587	93.2	8.25	4.60	51	5.47	3315
V389588	86.2	8.38	4.48	95	5.42	3239
V389589	61.4	8.54	4.58	111	5.72	3596
*Dup V389553	81.5	8.03	3.25	43	10.93	1960
*Rep V389526	231	10.13	4.92	101	5.08	3203
*Std OREAS 601	1007	2.45	2.33	21	0.37	458
*Blk BLANK	<0.5	0.01	<0.01	<1	<0.01	3
*Std OREAS 905	1521	4.01	2.58	20	0.27	355
*Blk BLANK	1.0	0.02	<0.01	<1	0.01	<2
*Std OREAS 601	975	2.40	2.10	22	0.37	457
*Rep V389564	84.9	7.73	4.45	91	5.28	2563
*Std OREAS 905	1503	3.95	2.65	21	0.28	359
*Std OREAS 601	990	2.43	2.13	21	0.38	467
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	5
*Std OREAS 905	1495	4.03	2.98	20	0.27	354

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389514	0.64	209	0.39	1.54	2002	1.54
V389515	0.16	217	0.54	2.67	2750	1.50
V389516	0.11	71	1.65	1.73	3004	0.49
V389517	0.26	122	0.45	1.10	3059	0.72

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389518	0.22	231	0.70	1.14	3480	0.93
V389519	0.42	190	0.35	1.46	2275	1.25
V389520	0.23	52	0.07	2.89	91.5	0.49
V389521	0.29	125	0.71	0.77	3153	0.76
V389522	0.29	126	0.74	0.64	2846	0.68
V389523	0.34	146	0.69	0.59	3041	0.87
V389524	0.22	193	0.58	1.51	3146	1.15
V389525	0.36	147	0.45	1.73	2116	1.58
V389526	0.36	150	0.45	1.72	2157	1.57
V389527	0.41	142	0.58	1.16	2210	1.68
V389528	1.43	273	0.54	0.75	3524	0.84
V389529	2.24	60	0.82	0.12	1493	0.37
V389530	0.51	163	0.73	0.86	2757	1.08
V389531	0.48	136	0.46	1.43	2504	0.97
V389532	0.48	190	0.53	1.51	3058	1.72
V389533	0.84	216	0.31	1.32	2336	1.56
V389534	0.37	190	0.58	2.27	4513	1.78
V389535	0.19	187	0.66	1.87	4432	1.27
V389536	0.44	169	0.64	2.32	3002	1.54
V389537	0.45	155	0.59	2.20	3599	1.67
V389538	0.44	154	0.36	3.57	2750	2.07
V389539	0.44	237	0.28	1.40	3284	1.05
V389540	0.04	1	<0.01	0.04	154	0.01
V389541	0.26	211	0.42	0.86	3192	1.22
V389542	1.67	161	0.46	0.53	2717	0.98
V389543	0.37	156	0.48	1.86	2164	1.32
V389544	0.26	147	0.71	1.76	4621	1.04
V389545	1.05	154	0.38	1.72	4035	1.29
V389546	1.32	139	0.45	1.37	2854	0.96

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389547	1.48	136	0.28	1.43	2372	1.11
V389548	0.56	152	0.57	1.02	4909	1.08
V389549	0.20	264	0.54	0.56	3573	1.01
V389550	0.14	75	0.07	3.52	225	0.27
V389551	0.25	274	0.47	1.17	3173	0.89
V389552	0.21	361	0.59	0.76	2577	1.23
V389553	0.27	360	0.40	0.98	2263	0.89
V389554	0.20	191	0.74	0.24	3898	0.99
V389555	0.22	175	0.85	0.46	4002	0.91
V389556	1.57	138	0.36	1.38	3493	0.97
V389557	1.07	91	0.36	1.29	4453	0.81
V389558	0.45	168	0.79	1.52	2387	0.76
V389559	0.20	38	1.50	1.09	2804	0.36
V389560	0.24	197	0.66	1.30	3320	0.94
V389561	0.25	133	0.63	0.93	3815	1.00
V389562	0.08	226	0.61	0.96	3855	1.14
V389563	0.13	128	0.58	0.82	9458	0.80
V389564	0.30	206	0.68	0.81	4801	0.90
V389565	0.03	1	<0.01	0.02	141	<0.01
V389566	0.33	131	0.70	0.85	>10000	0.79
V389567	0.17	106	1.19	1.23	5187	0.41
V389568	0.10	21	1.70	0.57	5266	0.20
V389569	0.21	101	1.10	1.03	3369	0.42
V389570	0.39	182	0.72	1.24	3869	0.94
V389571	0.52	225	0.60	0.80	2313	1.08
V389572	0.47	227	0.62	0.67	2727	0.63
V389573	0.80	146	0.55	1.21	3367	0.86
V389574	0.22	226	0.56	0.72	3667	1.01
V389575	1.25	227	0.36	1.42	1637	1.01

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389576	1.18	212	0.35	1.30	1568	0.97
V389577	1.66	135	0.29	1.47	925	0.89
V389578	1.19	140	0.46	1.27	3156	0.97
V389579	0.58	127	0.61	0.93	3844	1.23
V389580	0.88	90	0.53	1.16	6020	1.02
V389581	0.20	147	0.56	1.48	4729	0.98
V389582	0.22	128	3.75	1.48	>10000	0.32
V389583	0.37	266	0.76	0.89	5545	1.28
V389584	0.53	207	0.55	0.47	5519	1.32
V389585	0.22	50	0.07	2.71	96.2	0.47
V389586	0.34	189	0.48	0.50	5224	0.92
V389587	0.28	120	1.33	1.83	6133	0.37
V389588	0.83	145	1.00	1.44	3757	0.77
V389589	1.06	134	0.80	0.91	3561	1.12
*Dup V389553	0.30	376	0.43	1.03	2456	0.95
*Rep V389526	0.36	148	0.52	1.73	2168	1.78
*Std OREAS 601	1.44	27	0.04	1.09	222	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Std OREAS 905	2.45	11	0.03	0.07	159	0.12
*Blk BLANK	<0.01	<1	<0.01	<0.01	7.5	<0.01
*Std OREAS 601	1.41	26	0.05	1.07	230	0.17
*Rep V389564	0.29	202	0.73	0.83	4644	0.99
*Std OREAS 905	2.43	12	0.03	0.07	169	0.12
*Std OREAS 601	1.41	24	0.04	1.11	220	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.9	<0.01
*Std OREAS 905	2.40	12	0.03	0.07	155	0.12

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389514	431	173	223	<1	64.10	23
V389515	664	304	250	NR	186	27
V389516	455	125	228	<1	208	26
V389517	498	126	367	<1	97.00	19
V389518	267	191	244	<1	75.32	27
V389519	362	153	163	<1	23.41	10
V389520	94	27	189	2	90.11	571
V389521	333	109	149	<1	15.30	13
V389522	439	150	163	<1	32.23	10
V389523	496	132	92.8	<1	26.36	13
V389524	652	223	292	<1	202	27
V389525	423	199	222	<1	109	13
V389526	432	204	225	<1	126	19
V389527	434	131	292	<1	166	18
V389528	166	95	197	<1	12.07	21
V389529	90	95	278	<1	45.77	34
V389530	203	115	313	<1	12.20	26
V389531	413	96	225	<1	72.29	20
V389532	507	208	191	<1	53.26	16
V389533	492	168	180	NR	152	24
V389534	645	322	177	<1	62.28	24
V389535	379	173	236	<1	70.86	42
V389536	542	344	192	<1	93.72	30
V389537	519	248	254	<1	116	27
V389538	630	569	105	NR	168	42
V389539	440	126	241	<1	28.61	34
V389540	5	18	2.3	<1	0.36	4
V389541	418	2647	290	<1	28.28	41
V389542	249	181	367	NR	160	29

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389543	477	223	172	<1	487	21
V389544	502	262	274	<1	225	29
V389545	393	182	214	NR	100	19
V389546	263	150	188	<1	129	17
V389547	243	168	158	<1	73.45	12
V389548	306	129	222	<1	114	29
V389549	270	95	171	<1	26.41	59
V389550	80	28	113	2	290	715
V389551	289	128	149	<1	47.78	33
V389552	296	81	224	<1	21.13	24
V389553	249	91	153	<1	73.11	19
V389554	338	108	228	<1	8.37	26
V389555	398	108	308	<1	8.68	19
V389556	280	109	161	<1	49.09	15
V389557	258	123	150	<1	50.66	9
V389558	346	404	142	<1	106	21
V389559	297	476	37.0	<1	76.17	22
V389560	321	153	193	<1	96.39	24
V389561	304	138	199	<1	39.59	25
V389562	209	80	211	<1	16.81	21
V389563	201	127	141	<1	117	18
V389564	266	146	180	<1	84.61	20
V389565	4	20	1.7	<1	0.39	2
V389566	307	146	178	<1	89.26	22
V389567	320	115	117	<1	13.55	14
V389568	136	96	27.7	<1	8.05	8
V389569	367	158	80.4	<1	24.32	14
V389570	279	149	164	<1	107	17
V389571	293	118	208	<1	76.13	12

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 1 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389572	255	190	131	<1	227	17
V389573	303	198	166	<1	47.78	14
V389574	281	108	177	<1	24.94	14
V389575	313	102	177	<1	21.89	15
V389576	300	93	167	<1	19.66	14
V389577	268	143	126	<1	32.74	15
V389578	229	135	176	<1	62.33	19
V389579	302	190	227	<1	19.12	9
V389580	235	183	155	<1	30.13	9
V389581	272	312	382	<1	41.77	7
V389582	196	216	69.2	<1	9.38	19
V389583	235	288	149	<1	16.28	16
V389584	267	211	193	<1	36.88	15
V389585	90	26	187	2	91.73	607
V389586	230	154	226	<1	8.78	7
V389587	148	287	66.3	<1	28.42	11
V389588	217	264	119	<1	43.52	26
V389589	262	300	261	<1	33.24	15
*Dup V389553	274	96	181	<1	74.24	20
*Std OREAS 905	-	-	-	<1	3.37	35
*Rep V389526	422	199	249	<1	130	17
*Std OREAS 601	25	1251	155	50	4.22	281
*Blk BLANK	<2	2	<0.5	<1	0.10	<1
*Std OREAS 905	10	126	252	-	-	-
*Blk BLANK	<2	<1	<0.5	<1	0.06	<1
*Std OREAS 601	25	1218	154	48	4.06	285
*Rep V389564	270	141	177	<1	85.79	23
*Std OREAS 905	10	129	246	<1	3.47	32
*Std OREAS 601	26	1257	159	51	4.31	274

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<2	<1	<0.5	<1	<0.05	<1
*Std OREAS 905	9	128	250	<1	3.44	30

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389514	5.3	0.42	0.27	271	56.1	3
V389515	13.9	0.72	0.67	505	46.0	1
V389516	4.5	0.68	0.41	651	27.3	<1
V389517	8.2	0.41	0.24	>1000	33.8	1
V389518	8.0	0.40	0.42	>1000	42.8	2
V389519	8.4	0.18	0.19	234	54.9	3
V389520	0.8	11.79	0.09	179	651	<1
V389521	5.0	0.09	0.20	375	44.2	3
V389522	4.8	0.21	0.25	452	36.7	3
V389523	7.4	0.14	0.30	435	40.7	4
V389524	10.7	0.56	0.50	632	46.3	2
V389525	5.8	0.27	0.28	432	43.7	4
V389526	7.3	0.23	0.35	422	50.5	4
V389527	5.7	0.18	0.24	500	43.6	3
V389528	2.3	0.16	0.11	359	45.3	16
V389529	7.7	0.19	0.18	766	15.8	7
V389530	3.8	0.07	0.14	317	42.3	7
V389531	7.5	0.13	0.19	526	37.5	4
V389532	7.3	0.47	0.19	398	39.0	4
V389533	8.1	0.56	0.30	160	49.9	4
V389534	6.6	0.35	0.52	343	46.8	2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389535	8.7	0.66	0.38	653	43.4	3
V389536	6.3	0.44	0.81	481	50.3	2
V389537	8.5	0.59	0.29	463	43.0	1
V389538	6.5	1.32	1.13	952	45.3	1
V389539	31.4	0.46	0.23	349	49.0	2
V389540	0.1	<0.04	0.07	4.14	1.7	<1
V389541	19.0	2.20	1.17	403	46.4	2
V389542	8.9	0.67	0.48	737	35.8	2
V389543	8.0	1.50	0.84	707	38.4	2
V389544	11.2	1.43	0.88	632	38.8	2
V389545	6.4	2.14	0.59	605	43.3	3
V389546	5.3	2.51	0.31	341	37.9	3
V389547	5.9	0.39	0.31	403	37.0	3
V389548	9.0	0.52	0.39	776	43.3	7
V389549	12.3	0.68	0.21	436	54.7	2
V389550	0.5	11.99	0.22	134	867	<1
V389551	11.2	3.12	0.27	423	55.2	2
V389552	9.8	0.12	0.14	250	61.9	4
V389553	11.0	0.15	0.19	246	63.2	3
V389554	6.6	0.46	0.31	544	51.5	3
V389555	8.3	0.32	0.32	479	48.9	2
V389556	5.2	0.46	0.27	327	40.8	3
V389557	7.2	0.17	0.27	589	32.6	2
V389558	9.2	0.20	1.91	836	43.9	2
V389559	6.1	0.48	1.83	>1000	19.9	<1
V389560	15.3	0.14	0.36	463	49.2	2
V389561	16.2	0.13	0.25	391	35.3	2
V389562	11.0	0.08	0.11	323	44.3	3
V389563	7.8	0.56	0.58	924	30.2	3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389564	13.3	0.28	0.37	701	45.7	4
V389565	0.1	0.53	0.09	2.81	1.6	<1
V389566	10.4	0.61	0.75	806	36.5	4
V389567	6.9	0.21	0.35	752	26.5	<1
V389568	4.7	0.04	0.33	777	17.1	<1
V389569	5.6	0.12	0.43	769	31.1	2
V389570	6.6	0.20	0.50	616	39.6	3
V389571	5.7	0.12	0.26	291	48.2	4
V389572	5.5	0.29	0.59	780	45.3	4
V389573	6.4	0.70	0.52	921	40.8	3
V389574	7.4	0.12	0.25	677	45.6	2
V389575	10.7	0.16	0.26	435	47.9	2
V389576	10.0	0.15	0.24	400	44.1	2
V389577	7.3	0.16	0.31	188	39.7	3
V389578	7.1	0.28	0.43	519	41.6	3
V389579	5.8	0.26	0.48	594	42.2	2
V389580	6.3	0.45	0.59	882	29.5	3
V389581	5.4	0.29	0.73	>1000	43.6	5
V389582	4.3	0.30	0.90	>1000	37.7	3
V389583	7.2	0.14	0.51	863	48.7	6
V389584	5.6	0.24	0.40	771	43.8	4
V389585	0.8	12.01	0.09	195	759	3
V389586	5.1	0.39	0.36	681	43.6	4
V389587	3.5	0.35	1.29	>1000	51.2	8
V389588	7.9	0.66	0.95	>1000	48.4	8
V389589	9.2	0.40	0.79	>1000	38.6	7
*Dup V389553	12.0	0.17	0.20	265	72.0	4
*Std OREAS 905	3.5	5.32	0.36	86.94	15.8	7
*Rep V389526	5.8	0.29	0.30	455	43.2	4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 601	2.0	19.26	7.52	63.38	5.1	7
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Blk BLANK	<0.1	<0.04	<0.02	0.11	0.2	<1
*Std OREAS 601	2.3	19.24	7.42	63.23	5.2	7
*Rep V389564	13.3	0.27	0.36	670	45.5	4
*Std OREAS 905	3.4	5.56	0.35	93.80	15.3	7
*Std OREAS 601	2.5	19.11	7.89	61.49	5.6	8
*Blk BLANK	<0.1	<0.04	<0.02	0.09	<0.1	<1
*Std OREAS 905	3.3	5.21	0.34	89.99	15.1	8

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389514	NR	4.31	0.09	158	0.72	372
V389515	NR	3.93	0.12	259	1.76	412
V389516	NR	1.44	0.08	335	6.18	69.5
V389517	NR	3.88	0.09	791	2.36	34.2
V389518	NR	4.37	0.13	1852	0.89	187
V389519	NR	3.39	0.09	122	0.45	27.3
V389520	NR	5.29	0.22	214	0.49	10.5
V389521	NR	2.43	0.08	195	1.59	27.9
V389522	NR	1.90	0.08	245	2.65	35.2
V389523	NR	1.70	0.08	246	3.34	86.3
V389524	NR	4.02	0.09	365	2.92	138
V389525	NR	3.98	0.12	223	0.93	51.7
V389526	NR	5.46	0.15	207	0.95	208
V389527	NR	5.15	0.12	269	1.49	265

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389528	NR	3.76	0.06	205	0.43	177
V389529	NR	4.49	0.04	424	0.83	150
V389530	NR	6.04	0.07	160	0.43	182
V389531	NR	3.86	0.09	291	1.38	30.3
V389532	NR	4.55	0.10	231	0.80	230
V389533	NR	4.07	0.09	81.9	0.60	505
V389534	NR	4.45	0.11	176	0.81	263
V389535	NR	4.82	0.08	395	1.43	238
V389536	NR	3.97	0.14	257	0.89	196
V389537	NR	4.32	0.11	233	1.04	238
V389538	NR	2.41	0.14	416	1.18	900
V389539	NR	3.87	0.07	192	1.36	268
V389540	NR	0.05	<0.02	2.6	0.02	4.1
V389541	NR	5.75	0.47	218	0.52	206
V389542	NR	6.30	0.07	423	0.86	441
V389543	NR	2.91	0.10	412	1.32	176
V389544	NR	4.10	0.11	364	2.05	90.2
V389545	NR	3.83	0.07	381	0.88	477
V389546	NR	3.80	0.07	201	0.57	221
V389547	NR	3.52	0.07	214	0.56	334
V389548	NR	4.49	0.07	460	0.88	138
V389549	NR	1.97	0.06	239	0.63	90.4
V389550	NR	3.12	0.30	117	0.29	5.9
V389551	NR	1.37	0.08	243	1.17	30.6
V389552	NR	3.36	0.07	133	0.94	108
V389553	NR	1.82	0.06	128	0.41	33.5
V389554	NR	2.80	0.07	306	0.87	85.9
V389555	NR	3.02	0.07	271	1.38	109
V389556	NR	3.85	0.08	200	0.54	165

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389557	NR	3.10	0.07	335	0.76	219
V389558	NR	2.33	0.07	437	1.71	336
V389559	NR	0.57	0.08	1700	3.92	30.6
V389560	NR	3.78	0.08	248	0.71	70.0
V389561	NR	4.09	0.08	205	0.51	142
V389562	NR	4.69	0.06	168	0.24	210
V389563	NR	2.72	0.05	571	0.80	98.0
V389564	NR	3.01	0.07	426	0.61	65.7
V389565	NR	0.04	<0.02	1.8	0.01	0.4
V389566	NR	2.47	0.06	482	0.89	44.8
V389567	NR	0.55	0.06	409	1.46	130
V389568	NR	0.19	0.04	382	0.81	13.9
V389569	NR	0.87	0.06	391	1.84	32.4
V389570	NR	2.81	0.06	387	0.93	334
V389571	NR	4.18	0.07	151	0.61	268
V389572	NR	2.43	0.07	440	1.11	32.2
V389573	NR	3.52	0.08	546	1.16	367
V389574	NR	2.40	0.06	388	0.67	77.3
V389575	NR	4.27	0.08	247	0.60	223
V389576	NR	4.26	0.08	231	0.56	240
V389577	NR	3.24	0.09	105	0.45	168
V389578	NR	3.73	0.08	302	0.58	285
V389579	NR	4.20	0.08	337	0.60	168
V389580	NR	3.18	0.06	524	0.77	393
V389581	NR	4.13	0.07	584	1.08	46.3
V389582	NR	1.29	0.04	1934	2.11	139
V389583	NR	2.35	0.06	491	0.66	214
V389584	NR	4.07	0.06	458	0.68	173
V389585	NR	5.47	0.21	228	0.46	10.8

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389586	NR	4.29	0.07	422	0.65	41.7
V389587	NR	0.61	0.08	686	0.97	13.8
V389588	NR	1.69	0.06	659	1.10	165
V389589	NR	4.11	0.10	639	0.80	353
*Dup V389553	NR	2.46	0.07	140	0.45	41.0
*Std OREAS 905	NR	6.68	0.69	41.9	0.11	18.3
*Rep V389526	NR	6.26	0.13	234	0.97	193
*Std OREAS 601	NR	4.56	1.74	32.7	0.10	13.5
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	0.2
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	<0.1
*Std OREAS 601	NR	4.48	1.67	31.5	0.10	13.7
*Rep V389564	NR	2.63	0.07	406	0.58	61.6
*Std OREAS 905	NR	7.14	0.64	45.1	0.10	19.0
*Std OREAS 601	NR	4.58	1.86	31.2	0.10	14.0
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	0.1
*Std OREAS 905	NR	6.90	0.68	44.6	0.10	18.8

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389514	42.2	90.6	1.15	22.9	2	1.9
V389515	77.9	85.7	1.10	25.7	4	2.5
V389516	57.5	48.6	0.86	10.1	9	0.9
V389517	36.8	91.5	0.80	18.2	4	<0.3
V389518	51.2	65.9	1.95	22.3	2	1.3
V389519	26.4	96.2	0.27	26.1	<2	1.4
V389520	9.5	149	8.26	13.4	<2	9.4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389521	16.1	84.8	0.53	22.2	3	0.3
V389522	27.6	80.8	0.44	17.9	4	0.4
V389523	21.7	75.1	0.59	19.8	6	0.5
V389524	55.9	98.9	2.32	22.2	4	0.5
V389525	22.1	109	0.55	25.0	2	1.9
V389526	24.3	110	1.72	25.8	3	2.4
V389527	20.3	94.4	1.05	21.5	3	0.9
V389528	21.3	77.9	1.84	20.2	<2	1.3
V389529	18.6	92.3	1.24	6.8	2	0.6
V389530	11.7	119	0.90	24.9	<2	1.6
V389531	22.8	78.8	0.81	24.5	3	<0.3
V389532	35.4	159	0.69	24.9	2	0.9
V389533	64.3	116	0.86	26.5	<2	2.1
V389534	46.1	118	0.74	27.2	2	2.1
V389535	79.7	111	0.71	25.5	3	1.6
V389536	73.6	125	0.73	23.2	3	1.1
V389537	84.3	97.8	0.89	24.6	3	2.1
V389538	264	100	0.79	20.8	3	3.9
V389539	74.2	99.5	0.71	19.4	3	1.4
V389540	5.3	2.0	0.23	<0.5	<2	<0.3
V389541	3494	138	1.33	22.7	2	2.2
V389542	51.1	101	0.89	16.0	2	1.8
V389543	201	108	0.80	25.1	3	1.8
V389544	148	107	1.20	22.6	3	0.7
V389545	164	129	0.87	21.7	2	1.8
V389546	93.5	130	0.72	19.5	<2	1.3
V389547	57.1	109	0.91	20.1	<2	1.2
V389548	67.5	145	0.59	25.0	2	0.9
V389549	53.1	108	0.69	19.7	<2	1.4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389550	11.0	79.4	9.10	7.4	3	9.9
V389551	33.3	103	0.53	18.9	2	1.5
V389552	11.8	118	1.00	26.5	<2	1.8
V389553	12.2	107	0.69	23.1	<2	1.4
V389554	86.7	120	0.37	25.0	2	1.4
V389555	80.3	109	0.69	23.0	2	1.1
V389556	48.5	101	1.17	22.3	<2	1.7
V389557	28.8	114	1.01	16.7	2	1.4
V389558	35.8	92.5	1.86	13.7	3	1.2
V389559	87.1	48.3	2.01	8.0	7	1.3
V389560	24.4	117	1.29	23.3	2	0.9
V389561	26.7	123	1.33	24.4	<2	1.3
V389562	13.3	134	0.89	25.2	<2	1.5
V389563	199	119	0.66	16.0	2	1.1
V389564	75.2	145	0.88	19.5	2	0.9
V389565	59.2	1.1	0.27	<0.5	<2	<0.3
V389566	154	138	1.00	17.1	2	0.8
V389567	54.2	52.2	1.11	11.2	3	0.9
V389568	12.1	39.2	0.36	3.6	2	0.4
V389569	24.7	91.1	0.53	12.7	3	0.5
V389570	43.3	123	0.83	15.5	3	1.4
V389571	18.8	135	0.88	20.3	<2	1.6
V389572	63.7	101	1.12	18.7	2	0.3
V389573	39.2	108	0.95	19.7	3	1.6
V389574	22.2	108	0.51	19.7	2	1.3
V389575	17.8	105	0.91	21.8	<2	1.9
V389576	16.4	99.9	0.87	20.2	<2	1.7
V389577	17.2	107	0.96	21.3	<2	1.5
V389578	30.9	120	0.96	20.5	2	1.4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389579	48.7	124	0.33	17.1	2	1.8
V389580	55.5	118	0.51	11.2	3	1.7
V389581	60.4	202	0.43	18.5	3	0.4
V389582	25.8	110	0.22	7.4	9	1.9
V389583	26.2	247	0.51	20.7	3	2.0
V389584	39.4	181	0.39	21.5	2	2.4
V389585	8.1	167	8.56	14.9	<2	10.2
V389586	54.0	181	0.27	21.2	<2	0.6
V389587	39.3	257	0.28	8.8	4	0.6
V389588	48.5	244	0.66	14.6	3	0.7
V389589	32.9	245	0.37	20.6	3	2.2
*Dup V389553	13.9	126	0.68	25.8	<2	1.6
*Std OREAS 905	28.5	131	2.04	5.6	3	4.4
*Rep V389526	26.2	114	1.33	23.9	3	2.1
*Std OREAS 601	303	91.0	29.47	4.9	10	4.1
*Blk BLANK	0.9	<0.2	<0.05	<0.5	<2	<0.3
*Blk BLANK	<0.5	0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	300	95.5	29.97	5.1	10	4.1
*Rep V389564	73.4	148	0.94	20.0	2	1.5
*Std OREAS 905	27.9	125	1.95	5.6	2	4.1
*Std OREAS 601	305	92.1	32.45	5.0	10	4.4
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 905	28.6	132	1.97	5.3	2	4.3

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
---	---	---	--	--	---	--

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389514	7.20	2.16	0.35	30.0	1.74	4.43
V389515	2.44	5.79	0.53	113	0.45	6.47
V389516	1.22	15.24	0.34	165	0.26	22.92
V389517	0.14	5.60	0.20	126	0.41	11.95
V389518	5.05	3.59	0.24	110	0.34	7.61
V389519	0.73	1.87	0.07	24.7	0.39	3.00
V389520	0.84	0.96	1.86	11.8	0.57	20.88
V389521	0.58	3.96	0.15	43.1	0.38	7.14
V389522	0.44	6.65	0.14	89.6	0.23	8.10
V389523	0.72	9.42	0.12	118	0.34	7.08
V389524	0.28	6.28	0.30	136	0.43	8.88
V389525	1.00	3.31	0.07	73.3	0.77	2.36
V389526	3.58	3.20	0.24	83.3	0.69	2.30
V389527	2.32	3.79	0.17	51.9	0.53	5.39
V389528	7.74	1.73	0.22	22.7	2.34	4.58
V389529	8.11	3.67	0.17	69.6	1.10	21.14
V389530	9.96	1.92	0.12	24.7	0.57	7.25
V389531	0.10	3.76	0.25	56.2	0.86	11.78
V389532	0.40	2.74	0.28	54.4	1.29	2.00
V389533	5.39	1.37	0.30	19.6	0.95	2.33
V389534	2.85	2.57	0.27	49.7	1.46	3.27
V389535	6.64	3.93	0.32	78.8	0.83	9.60
V389536	0.78	4.13	0.35	65.2	0.83	3.89
V389537	2.93	4.18	0.35	112	0.81	4.83
V389538	3.04	4.29	0.74	161	0.60	5.08
V389539	3.97	3.30	0.21	60.4	0.75	6.03
V389540	<0.05	<0.05	<0.05	0.6	0.05	0.27
V389541	4.85	1.95	2.60	42.2	0.88	6.16
V389542	16.10	3.30	0.29	126	0.65	17.06

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389543	1.79	3.74	0.36	66.6	0.61	5.83
V389544	0.22	4.73	0.59	70.9	0.89	12.13
V389545	6.64	2.82	0.62	42.7	1.37	6.57
V389546	5.83	2.02	0.90	27.5	1.28	3.89
V389547	5.99	1.99	0.29	73.5	1.14	3.49
V389548	2.41	3.37	0.27	46.5	1.09	6.84
V389549	2.66	2.09	0.15	37.4	0.95	8.09
V389550	0.46	0.49	1.94	4.5	0.35	49.43
V389551	1.03	2.49	0.19	62.1	1.15	7.91
V389552	3.94	1.93	0.15	31.3	0.97	8.43
V389553	1.51	1.38	0.10	20.6	0.82	5.14
V389554	2.42	2.98	0.18	35.5	0.73	9.66
V389555	2.40	3.43	0.21	52.5	0.71	12.33
V389556	3.67	1.82	0.34	17.1	0.52	3.01
V389557	4.70	2.79	0.17	26.5	0.57	3.06
V389558	4.40	3.56	0.19	60.0	0.67	7.14
V389559	0.22	10.49	0.36	154	0.50	14.18
V389560	0.56	2.62	0.18	44.4	0.88	6.38
V389561	1.92	2.07	0.19	37.9	1.14	5.94
V389562	10.11	1.44	0.21	28.5	0.86	5.52
V389563	2.13	3.74	0.35	33.9	0.67	5.42
V389564	1.40	2.89	0.19	43.6	0.65	4.21
V389565	<0.05	<0.05	<0.05	0.2	0.07	0.43
V389566	0.82	3.46	0.35	40.7	0.61	6.97
V389567	3.12	3.91	0.28	43.3	0.45	16.12
V389568	0.72	4.08	0.12	45.3	0.36	18.09
V389569	0.39	4.78	0.16	52.2	0.53	10.92
V389570	6.30	2.90	0.25	35.8	0.56	6.75
V389571	6.96	1.96	0.20	22.7	0.72	5.01

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389572	0.58	3.03	0.31	37.2	0.75	7.65
V389573	4.80	3.76	0.25	52.9	0.64	5.29
V389574	2.14	2.92	0.12	35.8	0.67	6.73
V389575	5.32	1.89	0.19	24.7	0.61	2.89
V389576	5.93	1.81	0.19	23.3	0.59	2.73
V389577	3.32	1.18	0.21	12.2	0.60	0.56
V389578	4.80	2.23	0.25	30.0	0.65	3.46
V389579	3.51	3.04	0.15	59.1	0.55	5.88
V389580	6.22	3.46	0.30	48.7	0.45	2.12
V389581	0.41	4.82	0.22	105	0.54	12.88
V389582	3.48	17.05	0.31	302	0.20	48.58
V389583	3.84	3.84	0.20	109	0.55	5.77
V389584	6.01	3.06	0.16	39.5	0.50	4.21
V389585	0.79	0.91	2.02	11.5	0.52	19.62
V389586	1.10	2.98	0.19	25.5	0.59	3.62
V389587	0.10	6.51	0.22	130	0.55	17.37
V389588	0.73	5.13	0.27	184	0.67	28.29
V389589	3.94	4.29	0.18	114	0.71	5.56
*Dup V389553	1.75	1.48	0.11	22.5	0.90	5.33
*Std OREAS 905	1.37	0.81	0.08	14.6	0.70	4.90
*Rep V389526	3.36	3.46	0.18	86.9	0.76	2.47
*Std OREAS 601	1.04	0.57	14.40	10.8	1.21	3.74
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.94	0.53	14.45	10.5	1.09	3.74
*Rep V389564	1.24	2.69	0.19	42.3	0.64	4.09
*Std OREAS 905	1.34	0.78	0.08	13.8	0.67	4.81
*Std OREAS 601	1.02	0.57	16.18	10.9	1.18	3.97
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	1.42	0.84	0.08	13.8	0.71	4.79

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389514	13.6	56.0	4.6
V389515	15.0	148	11.4
V389516	5.3	531	41.5
V389517	7.6	180	15.3
V389518	16.2	58.0	5.1
V389519	4.5	39.1	2.9
V389520	121	27.2	2.9
V389521	4.4	113	10.4
V389522	5.3	202	17.6
V389523	8.4	305	23.0
V389524	28.9	219	18.8
V389525	6.6	75.7	6.0
V389526	16.1	82.7	6.2
V389527	15.4	102	9.2
V389528	16.3	35.7	2.7
V389529	21.8	75.3	5.3
V389530	5.6	37.1	2.6
V389531	13.0	98.5	8.6
V389532	14.7	63.5	5.1
V389533	15.3	33.8	3.5
V389534	9.5	59.8	5.0
V389535	15.1	108	9.2
V389536	10.6	88.8	5.9

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389537	11.0	84.2	6.4
V389538	9.2	87.7	7.4
V389539	12.3	97.2	8.6
V389540	0.4	0.9	<0.1
V389541	10.5	40.0	3.2
V389542	17.8	70.3	5.7
V389543	10.2	101	8.8
V389544	13.7	144	13.0
V389545	19.5	68.9	5.7
V389546	9.5	49.8	3.7
V389547	10.5	42.9	3.6
V389548	8.6	80.3	5.9
V389549	4.4	52.9	4.2
V389550	119	16.5	1.8
V389551	7.9	90.6	8.0
V389552	5.1	66.0	6.2
V389553	4.4	33.2	2.6
V389554	6.3	83.1	6.0
V389555	4.6	110	9.3
V389556	6.7	51.3	3.6
V389557	7.9	75.4	5.3
V389558	9.9	114	10.8
V389559	5.7	350	27.2
V389560	6.5	69.2	4.8
V389561	7.8	46.2	3.3
V389562	7.1	27.4	1.5
V389563	6.7	99.9	6.1
V389564	4.8	66.7	4.3
V389565	0.3	0.8	<0.1
V389566	8.2	95.1	6.6
V389567	4.0	105	9.5

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389568	1.4	85.3	5.6
V389569	1.9	149	12.4
V389570	6.5	86.9	6.4
V389571	6.3	56.0	4.1
V389572	7.4	86.7	7.2
V389573	15.7	109	8.2
V389574	8.5	71.7	4.6
V389575	8.3	48.0	3.8
V389576	8.4	46.0	3.6
V389577	3.8	31.8	2.6
V389578	10.1	59.4	4.1
V389579	5.4	68.1	4.2
V389580	13.8	93.2	5.8
V389581	9.5	126	8.4
V389582	1.5	381	19.3
V389583	3.8	93.9	5.4
V389584	4.8	83.9	5.1
V389585	142	31.5	3.0
V389586	4.0	68.7	4.6
V389587	2.3	141	8.0
V389588	6.2	113	7.6
V389589	4.7	94.8	5.9
*Dup V389553	4.4	38.4	2.9
*Std OREAS 905	2.7	16.4	0.7
*Rep V389526	16.7	77.9	6.2
*Std OREAS 601	5.7	11.3	0.6
*Blk BLANK	<0.1	<0.1	<0.1
*Blk BLANK	<0.1	0.1	<0.1
*Std OREAS 601	5.7	11.5	0.6
*Rep V389564	4.9	66.8	4.1
*Std OREAS 905	2.7	15.6	0.6

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



Order Number PO#
Submission Number *SD* VR RESOURCES/ H-K, HK20-
002, Batch 05/ 88 Core (1-76)
Number of Samples 76

ANALYSIS REPORT BBM20-05450

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 601	5.8	11.7	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 905	2.7	15.8	0.6

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05451

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	06-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, HK20-002, Batch 05/ 88 Core (77-88)	Date Analysed	06-Nov-2020 - 30-Nov-2020
Number of Samples	12	Date Completed	30-Nov-2020
		SGS Order Number	BBM20-05451

Methods Summary		
<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
12	G_WGH_KG	Weight of samples received
12	G_PRP	Combined Sample Preparation
12	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
12	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
12	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
12	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ag and Ga interference observed.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389590	2.73	<5	5.54	3627	8.66	149
V389591	2.28	<5	4.91	3214	9.20	212
V389592	2.56	<5	6.11	2546	8.34	114
V389593	2.34	<5	5.57	2948	8.97	91
V389594	2.28	10	5.06	2908	12.59	66
V389595	2.73	<5	6.50	1016	9.17	49
V389596	2.17	<5	7.08	2360	7.20	77
V389597	2.37	8	6.34	2345	8.76	105
V389598	2.54	26	5.38	806	6.75	200
V389599	2.29	<5	6.17	604	8.44	75
V389600	2.61	<5	5.96	2632	8.05	176
V389601	2.36	<5	6.21	1523	8.57	106
*Blk BLANK	-	<5	-	-	-	-
*Rep V389601	-	<5	-	-	-	-
*Std SL76	-	5720	-	-	-	-
*Rep V389590	-	-	5.57	3677	8.59	104
*Std OREAS 601	-	-	6.29	864	1.26	29
*Blk BLANK	-	-	<0.01	<1	<0.01	<1
*Std OREAS 905	-	-	7.37	2628	0.58	16

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389590	87.0	8.68	3.60	70	5.52	3006
V389591	81.4	8.98	3.89	73	5.20	3831
V389592	83.5	8.38	3.37	70	4.94	3086
V389593	63.4	7.65	3.62	85	5.23	3313

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389594	62.3	6.59	3.28	79	4.21	3082
V389595	90.9	7.97	3.05	86	3.99	3429
V389596	56.5	8.23	3.61	58	4.80	4074
V389597	67.7	8.26	3.18	53	4.58	3983
V389598	86.2	9.99	5.09	102	6.58	3836
V389599	53.4	7.03	3.25	38	3.73	3887
V389600	85.1	9.67	3.50	54	5.44	3770
V389601	90.0	8.54	2.94	70	4.99	2894
*Rep V389590	84.8	8.53	3.35	70	5.56	3014
*Std OREAS 601	990	2.43	2.13	21	0.38	467
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	5
*Std OREAS 905	1495	4.03	2.98	20	0.27	354

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389590	1.25	164	0.86	0.61	3211	1.03
V389591	1.07	129	0.80	0.72	5012	0.84
V389592	1.82	116	0.63	0.67	3218	1.07
V389593	1.26	120	0.88	0.72	3878	0.65
V389594	1.01	74	0.73	1.13	7043	0.51
V389595	1.81	79	1.04	2.01	4458	0.76
V389596	1.76	79	0.63	1.18	3895	0.99
V389597	1.66	91	0.73	1.13	3691	1.10
V389598	0.86	177	0.63	1.27	3000	1.28
V389599	1.84	57	0.46	1.48	2700	0.68
V389600	1.48	125	0.69	1.06	2961	1.26

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389601	1.44	112	0.47	1.52	2219	1.35
*Rep V389590	1.25	164	0.65	0.46	3256	0.71
*Std OREAS 601	1.41	24	0.04	1.11	220	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	0.9	<0.01
*Std OREAS 905	2.40	12	0.03	0.07	155	0.12

Element	@V	@Zn	@Zr	@Ag	@Mo	@As
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389590	210	268	171	<1	17.56	15
V389591	230	324	152	<1	19.24	7
V389592	215	258	183	<1	25.58	8
V389593	189	264	152	<1	35.69	13
V389594	142	269	102	<1	24.19	9
V389595	187	206	160	<1	23.84	12
V389596	185	272	228	-	11.67	8
V389597	237	274	265	<1	13.82	10
V389598	242	373	138	<1	25.01	8
V389599	306	208	182	<1	27.21	7
V389600	286	341	263	<1	14.39	7
V389601	317	205	223	<1	11.51	8
*Rep V389590	202	266	142	-	-	-
*Std OREAS 601	26	1257	159	51	4.31	274
*Blk BLANK	<2	<1	<0.5	<1	<0.05	<1
*Std OREAS 905	9	128	250	<1	3.44	30
*Rep V389590	-	-	-	<1	16.58	16

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389590	7.7	0.21	0.53	889	41.0	8
V389591	8.2	0.57	0.71	>1000	39.6	8
V389592	8.5	0.14	0.50	671	37.2	6
V389593	8.4	0.25	0.63	>1000	36.5	8
V389594	7.7	0.23	1.06	>1000	35.4	7
V389595	10.1	0.35	1.19	>1000	48.9	4
V389596	11.1	0.21	0.79	>1000	35.6	5
V389597	9.7	0.16	0.80	>1000	35.6	5
V389598	6.5	0.22	0.85	>1000	44.7	11
V389599	9.1	0.55	0.92	631	34.8	4
V389600	7.8	0.44	0.71	773	39.2	7
V389601	8.9	0.21	0.73	577	42.9	3
*Std OREAS 601	2.5	19.11	7.89	61.49	5.6	8
*Blk BLANK	<0.1	<0.04	<0.02	0.09	<0.1	<1
*Std OREAS 905	3.3	5.21	0.34	89.99	15.1	8
*Rep V389590	8.6	0.22	0.52	912	44.2	7

Element	@Hf	@In	@La	@Lu	@Nb	@Pb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.1	0.5
Upper Limit	500	500	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389590	3.30	0.07	480	0.67	191	25.1
V389591	2.31	0.07	533	0.86	85.9	103
V389592	3.66	0.07	356	0.63	285	17.0
V389593	2.74	0.06	604	0.84	92.3	30.1
V389594	1.75	0.05	663	0.88	48.4	35.8
V389595	2.95	0.08	746	0.89	502	28.2
V389596	4.13	0.08	614	0.74	727	25.3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Hf	@In	@La	@Lu	@Nb	@Pb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.1	0.5
Upper Limit	500	500	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389597	4.90	0.07	719	0.82	348	18.3
V389598	3.18	0.06	590	0.64	395	24.2
V389599	3.29	0.11	339	0.90	440	28.6
V389600	4.52	0.08	415	0.75	222	49.4
V389601	4.76	0.11	337	0.70	219	22.0
*Std OREAS 601	4.58	1.86	31.2	0.10	14.0	305
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	0.1	<0.5
*Std OREAS 905	6.90	0.68	44.6	0.10	18.8	28.6
*Rep V389590	3.15	0.07	510	0.69	228	23.5

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389590	193	0.44	20.4	3	2.2	3.96
V389591	223	0.39	18.0	3	1.3	1.11
V389592	174	0.55	19.5	2	2.4	5.39
V389593	245	0.47	17.6	3	0.8	0.61
V389594	207	0.36	9.4	3	0.4	0.09
V389595	139	0.60	11.1	3	1.6	5.64
V389596	182	0.49	12.8	3	2.1	11.01
V389597	155	0.42	18.4	3	2.6	2.65
V389598	334	0.25	18.4	3	1.6	3.55
V389599	131	0.49	16.1	2	2.6	5.93
V389600	193	0.31	21.3	3	2.8	3.94
V389601	110	0.50	21.3	2	2.1	3.43
*Std OREAS 601	92.1	32.45	5.0	10	4.4	1.02
*Blk BLANK	<0.2	<0.05	<0.5	<2	<0.3	<0.05

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 05/ 88 Core (77-88)
 Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Rb	@Sb	@Sc	@Se	@Sn	@Ta
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.2	0.05	0.5	2	0.3	0.05
Upper Limit	10,000	10,000	10,000	1,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	132	1.97	5.3	2	4.3	1.42
*Rep V389590	196	0.47	22.0	4	2.2	3.86

Element	@Tb	@Te	@Th	@Tl	@U	@W
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.2	0.02	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389590	4.21	0.11	67.0	0.49	3.28	4.6
V389591	4.88	0.19	106	0.50	7.47	2.4
V389592	3.22	0.13	53.2	0.43	3.60	3.2
V389593	4.88	0.18	82.2	0.60	3.43	4.0
V389594	4.89	0.21	68.6	0.41	1.72	3.7
V389595	5.21	0.25	104	0.36	1.22	6.7
V389596	4.07	0.19	102	0.42	2.90	5.0
V389597	4.88	0.15	91.3	0.38	2.12	4.1
V389598	3.95	0.17	82.2	0.63	1.84	2.6
V389599	3.05	0.24	62.6	0.31	3.62	7.0
V389600	3.95	0.17	81.5	0.33	4.56	3.8
V389601	2.63	0.14	33.4	0.24	2.22	6.3
*Std OREAS 601	0.57	16.18	10.9	1.18	3.97	5.8
*Blk BLANK	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1
*Std OREAS 905	0.84	0.08	13.8	0.71	4.79	2.7
*Rep V389590	4.27	0.13	71.8	0.48	3.48	4.6

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



Order Number PO#
Submission Number *SD* VR RESOURCES/ H-K, HK20-
002, Batch 05/ 88 Core (77-88)
Number of Samples 12

ANALYSIS REPORT BBM20-05451

Element	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1
Upper Limit	10,000	1,000
Unit	ppm m / m	ppm m / m
V389590	91.3	5.2
V389591	105	6.5
V389592	69.0	4.5
V389593	107	6.3
V389594	107	6.7
V389595	110	6.6
V389596	81.0	5.3
V389597	95.6	6.2
V389598	79.8	4.8
V389599	66.2	5.5
V389600	83.0	5.4
V389601	64.4	4.6
*Std OREAS 601	11.7	0.7
*Blk BLANK	<0.1	<0.1
*Std OREAS 905	15.8	0.6
*Rep V389590	98.6	5.4

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05453

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Submission Number	*SD* VR RESOURCES/ H-K, hk20-002, batch 06/ 60 Core	Date Received	06-Nov-2020
Number of Samples	60	Date Analysed	09-Nov-2020 - 01-Dec-2020
		Date Completed	01-Dec-2020
		SGS Order Number	BBM20-05453

Methods Summary

Number of Sample	Method Code	Description
60	G_WGH_KG	Weight of samples received
60	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
60	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
60	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
60	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ga is marked as NR due to interference in Ag

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

1-Dec-2020 2:01PM BBM_U0005012554

Page 1 of 24

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389602	2.36	<5	4.85	3773	7.34	206
V389603	2.26	<5	3.46	3091	14.10	110
V389604	2.91	5	5.53	2372	8.55	169
V389605	2.37	<5	5.90	2394	9.73	175
V389606	2.31	<5	5.97	1366	8.39	123
V389607	2.60	<5	4.20	3313	9.46	188
V389608	2.45	<5	5.12	2705	6.98	254
V389609	2.22	6	5.08	4143	6.66	200
V389610	0.06	771	3.17	264	2.79	36
V389611	3.39	5	3.59	2679	10.23	405
V389612	3.14	44	4.95	1308	10.26	79
V389613	1.69	<5	5.32	989	8.62	120
V389614	1.47	5	4.50	1187	10.59	122
V389615	2.42	7	5.48	1064	9.37	137
V389616	2.33	14	6.10	1257	9.02	87
V389617	2.70	<5	6.06	1203	8.74	182
V389618	2.19	11	4.35	1280	9.49	159
V389619	2.46	6	5.49	884	8.53	111
V389620	1.91	6	3.06	1384	14.71	87
V389621	3.42	<5	0.13	1332	>15.00	5
V389622	2.58	8	3.11	1183	14.06	180
V389623	1.26	18	2.89	1831	11.73	174
V389624	1.96	16	3.29	1767	12.90	184
V389625	1.68	<5	2.57	1254	>15.00	240
V389626	-	<5	2.54	1228	>15.00	217
V389627	1.55	<5	3.77	1076	13.17	204
V389628	1.61	<5	3.58	1231	13.62	263
V389629	1.32	<5	3.78	1817	13.48	215
V389630	1.05	<5	0.05	400	>15.00	3
V389631	2.25	<5	4.50	2042	10.92	142

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389632	2.08	6	4.26	2958	11.13	191
V389633	2.66	<5	3.18	1125	13.06	111
V389634	1.97	<5	1.90	2504	>15.00	51
V389635	1.29	7	3.29	2650	12.14	75
V389636	0.86	<5	1.54	3031	>15.00	58
V389637	3.21	<5	3.25	2974	12.37	220
V389638	2.22	<5	2.95	1932	14.87	82
V389639	2.67	<5	5.35	2458	9.60	121
V389640	2.46	8	5.03	3895	9.23	98
V389641	2.33	<5	4.15	3070	10.73	113
V389642	2.19	<5	3.86	2620	12.65	112
V389643	2.57	<5	4.02	3612	11.10	131
V389644	2.40	<5	5.53	1349	9.62	86
V389645	2.28	<5	3.58	2221	13.85	169
V389646	2.52	7	2.74	2140	14.40	222
V389647	2.15	<5	3.78	2053	10.83	173
V389648	2.36	<5	4.38	1306	8.93	130
V389649	2.33	<5	3.97	2765	11.70	139
V389650	0.06	180	5.04	603	1.92	36
V389651	2.19	5	5.06	3120	11.36	114
V389652	2.23	<5	4.91	2538	11.29	157
V389653	2.66	7	4.98	2981	10.14	148
V389654	2.38	<5	5.41	3654	9.62	151
V389655	2.63	<5	5.49	4178	11.42	127
V389656	2.31	7	6.01	1126	10.24	152
V389657	2.39	<5	5.19	2587	10.21	219
V389658	2.40	<5	3.55	2099	8.76	145
V389659	2.69	<5	5.93	3616	9.13	155
V389660	2.23	<5	3.62	2662	14.55	70
V389661	2.41	5	3.84	3235	12.31	186

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	Wtkg	@Au	@Al	@Ba	@Ca	@Cr
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Dup V389640	-	6	4.97	3220	9.20	104
*Blk BLANK	-	-	<0.01	<1	0.02	<1
*Rep V389657	-	-	5.19	2149	9.90	204
*Std OREAS 905	-	-	6.88	2566	0.55	12
*Rep V389603	-	-	3.46	3114	14.38	83
*Std OREAS 601	-	-	6.13	1288	1.21	34
*Blk BLANK	-	-	<0.01	<1	0.02	1
*Std OREAS 905	-	-	7.00	2529	0.54	16
*Rep V389623	-	20	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std oreas235	-	1500	-	-	-	-
*Rep V389636	-	<5	-	-	-	-
*Rep V389658	-	6	-	-	-	-
*Std GS-9B	-	9060	-	-	-	-
*Std SL76	-	5650	-	-	-	-
*Blk BLANK	-	5	-	-	-	-
*Blk BLANK	-	-	0.01	2	<0.01	<1
*Std OREAS 601	-	-	6.38	1890	1.24	37

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389602	83.4	10.41	4.36	76	6.65	4170
V389603	81.6	7.08	2.40	51	4.22	3183
V389604	99.6	8.67	2.39	65	5.44	3054
V389605	105	7.54	2.12	46	4.66	2100
V389606	98.9	7.93	1.78	72	4.55	2775
V389607	108	9.13	2.17	64	5.49	4127

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389608	94.6	9.20	3.95	75	6.09	3881
V389609	94.7	9.37	4.32	101	6.19	3821
V389610	>10000	>15.00	3.24	8	0.31	2750
V389611	60.8	10.61	1.92	57	4.72	4987
V389612	94.3	7.72	1.70	76	4.14	2973
V389613	91.2	8.87	1.94	74	4.51	3440
V389614	90.0	8.50	1.69	58	4.25	4407
V389615	118	8.23	1.70	67	3.94	3683
V389616	104	7.81	1.59	56	3.91	3664
V389617	58.1	8.44	1.58	71	4.33	3745
V389618	71.4	9.91	1.55	65	4.53	4718
V389619	87.6	7.65	1.70	76	4.77	2988
V389620	73.1	6.95	2.04	55	3.91	3170
V389621	38.1	2.19	0.13	3	0.39	1508
V389622	59.5	7.32	1.50	45	3.26	3704
V389623	38.1	8.22	1.79	69	5.07	1872
V389624	59.2	8.99	1.82	76	5.42	1764
V389625	37.1	6.45	1.58	45	4.32	1518
V389626	36.3	6.46	1.53	44	4.30	1510
V389627	54.6	7.37	1.65	61	5.16	1469
V389628	38.8	7.15	2.11	47	5.20	1512
V389629	38.5	6.57	2.22	46	4.70	1484
V389630	2.0	0.13	0.03	18	13.02	401
V389631	79.8	7.17	2.13	60	5.32	1486
V389632	78.8	7.78	2.98	44	5.73	2596
V389633	96.1	7.90	3.27	56	4.76	3702
V389634	49.4	6.27	1.85	32	3.19	5092
V389635	97.2	9.49	2.78	71	5.06	2960
V389636	50.2	5.07	1.49	26	3.13	5273
V389637	74.7	7.37	2.60	32	6.42	3295

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389638	115	6.98	2.69	52	4.36	3156
V389639	46.6	9.47	2.85	71	4.97	2541
V389640	112	9.25	3.81	101	5.22	2720
V389641	128	9.39	3.60	83	5.18	2993
V389642	73.5	8.30	3.23	56	4.62	2920
V389643	88.0	9.06	3.59	59	5.38	2615
V389644	108	8.02	2.92	80	4.53	2029
V389645	131	7.80	3.09	27	5.37	2220
V389646	77.2	7.91	3.24	12	6.47	2289
V389647	92.4	9.35	3.38	41	6.24	2237
V389648	129	8.53	2.05	49	3.93	3069
V389649	93.2	7.47	3.45	48	5.17	3709
V389650	3289	>15.00	5.53	12	0.71	5018
V389651	93.1	7.27	2.96	80	4.26	2186
V389652	74.2	6.80	3.40	81	4.78	2349
V389653	93.6	7.84	3.51	81	4.87	2809
V389654	200	8.14	4.07	80	5.22	2349
V389655	74.9	7.41	3.16	82	3.80	2265
V389656	91.6	7.81	2.96	74	4.06	1690
V389657	79.9	7.02	4.03	86	6.23	1873
V389658	64.7	6.19	2.92	76	4.23	2809
V389659	90.9	8.50	2.94	98	5.21	1704
V389660	71.4	7.23	2.76	62	3.84	3376
V389661	57.2	6.08	4.80	71	7.01	2066
*Dup V389640	107	9.42	3.74	100	5.27	2755
*Blk BLANK	<0.5	0.01	<0.01	<1	<0.01	<2
*Rep V389657	77.5	7.04	3.86	84	6.21	1854
*Std OREAS 905	1466	3.97	2.92	20	0.26	341
*Rep V389603	81.8	7.04	2.84	52	4.24	3205
*Std OREAS 601	996	2.38	2.08	21	0.37	474

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
*Blk BLANK	<0.5	0.01	<0.01	<1	<0.01	<2
*Std OREAS 905	1449	3.85	2.14	20	0.27	349
*Blk BLANK	0.6	0.02	<0.01	<1	0.01	<2
*Std OREAS 601	957	2.43	2.15	21	0.38	453

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389602	0.67	183	0.81	1.01	3661	1.07
V389603	0.72	107	1.24	1.27	>10000	0.48
V389604	1.39	147	0.59	1.16	3577	1.05
V389605	1.73	145	0.47	1.14	6068	0.95
V389606	1.74	139	0.39	1.10	3002	0.92
V389607	0.78	209	0.93	0.77	4750	0.50
V389608	1.13	143	0.53	0.72	3113	1.52
V389609	0.95	181	0.63	0.75	3312	1.32
V389610	0.13	73	0.07	3.50	159	0.25
V389611	1.08	188	0.80	0.74	5426	1.14
V389612	1.75	142	1.14	1.37	3204	0.53
V389613	1.78	131	0.70	1.58	2316	0.83
V389614	1.63	148	1.34	1.45	3890	0.57
V389615	1.95	158	1.04	1.72	3722	0.80
V389616	2.41	138	0.41	1.33	3237	0.84
V389617	1.90	155	0.55	0.77	3082	1.03
V389618	1.32	129	0.90	0.62	3571	0.66
V389619	1.79	140	0.57	1.20	2501	0.77
V389620	0.78	85	2.24	1.98	6991	0.33
V389621	0.14	28	4.64	0.80	>10000	0.07

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389622	1.21	94	2.73	0.38	7139	0.08
V389623	0.05	124	0.92	0.02	1196	0.92
V389624	0.06	136	0.71	0.02	2041	1.39
V389625	0.07	98	0.76	0.02	3387	0.81
V389626	0.07	98	0.77	0.02	3415	0.79
V389627	0.13	130	0.58	0.05	2424	0.96
V389628	0.08	120	0.74	0.02	2880	1.03
V389629	0.30	94	0.67	0.16	2990	1.00
V389630	0.03	1	<0.01	0.03	132	<0.01
V389631	0.47	93	0.52	0.44	2372	1.12
V389632	0.70	145	0.60	1.47	5429	1.36
V389633	0.37	99	0.56	1.67	5776	1.25
V389634	0.34	51	1.09	1.54	>10000	0.61
V389635	0.39	81	0.68	1.01	4946	1.54
V389636	0.10	61	0.31	1.24	8451	0.67
V389637	0.50	188	0.44	0.64	7421	1.05
V389638	0.47	85	0.72	1.57	6639	0.59
V389639	1.25	73	0.56	0.92	2632	1.66
V389640	0.84	85	0.59	0.99	3039	1.66
V389641	0.71	101	0.50	0.83	2984	1.65
V389642	0.67	82	0.67	1.78	4235	1.46
V389643	0.65	97	0.60	1.32	3135	1.27
V389644	1.45	131	0.64	1.72	3039	1.21
V389645	0.68	140	0.86	0.69	3012	1.11
V389646	0.36	167	1.18	0.29	2892	1.02
V389647	0.63	146	0.68	0.78	2029	1.68
V389648	0.42	117	0.51	1.10	1312	1.64
V389649	0.33	154	0.51	1.37	5309	1.39
V389650	0.22	51	0.07	2.79	94.8	0.47
V389651	1.01	77	0.53	0.79	3166	1.08

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389652	1.01	166	0.39	0.98	2915	0.98
V389653	0.74	122	0.45	1.11	3484	1.36
V389654	0.94	148	0.49	0.99	3109	1.46
V389655	1.32	76	0.39	1.11	3623	1.06
V389656	1.59	106	0.42	1.71	2589	1.10
V389657	0.85	240	0.49	1.25	3227	1.09
V389658	0.56	141	0.41	1.17	5305	0.90
V389659	1.25	118	0.42	0.69	3101	1.43
V389660	0.62	76	0.54	1.01	9103	1.13
V389661	0.16	169	0.67	0.97	7463	0.90
*Dup V389640	0.84	88	0.57	1.05	3012	1.63
*Blk BLANK	<0.01	<1	<0.01	<0.01	5.7	<0.01
*Rep V389657	0.85	234	0.49	1.24	3227	1.08
*Std OREAS 905	2.34	11	0.03	0.07	154	0.11
*Rep V389603	0.72	107	1.15	1.27	>10000	0.41
*Std OREAS 601	1.37	23	0.05	1.08	229	0.17
*Blk BLANK	<0.01	<1	<0.01	<0.01	8.7	<0.01
*Std OREAS 905	2.21	10	0.03	0.07	153	0.11
*Blk BLANK	<0.01	<1	<0.01	<0.01	6.7	<0.01
*Std OREAS 601	1.42	26	0.04	1.07	226	0.17

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389602	266	374	337	<1	10.07	10
V389603	168	224	105	<1	11.10	9
V389604	236	221	193	<1	8.35	9
V389605	237	128	194	<1	13.66	14

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 1 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389606	214	153	165	<1	9.92	10
V389607	236	348	135	<1	13.11	10
V389608	226	366	242	<1	12.94	7
V389609	224	361	219	<1	14.71	9
V389610	87	27	107	3	275	762
V389611	314	459	193	<1	22.25	7
V389612	195	203	186	<1	24.67	12
V389613	241	259	225	-	29.53	12
V389614	246	298	189	<1	15.06	11
V389615	232	211	207	<1	11.26	10
V389616	214	208	174	-	16.29	10
V389617	219	283	221	<1	20.29	11
V389618	297	402	183	<1	23.31	9
V389619	246	185	159	-	16.61	10
V389620	174	189	132	<1	41.18	14
V389621	48	58	11.0	<1	10.79	17
V389622	219	313	32.5	<1	11.71	17
V389623	286	118	130	<1	4.12	12
V389624	355	134	184	<1	5.72	12
V389625	246	84	126	<1	3.71	7
V389626	246	83	124	<1	4.03	8
V389627	262	88	148	<1	3.68	12
V389628	203	102	159	<1	2.86	13
V389629	249	108	444	<1	18.66	28
V389630	5	101	2.6	<1	0.51	3
V389631	320	88	316	<1	26.34	17
V389632	318	237	164	<1	54.93	22
V389633	439	144	139	<1	159	26
V389634	272	430	50.9	<1	57.24	16
V389635	508	162	125	<1	371	15

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389636	190	246	71.1	<1	118	20
V389637	275	735	139	<1	28.31	12
V389638	373	305	87.1	<1	22.89	9
V389639	337	160	219	<1	36.21	8
V389640	404	159	176	<1	41.35	11
V389641	440	237	178	<1	34.79	14
V389642	397	368	183	<1	88.26	17
V389643	378	185	179	<1	96.88	13
V389644	268	257	196	<1	81.32	24
V389645	264	173	259	<1	29.03	10
V389646	256	165	313	<1	10.05	13
V389647	376	198	253	<1	39.47	10
V389648	375	38	196	<1	55.23	19
V389649	290	235	170	<1	91.06	28
V389650	93	27	190	2	89.62	608
V389651	290	94	175	<1	69.12	21
V389652	215	1423	164	<1	121	33
V389653	332	137	172	<1	65.09	22
V389654	375	134	191	<1	156	21
V389655	241	200	167	<1	305	34
V389656	246	206	172	<1	86.09	36
V389657	237	309	190	<1	40.93	35
V389658	344	327	146	<1	60.93	37
V389659	275	112	227	<1	23.23	12
V389660	299	201	149	<1	38.00	17
V389661	188	865	243	<1	61.78	46
*Dup V389640	414	160	172	<1	43.10	12
*Blk BLANK	<2	1	<0.5	<1	<0.05	<1
*Rep V389657	235	296	185	<1	40.82	33
*Std OREAS 905	9	132	247	<1	3.48	33

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389603	162	231	91.8	<1	10.23	6
*Std OREAS 601	26	1244	151	49	3.71	284
*Blk BLANK	<2	<1	<0.5	<1	<0.05	<1
*Std OREAS 905	10	125	239	<1	3.28	34
*Blk BLANK	<2	<1	0.6	<1	<0.05	<1
*Std OREAS 601	25	1218	154	50	3.65	315

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389602	7.4	0.23	0.75	958	48.3	7
V389603	5.4	0.21	0.82	>1000	39.3	5
V389604	7.2	0.19	0.57	734	41.4	4
V389605	4.7	0.17	0.34	393	42.8	3
V389606	6.9	0.21	0.51	697	40.5	3
V389607	6.1	0.30	0.70	>1000	47.7	7
V389608	6.0	0.24	0.60	>1000	42.8	8
V389609	6.5	0.21	0.57	>1000	45.4	9
V389610	0.5	11.33	0.22	113	860	<1
V389611	7.4	0.39	0.77	>1000	41.5	5
V389612	8.3	1.82	0.81	>1000	44.4	3
V389613	9.2	0.36	1.04	>1000	44.9	3
V389614	10.0	0.37	0.97	>1000	51.6	3
V389615	10.1	0.30	1.01	>1000	53.2	2
V389616	9.3	0.27	0.85	>1000	43.6	2
V389617	8.5	0.23	0.67	>1000	36.2	2
V389618	8.6	0.40	0.84	>1000	40.3	3
V389619	8.7	0.29	0.81	>1000	43.8	3

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389620	6.3	0.49	0.93	>1000	41.9	4
V389621	0.9	0.32	0.53	>1000	15.8	<1
V389622	8.2	0.72	0.92	>1000	35.6	3
V389623	7.8	0.22	1.28	536	30.6	4
V389624	8.7	0.29	0.97	312	41.2	4
V389625	6.6	0.15	0.65	364	28.0	3
V389626	6.8	0.14	0.66	365	28.8	3
V389627	6.6	0.76	0.56	337	30.4	5
V389628	5.2	0.09	0.46	356	33.0	5
V389629	5.2	0.59	0.63	411	31.7	4
V389630	0.1	0.16	0.46	0.47	1.6	<1
V389631	4.5	1.20	0.29	388	42.6	4
V389632	4.9	0.66	0.80	523	50.1	3
V389633	4.8	1.07	0.52	574	44.9	3
V389634	3.1	0.86	2.27	>1000	32.1	2
V389635	4.0	1.08	0.68	>1000	60.2	2
V389636	3.3	1.25	1.78	>1000	30.6	<1
V389637	4.1	0.26	3.92	703	50.1	2
V389638	4.3	0.38	0.89	709	40.7	2
V389639	3.0	0.25	0.30	293	47.7	3
V389640	6.5	0.35	0.16	472	47.9	3
V389641	7.1	0.42	0.57	443	49.5	3
V389642	5.1	0.54	1.00	583	41.7	3
V389643	5.5	0.81	0.37	546	49.6	3
V389644	4.5	0.34	0.69	375	45.8	4
V389645	3.9	0.17	0.48	382	42.9	2
V389646	4.6	0.13	0.46	385	47.2	2
V389647	5.6	0.29	0.53	317	57.2	3
V389648	8.7	0.56	0.06	375	49.1	2
V389649	7.4	0.51	0.89	590	54.7	3

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389650	0.8	12.34	0.09	187	766	<1
V389651	6.4	0.44	0.22	528	41.8	4
V389652	4.9	0.79	6.08	624	55.2	5
V389653	5.8	0.60	0.31	707	47.5	4
V389654	16.8	0.40	0.29	486	59.0	8
V389655	5.6	0.70	0.94	703	38.4	5
V389656	3.8	0.31	0.84	242	50.0	6
V389657	5.4	0.53	1.24	406	48.6	5
V389658	7.8	5.26	1.80	821	42.0	3
V389659	3.9	0.27	0.15	293	46.8	5
V389660	3.7	2.94	0.95	912	34.8	4
V389661	3.5	3.01	5.11	968	42.3	5
*Dup V389640	6.5	0.39	0.17	488	48.1	3
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Rep V389657	5.3	0.55	1.18	403	47.6	5
*Std OREAS 905	3.0	5.68	0.32	98.56	15.6	7
*Rep V389603	5.0	0.20	0.78	>1000	39.7	5
*Std OREAS 601	2.2	18.89	7.35	57.91	5.1	7
*Blk BLANK	<0.1	<0.04	<0.02	0.09	<0.1	<1
*Std OREAS 905	3.4	5.24	0.33	85.99	14.3	7
*Blk BLANK	<0.1	<0.04	<0.02	1.30	0.1	<1
*Std OREAS 601	2.4	19.03	7.65	59.51	5.6	7

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389602	NR	5.98	0.08	509	0.86	186
V389603	NR	1.29	0.06	775	1.16	48.2

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389604	NR	4.29	0.07	400	0.65	269
V389605	NR	4.26	0.08	240	0.61	159
V389606	NR	3.83	0.08	407	0.69	184
V389607	NR	1.99	0.06	807	1.07	25.7
V389608	NR	5.53	0.07	618	0.67	301
V389609	NR	4.46	0.06	600	0.67	235
V389610	NR	3.23	0.30	89.0	0.31	6.6
V389611	NR	2.61	0.07	689	1.09	196
V389612	NR	2.85	0.07	1131	1.32	225
V389613	NR	4.20	0.08	806	0.96	927
V389614	NR	2.18	0.08	774	1.33	119
V389615	NR	3.49	0.09	1024	1.14	237
V389616	NR	3.95	0.10	848	0.91	692
V389617	NR	4.40	0.08	580	0.81	420
V389618	NR	2.16	0.08	1325	1.44	46.3
V389619	NR	3.45	0.09	793	1.00	571
V389620	NR	0.92	0.06	1207	1.90	214
V389621	NR	0.94	<0.02	2550	3.02	9.9
V389622	NR	0.68	0.07	1750	2.37	7.6
V389623	NR	2.27	0.10	288	1.15	162
V389624	NR	4.52	0.15	184	1.09	241
V389625	NR	2.68	0.08	218	0.83	165
V389626	NR	2.93	0.08	216	0.86	144
V389627	NR	3.60	0.08	203	0.83	228
V389628	NR	3.37	0.07	201	0.74	226
V389629	NR	5.31	0.09	230	1.16	190
V389630	NR	0.05	<0.02	0.6	0.01	0.5
V389631	NR	4.07	0.10	222	0.87	47.5
V389632	NR	4.30	0.10	356	0.79	122
V389633	NR	3.23	0.10	380	1.50	181

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389634	NR	1.17	0.09	637	2.93	46.6
V389635	NR	3.27	0.10	679	1.23	114
V389636	NR	2.00	0.06	774	1.54	109
V389637	NR	2.87	0.09	400	0.87	32.5
V389638	NR	1.35	0.11	447	1.10	92.5
V389639	NR	5.40	0.10	178	0.56	59.3
V389640	NR	4.80	0.12	305	0.77	140
V389641	NR	4.46	0.13	261	0.74	286
V389642	NR	4.15	0.11	350	0.79	157
V389643	NR	4.07	0.12	341	0.93	69.3
V389644	NR	4.26	0.09	223	0.68	260
V389645	NR	3.04	0.10	212	0.57	52.7
V389646	NR	2.24	0.08	206	0.70	54.5
V389647	NR	4.78	0.11	177	0.68	62.0
V389648	NR	5.29	0.10	230	0.63	100
V389649	NR	4.74	0.12	387	0.93	233
V389650	NR	5.40	0.22	227	0.47	11.1
V389651	NR	3.81	0.07	335	0.64	90.3
V389652	NR	3.49	0.08	458	0.57	179
V389653	NR	4.18	0.11	543	0.79	270
V389654	NR	4.22	0.10	323	0.62	126
V389655	NR	3.34	0.08	519	0.66	48.7
V389656	NR	3.79	0.07	148	0.44	196
V389657	NR	4.13	0.07	259	0.49	244
V389658	NR	3.48	0.12	594	0.91	289
V389659	NR	5.55	0.09	194	0.42	95.4
V389660	NR	3.08	0.10	576	1.34	103
V389661	NR	4.23	0.07	632	0.64	64.6
*Dup V389640	NR	4.55	0.12	301	0.78	174
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	<0.1

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389657	NR	4.09	0.07	253	0.49	237
*Std OREAS 905	NR	7.16	0.63	50.0	0.10	18.7
*Rep V389603	NR	1.14	0.06	792	1.20	28.9
*Std OREAS 601	NR	4.74	1.65	29.1	0.11	13.3
*Blk BLANK	NR	<0.02	<0.02	0.1	<0.01	0.1
*Std OREAS 905	NR	7.13	0.62	41.2	0.10	18.7
*Blk BLANK	<0.1	<0.02	<0.02	0.7	<0.01	<0.1
*Std OREAS 601	21.9	4.45	1.81	29.4	0.11	13.5

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389602	29.7	278	0.30	20.7	3	1.4
V389603	24.8	183	0.20	12.3	4	0.9
V389604	16.3	158	0.35	22.7	2	2.0
V389605	18.6	101	0.61	21.5	2	1.6
V389606	13.5	90.8	0.58	21.0	2	1.7
V389607	39.6	184	0.16	18.0	4	0.5
V389608	28.7	325	0.23	24.4	3	2.2
V389609	25.5	351	0.18	21.3	3	2.0
V389610	11.6	87.8	8.52	7.2	3	9.0
V389611	39.2	175	0.20	21.3	3	2.2
V389612	56.0	108	0.53	20.3	4	0.7
V389613	33.4	83.3	0.66	22.5	3	1.7
V389614	32.8	88.0	0.34	21.6	4	1.1
V389615	23.0	70.8	0.31	22.6	4	1.3
V389616	27.0	59.2	0.44	20.8	3	1.5
V389617	23.3	79.8	0.49	21.8	3	2.5

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389618	31.8	113	0.15	21.0	5	0.7
V389619	21.2	106	0.31	23.7	3	1.6
V389620	42.7	134	0.34	15.0	6	1.7
V389621	52.0	9.6	0.12	2.1	10	0.5
V389622	48.4	85.3	0.12	16.3	8	0.7
V389623	8.9	167	0.28	25.8	3	1.5
V389624	11.8	189	0.49	27.5	3	2.0
V389625	5.6	152	0.32	15.5	<2	1.0
V389626	5.8	162	0.32	16.3	<2	1.0
V389627	4.9	187	0.42	22.3	<2	1.5
V389628	4.5	204	0.27	19.2	<2	1.1
V389629	6.1	186	0.49	23.0	2	1.4
V389630	12.9	1.7	0.45	<0.5	<2	<0.3
V389631	8.4	114	0.32	24.4	2	0.8
V389632	40.9	105	0.58	24.4	3	1.6
V389633	32.0	115	0.46	26.5	4	2.2
V389634	368	48.5	0.55	17.3	5	0.7
V389635	27.1	101	0.40	28.6	3	1.6
V389636	96.6	41.7	0.50	14.1	3	1.0
V389637	153	87.4	0.18	23.9	2	1.3
V389638	81.3	81.7	0.50	18.7	3	0.7
V389639	22.6	70.4	0.53	24.1	2	1.7
V389640	25.6	118	0.49	23.4	3	1.7
V389641	56.8	112	0.55	24.7	3	2.5
V389642	119	85.0	0.72	20.6	3	1.9
V389643	40.3	81.6	0.62	24.7	4	0.9
V389644	63.8	90.7	1.07	21.2	2	1.9
V389645	36.7	93.6	0.37	18.4	2	0.7
V389646	24.8	95.1	0.21	20.3	2	0.9
V389647	19.1	87.2	0.54	29.0	3	1.0

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389648	19.9	57.0	1.64	27.3	3	1.4
V389649	72.2	98.3	1.15	24.1	4	1.9
V389650	8.3	161	8.58	14.8	<2	10.4
V389651	20.5	115	1.09	22.6	3	0.9
V389652	333	119	1.53	20.1	2	1.5
V389653	137	112	1.26	26.7	3	2.2
V389654	28.5	138	0.71	28.6	2	2.1
V389655	133	124	0.91	21.0	2	1.7
V389656	158	115	1.30	20.2	<2	1.7
V389657	66.8	119	0.80	24.3	<2	1.5
V389658	197	106	0.92	22.7	3	1.9
V389659	12.7	109	0.59	24.9	<2	2.0
V389660	68.2	86.9	0.34	19.1	4	1.9
V389661	256	137	0.51	22.8	3	1.0
*Dup V389640	28.0	118	0.48	24.1	3	2.4
*Blk BLANK	<0.5	0.2	<0.05	<0.5	<2	<0.3
*Rep V389657	68.8	114	0.82	23.4	2	1.6
*Std OREAS 905	26.9	142	1.95	5.9	3	4.0
*Rep V389603	25.3	190	0.19	12.1	4	0.7
*Std OREAS 601	305	94.8	28.70	4.9	9	3.8
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 905	26.4	126	1.76	5.6	2	3.8
*Blk BLANK	<0.5	0.3	<0.05	<0.5	<2	<0.3
*Std OREAS 601	297	94.2	31.05	5.3	11	4.4

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
---	---	---	--	--	---	--

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389602	2.49	5.16	0.15	115	0.48	11.37
V389603	0.57	7.19	0.25	131	0.31	6.93
V389604	4.93	3.42	0.14	72.2	0.34	4.86
V389605	6.80	2.48	0.22	23.4	0.29	3.56
V389606	4.03	3.04	0.17	39.7	0.28	2.29
V389607	0.18	7.46	0.17	123	0.45	1.83
V389608	5.42	4.37	0.12	98.1	0.49	3.15
V389609	2.89	4.29	0.10	104	0.53	2.45
V389610	0.49	0.54	1.82	5.0	0.36	51.91
V389611	4.00	6.42	0.12	209	0.38	18.88
V389612	0.77	7.64	0.18	407	0.47	32.10
V389613	10.67	4.98	0.19	245	0.39	12.00
V389614	1.97	7.89	0.17	367	0.36	29.84
V389615	1.41	6.68	0.18	230	0.26	9.17
V389616	7.43	4.22	0.19	129	0.26	1.56
V389617	6.54	3.84	0.13	111	0.30	5.45
V389618	0.42	9.19	0.11	335	0.41	5.76
V389619	3.76	4.33	0.18	145	0.49	1.56
V389620	3.14	11.70	0.18	683	0.55	49.22
V389621	0.19	24.88	0.31	630	0.04	3.59
V389622	0.17	17.44	0.18	993	0.37	74.35
V389623	5.25	5.23	0.10	72.8	0.61	4.42
V389624	5.18	3.64	0.19	41.6	0.75	2.82
V389625	5.50	2.68	0.13	19.4	0.44	2.51
V389626	4.80	2.74	0.14	19.7	0.44	2.54
V389627	7.08	2.56	1.03	25.6	0.86	2.79
V389628	8.21	2.62	0.13	24.3	0.63	3.37
V389629	7.21	3.41	0.71	22.5	1.16	9.40
V389630	<0.05	<0.05	<0.05	<0.2	0.08	0.44
V389631	1.30	3.13	0.46	23.0	1.14	7.87

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389632	1.48	3.19	0.36	36.0	1.03	4.98
V389633	1.67	5.72	0.42	122	1.13	3.33
V389634	0.39	8.65	0.58	133	0.58	7.34
V389635	1.07	4.93	0.23	41.5	0.95	1.97
V389636	1.29	5.76	0.37	76.3	0.59	3.69
V389637	1.19	3.97	0.14	44.5	0.58	2.41
V389638	0.65	4.63	0.24	91.7	0.59	38.45
V389639	1.67	2.19	0.12	27.4	0.60	1.76
V389640	1.10	3.41	0.16	46.1	0.73	1.44
V389641	3.95	3.04	0.19	58.6	0.77	2.59
V389642	2.73	3.53	0.49	53.3	0.59	4.58
V389643	0.71	5.66	0.42	91.9	0.61	3.98
V389644	6.08	2.60	0.36	58.1	0.95	6.01
V389645	1.67	2.72	0.17	28.9	0.52	3.44
V389646	2.23	2.89	0.19	24.2	0.34	4.31
V389647	1.58	2.94	0.20	32.6	0.62	2.52
V389648	1.70	2.99	0.22	40.5	0.79	2.13
V389649	5.16	4.73	0.39	116	0.93	3.62
V389650	0.81	0.93	1.97	11.9	0.52	20.22
V389651	1.65	2.83	0.23	26.2	1.01	5.25
V389652	5.98	2.54	0.35	31.7	1.55	14.75
V389653	5.64	3.32	0.32	57.1	1.06	6.27
V389654	2.67	2.47	0.22	35.9	1.12	4.24
V389655	1.80	2.76	0.23	25.4	1.35	38.29
V389656	7.23	1.67	0.27	15.0	1.51	49.35
V389657	7.41	2.03	0.35	26.2	1.29	7.49
V389658	5.22	3.72	1.10	82.1	1.11	37.51
V389659	3.02	1.72	0.14	21.7	0.71	3.05
V389660	1.81	5.73	0.39	136	0.51	4.09
V389661	1.34	3.70	0.57	32.7	0.73	5.45

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Dup V389640	3.18	3.46	0.20	49.8	0.73	1.49
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Rep V389657	6.90	1.97	0.36	25.9	1.31	7.38
*Std OREAS 905	1.40	0.82	0.08	14.3	0.68	4.90
*Rep V389603	0.16	7.02	0.22	131	0.31	6.67
*Std OREAS 601	1.04	0.56	14.49	10.4	1.16	4.02
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 905	1.38	0.83	0.06	13.6	0.69	4.88
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.98	0.55	14.90	11.1	1.16	4.02

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389602	3.5	110	6.7
V389603	1.0	151	9.4
V389604	3.8	72.7	4.7
V389605	4.1	63.3	4.3
V389606	3.9	75.6	5.1
V389607	1.8	160	8.8
V389608	3.9	87.3	5.1
V389609	2.7	89.2	5.1
V389610	115	16.4	1.8
V389611	2.5	133	8.3
V389612	4.2	161	9.9
V389613	5.4	102	6.7
V389614	2.1	169	10.0
V389615	2.4	134	8.1
V389616	4.6	75.1	5.6

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389617	6.2	85.0	5.5
V389618	2.6	186	10.6
V389619	3.7	82.4	6.4
V389620	4.0	253	15.0
V389621	0.8	496	27.0
V389622	0.7	357	19.7
V389623	3.6	112	7.7
V389624	6.4	89.3	7.2
V389625	3.1	68.3	5.3
V389626	3.1	67.6	5.3
V389627	7.7	69.2	5.2
V389628	8.0	62.8	4.8
V389629	18.6	88.5	7.5
V389630	0.3	0.8	<0.1
V389631	10.7	81.4	5.8
V389632	8.6	78.3	5.3
V389633	19.1	127	9.4
V389634	4.3	245	19.2
V389635	9.9	122	8.3
V389636	19.4	121	9.8
V389637	1.8	82.9	5.6
V389638	3.8	104	7.3
V389639	4.6	51.0	3.6
V389640	8.1	77.1	5.1
V389641	8.9	67.7	5.0
V389642	8.3	76.3	5.3
V389643	5.4	113	6.4
V389644	25.4	61.1	4.6
V389645	2.7	61.4	3.8
V389646	1.2	70.7	4.7
V389647	4.1	69.6	4.5
V389648	40.9	71.2	4.4

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



Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 06/ 60 Core
 Number of Samples 60

ANALYSIS REPORT BBM20-05453

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389649	21.8	101	6.5
V389650	145	29.3	3.0
V389651	20.9	71.2	4.5
V389652	17.2	68.7	4.1
V389653	34.8	77.7	5.3
V389654	12.3	60.2	4.2
V389655	12.5	73.5	4.7
V389656	24.0	48.4	3.0
V389657	12.1	50.4	3.4
V389658	13.1	86.8	6.0
V389659	11.1	38.6	2.7
V389660	5.7	123	9.0
V389661	6.1	85.2	4.9
*Dup V389640	8.1	76.7	5.2
*Blk BLANK	<0.1	0.1	<0.1
*Rep V389657	11.8	49.6	3.4
*Std OREAS 905	2.9	14.8	0.7
*Rep V389603	1.3	153	9.3
*Std OREAS 601	5.9	10.6	0.7
*Blk BLANK	<0.1	0.2	<0.1
*Std OREAS 905	2.8	15.1	0.6
*Blk BLANK	<0.1	0.2	<0.1
*Std OREAS 601	5.4	12.3	0.6

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05547

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	11-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, HK20-002, Batch 07/ 181 Core (1-76)	Date Analysed	13-Nov-2020 - 15-Dec-2020
Number of Samples	76	Date Completed	15-Dec-2020
		SGS Order Number	BBM20-05547

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
72	G_PRP	Combined Sample Preparation
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
76	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
76	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
76	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site.

Analysis of samples was performed at the SGS Burnaby site.
Interferences observed in Ag and Ga.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

15-Dec-2020 3:14PM BBM_U0005302640

Page 1 of 30

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389662	2.27	11	4.42	2843	10.07	121
V389663	2.56	15	3.59	1267	13.32	155
V389664	2.07	13	4.54	3549	12.22	88
V389665	1.08	<5	0.36	407	>15.00	4
V389666	2.75	6	2.91	1677	>15.00	118
V389667	2.16	12	4.72	3221	11.42	169
V389668	1.27	8	2.44	2790	>15.00	88
V389669	3.54	6	6.08	2968	10.15	193
V389670	2.14	13	5.94	2138	10.06	198
V389671	1.99	9	5.40	3008	10.52	215
V389672	2.55	11	2.96	2466	14.15	334
V389673	2.32	12	3.00	3950	>15.00	197
V389674	2.37	11	4.89	3789	10.23	183
V389675	2.47	8	5.08	3847	11.25	116
V389676	-	9	5.11	1438	11.37	129
V389677	2.78	8	5.28	2960	10.39	166
V389678	2.19	11	4.44	3086	10.89	147
V389679	2.30	14	5.39	3063	10.66	142
V389680	0.05	595	3.51	593	2.92	30
V389681	2.53	8	5.94	3484	10.41	251
V389682	2.38	13	5.26	2732	12.98	145
V389683	2.34	9	4.80	2406	12.35	239
V389684	2.02	11	4.86	5770	13.29	41
V389685	2.13	6	0.70	2833	>15.00	11
V389686	2.69	6	5.21	2533	9.22	86
V389687	2.75	10	5.01	975	11.97	135
V389688	1.97	9	5.46	814	13.32	110
V389689	2.32	12	4.71	2635	13.99	87
V389690	2.67	7	4.62	3832	10.03	141

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389691	2.76	33	5.14	3041	11.09	70
V389692	2.55	<5	5.54	1934	9.85	270
V389693	2.30	12	4.05	2646	13.15	306
V389694	2.68	<5	4.32	1935	12.35	182
V389695	3.94	15	4.31	777	13.64	64
V389696	2.16	12	2.71	2377	13.81	76
V389697	1.18	6	2.13	711	14.54	51
V389698	2.19	9	5.11	2305	9.85	211
V389699	2.44	6	4.98	2818	9.64	294
V389700	1.80	8	5.08	2580	9.49	144
V389701	2.03	9	4.44	2944	10.32	289
V389702	2.34	8	3.59	1667	13.87	137
V389703	2.62	10	4.12	2775	12.18	209
V389704	2.37	11	4.90	3565	13.35	11
V389705	2.74	12	3.03	2727	14.86	177
V389706	2.20	13	4.04	2104	9.37	348
V389707	2.71	11	4.04	2055	10.58	288
V389708	2.48	12	3.44	2177	9.04	203
V389709	2.27	10	4.61	2536	10.06	131
V389710	2.42	14	4.13	1259	10.18	231
V389711	2.29	15	4.88	2197	8.74	273
V389712	2.46	8	4.55	1661	9.70	142
V389713	2.52	10	3.92	1297	11.13	164
V389714	2.38	11	3.76	3775	14.91	60
V389715	0.06	186	5.27	601	1.98	39
V389716	2.22	13	3.11	2712	>15.00	71
V389717	2.10	13	4.29	1716	10.85	236
V389718	2.28	10	2.31	3214	>15.00	90
V389719	2.46	21	3.99	3953	13.63	197

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389720	2.30	14	2.65	3529	>15.00	104
V389721	2.44	10	3.95	3515	12.87	132
V389722	2.65	13	4.78	1011	9.04	127
V389723	2.24	10	4.95	1329	9.05	91
V389724	2.26	15	5.35	3544	9.82	131
V389725	2.88	7	3.92	3553	11.91	246
V389726	-	22	3.92	3561	11.47	215
V389727	2.09	15	3.47	3307	>15.00	137
V389728	2.40	9	3.24	2679	13.47	169
V389729	2.51	8	4.06	2373	13.98	115
V389730	1.35	9	0.05	258	>15.00	9
V389731	2.19	14	4.34	2635	12.35	155
V389732	2.52	14	4.24	1756	10.06	343
V389733	2.20	9	4.46	3220	10.08	283
V389734	2.08	18	6.06	1916	9.98	82
V389735	2.21	9	3.94	4104	>15.00	72
V389736	2.47	16	3.99	3902	13.31	100
V389737	2.24	8	3.98	4071	14.07	73
*Dup V389700	1.80	8	5.06	2308	9.65	137
*Std SL76	-	6520	-	-	-	-
*Std oreas235	-	1620	-	-	-	-
*Rep V389672	-	11	-	-	-	-
*Blk BLANK	-	10	-	-	-	-
*Std GS-9B	-	8570	-	-	-	-
*Rep V389707	-	11	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Blk BLANK	-	-	<0.01	<1	0.01	2
*Rep V389704	-	-	4.75	3493	12.72	11
*Std OREAS 601	-	-	6.66	1600	1.31	33

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Std OREAS 905	-	-	7.42	2547	0.58	15
*Rep V389713	-	5	-	-	-	-
*Blk BLANK	-	8	-	-	-	-
*Std SL76	-	5940	-	-	-	-
*Std oreas235	-	1680	-	-	-	-
*Std OREAS 905	-	-	7.41	2505	0.57	15
*Blk BLANK	-	-	<0.01	2	0.02	2
*Std OREAS 601	-	-	6.46	995	1.29	34
*Blk BLANK	-	-	<0.01	1	<0.01	<1
*Std OREAS 601	-	-	6.95	3843	1.30	25
*Rep V389686	-	-	5.70	1930	9.16	131
*Std OREAS 905	-	-	6.90	2706	0.58	16

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389662	73.6	7.48	3.61	65	5.54	3336
V389663	64.6	9.45	3.48	58	5.49	4694
V389664	66.8	9.75	3.18	58	5.13	3794
V389665	0.9	0.12	0.24	12	12.80	398
V389666	90.2	7.92	3.00	45	4.93	4777
V389667	45.0	9.06	3.33	82	6.15	2263
V389668	22.0	6.80	0.82	29	1.27	1277
V389669	94.8	8.69	2.61	109	5.48	1429
V389670	94.4	8.38	2.64	78	6.21	1391
V389671	79.1	8.02	3.26	80	6.35	1750
V389672	69.7	8.62	3.20	22	7.01	2616

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389673	52.7	7.24	3.18	27	6.21	3224
V389674	74.2	9.82	3.27	65	5.94	2516
V389675	59.5	9.58	3.06	63	5.35	2359
V389676	61.3	9.76	3.02	64	5.45	2340
V389677	78.3	9.17	3.16	60	6.18	2363
V389678	58.4	9.70	3.34	51	6.75	2413
V389679	64.9	8.75	3.19	69	5.23	2156
V389680	>10000	>15.00	3.36	8	0.31	2717
V389681	63.9	7.90	3.51	92	5.83	2130
V389682	62.8	7.67	3.78	69	5.32	2037
V389683	86.4	7.41	3.32	70	5.45	2412
V389684	41.8	7.63	3.96	106	4.54	3764
V389685	52.3	2.27	0.38	9	0.88	3990
V389686	186	9.13	3.70	49	5.57	2391
V389687	141	10.44	2.63	42	4.68	2950
V389688	69.1	8.36	2.82	120	3.61	3946
V389689	33.1	7.49	3.20	81	4.33	3886
V389690	66.9	11.54	3.75	34	6.22	3123
V389691	53.1	9.78	2.86	41	4.83	2710
V389692	80.9	8.84	3.49	57	6.98	1388
V389693	52.3	6.86	4.16	23	7.12	1772
V389694	72.1	9.54	3.91	47	5.79	3340
V389695	114	8.78	2.84	52	4.48	3095
V389696	52.7	7.63	0.68	37	4.74	6583
V389697	32.6	8.64	0.47	28	5.55	6209
V389698	32.3	9.39	3.52	44	5.96	2597
V389699	74.5	7.12	2.88	53	6.56	1951
V389700	108	9.22	3.06	76	5.57	2417
V389701	94.5	7.37	3.05	44	7.38	2040

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389702	102	7.25	3.24	41	5.22	3014
V389703	63.7	7.18	4.07	44	6.10	2586
V389704	38.9	7.50	2.30	69	4.18	2562
V389705	87.6	7.44	1.82	27	5.07	2689
V389706	87.0	9.15	3.76	25	7.58	2155
V389707	65.2	8.79	3.36	38	6.51	2309
V389708	70.2	6.80	3.58	38	5.13	2482
V389709	128	8.12	3.02	59	6.33	2586
V389710	82.3	8.39	4.22	38	6.55	2358
V389711	80.1	8.27	3.03	47	7.67	1529
V389712	64.5	9.28	3.82	63	5.95	2803
V389713	66.7	9.01	3.70	52	6.38	4562
V389714	72.4	7.36	2.55	49	4.51	3453
V389715	3343	>15.00	5.65	12	0.73	5075
V389716	37.6	6.25	2.27	37	4.94	2569
V389717	88.2	7.34	3.57	30	7.89	1704
V389718	62.0	5.80	2.29	29	5.60	3251
V389719	60.8	6.52	3.06	60	5.84	2259
V389720	42.7	5.68	2.65	53	6.07	3215
V389721	95.4	7.58	3.72	66	5.89	3103
V389722	108	9.59	4.33	80	5.86	3443
V389723	71.2	10.40	3.83	56	4.91	3074
V389724	71.7	8.50	3.56	77	5.06	2583
V389725	70.9	7.80	3.61	64	6.21	2472
V389726	70.8	7.81	3.42	63	6.29	2551
V389727	63.8	6.63	3.28	49	4.95	2489
V389728	90.6	6.14	3.29	22	6.57	1931
V389729	92.6	6.71	3.04	29	5.88	1511
V389730	1.0	0.16	0.05	28	12.72	384

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389731	83.0	7.54	3.27	41	5.51	1925
V389732	97.0	8.18	4.96	41	6.44	2054
V389733	72.4	7.43	4.31	74	6.47	2619
V389734	61.3	9.00	4.02	105	4.92	2642
V389735	63.2	5.90	3.22	55	5.41	2687
V389736	74.3	6.33	4.25	57	5.17	3420
V389737	52.4	5.98	3.70	51	4.48	3488
*Dup V389700	99.7	8.92	3.55	74	5.61	2379
*Blk BLANK	<0.5	0.01	<0.01	<1	<0.01	3
*Rep V389704	36.8	7.16	2.16	67	4.08	2518
*Std OREAS 601	1007	2.48	2.24	22	0.39	469
*Std OREAS 905	1448	3.92	2.31	21	0.28	348
*Std OREAS 905	1454	3.94	2.89	20	0.27	344
*Blk BLANK	0.9	0.02	<0.01	<1	<0.01	<2
*Std OREAS 601	963	2.46	2.16	21	0.39	462
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2
*Std OREAS 601	988	2.42	2.20	22	0.38	461
*Rep V389686	185	9.00	3.63	48	5.48	2343
*Std OREAS 905	1523	3.92	2.93	20	0.25	359

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389662	0.75	87	0.55	1.52	<0.5	1.32
V389663	0.43	144	0.52	1.69	5056	1.48
V389664	0.90	103	0.65	1.64	3502	1.66
V389665	0.14	1	<0.01	0.03	151	0.01

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389666	0.38	140	0.56	1.69	9005	1.39
V389667	0.37	126	0.53	0.29	2674	1.63
V389668	0.05	26	0.36	0.17	693	0.88
V389669	1.11	152	0.43	0.66	2208	1.22
V389670	1.05	214	0.42	1.01	2244	1.17
V389671	1.00	232	0.40	0.82	2812	1.11
V389672	0.22	271	0.76	0.79	3187	1.25
V389673	0.30	177	0.42	0.98	3941	0.90
V389674	0.79	140	0.70	1.00	2545	1.50
V389675	0.83	109	0.73	1.22	2369	1.60
V389676	0.85	112	0.72	1.20	2377	1.59
V389677	0.78	176	0.39	0.89	2331	1.48
V389678	0.50	199	0.50	0.53	2271	1.58
V389679	0.88	130	0.50	0.42	2905	1.29
V389680	0.14	69	0.07	3.50	198	0.28
V389681	1.05	188	0.48	0.66	3451	1.11
V389682	0.76	147	0.51	0.49	6449	0.92
V389683	0.59	188	0.40	0.40	3266	1.20
V389684	0.65	51	0.48	0.64	5959	1.50
V389685	0.19	13	0.68	0.83	>10000	0.17
V389686	0.93	138	0.32	1.59	2417	1.84
V389687	0.89	158	0.26	1.36	3366	1.81
V389688	0.95	119	0.35	1.56	7341	1.41
V389689	0.80	110	0.31	0.74	>10000	1.09
V389690	0.64	137	0.24	1.04	2506	2.11
V389691	1.11	80	0.52	1.48	2240	1.69
V389692	0.83	260	0.36	0.74	1851	1.10
V389693	0.37	253	0.63	0.16	2853	0.96
V389694	0.53	127	0.37	0.98	2410	1.93

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389695	0.63	97	0.59	1.95	2823	1.37
V389696	0.10	69	0.42	0.93	773	1.09
V389697	0.09	59	0.32	1.83	748	1.02
V389698	0.49	147	0.23	1.41	2340	2.52
V389699	0.80	154	0.41	0.94	3082	1.51
V389700	0.88	107	0.39	0.87	2733	1.23
V389701	0.60	201	0.39	0.38	2479	1.37
V389702	0.53	98	0.60	1.28	4379	1.06
V389703	0.48	92	0.48	1.35	2893	1.54
V389704	0.98	23	0.43	0.75	3869	1.45
V389705	0.51	73	1.50	0.57	3986	0.33
V389706	0.60	193	0.49	0.73	2423	2.06
V389707	0.60	139	0.30	0.93	2999	1.48
V389708	0.52	117	0.44	0.94	2182	1.60
V389709	0.66	110	0.35	0.88	2109	1.30
V389710	0.44	132	0.49	1.25	2405	1.93
V389711	0.60	199	0.37	0.71	1717	1.46
V389712	0.38	100	0.49	1.58	2135	1.64
V389713	0.43	98	0.58	1.88	<0.5	1.51
V389714	0.61	57	0.46	0.92	<0.5	1.23
V389715	0.22	50	0.07	2.70	93.9	0.48
V389716	0.59	55	1.03	0.70	<0.5	0.83
V389717	0.22	216	0.54	0.70	<0.5	1.10
V389718	0.21	95	1.10	0.67	3221	0.58
V389719	0.47	138	0.75	0.38	2935	0.96
V389720	0.16	105	1.03	0.72	3406	0.61
V389721	0.30	117	0.46	1.21	2700	1.42
V389722	0.51	90	0.57	1.95	1796	1.91
V389723	0.92	71	0.64	1.22	1692	1.98

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389724	0.97	92	0.58	0.45	2449	1.63
V389725	0.20	146	0.58	0.42	3091	1.57
V389726	0.20	143	0.44	0.35	3009	1.35
V389727	0.36	114	0.79	1.13	3572	0.67
V389728	0.23	170	0.53	0.72	2761	0.81
V389729	0.33	110	0.57	0.10	2541	0.38
V389730	0.05	1	<0.01	0.02	151	<0.01
V389731	0.53	95	0.70	0.49	2257	1.32
V389732	0.44	131	0.50	1.44	1851	2.33
V389733	0.27	130	0.51	0.85	2353	2.07
V389734	0.27	85	0.68	1.01	2319	1.08
V389735	0.19	101	0.55	0.44	3847	0.29
V389736	0.37	84	0.51	0.34	<0.5	0.59
V389737	0.64	78	0.58	0.31	<0.5	0.52
*Dup V389700	0.89	110	0.52	0.82	3053	1.74
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Rep V389704	0.95	23	0.40	0.69	4248	1.41
*Std OREAS 601	1.50	22	0.05	1.10	232	0.18
*Std OREAS 905	2.38	10	0.03	0.07	158	0.12
*Std OREAS 905	2.36	11	0.03	0.07	157	0.12
*Blk BLANK	<0.01	<1	<0.01	<0.01	3.5	<0.01
*Std OREAS 601	1.45	27	0.05	1.00	227	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Std OREAS 601	1.47	20	0.05	1.18	237	0.18
*Rep V389686	0.92	137	0.31	1.56	2610	1.83
*Std OREAS 905	2.45	9	0.03	0.07	159	0.12

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@As GE_IMS40Q12	@Be GE_IMS40Q12
Lower Limit	2	1	0.5	0.02	1	0.1
Upper Limit	10,000	10,000	10,000	100	10,000	2,500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389662	418	128	162	<0.02	20	5.0
V389663	353	264	153	0.03	21	5.8
V389664	438	161	167	<0.02	20	5.1
V389665	4	21	4.5	0.03	<1	0.1
V389666	276	354	156	<0.02	23	4.6
V389667	404	152	170	<0.02	17	7.6
V389668	244	36	94.5	<0.02	12	7.4
V389669	244	231	192	<0.02	16	3.9
V389670	246	218	174	0.07	18	2.6
V389671	229	674	176	<0.02	30	4.6
V389672	251	189	247	<0.02	20	5.2
V389673	310	306	169	<0.02	11	6.7
V389674	320	137	198	<0.02	13	4.4
V389675	301	176	223	<0.02	13	5.4
V389676	306	197	222	<0.02	13	4.4
V389677	292	227	196	<0.02	13	3.3
V389678	306	304	179	<0.02	14	3.7
V389679	221	358	204	<0.02	19	4.1
V389680	90	28	109	2.48	759	0.5
V389681	220	1178	218	<0.02	36	4.1
V389682	214	126	194	<0.02	14	2.9
V389683	240	325	175	<0.02	31	4.7
V389684	246	465	179	<0.02	32	5.3
V389685	47	318	43.6	<0.02	17	0.7
V389686	310	193	265	<0.02	22	3.9
V389687	288	114	264	<0.02	16	3.3
V389688	288	228	201	<0.02	15	7.6
V389689	212	216	194	<0.02	11	5.9
V389690	368	185	250	<0.02	10	4.0

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@As GE_IMS40Q12	@Be GE_IMS40Q12
Lower Limit	2	1	0.5	0.02	1	0.1
Upper Limit	10,000	10,000	10,000	100	10,000	2,500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389691	367	160	175	<0.02	9	4.7
V389692	238	138	201	<0.02	15	3.8
V389693	271	135	152	<0.02	10	5.9
V389694	388	223	300	<0.02	12	8.3
V389695	386	433	210	<0.02	15	8.3
V389696	233	8	153	<0.02	22	5.2
V389697	179	8	134	<0.02	13	5.4
V389698	332	106	232	<0.02	10	5.3
V389699	235	73	185	0.12	14	4.7
V389700	388	108	199	0.06	12	8.1
V389701	279	106	215	<0.02	16	7.4
V389702	359	338	186	<0.02	10	11.2
V389703	314	242	229	<0.02	14	9.0
V389704	310	110	259	<0.02	13	5.0
V389705	336	129	79.1	0.07	15	4.2
V389706	311	130	331	<0.02	9	3.4
V389707	328	154	229	0.07	7	3.8
V389708	323	124	243	0.16	19	4.9
V389709	396	116	374	0.06	9	5.2
V389710	336	152	252	<0.02	13	4.4
V389711	269	270	223	0.04	10	3.9
V389712	413	156	268	0.04	13	6.7
V389713	352	237	178	0.06	14	5.2
V389714	386	399	193	<0.02	10	6.2
V389715	98	27	183	1.34	665	0.8
V389716	292	153	101	<0.02	18	6.2
V389717	267	83	249	0.06	12	4.5
V389718	353	222	61.3	<0.02	15	7.4
V389719	418	144	102	<0.02	12	6.8

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 0.02 100 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m	@Be GE_IMS40Q12 0.1 2,500 ppm m / m
V389720	411	283	82.6	<0.02	21	9.4
V389721	650	193	189	<0.02	17	8.7
V389722	479	209	198	0.02	14	10.7
V389723	464	216	184	<0.02	12	5.0
V389724	394	122	253	<0.02	23	8.3
V389725	354	123	262	<0.02	17	7.5
V389726	348	125	237	<0.02	14	7.7
V389727	179	153	160	<0.02	31	7.7
V389728	225	148	213	0.09	5	3.9
V389729	191	81	176	0.07	6	2.8
V389730	4	16	3.0	0.05	3	<0.1
V389731	338	90	294	<0.02	9	4.3
V389732	364	99	361	0.07	25	5.5
V389733	356	125	392	<0.02	40	6.7
V389734	332	138	257	0.14	16	8.8
V389735	262	134	168	0.08	7	5.7
V389736	257	178	109	0.09	20	6.1
V389737	241	151	136	0.07	25	5.5
*Dup V389700	368	110	238	<0.02	16	7.6
*Blk BLANK	<2	<1	<0.5	0.03	<1	<0.1
*Rep V389704	302	107	272	<0.02	11	5.0
*Std OREAS 601	27	1253	153	49.35	304	2.3
*Std OREAS 905	12	123	244	0.49	34	3.1
*Std OREAS 905	10	131	253	0.49	37	3.6
*Blk BLANK	<2	2	0.5	0.05	<1	<0.1
*Std OREAS 601	25	1298	155	48.40	335	2.3
*Blk BLANK	<2	<1	<0.5	<0.02	<1	<0.1
*Std OREAS 601	27	1250	155	48.39	289	2.0
*Rep V389686	313	191	267	<0.02	22	4.0

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@V	@Zn	@Zr	@Ag	@As	@Be
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	0.02	1	0.1
Upper Limit	10,000	10,000	10,000	100	10,000	2,500
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	12	129	227	0.47	33	3.1

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.1
Upper Limit	10,000	10,000	1,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389662	1.00	0.46	590	37.5	3	NR
V389663	0.59	1.04	679	49.7	4	NR
V389664	0.43	0.38	683	49.7	3	NR
V389665	<0.04	0.09	3.56	1.5	<1	NR
V389666	0.68	1.78	702	46.3	3	NR
V389667	0.27	0.17	398	32.2	6	NR
V389668	1.04	0.49	866	5.8	2	NR
V389669	0.17	0.53	255	41.9	5	NR
V389670	0.42	0.67	162	49.8	5	NR
V389671	0.69	2.05	619	49.2	5	NR
V389672	0.22	0.57	583	55.1	2	NR
V389673	0.22	1.13	706	47.4	2	NR
V389674	0.40	0.20	764	49.6	3	NR
V389675	0.22	0.38	484	46.3	5	NR
V389676	0.18	0.45	415	44.7	5	NR
V389677	0.34	0.35	366	46.9	5	NR
V389678	0.44	0.70	452	42.7	4	NR
V389679	0.58	1.00	486	38.4	5	NR
V389680	12.00	0.27	130	948	<1	NR
V389681	0.61	3.61	482	45.2	6	NR
V389682	0.22	0.32	480	39.4	5	NR
V389683	0.56	0.93	511	42.9	4	NR

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.1
Upper Limit	10,000	10,000	1,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389684	0.61	1.24	>1000	27.7	6	NR
V389685	1.74	1.93	>1000	9.4	<1	NR
V389686	0.23	0.71	666	79.7	3	NR
V389687	0.10	0.22	642	65.0	3	NR
V389688	0.69	0.66	>1000	40.4	4	NR
V389689	0.63	0.74	>1000	27.8	3	NR
V389690	0.20	0.20	701	54.4	3	NR
V389691	0.27	0.44	502	46.3	4	NR
V389692	2.89	0.34	142	52.0	5	NR
V389693	<0.04	0.40	353	49.8	3	NR
V389694	0.30	0.47	825	51.0	3	NR
V389695	0.32	1.35	714	57.3	3	NR
V389696	0.71	0.05	566	34.3	2	NR
V389697	0.23	0.05	422	24.2	<1	NR
V389698	0.25	0.05	557	61.7	3	NR
V389699	0.44	0.10	463	51.3	4	NR
V389700	0.55	0.15	473	54.2	4	NR
V389701	0.57	0.17	401	53.0	3	NR
V389702	4.21	2.55	706	44.6	3	NR
V389703	0.19	1.81	514	43.7	3	NR
V389704	0.63	0.30	663	27.3	4	NR
V389705	0.15	0.39	789	44.6	2	NR
V389706	0.10	0.56	341	63.1	2	NR
V389707	0.16	0.53	507	51.6	2	NR
V389708	0.37	0.28	556	39.3	2	NR
V389709	0.14	0.13	403	47.5	3	NR
V389710	0.08	0.47	464	53.6	2	NR
V389711	<0.04	1.08	186	59.0	3	NR
V389712	0.12	0.25	592	46.0	3	NR

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.1
Upper Limit	10,000	10,000	1,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389713	0.24	0.63	626	47.0	3	NR
V389714	0.22	2.03	595	37.1	3	NR
V389715	12.24	0.08	180	775	<1	NR
V389716	0.22	0.60	582	30.3	2	NR
V389717	0.20	0.10	276	56.3	4	NR
V389718	0.15	0.86	767	30.7	1	NR
V389719	<0.04	0.56	426	42.3	3	NR
V389720	0.05	1.38	788	36.7	2	NR
V389721	0.20	0.66	592	49.6	3	NR
V389722	0.29	0.30	576	53.2	3	NR
V389723	1.41	0.36	355	54.4	4	NR
V389724	0.45	0.17	421	42.9	3	NR
V389725	0.54	0.10	465	47.3	3	NR
V389726	0.54	0.08	471	46.2	3	NR
V389727	0.42	0.52	877	37.8	3	NR
V389728	<0.04	0.68	424	47.6	2	NR
V389729	<0.04	0.09	441	40.5	3	NR
V389730	<0.04	0.05	3.30	1.6	<1	NR
V389731	<0.04	0.09	474	42.3	3	NR
V389732	0.10	0.09	419	55.6	3	NR
V389733	0.42	0.10	862	50.4	3	NR
V389734	0.41	0.14	732	40.2	3	NR
V389735	0.09	0.13	633	38.4	4	NR
V389736	0.71	0.20	849	36.6	4	NR
V389737	0.86	0.20	>1000	37.6	3	NR
*Dup V389700	0.41	0.14	458	48.9	4	NR
*Blk BLANK	<0.04	<0.02	0.48	<0.1	<1	NR
*Rep V389704	0.62	0.33	677	27.5	4	NR
*Std OREAS 601	19.92	7.22	60.58	5.6	7	NR

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.04	0.02	0.05	0.1	1	0.1
Upper Limit	10,000	10,000	1,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	5.74	0.32	89.36	16.4	7	NR
*Std OREAS 905	5.91	0.33	86.63	16.2	7	NR
*Blk BLANK	<0.04	<0.02	0.87	<0.1	<1	NR
*Std OREAS 601	20.12	7.14	58.24	5.6	7	NR
*Blk BLANK	<0.04	<0.02	0.09	<0.1	<1	NR
*Std OREAS 601	20.31	7.61	60.97	5.5	7	NR
*Rep V389686	0.23	0.66	661	75.1	3	NR
*Std OREAS 905	5.73	0.32	83.18	16.1	7	NR

Element	@Hf	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.05	0.1
Upper Limit	500	500	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389662	3.67	0.15	376	1.19	211	347
V389663	3.60	0.12	465	0.93	28.78	166
V389664	4.34	0.11	414	1.13	155	180
V389665	0.15	<0.02	2.3	0.02	0.37	1.4
V389666	4.24	0.10	435	1.14	35.19	186
V389667	4.51	0.11	241	0.85	8.72	163
V389668	2.30	0.09	539	0.67	4.74	118
V389669	4.15	0.07	145	0.38	18.32	164
V389670	3.90	0.07	77.6	0.29	18.89	165
V389671	4.01	0.09	415	0.57	18.76	151
V389672	4.83	0.08	334	0.58	10.06	183
V389673	3.96	0.09	439	0.74	9.43	81.0
V389674	4.34	0.11	470	0.68	15.84	164
V389675	5.54	0.10	297	0.57	31.25	164
V389676	4.85	0.10	260	0.53	31.69	121

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Hf	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.05	0.1
Upper Limit	500	500	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389677	4.58	0.11	201	0.49	27.35	113
V389678	4.43	0.08	228	0.58	28.77	251
V389679	4.61	0.08	275	0.60	28.70	203
V389680	3.15	0.30	111	0.32	299	6.3
V389681	4.21	0.08	332	0.56	76.78	174
V389682	3.55	0.06	274	0.50	29.94	101
V389683	3.65	0.06	308	0.49	101	217
V389684	4.03	0.05	741	1.00	107	350
V389685	1.01	0.04	1423	1.29	345	226
V389686	6.21	0.12	400	0.57	29.34	189
V389687	6.27	0.11	356	0.58	39.11	296
V389688	4.40	0.07	803	0.99	43.86	460
V389689	4.27	0.06	961	0.93	20.04	319
V389690	6.00	0.12	396	0.59	12.50	224
V389691	4.21	0.11	282	0.86	42.57	272
V389692	4.06	0.07	69.2	0.29	74.09	74.5
V389693	3.33	0.06	182	0.39	7.81	225
V389694	6.26	0.10	461	1.01	41.64	465
V389695	4.19	0.11	396	0.93	56.08	116
V389696	3.22	0.08	315	0.63	35.90	249
V389697	3.12	0.07	223	0.40	25.74	206
V389698	6.14	0.07	305	0.56	16.44	223
V389699	3.18	0.06	277	0.42	22.93	61.2
V389700	4.07	0.11	293	0.60	57.05	43.4
V389701	4.61	0.07	224	0.45	18.35	241
V389702	2.86	0.09	397	1.32	46.28	113
V389703	4.90	0.09	297	0.52	45.50	225
V389704	5.03	0.09	351	0.64	59.60	126
V389705	0.74	0.09	410	0.85	32.46	13.3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Hf	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.05	0.1
Upper Limit	500	500	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389706	6.45	0.10	194	0.42	14.43	91.8
V389707	4.35	0.10	287	0.55	37.80	41.6
V389708	4.86	0.10	324	0.61	36.41	136
V389709	6.97	0.13	228	0.64	58.75	90.7
V389710	4.62	0.11	257	0.54	58.14	113
V389711	4.32	0.10	99.3	0.35	24.15	50.3
V389712	5.20	0.11	334	0.87	87.08	96.7
V389713	3.42	0.16	382	0.94	39.93	78.5
V389714	3.83	0.10	348	0.84	54.00	90.1
V389715	5.13	0.20	215	0.47	85.63	10.7
V389716	1.64	0.07	315	1.33	38.90	155
V389717	4.38	0.07	140	0.39	21.75	46.2
V389718	1.04	0.07	415	1.75	20.77	144
V389719	1.88	0.07	225	0.66	35.72	217
V389720	0.90	0.05	409	1.38	55.01	108
V389721	3.82	0.11	350	1.02	155	149
V389722	4.51	0.12	334	0.87	115	124
V389723	4.16	0.17	210	0.73	142	162
V389724	5.02	0.11	234	0.70	100	173
V389725	3.78	0.09	272	0.65	45.48	129
V389726	3.60	0.09	274	0.64	42.03	92.1
V389727	1.86	0.06	503	1.36	62.49	57.9
V389728	2.22	0.07	240	0.66	44.14	18.5
V389729	1.75	0.06	208	0.41	22.20	3.6
V389730	0.07	<0.02	1.9	0.01	0.61	1.0
V389731	4.09	0.09	256	0.62	24.70	91.5
V389732	7.86	0.10	234	0.48	28.21	73.4
V389733	7.48	0.09	564	0.86	42.63	163
V389734	4.63	0.08	430	0.75	70.64	292

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Hf	@In	@La	@Lu	@Mo	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.02	0.02	0.1	0.01	0.05	0.1
Upper Limit	500	500	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389735	1.83	0.05	347	0.63	28.55	9.2
V389736	1.25	0.07	519	0.92	106	42.4
V389737	1.67	0.07	676	1.14	107	74.3
*Dup V389700	5.57	0.11	278	0.61	55.01	190
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	0.07	0.2
*Rep V389704	5.74	0.09	352	0.63	59.92	134
*Std OREAS 601	4.28	1.65	30.8	0.10	4.01	13.1
*Std OREAS 905	6.87	0.61	43.9	0.10	3.56	18.9
*Std OREAS 905	6.70	0.65	41.7	0.11	3.43	18.8
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	0.12	<0.1
*Std OREAS 601	4.14	1.61	28.9	0.10	4.09	13.1
*Blk BLANK	<0.02	<0.02	0.2	<0.01	0.06	0.1
*Std OREAS 601	4.36	1.77	33.5	0.11	4.24	14.4
*Rep V389686	6.18	0.12	402	0.58	30.63	217
*Std OREAS 905	6.45	0.62	42.4	0.10	3.34	19.0

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389662	54.8	77.2	0.81	21.8	6	2.3
V389663	44.7	83.3	0.46	21.5	3	1.9
V389664	31.1	76.6	0.97	24.4	4	2.0
V389665	3.4	5.8	0.18	<0.5	<2	<0.3
V389666	39.5	73.8	0.57	21.6	4	1.5
V389667	7.8	144	0.35	30.7	3	2.3
V389668	19.1	32.8	0.81	13.4	3	1.1
V389669	58.4	109	0.89	23.4	<2	1.4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389670	29.1	102	1.30	23.0	<2	1.4
V389671	74.9	118	1.12	23.8	2	1.4
V389672	26.1	88.3	0.78	20.3	3	1.1
V389673	53.7	83.3	0.45	22.6	3	0.3
V389674	18.2	104	0.63	24.4	3	1.9
V389675	34.2	89.3	0.86	22.9	3	2.0
V389676	39.0	84.8	0.86	22.9	3	2.0
V389677	54.9	96.8	0.61	23.5	3	1.8
V389678	75.6	102	0.64	21.0	3	1.8
V389679	39.0	104	0.71	20.0	3	1.1
V389680	12.5	78.4	8.85	7.9	3	8.9
V389681	275	124	1.08	22.1	3	1.4
V389682	29.7	125	0.27	19.4	2	1.2
V389683	68.7	124	0.81	21.0	2	1.4
V389684	133	163	0.70	10.0	4	1.8
V389685	118	18.3	0.97	2.9	7	0.5
V389686	41.6	91.5	0.69	26.9	3	1.9
V389687	18.6	68.6	1.15	24.7	3	2.1
V389688	126	96.4	1.33	14.8	4	2.2
V389689	143	100	1.11	14.2	4	1.9
V389690	13.4	101	0.41	28.2	3	2.3
V389691	22.7	84.4	0.78	21.8	4	1.2
V389692	16.0	108	0.66	25.1	<2	1.3
V389693	23.7	126	0.24	25.4	2	1.1
V389694	33.7	114	0.39	27.0	4	2.8
V389695	55.7	97.5	0.92	18.3	4	0.6
V389696	14.3	24.5	1.30	14.9	3	1.3
V389697	10.9	15.7	1.87	14.0	2	1.0
V389698	18.3	113	0.79	26.6	4	2.2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389699	18.0	95.0	0.64	20.1	2	1.5
V389700	22.3	108	0.28	26.8	3	1.9
V389701	11.0	99.9	0.38	23.6	2	1.5
V389702	22.4	90.3	0.41	22.1	6	0.5
V389703	21.2	97.8	0.60	23.8	2	1.4
V389704	16.7	83.6	0.51	18.6	3	1.5
V389705	19.5	59.1	0.20	16.9	4	0.4
V389706	14.5	104	0.47	26.5	3	1.8
V389707	23.8	93.7	0.23	26.6	3	1.6
V389708	17.8	93.8	0.53	20.3	3	1.5
V389709	18.6	113	0.43	33.0	3	0.8
V389710	21.2	108	0.63	26.5	3	1.8
V389711	22.7	109	0.39	29.0	<2	1.6
V389712	29.4	103	0.63	22.6	3	0.8
V389713	59.7	92.8	0.58	23.7	4	1.1
V389714	37.1	73.9	0.41	20.9	3	0.8
V389715	8.9	157	7.48	14.8	<2	8.6
V389716	41.0	60.8	0.43	14.1	5	0.7
V389717	11.7	110	0.39	22.2	2	0.5
V389718	56.5	57.9	0.22	13.0	5	0.9
V389719	15.0	84.8	0.20	22.1	2	0.8
V389720	127	67.6	0.45	16.5	4	0.6
V389721	43.6	98.3	0.72	24.5	3	0.7
V389722	24.9	116	0.74	23.9	4	0.7
V389723	61.0	102	0.70	27.2	4	2.4
V389724	15.1	134	0.62	22.7	3	1.9
V389725	21.2	139	0.29	26.6	3	1.0
V389726	21.1	128	0.24	26.7	3	0.6
V389727	44.1	104	0.53	17.8	4	0.7

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389728	47.0	97.2	0.22	20.1	3	0.3
V389729	4.4	95.9	<0.05	18.6	<2	<0.3
V389730	3.7	1.2	0.17	<0.5	<2	<0.3
V389731	7.4	105	0.21	22.4	3	0.7
V389732	17.0	126	0.64	29.6	3	2.2
V389733	16.2	126	1.17	26.2	4	1.4
V389734	17.6	117	0.85	16.1	4	1.6
V389735	10.7	87.8	0.22	15.5	2	<0.3
V389736	16.0	114	0.25	15.8	3	0.3
V389737	13.8	103	0.20	14.6	4	0.5
*Dup V389700	16.4	109	0.59	26.4	3	2.1
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Rep V389704	17.0	78.1	0.62	19.1	3	0.9
*Std OREAS 601	305	94.6	27.73	5.5	11	3.8
*Std OREAS 905	28.1	125	1.75	5.6	3	3.6
*Std OREAS 905	30.9	135	1.91	6.2	3	4.2
*Blk BLANK	<0.5	0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	313	94.2	30.10	5.5	10	4.1
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	301	91.4	29.62	5.3	10	4.1
*Rep V389686	42.1	91.0	0.75	26.7	3	2.0
*Std OREAS 905	27.5	134	1.85	3.7	3	3.8

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389662	1.92	7.74	0.59	101	0.75	3.10

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Ta GE_IMS40Q12	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389663	2.00	3.81	0.20	76.0	0.78	2.33
V389664	2.34	4.95	0.26	86.6	0.94	3.49
V389665	<0.05	<0.05	<0.05	0.9	0.13	0.45
V389666	4.23	4.32	0.35	107	0.69	3.37
V389667	3.60	3.32	0.15	56.5	1.13	3.46
V389668	2.34	3.81	0.84	24.4	0.21	2.04
V389669	6.58	1.59	0.12	22.9	0.89	4.20
V389670	6.48	1.23	0.17	15.5	1.02	4.89
V389671	6.04	2.47	0.23	48.2	1.58	5.70
V389672	6.32	2.84	0.13	43.1	0.69	6.62
V389673	0.88	3.53	0.16	39.3	0.53	7.06
V389674	2.90	3.64	0.16	61.7	0.82	2.88
V389675	4.33	2.69	0.15	42.8	0.87	1.99
V389676	3.42	2.48	0.16	40.6	0.80	1.99
V389677	2.13	2.52	0.14	41.3	0.80	3.23
V389678	3.89	3.45	0.18	55.2	0.69	3.25
V389679	4.50	2.97	0.30	24.4	1.26	5.65
V389680	0.44	0.53	1.81	3.6	0.34	49.34
V389681	7.35	2.38	0.29	35.9	1.54	7.61
V389682	3.26	2.50	0.15	28.3	1.16	4.35
V389683	5.49	2.45	0.23	20.4	1.07	11.88
V389684	4.13	4.68	0.43	41.4	1.08	10.90
V389685	0.61	8.92	0.54	19.6	0.37	32.12
V389686	2.96	3.24	0.21	61.6	1.02	2.07
V389687	4.47	3.29	0.17	44.6	0.76	2.40
V389688	7.02	4.30	0.61	48.5	1.00	5.38
V389689	6.88	5.02	0.45	55.9	0.65	4.63
V389690	4.06	3.55	0.13	80.2	0.49	2.41
V389691	1.66	4.15	0.16	69.3	0.61	2.31

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method	@Ta GE_IMS40Q12	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389692	2.92	1.27	0.30	13.4	1.00	2.88
V389693	4.23	1.91	0.09	17.7	0.48	3.77
V389694	6.82	4.48	0.21	108	0.64	4.45
V389695	0.44	4.71	0.24	73.1	0.92	4.94
V389696	3.45	3.15	0.16	43.3	0.31	2.63
V389697	2.63	2.17	0.06	20.8	0.57	2.22
V389698	3.85	3.33	0.11	32.0	0.68	3.44
V389699	2.62	2.40	0.11	16.7	1.15	2.98
V389700	0.80	2.77	0.10	27.8	0.64	2.92
V389701	5.57	2.35	0.12	29.5	0.41	2.58
V389702	1.54	7.52	0.67	106	0.50	5.43
V389703	3.22	2.49	0.21	21.6	0.75	2.46
V389704	2.13	3.42	0.17	22.8	0.40	3.83
V389705	0.27	5.38	0.16	26.9	0.30	4.09
V389706	4.24	2.20	0.10	15.4	0.52	1.79
V389707	1.13	3.05	0.08	47.6	0.54	2.53
V389708	3.40	3.00	0.21	48.3	0.38	3.46
V389709	1.17	2.65	0.13	27.0	0.68	3.44
V389710	2.70	2.97	0.17	28.1	0.52	3.27
V389711	1.98	1.41	0.06	12.9	0.46	2.71
V389712	1.19	3.38	0.26	39.7	0.65	4.18
V389713	1.04	3.62	0.26	43.6	0.59	2.65
V389714	1.92	3.67	0.17	36.4	0.36	3.68
V389715	0.74	0.92	1.89	11.5	0.50	20.18
V389716	5.06	5.11	0.17	61.7	0.39	7.63
V389717	1.37	1.95	0.09	20.0	0.72	4.85
V389718	3.69	6.13	0.14	108	0.45	7.55
V389719	2.70	2.42	0.11	26.8	0.51	3.90
V389720	0.95	4.36	0.15	44.0	0.51	9.05

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389721	1.16	3.21	0.17	67.3	0.86	4.23
V389722	0.96	3.56	0.21	62.1	0.98	1.99
V389723	2.21	3.44	0.32	61.3	0.93	1.27
V389724	4.02	2.96	0.17	50.9	0.97	4.76
V389725	2.60	3.11	0.13	89.1	1.07	4.32
V389726	1.69	3.17	0.13	99.4	1.07	4.15
V389727	1.40	5.12	0.25	143	0.91	9.42
V389728	0.65	2.92	0.11	34.2	0.70	5.61
V389729	0.14	2.62	0.06	27.9	0.53	7.65
V389730	<0.05	<0.05	<0.05	0.3	0.04	0.41
V389731	3.50	2.75	0.08	31.7	0.59	6.79
V389732	2.27	2.15	0.16	25.7	0.76	2.28
V389733	3.67	3.77	0.19	60.3	0.90	5.27
V389734	6.05	3.50	0.18	63.2	0.97	5.90
V389735	0.16	3.15	0.12	37.8	0.93	6.14
V389736	0.59	4.02	0.14	38.0	0.93	6.50
V389737	1.39	4.78	0.24	49.0	0.88	7.67
*Dup V389700	3.83	2.86	0.15	29.2	0.64	3.34
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Rep V389704	1.99	3.32	0.23	22.9	0.41	3.85
*Std OREAS 601	0.87	0.53	14.20	11.0	1.14	3.77
*Std OREAS 905	1.28	0.80	0.08	14.3	0.68	4.95
*Std OREAS 905	1.32	0.81	0.08	14.9	0.67	5.03
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.91	0.52	14.92	10.8	1.10	3.85
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.99	0.56	14.48	12.4	1.16	3.81
*Rep V389686	3.19	3.14	0.22	62.9	1.01	2.13
*Std OREAS 905	1.33	0.76	0.07	13.2	0.70	4.79

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389662	9.5	155	8.7
V389663	5.3	79.8	6.2
V389664	9.8	107	7.7
V389665	0.3	1.2	0.1
V389666	6.7	90.4	7.6
V389667	11.5	74.2	5.8
V389668	24.0	86.1	5.0
V389669	17.3	38.2	2.7
V389670	21.8	27.8	1.9
V389671	9.4	63.9	4.3
V389672	6.4	59.0	4.0
V389673	4.0	75.4	5.0
V389674	7.0	76.4	4.9
V389675	10.9	56.3	3.8
V389676	8.8	53.0	3.6
V389677	4.9	49.3	3.4
V389678	7.0	59.0	3.9
V389679	8.1	60.4	4.1
V389680	114	17.1	1.9
V389681	14.9	61.8	3.9
V389682	4.9	56.7	3.6
V389683	17.6	60.4	3.6
V389684	11.3	114	7.6
V389685	2.8	218	11.5
V389686	7.0	58.5	3.8
V389687	20.4	60.4	4.0
V389688	18.0	120	7.6
V389689	6.3	119	7.3
V389690	5.9	62.7	4.0
V389691	7.7	99.9	6.2
V389692	7.6	30.4	2.1

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389693	2.2	41.8	2.6
V389694	9.5	94.0	6.9
V389695	9.5	105	6.6
V389696	50.3	65.9	4.3
V389697	21.1	42.9	2.7
V389698	10.8	60.3	4.0
V389699	11.2	51.8	3.0
V389700	4.0	64.4	4.2
V389701	8.5	49.7	3.1
V389702	7.6	187	9.8
V389703	15.0	54.0	3.5
V389704	4.1	63.6	4.1
V389705	1.0	111	6.2
V389706	4.9	47.0	2.9
V389707	2.0	62.4	3.8
V389708	8.4	61.1	4.3
V389709	6.4	62.6	4.2
V389710	8.0	65.4	3.8
V389711	6.1	33.2	2.3
V389712	5.4	81.2	6.0
V389713	6.1	84.8	6.4
V389714	4.5	81.3	5.7
V389715	126	30.0	3.0
V389716	5.1	139	9.3
V389717	6.2	42.6	2.6
V389718	3.8	153	11.8
V389719	2.9	59.0	4.3
V389720	4.1	114	9.3
V389721	7.9	86.7	6.8
V389722	7.5	85.0	6.1
V389723	5.8	81.3	5.0

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/ 181 Core (1-76)
 Number of Samples 76

ANALYSIS REPORT BBM20-05547

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389724	8.4	71.1	4.8
V389725	4.6	73.0	4.4
V389726	3.9	72.5	4.4
V389727	2.7	135	9.7
V389728	2.4	74.9	4.6
V389729	0.7	49.5	2.8
V389730	0.2	0.8	<0.1
V389731	2.6	62.4	4.2
V389732	5.2	50.0	3.2
V389733	26.2	100.0	6.1
V389734	8.8	85.0	5.2
V389735	1.2	70.3	4.0
V389736	2.9	99.3	6.6
V389737	3.5	120	8.0
*Dup V389700	9.9	64.0	4.3
*Blk BLANK	<0.1	<0.1	<0.1
*Rep V389704	5.1	64.8	4.1
*Std OREAS 601	5.4	12.0	0.6
*Std OREAS 905	2.6	16.6	0.7
*Std OREAS 905	2.6	17.1	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 601	5.2	12.2	0.6
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 601	5.6	11.8	0.7
*Rep V389686	9.9	57.5	3.8
*Std OREAS 905	2.7	14.5	0.6

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05550

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO:	Date Received	12-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, hk20-	Date Analysed	16-Nov-2020 - 03-Dec-2020
002, batch 08/ 26 Core		Date Completed	03-Dec-2020
Number of Samples	26	SGS Order Number	BBM20-05550

Methods Summary

Number of Sample	Method Code	Description
26	G_WGH_KG	Weight of samples received
25	G_PRP	Combined Sample Preparation
26	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
26	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
26	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
26	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Ag reporting limit raised and Ga is not reportable due to sample matrix interference.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389843	2.87	15	5.44	1890	10.86	40
V389844	2.28	30	1.03	2689	>15.00	20
V389845	2.01	14	3.54	2148	>15.00	162
V389846	2.96	14	4.32	811	13.53	145
V389847	2.21	18	4.17	1059	13.91	59
V389848	2.61	15	4.81	871	12.60	161
V389849	2.45	11	4.87	3952	13.25	36
V389850	0.05	194	5.19	262	1.95	40
V389851	2.43	18	3.99	1187	10.63	389
V389852	3.38	10	3.55	440	12.19	83
V389853	2.63	16	4.23	2206	9.58	430
V389854	2.50	19	4.13	1528	11.08	178
V389855	1.38	16	3.79	1404	9.94	176
V389856	2.18	13	3.95	652	10.66	208
V389857	2.78	17	4.08	2547	12.58	125
V389858	2.46	10	3.99	922	11.95	163
V389859	2.28	16	4.14	1286	11.05	254
V389860	2.21	10	4.02	821	11.20	114
V389861	2.82	13	3.97	492	10.89	53
V389862	2.59	18	3.22	455	10.14	27
V389863	2.38	13	4.59	1029	12.04	112
V389864	2.18	20	4.36	2183	12.01	343
V389865	2.74	12	4.77	3268	12.36	187
V389866	2.30	13	5.69	1810	8.47	152
V389867	2.12	22	5.22	1095	10.05	124
V389868	2.24	20	6.16	1349	9.04	78
*Std OREAS 905	-	-	7.41	2505	0.57	15
*Blk BLANK	-	-	<0.01	2	0.02	2
*Std OREAS 601	-	-	6.46	995	1.29	34

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element	Wtkg	@Au	@Al	@Ba	@Ca	@Cr
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Rep V389868	-	-	6.20	1106	9.19	75
*Blk BLANK	-	8	-	-	-	-
*Rep V389856	-	9	-	-	-	-
*Std SL76	-	5940	-	-	-	-
*Std oreas235	-	1680	-	-	-	-

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389843	75.2	8.47	3.27	101	4.46	2339
V389844	49.8	10.34	0.43	24	4.99	8567
V389845	112	6.74	2.28	81	5.54	4060
V389846	86.5	7.20	3.27	58	5.56	2938
V389847	75.8	7.58	2.61	66	5.29	3533
V389848	67.6	8.15	3.49	57	5.46	3094
V389849	92.4	7.47	3.34	64	4.81	2848
V389850	3274	>15.00	5.61	12	0.72	5073
V389851	62.5	9.62	3.78	47	6.72	3880
V389852	140	11.40	2.90	44	5.05	4659
V389853	110	9.84	3.84	28	7.44	2139
V389854	117	10.19	3.16	31	6.02	2216
V389855	166	12.25	2.87	32	5.90	2649
V389856	107	9.77	3.88	45	6.46	3248
V389857	69.8	7.07	3.82	45	5.87	3140
V389858	137	9.70	3.51	46	5.10	2455
V389859	84.4	8.70	4.10	55	6.29	3900
V389860	118	9.80	3.55	54	5.64	3183

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389861	149	10.74	3.21	64	5.16	3958
V389862	161	13.93	2.82	34	4.78	4240
V389863	113	8.79	3.26	61	4.79	3169
V389864	107	7.01	3.81	32	6.48	1403
V389865	82.7	7.19	3.29	51	5.34	2358
V389866	118	8.85	3.54	75	5.32	3082
V389867	111	8.52	4.02	102	5.44	3735
V389868	83.0	7.29	3.79	101	4.14	2568
*Std OREAS 905	1454	3.94	2.89	20	0.27	344
*Blk BLANK	0.9	0.02	<0.01	<1	<0.01	<2
*Std OREAS 601	963	2.46	2.16	21	0.39	462
*Rep V389868	82.9	7.29	3.83	103	4.15	2567

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389843	1.12	64	0.30	0.97	4782	1.59
V389844	0.19	71	1.03	1.16	3907	0.63
V389845	0.61	145	0.95	1.08	5032	0.35
V389846	0.52	150	0.60	1.39	3846	1.08
V389847	0.72	118	0.76	1.64	2987	0.80
V389848	0.49	114	0.72	1.54	2520	1.04
V389849	0.59	71	0.63	0.53	3622	0.61
V389850	0.22	52	0.07	2.64	92.0	0.49
V389851	0.30	250	0.18	1.02	2720	1.41
V389852	0.33	113	0.48	1.93	2702	1.62
V389853	0.38	152	0.28	1.09	2348	1.33

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method Lower Limit Upper Limit Unit	@Na GE_ICP40Q12 0.01 15 %	@Ni GE_ICP40Q12 1 10,000 ppm m / m	@P GE_ICP40Q12 0.01 15 %	@S GE_ICP40Q12 0.01 5 %	@Sr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ti GE_ICP40Q12 0.01 15 %
V389854	0.50	94	0.36	1.23	2348	1.61
V389855	0.40	88	0.28	1.58	1951	1.71
V389856	0.31	106	0.28	1.39	2174	1.37
V389857	0.42	125	0.45	0.76	2260	0.95
V389858	0.42	80	0.37	1.17	2309	1.59
V389859	0.35	106	0.19	0.89	3366	1.17
V389860	0.58	105	0.55	1.37	3025	1.67
V389861	0.63	85	0.32	1.66	3173	1.24
V389862	0.48	81	0.18	2.64	2644	2.01
V389863	0.72	90	0.26	1.15	2561	1.41
V389864	0.47	174	0.52	1.03	2721	1.59
V389865	0.88	116	0.46	0.65	2624	1.56
V389866	1.32	162	0.16	1.15	1556	1.57
V389867	0.59	123	0.28	1.12	2414	2.07
V389868	1.32	82	0.30	1.39	2015	1.46
*Std OREAS 905	2.36	11	0.03	0.07	157	0.12
*Blk BLANK	<0.01	<1	<0.01	<0.01	3.5	<0.01
*Std OREAS 601	1.45	27	0.05	1.00	227	0.18
*Rep V389868	1.33	83	0.29	1.36	2074	1.49

Element Method Lower Limit Upper Limit Unit	@V GE_ICP40Q12 2 10,000 ppm m / m	@Zn GE_ICP40Q12 1 10,000 ppm m / m	@Zr GE_ICP40Q12 0.5 10,000 ppm m / m	@Ag GE_IMS40Q12 1 100 ppm m / m	@Mo GE_IMS40Q12 0.05 10,000 ppm m / m	@As GE_IMS40Q12 1 10,000 ppm m / m
V389843	263	141	231	<1	82.21	12
V389844	168	272	125	<1	17.21	73
V389845	241	159	124	<1	58.99	39
V389846	228	178	202	<1	49.50	18

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389847	289	188	206	<1	162	17
V389848	326	182	246	<1	63.41	12
V389849	303	134	213	<1	50.74	14
V389850	94	28	193	2	86.39	687
V389851	380	442	263	<1	32.72	10
V389852	420	225	299	<1	48.08	21
V389853	300	131	202	<1	26.59	8
V389854	338	114	258	<1	32.06	11
V389855	377	143	319	<1	46.79	8
V389856	360	189	232	<1	42.43	12
V389857	302	182	189	<1	112	15
V389858	339	113	253	<1	71.74	13
V389859	306	175	227	<1	41.39	10
V389860	391	270	325	<1	47.82	25
V389861	427	283	226	<1	82.95	16
V389862	462	221	440	<1	84.45	17
V389863	343	184	355	<1	77.26	31
V389864	271	76	272	<1	13.53	16
V389865	301	142	227	<1	21.78	19
V389866	359	263	282	<1	103	13
V389867	346	387	200	<1	76.56	15
V389868	210	728	606	<1	50.67	14
*Std OREAS 905	10	131	253	<1	3.43	37
*Blk BLANK	<2	2	0.5	<1	0.12	<1
*Std OREAS 601	25	1298	155	48	4.09	335
*Rep V389868	210	739	610	<1	51.79	14

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389843	8.0	0.19	0.26	487	45.8	5
V389844	11.6	0.29	0.67	>1000	48.9	<1
V389845	13.1	0.52	0.68	>1000	45.0	3
V389846	13.1	0.16	0.41	639	41.8	3
V389847	8.8	0.15	0.56	657	42.2	3
V389848	12.2	0.20	0.30	424	39.7	3
V389849	7.6	0.20	0.19	703	35.9	3
V389850	0.9	12.37	0.09	168	782	<1
V389851	12.0	0.83	0.54	461	65.1	3
V389852	11.6	0.54	0.69	911	80.5	3
V389853	6.1	0.06	0.26	229	72.6	4
V389854	3.6	0.18	0.23	257	61.5	4
V389855	3.1	0.40	0.32	237	67.5	4
V389856	5.6	0.25	0.38	465	57.9	3
V389857	5.9	0.11	0.47	479	47.9	2
V389858	5.1	0.14	0.31	364	59.8	3
V389859	6.4	0.19	0.36	561	51.6	4
V389860	6.4	0.41	0.53	568	54.0	4
V389861	5.1	0.57	0.87	729	62.4	4
V389862	4.3	0.24	0.64	536	68.3	3
V389863	4.1	0.25	0.38	508	50.5	5
V389864	4.7	0.07	0.16	235	55.2	4
V389865	4.5	0.12	0.31	316	44.5	4
V389866	5.2	0.19	0.42	314	46.5	5
V389867	6.2	0.27	0.86	789	44.3	3
V389868	9.0	0.38	2.12	660	38.8	4
*Std OREAS 905	3.6	5.91	0.33	86.63	16.2	7
*Blk BLANK	<0.1	<0.04	<0.02	0.87	<0.1	<1
*Std OREAS 601	2.3	20.12	7.14	58.24	5.6	7

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



Order Number PO:
 Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 08/ 26 Core
 Number of Samples 26

ANALYSIS REPORT BBM20-05550

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389868	8.5	0.38	2.10	651	39.2	4

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389843	NR	4.89	0.10	285	0.48	126
V389844	NR	1.38	0.05	737	1.98	372
V389845	NR	1.27	0.06	796	1.13	44.0
V389846	NR	3.45	0.07	382	0.50	270
V389847	NR	2.38	0.07	350	0.93	100
V389848	NR	3.53	0.10	204	0.72	108
V389849	NR	2.46	0.09	390	0.89	64.4
V389850	NR	5.02	0.22	186	0.48	10.7
V389851	NR	5.56	0.13	249	0.70	75.8
V389852	NR	5.46	0.12	572	0.94	228
V389853	NR	4.30	0.09	122	0.37	54.3
V389854	NR	4.99	0.10	121	0.51	51.8
V389855	NR	6.10	0.12	121	0.47	51.3
V389856	NR	4.15	0.12	288	0.55	34.7
V389857	NR	3.73	0.08	244	0.64	117
V389858	NR	4.74	0.10	187	0.83	65.4
V389859	NR	4.62	0.10	342	0.63	64.3
V389860	NR	5.64	0.12	299	0.52	295
V389861	NR	3.32	0.14	373	0.81	54.5
V389862	NR	8.44	0.15	266	0.60	256
V389863	NR	7.64	0.13	282	0.63	133
V389864	NR	5.39	0.08	121	0.23	113

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389865	NR	4.57	0.09	173	0.54	162
V389866	NR	5.86	0.12	167	0.48	295
V389867	NR	4.70	0.12	435	0.76	298
V389868	NR	9.60	0.09	441	0.74	408
*Std OREAS 905	NR	6.70	0.65	41.7	0.11	18.8
*Blk BLANK	NR	<0.02	<0.02	<0.1	<0.01	<0.1
*Std OREAS 601	NR	4.14	1.61	28.9	0.10	13.1
*Rep V389868	NR	9.70	0.08	446	0.75	417

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389843	36.0	109	0.52	18.8	3	1.8
V389844	49.5	16.9	1.82	9.4	5	1.4
V389845	81.7	87.0	0.90	22.7	4	0.5
V389846	31.2	110	0.89	19.4	2	1.3
V389847	27.4	73.2	0.89	16.5	3	0.5
V389848	41.9	89.8	0.63	30.0	3	0.7
V389849	30.4	95.1	0.23	18.9	3	0.4
V389850	9.3	161	8.19	15.4	<2	9.8
V389851	140	102	0.31	30.0	3	2.4
V389852	55.6	82.6	0.58	26.3	3	3.1
V389853	22.3	103	0.40	29.9	<2	1.7
V389854	15.5	84.3	0.33	29.8	2	2.3
V389855	15.0	76.5	0.31	32.8	2	2.6
V389856	47.0	101	0.22	28.9	2	2.3
V389857	27.4	88.1	0.57	23.7	2	0.4

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389858	18.3	97.3	0.39	31.5	3	2.4
V389859	29.3	115	0.31	33.1	2	1.8
V389860	65.7	105	0.64	29.0	3	2.8
V389861	58.7	93.4	0.28	25.6	3	2.8
V389862	47.6	83.7	0.57	25.2	3	3.4
V389863	48.6	111	0.36	35.9	3	2.3
V389864	9.4	142	0.26	35.2	<2	1.5
V389865	21.5	124	0.60	29.8	2	1.6
V389866	52.7	140	1.22	28.6	2	2.0
V389867	151	122	0.71	23.8	3	2.4
V389868	253	132	1.23	23.0	3	2.8
*Std OREAS 905	30.9	135	1.91	6.2	3	4.2
*Blk BLANK	<0.5	0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	313	94.2	30.10	5.5	10	4.1
*Rep V389868	252	135	1.31	22.8	3	2.7

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389843	2.91	2.67	0.14	28.7	0.61	2.83
V389844	4.59	5.68	0.21	125	0.30	4.82
V389845	0.62	5.12	0.29	79.6	1.17	5.72
V389846	2.97	2.31	0.18	35.0	0.84	3.74
V389847	2.13	3.74	0.25	50.6	0.68	8.59
V389848	2.13	2.99	0.15	65.8	0.53	8.59
V389849	1.44	3.61	0.14	51.3	0.38	9.73
V389850	0.73	0.90	1.98	10.9	0.51	20.44

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



Order Number
Submission Number
002, batch 08/ 26 Core
Number of Samples

PO:
SD VR RESOURCES/ H-K, hk20-
26

ANALYSIS REPORT BBM20-05550

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389851	1.25	2.72	0.11	42.6	0.74	4.04
V389852	2.37	3.36	0.19	40.8	0.72	3.57
V389853	1.61	1.51	0.07	14.1	0.68	2.17
V389854	1.35	1.91	0.07	15.2	0.64	2.39
V389855	1.60	1.76	0.08	12.1	0.70	2.02
V389856	0.65	2.65	0.07	28.6	0.42	3.02
V389857	0.76	2.82	0.11	30.3	0.46	5.20
V389858	1.32	3.20	0.07	31.5	0.42	2.89
V389859	1.60	2.53	0.08	35.3	0.44	3.79
V389860	3.93	2.59	0.17	58.3	0.43	4.75
V389861	0.57	3.77	0.13	53.5	0.66	3.13
V389862	2.31	2.65	0.17	33.7	0.34	3.37
V389863	2.21	2.90	0.10	36.4	0.28	3.95
V389864	4.20	1.34	0.15	14.6	0.36	3.24
V389865	3.63	2.10	0.09	31.0	0.48	2.86
V389866	4.82	1.73	0.20	20.0	0.86	1.37
V389867	3.49	3.70	0.17	56.6	0.75	3.65
V389868	12.43	2.62	0.19	53.8	1.01	12.49
*Std OREAS 905	1.32	0.81	0.08	14.9	0.67	5.03
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.91	0.52	14.92	10.8	1.10	3.85
*Rep V389868	12.28	2.63	0.18	53.9	1.00	12.25

Element Method Lower Limit Upper Limit Unit	@W GE_IMS40Q12 0.1 10,000 ppm m / m	@Y GE_IMS40Q12 0.1 10,000 ppm m / m	@Yb GE_IMS40Q12 0.1 1,000 ppm m / m
V389843	11.1	53.9	3.2

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



Order Number PO:
 Submission Number *SD* VR RESOURCES/ H-K, hk20-
 002, batch 08/ 26 Core
 Number of Samples 26

ANALYSIS REPORT BBM20-05550

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389844	10.6	134	12.3
V389845	6.4	117	7.6
V389846	13.6	55.6	3.3
V389847	15.7	91.5	6.2
V389848	10.2	69.6	4.8
V389849	3.6	85.1	5.7
V389850	118	30.0	3.0
V389851	5.8	60.4	4.3
V389852	13.7	88.5	6.2
V389853	2.7	36.0	2.3
V389854	2.6	47.1	3.2
V389855	3.2	41.6	2.8
V389856	3.0	56.9	3.6
V389857	10.3	63.1	4.2
V389858	7.1	84.3	5.6
V389859	5.3	57.8	4.1
V389860	8.2	50.6	3.2
V389861	3.6	81.8	5.3
V389862	8.6	51.0	3.5
V389863	5.4	61.9	4.0
V389864	3.7	27.5	1.5
V389865	5.2	51.1	3.3
V389866	11.3	37.6	2.8
V389867	10.5	74.2	5.2
V389868	15.4	68.0	4.9
*Std OREAS 905	2.6	17.1	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 601	5.2	12.2	0.6
*Rep V389868	14.9	70.2	5.0

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



Order Number PO:
Submission Number *SD* VR RESOURCES/ H-K, hk20-
002, batch 08/ 26 Core
Number of Samples 26

ANALYSIS REPORT BBM20-05550

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05551

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	11-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, HK20-002, Batch 07/181 Core (77-152)	Date Analysed	13-Nov-2020 - 21-Dec-2020
Number of Samples	76	Date Completed	21-Dec-2020
		SGS Order Number	BBM20-05551

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
73	G_PRP	Combined Sample Preparation
76	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
76	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
76	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
76	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3),ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Interferences observed in Ag and Ga.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389738	2.10	9	3.46	4445	11.74	97
V389739	2.31	<5	4.06	3633	13.40	95
V389740	2.29	5	3.26	1051	13.99	132
V389741	2.43	<5	2.49	365	10.90	76
V389742	2.24	5	4.02	3581	13.45	116
V389743	2.37	<5	4.19	1287	12.19	114
V389744	3.21	<5	3.75	949	14.32	50
V389745	1.65	9	0.38	378	>15.00	7
V389746	1.92	<5	7.42	2513	6.45	29
V389747	2.99	<5	5.54	3130	10.57	51
V389748	2.08	<5	6.95	2335	6.46	69
V389749	2.34	7	8.60	2317	2.66	2
V389750	0.06	732	3.17	182	2.82	29
V389751	1.45	<5	8.60	7247	1.02	2
V389752	2.11	<5	8.36	3808	2.11	3
V389753	1.94	<5	8.85	711	1.23	3
V389754	2.89	6	5.82	1980	7.56	85
V389755	2.32	<5	3.71	3077	11.02	42
V389756	2.12	<5	4.82	3631	12.58	33
V389757	2.36	6	4.65	4629	12.95	66
V389758	2.01	5	4.67	4126	13.75	44
V389759	1.41	<5	3.57	3195	12.48	66
V389760	3.14	5	3.01	1865	11.20	54
V389761	1.85	<5	5.08	2339	8.70	95
V389762	2.65	<5	5.72	5224	9.52	62
V389763	2.11	<5	5.80	3862	8.90	76
V389764	2.06	<5	5.76	3397	8.88	64
V389765	1.20	<5	0.06	815	>15.00	2
V389766	2.19	<5	4.81	2580	10.17	103

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389767	2.39	<5	4.20	4312	12.48	69
V389768	2.45	<5	6.37	1466	8.83	32
V389769	2.36	<5	5.21	4355	10.53	114
V389770	2.36	<5	4.03	3827	11.09	169
V389771	2.41	<5	4.45	4126	14.05	50
V389772	2.36	<5	4.78	4359	10.34	158
V389773	2.31	<5	6.05	1522	8.71	36
V389774	2.23	<5	4.09	3568	13.71	25
V389775	2.21	<5	4.99	1755	11.04	41
V389776	-	<5	4.85	1595	11.36	36
V389777	2.44	<5	7.48	2575	6.55	33
V389778	1.96	<5	4.66	1522	11.10	34
V389779	2.18	<5	7.09	2564	6.77	52
V389780	2.79	<5	5.28	2631	10.37	114
V389781	2.50	<5	5.84	4110	9.80	33
V389782	2.39	<5	6.03	2163	9.24	51
V389783	2.45	<5	6.24	2552	10.00	35
V389784	2.55	<5	4.66	2267	10.93	108
V389785	2.58	<5	7.05	3666	8.83	34
V389786	2.40	<5	6.83	3209	8.31	34
V389787	2.21	<5	6.49	1521	7.24	30
V389788	0.85	<5	3.37	1561	12.39	15
V389789	3.94	<5	6.78	1905	7.57	29
V389790	0.06	159	5.18	1347	1.95	36
V389791	1.68	<5	4.26	1217	12.79	70
V389792	2.78	<5	7.24	2295	6.32	59
V389793	2.16	<5	7.17	2476	6.79	57
V389794	2.10	<5	6.69	4073	8.15	53
V389795	2.30	<5	6.83	1684	7.52	66

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
V389796	2.49	<5	6.84	1722	9.19	25
V389797	2.47	<5	7.31	1547	7.85	28
V389798	2.63	<5	7.25	1692	7.43	30
V389799	2.42	6	6.29	3013	10.09	39
V389800	2.78	7	7.29	1945	7.28	30
V389801	2.37	5	7.50	2324	7.24	37
V389802	2.27	5	3.63	4451	13.80	29
V389803	2.27	<5	4.56	2339	11.98	47
V389804	2.35	17	6.68	2253	8.87	30
V389805	2.45	7	4.26	1771	14.97	31
V389806	2.48	7	7.57	1332	8.12	69
V389807	2.79	7	7.22	1523	8.44	64
V389808	2.30	<5	7.12	6120	8.08	26
V389809	2.39	5	6.73	2092	8.47	27
V389810	2.40	<5	6.53	1984	8.81	47
V389811	2.47	6	5.39	1383	10.83	57
V389812	2.47	<5	6.60	6653	10.05	67
V389813	2.64	<5	6.31	4677	11.11	83
*Dup V389777	2.44	<5	7.47	2760	6.45	43
*Rep V389812	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Blk BLANK	-	-	<0.01	<1	<0.01	<1
*Std SL76	-	5930	-	-	-	-
*Std OREAS 601	-	-	6.52	847	1.28	36
*Std OREAS 905	-	-	7.49	2682	0.59	15
*Rep V389813	-	-	5.91	4829	11.03	79
*Blk BLANK	-	-	<0.01	<1	<0.01	1
*Std OREAS 601	-	-	6.79	2814	1.32	26
*Rep V389758	-	-	4.68	4181	13.67	50

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Rep V389785	-	-	6.76	3611	8.65	29
*Std OREAS 601	-	-	6.29	1718	1.26	32
*Blk BLANK	-	-	<0.01	<1	<0.01	<1
*Std OREAS 905	-	-	7.28	2644	0.59	14
*Std OREAS 905	-	-	7.42	2665	0.58	15
*Blk BLANK	-	7	-	-	-	-
*Std SL76	-	5920	-	-	-	-
*Std GS-9B	-	9690	-	-	-	-
*Rep V389759	-	<5	-	-	-	-
*Rep V389775	-	<5	-	-	-	-
*Rep V389792	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std oreas235	-	1690	-	-	-	-
*Blk BLANK	-	10	-	-	-	-
*Std OREAS250	-	320	-	-	-	-

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389738	56.8	7.98	3.19	35	5.81	3896
V389739	69.3	6.78	4.11	26	5.39	2789
V389740	109	5.75	3.56	28	5.35	3298
V389741	46.6	6.24	2.82	20	4.59	4802
V389742	78.6	6.31	4.08	28	5.33	3515
V389743	88.7	7.04	4.39	36	5.27	4509
V389744	67.0	6.13	3.31	58	3.36	5720
V389745	59.9	5.16	0.32	9	2.04	>10000

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389746	104	7.96	3.94	68	3.34	1478
V389747	56.1	7.15	4.20	51	3.90	2987
V389748	23.6	5.72	4.54	55	2.62	2174
V389749	12.4	5.90	6.26	44	1.47	706
V389750	>10000	>15.00	3.23	8	0.30	2697
V389751	5.8	4.02	6.33	22	0.85	324
V389752	5.1	3.71	7.03	17	1.12	791
V389753	27.5	3.61	6.78	23	0.88	375
V389754	52.4	5.81	3.34	238	4.33	3188
V389755	191	6.29	2.24	317	4.04	5211
V389756	152	4.80	2.81	337	2.66	3843
V389757	71.3	5.85	3.52	360	3.69	3666
V389758	115	6.08	3.56	270	3.34	4503
V389759	70.0	5.50	3.41	229	4.98	4184
V389760	39.3	5.69	1.05	23	4.20	4708
V389761	79.3	6.52	3.04	167	5.13	3273
V389762	79.8	7.45	3.76	160	3.72	2810
V389763	67.2	6.61	3.96	272	3.63	3645
V389764	134	6.09	3.61	255	3.74	3553
V389765	1.4	0.11	0.05	28	13.22	402
V389766	124	5.64	3.01	204	4.34	4118
V389767	77.4	6.11	3.32	218	4.06	3985
V389768	55.5	6.78	4.03	132	3.10	3414
V389769	77.5	6.43	4.17	180	4.16	2777
V389770	80.0	6.38	3.20	114	4.57	3238
V389771	100	6.15	3.25	211	3.43	3366
V389772	56.8	7.15	4.41	262	5.07	4148
V389773	45.0	8.67	4.41	142	3.94	3529
V389774	74.2	5.87	3.33	54	4.59	3712

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389775	60.2	6.20	4.59	58	3.65	3384
V389776	63.9	6.00	4.43	57	3.62	3370
V389777	60.7	7.93	4.14	111	3.31	1987
V389778	69.2	6.86	4.16	59	3.54	7982
V389779	61.7	7.53	5.86	86	3.57	4201
V389780	86.6	7.06	5.08	62	5.16	2693
V389781	56.6	6.72	4.41	133	3.21	3519
V389782	98.2	6.77	5.34	111	3.81	2814
V389783	79.4	6.68	4.53	69	3.78	2574
V389784	91.9	7.05	4.29	52	5.48	3000
V389785	107	7.71	4.53	127	3.67	3451
V389786	59.6	7.83	4.45	100	3.60	2265
V389787	48.0	8.03	4.43	89	3.96	2409
V389788	31.3	7.01	1.57	31	4.11	4061
V389789	62.6	7.93	4.26	77	3.55	2594
V389790	3354	>15.00	5.64	12	0.74	5270
V389791	39.6	7.53	3.25	56	3.71	3397
V389792	63.3	8.21	3.88	83	4.30	1836
V389793	104	7.82	3.77	103	4.13	1876
V389794	51.8	7.10	4.12	122	3.55	2417
V389795	57.7	7.43	4.49	138	3.87	2266
V389796	48.7	6.89	4.14	141	3.15	2564
V389797	41.2	6.98	4.66	137	3.57	2769
V389798	54.6	7.21	4.89	128	3.74	2616
V389799	40.0	7.26	4.56	138	4.02	3679
V389800	65.7	7.86	4.96	162	3.62	2485
V389801	48.3	7.34	5.31	190	3.71	2866
V389802	27.9	6.37	3.29	67	4.95	6233
V389803	46.6	7.08	4.41	104	4.83	4729

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389804	42.9	7.68	4.14	163	3.94	4556
V389805	48.5	7.44	2.16	65	3.33	3756
V389806	81.3	8.00	3.44	146	2.74	1525
V389807	45.8	6.65	3.41	163	3.07	2291
V389808	37.3	7.48	4.63	200	3.74	2977
V389809	39.0	7.60	3.80	137	3.57	2576
V389810	51.5	8.07	3.63	180	3.91	4035
V389811	132	9.43	3.32	135	3.59	3402
V389812	32.2	7.66	3.57	162	4.12	2961
V389813	65.2	7.42	3.43	118	4.65	2546
*Dup V389777	60.4	8.02	4.46	111	3.31	1972
*Blk BLANK	1.0	<0.01	<0.01	<1	<0.01	<2
*Std OREAS 601	1016	2.50	2.25	22	0.39	493
*Std OREAS 905	1515	4.05	2.87	21	0.29	389
*Rep V389813	58.1	7.59	2.89	98	4.31	2543
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2
*Std OREAS 601	1025	2.48	2.26	22	0.40	495
*Rep V389758	113	6.16	3.57	271	3.36	4549
*Rep V389785	100	7.46	3.32	122	3.55	3391
*Std OREAS 601	1025	2.39	2.10	21	0.38	465
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2
*Std OREAS 905	1523	3.82	2.89	19	0.27	361
*Std OREAS 905	1490	3.81	2.91	20	0.28	359

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389738	0.25	99	0.82	1.21	1138	1.05
V389739	0.33	113	0.53	1.20	3183	0.67
V389740	0.24	105	0.54	1.19	3206	0.64
V389741	0.22	77	0.60	1.33	2978	0.66
V389742	0.42	100	0.60	1.15	3428	0.57
V389743	0.51	100	0.60	1.77	3670	0.90
V389744	0.60	53	0.60	1.50	8396	0.74
V389745	0.09	15	0.03	2.10	8238	0.15
V389746	1.49	37	0.58	1.16	2632	1.76
V389747	0.69	45	0.63	1.21	2422	1.30
V389748	1.23	52	0.65	1.02	1425	0.84
V389749	1.01	14	0.66	0.30	396	0.75
V389750	0.14	71	0.06	3.24	214	0.26
V389751	1.50	8	0.07	0.24	209	0.13
V389752	1.35	6	0.06	0.17	180	0.13
V389753	1.82	18	0.07	0.10	164	0.14
V389754	0.93	59	0.52	1.23	817	0.94
V389755	0.39	48	0.57	0.48	1398	0.88
V389756	0.99	54	0.54	0.41	5328	0.85
V389757	0.48	67	0.53	0.54	6131	0.87
V389758	0.55	51	0.54	1.09	4633	1.15
V389759	0.48	99	0.63	0.61	2952	0.63
V389760	0.18	37	0.47	0.43	1378	0.73
V389761	0.28	92	0.68	0.51	964	1.15
V389762	0.29	70	0.65	0.57	2679	1.32
V389763	1.10	59	0.53	0.62	3674	1.27
V389764	0.42	61	0.59	0.50	1640	1.28
V389765	0.05	1	<0.01	0.03	182	<0.01
V389766	0.56	61	0.42	0.58	3026	1.08

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389767	1.21	67	0.53	0.38	5674	1.13
V389768	1.67	33	0.55	1.18	4268	1.52
V389769	0.84	81	0.59	0.56	4179	1.41
V389770	0.78	69	0.52	0.41	3474	1.26
V389771	0.95	45	0.69	0.52	4916	0.93
V389772	0.93	117	0.54	0.42	6053	1.27
V389773	0.65	37	0.70	1.17	3951	1.67
V389774	0.12	46	0.31	0.59	3504	0.60
V389775	0.21	44	0.54	1.32	2453	1.13
V389776	0.20	40	0.53	1.27	2433	1.08
V389777	0.63	32	0.57	1.13	2214	1.64
V389778	0.36	42	0.41	2.92	3496	1.14
V389779	0.71	38	0.54	1.58	2150	1.61
V389780	0.56	104	0.55	1.03	3211	1.14
V389781	1.22	32	0.55	0.98	4517	1.08
V389782	0.78	60	0.57	1.21	3077	1.34
V389783	1.09	51	0.55	0.95	3823	1.28
V389784	0.43	102	0.64	1.61	2817	1.29
V389785	1.39	43	0.57	0.71	3350	1.58
V389786	1.09	38	0.49	1.02	3419	1.57
V389787	0.79	36	0.57	1.67	2207	1.71
V389788	0.78	18	0.36	1.33	1549	0.96
V389789	1.30	36	0.55	1.50	2622	1.84
V389790	0.22	47	0.07	2.80	86.5	0.47
V389791	0.36	68	0.43	2.66	2856	1.17
V389792	1.32	70	0.54	0.80	2130	1.64
V389793	1.25	56	0.52	0.85	2990	1.49
V389794	1.64	41	0.49	0.83	4068	1.41
V389795	1.42	49	0.52	1.22	3917	1.52

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389796	1.43	28	0.51	1.14	6843	1.42
V389797	1.25	30	0.55	1.07	4527	1.43
V389798	1.03	31	0.55	1.44	3561	1.48
V389799	0.84	36	0.53	0.85	5455	1.27
V389800	1.05	32	0.52	1.64	4150	1.46
V389801	1.15	44	0.60	1.20	4368	1.59
V389802	0.50	37	0.53	0.79	4667	0.87
V389803	0.33	57	0.51	1.09	4817	1.15
V389804	1.18	43	0.58	1.05	5827	1.45
V389805	0.97	50	0.57	1.49	>10000	0.68
V389806	2.05	68	0.46	2.10	5469	1.02
V389807	1.86	60	0.57	1.13	5274	1.32
V389808	0.93	33	0.49	0.74	5297	1.51
V389809	1.25	28	0.58	1.18	3764	1.55
V389810	1.33	45	0.51	1.46	4659	1.54
V389811	1.01	52	0.46	2.24	6174	1.32
V389812	1.21	50	0.59	0.46	5661	1.33
V389813	1.37	105	0.65	0.43	4387	1.28
*Dup V389777	0.62	35	0.58	1.11	2195	1.63
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Std OREAS 601	1.48	25	0.04	1.11	236	0.18
*Std OREAS 905	2.42	11	0.03	0.08	166	0.12
*Rep V389813	1.21	110	0.62	0.39	4366	1.22
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Std OREAS 601	1.50	20	0.05	1.16	230	0.18
*Rep V389758	0.56	52	0.59	1.14	4675	1.21
*Rep V389785	1.34	45	0.58	0.72	3218	1.52
*Std OREAS 601	1.40	24	0.05	1.11	223	0.18
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
*Std OREAS 905	2.31	10	0.03	0.07	159	0.12
*Std OREAS 905	2.37	9	0.03	0.07	154	0.12

Element	@V	@Zn	@Zr	@Ag	@Mo	@As
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389738	354	165	220	<1	157	33
V389739	330	190	192	<1	164	26
V389740	318	160	213	<1	79.92	17
V389741	242	111	159	<1	36.99	14
V389742	337	118	134	<1	60.66	23
V389743	391	175	123	<1	71.65	25
V389744	278	207	83.8	<1	205	11
V389745	52	437	14.4	<1	42.43	5
V389746	235	91	198	<1	23.93	11
V389747	290	99	211	<1	190	18
V389748	161	73	350	<1	79.27	16
V389749	69	14	369	<1	5.36	4
V389750	90	29	107	3	283	711
V389751	4	7	647	<1	1.51	2
V389752	4	8	592	<1	1.29	1
V389753	5	6	659	<1	2.76	3
V389754	187	65	264	<1	141	15
V389755	267	78	150	<1	248	14
V389756	232	91	119	<1	78.74	15
V389757	254	117	139	<1	49.26	11
V389758	325	186	229	<1	279	15

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389759	287	101	136	<1	157	17
V389760	184	10	151	<1	64.56	12
V389761	268	55	194	<1	206	27
V389762	289	86	248	<1	392	18
V389763	256	124	187	<1	174	16
V389764	287	113	195	<1	147	17
V389765	5	19	2.1	<1	1.54	1
V389766	275	87	180	<1	91.38	13
V389767	248	162	190	<1	130	24
V389768	276	147	127	<1	112	22
V389769	359	141	188	<1	187	22
V389770	261	92	178	<1	127	17
V389771	263	230	153	<1	154	12
V389772	351	176	302	<1	126	22
V389773	403	186	203	<1	138	29
V389774	447	172	1138	<1	175	14
V389775	549	103	376	<1	509	21
V389776	544	97	391	<1	518	23
V389777	253	88	235	<1	51.28	12
V389778	292	108	152	<1	109	15
V389779	318	165	219	1	139	16
V389780	302	104	237	<1	53.54	19
V389781	343	129	171	<1	38.29	17
V389782	327	124	161	<1	56.93	16
V389783	226	112	155	<1	68.33	16
V389784	273	106	206	<1	58.84	25
V389785	259	152	230	<1	138	15
V389786	278	111	210	<1	111	14
V389787	278	92	193	<1	243	18

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@V	@Zn	@Zr	@Ag	@Mo	@As
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389788	235	31	140	<1	70.29	14
V389789	288	106	204	<1	105	15
V389790	99	27	179	1	86.84	625
V389791	237	96	153	<1	102	16
V389792	244	73	247	<1	53.94	11
V389793	239	99	237	<1	41.68	10
V389794	258	178	225	<1	122	10
V389795	259	227	231	<1	80.45	11
V389796	243	161	188	<1	99.70	10
V389797	244	188	246	<1	58.44	8
V389798	279	153	217	<1	94.82	8
V389799	265	213	195	<1	107	10
V389800	307	166	213	<1	51.31	7
V389801	270	210	249	<1	170	12
V389802	398	440	641	<1	995	27
V389803	426	606	658	2	1037	32
V389804	311	217	242	1	171	18
V389805	209	235	167	1	573	30
V389806	196	108	148	<1	771	17
V389807	237	109	187	<1	226	16
V389808	296	221	205	1	114	12
V389809	246	132	211	<1	108	11
V389810	283	203	219	1	53.99	9
V389811	227	153	170	2	57.82	8
V389812	297	147	228	<1	106	15
V389813	297	152	209	<1	97.50	16
*Dup V389777	247	86	247	<1	54.65	13
*Blk BLANK	<2	1	<0.5	<1	<0.05	<1
*Std OREAS 601	25	1227	155	51	4.15	326

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@V	@Zn	@Zr	@Ag	@Mo	@As
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	10	130	250	<1	3.59	33
*Rep V389813	-	-	-	<1	101	16
*Rep V389813	295	167	192	-	-	-
*Blk BLANK	<2	<1	<0.5	<1	<0.05	<1
*Std OREAS 601	26	1301	152	48	4.06	324
*Rep V389758	346	184	232	<1	261	16
*Rep V389785	261	149	224	<1	144	15
*Std OREAS 601	27	1348	152	48	4.11	315
*Blk BLANK	<2	<1	<0.5	<1	<0.05	<1
*Std OREAS 905	12	136	239	<1	3.69	31
*Std OREAS 905	11	130	234	<1	3.33	31

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389738	5.5	2.40	0.14	873	34.4	4
V389739	7.3	1.56	0.27	704	56.9	4
V389740	5.5	0.89	0.18	598	36.3	1
V389741	4.5	0.43	0.10	681	26.8	2
V389742	5.8	1.42	0.11	526	36.2	2
V389743	4.6	0.30	0.44	608	34.6	1
V389744	2.9	0.72	0.97	>1000	27.7	2
V389745	1.5	3.06	2.25	>1000	11.1	<1
V389746	3.8	0.28	0.04	238	35.4	4
V389747	5.2	0.82	0.16	674	32.4	3
V389748	3.8	0.90	0.11	598	26.5	2
V389749	3.8	0.08	<0.02	212	14.1	2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389750	0.5	12.07	0.19	110	843	<1
V389751	4.0	<0.04	<0.02	148	3.1	2
V389752	4.0	<0.04	<0.02	184	2.4	2
V389753	4.4	<0.04	<0.02	157	6.4	2
V389754	7.2	0.77	0.14	>1000	25.2	3
V389755	6.4	0.46	0.18	>1000	22.7	4
V389756	7.9	0.94	0.15	>1000	25.3	4
V389757	7.0	0.46	0.13	>1000	32.5	4
V389758	8.1	0.45	0.55	>1000	33.2	3
V389759	7.7	0.60	0.17	>1000	35.0	3
V389760	5.7	0.63	0.08	>1000	17.3	2
V389761	9.3	0.67	0.15	>1000	28.5	4
V389762	8.0	0.58	0.29	>1000	31.8	3
V389763	7.0	1.42	0.15	>1000	35.1	7
V389764	8.4	0.99	0.12	>1000	25.7	5
V389765	0.1	<0.04	0.08	13.98	1.7	<1
V389766	8.5	1.00	0.13	>1000	24.3	4
V389767	10.0	0.40	0.36	>1000	26.4	3
V389768	6.6	0.60	0.36	908	27.8	4
V389769	7.3	0.79	0.25	>1000	34.9	3
V389770	7.0	3.21	0.15	>1000	32.3	2
V389771	7.1	0.94	0.64	>1000	26.3	3
V389772	10.6	0.49	0.24	>1000	34.9	5
V389773	9.4	0.74	0.15	877	31.0	5
V389774	8.3	0.14	0.70	820	33.3	3
V389775	7.5	0.31	0.42	746	29.8	2
V389776	7.8	0.32	0.43	754	30.4	2
V389777	7.4	3.56	0.07	627	35.1	4
V389778	6.5	1.86	0.14	>1000	31.7	2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389779	9.0	0.83	0.17	726	34.8	4
V389780	8.5	0.32	0.12	568	42.5	4
V389781	8.4	0.72	0.13	>1000	30.9	4
V389782	6.0	0.47	0.18	556	35.0	3
V389783	7.1	0.36	0.18	655	33.4	3
V389784	9.8	4.05	0.16	604	39.6	3
V389785	7.0	1.03	0.28	754	33.1	5
V389786	5.9	0.52	0.17	672	35.8	4
V389787	5.8	0.81	0.21	>1000	44.3	3
V389788	5.3	0.24	0.10	427	19.9	1
V389789	5.6	0.70	0.14	532	43.1	4
V389790	0.8	12.54	0.10	176	795	<1
V389791	5.9	1.29	0.53	474	29.9	2
V389792	5.2	0.18	0.08	331	39.6	4
V389793	6.4	0.30	0.11	521	40.3	4
V389794	6.8	0.40	0.89	713	32.0	4
V389795	6.4	0.37	1.12	667	34.5	5
V389796	5.8	0.31	0.55	855	29.3	5
V389797	5.3	0.27	0.60	713	29.5	5
V389798	5.6	0.22	0.51	634	31.8	4
V389799	5.1	0.41	0.68	672	28.1	3
V389800	5.0	0.20	0.23	466	31.8	5
V389801	8.7	0.30	0.65	682	34.4	6
V389802	9.8	0.69	1.90	>1000	20.8	2
V389803	10.7	0.99	1.69	951	28.1	2
V389804	11.2	0.37	0.82	944	29.7	4
V389805	7.8	0.46	2.23	>1000	25.9	4
V389806	5.8	0.20	0.85	330	36.8	4
V389807	8.3	0.27	0.45	557	37.0	3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method Lower Limit Upper Limit Unit	@Be GE_IMS40Q12 0.1 2,500 ppm m / m	@Bi GE_IMS40Q12 0.04 10,000 ppm m / m	@Cd GE_IMS40Q12 0.02 10,000 ppm m / m	@Ce GE_IMS40Q12 0.05 1,000 ppm m / m	@Co GE_IMS40Q12 0.1 10,000 ppm m / m	@Cs GE_IMS40Q12 1 1,000 ppm m / m
V389808	7.1	0.18	0.53	601	31.1	4
V389809	6.2	0.21	0.31	549	30.9	4
V389810	8.3	0.20	0.91	823	34.7	4
V389811	5.2	0.25	0.89	615	50.2	4
V389812	5.4	0.11	0.38	664	32.9	6
V389813	6.1	0.19	0.33	462	37.4	5
*Dup V389777	8.0	3.58	0.07	681	36.8	4
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Std OREAS 601	2.3	18.87	8.66	62.21	5.5	8
*Std OREAS 905	3.0	5.35	0.39	95.42	15.3	8
*Rep V389813	6.3	0.20	0.34	466	37.7	5
*Blk BLANK	<0.1	<0.04	<0.02	0.32	<0.1	<1
*Std OREAS 601	2.4	20.37	7.72	62.62	5.9	7
*Rep V389758	8.3	0.44	0.52	>1000	32.9	3
*Rep V389785	7.0	0.97	0.27	752	32.6	5
*Std OREAS 601	2.4	20.98	7.92	64.80	5.4	7
*Blk BLANK	<0.1	<0.04	<0.02	0.71	<0.1	<1
*Std OREAS 905	3.3	5.55	0.36	88.29	14.4	7
*Std OREAS 905	3.4	5.75	0.35	95.44	15.2	6

Element Method Lower Limit Upper Limit Unit	@Ga GE_IMS40Q12 0.1 1,000 ppm m / m	@Hf GE_IMS40Q12 0.02 500 ppm m / m	@In GE_IMS40Q12 0.02 500 ppm m / m	@La GE_IMS40Q12 0.1 10,000 ppm m / m	@Lu GE_IMS40Q12 0.01 1,000 ppm m / m	@Nb GE_IMS40Q12 0.1 1,000 ppm m / m
V389738	NR	3.23	0.12	525	1.07	370
V389739	NR	2.31	0.08	428	1.03	33.8
V389740	NR	2.61	0.08	328	0.94	37.4
V389741	NR	2.18	0.19	305	0.67	31.9

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389742	NR	1.61	0.11	278	0.82	31.1
V389743	NR	1.88	0.12	322	0.96	66.0
V389744	NR	1.44	0.12	818	1.44	51.7
V389745	NR	0.41	0.07	2366	1.35	56.9
V389746	NR	5.27	0.08	137	0.39	113
V389747	NR	4.10	0.08	496	0.59	128
V389748	NR	5.44	0.05	375	0.73	435
V389749	NR	6.97	0.04	102	0.59	175
V389750	NR	3.20	0.32	87.2	0.31	5.8
V389751	NR	11.98	0.02	78.6	0.87	267
V389752	NR	10.83	0.04	98.2	0.81	247
V389753	NR	12.19	0.03	84.8	1.04	273
V389754	NR	4.58	0.10	950	1.59	404
V389755	NR	3.11	0.10	2027	3.09	171
V389756	NR	2.65	0.05	2662	3.50	118
V389757	NR	2.84	0.05	1869	3.24	73.4
V389758	NR	4.01	0.07	1575	3.07	226
V389759	NR	2.19	0.07	2000	3.06	61.8
V389760	NR	2.80	0.08	1212	2.03	189
V389761	NR	4.38	0.10	2225	2.62	237
V389762	NR	5.05	0.07	1584	2.14	266
V389763	NR	4.11	0.06	911	2.15	185
V389764	NR	4.39	0.08	2522	2.25	240
V389765	NR	0.04	<0.02	9.5	0.02	1.8
V389766	NR	3.92	0.11	1878	2.66	109
V389767	NR	4.23	0.08	2706	3.43	328
V389768	NR	3.31	0.10	676	1.11	436
V389769	NR	4.22	0.07	1151	1.92	340
V389770	NR	3.68	0.09	2207	2.47	157

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389771	NR	2.67	0.08	1466	1.97	221
V389772	NR	5.10	0.08	1803	2.64	324
V389773	NR	4.72	0.11	590	1.08	454
V389774	NR	11.11	0.10	473	2.07	11.3
V389775	NR	4.58	0.08	436	1.26	120
V389776	NR	4.87	0.09	436	1.31	113
V389777	NR	5.56	0.09	388	0.75	155
V389778	NR	2.88	0.15	525	0.79	319
V389779	NR	4.96	0.12	369	0.69	325
V389780	NR	4.18	0.08	319	0.55	76.2
V389781	NR	3.41	0.07	802	1.32	141
V389782	NR	3.87	0.08	347	1.02	193
V389783	NR	3.94	0.07	392	0.75	185
V389784	NR	4.30	0.09	349	0.62	264
V389785	NR	5.55	0.08	483	0.78	199
V389786	NR	5.05	0.07	453	0.66	138
V389787	NR	4.85	0.08	1025	0.72	220
V389788	NR	2.82	0.07	242	0.56	154
V389789	NR	5.26	0.09	336	0.65	202
V389790	NR	5.12	0.20	191	0.43	10.7
V389791	NR	3.43	0.08	282	0.81	222
V389792	NR	5.88	0.07	207	0.46	178
V389793	NR	5.45	0.07	354	0.58	136
V389794	NR	4.97	0.07	504	0.74	123
V389795	NR	5.53	0.07	495	0.59	195
V389796	NR	4.90	0.06	625	0.70	193
V389797	NR	5.68	0.07	477	0.63	206
V389798	NR	5.30	0.08	430	0.57	206
V389799	NR	4.55	0.08	447	0.61	214

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389800	NR	5.14	0.10	316	0.45	272
V389801	NR	5.62	0.08	498	0.68	228
V389802	NR	7.19	0.08	1055	1.94	362
V389803	NR	7.02	0.12	694	1.85	426
V389804	NR	5.24	0.09	645	0.98	346
V389805	NR	2.75	0.05	1039	1.59	381
V389806	NR	3.29	0.07	271	0.36	103
V389807	NR	4.35	0.08	425	0.68	204
V389808	NR	4.40	0.09	451	0.68	283
V389809	NR	5.09	0.07	383	0.66	227
V389810	NR	4.88	0.09	530	0.93	419
V389811	NR	3.62	0.08	395	0.65	468
V389812	NR	4.89	0.11	456	0.66	331
V389813	NR	4.33	0.08	316	0.64	233
*Dup V389777	NR	6.07	0.09	424	0.80	177
*Blk BLANK	NR	<0.02	<0.02	0.1	<0.01	0.2
*Std OREAS 601	NR	4.49	1.88	31.1	0.10	13.5
*Std OREAS 905	NR	6.67	0.72	46.6	0.10	18.6
*Rep V389813	NR	4.27	0.09	318	0.62	247
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	<0.1
*Std OREAS 601	NR	4.36	1.61	31.1	0.10	14.1
*Rep V389758	NR	3.83	0.06	1546	3.03	215
*Rep V389785	NR	5.32	0.08	477	0.78	187
*Std OREAS 601	NR	4.49	1.84	33.3	0.11	14.1
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	0.2
*Std OREAS 905	NR	6.98	0.68	44.7	0.11	19.2
*Std OREAS 905	NR	6.81	0.59	47.0	0.10	19.5

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389738	23.7	108	0.73	15.9	4	1.8
V389739	23.4	120	0.79	17.7	3	0.4
V389740	20.4	87.3	0.64	16.8	3	0.4
V389741	20.9	73.2	0.63	13.9	2	0.7
V389742	23.9	116	0.44	17.4	3	0.6
V389743	20.9	100	0.57	16.8	3	0.3
V389744	39.4	82.2	0.69	14.1	5	0.5
V389745	84.8	8.7	0.41	5.5	3	<0.3
V389746	11.9	106	0.87	15.8	2	1.7
V389747	16.5	106	1.11	16.3	2	1.2
V389748	24.9	104	1.60	11.0	2	2.2
V389749	6.2	133	0.27	8.0	2	1.6
V389750	12.5	84.0	9.55	7.6	4	9.6
V389751	4.1	172	0.13	3.1	<2	2.5
V389752	3.5	188	0.16	3.3	<2	2.3
V389753	5.5	182	0.22	3.6	2	2.6
V389754	20.8	123	1.20	12.6	4	2.3
V389755	10.7	96.1	0.71	12.6	9	1.3
V389756	14.8	124	0.72	12.4	11	1.4
V389757	14.9	148	0.52	15.8	9	0.5
V389758	29.9	136	0.94	14.1	8	0.9
V389759	21.2	115	0.75	15.0	9	0.6
V389760	7.0	41.1	0.86	10.0	5	1.2
V389761	15.5	113	1.07	18.2	8	1.8
V389762	15.6	133	1.06	15.7	6	1.6
V389763	13.0	161	0.76	15.1	5	1.7
V389764	15.1	151	0.82	16.4	8	1.6
V389765	2.4	1.5	0.21	<0.5	<2	<0.3
V389766	16.8	113	0.79	16.3	7	0.7

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389767	34.7	118	1.59	16.7	8	1.5
V389768	29.6	124	1.78	16.0	4	2.0
V389769	16.2	157	1.24	19.9	6	1.5
V389770	14.6	123	0.58	16.4	6	1.1
V389771	58.5	127	0.72	13.2	5	0.9
V389772	19.8	206	0.79	19.7	7	1.6
V389773	18.0	155	1.22	17.7	5	2.4
V389774	27.1	138	1.02	28.7	4	<0.3
V389775	26.2	96.3	1.32	16.9	4	0.4
V389776	26.1	96.3	1.40	17.8	4	0.4
V389777	19.9	103	1.20	17.0	3	1.8
V389778	63.0	78.9	1.71	13.0	4	1.5
V389779	16.2	129	0.89	17.7	4	2.0
V389780	16.8	127	0.47	22.0	2	1.2
V389781	20.9	118	0.89	13.7	4	0.6
V389782	23.1	116	0.71	17.9	4	1.5
V389783	17.3	113	0.72	15.9	3	1.2
V389784	22.0	104	0.94	20.7	3	1.4
V389785	15.3	128	0.78	17.5	3	1.4
V389786	14.3	120	1.08	17.9	3	1.3
V389787	21.4	114	1.33	16.8	4	1.4
V389788	14.9	42.7	0.91	10.8	2	1.0
V389789	28.0	113	1.12	18.9	3	1.4
V389790	8.3	164	8.47	15.8	<2	9.3
V389791	18.8	83.9	1.31	18.1	3	1.3
V389792	12.5	112	0.88	19.8	3	1.8
V389793	14.6	107	0.81	18.1	3	1.7
V389794	25.5	124	1.04	15.3	3	1.6
V389795	26.2	135	1.12	16.5	3	1.6

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389796	33.4	122	1.20	13.7	3	1.5
V389797	49.2	128	1.16	14.9	3	1.6
V389798	27.2	125	1.13	14.3	3	1.6
V389799	60.3	98.7	0.85	15.5	3	1.5
V389800	35.2	123	0.97	15.1	3	1.7
V389801	39.1	136	1.05	16.2	3	1.8
V389802	140	74.0	2.50	14.9	6	1.4
V389803	199	93.5	2.43	15.6	5	1.9
V389804	43.2	105	1.60	15.7	4	1.8
V389805	81.2	65.8	1.82	14.6	6	1.3
V389806	21.4	78.4	2.39	19.9	<2	1.1
V389807	42.9	87.7	2.01	19.6	3	1.5
V389808	40.4	124	1.41	15.0	3	1.8
V389809	21.8	103	1.16	14.4	3	1.6
V389810	21.3	103	0.96	17.0	4	1.5
V389811	28.1	103	1.03	14.9	3	1.4
V389812	33.8	125	1.23	18.4	2	2.0
V389813	26.9	134	0.89	18.9	2	1.6
*Dup V389777	18.6	119	1.29	17.9	4	1.9
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	315	96.2	31.25	5.5	11	4.8
*Std OREAS 905	28.2	136	1.96	5.7	2	4.6
*Rep V389813	27.5	134	0.93	19.6	2	1.7
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Std OREAS 601	315	99.2	30.40	6.0	11	3.9
*Rep V389758	29.7	134	0.81	14.5	8	1.4
*Rep V389785	15.6	104	0.79	16.9	3	1.5
*Std OREAS 601	327	102	33.41	5.9	11	4.2
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	27.3	142	2.01	6.0	3	4.0
*Std OREAS 905	27.2	142	1.91	6.1	3	4.3

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389738	5.97	4.71	0.32	56.0	0.87	16.42
V389739	0.41	4.11	0.37	43.1	1.13	15.92
V389740	0.10	3.57	0.18	42.0	0.73	9.99
V389741	0.08	2.94	0.30	55.0	0.48	4.42
V389742	0.43	3.28	0.37	40.8	0.67	5.40
V389743	0.12	4.01	0.24	68.7	0.54	4.00
V389744	0.48	7.51	0.37	149	0.63	5.43
V389745	0.24	4.39	0.66	134	0.32	0.83
V389746	4.42	1.76	0.15	15.1	1.44	1.25
V389747	2.04	2.52	0.27	30.7	1.22	5.42
V389748	16.12	2.29	0.16	73.6	0.51	16.17
V389749	9.35	1.69	<0.05	11.1	0.31	3.59
V389750	0.45	0.53	1.92	4.4	0.36	53.18
V389751	14.67	1.84	0.06	15.7	0.21	3.38
V389752	13.79	1.81	<0.05	17.3	0.22	3.52
V389753	14.92	1.87	<0.05	18.2	0.25	4.33
V389754	14.37	5.48	0.13	88.6	0.83	15.49
V389755	3.05	12.07	0.11	168	0.68	4.76
V389756	2.11	15.66	0.13	191	0.76	3.85
V389757	0.73	12.55	0.16	132	0.68	4.21
V389758	1.81	10.51	0.23	145	0.80	5.11

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389759	0.82	12.17	0.14	169	0.96	6.73
V389760	3.26	6.16	0.09	96.9	0.37	3.35
V389761	4.27	10.43	0.12	253	0.63	4.91
V389762	3.61	8.03	0.18	126	0.55	4.38
V389763	3.17	5.23	0.23	102	1.19	3.85
V389764	3.03	11.86	0.12	301	0.98	4.49
V389765	<0.05	0.05	<0.05	1.1	0.04	0.85
V389766	1.33	9.23	0.22	239	1.01	4.30
V389767	3.95	11.22	0.17	184	0.97	6.19
V389768	5.37	4.83	0.24	98.6	1.00	2.30
V389769	3.58	7.32	0.18	115	2.50	3.74
V389770	2.77	8.11	0.78	101	0.96	5.03
V389771	2.59	6.80	0.31	94.9	1.24	6.94
V389772	4.50	8.04	0.20	115	0.94	5.48
V389773	4.34	5.40	0.33	109	0.60	3.63
V389774	0.08	4.67	0.18	55.3	0.71	11.49
V389775	0.54	4.94	0.33	122	0.93	7.00
V389776	0.57	5.02	0.30	126	0.95	7.46
V389777	4.60	2.71	0.84	48.9	1.46	2.07
V389778	3.58	4.71	0.95	227	0.91	2.13
V389779	6.02	3.22	0.21	67.6	1.06	1.71
V389780	1.50	2.59	0.16	47.5	0.74	3.90
V389781	0.81	5.19	0.35	88.1	1.09	4.35
V389782	1.41	4.22	0.16	51.9	0.72	2.33
V389783	3.03	3.00	0.13	43.9	0.76	1.91
V389784	4.90	3.08	1.01	52.9	0.71	3.18
V389785	4.80	3.17	0.24	46.2	0.92	1.61
V389786	2.67	2.55	0.14	27.8	1.13	1.82
V389787	3.50	3.44	0.30	39.4	1.17	2.06

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element Method	@Ta GE_IMS40Q12	@Tb GE_IMS40Q12	@Te GE_IMS40Q12	@Th GE_IMS40Q12	@Tl GE_IMS40Q12	@U GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389788	2.40	2.52	0.10	14.1	0.47	1.74
V389789	3.92	2.62	0.22	40.0	1.40	1.56
V389790	0.71	0.87	1.87	10.6	0.53	19.40
V389791	3.53	3.36	0.33	64.6	0.82	2.20
V389792	5.79	1.95	0.11	23.0	0.97	2.45
V389793	3.15	2.23	0.13	30.0	0.89	2.66
V389794	3.28	2.90	0.15	45.2	0.95	2.43
V389795	4.13	2.36	0.18	36.1	0.97	2.17
V389796	5.03	3.01	0.23	44.7	0.85	1.81
V389797	5.13	2.65	0.20	30.4	0.91	2.05
V389798	5.97	2.50	0.17	27.1	0.96	1.90
V389799	4.68	3.11	0.21	69.0	0.76	2.40
V389800	5.55	2.10	0.18	32.4	0.89	2.04
V389801	5.53	2.88	0.22	41.3	1.36	1.91
V389802	2.61	6.79	0.37	188	0.96	10.16
V389803	2.23	6.08	0.55	150	1.19	9.95
V389804	5.48	4.62	0.26	88.5	0.79	2.95
V389805	2.86	9.23	0.35	183	1.00	4.66
V389806	4.45	1.39	0.19	9.6	1.84	2.39
V389807	5.79	3.12	0.21	45.6	1.96	2.37
V389808	4.87	2.78	0.17	65.7	1.05	2.44
V389809	5.34	3.18	0.19	64.4	0.85	2.22
V389810	6.17	4.16	0.21	75.2	0.61	2.99
V389811	6.16	3.18	0.24	145	0.49	3.22
V389812	6.11	2.80	0.19	43.7	0.64	2.69
V389813	6.63	2.70	0.14	44.1	0.89	4.51
*Dup V389777	5.63	2.84	1.00	52.1	1.49	2.14
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	1.04	0.57	17.42	12.0	1.22	4.31

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 905	1.42	0.83	0.09	15.7	0.72	5.33
*Rep V389813	7.07	2.64	0.17	44.5	0.87	4.46
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 601	0.94	0.52	14.15	10.3	1.17	3.72
*Rep V389758	2.11	10.62	0.22	145	0.79	5.10
*Rep V389785	4.54	3.16	0.22	44.8	0.91	1.56
*Std OREAS 601	0.95	0.57	15.07	11.7	1.19	4.01
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Std OREAS 905	1.34	0.85	0.08	14.2	0.67	4.78
*Std OREAS 905	1.28	0.78	0.07	13.6	0.69	4.69

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389738	7.6	112	8.1
V389739	5.0	107	7.2
V389740	4.0	89.5	6.4
V389741	6.0	59.1	4.6
V389742	4.0	78.9	5.6
V389743	5.6	90.8	6.7
V389744	7.2	162	10.6
V389745	4.4	84.9	8.6
V389746	14.7	41.2	2.6
V389747	9.7	57.5	4.0
V389748	5.5	62.0	5.0
V389749	2.8	61.5	3.9
V389750	117	16.2	1.9
V389751	2.2	93.0	5.8

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389752	4.0	86.3	5.2
V389753	1.7	98.3	7.4
V389754	15.4	172	12.5
V389755	19.2	339	26.0
V389756	17.7	445	29.2
V389757	21.6	400	26.1
V389758	34.1	318	23.8
V389759	22.5	318	24.5
V389760	23.2	186	15.4
V389761	21.6	298	20.2
V389762	25.7	229	16.3
V389763	28.2	147	16.4
V389764	18.2	295	17.4
V389765	0.7	1.7	0.1
V389766	14.6	254	20.6
V389767	23.1	311	26.6
V389768	46.8	115	8.0
V389769	22.8	212	14.4
V389770	19.9	233	18.1
V389771	19.3	191	14.6
V389772	18.3	241	20.2
V389773	27.9	122	8.2
V389774	7.5	128	12.7
V389775	16.1	125	9.1
V389776	15.6	130	9.5
V389777	30.0	77.7	5.8
V389778	19.1	99.3	6.0
V389779	18.6	78.4	5.0
V389780	6.5	68.0	4.2
V389781	13.4	166	10.9
V389782	18.0	131	8.0

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389783	16.4	85.2	5.7
V389784	19.8	78.1	4.6
V389785	21.0	89.9	5.9
V389786	18.9	72.3	4.9
V389787	24.5	87.0	5.2
V389788	31.2	63.3	4.0
V389789	22.2	78.2	4.9
V389790	132	30.2	2.9
V389791	20.0	91.5	6.1
V389792	25.8	55.2	3.4
V389793	16.1	61.8	4.3
V389794	28.0	83.1	5.6
V389795	30.1	65.9	4.4
V389796	32.6	81.7	5.5
V389797	36.2	72.2	4.8
V389798	39.5	65.1	4.2
V389799	18.9	64.4	4.4
V389800	19.7	50.4	3.2
V389801	17.8	81.2	5.2
V389802	19.1	194	13.8
V389803	18.8	185	12.8
V389804	17.4	113	7.0
V389805	66.9	201	12.5
V389806	166	36.9	2.6
V389807	59.0	81.6	4.9
V389808	17.1	66.4	4.7
V389809	25.0	80.0	4.9
V389810	16.6	104	6.8
V389811	21.0	59.9	4.6
V389812	18.3	49.8	4.1
V389813	19.5	55.2	4.2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (77-152)
 Number of Samples 76

ANALYSIS REPORT BBM20-05551

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
*Dup V389777	32.9	80.3	6.1
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 601	5.7	11.5	0.6
*Std OREAS 905	2.7	16.6	0.7
*Rep V389813	19.7	56.2	4.2
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 601	5.5	11.8	0.7
*Rep V389758	32.3	315	23.9
*Rep V389785	20.1	91.4	5.9
*Std OREAS 601	5.6	12.1	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Std OREAS 905	2.7	15.7	0.7
*Std OREAS 905	2.7	16.1	0.7

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>

Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM20-05553

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – MICHAEL GUNNING
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	11-Nov-2020
Submission Number	*SD* VR RESOURCES/ H-K, HK20-	Date Analysed	13-Nov-2020 - 07-Dec-2020
002, Batch 07/181 Core (153-181)		Date Completed	07-Dec-2020
Number of Samples	29	SGS Order Number	BBM20-05553

Methods Summary

Number of Sample	Method Code	Description
29	G_WGH_KG	Weight of samples received
27	G_PRP	Combined Sample Preparation
29	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
29	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3) 0.2g-12ml
29	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
29	GE_IMS40Q12	4 Acid Digest Package (HCL/HCLO4/HF/HNO3), ICP-MS, 0.2g-12ml

Comments

Preparation of samples was performed at the SGS Sudbury site
Analysis of samples was performed at the SGS Burnaby site
Interferences observed in Ag and Ga.

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method Lower Limit Upper Limit Unit	Wtkg G_WGH_KG 0.01 -- kg	@Au GE_FAA30V5 5 10,000 ppb	@Al GE_ICP40Q12 0.01 15 %	@Ba GE_ICP40Q12 1 10,000 ppm m / m	@Ca GE_ICP40Q12 0.01 15 %	@Cr GE_ICP40Q12 1 10,000 ppm m / m
V389814	2.87	9	4.68	3438	8.12	65
V389815	1.63	16	7.89	1316	6.46	76
V389816	2.34	8	7.00	1356	5.70	66
V389817	2.23	<5	1.49	1445	>15.00	16
V389818	2.16	<5	4.16	1861	10.58	756
V389819	2.75	<5	4.41	4367	13.53	196
V389820	0.06	792	3.33	141	2.89	35
V389821	2.19	6	5.14	700	9.69	231
V389822	2.21	<5	4.84	398	8.58	91
V389823	2.45	5	5.51	2934	10.52	192
V389824	2.44	6	4.43	2279	10.09	275
V389825	2.47	<5	4.80	3388	9.67	215
V389826	-	8	4.75	2134	9.04	202
V389827	2.58	<5	6.08	939	9.26	64
V389828	2.17	8	4.22	3273	12.95	105
V389829	2.29	7	2.16	2947	>15.00	123
V389830	2.35	<5	3.31	3787	15.00	90
V389831	2.40	7	3.54	4309	>15.00	92
V389832	2.40	<5	2.81	2385	>15.00	81
V389833	2.43	<5	4.24	2851	9.56	442
V389834	2.90	5	3.88	4424	13.43	99
V389835	1.74	<5	3.38	2850	14.85	85
V389836	2.24	<5	4.56	5652	11.67	133
V389837	2.27	<5	4.72	3727	9.76	223
V389838	2.20	<5	4.96	929	9.48	231
V389839	2.38	<5	5.50	3668	10.52	153
V389840	1.01	<5	0.04	250	>15.00	5
V389841	2.45	<5	4.62	3256	10.71	320
V389842	2.09	9	3.68	2087	12.73	281

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method	Wtkg G_WGH_KG	@Au GE_FAA30V5	@Al GE_ICP40Q12	@Ba GE_ICP40Q12	@Ca GE_ICP40Q12	@Cr GE_ICP40Q12
Lower Limit	0.01	5	0.01	1	0.01	1
Upper Limit	--	10,000	15	10,000	15	10,000
Unit	kg	ppb	%	ppm m / m	%	ppm m / m
*Rep V389826	-	<5	-	-	-	-
*Rep V389826	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Rep V389842	-	6	-	-	-	-
*Rep V389842	-	6	-	-	-	-
*Std oreas235	-	1530	-	-	-	-
*Std oreas235	-	1530	-	-	-	-
*Std OREAS 905	-	-	7.53	2646	0.60	17
*Std OREAS 905	-	-	7.53	2646	0.60	17
*Blk BLANK	-	-	<0.01	2	0.01	2
*Blk BLANK	-	-	<0.01	2	0.01	2
*Rep V389834	-	-	3.94	4507	13.93	106
*Rep V389834	-	-	3.94	4507	13.93	106
*Std OREAS 601	-	-	6.76	1491	1.33	29
*Std OREAS 601	-	-	6.76	1491	1.33	29
*Blk BLANK	-	<5	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std SL76	-	5890	-	-	-	-
*Std SL76	-	5890	-	-	-	-

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389814	46.5	5.57	3.23	86	3.44	1851
V389815	76.1	8.15	2.63	50	3.20	1446
V389816	75.1	8.14	2.59	115	3.23	1543

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method	@Cu GE_ICP40Q12	@Fe GE_ICP40Q12	@K GE_ICP40Q12	@Li GE_ICP40Q12	@Mg GE_ICP40Q12	@Mn GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
V389817	16.7	5.66	0.90	81	4.07	5282
V389818	51.7	7.23	3.70	48	7.46	2418
V389819	81.6	6.52	3.45	65	4.89	3302
V389820	>10000	>15.00	3.32	8	0.32	2788
V389821	107	9.08	3.88	40	5.20	2916
V389822	113	11.42	3.28	80	4.15	3085
V389823	99.2	7.82	3.32	68	5.65	2129
V389824	51.5	9.26	3.51	37	6.38	2615
V389825	65.5	9.95	3.94	46	6.25	3376
V389826	66.7	9.75	4.44	45	6.15	3279
V389827	58.7	8.64	3.53	95	4.35	3207
V389828	89.3	7.59	3.34	55	6.02	3181
V389829	52.1	5.22	2.45	31	4.17	3358
V389830	73.2	7.25	2.69	53	5.70	3921
V389831	58.5	6.09	3.07	51	4.55	2567
V389832	99.1	6.06	3.24	36	5.53	2375
V389833	70.8	7.57	4.21	64	8.01	2841
V389834	58.0	7.74	3.48	62	5.46	3703
V389835	89.6	6.52	2.51	30	5.33	2343
V389836	52.6	9.16	3.66	71	5.47	4078
V389837	77.3	9.24	3.77	69	6.92	3019
V389838	79.3	9.92	4.64	82	6.37	3760
V389839	75.9	8.73	3.81	96	5.33	2415
V389840	2.2	0.10	0.04	19	13.72	430
V389841	73.9	8.26	4.07	72	7.57	2138
V389842	52.4	8.51	3.00	52	6.48	2856
*Std OREAS 905	1504	4.05	2.79	21	0.29	372
*Std OREAS 905	1504	4.05	2.79	21	0.29	372
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Cu	@Fe	@K	@Li	@Mg	@Mn
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	1	0.01	2
Upper Limit	10,000	15	15	10,000	15	10,000
Unit	ppm m / m	%	%	ppm m / m	%	ppm m / m
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	3
*Rep V389834	59.7	7.86	3.52	65	5.61	3773
*Rep V389834	59.7	7.86	3.52	65	5.61	3773
*Std OREAS 601	1024	2.53	2.31	22	0.40	501
*Std OREAS 601	1024	2.53	2.31	22	0.40	501

Element	@Na	@Ni	@P	@S	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389814	0.99	80	0.44	0.31	3879	0.90
V389815	2.92	76	0.45	1.34	2181	1.03
V389816	2.26	70	0.41	1.34	2255	0.93
V389817	0.44	27	0.69	1.60	5364	0.22
V389818	0.23	324	0.18	1.21	3470	1.08
V389819	0.59	132	0.40	0.81	5267	0.95
V389820	0.14	74	0.06	3.42	192	0.26
V389821	1.12	107	0.58	2.25	2544	1.81
V389822	1.19	129	0.53	4.72	3079	1.28
V389823	0.80	156	0.45	0.62	3726	1.28
V389824	0.33	119	0.27	0.88	2807	2.31
V389825	0.50	132	0.24	1.18	2917	2.00
V389826	0.48	129	0.14	1.13	2914	1.46
V389827	1.41	54	0.57	1.35	3486	1.66
V389828	0.47	98	0.52	0.46	4042	1.09
V389829	0.20	89	0.92	0.60	5016	0.55
V389830	0.31	82	0.56	0.49	4694	0.72
V389831	0.23	77	0.44	0.48	5540	0.63

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method	@Na GE_ICP40Q12	@Ni GE_ICP40Q12	@P GE_ICP40Q12	@S GE_ICP40Q12	@Sr GE_ICP40Q12	@Ti GE_ICP40Q12
Lower Limit	0.01	1	0.01	0.01	0.5	0.01
Upper Limit	15	10,000	15	5	10,000	15
Unit	%	ppm m / m	%	%	ppm m / m	%
V389832	0.31	98	0.86	0.37	5193	0.38
V389833	0.40	272	0.29	1.24	3225	1.44
V389834	0.32	77	0.50	0.67	3579	0.89
V389835	0.30	60	0.57	0.26	4302	0.74
V389836	0.48	85	0.50	0.74	3706	1.86
V389837	0.53	125	0.21	0.85	4089	1.70
V389838	0.28	107	0.14	1.68	3331	2.22
V389839	1.05	106	0.53	1.03	4932	1.80
V389840	0.04	<1	<0.01	0.02	136	<0.01
V389841	0.33	203	0.36	0.97	4264	1.37
V389842	0.33	130	0.41	1.32	4262	2.03
*Std OREAS 905	2.40	11	0.03	0.08	162	0.12
*Std OREAS 905	2.40	11	0.03	0.08	162	0.12
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Blk BLANK	<0.01	<1	<0.01	<0.01	<0.5	<0.01
*Rep V389834	0.33	77	0.51	0.66	3635	0.90
*Rep V389834	0.33	77	0.51	0.66	3635	0.90
*Std OREAS 601	1.52	21	0.05	1.16	243	0.18
*Std OREAS 601	1.52	21	0.05	1.16	243	0.18

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389814	219	114	151	<1	70.26	10
V389815	194	145	179	<1	30.16	13
V389816	172	163	138	<1	41.68	10
V389817	214	176	188	2	154	22

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389818	286	704	163	<1	41.42	17
V389819	265	175	204	<1	28.92	11
V389820	81	29	111	3	273	732
V389821	315	197	291	1	36.20	18
V389822	305	>10000	193	2	246	21
V389823	339	142	199	<1	44.31	18
V389824	249	160	267	<1	37.05	16
V389825	264	218	247	<1	21.75	13
V389826	255	216	214	<1	21.43	9
V389827	289	217	232	1	68.21	18
V389828	336	130	128	<1	18.67	15
V389829	347	167	107	<1	53.26	13
V389830	260	168	166	<1	38.18	10
V389831	223	117	136	<1	38.27	5
V389832	322	127	95.6	<1	17.10	5
V389833	280	124	213	<1	46.00	20
V389834	358	226	246	<1	76.33	9
V389835	280	114	161	<1	8.13	7
V389836	300	219	391	2	81.99	20
V389837	262	146	346	<1	42.78	9
V389838	326	171	393	<1	38.36	8
V389839	292	123	337	1	120	15
V389840	4	40	1.7	<1	0.47	3
V389841	334	124	196	<1	36.92	13
V389842	327	120	285	<1	72.90	16
*Std OREAS 905	10	129	254	<1	3.21	32
*Std OREAS 905	10	129	254	<1	3.21	32
*Blk BLANK	<2	<1	<0.5	<1	0.07	<1
*Blk BLANK	<2	<1	<0.5	<1	0.07	<1

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method	@V GE_ICP40Q12	@Zn GE_ICP40Q12	@Zr GE_ICP40Q12	@Ag GE_IMS40Q12	@Mo GE_IMS40Q12	@As GE_IMS40Q12
Lower Limit	2	1	0.5	1	0.05	1
Upper Limit	10,000	10,000	10,000	100	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389834	361	234	253	<1	79.48	11
*Rep V389834	361	234	253	<1	79.48	11
*Std OREAS 601	26	1253	154	49	3.62	312
*Std OREAS 601	26	1253	154	49	3.62	312

Element Method	@Be GE_IMS40Q12	@Bi GE_IMS40Q12	@Cd GE_IMS40Q12	@Ce GE_IMS40Q12	@Co GE_IMS40Q12	@Cs GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389814	4.8	0.14	0.29	325	26.0	4
V389815	4.8	0.20	0.47	307	38.9	4
V389816	6.3	1.26	0.62	452	34.6	4
V389817	12.1	0.71	1.33	>1000	10.3	1
V389818	10.1	0.19	3.57	401	51.8	6
V389819	8.2	0.20	0.62	>1000	31.7	5
V389820	0.6	11.87	0.26	129	794	<1
V389821	5.8	0.28	0.81	475	52.0	5
V389822	7.7	1.55	68.65	689	45.0	3
V389823	10.0	0.26	0.35	353	46.7	5
V389824	6.2	0.17	0.40	512	50.8	4
V389825	10.0	0.33	0.37	837	45.0	5
V389826	10.2	0.34	0.39	828	45.4	5
V389827	6.4	0.28	0.55	717	36.7	8
V389828	8.9	0.28	0.48	852	40.0	3
V389829	6.3	0.23	1.14	903	31.2	2
V389830	7.5	0.27	0.93	>1000	34.0	3
V389831	7.3	0.06	0.48	513	30.4	5
V389832	6.9	0.12	0.32	574	33.7	2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Be	@Bi	@Cd	@Ce	@Co	@Cs
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.04	0.02	0.05	0.1	1
Upper Limit	2,500	10,000	10,000	1,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389833	7.5	0.40	0.27	467	55.1	3
V389834	8.4	0.19	0.49	684	35.9	3
V389835	5.8	0.18	0.22	545	36.4	3
V389836	13.1	0.86	0.54	>1000	39.8	4
V389837	8.5	0.20	0.25	607	49.0	5
V389838	9.7	0.19	0.32	820	43.9	5
V389839	7.5	0.33	0.24	453	47.9	5
V389840	<0.1	<0.04	0.16	2.60	1.3	<1
V389841	9.4	0.14	0.14	362	53.2	5
V389842	9.0	0.15	0.22	550	58.0	3
*Std OREAS 905	3.3	5.42	0.40	91.41	14.6	8
*Std OREAS 905	3.3	5.42	0.40	91.41	14.6	8
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Blk BLANK	<0.1	<0.04	<0.02	<0.05	<0.1	<1
*Rep V389834	8.4	0.19	0.52	688	36.0	3
*Rep V389834	8.4	0.19	0.52	688	36.0	3
*Std OREAS 601	2.4	18.72	8.15	61.76	5.6	7
*Std OREAS 601	2.4	18.72	8.15	61.76	5.6	7

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389814	NR	2.81	0.07	220	0.48	122
V389815	NR	3.32	0.08	205	0.53	95.8
V389816	NR	2.93	0.07	300	0.57	94.4
V389817	NR	1.34	0.05	797	1.35	244
V389818	NR	3.20	0.11	268	0.47	21.3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389819	NR	3.91	0.08	800	2.02	44.8
V389820	NR	3.16	0.35	99.5	0.33	5.8
V389821	NR	6.32	0.12	247	0.64	250
V389822	NR	3.85	1.80	457	1.16	559
V389823	NR	4.04	0.09	207	0.52	117
V389824	NR	6.90	0.10	259	0.54	166
V389825	NR	5.50	0.11	471	1.30	173
V389826	NR	5.07	0.11	467	1.30	37.3
V389827	NR	5.27	0.13	430	0.78	273
V389828	NR	2.27	0.10	437	0.97	77.9
V389829	NR	1.40	0.06	454	1.41	76.1
V389830	NR	2.02	0.09	790	1.18	35.1
V389831	NR	1.97	0.08	275	1.25	16.7
V389832	NR	1.08	0.08	286	0.70	40.6
V389833	NR	3.85	0.09	269	0.49	86.9
V389834	NR	2.84	0.14	351	2.55	33.5
V389835	NR	1.76	0.09	285	0.66	26.9
V389836	NR	7.64	0.11	546	1.19	390
V389837	NR	8.04	0.12	355	0.64	74.2
V389838	NR	9.67	0.14	433	0.92	130
V389839	NR	7.67	0.09	251	0.81	249
V389840	NR	0.04	<0.02	1.8	0.01	1.1
V389841	NR	3.60	0.09	205	0.44	36.3
V389842	NR	6.20	0.09	278	0.48	32.3
*Std OREAS 905	NR	6.98	0.75	45.2	0.10	17.9
*Std OREAS 905	NR	6.98	0.75	45.2	0.10	17.9
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	0.2
*Blk BLANK	NR	<0.02	<0.02	0.2	<0.01	0.2
*Rep V389834	NR	2.94	0.14	358	2.60	31.3

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Ga	@Hf	@In	@La	@Lu	@Nb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.02	0.02	0.1	0.01	0.1
Upper Limit	1,000	500	500	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389834	NR	2.94	0.14	358	2.60	31.3
*Std OREAS 601	NR	4.38	1.77	30.5	0.11	13.0
*Std OREAS 601	NR	4.38	1.77	30.5	0.11	13.0

Element	@Pb	@Rb	@Sb	@Sc	@Se	@Sn
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.5	0.2	0.05	0.5	2	0.3
Upper Limit	10,000	10,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389814	21.7	96.8	0.62	13.6	<2	1.1
V389815	40.6	62.8	1.51	19.1	<2	1.5
V389816	61.2	65.1	1.56	17.8	<2	1.3
V389817	86.8	25.9	1.30	6.7	3	1.1
V389818	107	128	0.35	26.0	<2	1.4
V389819	40.0	108	0.55	18.5	3	0.4
V389820	13.5	73.2	10.00	6.9	3	10.7
V389821	58.3	122	0.68	25.2	2	2.6
V389822	232	93.7	1.32	18.0	5	4.6
V389823	28.1	121	0.48	23.5	<2	1.8
V389824	31.8	104	0.74	23.9	3	2.2
V389825	62.5	123	0.52	26.8	3	3.5
V389826	78.1	125	0.24	26.0	2	3.0
V389827	53.1	117	1.07	20.6	2	2.3
V389828	21.5	90.5	0.19	23.6	2	0.8
V389829	32.0	58.2	0.35	15.5	2	0.9
V389830	53.8	80.3	0.22	17.5	3	0.4
V389831	21.6	88.6	0.18	17.3	2	0.3
V389832	31.8	114	0.11	13.5	<2	0.7
V389833	57.4	154	0.49	25.1	<2	2.4

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element Method Lower Limit Upper Limit Unit	@Pb GE_IMS40Q12 0.5 10,000 ppm m / m	@Rb GE_IMS40Q12 0.2 10,000 ppm m / m	@Sb GE_IMS40Q12 0.05 10,000 ppm m / m	@Sc GE_IMS40Q12 0.5 10,000 ppm m / m	@Se GE_IMS40Q12 2 1,000 ppm m / m	@Sn GE_IMS40Q12 0.3 1,000 ppm m / m
V389834	94.3	105	0.47	23.2	4	0.5
V389835	14.7	96.0	0.11	21.6	<2	0.4
V389836	63.4	105	0.65	25.4	3	2.8
V389837	33.0	112	0.26	32.7	2	2.4
V389838	41.6	119	0.56	32.1	3	3.3
V389839	31.1	127	0.81	30.1	2	2.4
V389840	6.5	1.1	0.21	<0.5	<2	<0.3
V389841	26.0	121	0.19	26.5	<2	2.1
V389842	27.0	84.4	0.28	22.3	2	2.0
*Std OREAS 905	31.6	129	2.16	5.2	3	4.6
*Std OREAS 905	31.6	129	2.16	5.2	3	4.6
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3
*Rep V389834	96.6	104	0.45	23.1	4	0.5
*Rep V389834	96.6	104	0.45	23.1	4	0.5
*Std OREAS 601	309	93.3	31.79	5.8	11	4.4
*Std OREAS 601	309	93.3	31.79	5.8	11	4.4

Element Method Lower Limit Upper Limit Unit	@Ta GE_IMS40Q12 0.05 10,000 ppm m / m	@Tb GE_IMS40Q12 0.05 10,000 ppm m / m	@Te GE_IMS40Q12 0.05 1,000 ppm m / m	@Th GE_IMS40Q12 0.2 10,000 ppm m / m	@Tl GE_IMS40Q12 0.02 10,000 ppm m / m	@U GE_IMS40Q12 0.05 10,000 ppm m / m
V389814	4.13	2.08	0.12	33.7	0.68	3.58
V389815	5.58	1.66	0.18	23.6	1.89	2.16
V389816	5.08	1.98	0.41	26.9	1.62	1.75
V389817	0.46	5.83	0.51	77.3	0.71	6.57
V389818	0.92	1.94	0.09	29.6	1.83	2.24
V389819	0.48	7.17	0.20	165	1.21	6.37

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389820	0.49	0.55	2.19	5.2	0.39	57.56
V389821	6.45	3.04	0.25	51.1	1.12	3.60
V389822	7.30	4.84	0.92	108	1.24	4.12
V389823	2.86	2.03	0.18	27.6	0.69	3.99
V389824	4.78	3.79	0.15	31.7	0.62	3.47
V389825	3.89	5.21	0.15	180	0.95	4.10
V389826	0.78	5.13	0.09	172	0.94	4.14
V389827	6.30	3.86	0.28	57.8	1.20	3.62
V389828	1.48	4.65	0.11	31.4	0.40	4.05
V389829	0.85	5.27	0.17	36.9	0.24	7.06
V389830	1.31	6.03	0.18	87.5	0.43	8.34
V389831	0.35	4.49	0.14	53.7	0.48	5.95
V389832	2.06	3.59	0.18	52.0	0.34	14.52
V389833	1.04	2.62	0.14	32.7	0.92	3.90
V389834	0.39	7.28	0.22	141	0.41	13.02
V389835	0.90	3.53	0.10	42.9	0.27	10.17
V389836	6.04	5.82	0.27	74.3	0.64	5.09
V389837	1.73	3.51	0.11	33.6	0.69	3.58
V389838	1.64	4.90	0.15	44.5	0.46	3.80
V389839	7.05	3.29	0.23	28.8	0.55	4.07
V389840	<0.05	<0.05	<0.05	0.2	0.05	0.33
V389841	1.14	2.42	0.09	34.8	0.53	3.19
V389842	0.96	3.21	0.11	26.1	0.43	4.80
*Std OREAS 905	1.42	0.85	0.09	16.4	0.74	5.53
*Std OREAS 905	1.42	0.85	0.09	16.4	0.74	5.53
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05
*Rep V389834	0.30	7.45	0.24	145	0.42	13.58
*Rep V389834	0.30	7.45	0.24	145	0.42	13.58

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@Ta	@Tb	@Te	@Th	@Tl	@U
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.05	0.05	0.05	0.2	0.02	0.05
Upper Limit	10,000	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 601	0.99	0.57	15.59	11.9	1.22	4.14
*Std OREAS 601	0.99	0.57	15.59	11.9	1.22	4.14

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389814	11.8	44.2	3.0
V389815	29.6	43.5	3.5
V389816	42.0	49.8	4.0
V389817	9.6	131	9.4
V389818	9.5	47.9	3.2
V389819	8.6	169	14.5
V389820	111	16.1	1.9
V389821	11.5	62.5	4.1
V389822	18.8	114	7.8
V389823	8.9	47.0	3.3
V389824	8.3	65.3	3.7
V389825	6.5	113	8.2
V389826	1.7	113	8.4
V389827	11.3	76.9	5.0
V389828	6.0	86.9	6.2
V389829	3.2	114	8.8
V389830	3.7	117	7.9
V389831	3.7	110	8.1
V389832	1.2	71.3	4.5
V389833	4.0	51.2	3.2
V389834	4.4	195	15.8
V389835	3.2	66.0	4.2

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



Order Number PO#
 Submission Number *SD* VR RESOURCES/ H-K, HK20-
 002, Batch 07/181 Core (153-181)
 Number of Samples 29

ANALYSIS REPORT BBM20-05553

Element	@W	@Y	@Yb
Method	GE_IMS40Q12	GE_IMS40Q12	GE_IMS40Q12
Lower Limit	0.1	0.1	0.1
Upper Limit	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m
V389836	17.0	115	7.6
V389837	5.4	64.8	4.1
V389838	4.5	82.4	5.9
V389839	18.3	73.3	5.3
V389840	0.5	0.7	<0.1
V389841	2.8	47.6	2.9
V389842	4.9	53.1	3.1
*Std OREAS 905	2.7	15.7	0.7
*Std OREAS 905	2.7	15.7	0.7
*Blk BLANK	<0.1	<0.1	<0.1
*Blk BLANK	<0.1	<0.1	<0.1
*Rep V389834	4.7	197	16.2
*Rep V389834	4.7	197	16.2
*Std OREAS 601	5.6	11.6	0.7
*Std OREAS 601	5.6	11.6	0.7

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at <https://www.scc.ca/en/search/laboratories/sgs>
 Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

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



ANALYSIS REPORT BBM21-08318

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – JUSTIN DALEY
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	29-Mar-2021
Submission Number	*BBY*VR Resources/H-K, HK20-002,	Date Analysed	10-May-2021 - 21-May-2021
REE Batch/238 Pulps (1-144)		Date Completed	24-May-2021
Number of Samples	144	SGS Order Number	BBM21-08318

Methods Summary

Number of Sample	Method Code	Description
144	GE_FUZ90A50	Fusion, 550°C, HNO ₃ , 0.1g-50ml, Zr crucibles
144	GE_ICP90A50	Na ₂ O ₂ Fusion, ICPAES, 0.1g-50ml
144	GE_IMS90A50	Na ₂ O ₂ Fusion, HNO ₃ , ICP-MS, 0.1g-50ml
1	GO_FUS95A50	LiBO ₂ Fusion, minors/majors
1	GO_ICP95A50	LiBO ₂ Fusion, minors/majors, ICPAES, 0.1g-50ml
2	GO_FUZ90Q100	Ore grade Na ₂ O ₂ Fusion, HNO ₃ , ICPAES, 0.2g-100ml
2	GO_ICP90Q100	Ore grade Na ₂ O ₂ Fusion, HNO ₃ , ICPAES, 0.2g-100ml

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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

24-May-2021 10:34PM BBM_U0010119928

Page 1 of 55

MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389251	4.45	1391	11	12.1	300	56
V389252	5.23	1065	10	11.7	355	72
V389253	5.42	1290	10	10.2	192	106
V389254	5.03	1452	11	11.3	180	93
V389255	5.85	1027	10	10.1	73	90
V389256	4.94	1124	11	10.4	141	74
V389257	4.76	1250	10	11.3	71	111
V389258	4.77	763	10	10.6	156	210
V389259	5.44	964	11	11.1	166	135
V389260	4.54	1455	10	13.2	146	123
V389261	5.03	1819	11	10.6	215	63
V389262	3.94	1580	11	14.8	126	87
V389263	0.32	1029	6	>25.0	33	99
V389264	1.78	1761	7	24.6	82	53
V389265	5.01	14414	<5	2.1	48	3462
V389266	4.13	1668	10	12.7	145	99
V389267	2.52	1622	10	18.7	165	71
V389268	1.79	1086	8	20.6	106	87
V389269	4.39	1826	10	11.7	231	46
V389270	4.95	2111	11	10.9	271	56
V389271	5.96	2565	10	11.6	198	72
V389272	6.47	2595	7	11.2	151	79
V389273	5.18	1847	10	11.7	81	90
V389274	4.25	2443	10	10.5	136	93
V389275	4.16	3880	8	11.5	263	101
V389276	4.04	3480	8	11.0	241	97
V389277	3.81	1753	9	11.9	178	139
V389278	5.40	2681	9	8.5	312	107
V389279	3.74	1655	10	12.0	419	134

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389280	2.42	641	9	15.8	229	129
V389281	2.55	500	9	14.2	282	78
V389282	2.75	197	10	15.2	263	87
V389283	2.97	554	9	14.5	133	148
V389284	2.80	977	7	14.4	223	20
V389285	0.05	230	<5	21.1	<10	11
V389286	4.69	2287	9	12.8	331	107
V389287	5.29	3436	9	8.5	241	74
V389288	6.34	3015	8	10.0	276	95
V389289	6.17	2699	8	9.1	263	61
V389290	3.70	1032	10	13.0	364	46
V389291	5.01	2688	7	11.2	233	50
V389462	4.03	4123	6	14.7	198	79
V389463	4.28	2454	<5	15.2	213	77
V389464	3.66	4068	47	13.7	393	76
V389465	4.92	3695	11	12.8	235	85
V389466	5.08	3631	5	12.3	228	117
V389467	5.89	4697	7	10.4	209	126
V389468	3.78	5197	13	13.8	286	130
V389469	3.70	8432	11	13.3	388	135
V389470	5.36	13400	<5	2.2	43	3432
V389471	2.93	10943	12	16.3	272	211
V389472	4.06	3784	9	14.6	197	85
V389473	3.50	4829	5	11.3	462	80
V389474	3.22	3765	6	12.5	434	80
V389475	3.66	3968	6	12.0	447	83
V389476	3.62	3834	7	11.5	473	86
V389477	1.74	4278	7	24.3	226	68
V389478	3.11	4358	7	16.6	342	57

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389479	0.04	277	<5	20.9	<10	21
V389480	3.82	4321	9	14.4	362	62
V389481	3.56	3202	11	13.6	424	85
V389482	3.74	4920	12	14.5	242	88
V389483	5.34	2615	12	10.5	248	62
V389484	7.87	1699	<5	6.2	120	41
V389485	4.08	4119	7	14.2	242	84
V389486	3.89	3435	9	14.9	222	105
V389487	4.15	2146	5	14.8	131	203
V389488	3.93	1615	5	13.4	194	239
V389489	4.00	3765	7	14.6	216	188
V389490	3.19	29367	<5	3.3	43	14198
V389491	2.49	5450	9	20.3	187	76
V389492	4.60	3285	9	14.5	164	69
V389493	5.50	5238	10	11.0	255	58
V389494	4.30	5292	12	13.4	282	109
V389495	4.09	6105	14	12.8	403	78
V389496	4.44	3316	8	11.5	387	82
V389497	2.90	4872	6	19.5	264	55
V389498	4.27	3325	<5	13.0	387	85
V389499	4.41	2846	11	12.1	391	97
V389500	3.14	4184	11	17.2	287	76
V389501	4.45	3897	9	14.9	196	66
V389502	5.49	2727	7	12.2	296	78
V389503	3.73	2985	11	12.8	843	67
V389504	4.89	2622	7	10.1	293	101
V389505	4.03	3745	8	15.6	223	88
V389506	4.69	3527	10	12.5	210	131
V389507	4.24	4284	10	11.8	418	103

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389508	4.52	3302	11	11.4	294	75
V389509	4.59	5178	6	13.0	229	76
V389510	4.02	3050	15	13.0	313	83
V389511	4.48	3609	10	14.0	210	107
V389512	4.90	2865	10	12.7	274	162
V389513	4.24	3019	16	13.5	319	163
V389514	5.27	2044	8	10.5	268	197
V389515	3.45	4502	18	14.5	433	101
V389516	2.41	4055	9	20.5	179	48
V389517	4.05	6451	10	15.7	225	102
V389518	2.77	10504	10	15.8	314	137
V389519	4.52	2924	10	11.4	354	117
V389520	5.21	14343	<5	2.2	49	3513
V389521	4.19	2757	6	16.1	190	91
V389522	3.74	3345	6	15.8	249	115
V389523	4.20	3135	9	14.4	298	81
V389524	3.61	7158	13	15.6	247	361
V389525	4.92	4223	7	11.4	238	228
V389526	4.84	4281	7	11.7	225	239
V389527	4.61	4488	7	13.4	160	167
V389528	6.42	2428	<5	10.1	258	78
V389529	7.94	2622	9	13.8	47	13
V389530	5.64	2464	5	13.0	231	94
V389531	4.29	3284	10	15.2	256	118
V389532	4.82	5381	9	12.0	236	299
V389533	5.55	2834	10	10.3	317	121
V389534	4.62	3788	8	11.3	388	242
V389535	3.37	5210	11	15.6	750	111
V389536	3.88	4684	8	13.2	229	235

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389537	4.37	3866	11	12.5	251	181
V389538	4.15	7380	9	11.5	233	172
V389539	2.91	3015	39	15.5	812	78
V389540	0.08	977	<5	20.6	<10	<10
V389541	3.21	3170	24	13.9	904	89
V389542	4.90	2618	13	8.9	537	83
V389543	4.09	4423	12	12.1	356	96
V389544	4.43	6760	15	14.1	249	100
V389545	5.19	4637	9	11.4	266	104
V389546	6.04	3924	7	9.8	258	84
V389547	6.00	3397	9	9.9	259	102
V389548	4.21	5196	12	13.8	489	107
V389549	2.59	2188	14	14.5	1071	65
V389550	3.30	44594	<5	3.3	53	15068
V389551	2.87	3150	13	13.9	913	53
V389552	3.38	2760	11	12.2	882	89
V389553	3.17	2217	12	11.2	865	77
V389554	2.84	3311	7	14.5	815	94
V389555	2.58	3616	9	16.0	695	129
V389556	5.42	3000	6	9.7	250	90
V389557	6.19	3618	8	10.6	106	74
V389558	4.72	3465	10	13.5	198	85
V389559	3.25	9420	7	18.8	55	40
V389560	4.88	3563	17	13.2	480	94
V389561	5.07	2941	16	13.4	391	64
V389562	3.56	4167	12	17.4	724	65
V389563	3.13	4687	10	19.4	368	56
V389564	4.32	5750	15	13.0	401	84
*Std MP-2a	5.70	<10	<5	3.2	155	462

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
*Blk BLANK	<0.01	<10	<5	<0.1	<10	<10
*Rep V389255	5.86	1025	10	10.1	88	95
*Rep V389258	4.79	772	9	10.6	143	204
*Std OREAS 927	6.11	304	<5	0.4	70	10680
*Std OREAS 623	5.00	1451	<5	1.5	28	17340
*Blk BLANK	<0.01	<10	<5	<0.1	<10	<10
*Std OREAS 623	5.03	1352	<5	1.4	52	16303
*Std MP-2a	5.91	<10	<5	3.2	153	480
*Rep V389503	3.73	3045	12	12.8	818	67
*Blk BLANK	<0.01	<10	<5	<0.1	<10	<10
*Std OREAS 927	6.24	298	<5	0.4	71	10331
*Rep V389516	2.36	3998	6	20.2	168	43
*Blk BLANK	<0.01	<10	<5	<0.1	<10	<10
*Std MP-2a	5.94	11	<5	3.2	150	469
*Std OREAS 927	6.33	309	<5	0.4	76	11146
*Rep V389524	3.65	7800	13	15.9	256	368
*Rep V389529	7.99	2670	10	14.1	44	14
*Std OREAS 623	5.29	1439	<5	1.4	37	18623
*Blk BLANK	<0.01	<10	<5	<0.1	<10	<10

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389251	10.92	2.0	72	4.48	5037	1.55
V389252	10.02	1.7	49	4.71	4791	0.84
V389253	8.22	2.0	73	4.41	2908	0.44
V389254	10.07	2.1	72	3.99	4451	0.91

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389255	10.85	1.6	62	4.00	4932	0.41
V389256	11.78	1.5	59	4.30	5141	0.74
V389257	10.96	1.7	60	4.11	4665	1.44
V389258	13.32	1.6	48	3.78	4294	1.25
V389259	9.79	1.8	60	4.24	4246	1.00
V389260	9.95	1.9	67	3.97	4275	1.84
V389261	11.35	2.4	67	4.41	4762	0.89
V389262	8.37	2.0	63	3.74	3731	2.61
V389263	4.87	0.4	10	1.62	2376	7.58
V389264	5.97	1.4	33	2.53	2890	3.90
V389265	18.10	5.5	11	0.82	5547	0.08
V389266	11.03	2.2	69	4.27	4762	1.95
V389267	7.78	1.7	50	3.81	3628	3.01
V389268	8.40	1.3	35	3.11	3709	4.43
V389269	9.90	2.7	77	4.77	4293	1.66
V389270	11.04	2.8	82	5.20	4532	1.12
V389271	7.38	2.4	99	4.35	2992	0.74
V389272	8.41	2.5	57	4.23	2646	0.91
V389273	10.24	2.5	87	4.78	4020	1.40
V389274	12.42	2.6	74	5.28	4603	1.06
V389275	12.53	3.3	56	5.42	4439	1.79
V389276	12.26	3.0	55	5.09	4348	1.84
V389277	12.47	2.1	44	4.47	4342	1.17
V389278	11.41	3.4	90	5.63	3575	0.56
V389279	12.78	2.5	54	4.82	4454	1.10
V389280	11.81	0.9	26	3.00	4274	2.70
V389281	10.35	1.4	17	4.21	4616	1.62
V389282	10.38	1.0	25	2.42	4158	3.49
V389283	8.60	1.3	25	2.86	3887	2.40

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389284	7.54	2.1	28	5.62	3565	0.71
V389285	0.18	<0.1	10	12.73	397	0.01
V389286	9.25	3.6	61	4.36	3526	1.35
V389287	8.86	4.6	100	5.79	3227	0.65
V389288	8.18	3.7	117	4.71	2772	0.43
V389289	8.24	4.1	66	4.63	2798	0.55
V389290	8.99	2.3	37	4.27	3592	1.05
V389291	9.04	4.7	63	5.11	4090	1.07
V389462	8.25	3.7	46	6.01	1836	1.02
V389463	8.12	3.8	37	6.06	1794	1.16
V389464	8.91	4.5	62	7.16	2797	0.66
V389465	7.86	4.9	63	5.27	2389	0.65
V389466	8.30	4.6	65	5.67	2519	0.63
V389467	8.15	3.7	98	5.34	2361	0.35
V389468	9.19	3.8	92	5.98	3576	0.66
V389469	8.09	4.6	83	6.52	3778	0.69
V389470	18.16	5.9	12	0.84	5715	0.08
V389471	8.83	3.5	25	6.21	3915	0.50
V389472	8.24	4.1	65	5.43	3106	0.66
V389473	10.14	3.8	30	7.38	3283	0.36
V389474	10.63	3.7	18	6.79	2871	0.63
V389475	9.77	3.7	29	7.20	2857	0.76
V389476	10.02	3.7	30	7.13	2854	0.67
V389477	5.22	2.4	14	4.19	3616	1.26
V389478	7.90	3.1	39	5.19	3966	0.81
V389479	0.08	<0.1	10	12.63	438	<0.01
V389480	7.98	3.5	61	6.12	3766	0.75
V389481	9.16	4.2	65	6.42	3274	0.75
V389482	7.59	4.4	76	5.30	3721	0.77

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389483	8.93	3.9	47	5.13	2661	0.53
V389484	8.11	2.4	29	3.26	1617	0.65
V389485	7.39	4.5	46	5.21	3397	0.97
V389486	8.40	4.3	61	5.28	3341	1.06
V389487	8.68	4.0	39	4.73	2517	0.92
V389488	9.77	3.5	37	5.47	2495	0.74
V389489	9.38	4.0	69	5.34	3852	0.90
V389490	>25.00	3.5	<10	0.35	3001	0.08
V389491	8.03	2.8	54	5.85	4167	1.74
V389492	8.46	4.0	62	4.76	3275	0.96
V389493	8.25	5.0	66	5.18	2759	0.56
V389494	8.05	4.5	57	5.94	3484	0.83
V389495	8.54	4.5	72	6.27	3612	0.56
V389496	8.73	3.7	60	7.11	2640	0.37
V389497	6.57	3.2	47	4.21	4273	0.95
V389498	7.75	4.1	51	7.13	2489	0.55
V389499	7.62	3.9	60	7.12	2279	0.37
V389500	8.45	3.1	59	6.07	6709	1.00
V389501	8.02	3.5	54	5.90	4110	0.97
V389502	8.45	4.6	63	6.05	2797	0.40
V389503	9.56	3.6	38	7.66	2768	0.51
V389504	9.97	4.6	52	6.79	2764	0.63
V389505	8.38	4.2	72	5.40	3725	1.14
V389506	8.50	5.2	74	5.30	3205	0.71
V389507	9.53	4.5	74	6.83	3709	0.44
V389508	8.70	4.8	81	5.76	3637	0.57
V389509	8.97	4.8	75	5.30	5010	0.55
V389510	8.95	4.5	68	5.98	3582	0.63
V389511	8.33	4.6	61	5.55	3419	0.76

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389512	8.09	4.8	85	5.39	2890	0.67
V389513	9.47	4.0	101	6.41	2982	0.68
V389514	9.50	4.3	70	5.62	2269	0.41
V389515	9.41	3.9	57	6.40	3881	0.58
V389516	7.57	2.9	50	4.73	3047	2.29
V389517	8.33	4.0	65	5.84	3071	0.95
V389518	8.76	2.7	28	7.10	3752	0.82
V389519	10.07	3.8	55	6.63	1949	0.56
V389520	17.60	5.9	10	0.84	5515	0.08
V389521	8.57	3.6	33	5.70	2074	1.29
V389522	8.44	3.5	36	5.65	2756	1.33
V389523	8.55	3.5	38	6.27	2948	1.18
V389524	9.04	3.4	55	5.88	4285	0.92
V389525	10.68	4.5	100	5.19	3176	0.67
V389526	10.73	4.3	97	5.25	3301	0.65
V389527	9.79	4.0	69	5.12	3664	0.83
V389528	8.59	2.7	86	6.61	2129	0.61
V389529	5.24	2.1	71	3.41	2255	0.97
V389530	8.20	3.6	64	6.21	1796	0.80
V389531	8.19	3.1	57	5.76	2833	0.95
V389532	9.54	4.5	56	5.47	3323	0.75
V389533	8.80	4.8	61	6.51	2323	0.33
V389534	10.24	4.8	62	5.70	3280	0.76
V389535	8.23	3.9	55	6.69	3515	0.76
V389536	10.11	4.2	60	5.69	4592	0.88
V389537	9.42	4.9	55	5.44	3511	0.77
V389538	11.14	4.4	82	5.23	5933	0.46
V389539	6.76	3.8	85	6.79	3038	0.32
V389540	0.11	<0.1	14	12.66	408	<0.01

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389541	6.96	5.0	44	8.45	3815	0.46
V389542	7.83	3.9	49	7.23	3402	0.49
V389543	8.60	3.6	88	6.69	4517	0.59
V389544	8.73	4.1	90	5.47	4691	0.99
V389545	8.03	4.6	109	4.64	2565	0.43
V389546	8.18	4.9	95	4.73	2322	0.50
V389547	7.80	4.2	90	4.77	2415	0.30
V389548	7.32	4.7	54	6.49	2580	0.71
V389549	6.98	4.0	41	8.61	2155	0.60
V389550	>25.00	3.7	<10	0.36	2921	0.08
V389551	8.06	3.5	61	8.72	3766	0.56
V389552	8.28	3.6	25	10.06	1741	0.66
V389553	7.96	3.3	35	10.11	1947	0.49
V389554	7.45	3.6	27	7.86	2808	0.90
V389555	7.31	3.4	40	7.43	2773	1.00
V389556	8.17	3.3	116	5.10	2154	0.38
V389557	6.98	4.7	71	3.90	3145	0.37
V389558	7.67	4.6	56	4.99	3885	0.81
V389559	6.59	3.0	34	4.63	9895	1.75
V389560	7.58	4.5	52	4.81	3176	0.82
V389561	6.59	4.5	48	4.52	2461	0.66
V389562	7.17	3.6	29	5.78	1693	0.63
V389563	5.90	3.8	71	5.03	3045	0.63
V389564	8.51	4.3	88	5.38	2735	0.86
*Std MP-2a	5.07	1.3	94	0.09	1025	0.02
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01
*Rep V389255	10.92	1.6	62	3.98	4945	0.41
*Rep V389258	13.25	1.6	45	3.74	4265	1.26
*Std OREAS 927	8.65	1.8	36	2.12	1138	0.06

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
*Std OREAS 623	13.99	1.5	16	1.26	596	0.05
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01
*Std OREAS 623	13.80	1.5	17	1.22	592	0.05
*Std MP-2a	5.03	1.3	94	0.09	1017	0.02
*Rep V389503	9.69	3.4	34	7.82	2797	0.48
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01
*Std OREAS 927	8.56	1.8	35	2.18	1139	0.06
*Rep V389516	7.44	2.9	48	4.69	2976	2.40
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01
*Std MP-2a	5.02	1.3	90	0.09	1017	0.01
*Std OREAS 927	8.43	1.9	37	2.15	1114	0.05
*Rep V389524	9.25	3.5	55	5.95	4331	0.94
*Rep V389529	5.34	2.1	70	3.43	2295	1.00
*Std OREAS 623	13.18	1.6	19	1.23	602	0.05
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389251	19	14.4	3419	1.26	289	494
V389252	24	16.7	3099	1.24	292	423
V389253	20	16.8	2237	0.87	239	195
V389254	19	15.3	2786	1.51	270	338
V389255	18	15.5	2682	2.17	277	440
V389256	22	14.6	2475	2.50	319	507
V389257	17	13.9	3016	2.22	283	435
V389258	16	13.6	2518	2.01	274	413

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389259	17	16.6	2514	0.89	241	273
V389260	14	14.7	4376	1.16	247	649
V389261	19	15.3	3140	1.39	346	469
V389262	14	13.5	>5000	0.87	254	292
V389263	<5	4.2	>5000	0.42	127	187
V389264	<5	7.1	>5000	0.64	139	222
V389265	13	19.0	123	0.51	85	34
V389266	11	13.5	4429	1.67	297	453
V389267	6	10.6	>5000	0.84	202	305
V389268	6	10.0	>5000	0.88	236	473
V389269	18	13.5	3487	1.04	258	401
V389270	22	14.8	3087	1.24	291	427
V389271	22	16.3	>5000	1.02	184	214
V389272	17	17.1	4913	1.03	195	336
V389273	19	13.9	3677	2.18	265	392
V389274	19	13.8	2794	2.76	336	474
V389275	16	13.0	4354	1.77	306	515
V389276	16	12.8	4223	1.77	306	492
V389277	19	13.2	3801	2.25	321	429
V389278	21	15.7	1827	1.81	267	368
V389279	24	12.5	3134	1.92	341	512
V389280	13	7.3	4157	1.23	233	121
V389281	18	8.9	3411	1.34	274	525
V389282	12	9.6	4904	1.39	262	22
V389283	11	11.5	3320	0.87	161	15
V389284	13	10.0	2196	0.70	158	74
V389285	<5	5.0	148	<0.01	<10	14
V389286	20	12.8	4373	1.07	235	187
V389287	16	14.3	2554	1.55	227	280

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389288	22	15.8	2948	0.89	210	215
V389289	19	14.9	2240	0.86	218	209
V389290	19	12.0	2247	1.14	257	72
V389291	21	14.0	3451	1.80	310	281
V389462	20	12.5	2642	1.32	242	143
V389463	20	12.9	2817	1.40	240	128
V389464	18	12.0	2512	1.60	556	162
V389465	17	13.9	2776	1.22	381	151
V389466	23	14.9	3476	1.71	391	195
V389467	19	17.1	2472	1.31	308	239
V389468	18	12.5	3869	1.65	468	350
V389469	20	12.6	2285	1.62	583	350
V389470	13	21.2	124	0.53	76	32
V389471	15	10.1	3087	1.40	542	288
V389472	14	12.7	3593	1.22	354	234
V389473	22	13.5	2681	2.62	306	176
V389474	22	12.3	2319	2.41	360	196
V389475	23	13.1	2250	2.44	314	168
V389476	23	13.4	2112	2.43	315	165
V389477	13	6.5	>5000	0.85	213	219
V389478	19	11.0	4349	1.89	303	152
V389479	<5	4.6	127	<0.01	<10	13
V389480	21	12.9	3586	2.03	383	166
V389481	19	13.8	2777	2.14	399	197
V389482	12	12.7	2455	1.51	573	275
V389483	15	15.2	1990	1.45	404	166
V389484	12	19.8	1442	0.98	138	96
V389485	15	12.7	2250	1.33	431	229
V389486	13	12.6	2343	1.62	519	234

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389487	18	12.8	3852	1.81	437	281
V389488	19	12.9	2682	1.91	399	227
V389489	17	12.9	3027	1.97	597	418
V389490	6	14.1	443	0.29	45	31
V389491	11	9.1	2996	1.24	463	216
V389492	15	13.9	3076	1.63	600	165
V389493	16	15.6	2215	1.61	376	154
V389494	19	13.0	2642	1.46	505	209
V389495	20	13.2	2422	1.67	418	202
V389496	22	15.8	2725	1.82	287	147
V389497	11	9.7	>5000	0.89	208	199
V389498	20	14.3	3093	1.37	225	190
V389499	23	14.6	1906	1.46	284	236
V389500	14	10.3	2367	1.23	329	370
V389501	16	12.6	2251	1.78	368	357
V389502	22	17.2	2009	1.78	338	248
V389503	18	13.2	2496	2.11	250	174
V389504	24	16.7	1802	2.05	378	238
V389505	16	13.6	2520	1.66	571	246
V389506	15	14.6	2184	1.64	512	188
V389507	20	14.4	2218	1.94	373	204
V389508	16	14.9	1827	1.81	611	199
V389509	19	14.2	3252	1.65	547	334
V389510	18	12.7	2925	1.91	507	230
V389511	14	13.3	2033	1.58	562	535
V389512	19	15.4	2208	1.64	521	271
V389513	18	14.1	2195	1.68	548	383
V389514	20	16.9	1791	1.57	421	198
V389515	21	12.1	2425	1.55	643	341

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389516	10	8.3	2811	1.15	491	152
V389517	17	12.0	2878	1.41	544	146
V389518	18	10.6	3215	1.02	273	215
V389519	25	14.3	2024	1.81	371	165
V389520	13	18.8	121	0.51	88	29
V389521	21	12.3	2835	1.51	346	122
V389522	18	12.1	2501	1.45	470	176
V389523	19	12.9	2728	1.57	530	146
V389524	20	10.5	2950	1.62	695	251
V389525	22	13.9	1961	2.06	440	220
V389526	22	13.7	2029	2.03	455	230
V389527	19	12.1	1940	2.05	461	150
V389528	18	17.7	3231	0.87	183	110
V389529	<5	16.3	1498	0.45	97	106
V389530	23	16.3	2402	1.12	204	123
V389531	23	13.1	2200	1.67	447	106
V389532	22	13.9	2781	2.05	527	237
V389533	24	16.1	2101	1.66	497	194
V389534	25	14.1	4074	2.03	665	347
V389535	22	11.3	4034	1.35	391	196
V389536	20	11.7	2754	1.95	571	404
V389537	21	13.2	3262	1.93	552	281
V389538	18	11.9	2572	2.29	673	629
V389539	17	11.4	2752	1.08	436	140
V389540	<5	6.2	143	0.01	<10	15
V389541	21	11.3	2749	1.33	401	3088
V389542	14	14.8	2274	0.98	254	194
V389543	22	12.5	1969	1.58	472	257
V389544	21	12.3	4218	1.35	522	313

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389545	20	14.7	3681	1.30	394	209
V389546	18	17.8	2734	1.05	276	182
V389547	19	17.1	2075	1.10	254	189
V389548	23	13.0	4293	1.23	323	155
V389549	18	11.3	3117	1.21	274	106
V389550	7	13.2	446	0.31	77	28
V389551	19	10.9	2861	1.24	297	155
V389552	25	14.0	2352	1.42	309	99
V389553	22	14.2	2046	1.12	250	104
V389554	22	11.7	3450	1.28	324	121
V389555	22	10.9	3472	1.16	410	125
V389556	20	17.2	3152	0.96	293	130
V389557	14	17.4	3976	0.81	257	141
V389558	11	13.3	2160	0.78	355	469
V389559	5	8.4	2626	0.50	312	542
V389560	22	14.0	2940	1.14	353	175
V389561	21	13.9	3282	1.01	300	147
V389562	24	12.0	3445	1.14	214	90
V389563	15	9.6	>5000	0.85	210	144
V389564	18	13.2	4131	1.15	283	166
*Std MP-2a	<5	29.5	17	0.03	<10	5724
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10
*Rep V389255	18	15.6	2688	2.18	280	443
*Rep V389258	16	13.6	2526	2.02	271	402
*Std OREAS 927	10	27.3	33	0.33	71	735
*Std OREAS 623	7	22.1	94	0.15	13	10500
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10
*Std OREAS 623	7	23.5	88	0.15	<10	9836
*Std MP-2a	<5	>30.0	17	0.03	<10	5605

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
*Rep V389503	18	13.3	2509	2.12	254	174
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10
*Std OREAS 927	10	29.7	29	0.33	64	682
*Rep V389516	10	8.1	2763	1.15	477	148
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10
*Std MP-2a	<5	>30.0	14	0.03	<10	5506
*Std OREAS 927	10	27.7	30	0.34	70	688
*Rep V389524	20	10.7	2988	1.63	714	270
*Rep V389529	5	16.6	1506	0.46	98	111
*Std OREAS 623	7	23.0	88	0.17	19	10286
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	2	12	0.4	0.7	1857	35.6
V389252	<1	12	0.3	0.9	1158	41.2
V389253	2	11	0.7	1.4	1482	55.0
V389254	2	15	0.7	1.4	2526	60.5
V389255	3	8	0.4	1.0	2006	42.1
V389256	3	8	0.3	0.9	2062	40.3
V389257	3	7	0.4	1.1	2484	52.0
V389258	3	12	0.4	1.8	1900	95.7
V389259	3	14	0.4	1.3	1671	61.4
V389260	3	10	0.4	2.1	2501	51.9
V389261	3	18	0.3	0.8	1213	36.0
V389262	3	16	0.5	0.9	2821	34.2

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389263	3	18	1.1	0.8	5976	25.6
V389264	1	7	0.3	0.4	2239	13.4
V389265	2	590	13.2	<0.2	192	843
V389266	4	13	0.5	1.1	3027	46.9
V389267	7	18	0.7	0.9	3776	32.8
V389268	2	6	0.2	0.7	2119	16.9
V389269	2	13	0.4	0.8	1761	34.1
V389270	2	11	0.4	0.9	1349	37.0
V389271	4	10	0.3	0.6	1685	33.7
V389272	2	6	0.1	1.0	887	41.1
V389273	3	10	0.4	1.0	2247	41.1
V389274	5	9	0.4	1.1	2243	50.1
V389275	2	12	0.3	1.1	1989	50.8
V389276	3	11	0.3	1.0	2071	52.0
V389277	5	13	0.5	1.5	2071	64.0
V389278	1	10	0.4	1.2	791	57.1
V389279	3	11	0.4	1.6	1508	59.7
V389280	5	19	0.7	0.7	2722	63.3
V389281	3	31	0.7	2.4	2168	53.3
V389282	4	41	0.7	0.3	3671	64.4
V389283	3	20	0.5	<0.2	2496	58.7
V389284	3	14	0.2	<0.2	1229	34.3
V389285	<1	4	<0.1	<0.2	9.6	0.9
V389286	3	12	1.1	0.3	1926	60.9
V389287	2	9	0.6	0.5	1546	48.4
V389288	1	11	0.5	0.5	581	43.2
V389289	1	8	0.7	0.3	882	45.5
V389290	2	17	1.0	<0.2	1619	43.5
V389291	2	12	0.5	0.4	1383	35.5

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389462	<1	13	<0.1	0.3	343	31.4
V389463	<1	15	<0.1	0.2	446	44.3
V389464	<1	28	0.2	0.3	475	51.3
V389465	<1	25	0.3	<0.2	501	43.2
V389466	<1	18	0.2	0.3	495	38.6
V389467	<1	19	0.3	0.7	547	46.7
V389468	<1	21	0.7	0.8	961	49.5
V389469	<1	31	0.7	0.5	923	37.9
V389470	2	659	12.9	<0.2	210	881
V389471	<1	29	0.5	0.6	767	38.7
V389472	<1	26	0.2	0.5	674	39.5
V389473	<1	15	0.2	0.3	925	58.4
V389474	<1	16	0.2	0.4	695	60.4
V389475	<1	13	0.2	0.3	753	54.4
V389476	<1	16	0.1	0.4	758	58.0
V389477	<1	13	0.3	0.7	1237	30.2
V389478	<1	15	0.4	0.3	1291	43.4
V389479	<1	<3	<0.1	<0.2	3.7	0.6
V389480	<1	17	0.2	0.4	1433	43.4
V389481	<1	31	0.3	0.4	723	49.8
V389482	<1	35	0.5	0.7	894	33.6
V389483	<1	20	0.3	0.3	547	41.2
V389484	<1	46	0.2	<0.2	240	33.3
V389485	<1	38	0.5	0.4	672	35.8
V389486	<1	39	0.4	0.3	633	40.3
V389487	<1	14	0.1	0.4	447	46.4
V389488	<1	15	0.2	0.4	432	52.7
V389489	<1	34	0.7	0.8	686	41.8
V389490	2	732	12.0	<0.2	208	1007

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389491	<1	45	0.4	0.5	1079	37.3
V389492	<1	32	0.3	0.5	719	36.0
V389493	<1	16	0.2	<0.2	443	39.6
V389494	<1	28	0.6	0.3	609	43.2
V389495	<1	24	0.7	0.4	717	45.0
V389496	<1	16	0.2	0.3	635	50.1
V389497	<1	12	0.8	0.9	2922	34.6
V389498	<1	20	0.3	0.5	589	47.3
V389499	<1	26	0.3	0.8	445	48.3
V389500	<1	33	0.4	1.2	2573	39.3
V389501	<1	21	0.4	0.7	785	30.5
V389502	<1	14	0.3	0.5	408	38.9
V389503	<1	32	0.3	0.3	635	62.3
V389504	<1	16	0.2	0.3	462	49.7
V389505	<1	35	0.3	0.5	758	37.3
V389506	<1	29	0.3	0.4	507	43.0
V389507	<1	24	0.3	0.4	535	52.6
V389508	<1	32	0.5	0.3	633	42.6
V389509	<1	22	0.3	0.4	615	28.5
V389510	<1	34	0.8	0.4	562	45.3
V389511	<1	38	0.6	1.2	665	37.7
V389512	<1	36	0.6	0.6	498	39.5
V389513	<1	64	1.4	1.0	513	53.6
V389514	<1	25	0.5	0.3	288	57.0
V389515	<1	31	1.0	0.6	571	46.2
V389516	<1	36	0.9	0.5	801	27.3
V389517	<1	37	0.6	<0.2	1193	37.6
V389518	<1	31	0.5	0.3	2655	46.7
V389519	<1	21	0.3	0.2	248	62.4

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389520	1	673	12.7	<0.2	209	831
V389521	<1	25	0.1	<0.2	438	46.2
V389522	<1	26	0.2	0.3	515	39.3
V389523	<1	29	0.2	0.3	501	42.7
V389524	1	41	0.7	0.4	785	49.8
V389525	<1	22	0.3	<0.2	514	48.1
V389526	1	20	0.3	0.2	519	47.5
V389527	<1	25	0.2	0.2	567	47.2
V389528	<1	24	0.2	<0.2	411	48.6
V389529	<1	42	0.2	<0.2	894	15.3
V389530	<1	32	<0.1	<0.2	374	46.6
V389531	<1	39	0.2	<0.2	617	41.9
V389532	<1	23	0.6	0.3	469	42.2
V389533	<1	28	0.6	0.3	179	54.7
V389534	<1	30	0.4	0.6	401	51.9
V389535	<1	50	0.8	0.4	784	47.1
V389536	<1	43	0.5	0.7	562	54.0
V389537	<1	34	0.6	0.3	555	47.1
V389538	<1	48	1.4	1.1	1146	47.1
V389539	<1	45	0.5	0.3	413	53.3
V389540	<1	3	<0.1	<0.2	3.9	0.7
V389541	<1	51	2.5	1.2	477	52.7
V389542	<1	35	0.7	0.5	852	39.7
V389543	<1	27	1.7	0.6	840	42.1
V389544	<1	38	1.6	0.8	725	42.5
V389545	<1	21	2.3	0.6	700	46.7
V389546	<1	18	2.1	0.3	408	40.5
V389547	<1	15	0.4	0.3	454	40.5
V389548	<1	41	0.6	0.4	864	47.4

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389549	<1	76	0.6	0.2	549	57.3
V389550	2	809	12.1	<0.2	213	1040
V389551	<1	46	3.3	0.3	532	55.0
V389552	<1	31	0.2	<0.2	309	63.3
V389553	<1	26	0.2	0.2	290	65.1
V389554	<1	37	0.6	0.3	655	51.7
V389555	<1	34	0.3	0.3	596	47.6
V389556	<1	17	0.6	0.3	399	41.6
V389557	<1	12	0.2	0.3	721	33.8
V389558	<1	21	0.3	1.8	904	40.5
V389559	<1	23	0.6	1.9	3170	18.4
V389560	<1	28	0.1	0.4	511	46.6
V389561	<1	27	0.2	0.2	429	31.4
V389562	<1	23	<0.1	<0.2	356	41.6
V389563	<1	19	0.7	0.6	1065	29.7
V389564	<1	29	0.3	0.4	780	44.3
*Std MP-2a	5	5466	>1000	12.9	348	5.8
*Blk BLANK	<1	<3	<0.1	<0.2	0.2	<0.5
*Rep V389255	3	8	0.5	0.8	1978	40.6
*Rep V389258	3	10	0.4	1.8	1928	97.3
*Std OREAS 927	5	19	55.9	1.0	68.9	29.9
*Std OREAS 623	21	73	18.4	52.4	49.1	219
*Blk BLANK	<1	<3	<0.1	<0.2	<0.1	<0.5
*Std OREAS 623	19	79	17.2	50.4	53.1	219
*Std MP-2a	4	5864	>1000	13.3	416	5.7
*Rep V389503	<1	29	0.3	0.3	632	63.2
*Blk BLANK	<1	<3	<0.1	<0.2	<0.1	<0.5
*Std OREAS 927	4	17	58.5	1.1	67.3	27.8
*Rep V389516	<1	36	0.8	0.4	761	27.5

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<1	<3	<0.1	<0.2	<0.1	<0.5
*Std MP-2a	4	5671	991	12.7	392	5.2
*Std OREAS 927	4	18	48.4	0.9	66.2	29.5
*Rep V389524	1	43	0.6	0.4	774	52.3
*Rep V389529	<1	41	0.2	0.2	889	15.0
*Std OREAS 623	20	82	17.4	50.0	52.9	213
*Blk BLANK	<1	<3	<0.1	<0.2	0.1	<0.5

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	3.8	38.27	16.69	20.08	12	59.11
V389252	2.9	23.14	10.56	12.57	13	35.82
V389253	3.1	18.79	8.24	11.36	14	29.40
V389254	3.1	32.52	14.12	20.00	14	54.20
V389255	2.1	23.65	9.86	15.25	15	38.77
V389256	2.4	28.40	12.17	17.30	14	45.74
V389257	3.0	44.01	18.82	24.38	14	67.79
V389258	2.4	34.40	14.84	19.57	15	55.08
V389259	2.4	27.14	11.78	15.92	13	44.04
V389260	2.9	45.45	19.34	24.72	11	71.25
V389261	4.1	25.95	11.96	13.16	15	39.12
V389262	2.8	56.89	24.74	29.82	11	88.36
V389263	0.6	131	56.59	69.85	2	210
V389264	1.8	46.21	19.88	24.25	3	72.13
V389265	0.8	5.36	3.35	2.04	16	5.60
V389266	4.2	48.86	20.75	27.52	12	78.78

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389267	3.8	83.98	36.69	44.49	8	128
V389268	1.0	46.00	19.79	24.48	3	70.94
V389269	4.8	40.66	18.10	20.77	12	61.31
V389270	5.3	28.44	13.18	14.39	13	43.66
V389271	3.5	22.61	9.93	13.22	14	35.19
V389272	4.1	18.40	8.19	9.60	16	27.83
V389273	4.0	36.10	15.41	21.15	13	56.36
V389274	5.0	32.42	13.60	19.12	15	51.63
V389275	7.9	39.43	17.23	20.59	15	60.25
V389276	7.2	40.35	17.88	21.60	14	61.10
V389277	3.8	32.99	14.16	18.88	12	51.56
V389278	4.4	15.02	7.07	8.01	15	22.16
V389279	3.3	26.54	11.53	14.35	12	41.40
V389280	1.6	56.56	25.53	30.68	10	86.42
V389281	1.8	38.09	17.60	20.86	10	58.78
V389282	1.7	73.36	31.58	38.98	9	115
V389283	1.5	47.05	20.01	25.26	9	73.20
V389284	1.7	19.79	8.84	10.40	8	27.68
V389285	0.4	0.26	0.12	0.10	<1	0.26
V389286	5.0	30.90	13.80	17.29	13	47.99
V389287	7.2	17.63	7.71	11.26	17	29.58
V389288	5.2	11.40	5.15	5.92	13	16.04
V389289	5.0	14.82	6.86	8.09	14	22.51
V389290	3.9	27.83	13.13	14.68	14	41.82
V389291	8.4	24.82	10.72	13.52	15	37.99
V389462	2.5	7.73	3.11	5.20	10	13.95
V389463	3.8	10.55	4.19	7.18	14	19.48
V389464	1.4	12.63	6.28	7.03	12	19.49
V389465	2.7	11.11	5.25	6.57	13	17.64

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389466	3.2	13.34	5.89	7.82	14	20.82
V389467	2.5	11.96	5.84	6.29	15	16.96
V389468	2.1	20.85	9.83	11.72	12	31.62
V389469	1.5	25.46	12.76	12.74	14	33.05
V389470	0.8	5.64	3.47	2.76	17	6.08
V389471	0.9	24.77	13.50	12.15	11	31.38
V389472	2.9	17.33	8.49	9.86	12	24.86
V389473	2.5	17.46	6.33	13.28	13	32.25
V389474	2.0	18.21	7.99	11.77	13	28.56
V389475	2.0	18.37	7.32	13.22	13	32.78
V389476	2.1	18.68	7.14	13.61	13	32.83
V389477	0.6	39.01	17.72	20.83	7	54.79
V389478	1.6	32.94	16.29	16.83	11	43.65
V389479	0.4	0.15	0.09	0.07	<1	0.17
V389480	2.3	29.65	14.22	16.47	14	41.43
V389481	1.6	18.64	9.04	10.56	13	27.07
V389482	0.6	40.47	23.27	17.43	12	48.18
V389483	1.5	14.30	7.50	8.23	14	20.55
V389484	2.4	6.19	3.24	3.87	16	9.45
V389485	1.0	35.67	20.48	13.38	14	39.19
V389486	1.0	36.08	20.56	13.92	14	40.04
V389487	3.9	12.17	4.88	7.90	15	20.29
V389488	3.4	11.33	4.62	7.05	15	18.42
V389489	2.1	28.43	14.97	13.30	14	36.58
V389490	0.2	2.97	1.83	2.11	14	3.75
V389491	0.8	48.25	26.93	21.08	9	57.53
V389492	2.2	34.35	19.40	14.26	14	40.25
V389493	1.9	10.94	4.68	6.90	16	17.83
V389494	1.3	24.99	14.34	11.20	14	31.22

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389495	1.3	18.76	9.17	10.84	13	27.23
V389496	4.1	12.49	5.11	8.71	14	21.77
V389497	2.9	40.25	19.47	26.04	7	61.42
V389498	4.9	11.99	4.89	8.08	13	20.70
V389499	4.8	10.07	4.49	6.60	14	16.06
V389500	1.3	37.24	18.38	23.71	10	56.20
V389501	2.6	28.18	11.94	14.58	11	37.16
V389502	2.4	13.62	6.50	7.66	13	20.28
V389503	3.0	12.54	4.69	9.32	12	22.68
V389504	4.1	11.45	4.59	7.40	17	19.63
V389505	1.4	35.68	20.60	14.30	13	40.32
V389506	1.4	23.16	12.87	9.90	14	27.16
V389507	2.1	13.44	5.75	9.10	14	22.12
V389508	1.2	23.89	12.99	11.45	14	30.47
V389509	2.8	20.57	9.59	14.00	14	33.30
V389510	1.7	22.81	11.86	11.19	13	29.45
V389511	1.2	25.12	12.94	11.76	13	31.12
V389512	1.6	21.04	11.59	9.35	14	26.98
V389513	2.1	32.55	17.24	11.22	14	35.65
V389514	3.1	10.50	5.44	5.32	16	15.16
V389515	1.3	27.90	13.96	13.58	12	38.59
V389516	0.5	92.70	51.74	25.89	8	84.30
V389517	1.4	31.63	17.40	12.42	13	36.97
V389518	2.2	14.30	5.79	13.98	9	33.93
V389519	2.7	8.57	3.70	5.16	15	14.67
V389520	0.8	5.70	3.28	2.49	16	6.29
V389521	3.1	21.84	11.41	9.39	13	28.15
V389522	2.8	38.04	19.71	12.34	13	40.49
V389523	3.6	54.82	28.75	15.25	14	53.77

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389524	1.8	38.91	22.08	12.64	13	42.35
V389525	3.8	16.16	7.32	9.99	16	28.12
V389526	3.7	15.82	7.36	10.34	15	28.60
V389527	2.5	19.92	10.26	9.73	13	27.66
V389528	14.9	8.01	3.48	5.04	14	13.73
V389529	6.3	17.15	7.36	10.95	15	30.42
V389530	7.1	9.17	3.69	5.86	14	16.44
V389531	3.4	19.82	9.81	9.85	14	28.47
V389532	4.0	13.36	6.24	7.21	16	20.56
V389533	4.4	7.30	3.69	3.66	17	10.46
V389534	2.0	12.72	5.95	7.24	16	20.79
V389535	2.6	20.63	10.66	10.06	12	29.22
V389536	2.0	20.03	8.15	10.12	15	29.74
V389537	1.3	20.14	8.12	11.98	16	34.77
V389538	1.2	19.60	8.72	13.44	13	35.59
V389539	1.5	18.95	10.28	7.20	12	23.21
V389540	0.4	0.15	0.07	0.07	<1	0.20
V389541	1.9	9.24	3.98	5.76	13	15.86
V389542	2.1	16.05	7.55	8.76	12	24.72
V389543	2.2	19.51	10.13	9.98	13	27.95
V389544	2.0	26.31	14.80	10.27	13	31.01
V389545	3.2	13.97	6.99	7.35	14	21.22
V389546	2.7	10.38	4.95	5.50	16	15.96
V389547	2.9	9.91	4.32	5.82	15	15.78
V389548	2.8	16.93	8.01	9.47	13	26.97
V389549	1.7	11.13	5.10	6.77	11	18.37
V389550	0.3	3.08	1.83	2.18	14	4.06
V389551	2.1	15.15	8.75	7.36	11	20.33
V389552	3.2	12.51	6.77	5.96	12	17.28

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389553	2.9	7.59	3.28	4.58	11	13.31
V389554	2.4	15.88	7.56	9.02	11	25.25
V389555	1.6	20.30	10.39	9.67	10	27.74
V389556	2.7	9.94	4.62	5.06	16	14.52
V389557	2.2	15.04	6.82	8.48	15	23.73
V389558	2.0	17.73	10.35	10.84	11	29.16
V389559	0.3	59.70	33.65	31.64	5	84.80
V389560	1.4	12.99	5.99	7.49	13	21.17
V389561	1.6	9.48	4.15	6.63	13	18.48
V389562	3.2	6.58	2.39	5.13	11	13.71
V389563	3.0	19.31	9.04	11.90	9	32.95
V389564	4.1	13.92	6.03	9.30	13	25.43
*Std MP-2a	6.1	31.89	23.29	0.15	24	23.54
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Rep V389255	2.1	23.03	9.83	14.84	14	38.41
*Rep V389258	2.3	34.52	14.93	20.16	14	54.77
*Std OREAS 927	5.2	4.27	2.54	0.96	17	4.92
*Std OREAS 623	2.9	3.27	1.78	1.20	21	4.15
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Std OREAS 623	2.6	3.19	1.77	1.39	22	4.20
*Std MP-2a	5.4	34.45	24.12	0.12	26	25.08
*Rep V389503	3.0	12.33	4.79	9.31	12	22.79
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Std OREAS 927	5.0	4.22	2.35	1.00	16	4.86
*Rep V389516	0.5	87.75	50.65	24.38	8	81.54
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Std MP-2a	5.6	33.47	23.25	0.12	24	25.65
*Std OREAS 927	4.9	4.20	2.28	0.94	17	4.90
*Rep V389524	1.9	38.73	21.82	12.49	14	41.17

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389529	6.2	17.18	7.35	11.11	15	30.78
*Std OREAS 623	2.7	3.38	1.78	1.37	21	4.56
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	<1	6.77	<0.2	1001	1.09	19
V389252	<1	4.08	<0.2	625	0.85	7
V389253	<1	3.28	<0.2	795	0.74	22
V389254	<1	5.78	<0.2	1429	1.00	22
V389255	<1	4.14	<0.2	1118	0.73	12
V389256	<1	5.09	<0.2	1084	0.80	8
V389257	<1	7.71	<0.2	1297	1.09	10
V389258	<1	6.05	<0.2	968	0.89	14
V389259	<1	4.72	<0.2	871	0.92	18
V389260	<1	7.92	<0.2	1303	1.19	23
V389261	<1	4.69	<0.2	669	0.84	25
V389262	<1	9.86	<0.2	1467	1.57	25
V389263	<1	23.13	<0.2	3073	2.62	21
V389264	<1	8.26	<0.2	1171	1.10	7
V389265	<1	1.16	0.2	290	0.44	80
V389266	<1	8.39	<0.2	1559	1.30	20
V389267	<1	14.91	<0.2	1886	2.06	8
V389268	<1	7.95	<0.2	1053	1.02	5
V389269	<1	7.16	<0.2	922	1.22	13
V389270	<1	5.10	<0.2	739	0.91	21

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389271	<1	3.95	<0.2	887	0.91	24
V389272	<1	3.23	<0.2	487	0.63	11
V389273	<1	6.35	<0.2	1161	0.94	26
V389274	<1	5.79	<0.2	1136	0.87	15
V389275	<1	7.04	<0.2	1055	0.94	13
V389276	<1	7.23	<0.2	1090	0.98	13
V389277	<1	5.87	<0.2	1071	0.93	20
V389278	<1	2.78	<0.2	427	0.58	17
V389279	<1	4.82	<0.2	779	0.86	15
V389280	<1	10.24	<0.2	1375	1.40	6
V389281	<1	6.89	<0.2	1121	1.10	11
V389282	<1	13.20	<0.2	1885	1.64	6
V389283	<1	8.26	<0.2	1286	1.18	48
V389284	<1	3.48	<0.2	643	0.66	37
V389285	<1	<0.05	<0.2	5.1	<0.05	<2
V389286	<1	5.48	<0.2	1030	0.94	10
V389287	<1	3.06	<0.2	825	0.55	11
V389288	<1	2.05	<0.2	318	0.54	57
V389289	<1	2.60	<0.2	470	0.63	6
V389290	<1	4.98	<0.2	862	1.03	10
V389291	<1	4.37	<0.2	720	0.70	12
V389462	<1	1.25	<0.2	181	0.29	48
V389463	<1	1.73	<0.2	212	0.43	62
V389464	<1	2.29	<0.2	255	0.86	231
V389465	<1	1.97	<0.2	291	0.71	198
V389466	<1	2.27	<0.2	294	0.59	34
V389467	<1	2.17	<0.2	362	0.70	78
V389468	<1	3.73	<0.2	590	1.06	48
V389469	<1	4.54	<0.2	630	1.45	29

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389470	<1	1.12	0.2	312	0.45	87
V389471	<1	4.57	<0.2	440	1.72	15
V389472	<1	2.99	<0.2	385	0.89	13
V389473	<1	2.66	<0.2	476	0.49	13
V389474	<1	3.07	<0.2	340	0.69	36
V389475	<1	2.93	<0.2	385	0.59	29
V389476	<1	2.94	<0.2	383	0.56	28
V389477	<1	6.54	<0.2	680	1.67	15
V389478	<1	5.83	<0.2	727	1.63	28
V389479	<1	<0.05	<0.2	2.1	<0.05	<2
V389480	<1	5.15	<0.2	861	1.20	29
V389481	<1	3.23	<0.2	404	0.93	44
V389482	<1	7.50	<0.2	505	2.50	62
V389483	<1	2.54	<0.2	261	0.87	56
V389484	<1	1.11	<0.2	121	0.38	3
V389485	<1	6.60	<0.2	370	2.22	171
V389486	<1	6.60	<0.2	340	2.41	186
V389487	<1	1.91	<0.2	214	0.47	22
V389488	<1	1.79	<0.2	208	0.41	12
V389489	<1	5.18	<0.2	391	1.58	97
V389490	1	0.60	0.3	292	0.30	277
V389491	<1	8.77	<0.2	585	3.11	97
V389492	<1	6.46	<0.2	417	2.04	174
V389493	<1	1.73	<0.2	227	0.48	17
V389494	<1	4.70	<0.2	358	1.81	102
V389495	<1	3.19	<0.2	413	1.10	57
V389496	<1	2.02	<0.2	373	0.47	21
V389497	<1	7.12	<0.2	1998	1.26	43
V389498	<1	1.88	<0.2	354	0.40	21

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389499	<1	1.64	<0.2	253	0.47	31
V389500	<1	6.46	<0.2	1654	1.77	44
V389501	<1	4.58	<0.2	437	1.06	21
V389502	<1	2.30	<0.2	199	0.63	59
V389503	<1	1.93	<0.2	340	0.42	27
V389504	1	1.82	<0.2	217	0.43	25
V389505	<1	6.66	<0.2	418	2.16	78
V389506	<1	4.30	<0.2	262	1.44	25
V389507	<1	2.20	<0.2	264	0.53	48
V389508	<1	4.36	<0.2	346	1.54	47
V389509	<1	3.45	<0.2	260	1.06	23
V389510	<1	4.14	<0.2	295	1.27	377
V389511	<1	4.48	<0.2	386	1.41	357
V389512	<1	3.83	<0.2	246	1.20	106
V389513	<1	5.82	0.7	263	1.70	112
V389514	<1	1.86	<0.2	165	0.63	46
V389515	<1	4.78	<0.2	302	1.43	169
V389516	<1	17.14	<0.2	414	5.35	222
V389517	<1	5.70	<0.2	890	2.09	86
V389518	<1	2.16	<0.2	2238	0.73	66
V389519	<1	1.36	<0.2	130	0.37	21
V389520	1	1.06	<0.2	284	0.42	84
V389521	<1	3.81	<0.2	219	1.36	14
V389522	<1	6.61	<0.2	262	2.24	35
V389523	<1	9.79	<0.2	263	2.85	27
V389524	<1	7.11	<0.2	456	2.65	189
V389525	<1	2.60	<0.2	251	0.84	102
V389526	<1	2.56	<0.2	250	0.84	114
V389527	<1	3.46	<0.2	285	1.27	156

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389528	<1	1.31	<0.2	214	0.35	11
V389529	<1	2.72	<0.2	485	0.72	41
V389530	<1	1.42	<0.2	173	0.36	10
V389531	<1	3.38	<0.2	342	1.23	65
V389532	<1	2.15	<0.2	248	0.68	43
V389533	<1	1.24	<0.2	89.8	0.52	134
V389534	<1	2.05	<0.2	193	0.71	53
V389535	<1	3.56	<0.2	484	1.28	64
V389536	<1	3.09	<0.2	279	0.78	82
V389537	<1	3.01	<0.2	260	0.95	96
V389538	<1	3.09	<0.2	515	1.06	126
V389539	<1	3.31	<0.2	212	1.27	25
V389540	<1	<0.05	<0.2	2.5	<0.05	<2
V389541	<1	1.50	0.4	235	0.46	26
V389542	<1	2.69	<0.2	496	0.73	148
V389543	<1	3.40	<0.2	494	1.15	438
V389544	<1	4.82	<0.2	420	1.83	218
V389545	<1	2.42	<0.2	443	0.81	88
V389546	<1	1.70	<0.2	220	0.51	110
V389547	<1	1.61	<0.2	226	0.48	67
V389548	<1	2.82	<0.2	516	0.76	97
V389549	<1	1.80	<0.2	273	0.60	23
V389550	1	0.58	0.3	290	0.27	291
V389551	<1	2.81	<0.2	303	1.10	42
V389552	<1	2.16	<0.2	162	0.90	19
V389553	<1	1.21	<0.2	153	0.38	69
V389554	<1	2.71	<0.2	373	0.75	8
V389555	<1	3.51	<0.2	338	1.29	9
V389556	<1	1.68	<0.2	225	0.47	41

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389557	<1	2.46	<0.2	415	0.70	42
V389558	<1	3.23	<0.2	479	1.46	106
V389559	<1	11.24	<0.2	2069	3.48	73
V389560	<1	2.13	<0.2	274	0.61	80
V389561	<1	1.55	<0.2	214	0.44	33
V389562	<1	0.94	<0.2	173	0.19	13
V389563	<1	3.21	<0.2	682	0.69	99
V389564	<1	2.23	<0.2	498	0.54	79
*Std MP-2a	8	7.03	11.9	148	4.03	1673
*Blk BLANK	<1	<0.05	<0.2	0.1	<0.05	<2
*Rep V389255	<1	3.95	<0.2	1098	0.71	12
*Rep V389258	<1	5.96	<0.2	972	0.91	14
*Std OREAS 927	2	0.89	1.0	36.0	0.32	<2
*Std OREAS 623	1	0.63	1.9	25.7	0.27	9
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2
*Std OREAS 623	1	0.57	1.9	26.2	0.28	9
*Std MP-2a	9	6.98	11.5	171	4.13	1666
*Rep V389503	<1	1.87	<0.2	338	0.43	27
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2
*Std OREAS 927	2	0.77	1.1	35.0	0.30	<2
*Rep V389516	<1	16.61	<0.2	398	5.34	212
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2
*Std MP-2a	9	6.56	11.6	165	4.01	1657
*Std OREAS 927	2	0.74	1.0	35.0	0.30	<2
*Rep V389524	<1	7.16	<0.2	453	2.68	201
*Rep V389529	<1	2.69	<0.2	478	0.71	41
*Std OREAS 623	1	0.58	1.9	26.7	0.26	9
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	409	629	187	28	179	85
V389252	314	385	195	17	110	67
V389253	742	427	175	42	133	77
V389254	932	730	105	35	244	86
V389255	1024	574	53	37	178	50
V389256	1144	621	67	28	189	53
V389257	1384	785	74	38	255	72
V389258	994	629	142	26	184	53
V389259	659	519	128	23	157	58
V389260	979	792	130	32	248	79
V389261	767	388	79	28	114	112
V389262	1080	921	66	41	294	82
V389263	1124	2029	59	88	633	17
V389264	518	715	26	36	227	45
V389265	10	38.8	50	10	13.20	145
V389266	1579	934	72	43	306	106
V389267	2864	1298	60	63	399	96
V389268	716	706	31	24	216	26
V389269	864	598	78	31	170	130
V389270	543	438	110	25	127	129
V389271	1235	484	115	42	151	94
V389272	215	286	131	20	83.64	109
V389273	1246	716	58	30	212	108
V389274	1533	678	83	33	211	137
V389275	587	639	182	23	189	204
V389276	658	662	168	24	198	191
V389277	1596	641	140	35	195	92
V389278	390	243	164	24	73.94	165
V389279	864	466	165	23	143	109

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389280	1473	872	167	48	286	46
V389281	982	659	99	19	204	66
V389282	1126	1196	114	20	387	49
V389283	1197	773	93	27	237	42
V389284	842	347	91	10	112	91
V389285	6	3.2	7	3	1.02	<2
V389286	950	568	162	12	178	182
V389287	739	425	152	13	138	250
V389288	420	177	144	19	53.83	154
V389289	480	260	127	12	80.99	191
V389290	783	480	136	11	149	121
V389291	828	423	98	14	130	263
V389462	177	137	88	20	36.45	89
V389463	275	181	133	21	47.25	118
V389464	425	181	204	32	48.62	86
V389465	424	169	166	41	47.55	107
V389466	314	177	122	36	48.85	121
V389467	422	158	158	69	47.59	88
V389468	652	299	151	117	88.14	85
V389469	730	272	176	72	81.36	95
V389470	11	42.2	53	8	14.31	154
V389471	612	245	142	55	70.56	59
V389472	525	223	143	21	63.01	102
V389473	420	337	214	25	90.80	113
V389474	353	267	187	20	70.55	106
V389475	354	284	212	18	74.90	103
V389476	326	291	226	17	75.68	105
V389477	208	411	109	57	115	51
V389478	284	412	131	38	119	83

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389479	<2	1.4	<5	<2	0.39	<2
V389480	527	435	122	24	126	87
V389481	320	241	174	44	68.81	94
V389482	897	303	139	50	83.62	67
V389483	516	190	135	22	52.86	77
V389484	151	92.5	62	5	25.95	60
V389485	627	232	120	48	64.00	73
V389486	755	227	123	44	61.54	72
V389487	526	157	118	14	42.65	153
V389488	340	156	168	19	42.44	109
V389489	800	235	134	100	64.69	106
V389490	6	32.6	69	12	12.19	75
V389491	588	374	114	43	103	50
V389492	775	240	81	50	66.49	82
V389493	397	147	108	15	41.21	109
V389494	533	203	141	42	57.07	93
V389495	542	238	166	70	67.11	89
V389496	274	213	213	28	58.00	110
V389497	609	712	147	248	227	114
V389498	179	184	210	61	52.82	124
V389499	169	138	205	34	39.26	107
V389500	433	678	149	74	211	67
V389501	687	263	81	46	73.70	83
V389502	422	146	100	59	39.63	80
V389503	302	227	294	28	61.70	84
V389504	523	163	169	15	45.02	150
V389505	756	263	107	27	73.49	75
V389506	635	176	135	29	48.11	92
V389507	293	194	161	44	52.31	101

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389508	683	223	135	43	61.50	81
V389509	724	313	105	41	74.47	129
V389510	555	196	179	86	52.88	87
V389511	784	219	114	91	61.03	83
V389512	583	177	129	51	50.23	94
V389513	640	183	223	59	51.24	84
V389514	378	107	221	42	30.81	83
V389515	802	222	225	91	60.37	76
V389516	824	318	84	57	85.16	43
V389517	622	313	143	33	101	82
V389518	246	539	266	50	197	59
V389519	198	108	211	24	28.77	89
V389520	11	41.2	50	8	14.42	147
V389521	250	172	138	14	46.66	84
V389522	518	199	132	21	53.38	77
V389523	638	196	162	18	51.97	67
V389524	875	245	214	54	74.62	85
V389525	288	230	164	20	58.31	103
V389526	289	232	159	22	59.73	103
V389527	474	216	154	17	59.55	86
V389528	159	136	287	18	40.15	73
V389529	316	302	65	15	87.86	85
V389530	188	146	172	12	39.81	105
V389531	322	224	151	18	62.50	71
V389532	535	167	205	30	47.06	143
V389533	493	77.0	231	59	20.36	103
V389534	634	163	214	39	43.45	109
V389535	308	246	216	75	73.34	101
V389536	773	216	188	74	58.81	116

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389537	672	224	175	77	58.89	92
V389538	1806	358	169	274	114	90
V389539	488	140	266	70	39.33	92
V389540	5	1.4	<5	<2	0.40	<2
V389541	423	172	235	3799	48.32	131
V389542	491	247	173	46	77.54	109
V389543	596	272	180	209	80.74	98
V389544	554	234	165	153	69.16	99
V389545	581	201	170	164	61.51	123
V389546	205	132	156	87	38.99	125
V389547	384	154	149	53	45.21	105
V389548	454	255	175	59	78.81	130
V389549	312	186	293	47	53.80	101
V389550	27	33.8	72	12	12.86	75
V389551	236	179	293	31	51.70	88
V389552	201	126	412	11	34.45	107
V389553	173	116	396	11	32.23	98
V389554	305	214	211	91	62.23	109
V389555	385	207	197	60	59.00	92
V389556	167	122	158	51	36.55	89
V389557	204	230	99	26	68.01	101
V389558	385	280	177	38	86.11	78
V389559	580	893	41	96	324	41
V389560	416	176	211	25	52.69	98
V389561	333	156	146	28	45.93	105
V389562	201	133	245	15	38.35	117
V389563	212	311	140	219	101	105
V389564	281	245	220	85	75.59	129
*Std MP-2a	89	120	15	2758	35.75	219

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2
*Rep V389255	968	550	52	38	176	46
*Rep V389258	993	618	130	27	186	53
*Std OREAS 927	375	30.8	31	202	8.12	111
*Std OREAS 623	9	23.1	17	2447	5.76	59
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2
*Std OREAS 623	9	23.1	34	2350	5.91	60
*Std MP-2a	90	129	12	2793	41.12	222
*Rep V389503	297	227	292	28	60.88	84
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2
*Std OREAS 927	11	29.0	31	201	8.12	112
*Rep V389516	840	302	80	56	79.63	42
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2
*Std MP-2a	110	126	11	2666	41.51	214
*Std OREAS 927	13	29.5	31	189	7.96	112
*Rep V389524	895	246	224	53	73.46	90
*Rep V389529	318	307	64	15	87.74	84
*Std OREAS 623	37	24.1	19	2329	6.32	59
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	<1	77.6	4	7.4	7.64	288
V389252	<1	48.8	3	3.6	4.70	123
V389253	<1	46.6	1	7.2	3.94	157
V389254	<1	80.1	3	9.5	6.97	269

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389255	<1	61.2	4	11.0	5.18	212
V389256	<1	70.3	4	14.6	5.95	292
V389257	<1	97.0	3	24.9	8.88	637
V389258	<1	76.9	3	13.4	7.31	382
V389259	<1	62.4	3	8.5	5.64	305
V389260	<1	96.8	2	10.7	9.09	463
V389261	<1	51.8	3	14.8	5.15	422
V389262	<1	119	2	15.5	11.62	751
V389263	<1	265	1	11.1	26.60	>1000
V389264	<1	93.0	<1	5.0	9.34	360
V389265	8	6.0	8	0.8	0.90	12.8
V389266	<1	111	3	20.4	9.94	619
V389267	<1	170	2	70.0	16.78	>1000
V389268	<1	94.5	<1	16.6	9.56	567
V389269	<1	79.4	3	21.4	8.16	480
V389270	<1	55.5	3	9.0	5.58	244
V389271	<1	53.5	2	20.0	4.66	309
V389272	<1	37.3	1	5.1	3.64	66.6
V389273	<1	83.3	3	14.6	7.47	268
V389274	<1	78.4	4	24.3	6.74	324
V389275	<1	80.1	3	9.0	7.84	226
V389276	<1	83.4	3	10.6	8.11	249
V389277	<1	73.7	4	25.4	6.97	285
V389278	<1	30.8	2	6.5	3.09	68.9
V389279	<1	56.9	3	14.6	5.41	241
V389280	2	114	2	43.9	11.50	867
V389281	5	80.6	1	18.0	7.93	360
V389282	3	152	1	19.8	15.21	534
V389283	2	99.4	1	20.6	9.42	496

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389284	2	40.2	<1	14.7	3.90	300
V389285	<1	0.4	<1	<0.5	<0.05	2.3
V389286	<1	68.6	1	14.7	6.30	207
V389287	<1	45.6	2	7.3	3.72	104
V389288	<1	22.2	1	8.9	2.26	118
V389289	<1	31.3	2	8.2	2.98	131
V389290	1	59.4	1	12.5	5.54	250
V389291	<1	52.4	2	12.1	5.00	229
V389462	<1	19.3	<1	8.2	1.45	25.5
V389463	<1	26.3	1	11.3	2.10	34.7
V389464	1	26.4	2	9.0	2.24	46.6
V389465	<1	23.7	1	7.7	1.99	40.8
V389466	1	27.8	2	5.7	2.40	27.6
V389467	2	21.0	1	4.4	2.09	32.1
V389468	<1	41.5	2	6.1	3.67	47.5
V389469	<1	41.6	2	5.8	4.60	83.0
V389470	9	6.5	10	0.8	0.92	13.1
V389471	<1	39.8	2	7.1	4.21	116
V389472	<1	33.6	1	8.1	3.14	53.1
V389473	<1	48.9	2	7.2	3.64	25.2
V389474	<1	41.0	2	5.7	3.49	36.4
V389475	<1	48.5	3	7.0	3.75	23.3
V389476	<1	48.6	2	7.2	3.69	23.1
V389477	<1	69.3	1	3.7	7.08	71.5
V389478	1	60.6	2	5.9	5.83	63.6
V389479	<1	0.2	<1	<0.5	<0.05	0.3
V389480	<1	58.7	2	5.9	5.20	47.6
V389481	<1	36.5	2	7.4	3.40	39.6
V389482	<1	53.9	2	8.5	6.88	89.0

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389483	1	28.1	4	7.4	2.66	37.9
V389484	4	13.1	1	7.7	1.19	11.9
V389485	1	41.5	1	6.3	5.72	99.4
V389486	<1	41.1	2	7.2	5.85	97.5
V389487	<1	25.2	2	5.0	2.44	16.1
V389488	<1	24.4	2	3.8	2.21	12.4
V389489	1	41.0	3	5.6	4.98	78.7
V389490	9	4.2	9	<0.5	0.50	7.8
V389491	1	65.3	1	6.9	8.23	121
V389492	<1	43.1	2	6.7	5.72	76.4
V389493	<1	23.4	2	6.7	2.07	31.3
V389494	1	34.6	2	7.0	4.30	74.8
V389495	<1	36.6	2	6.6	3.46	49.0
V389496	<1	30.7	2	6.2	2.48	25.1
V389497	<1	89.4	1	7.1	7.79	51.4
V389498	<1	28.2	2	5.4	2.37	31.3
V389499	1	21.2	2	6.3	1.94	22.0
V389500	1	84.4	2	5.2	6.96	138
V389501	1	46.2	1	7.9	5.01	62.9
V389502	<1	25.9	2	5.9	2.56	47.7
V389503	<1	33.8	2	8.6	2.51	38.0
V389504	<1	26.0	2	5.9	2.27	29.8
V389505	<1	44.3	2	6.8	5.85	78.1
V389506	<1	30.3	2	7.3	3.86	57.6
V389507	1	31.8	2	6.8	2.66	31.3
V389508	1	36.8	2	7.4	4.11	59.2
V389509	<1	51.2	2	7.1	4.01	76.3
V389510	<1	35.5	2	6.2	3.99	56.0
V389511	1	36.7	2	7.0	4.32	73.0

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389512	1	30.4	3	6.9	3.43	57.1
V389513	1	32.9	29	7.1	5.07	83.4
V389514	1	17.2	2	5.9	1.86	29.8
V389515	1	42.8	2	6.2	4.71	109
V389516	1	68.1	1	11.5	13.47	166
V389517	<1	41.2	2	9.9	4.92	134
V389518	2	53.9	8	6.3	3.11	114
V389519	<1	17.7	2	4.8	1.59	26.1
V389520	8	6.2	10	0.7	0.84	13.1
V389521	<1	29.3	2	5.8	3.52	46.8
V389522	<1	35.5	1	5.7	5.70	96.2
V389523	1	39.5	2	4.8	8.30	123
V389524	3	37.9	2	5.0	5.81	148
V389525	2	36.7	39	4.8	2.86	78.9
V389526	2	37.4	2	4.5	2.89	89.8
V389527	1	32.6	2	5.4	3.26	52.4
V389528	2	17.8	1	6.1	1.52	21.0
V389529	2	40.1	1	14.5	3.20	72.5
V389530	<1	20.9	2	9.4	1.72	24.9
V389531	1	33.6	2	7.7	3.30	58.5
V389532	<1	25.0	58	4.1	2.39	56.3
V389533	<1	12.2	2	4.4	1.19	18.2
V389534	<1	26.3	34	6.1	2.31	51.0
V389535	<1	34.1	2	7.6	3.49	80.0
V389536	<1	33.8	2	5.8	3.52	72.0
V389537	<1	39.6	8	7.2	3.77	119
V389538	<1	46.8	10	7.1	3.84	171
V389539	<1	22.6	46	6.1	2.96	64.4
V389540	<1	0.2	<1	<0.5	<0.05	0.5

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389541	2	22.7	2	8.7	1.72	44.9
V389542	<1	32.3	2	14.5	2.92	122
V389543	1	35.3	2	5.4	3.31	67.0
V389544	1	33.8	2	7.3	3.97	75.4
V389545	<1	25.7	2	6.8	2.48	43.4
V389546	<1	18.7	1	4.9	1.83	28.4
V389547	<1	20.4	7	6.0	1.79	70.4
V389548	<1	34.3	7	8.6	2.97	45.0
V389549	1	25.3	2	9.0	1.97	37.8
V389550	9	4.5	16	1.7	0.49	8.0
V389551	1	26.0	1	7.7	2.45	63.0
V389552	1	19.7	2	8.1	2.01	33.6
V389553	1	16.7	1	7.6	1.40	21.3
V389554	<1	30.9	8	9.6	2.80	36.8
V389555	1	31.6	11	8.5	3.39	56.6
V389556	1	17.2	8	4.5	1.71	16.9
V389557	<1	30.7	2	4.3	2.68	26.6
V389558	2	38.8	<1	5.1	3.12	58.8
V389559	2	113	1	7.7	9.90	161
V389560	1	26.2	1	8.1	2.31	44.2
V389561	1	23.8	47	9.0	1.83	37.7
V389562	<1	19.2	1	9.5	1.32	27.8
V389563	<1	43.2	1	5.6	3.53	33.7
V389564	1	34.4	2	7.5	2.64	42.2
*Std MP-2a	7	25.9	511	9.7	4.80	58.9
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	0.1
*Rep V389255	<1	59.7	3	10.5	4.93	208
*Rep V389258	<1	78.2	3	13.5	7.29	377
*Std OREAS 927	1	5.3	23	1.1	0.72	13.2

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 623	27	4.4	10	0.7	0.57	6.9
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	<0.1
*Std OREAS 623	27	4.7	10	0.6	0.55	6.7
*Std MP-2a	7	29.0	511	9.6	4.87	58.2
*Rep V389503	1	34.1	2	8.3	2.54	37.5
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	<0.1
*Std OREAS 927	2	5.4	24	0.9	0.65	12.6
*Rep V389516	1	64.3	1	12.2	12.86	182
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	<0.1
*Std MP-2a	7	26.9	524	10.6	4.56	61.4
*Std OREAS 927	2	5.2	23	0.9	0.67	12.5
*Rep V389524	3	37.1	2	5.1	5.76	152
*Rep V389529	2	40.2	1	15.0	3.19	73.5
*Std OREAS 623	27	4.7	20	2.1	0.55	7.0
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	<0.1

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389251	<0.5	1.84	6.10	<5	163	9.9
V389252	<0.5	1.22	1.23	<5	97.5	7.1
V389253	<0.5	0.94	9.45	6	77.5	5.6
V389254	<0.5	1.56	6.34	9	142	8.7
V389255	<0.5	1.14	2.64	10	89.6	6.4
V389256	<0.5	1.33	4.25	8	114	7.1
V389257	<0.5	2.07	32.10	11	176	11.0
V389258	<0.5	1.58	10.48	13	137	8.3

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389259	<0.5	1.27	10.66	9	110	7.7
V389260	<0.5	2.11	12.59	7	181	11.1
V389261	0.6	1.32	23.74	9	111	7.7
V389262	<0.5	2.73	28.60	9	262	14.7
V389263	<0.5	5.90	30.12	7	618	28.6
V389264	<0.5	2.18	9.75	<5	211	11.1
V389265	0.5	0.44	20.90	116	27.7	3.0
V389266	<0.5	2.21	18.95	7	219	12.0
V389267	<0.5	3.90	158	8	391	20.3
V389268	<0.5	2.11	40.18	<5	214	10.5
V389269	0.5	2.01	43.60	5	175	11.1
V389270	<0.5	1.46	12.51	6	123	7.9
V389271	0.8	1.20	24.49	6	95.5	7.2
V389272	0.9	0.99	3.22	<5	78.9	5.4
V389273	<0.5	1.68	5.78	12	145	8.7
V389274	<0.5	1.53	17.65	12	132	7.7
V389275	<0.5	1.87	6.47	7	168	9.3
V389276	<0.5	1.91	7.53	6	173	9.7
V389277	<0.5	1.61	8.89	10	138	8.9
V389278	0.6	0.82	1.86	9	64.5	4.6
V389279	0.5	1.29	11.87	20	115	7.2
V389280	0.5	2.72	117	17	260	14.2
V389281	<0.5	1.95	22.22	29	165	10.4
V389282	<0.5	3.37	27.96	32	357	16.9
V389283	<0.5	2.14	36.51	15	195	11.4
V389284	0.6	1.03	13.61	11	84.4	5.6
V389285	<0.5	<0.05	0.53	<5	1.2	<0.1
V389286	0.6	1.53	6.07	9	132	8.2
V389287	0.7	0.87	3.67	8	71.9	4.8

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389288	0.8	0.59	17.22	6	49.5	4.0
V389289	0.6	0.81	10.91	7	65.0	4.9
V389290	0.6	1.54	13.69	17	126	8.7
V389291	0.7	1.19	6.02	10	108	6.3
V389462	<0.5	0.38	5.80	5	33.7	2.8
V389463	0.8	0.51	7.03	7	46.4	3.5
V389464	0.7	0.89	5.72	22	65.1	6.5
V389465	1.0	0.74	8.66	16	54.7	5.5
V389466	0.9	0.76	2.49	11	66.2	4.9
V389467	1.5	0.81	3.15	14	65.3	5.7
V389468	0.6	1.31	3.77	11	110	8.8
V389469	0.7	1.73	4.81	14	124	10.8
V389470	0.5	0.48	20.15	130	29.2	3.1
V389471	0.8	1.92	5.23	19	131	12.4
V389472	0.7	1.10	6.93	12	83.1	6.8
V389473	0.6	0.70	4.01	12	60.0	4.0
V389474	0.5	0.92	3.73	11	77.0	5.2
V389475	0.6	0.82	3.68	10	71.0	4.5
V389476	0.6	0.79	3.67	11	67.6	4.5
V389477	<0.5	2.14	3.71	5	176	13.2
V389478	0.7	2.04	4.15	11	161	12.4
V389479	<0.5	<0.05	0.65	<5	0.9	<0.1
V389480	0.6	1.71	4.79	13	140	9.7
V389481	0.5	1.15	4.34	9	86.4	7.1
V389482	<0.5	3.17	5.75	12	219	19.3
V389483	0.7	1.00	4.55	15	68.3	5.9
V389484	<0.5	0.40	3.82	7	28.9	2.6
V389485	0.7	2.73	7.88	15	198	17.0
V389486	<0.5	2.85	6.86	19	202	18.0

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389487	0.5	0.57	0.93	9	48.3	3.4
V389488	0.5	0.55	1.59	11	46.1	3.3
V389489	<0.5	2.01	4.34	16	145	12.2
V389490	<0.5	0.27	48.11	107	14.9	1.9
V389491	<0.5	3.69	16.74	16	255	22.7
V389492	0.8	2.65	4.79	17	184	15.4
V389493	1.7	0.57	2.40	15	47.7	3.5
V389494	1.1	2.03	6.23	28	135	13.1
V389495	1.0	1.23	4.25	23	87.9	7.5
V389496	0.9	0.62	3.46	16	52.8	3.6
V389497	0.7	2.28	8.97	11	186	11.8
V389498	1.2	0.57	3.15	14	49.7	3.1
V389499	1.2	0.58	3.40	26	44.9	2.9
V389500	0.7	2.35	5.31	20	176	13.9
V389501	0.7	1.42	3.50	14	119	7.4
V389502	0.8	0.83	1.58	13	62.6	5.0
V389503	0.8	0.56	5.24	44	48.5	3.3
V389504	0.9	0.54	1.92	8	46.7	3.1
V389505	<0.5	2.78	5.47	13	197	17.0
V389506	<0.5	1.76	4.06	14	123	11.2
V389507	<0.5	0.68	2.82	11	54.0	3.2
V389508	<0.5	1.78	4.00	16	124	10.8
V389509	<0.5	1.25	2.64	8	95.0	7.9
V389510	0.6	1.58	2.99	24	116	9.0
V389511	0.7	1.68	4.85	18	127	10.8
V389512	0.6	1.50	4.85	14	109	9.0
V389513	0.5	2.13	6.21	21	171	13.3
V389514	1.7	0.70	4.07	14	52.9	4.7
V389515	<0.5	1.73	5.56	22	138	10.9

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389516	<0.5	6.74	22.18	16	537	42.3
V389517	<0.5	2.37	11.34	16	166	15.7
V389518	<0.5	0.75	7.07	17	55.6	5.3
V389519	<0.5	0.45	2.89	18	36.8	3.1
V389520	0.6	0.47	20.38	123	28.0	3.3
V389521	<0.5	1.62	7.90	10	108	11.0
V389522	<0.5	2.74	7.50	17	192	17.7
V389523	<0.5	3.86	6.32	21	299	23.2
V389524	<0.5	3.09	8.52	50	202	20.5
V389525	0.7	0.94	2.26	23	72.1	6.5
V389526	0.7	0.94	2.30	20	72.3	6.5
V389527	<0.5	1.41	4.85	21	96.7	9.6
V389528	2.3	0.42	4.40	17	33.1	3.1
V389529	1.0	0.87	19.43	29	71.3	5.8
V389530	0.5	0.44	6.81	7	34.6	3.0
V389531	0.8	1.34	11.41	29	91.4	9.2
V389532	1.2	0.79	1.82	20	59.4	5.6
V389533	0.9	0.53	2.20	15	32.2	3.9
V389534	1.3	0.76	2.93	13	56.1	5.6
V389535	0.7	1.48	9.26	18	103	9.6
V389536	0.7	1.00	3.69	22	82.6	6.2
V389537	0.8	1.03	4.85	17	80.8	7.0
V389538	0.5	1.17	4.94	17	83.9	8.0
V389539	0.7	1.43	5.94	19	94.3	9.6
V389540	<0.5	<0.05	0.30	<5	0.8	0.4
V389541	0.8	0.52	5.97	17	39.1	3.7
V389542	0.6	0.96	15.44	18	70.1	5.8
V389543	0.6	1.37	5.31	22	95.9	8.5
V389544	0.8	2.04	11.69	22	137	13.9

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389545	1.3	0.93	6.03	20	67.3	6.2
V389546	1.2	0.61	3.96	9	47.9	4.2
V389547	1.1	0.57	3.58	10	43.6	3.9
V389548	1.0	0.95	6.50	12	77.9	6.2
V389549	0.9	0.69	7.83	11	49.3	4.4
V389550	<0.5	0.25	49.96	112	15.4	2.1
V389551	1.2	1.26	7.54	24	82.4	8.4
V389552	1.1	1.00	8.79	9	63.0	7.0
V389553	0.9	0.44	4.97	12	30.3	3.1
V389554	0.7	0.98	9.64	13	75.8	6.5
V389555	0.7	1.43	12.38	10	99.1	9.6
V389556	0.5	0.60	3.26	7	45.6	4.0
V389557	0.6	0.89	3.95	8	65.9	5.8
V389558	0.7	1.45	6.63	11	96.9	11.1
V389559	0.5	4.35	13.76	9	343	28.7
V389560	0.9	0.75	6.05	10	59.9	5.2
V389561	1.2	0.50	5.66	10	38.6	3.6
V389562	0.9	0.26	5.20	7	24.2	1.7
V389563	0.7	1.05	5.54	8	89.7	6.0
V389564	0.7	0.74	3.83	8	58.8	4.2
*Std MP-2a	3.5	3.77	34.12	3399	243	28.8
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	0.2
*Rep V389255	<0.5	1.09	2.57	9	86.4	6.1
*Rep V389258	<0.5	1.60	10.44	10	141	8.6
*Std OREAS 927	0.7	0.33	2.68	10	22.3	2.4
*Std OREAS 623	0.8	0.24	2.63	5	16.5	1.6
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	<0.1
*Std OREAS 623	0.7	0.25	2.54	<5	16.6	1.6
*Std MP-2a	3.6	3.98	33.39	3536	216	28.4

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps (1-144)
 Number of Samples 144

ANALYSIS REPORT BBM21-08318

Element	TI	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389503	0.8	0.55	4.74	42	48.2	3.2
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	<0.1
*Std OREAS 927	0.6	0.31	2.50	7	21.0	2.2
*Rep V389516	<0.5	6.64	22.89	16	546	42.2
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	0.2
*Std MP-2a	3.6	3.82	34.78	3342	218	28.8
*Std OREAS 927	0.6	0.31	2.47	7	21.7	2.4
*Rep V389524	<0.5	3.12	8.63	52	208	20.6
*Rep V389529	1.0	0.87	20.52	26	70.8	5.8
*Std OREAS 623	0.7	0.24	2.83	<5	16.3	2.0
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	<0.1

Element	Ca	Fe
Method	GO_ICP95A50	GO_ICP90Q100
Lower Limit	0.007	0.05
Upper Limit	43	50
Unit	%	%
V389263	29.568	-
V389490	-	26.87
V389550	-	26.01
*Blk BLANK	-	<0.05
*Std MP-1b	-	7.86
*Rep V389490	-	26.48
*Std OREAS 524	-	28.77
*Blk BLANK	-	<0.05
*Rep V389263	29.747	-
*Blk BLANK	<0.007	-
*Blk BLANK	<0.007	-
*Std NIST8607	26.012	-

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



Order Number PO#
Submission Number *BBY*VR Resources/H-K, HK20-002,
REE Batch/238 Pulps (1-144)
Number of Samples 144

ANALYSIS REPORT BBM21-08318

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



ANALYSIS REPORT BBM21-08361

To COD SGS MINERALS - GEOCHEM VANCOUVER
VR RESOURCES – JUSTIN DALEY
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	PO#	Date Received	29-Mar-2021
Submission Number	*BBY*VR Resources/H-K, HK20-002,	Date Analysed	10-May-2021 - 24-May-2021
REE Batch/238 Pulps(145-238)		Date Completed	24-May-2021
Number of Samples	94	SGS Order Number	BBM21-08361

Methods Summary

Number of Sample	Method Code	Description
94	GE_FUZ90A50	Fusion, 550°C, HNO3, 0.1g-50ml, Zr crucibles
94	GE_ICP90A50	Na2O2 Fusion, ICPAES, 0.1g-50ml
94	GE_IMS90A50	Na2O2 Fusion, HNO3, ICP-MS, 0.1g-50ml
3	GO_FUS95A50	LiBO2 Fusion, minors/majors
3	GO_ICP95A50	LiBO2 Fusion, minors/majors, ICPAES, 0.1g-50ml
2	GO_FUZ90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml
2	GO_ICP90Q100	Ore grade Na2O2 Fusion, HNO3, ICPAES, 0.2g-100ml

Authorised Signatory

John Chiang
Laboratory Operations
Manager

This document is issued by the Company under its General Conditions of Service accessible at <https://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389565	0.04	278	<5	20.2	<10	17
V389566	3.85	4774	13	17.4	367	73
V389567	1.87	3816	9	22.1	197	51
V389568	1.06	1274	6	>25.0	48	33
V389569	3.09	3491	7	19.6	134	62
V389570	4.02	3235	8	15.2	193	74
V389571	4.68	2358	7	11.6	291	86
V389572	4.05	3654	7	14.1	352	85
V389573	4.22	2664	8	13.9	226	79
V389574	2.72	2977	10	16.1	810	63
V389575	4.75	2279	12	10.1	614	86
V389576	4.68	2272	13	9.9	618	84
V389577	5.93	1830	9	8.1	215	87
V389578	4.89	2193	9	11.7	259	83
V389579	4.13	3071	7	13.5	336	65
V389580	4.94	3258	8	15.3	170	58
V389581	3.30	4018	7	12.9	427	58
V389582	1.27	2755	6	24.7	219	66
V389583	3.91	3838	10	10.9	669	86
V389584	4.01	3069	7	12.3	526	65
V389585	5.02	12845	<5	2.1	54	3201
V389586	3.87	3569	6	13.0	655	69
V389587	3.74	3814	5	13.9	211	94
V389588	4.86	4553	10	10.8	271	86
V389589	5.23	3744	11	9.2	370	60
V389590	5.27	3758	10	9.8	260	79
V389591	4.71	3516	10	10.9	400	77
V389592	5.85	2678	10	9.4	199	79
V389593	5.39	3203	10	9.9	171	61

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389594	4.72	3109	10	14.4	142	60
V389595	6.13	2643	12	10.6	97	77
V389596	6.75	3259	13	8.3	149	49
V389597	5.89	2638	12	9.5	189	62
V389598	5.11	4750	8	7.6	340	77
V389599	6.00	2922	10	9.5	129	48
V389600	5.56	3181	9	9.1	313	80
V389601	5.99	1753	10	9.6	181	85
V389602	4.67	4250	9	8.6	329	75
V389603	3.38	3454	7	17.5	138	79
V389604	5.35	2480	10	9.5	266	93
V389605	5.68	2572	6	11.4	251	100
V389606	5.93	1544	8	10.0	195	98
V389607	4.13	3615	8	11.0	386	102
V389608	5.04	4361	8	8.3	412	90
V389609	5.07	5209	8	8.0	336	89
V389610	3.16	40655	<5	3.3	35	14395
V389611	3.50	2995	10	12.0	698	61
V389612	4.79	1439	11	11.7	156	91
V389613	5.28	1076	11	10.0	187	82
V389614	4.68	1321	11	13.2	212	87
V389615	5.50	1193	12	11.3	242	114
V389616	6.12	1366	11	10.5	154	100
V389617	6.17	1368	10	10.6	309	55
V389618	4.43	1478	10	11.6	359	69
V389619	5.59	988	10	10.5	221	89
V389620	3.09	1567	9	18.8	146	78
V389621	0.12	1525	<5	>25.0	<10	40
V389622	3.23	1237	10	18.7	361	63

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389743	4.07	4551	7	14.5	209	74
V389744	3.71	8505	<5	17.9	92	62
V389745	0.33	13001	<5	>25.0	<10	61
V389746	7.41	3452	5	7.4	44	98
V389747	5.57	3557	7	12.5	89	53
V389748	6.97	2581	5	7.4	105	16
V389749	8.85	2515	<5	3.0	<10	<10
V389750	3.24	42731	<5	3.4	36	14708
V389751	8.82	7920	<5	1.1	<10	<10
V389752	8.75	4137	<5	2.4	18	<10
V389753	9.30	757	5	1.3	<10	21
V389754	5.61	2418	10	8.9	107	48
V389755	3.70	3398	9	13.5	84	180
V389756	4.93	4045	11	15.4	82	153
V389757	4.63	5138	9	15.6	157	70
V389758	4.55	5075	11	15.8	89	106
V389759	3.56	3460	11	14.6	165	74
V389760	2.96	1998	8	12.7	82	40
V389761	4.97	5465	12	10.6	201	81
V389762	5.63	5942	11	11.3	123	76
V389763	5.68	4166	9	10.3	105	71
V389764	5.57	3794	11	10.3	117	131
V389765	0.05	832	<5	20.2	<10	16
V389766	4.69	2779	11	11.7	159	127
V389767	4.11	4857	13	14.9	144	69
V389768	6.17	5165	9	10.0	65	48
V389769	5.03	4594	10	12.3	224	74
V389770	4.01	4109	10	13.1	208	74
V389771	4.13	4061	9	16.0	98	93

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Al	Ba	Be	Ca	Cr	Cu
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	10	5	0.1	10	10
Upper Limit	25	50,000	25,000	25	50,000	50,000
Unit	%	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m
V389772	4.71	4495	14	12.1	267	53
V389773	6.06	5135	11	10.2	64	38
V389774	3.93	3687	10	16.2	70	72
V389775	4.85	6303	10	12.6	66	63
V389776	4.80	6071	10	13.1	64	59
V389777	7.25	3060	9	7.3	54	49
V389778	4.55	12955	9	12.9	58	62
*Rep V389570	3.92	3140	9	14.6	188	73
*Std MP-2a	5.85	<10	<5	3.2	158	445
*Std OREAS 623	4.97	1310	<5	1.4	33	16171
*Rep V389590	5.37	3907	9	10.0	265	80
*Std OREAS 927	6.21	296	<5	0.4	76	10267
*Bik BLANK	<0.01	<10	<5	<0.1	<10	<10
*Std OREAS 623	NR	NR	NR	NR	NR	NR
*Std OREAS 927	NR	NR	NR	NR	NR	NR
*Bik BLANK	0.01	<10	<5	<0.1	<10	<10
*Rep V389746	7.47	3506	5	7.5	50	101
*Rep V389755	3.78	3371	9	13.6	81	182
*Std OREAS 927	6.46	309	<5	0.4	74	10644
*Std MP-2a	5.91	<10	<5	3.2	147	456

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389565	0.11	<0.1	12	12.08	381	<0.01
V389566	7.31	3.8	104	4.37	2714	0.88
V389567	5.77	2.4	79	5.39	3577	1.43

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389568	4.38	1.5	<10	3.35	2587	2.08
V389569	6.68	3.9	71	4.35	3934	1.52
V389570	7.48	4.4	109	5.61	3167	0.74
V389571	8.55	4.1	90	6.62	2317	0.62
V389572	7.43	3.8	47	7.14	3342	0.88
V389573	7.72	3.3	113	5.27	4021	0.54
V389574	7.14	3.4	39	7.52	2887	0.69
V389575	8.04	3.5	89	6.88	2654	0.36
V389576	7.99	3.5	88	6.80	2608	0.38
V389577	8.34	4.0	114	4.95	3199	0.30
V389578	7.89	4.2	89	5.01	3134	0.49
V389579	8.53	4.1	53	5.50	2791	0.76
V389580	5.97	3.8	105	3.98	3151	0.54
V389581	8.80	4.4	79	5.83	3719	0.92
V389582	7.68	1.8	30	2.96	2973	4.44
V389583	9.79	4.9	96	7.22	3393	0.86
V389584	8.54	4.3	68	6.57	2992	0.59
V389585	17.77	5.6	12	0.78	5584	0.08
V389586	7.53	4.6	49	6.85	2957	0.70
V389587	9.37	4.6	57	5.61	3688	1.84
V389588	9.41	4.5	99	5.50	3627	1.24
V389589	9.31	4.4	117	5.99	3930	0.90
V389590	9.46	3.7	72	5.43	3235	0.96
V389591	10.01	3.8	76	5.55	4236	1.09
V389592	9.05	3.3	72	5.15	3375	0.67
V389593	8.52	4.1	89	5.55	3639	1.12
V389594	7.14	3.5	80	4.32	3270	0.98
V389595	8.59	3.0	90	4.18	3716	1.06
V389596	8.99	3.5	58	5.03	4446	0.66

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389597	8.71	3.0	55	4.71	4188	0.82
V389598	10.77	4.9	103	6.44	4109	0.67
V389599	7.70	3.2	39	3.78	4412	0.50
V389600	10.47	3.2	56	5.42	4083	0.78
V389601	9.39	2.8	68	5.10	3211	0.51
V389602	11.84	4.5	76	6.57	4379	1.03
V389603	8.00	2.9	51	4.53	3397	1.40
V389604	9.57	2.9	64	5.41	3247	0.60
V389605	8.61	2.3	47	4.69	2263	0.46
V389606	9.02	2.1	72	4.76	3077	0.41
V389607	10.76	3.6	65	5.65	4514	1.55
V389608	10.38	4.1	74	6.21	4215	0.62
V389609	10.66	4.5	102	6.46	4207	0.70
V389610	>25.00	3.4	<10	0.35	3098	0.07
V389611	11.93	2.6	58	5.02	5339	1.04
V389612	8.62	1.9	76	4.39	3127	1.35
V389613	9.78	2.0	69	4.91	3673	0.67
V389614	9.87	1.9	56	4.78	4891	1.42
V389615	9.24	1.8	67	4.14	3996	0.91
V389616	8.74	1.7	55	4.18	4048	0.43
V389617	9.43	2.0	71	4.78	4068	0.57
V389618	11.70	2.1	65	5.03	5126	1.19
V389619	8.76	2.2	77	5.02	3289	0.59
V389620	7.83	2.1	58	4.39	3386	2.55
V389621	2.45	0.2	<10	0.45	1661	5.87
V389622	8.41	1.8	50	3.56	4217	3.44
V389743	8.25	4.5	42	5.44	4988	1.00
V389744	6.94	3.4	60	3.68	6254	0.87
V389745	5.61	0.3	<10	2.17	13446	0.03

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389746	9.10	4.1	73	3.52	1638	0.63
V389747	8.03	4.3	52	4.13	3264	0.70
V389748	6.40	4.7	59	2.84	2405	0.68
V389749	6.63	6.6	47	1.65	791	0.62
V389750	>25.00	3.6	<10	0.36	3101	0.08
V389751	4.23	6.9	23	0.93	336	0.06
V389752	4.15	7.4	16	1.28	860	0.07
V389753	3.99	6.9	24	0.98	400	0.07
V389754	6.59	3.3	239	4.60	3499	0.55
V389755	7.13	2.3	329	4.34	5926	0.66
V389756	5.48	3.0	365	2.89	4409	0.66
V389757	6.73	3.7	385	3.89	4095	0.83
V389758	6.94	3.7	284	3.54	5023	0.70
V389759	6.35	3.6	246	5.22	4644	0.95
V389760	6.28	1.1	24	4.30	5123	0.48
V389761	7.28	3.1	168	5.32	3559	0.78
V389762	8.32	3.9	169	3.89	3044	0.72
V389763	7.42	4.1	285	3.78	4002	0.61
V389764	7.05	3.6	271	3.88	4005	0.70
V389765	0.12	<0.1	27	12.56	409	<0.01
V389766	6.50	3.1	226	4.54	4646	0.64
V389767	7.13	3.4	238	4.35	4579	0.59
V389768	7.71	4.1	144	3.18	3775	0.58
V389769	7.23	4.2	196	4.30	3047	0.69
V389770	7.54	3.4	130	4.74	3667	0.67
V389771	6.68	3.2	222	3.31	3524	0.96
V389772	8.16	4.6	294	5.16	4621	0.60
V389773	10.15	4.6	160	4.06	3945	0.77
V389774	7.28	3.4	61	4.55	4070	1.18

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Fe	K	Li	Mg	Mn	P
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	0.01	0.1	10	0.01	10	0.01
Upper Limit	25	25	50,000	25	100,000	25
Unit	%	%	ppm m / m	%	ppm m / m	%
V389775	7.32	4.7	66	3.67	3703	0.86
V389776	7.18	4.4	60	3.62	3667	0.88
V389777	9.14	5.1	117	3.27	2144	0.63
V389778	7.67	4.1	62	3.50	9191	0.41
*Rep V389570	7.37	4.3	108	5.47	3118	0.72
*Std MP-2a	5.14	1.3	100	0.09	1050	0.01
*Std OREAS 623	13.77	1.5	17	1.21	596	0.05
*Rep V389590	9.56	3.8	73	5.88	3268	0.98
*Std OREAS 927	8.58	1.8	36	2.17	1144	0.06
*Blk BLANK	<0.01	<0.1	<10	<0.01	<10	<0.01
*Std OREAS 623	NR	NR	NR	NR	NR	NR
*Std OREAS 927	NR	NR	NR	NR	NR	NR
*Blk BLANK	0.02	<0.1	<10	<0.01	<10	<0.01
*Rep V389746	9.11	4.1	72	3.57	1641	0.61
*Rep V389755	7.25	2.4	337	4.35	6056	0.65
*Std OREAS 927	8.70	2.0	37	2.22	1162	0.06
*Std MP-2a	5.19	1.3	96	0.10	1060	0.01

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389565	<5	8.7	138	<0.01	<10	24
V389566	15	11.2	>5000	1.03	317	169
V389567	9	8.1	4741	0.59	331	138
V389568	<5	5.2	4658	0.45	140	109
V389569	11	10.2	3130	0.86	381	184
V389570	13	13.4	3607	0.99	274	175

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389571	17	15.6	2158	1.10	280	136
V389572	16	14.1	2609	1.00	266	224
V389573	16	13.1	3153	0.90	292	241
V389574	17	10.9	3529	1.32	285	135
V389575	19	16.5	1776	1.05	317	115
V389576	19	16.4	1774	1.03	314	116
V389577	20	19.4	1037	0.94	278	168
V389578	18	16.0	3033	0.99	231	167
V389579	14	13.0	3512	1.53	294	222
V389580	9	13.3	>5000	1.06	232	217
V389581	16	12.0	4394	1.58	269	360
V389582	<5	7.2	>5000	0.86	213	261
V389583	18	14.2	>5000	1.45	230	351
V389584	18	13.9	>5000	1.49	263	246
V389585	13	19.8	123	0.51	77	29
V389586	18	13.3	4908	1.31	240	186
V389587	7	11.8	>5000	0.99	141	336
V389588	12	14.6	3656	1.07	216	314
V389589	17	15.5	3331	1.25	268	359
V389590	18	16.3	3003	1.14	213	308
V389591	16	15.5	4710	1.26	236	393
V389592	16	17.6	3021	1.14	216	303
V389593	15	15.8	3679	1.02	192	317
V389594	8	12.8	>5000	0.83	147	311
V389595	8	16.0	4195	0.79	183	240
V389596	10	17.0	3638	1.01	191	324
V389597	15	16.5	3376	1.17	233	316
V389598	15	16.0	2866	1.36	238	429
V389599	13	19.8	2655	0.72	317	238

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389600	19	16.5	2826	1.42	283	430
V389601	18	17.6	2120	1.49	324	247
V389602	18	14.5	3397	1.56	259	448
V389603	11	11.6	>5000	0.83	159	275
V389604	20	17.3	3340	1.11	238	255
V389605	20	17.8	>5000	1.05	239	151
V389606	19	18.2	2863	1.00	229	193
V389607	18	14.5	4371	1.50	259	419
V389608	21	15.7	2924	1.86	222	440
V389609	18	16.1	3227	1.64	221	447
V389610	6	14.0	453	0.30	55	30
V389611	19	14.1	>5000	1.73	326	568
V389612	17	15.3	2976	0.78	202	238
V389613	19	15.8	2078	0.92	237	300
V389614	18	15.0	3659	0.89	243	355
V389615	19	16.2	3389	1.00	240	246
V389616	18	17.5	2977	0.95	219	237
V389617	18	16.6	2893	1.13	216	336
V389618	18	13.9	3325	1.90	315	479
V389619	20	16.8	2351	0.89	238	215
V389620	12	10.5	>5000	0.59	173	226
V389621	<5	1.3	>5000	0.19	49	74
V389622	15	12.7	>5000	1.06	267	379
V389743	14	11.3	3341	1.49	409	192
V389744	12	9.4	>5000	1.21	294	219
V389745	<5	1.6	>5000	0.15	39	450
V389746	14	16.3	2511	1.90	238	98
V389747	13	13.1	2306	1.52	296	109
V389748	8	17.6	1519	0.92	157	82

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389749	6	21.8	426	0.79	63	17
V389750	6	13.2	449	0.31	51	29
V389751	<5	24.2	210	0.14	<10	12
V389752	<5	23.9	191	0.14	<10	<10
V389753	<5	24.4	168	0.14	<10	<10
V389754	10	14.0	835	1.00	185	71
V389755	8	11.3	1501	1.04	284	87
V389756	7	12.3	>5000	1.10	246	102
V389757	11	11.0	>5000	1.35	275	128
V389758	10	10.3	4303	1.41	343	197
V389759	11	10.9	2789	1.09	309	111
V389760	7	12.3	1415	0.84	172	12
V389761	12	12.2	1049	1.38	274	61
V389762	12	13.0	2521	1.57	301	94
V389763	12	14.3	3402	1.51	265	140
V389764	11	13.9	1790	1.47	298	122
V389765	<5	8.6	183	0.01	<10	19
V389766	13	13.0	2891	1.50	286	98
V389767	11	12.0	>5000	1.23	268	187
V389768	13	15.3	4177	1.61	283	156
V389769	15	13.0	4004	1.62	373	152
V389770	12	12.1	3407	1.64	273	104
V389771	10	10.3	4559	1.27	272	238
V389772	14	12.7	>5000	1.37	347	193
V389773	14	14.5	4014	1.84	413	203
V389774	25	9.7	3295	2.01	493	187
V389775	15	13.4	2395	1.67	587	118
V389776	14	13.0	2448	1.68	569	112
V389777	13	15.8	2123	1.76	255	94

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sc	Si	Sr	Ti	V	Zn
Method	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50	GE_ICP90A50
Lower Limit	5	0.1	10	0.01	10	10
Upper Limit	50,000	30	5,000	25	50,000	50,000
Unit	ppm m / m	%	ppm m / m	%	ppm m / m	ppm m / m
V389778	10	12.2	3708	1.22	272	126
*Rep V389570	13	13.2	3477	0.98	269	169
*Std MP-2a	<5	>30.0	18	0.03	<10	5789
*Std OREAS 623	7	22.8	91	0.15	<10	10053
*Rep V389590	18	16.6	3061	1.16	211	323
*Std OREAS 927	10	28.9	31	0.33	70	735
*Blk BLANK	<5	<0.1	<10	<0.01	<10	<10
*Std OREAS 623	NR	NR	NR	NR	NR	NR
*Std OREAS 927	NR	NR	NR	NR	NR	NR
*Blk BLANK	<5	<0.1	<10	0.01	<10	<10
*Rep V389746	14	16.4	2531	1.93	236	101
*Rep V389755	8	11.4	1535	1.06	281	88
*Std OREAS 927	10	27.7	34	0.34	65	707
*Std MP-2a	<5	>30.0	18	0.03	<10	5711

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	<1	<3	0.5	0.2	3.6	0.6
V389566	<1	28	0.7	0.7	823	39.1
V389567	1	16	0.2	0.5	787	29.4
V389568	2	8	<0.1	0.4	833	17.2
V389569	<1	16	0.4	0.5	838	33.0
V389570	<1	19	0.2	0.5	693	43.7
V389571	<1	12	0.1	0.3	325	51.5
V389572	<1	22	0.3	0.5	861	47.9
V389573	<1	14	0.8	0.6	1048	42.4

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389574	<1	17	0.1	0.4	750	48.2
V389575	<1	15	0.2	0.3	469	51.0
V389576	<1	15	0.2	0.3	460	50.6
V389577	<1	16	0.2	0.3	206	43.3
V389578	<1	19	0.3	0.4	438	40.8
V389579	<1	11	0.4	0.6	639	44.7
V389580	<1	8	0.4	0.7	928	30.9
V389581	<1	11	0.4	0.9	1170	47.6
V389582	2	17	0.3	1.0	4193	42.0
V389583	<1	15	0.1	0.6	965	52.5
V389584	<1	15	0.2	0.5	831	46.7
V389585	2	587	12.8	<0.2	209	860
V389586	<1	12	0.5	0.4	826	46.1
V389587	<1	13	0.4	1.2	1550	55.2
V389588	<1	31	0.8	1.2	1577	52.1
V389589	<1	14	0.4	0.9	1383	38.7
V389590	<1	14	0.2	0.6	1065	43.0
V389591	<1	10	0.7	0.8	1244	42.6
V389592	<1	7	0.2	0.6	801	38.1
V389593	<1	17	0.3	0.8	1363	39.0
V389594	<1	9	0.3	1.1	1481	37.8
V389595	<1	11	0.4	1.4	1813	53.7
V389596	<1	6	0.2	0.9	1439	36.2
V389597	<1	9	0.2	0.8	1632	36.1
V389598	<1	8	0.3	1.0	1285	48.7
V389599	<1	6	0.6	0.9	779	36.3
V389600	<1	7	0.5	0.7	899	41.2
V389601	<1	8	0.3	0.8	687	42.9
V389602	<1	10	0.3	0.9	1237	53.6

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389603	<1	7	0.3	0.9	1871	46.9
V389604	<1	7	0.2	0.6	886	46.9
V389605	<1	11	0.2	0.4	496	47.3
V389606	<1	7	0.3	0.6	863	45.5
V389607	<1	14	0.4	0.8	1783	54.2
V389608	<1	6	0.3	0.6	1393	47.8
V389609	<1	7	0.2	0.7	1334	50.4
V389610	2	752	12.7	<0.2	202	1096
V389611	<1	7	0.4	0.9	1586	46.4
V389612	<1	11	2.3	0.8	2653	47.8
V389613	<1	8	0.4	1.3	1709	45.9
V389614	<1	9	0.4	1.3	1667	53.4
V389615	<1	7	0.3	1.1	2161	54.7
V389616	<1	7	0.3	1.1	1695	46.9
V389617	<1	8	0.3	0.8	1123	35.6
V389618	<1	12	0.5	1.0	2668	40.7
V389619	<1	8	0.3	1.0	1614	45.0
V389620	<1	11	0.5	1.1	2522	43.0
V389621	<1	11	0.3	0.6	4472	14.8
V389622	<1	13	0.8	1.2	3661	35.2
V389743	<1	35	0.3	0.6	710	36.4
V389744	<1	16	0.8	1.0	1298	31.1
V389745	<1	4	2.9	2.6	2894	11.5
V389746	<1	11	0.3	<0.2	299	38.6
V389747	<1	20	0.8	<0.2	809	33.5
V389748	<1	17	1.0	<0.2	720	27.2
V389749	<1	<3	0.1	<0.2	247	15.0
V389750	3	780	11.9	<0.2	185	998
V389751	<1	<3	<0.1	<0.2	174	3.2

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389752	<1	<3	<0.1	<0.2	198	2.4
V389753	<1	<3	<0.1	<0.2	170	6.4
V389754	<1	16	0.9	<0.2	1568	29.4
V389755	<1	13	0.6	<0.2	3617	24.7
V389756	<1	13	1.0	<0.2	4609	27.1
V389757	<1	13	0.5	<0.2	3214	33.4
V389758	<1	17	0.5	0.5	2820	35.9
V389759	<1	23	0.7	0.3	3611	38.5
V389760	<1	11	0.7	<0.2	2037	19.3
V389761	<1	28	0.7	<0.2	3789	31.1
V389762	<1	16	0.6	<0.2	2486	35.8
V389763	<1	17	1.5	<0.2	1520	37.5
V389764	<1	16	1.1	<0.2	4360	28.8
V389765	<1	<3	<0.1	<0.2	12.6	0.8
V389766	<1	16	1.1	<0.2	3109	27.1
V389767	<1	25	0.5	0.4	4424	28.9
V389768	<1	21	0.7	0.4	1017	28.6
V389769	<1	24	0.9	0.2	1781	36.9
V389770	<1	17	3.3	0.2	3118	33.6
V389771	<1	17	1.1	0.7	2247	28.5
V389772	<1	22	0.5	0.2	2803	36.5
V389773	<1	30	0.8	<0.2	1009	30.9
V389774	<1	44	0.2	0.8	903	35.1
V389775	<1	37	0.4	<0.2	826	31.1
V389776	<1	37	0.4	<0.2	851	30.0
V389777	<1	11	3.8	<0.2	724	32.7
V389778	<1	15	2.0	<0.2	1493	32.1
*Rep V389570	<1	19	0.2	0.5	675	42.2
*Std MP-2a	5	5586	>1000	13.7	379	5.8

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ag	As	Bi	Cd	Ce	Co
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	3	0.1	0.2	0.1	0.5
Upper Limit	200	10,000	1,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Rep V389590	<1	13	0.3	0.6	1073	42.7
*Std OREAS 927	4	15	53.0	1.1	72.4	29.1
*Blk BLANK	<1	<3	<0.1	<0.2	0.2	<0.5
*Std OREAS 623	22	77	18.2	52.3	54.0	222
*Std OREAS 927	4	22	55.6	1.0	68.8	31.0
*Blk BLANK	<1	5	<0.1	<0.2	<0.1	<0.5
*Rep V389746	<1	11	0.3	<0.2	298	37.8
*Rep V389755	<1	13	0.5	<0.2	3663	25.3
*Std MP-2a	5	5744	>1000	14.0	366	5.7

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	0.4	0.09	<0.05	<0.05	<1	0.14
V389566	4.4	17.21	8.44	9.81	11	27.03
V389567	1.0	20.00	10.48	11.01	6	32.10
V389568	0.9	18.65	7.83	12.75	3	34.60
V389569	1.6	25.99	14.28	12.87	10	36.52
V389570	2.9	15.58	8.06	8.42	12	22.78
V389571	3.7	10.62	5.07	5.41	14	16.01
V389572	3.5	15.39	8.31	9.64	11	26.14
V389573	2.7	19.08	9.81	10.30	12	29.51
V389574	2.1	13.64	6.04	8.58	10	24.19
V389575	2.2	9.28	4.49	5.58	15	15.22
V389576	2.3	8.94	4.46	5.59	15	15.59
V389577	2.7	6.28	3.12	3.29	16	9.95
V389578	2.6	11.24	5.24	6.82	13	18.15

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389579	2.5	13.91	6.00	9.52	12	26.24
V389580	3.1	16.66	7.83	9.88	12	28.72
V389581	5.0	24.80	11.98	12.92	13	38.38
V389582	3.2	80.79	35.19	45.46	5	134
V389583	5.7	17.75	8.14	10.27	13	29.21
V389584	3.9	14.37	6.82	8.05	12	23.10
V389585	0.8	5.15	3.23	2.22	15	5.72
V389586	4.2	13.28	6.17	8.03	12	22.43
V389587	8.0	30.07	13.48	17.30	11	49.66
V389588	7.3	24.29	11.29	14.03	13	39.69
V389589	7.0	19.90	9.13	11.82	15	32.86
V389590	7.5	19.35	8.48	10.84	14	32.39
V389591	7.8	23.09	10.65	12.79	15	36.23
V389592	6.1	14.40	6.46	8.05	15	24.05
V389593	8.2	22.60	10.17	12.98	14	36.92
V389594	6.8	22.37	10.59	13.15	11	36.98
V389595	4.5	24.44	11.16	14.94	14	42.26
V389596	4.7	17.68	7.78	11.27	14	30.36
V389597	4.7	21.63	9.54	13.22	14	37.31
V389598	11.1	16.73	7.54	10.65	14	28.65
V389599	3.7	14.39	6.71	8.69	15	23.97
V389600	7.2	17.75	8.10	10.08	15	30.11
V389601	2.8	11.91	5.69	7.30	15	20.20
V389602	7.2	24.09	11.30	13.34	15	39.54
V389603	5.5	33.50	15.32	18.27	11	55.85
V389604	4.2	15.04	6.83	8.81	15	25.10
V389605	3.5	12.16	5.90	6.04	15	18.40
V389606	3.3	15.51	7.52	8.44	16	24.14
V389607	7.7	33.76	14.89	19.38	14	57.35

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389608	9.1	19.51	8.41	11.99	16	33.81
V389609	9.8	19.43	8.42	11.46	17	33.35
V389610	0.3	2.76	1.87	1.38	14	3.73
V389611	5.9	28.55	12.61	16.06	14	47.43
V389612	3.6	34.45	15.22	21.15	12	60.13
V389613	2.8	22.55	9.81	15.70	13	37.02
V389614	3.3	39.03	16.51	22.92	11	60.68
V389615	2.4	32.00	12.57	21.95	13	51.43
V389616	2.2	18.61	7.48	13.62	14	31.65
V389617	2.5	18.40	8.02	11.93	14	29.24
V389618	3.7	42.89	17.26	27.73	12	69.29
V389619	2.7	19.67	8.11	13.69	14	32.90
V389620	4.0	57.05	24.31	33.76	8	87.35
V389621	0.3	101	43.14	61.23	<1	162
V389622	3.1	83.01	33.94	49.28	9	132
V389743	1.0	18.70	7.98	13.23	13	32.68
V389744	1.7	36.45	14.08	20.28	11	54.12
V389745	0.2	18.23	8.03	14.50	<1	35.73
V389746	3.8	8.93	3.61	5.45	18	14.38
V389747	2.9	12.24	5.03	8.37	14	20.45
V389748	2.2	12.06	5.79	7.12	14	18.86
V389749	1.8	9.61	5.02	3.69	15	11.81
V389750	0.4	2.89	1.83	1.62	14	3.67
V389751	1.9	12.50	7.36	2.35	17	9.86
V389752	1.8	11.29	6.64	2.48	17	10.29
V389753	1.5	13.53	9.02	2.50	18	9.39
V389754	3.4	28.50	15.19	12.63	14	41.13
V389755	4.1	71.63	39.32	26.73	9	90.59
V389756	3.6	86.88	43.81	34.32	10	115

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389757	3.6	68.90	35.43	25.78	11	86.57
V389758	2.9	69.00	40.42	24.60	12	80.73
V389759	2.6	81.23	46.04	28.17	11	97.76
V389760	2.5	34.60	19.43	14.70	8	43.70
V389761	4.0	55.42	27.37	24.08	12	75.30
V389762	3.4	40.60	20.18	17.93	13	54.97
V389763	7.3	28.58	17.87	11.28	14	35.04
V389764	4.4	57.38	25.39	28.97	13	86.01
V389765	0.3	0.26	0.14	0.14	<1	0.32
V389766	4.0	46.92	25.27	21.23	12	64.65
V389767	2.9	56.00	31.08	24.04	10	73.51
V389768	3.6	21.99	9.92	12.74	13	35.07
V389769	3.0	38.77	17.99	15.11	14	45.64
V389770	2.2	41.28	22.19	18.00	11	54.22
V389771	3.0	34.19	17.40	16.60	11	47.11
V389772	4.6	41.12	23.24	17.77	13	53.56
V389773	5.1	27.31	11.24	14.49	14	38.68
V389774	3.0	24.79	12.66	13.51	12	33.47
V389775	2.2	27.09	12.28	15.23	13	39.61
V389776	2.1	28.03	12.75	15.58	12	41.49
V389777	4.3	15.52	7.88	7.76	17	21.38
V389778	2.1	23.10	9.00	18.44	10	46.02
*Rep V389570	2.8	15.49	8.21	7.89	12	22.83
*Std MP-2a	6.4	33.97	24.35	0.08	25	26.22
*Rep V389590	7.3	19.10	8.53	10.98	14	31.94
*Std OREAS 927	5.1	4.48	2.40	0.97	17	5.10
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Std OREAS 623	3.0	3.71	1.85	1.44	23	4.71
*Std OREAS 927	5.5	4.63	2.53	1.01	19	5.38

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Cs	Dy	Er	Eu	Ga	Gd
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.1	0.05	0.05	0.05	1	0.05
Upper Limit	10,000	1,000	1,000	1,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Blk BLANK	<0.1	<0.05	<0.05	<0.05	<1	<0.05
*Rep V389746	3.9	9.02	3.79	5.62	18	14.36
*Rep V389755	4.1	72.59	39.77	27.30	9	90.72
*Std MP-2a	6.0	33.54	23.80	0.11	26	25.44

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	<1	<0.05	<0.2	2.3	<0.05	<2
V389566	<1	3.16	<0.2	469	0.87	85
V389567	<1	3.67	<0.2	416	1.44	12
V389568	<1	3.15	<0.2	382	0.78	9
V389569	<1	5.09	<0.2	405	1.82	25
V389570	<1	3.01	<0.2	410	0.94	97
V389571	<1	1.90	<0.2	154	0.59	62
V389572	<1	2.94	<0.2	462	1.09	207
V389573	<1	3.57	<0.2	587	1.13	41
V389574	<1	2.40	<0.2	401	0.64	22
V389575	<1	1.65	<0.2	254	0.56	18
V389576	<1	1.63	<0.2	252	0.57	17
V389577	<1	1.13	<0.2	108	0.47	27
V389578	<1	1.99	<0.2	274	0.57	52
V389579	<1	2.42	<0.2	347	0.57	18
V389580	<1	3.00	<0.2	528	0.76	25
V389581	<1	4.46	<0.2	623	1.10	39
V389582	<1	14.12	<0.2	2021	1.99	11
V389583	<1	3.16	<0.2	515	0.62	14

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389584	<1	2.58	<0.2	465	0.60	32
V389585	<1	1.09	0.2	282	0.47	83
V389586	<1	2.33	<0.2	478	0.57	8
V389587	<1	5.23	<0.2	784	0.88	28
V389588	<1	4.39	<0.2	793	1.06	38
V389589	<1	3.61	<0.2	725	0.77	28
V389590	<1	3.41	<0.2	537	0.60	15
V389591	<1	4.08	<0.2	614	0.77	18
V389592	<1	2.59	<0.2	396	0.57	22
V389593	<1	3.99	<0.2	697	0.78	33
V389594	<1	4.05	<0.2	764	0.82	22
V389595	<1	4.43	<0.2	889	0.82	21
V389596	<1	3.10	<0.2	708	0.65	10
V389597	<1	3.82	<0.2	812	0.70	11
V389598	<1	2.96	<0.2	663	0.56	20
V389599	<1	2.57	<0.2	395	0.84	21
V389600	<1	3.17	<0.2	455	0.66	12
V389601	<1	2.11	<0.2	378	0.62	9
V389602	<1	4.38	<0.2	630	0.80	8
V389603	<1	6.01	<0.2	943	1.09	10
V389604	<1	2.70	<0.2	463	0.57	7
V389605	<1	2.19	<0.2	289	0.55	12
V389606	<1	2.80	<0.2	484	0.62	9
V389607	<1	6.02	<0.2	910	0.97	14
V389608	<1	3.43	<0.2	731	0.56	11
V389609	<1	3.40	<0.2	697	0.55	12
V389610	<1	0.57	0.3	288	0.31	291
V389611	<1	5.09	<0.2	785	0.97	23
V389612	<1	6.06	<0.2	1287	1.17	23

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389613	<1	3.55	<0.2	864	0.86	25
V389614	<1	6.17	<0.2	855	1.19	14
V389615	<1	4.84	<0.2	1126	0.99	10
V389616	<1	2.81	<0.2	913	0.86	14
V389617	<1	2.97	<0.2	631	0.70	17
V389618	<1	6.62	<0.2	1422	1.24	23
V389619	<1	3.05	<0.2	827	0.85	14
V389620	<1	9.00	<0.2	1279	1.70	38
V389621	<1	16.00	<0.2	2277	2.17	9
V389622	<1	12.84	<0.2	1802	2.09	14
V389743	<1	2.88	<0.2	385	0.90	73
V389744	<1	5.46	<0.2	984	1.33	205
V389745	<1	2.78	<0.2	2860	1.24	37
V389746	<1	1.35	<0.2	163	0.36	23
V389747	<1	1.82	<0.2	604	0.54	174
V389748	<1	1.93	<0.2	463	0.73	70
V389749	<1	1.69	<0.2	114	0.54	5
V389750	1	0.54	0.3	267	0.30	286
V389751	<1	2.33	<0.2	94.6	0.81	<2
V389752	<1	2.09	<0.2	108	0.75	<2
V389753	<1	2.67	<0.2	95.4	1.02	2
V389754	<1	4.92	<0.2	1086	1.54	124
V389755	<1	12.36	<0.2	2422	3.71	232
V389756	<1	14.62	<0.2	3089	3.83	74
V389757	<1	11.70	<0.2	2222	3.25	48
V389758	<1	12.52	<0.2	1791	3.90	272
V389759	<1	14.65	<0.2	2311	4.18	164
V389760	<1	5.97	<0.2	1424	1.99	60
V389761	<1	9.01	<0.2	2651	2.53	197

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Ge	Ho	In	La	Lu	Mo
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.05	0.2	0.1	0.05	2
Upper Limit	1,000	1,000	1,000	10,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389762	<1	6.61	<0.2	1780	1.97	354
V389763	<1	5.27	<0.2	1045	2.03	160
V389764	<1	9.06	<0.2	2943	2.08	138
V389765	<1	<0.05	<0.2	8.6	<0.05	<2
V389766	<1	7.95	<0.2	2094	2.58	89
V389767	<1	9.81	<0.2	3025	3.11	124
V389768	<1	3.44	<0.2	750	1.02	104
V389769	<1	6.33	<0.2	1277	1.83	174
V389770	<1	7.00	<0.2	2391	2.38	117
V389771	<1	5.62	<0.2	1621	1.83	148
V389772	<1	7.23	<0.2	1989	2.57	103
V389773	<1	4.11	<0.2	688	0.97	127
V389774	<1	4.09	<0.2	537	1.93	210
V389775	<1	4.23	<0.2	500	1.34	519
V389776	<1	4.36	<0.2	513	1.38	491
V389777	<1	2.61	<0.2	463	0.78	47
V389778	<1	3.32	<0.2	658	0.83	95
*Rep V389570	<1	2.84	<0.2	400	0.93	88
*Std MP-2a	9	7.38	12.0	149	4.48	1735
*Rep V389590	<1	3.46	<0.2	544	0.63	14
*Std OREAS 927	2	0.84	0.9	34.7	0.34	<2
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2
*Std OREAS 623	1	0.67	1.9	27.6	0.29	9
*Std OREAS 927	2	0.88	1.1	37.1	0.34	<2
*Blk BLANK	<1	<0.05	<0.2	<0.1	<0.05	<2
*Rep V389746	<1	1.40	<0.2	161	0.36	22
*Rep V389755	<1	12.39	<0.2	2431	3.65	242
*Std MP-2a	9	6.46	11.0	151	4.24	1687

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	<2	1.1	5	60	0.33	<2
V389566	295	284	146	163	77.70	133
V389567	728	289	126	55	77.42	51
V389568	700	343	30	11	88.22	36
V389569	580	322	114	27	86.60	88
V389570	419	225	209	44	64.73	116
V389571	293	127	328	20	34.02	120
V389572	216	291	276	63	82.69	90
V389573	376	318	175	44	96.12	105
V389574	379	251	264	25	73.44	102
V389575	240	157	268	19	45.02	99
V389576	232	151	258	18	44.26	97
V389577	151	79.8	170	20	21.91	103
V389578	268	165	155	31	46.70	113
V389579	509	231	144	50	63.15	112
V389580	404	279	103	51	84.68	108
V389581	633	363	169	68	109	192
V389582	1246	1376	157	27	431	104
V389583	516	289	317	25	89.03	226
V389584	199	236	246	37	74.35	168
V389585	15	40.9	49	10	14.32	155
V389586	182	233	212	58	72.60	183
V389587	646	493	126	43	148	272
V389588	1019	450	162	54	143	249
V389589	736	384	146	32	124	235
V389590	321	327	184	26	99.49	196
V389591	512	386	150	110	118	233
V389592	384	245	127	17	75.52	179
V389593	421	400	133	31	125	244

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389594	515	424	82	35	135	209
V389595	805	515	86	31	165	144
V389596	792	399	88	26	130	186
V389597	684	455	102	20	147	153
V389598	527	361	195	23	115	340
V389599	467	244	62	30	73.12	133
V389600	439	282	135	50	85.13	195
V389601	378	203	115	23	62.27	104
V389602	536	381	212	32	116	270
V389603	435	567	130	29	175	183
V389604	319	263	169	17	80.59	143
V389605	151	153	169	22	45.31	91
V389606	222	245	167	17	74.74	87
V389607	348	571	242	43	167	225
V389608	478	394	171	31	124	304
V389609	427	383	217	27	119	315
V389610	7	32.3	76	15	12.37	83
V389611	677	492	226	43	149	178
V389612	1370	754	163	64	236	97
V389613	965	509	143	35	163	74
V389614	579	581	163	36	170	81
V389615	577	662	179	26	208	63
V389616	703	469	152	29	154	55
V389617	394	334	169	27	105	73
V389618	886	808	144	36	267	99
V389619	630	456	160	22	150	95
V389620	1266	849	99	46	264	125
V389621	113	1545	31	51	475	8
V389622	1424	1257	108	53	391	83

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389743	627	281	114	23	76.37	95
V389744	405	336	61	41	110	79
V389745	56	452	20	92	191	8
V389746	104	112	44	13	31.06	103
V389747	224	212	50	17	68.71	104
V389748	450	206	58	28	65.30	100
V389749	147	96.7	47	7	26.84	137
V389750	10	30.9	74	14	11.62	85
V389751	221	54.2	8	5	17.42	192
V389752	212	62.5	8	4	19.60	194
V389753	232	55.0	20	6	17.06	183
V389754	391	385	83	23	131	118
V389755	210	859	57	13	314	96
V389756	235	1082	64	16	396	124
V389757	325	769	83	17	280	138
V389758	477	713	60	33	257	131
V389759	313	893	121	23	325	116
V389760	196	453	42	8	162	41
V389761	247	821	109	17	317	110
V389762	387	552	79	17	197	126
V389763	278	360	69	14	125	157
V389764	323	982	74	17	372	143
V389765	7	3.3	9	3	1.13	2
V389766	316	698	68	19	266	110
V389767	362	893	81	47	358	114
V389768	393	243	36	36	82.93	113
V389769	470	402	98	18	142	147
V389770	302	607	82	16	231	113
V389771	456	505	55	64	177	125

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Nb	Nd	Ni	Pb	Pr	Rb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	2	0.1	5	2	0.05	2
Upper Limit	10,000	10,000	50,000	50,000	1,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389772	358	573	130	22	216	188
V389773	466	283	42	21	88.29	142
V389774	417	317	52	30	90.20	128
V389775	679	287	52	28	82.66	102
V389776	641	296	49	28	84.45	96
V389777	154	202	37	20	64.68	125
V389778	332	527	64	68	165	79
*Rep V389570	419	220	213	45	63.48	116
*Std MP-2a	99	129	10	2877	39.42	241
*Rep V389590	322	333	178	26	101	192
*Std OREAS 927	16	31.0	30	203	8.42	119
*Blk BLANK	<2	<0.1	<5	<2	<0.05	<2
*Std OREAS 623	11	24.9	15	3170	6.84	64
*Std OREAS 927	14	31.0	28	195	8.78	122
*Blk BLANK	5	<0.1	<5	<2	<0.05	<2
*Rep V389746	102	114	43	14	31.15	103
*Rep V389755	213	868	57	12	317	96
*Std MP-2a	90	120	13	2887	38.83	252

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	<1	0.2	<1	<0.5	<0.05	0.2
V389566	1	36.6	2	7.9	3.47	40.5
V389567	2	40.0	2	18.2	3.94	45.1
V389568	<1	48.0	2	25.2	4.21	48.7
V389569	<1	45.5	2	11.3	4.80	53.7

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389570	<1	30.7	2	7.4	3.03	36.7
V389571	<1	19.0	2	7.1	2.04	23.4
V389572	1	37.4	2	5.5	3.09	37.7
V389573	<1	40.0	2	4.5	3.71	51.5
V389574	<1	33.3	3	10.4	2.83	35.5
V389575	<1	21.1	2	5.6	1.89	24.8
V389576	<1	20.7	1	5.6	1.91	24.8
V389577	<1	11.9	2	3.2	1.22	13.1
V389578	<1	23.6	2	4.6	2.41	29.5
V389579	<1	34.6	2	9.8	2.99	59.9
V389580	<1	37.6	2	6.2	3.51	47.7
V389581	<1	51.0	3	8.4	4.95	111
V389582	<1	175	2	16.1	16.48	373
V389583	<1	38.9	3	9.3	3.65	106
V389584	<1	30.5	3	6.9	2.83	37.2
V389585	8	6.0	7	0.9	0.89	13.5
V389586	<1	30.0	2	6.7	2.74	27.9
V389587	<1	64.5	1	9.2	5.99	147
V389588	<1	53.8	1	13.1	5.08	225
V389589	<1	46.3	<1	8.0	4.21	123
V389590	<1	41.6	<1	5.8	3.98	71.7
V389591	<1	48.8	<1	6.6	4.68	122
V389592	1	31.6	3	6.4	3.00	54.7
V389593	<1	49.4	2	5.9	4.60	88.5
V389594	<1	51.1	2	5.7	4.69	74.9
V389595	<1	59.7	2	8.0	5.29	117
V389596	<1	44.1	2	9.2	3.77	112
V389597	<1	52.7	3	9.9	4.71	98.4
V389598	<1	42.8	1	4.3	3.60	85.7

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389599	<1	31.9	2	5.2	3.01	69.5
V389600	<1	38.9	3	7.4	3.65	84.7
V389601	<1	26.2	2	5.4	2.46	35.4
V389602	<1	51.0	4	11.9	5.05	125
V389603	<1	72.0	2	5.2	6.90	147
V389604	<1	34.3	2	5.2	3.19	75.1
V389605	<1	21.5	2	6.1	2.33	25.1
V389606	<1	30.8	2	4.7	3.09	43.1
V389607	<1	73.5	3	4.3	6.98	135
V389608	<1	47.0	2	7.4	4.17	107
V389609	<1	46.0	2	4.9	4.07	108
V389610	9	4.2	6	0.6	0.53	8.8
V389611	<1	62.7	4	11.2	5.76	240
V389612	<1	86.1	2	18.8	7.49	466
V389613	<1	54.4	2	12.9	4.29	235
V389614	<1	76.8	2	12.8	6.90	345
V389615	<1	75.0	1	7.2	6.21	217
V389616	<1	48.5	2	7.6	3.56	121
V389617	<1	40.4	3	6.8	3.43	108
V389618	<1	95.3	2	10.5	8.00	313
V389619	<1	49.2	2	5.5	3.70	135
V389620	<1	111	2	22.3	10.22	652
V389621	<1	200	<1	1.1	18.54	535
V389622	<1	166	2	32.8	15.08	833
V389743	<1	42.5	3	10.0	3.59	65.9
V389744	<1	55.5	2	6.3	6.75	136
V389745	<1	44.3	<1	<0.5	3.98	125
V389746	<1	17.1	2	5.6	1.68	16.3
V389747	<1	26.9	1	7.8	2.27	29.0

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389748	1	25.3	2	20.4	2.15	72.8
V389749	<1	13.3	<1	9.3	1.54	11.1
V389750	10	3.8	10	0.6	0.46	8.2
V389751	<1	8.2	3	14.9	1.69	18.0
V389752	<1	9.6	3	14.2	1.68	17.5
V389753	<1	8.6	3	15.6	1.73	18.8
V389754	1	49.5	3	16.5	4.90	83.2
V389755	<1	110	1	5.0	11.89	162
V389756	<1	142	2	5.2	14.96	186
V389757	<1	102	2	6.4	11.41	128
V389758	<1	95.8	2	6.7	11.07	140
V389759	<1	116	<1	5.9	13.23	163
V389760	<1	53.8	<1	4.5	5.74	93.4
V389761	1	97.6	2	6.4	9.90	261
V389762	<1	66.5	2	7.1	7.03	114
V389763	<1	44.2	2	6.4	4.67	96.9
V389764	<1	115	3	6.4	10.85	293
V389765	<1	0.4	<1	<0.5	<0.05	1.0
V389766	<1	81.6	2	6.7	8.30	236
V389767	1	98.9	2	6.2	9.82	169
V389768	1	37.4	2	6.2	4.11	89.5
V389769	1	49.7	2	7.0	6.43	103
V389770	<1	67.8	2	7.0	7.03	88.5
V389771	<1	59.7	2	6.8	6.01	87.5
V389772	<1	65.6	2	5.9	6.83	101
V389773	<1	41.4	2	6.2	4.95	99.3
V389774	2	44.4	4	8.7	4.15	50.3
V389775	2	47.2	3	6.5	4.64	121
V389776	2	48.7	3	6.4	4.79	126

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Sb	Sm	Sn	Ta	Tb	Th
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	1	0.1	1	0.5	0.05	0.1
Upper Limit	10,000	1,000	10,000	10,000	1,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389777	1	27.7	2	6.2	2.58	48.9
V389778	2	65.7	1	4.3	4.67	245
*Rep V389570	<1	29.6	2	7.3	2.93	36.0
*Std MP-2a	7	27.5	517	10.2	5.17	63.7
*Rep V389590	<1	42.2	3	5.9	4.07	72.4
*Std OREAS 927	1	5.3	22	1.0	0.72	13.8
*Blk BLANK	<1	<0.1	<1	<0.5	<0.05	<0.1
*Std OREAS 623	28	4.5	13	0.7	0.59	7.4
*Std OREAS 927	2	5.3	27	0.9	0.70	13.4
*Blk BLANK	<1	<0.1	2	<0.5	<0.05	<0.1
*Rep V389746	<1	17.0	2	5.7	1.59	15.3
*Rep V389755	<1	111	2	4.9	12.05	163
*Std MP-2a	7	26.5	535	10.8	4.61	62.0

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389565	<0.5	<0.05	0.30	<5	0.7	0.4
V389566	0.7	1.17	8.29	13	83.6	6.8
V389567	0.5	1.50	17.59	7	99.4	9.6
V389568	<0.5	0.97	19.15	<5	76.3	5.9
V389569	0.6	2.05	10.66	<5	135	13.0
V389570	0.6	1.15	7.85	7	79.5	6.9
V389571	0.8	0.70	6.10	7	48.2	4.4
V389572	0.9	1.20	7.48	13	75.7	7.6
V389573	0.7	1.41	5.01	15	96.4	8.3
V389574	0.8	0.81	8.36	15	63.0	4.3

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element Method Lower Limit Upper Limit Unit	Tl GE_IMS90A50 0.5 1,000 ppm m / m	Tm GE_IMS90A50 0.05 1,000 ppm m / m	U GE_IMS90A50 0.05 10,000 ppm m / m	W GE_IMS90A50 5 10,000 ppm m / m	Y GE_IMS90A50 0.5 10,000 ppm m / m	Yb GE_IMS90A50 0.1 1,000 ppm m / m
V389575	0.7	0.62	3.84	9	42.6	4.3
V389576	0.7	0.62	3.07	9	41.4	4.2
V389577	0.7	0.41	0.43	<5	28.1	3.2
V389578	0.7	0.71	4.79	9	51.9	3.8
V389579	0.6	0.76	5.82	10	59.1	4.3
V389580	<0.5	1.04	1.88	13	79.6	5.9
V389581	0.6	1.58	14.33	21	114	9.0
V389582	<0.5	4.06	48.76	<5	380	19.5
V389583	0.6	1.05	7.23	6	79.7	5.4
V389584	0.5	0.89	3.81	6	70.6	5.2
V389585	0.6	0.47	21.75	126	26.8	3.3
V389586	0.6	0.83	3.34	6	63.2	4.8
V389587	0.6	1.58	17.23	5	131	8.4
V389588	0.7	1.42	31.11	10	104	7.9
V389589	0.7	1.14	5.25	6	83.1	6.1
V389590	0.5	1.05	3.55	5	81.5	5.3
V389591	0.5	1.24	7.03	<5	97.1	6.8
V389592	<0.5	0.80	3.30	<5	62.2	4.8
V389593	0.6	1.26	3.22	6	96.2	6.7
V389594	<0.5	1.31	1.55	6	98.5	6.9
V389595	<0.5	1.37	2.06	8	105	7.1
V389596	<0.5	1.01	3.66	5	74.4	5.5
V389597	<0.5	1.16	2.83	<5	86.2	6.4
V389598	0.7	0.88	1.76	<5	71.5	5.1
V389599	<0.5	0.92	3.39	7	61.5	6.1
V389600	<0.5	1.01	4.14	<5	74.7	5.7
V389601	<0.5	0.77	1.96	8	55.2	4.8
V389602	0.6	1.38	11.44	5	104	7.2
V389603	<0.5	1.95	7.90	<5	148	9.5

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389604	<0.5	0.85	5.63	<5	65.8	5.0
V389605	<0.5	0.76	3.29	<5	59.1	4.6
V389606	<0.5	1.00	2.22	<5	71.8	5.7
V389607	<0.5	1.78	2.60	<5	147	8.8
V389608	0.5	1.04	3.08	<5	81.0	5.4
V389609	0.6	1.06	2.25	<5	81.4	5.4
V389610	<0.5	0.26	54.76	114	15.6	2.3
V389611	<0.5	1.56	20.09	<5	128	8.3
V389612	<0.5	1.86	33.93	6	145	9.9
V389613	<0.5	1.11	11.51	6	93.6	7.1
V389614	<0.5	1.84	28.91	<5	163	10.3
V389615	<0.5	1.37	9.31	<5	124	8.5
V389616	<0.5	0.86	1.45	<5	70.2	6.4
V389617	<0.5	0.95	5.13	6	79.3	6.2
V389618	<0.5	1.94	6.09	7	172	11.0
V389619	<0.5	0.92	2.37	<5	79.5	6.7
V389620	0.5	2.74	48.33	7	274	14.6
V389621	<0.5	4.47	3.71	<5	490	21.5
V389622	<0.5	3.70	69.03	<5	369	18.5
V389743	0.5	0.99	5.21	10	87.3	7.3
V389744	0.6	1.64	6.03	13	148	10.1
V389745	<0.5	1.11	0.89	<5	81.1	8.7
V389746	1.5	0.44	2.16	16	39.8	3.6
V389747	1.2	0.62	5.25	11	54.8	4.9
V389748	0.5	0.78	16.39	6	59.5	6.1
V389749	<0.5	0.59	3.68	<5	61.4	4.8
V389750	<0.5	0.24	51.42	115	15.9	1.8
V389751	<0.5	0.93	3.55	<5	96.7	5.9
V389752	<0.5	0.80	3.58	<5	86.2	5.8

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
V389753	<0.5	1.16	4.36	<5	98.0	7.8
V389754	0.8	2.05	15.61	16	167	12.8
V389755	0.7	5.26	5.12	21	444	30.3
V389756	0.8	5.54	4.75	26	529	30.8
V389757	0.7	4.43	4.12	38	409	26.2
V389758	0.8	5.41	5.08	46	463	30.5
V389759	1.0	6.08	7.66	43	516	34.3
V389760	<0.5	2.52	4.84	26	188	15.3
V389761	0.7	3.33	5.00	26	321	19.8
V389762	0.6	2.53	4.28	30	213	15.6
V389763	1.3	2.45	4.69	34	142	15.6
V389764	1.0	2.92	4.48	24	308	16.9
V389765	<0.5	<0.05	1.36	<5	1.5	1.4
V389766	1.0	3.24	4.13	22	265	19.1
V389767	1.0	4.12	6.05	25	323	24.2
V389768	1.1	1.22	3.27	45	107	8.3
V389769	2.5	2.24	4.80	28	198	13.6
V389770	1.0	2.91	6.25	29	219	18.2
V389771	1.3	2.26	7.70	29	189	13.8
V389772	1.0	3.11	6.46	20	220	18.9
V389773	0.6	1.33	3.72	31	112	8.5
V389774	0.7	1.74	12.12	31	118	11.3
V389775	1.0	1.56	8.05	31	121	8.6
V389776	0.9	1.57	7.39	31	120	9.1
V389777	1.5	1.03	2.15	33	72.1	5.6
V389778	1.0	1.06	2.38	20	92.5	5.7
*Rep V389570	0.6	1.14	8.04	7	76.5	6.7
*Std MP-2a	4.0	4.19	36.53	3601	244	29.9
*Rep V389590	0.5	1.07	3.23	5	81.3	5.6

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



Order Number PO#
 Submission Number *BBY*VR Resources/H-K, HK20-002,
 REE Batch/238 Pulps(145-238)
 Number of Samples 94

ANALYSIS REPORT BBM21-08361

Element	Tl	Tm	U	W	Y	Yb
Method	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50	GE_IMS90A50
Lower Limit	0.5	0.05	0.05	5	0.5	0.1
Upper Limit	1,000	1,000	10,000	10,000	10,000	1,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
*Std OREAS 927	0.7	0.34	3.16	8	21.2	2.7
*Blk BLANK	<0.5	<0.05	<0.05	<5	<0.5	<0.1
*Std OREAS 623	0.8	0.30	2.77	7	19.1	1.9
*Std OREAS 927	0.7	0.38	2.76	16	25.4	2.4
*Blk BLANK	<0.5	<0.05	<0.05	7	<0.5	<0.1
*Rep V389746	1.5	0.43	2.16	16	39.2	3.7
*Rep V389755	0.7	5.25	4.85	21	444	30.4
*Std MP-2a	3.7	3.79	36.90	3435	235	27.2

Element	Ca	Fe
Method	GO_ICP95A50	GO_ICP90Q100
Lower Limit	0.007	0.05
Upper Limit	43	50
Unit	%	%
V389568	28.621	-
V389610	-	25.92
V389621	34.291	-
V389745	27.145	-
V389750	-	26.28
*Blk BLANK	-	<0.05
*Std MP-1b	-	7.86
*Rep V389750	-	26.54
*Blk BLANK	<0.007	-
*Std NIST8607	26.012	-
*Rep V389568	29.156	-
*Blk BLANK	<0.007	-

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

CERTIFICATE TM21216218

Project: HK

This report is for 93 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 16-AUG-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D137501		2.20	782	164.0	250	2.42	4.81	2.50	2.97	17.4	8.00	3.6	0.87	79.7	0.22	86.5
D137502		1.77	774	203	290	3.41	5.93	2.61	3.48	17.5	9.69	3.2	1.11	101.0	0.28	112.5
D137503		1.03	1200	1585	300	5.07	23.8	10.20	16.30	22.8	41.9	6.5	3.82	888	0.91	943
D137504		2.15	989	2350	300	5.92	33.8	14.30	23.8	28.3	59.3	7.2	5.56	1310	1.17	1250
D137505		1.92	2690	1535	290	9.42	27.5	13.20	17.00	24.5	45.2	6.8	4.74	881	1.13	924
D137506		4.53	8170	2250	280	6.18	43.1	19.80	26.8	25.6	74.2	5.9	7.36	1250	1.49	558
D137507		1.62	1365	168.0	260	1.77	5.17	2.56	2.93	16.6	8.59	2.9	0.92	86.6	0.27	84.0
D137508		1.37	1405	148.0	230	1.47	4.93	2.50	2.77	15.0	7.68	2.9	0.92	74.8	0.31	74.2
D137509		1.97	1545	179.0	230	1.85	6.27	2.95	3.53	15.3	9.49	2.9	1.06	85.9	0.30	95.4
D137510		0.02	1000	5140	590	0.43	53.7	12.50	82.2	59.3	178.0	14.9	6.54	3890	0.59	1565
D137511		1.99	1590	182.0	260	1.86	6.07	2.87	3.43	17.9	9.27	3.6	1.02	89.8	0.35	117.0
D137512		1.60	1700	353	230	2.46	7.82	3.81	4.89	19.1	13.50	5.1	1.35	184.5	0.33	212
D137513		2.97	2890	1855	80	2.05	35.8	16.30	24.4	21.7	61.7	5.3	5.86	965	1.18	1510
D137514		1.81	1755	1780	20	2.86	37.5	16.40	24.2	23.3	64.9	4.7	6.17	897	1.23	1165
D137515		2.17	1820	2170	40	2.75	38.4	16.40	26.8	22.2	67.4	5.9	6.12	1155	1.29	1815
D137516		2.46	2830	896	10	1.80	13.00	6.03	9.37	13.4	21.5	3.1	2.13	484	0.69	600
D137517		2.27	1950	434	10	1.63	9.64	4.89	6.10	11.8	14.60	2.8	1.65	225	0.54	303
D137518		2.14	2000	1250	70	2.34	20.4	8.75	14.05	15.6	29.6	4.7	3.27	714	0.91	749
D137519		2.08	2630	2430	280	2.69	58.3	23.0	36.0	22.1	81.9	7.0	9.18	1215	1.59	2470
D137520		0.63	513	17.5	<10	1.00	0.45	0.18	0.28	0.3	0.53	0.1	0.09	9.6	0.03	18.2
D137521		4.65	1535	5290	80	1.27	112.5	44.5	74.3	26.5	173.0	3.6	17.90	2670	2.62	1050
D137522		2.40	1260	5830	60	1.05	120.0	45.2	80.6	23.7	187.0	1.9	18.90	2990	2.28	1345
D137523		2.03	851	440	170	2.70	13.15	5.78	7.30	12.8	17.10	2.2	2.13	226	0.48	216
D137524		2.54	1395	167.0	250	2.29	6.57	2.93	3.36	15.8	8.23	3.1	1.06	82.7	0.26	87.3
D137525		<0.02	1380	166.0	250	2.31	7.01	3.00	3.49	14.8	7.83	3.2	1.07	81.6	0.27	85.4
D137526		2.62	1405	137.0	230	1.77	5.85	2.71	2.74	14.0	6.61	2.7	0.97	69.8	0.26	77.1
D137527		1.52	1490	147.0	220	1.59	5.42	2.86	2.73	15.4	6.83	5.1	1.01	75.3	0.28	84.4
D137528		1.27	1495	148.0	220	1.44	5.57	2.49	3.05	16.2	6.85	3.1	0.95	75.2	0.27	84.5
D137529		2.33	1580	186.0	250	1.90	6.18	2.49	3.87	16.8	8.56	3.1	1.06	88.9	0.26	87.8
D137530		0.07	9580	77.0	50	0.71	3.64	2.31	1.18	19.3	3.79	3.9	0.76	84.6	0.33	6.6
D137531		2.77	1500	164.0	230	1.71	5.83	2.46	3.20	14.3	7.25	2.7	0.97	80.6	0.26	104.0
D137532		2.02	1765	2160	100	1.35	47.3	18.85	30.4	18.8	68.4	4.4	7.77	1140	1.39	1650
D137533		1.71	1550	2190	140	2.19	48.9	19.20	30.7	18.7	72.0	4.6	7.69	1130	1.38	1870
D137534		2.68	1780	2650	190	2.01	59.2	23.4	37.8	20.3	85.5	7.1	9.41	1335	1.66	>2500
D137535		3.07	5440	573	550	2.93	17.75	8.56	8.61	20.7	19.75	8.6	2.92	247	1.02	1975
D137536		2.75	6830	1350	270	3.42	29.5	11.80	18.90	18.9	40.1	7.4	4.82	702	0.98	>2500
D137537		1.60	>10000	972	500	6.26	14.85	5.48	10.90	19.8	22.6	6.9	2.37	430	0.49	1625
D137538		1.98	>10000	1340	480	5.05	23.5	9.58	16.00	21.4	33.9	7.2	3.65	675	0.82	2280
D137539		2.69	5090	1825	580	3.44	41.3	17.40	25.0	21.7	58.9	6.7	6.97	996	1.31	1340
D137540		0.48	102.5	12.6	10	0.36	0.37	0.14	0.19	0.3	0.46	0.1	0.05	6.7	0.03	15.5



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137501		72.1	18.70	96.0	10.90	1	314	4.1	0.87	5.29	0.23	12.55	211	3	21.6	1.83
D137502		91.4	23.3	104.0	12.85	1	261	4.2	1.09	8.38	0.34	13.10	211	5	26.6	1.97
D137503		527	148.0	61.3	65.9	3	903	17.0	4.72	82.9	1.28	14.70	235	33	97.9	7.88
D137504		782	221	75.2	96.6	3	1245	23.6	6.61	113.0	1.70	21.7	280	26	135.5	10.00
D137505		512	143.0	135.0	65.4	5	1185	15.6	5.21	93.5	1.55	20.4	316	16	114.5	9.30
D137506		783	213	172.0	104.0	4	1735	9.0	8.49	90.5	2.14	18.25	262	11	196.5	12.85
D137507		71.7	18.40	59.4	10.50	1	722	3.8	0.96	5.58	0.32	7.62	192	1	25.2	2.20
D137508		66.4	16.60	48.2	9.51	1	1830	3.5	0.86	4.58	0.32	9.23	185	1	25.6	2.36
D137509		79.4	20.0	57.8	12.55	1	1035	3.9	1.05	6.79	0.37	21.8	192	2	27.8	2.29
D137510		3080	780	6.0	379	32	824	23.6	14.20	231	1.18	6.41	373	4	131.5	5.83
D137511		81.5	20.3	59.1	11.85	1	943	4.3	1.09	8.42	0.34	42.1	215	2	28.6	2.30
D137512		138.0	36.8	76.3	18.90	2	796	7.3	1.57	24.2	0.43	45.8	205	4	37.1	3.11
D137513		674	182.5	59.1	90.3	3	2890	29.4	7.06	179.0	1.86	94.3	171	18	148.5	10.25
D137514		674	179.0	52.8	92.9	2	2670	28.8	7.30	172.5	1.87	54.1	134	10	155.5	10.60
D137515		783	213	52.0	101.0	2	2990	45.2	7.82	276	1.70	83.9	133	10	153.5	10.85
D137516		289	81.0	53.4	36.3	1	2150	17.5	2.53	69.6	0.79	25.1	38	4	57.9	5.50
D137517		162.0	44.3	56.6	21.3	1	1870	12.1	1.80	44.4	0.60	17.90	25	3	45.4	4.00
D137518		416	124.0	53.2	52.7	2	1910	18.5	3.73	86.3	1.00	39.7	88	9	91.2	6.07
D137519		923	264	104.5	134.0	4	3320	58.9	10.65	424	2.55	126.5	274	10	244	12.70
D137520		6.6	1.96	3.1	0.96	<1	134.5	0.6	0.07	2.96	0.02	1.36	6	1	2.2	0.14
D137521		2020	623	72.6	279	3	6690	20.0	21.4	385	4.62	40.2	277	21	464	23.9
D137522		2220	687	45.3	309	2	>10000	21.7	22.8	387	4.60	51.4	199	15	480	21.8
D137523		172.0	48.8	60.4	25.6	1	912	4.8	2.41	25.7	0.68	17.05	143	8	60.8	3.50
D137524		72.8	19.40	71.8	11.40	1	729	3.9	1.09	6.99	0.34	4.25	190	7	28.4	1.87
D137525		72.9	19.25	70.7	11.30	1	686	3.8	1.10	6.14	0.30	4.14	189	7	29.7	2.06
D137526		59.6	16.25	59.6	9.68	1	893	4.0	1.01	5.26	0.33	2.17	178	6	26.7	1.83
D137527		62.5	16.85	54.4	10.05	1	1040	4.2	0.96	5.89	0.31	2.03	204	5	26.5	2.03
D137528		63.5	17.20	53.0	9.78	1	1105	4.0	0.95	5.78	0.29	1.80	209	4	25.2	1.82
D137529		82.4	21.5	62.8	12.65	1	1025	4.2	1.11	5.88	0.31	2.23	213	6	28.9	1.92
D137530		22.7	6.65	105.0	4.27	6	99.6	0.5	0.63	9.60	0.34	17.85	282	48	21.5	2.16
D137531		69.8	18.70	58.3	10.80	1	941	4.5	1.05	10.45	0.36	5.45	179	7	26.3	1.94
D137532		799	229	51.6	111.0	2	3860	32.7	8.65	291	2.03	69.5	186	8	196.0	11.30
D137533		817	232	84.5	114.0	4	4190	34.9	9.04	303	2.12	60.8	288	17	205	11.50
D137534		988	282	91.3	141.5	4	4520	64.6	10.90	436	2.56	110.0	277	8	242	13.20
D137535		191.0	56.2	144.0	30.1	5	2100	39.1	3.02	200.0	0.97	64.0	407	12	79.3	6.43
D137536		475	139.0	177.0	67.4	4	3990	70.1	5.31	356	1.35	123.0	261	5	121.5	8.74
D137537		317	95.5	320	40.4	4	1115	31.3	3.01	73.5	0.68	11.40	276	5	64.4	3.76
D137538		459	136.0	238	61.8	4	1925	48.9	4.56	192.0	1.15	40.8	319	7	96.2	6.24
D137539		660	189.5	159.0	93.3	5	2830	24.3	7.55	247	2.04	37.2	389	7	181.0	10.80
D137540		4.8	1.41	1.9	0.71	<1	135.0	0.4	0.05	2.36	0.02	1.78	7	<1	1.4	0.15



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D137501		170	38.7	13.75	14.50	7.60	3.97	0.19	3.96	0.037	1.56	0.07	1.17	0.03	0.10	15.35
D137502		169	39.1	13.25	19.20	4.52	3.95	0.22	3.95	0.042	1.53	0.07	1.10	0.03	0.09	13.55
D137503		409	38.9	9.39	14.35	12.15	2.36	0.09	1.52	0.044	2.04	0.18	1.61	0.10	0.15	17.55
D137504		423	36.4	10.80	13.25	11.70	2.98	0.12	1.85	0.044	2.47	0.15	2.07	0.14	0.12	17.40
D137505		401	31.8	10.30	31.6	4.12	4.32	0.14	2.91	0.043	2.29	0.22	1.96	0.13	0.32	10.35
D137506		342	28.6	9.40	9.20	16.95	8.32	0.20	3.70	0.040	1.95	0.54	2.28	0.19	0.91	16.10
D137507		153	36.3	13.15	10.15	11.00	4.80	0.57	2.45	0.041	1.43	0.16	1.09	0.09	0.17	17.25
D137508		149	33.7	11.80	9.63	15.70	4.74	0.62	1.80	0.035	1.33	0.19	1.00	0.20	0.17	19.65
D137509		147	36.2	12.20	6.76	14.90	3.67	0.54	2.08	0.034	1.36	0.20	1.02	0.11	0.19	20.5
D137510		629	28.8	11.30	50.2	1.85	1.85	0.23	0.15	0.087	3.12	0.13	1.14	0.09	0.12	1.17
D137511		174	39.9	13.70	10.70	9.87	4.96	0.82	2.16	0.039	1.55	0.13	1.11	0.10	0.20	15.30
D137512		242	39.9	13.65	6.36	11.95	3.06	0.70	3.03	0.034	1.78	0.17	1.21	0.09	0.21	17.45
D137513		416	27.0	8.55	14.35	15.25	4.06	0.70	2.40	0.012	1.19	0.51	4.24	0.33	0.34	15.80
D137514		438	32.7	11.10	8.01	16.30	5.17	0.21	1.89	0.005	0.81	0.46	3.75	0.30	0.22	20.3
D137515		481	24.6	7.76	9.14	19.00	6.28	0.21	1.84	0.006	0.75	0.56	2.99	0.32	0.21	23.5
D137516		297	28.7	9.34	7.68	16.75	6.22	0.31	2.88	0.002	0.26	0.53	0.52	0.24	0.34	24.6
D137517		243	34.0	10.00	8.00	14.20	5.15	0.96	3.20	<0.002	0.19	0.42	0.56	0.21	0.24	20.9
D137518		421	33.8	11.65	6.45	15.05	4.99	1.02	2.66	0.011	0.62	0.45	1.39	0.22	0.23	21.3
D137519		524	20.4	6.40	14.95	22.4	5.64	0.37	2.49	0.039	1.74	0.62	4.57	0.39	0.29	16.55
D137520		8	17.60	0.25	0.22	28.9	20.8	0.06	0.11	0.002	0.02	0.07	0.05	0.01	0.06	32.8
D137521		322	14.40	3.52	21.0	26.5	3.40	0.50	1.74	0.012	1.40	0.56	11.40	0.79	0.17	11.55
D137522		228	10.25	3.00	12.95	33.0	3.02	0.48	1.13	0.009	1.01	0.47	17.20	1.19	0.14	11.60
D137523		140	30.4	8.73	9.06	17.95	4.01	0.22	2.36	0.024	0.95	0.49	1.20	0.09	0.09	24.4
D137524		152	39.4	12.70	8.68	10.45	3.60	0.44	2.77	0.036	1.41	0.20	1.13	0.09	0.15	18.05
D137525		153	38.8	12.55	8.56	11.10	3.53	0.44	2.74	0.035	1.39	0.21	1.11	0.08	0.15	18.45
D137526		147	37.7	12.25	9.13	11.90	3.67	0.53	2.42	0.034	1.37	0.22	1.11	0.10	0.16	19.15
D137527		239	38.1	13.30	12.15	9.89	4.44	0.74	2.19	0.032	1.53	0.16	1.27	0.12	0.17	15.80
D137528		163	37.6	13.30	13.35	9.88	4.68	0.75	2.07	0.032	1.54	0.17	1.20	0.12	0.16	15.85
D137529		170	38.1	12.85	11.30	10.70	4.27	0.66	2.29	0.033	1.47	0.19	1.19	0.11	0.16	17.40
D137530		143	42.0	10.80	24.6	5.95	2.10	1.87	4.21	0.008	0.86	0.32	0.18	0.01	0.92	6.35
D137531		151	37.1	12.00	9.16	11.75	3.75	0.53	2.22	0.032	1.32	0.24	1.07	0.10	0.16	20.3
D137532		405	21.5	8.60	16.50	17.95	4.73	0.64	1.85	0.015	0.98	0.65	5.94	0.45	0.19	18.50
D137533		387	19.85	6.07	20.5	20.7	4.20	0.44	2.17	0.021	1.95	0.63	5.07	0.49	0.17	15.05
D137534		556	19.05	4.25	15.55	24.8	5.19	0.28	2.13	0.028	1.82	0.70	6.38	0.53	0.19	16.00
D137535		672	24.5	7.56	20.9	13.45	6.45	0.52	3.36	0.074	2.50	0.76	0.31	0.24	0.56	16.00
D137536		529	25.4	7.76	14.35	18.25	7.09	0.80	3.86	0.038	1.67	0.66	2.33	0.45	0.66	15.65
D137537		326	27.7	8.48	15.05	11.85	12.35	0.25	5.63	0.070	2.89	0.70	0.60	0.13	1.24	11.15
D137538		420	26.7	8.22	17.70	11.70	10.20	0.18	4.61	0.066	2.89	0.70	1.22	0.22	1.01	12.20
D137539		494	22.9	6.10	20.6	15.65	7.58	0.63	3.53	0.081	2.70	0.92	3.02	0.34	0.56	13.35
D137540		5	15.35	0.08	0.25	28.4	21.7	0.03	0.06	0.003	0.02	0.06	0.04	0.01	0.01	34.8



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137501		100.99	0.6	<5	1.0	32	83	60	3	176	11	22	<10	30	<0.005
D137502		100.60	<0.5	<5	1.1	13	26	60	4	195	11	21	<10	48	<0.005
D137503		100.43	1.0	<5	1.5	<1	35	30	4	80	55	23	<10	167	<0.005
D137504		99.49	0.9	38	1.8	5	49	40	5	128	36	26	<10	196	<0.005
D137505		100.50	1.2	<5	1.4	10	46	50	9	146	71	26	<10	350	<0.005
D137506		98.38	1.3	14	1.3	56	94	50	22	184	57	23	<10	162	<0.005
D137507		98.65	0.7	<5	0.9	87	102	100	3	270	16	23	<10	31	<0.005
D137508		100.57	0.6	<5	0.9	59	76	80	2	218	11	20	<10	24	<0.005
D137509		99.76	0.5	<5	0.8	68	88	90	8	214	12	20	<10	27	<0.005
D137510		100.24	0.9	<5	<0.5	<1	50	10	48	137	209	46	<10	248	<0.005
D137511		100.54	0.6	12	1.1	52	95	90	13	240	18	23	<10	38	<0.005
D137512		99.59	1.1	<5	1.1	50	85	80	14	170	38	20	<10	20	<0.005
D137513		94.73	1.8	11	1.0	86	55	50	20	267	125	11	<10	50	<0.005
D137514		101.23	1.7	5	0.5	33	52	90	12	140	90	8	<10	17	<0.005
D137515		97.17	1.9	16	0.6	31	28	50	12	151	128	13	<10	20	<0.005
D137516		98.37	1.0	<5	<0.5	7	33	70	24	42	43	4	<10	13	<0.005
D137517		98.03	0.8	5	<0.5	6	39	60	24	34	36	1	<10	15	<0.005
D137518		99.84	1.4	8	0.5	17	47	90	29	88	62	8	<10	12	<0.005
D137519		96.85	2.5	16	1.2	71	124	60	20	362	180	23	<10	95	<0.005
D137520		100.95	<0.5	<5	<0.5	1	2	20	1	3	6	<1	<10	25	<0.005
D137521		96.94	1.2	59	<0.5	153	105	30	38	441	44	6	<10	89	<0.005
D137522		95.45	0.9	53	<0.5	100	120	20	46	338	72	3	10	50	<0.005
D137523		99.97	0.9	<5	0.9	41	71	60	9	181	25	14	<10	27	<0.005
D137524		99.11	0.6	<5	0.9	51	113	90	4	197	14	22	<10	15	<0.005
D137525		99.15	0.6	<5	0.9	48	118	90	3	186	12	21	<10	14	<0.005
D137526		99.74	0.6	<5	0.9	45	106	90	3	160	11	20	<10	17	<0.005
D137527		99.89	0.6	<5	1.3	35	100	90	2	138	11	20	<10	22	<0.005
D137528		100.70	0.6	<5	1.2	36	103	90	1	145	11	21	<10	22	<0.005
D137529		100.72	0.7	<5	1.1	36	113	100	2	147	13	21	<10	19	<0.005
D137530		100.18	1.0	153	0.8	204	3090	20	62	80	9	16	<10	24	0.189
D137531		99.73	0.5	<5	0.9	43	99	80	4	170	15	20	<10	20	<0.005
D137532		98.50	1.9	8	0.9	44	20	120	8	224	120	10	<10	82	<0.005
D137533		97.31	1.9	64	1.4	126	185	70	13	469	138	10	<10	112	<0.005
D137534		96.90	2.2	14	1.1	48	55	40	27	280	177	17	<10	116	<0.005
D137535		97.18	2.5	<5	1.9	63	113	40	56	322	132	30	<10	132	<0.005
D137536		98.97	2.2	10	1.2	24	57	40	50	197	176	19	<10	165	<0.005
D137537		98.09	1.4	<5	2.0	23	18	20	8	221	114	26	<10	294	<0.005
D137538		97.62	2.0	<5	2.1	35	45	30	9	274	160	22	<10	270	<0.005
D137539		97.96	2.2	<5	2.0	30	39	30	16	145	106	19	<10	258	<0.005
D137540		100.81	<0.5	<5	<0.5	<1	2	10	1	4	5	<1	<10	23	<0.005



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D137541		2.64	6710	714	390	3.85	16.40	6.87	10.30	19.7	20.8	7.1	2.55	308	0.68	1625
D137542		2.20	6850	772	560	4.62	16.90	6.76	10.20	19.8	21.5	6.3	2.64	356	0.69	1660
D137543		2.10	9100	721	570	4.53	13.35	5.36	9.16	20.9	19.50	6.4	2.18	316	0.55	1590
D137544		2.41	>10000	617	320	4.17	13.85	5.63	8.13	18.5	18.80	4.5	2.26	289	0.47	1015
D137545		2.47	5690	1595	360	2.73	38.1	15.85	23.1	18.8	52.6	7.9	6.18	853	1.26	1020
D137546		2.27	6920	3970	470	2.65	94.6	38.9	55.8	25.1	134.5	7.0	15.30	2110	2.59	1040
D137547		2.16	8770	2880	390	3.52	59.6	23.9	37.4	22.8	87.0	4.6	9.63	1570	1.79	1255
D137548		2.31	8660	4780	380	3.28	110.0	46.1	65.5	28.2	155.5	4.1	17.80	2630	3.14	722
D137549		2.21	10000	1535	340	4.60	27.8	11.20	18.40	21.6	40.5	5.8	4.34	835	0.88	1285
D137550		<0.02	1145	4980	660	0.42	54.9	12.20	83.0	51.4	152.5	15.1	6.59	3900	0.68	1575
D137551		2.35	7740	790	400	3.41	21.1	8.51	11.40	17.2	26.8	8.3	3.35	389	0.81	824
D137552		2.30	4440	1165	350	2.79	26.3	11.70	15.70	18.6	41.7	9.6	4.63	608	1.22	1125
D137553		2.23	8560	1225	480	4.81	19.25	7.83	13.30	20.8	32.5	7.3	3.27	669	0.76	1300
D137554		2.21	5940	649	300	3.88	14.75	6.43	8.88	16.6	22.5	7.1	2.78	301	0.69	793
D137555		2.23	>10000	1440	400	5.24	22.6	8.23	16.40	21.7	39.1	6.4	3.71	736	0.71	1735
D137556		2.36	>10000	1265	420	6.21	18.85	7.46	13.10	20.8	32.1	4.7	3.12	658	0.66	1360
D137557		1.89	9640	969	430	5.95	12.95	5.37	9.12	19.7	22.3	5.1	2.18	470	0.57	1030
D137558		2.39	7840	780	310	4.23	14.85	6.27	8.91	18.5	22.2	6.3	2.67	385	0.70	916
D137559		1.69	5090	1410	240	3.58	24.8	10.30	16.80	17.1	41.4	5.5	4.39	758	0.97	1195
D137560		0.38	729	12.6	<10	0.23	0.29	0.15	0.16	0.4	0.43	0.1	0.05	6.7	0.01	10.2
D137561		1.33	>10000	1225	290	5.28	20.5	8.90	14.45	20.9	35.0	4.1	3.64	653	0.79	1535
D137562		2.02	5410	940	730	3.79	18.45	7.82	11.55	20.4	28.6	7.3	3.22	447	0.84	1425
D137563		2.02	8350	1255	300	4.76	16.40	6.84	12.70	23.3	28.1	5.2	2.72	665	0.73	1525
D137564		1.98	735	1235	170	1.98	14.85	6.45	10.45	16.7	25.5	5.0	2.57	651	0.68	403
D137565		3.17	2390	774	240	2.79	14.15	6.22	9.34	17.6	24.2	4.1	2.52	365	0.54	464
D137566		3.01	1265	256	10	1.02	6.93	3.47	3.99	14.4	11.70	5.6	1.37	118.0	0.48	158.0
D137567		1.94	1030	230	10	0.94	6.47	3.22	3.67	14.7	10.55	5.5	1.23	110.0	0.41	135.0
D137568		1.54	1320	220	<10	0.88	6.14	2.82	3.79	14.4	10.05	5.2	1.09	107.5	0.40	129.5
D137569		1.69	1590	227	<10	1.19	6.22	2.92	3.94	14.0	10.95	5.4	1.18	107.5	0.39	126.0
D137570		0.07	8410	77.5	40	0.72	3.80	2.08	1.14	19.2	4.01	3.4	0.82	79.2	0.38	6.6
D137571		1.32	1475	240	<10	1.29	6.03	2.91	4.03	14.0	10.40	5.1	1.06	112.5	0.42	122.0
D137572		2.76	1540	226	30	1.48	6.19	3.09	3.92	14.4	10.40	5.6	1.14	107.0	0.45	130.0
D137573		2.09	1565	234	50	1.51	6.97	3.01	3.87	15.8	10.15	5.2	1.17	111.5	0.36	143.0
D137574		2.67	1405	219	170	1.92	6.55	3.01	3.56	16.8	10.25	4.9	1.14	104.0	0.42	213
D137575		<0.02	1440	211	140	1.78	6.15	2.86	3.56	15.4	9.69	4.8	1.18	101.0	0.37	193.5
D137576		2.17	1810	230	10	1.65	6.46	2.90	4.11	15.0	11.00	5.5	1.16	107.5	0.38	135.5
D137577		1.23	2020	241	<10	1.77	7.46	3.23	4.26	14.8	10.85	5.6	1.28	113.0	0.46	131.0
D137578		2.12	1555	825	60	2.02	12.60	5.49	9.12	18.1	22.6	7.9	2.21	525	0.69	276
D137579		2.40	1100	391	80	2.09	9.08	4.22	5.60	16.3	14.50	7.0	1.65	217	0.55	234
D137580		0.49	84.4	3.9	<10	0.29	0.12	0.07	0.04	0.3	0.18	0.1	0.01	2.4	0.01	2.4



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137541		255	73.0	161.0	38.1	6	1220	31.1	2.89	143.0	0.78	55.2	460	4	64.2	4.73
D137542		268	77.8	193.5	38.0	5	1370	32.6	3.03	136.0	0.83	59.0	391	4	66.8	4.67
D137543		249	73.5	234	35.4	5	839	29.1	2.60	85.7	0.64	26.2	374	6	53.0	4.12
D137544		218	62.5	189.0	31.2	5	1150	15.5	2.48	53.2	0.68	9.39	369	3	59.0	3.70
D137545		593	168.5	127.0	85.9	5	1875	15.4	6.89	169.5	1.79	21.1	401	3	163.5	10.10
D137546		1455	447	125.0	208	5	2460	17.9	17.25	446	4.27	18.00	410	4	405	22.1
D137547		1025	300	155.5	142.0	3	1525	28.6	11.00	231	2.80	18.55	247	8	256	14.75
D137548		1740	547	150.0	247	4	3020	13.3	20.2	395	5.12	24.4	314	4	492	27.4
D137549		537	158.0	210	72.9	3	1135	21.9	5.14	104.5	1.25	21.7	278	7	114.0	7.09
D137550		2950	790	6.0	374	32	829	24.6	13.70	258	1.18	6.41	387	4	140.0	5.39
D137551		271	78.9	154.0	40.0	5	1090	10.6	3.72	57.7	0.98	8.71	411	5	90.6	5.75
D137552		386	113.0	112.5	56.0	7	1290	16.5	5.36	90.1	1.46	21.1	541	10	116.5	8.61
D137553		379	115.0	199.5	49.5	5	897	22.9	3.88	75.1	1.06	16.25	404	6	80.4	5.98
D137554		212	61.3	153.5	30.7	5	628	10.1	3.03	37.8	0.92	9.98	397	5	69.5	5.35
D137555		465	139.0	238	61.1	4	581	38.0	4.55	83.2	1.06	12.60	373	7	89.4	5.95
D137556		401	121.5	244	51.8	3	698	23.2	3.90	67.2	0.91	8.23	259	13	77.2	5.29
D137557		289	88.3	228	35.4	3	784	14.5	2.76	38.6	0.80	5.18	290	8	59.0	4.09
D137558		241	71.7	177.0	31.9	4	506	12.5	2.79	52.3	0.89	9.10	380	9	70.1	4.94
D137559		458	135.0	132.0	60.2	3	1175	23.0	5.19	129.5	1.42	35.5	249	6	111.5	7.68
D137560		4.5	1.29	1.2	0.65	<1	119.0	0.2	0.05	1.60	0.02	0.53	6	<1	1.5	0.06
D137561		399	118.5	231	53.7	2	621	23.8	4.25	79.1	1.17	15.50	234	12	87.3	6.55
D137562		307	89.2	149.0	43.4	5	662	19.1	3.62	91.9	1.07	21.3	396	11	78.7	6.06
D137563		394	119.0	186.0	48.1	3	519	19.9	3.39	65.1	0.92	12.25	311	16	67.0	5.23
D137564		368	113.0	67.7	41.6	1	910	6.4	2.93	35.4	0.97	25.1	141	13	67.9	5.49
D137565		256	74.0	93.0	35.0	2	880	8.7	2.87	58.0	0.89	13.80	215	13	64.9	4.80
D137566		108.0	29.6	103.5	15.25	1	368	7.1	1.45	8.86	0.46	3.24	97	13	36.0	3.38
D137567		97.1	26.7	99.8	14.40	1	351	6.9	1.39	8.09	0.47	2.98	94	10	33.0	3.17
D137568		94.5	25.3	96.2	13.85	1	428	7.0	1.24	7.46	0.40	2.23	89	8	29.3	2.50
D137569		97.5	26.2	91.2	14.70	1	748	6.9	1.26	7.57	0.36	2.11	89	5	30.3	2.57
D137570		20.9	6.34	104.5	4.09	5	98.5	0.4	0.60	9.28	0.36	17.10	287	45	20.3	1.94
D137571		103.0	27.5	84.2	14.05	1	694	6.5	1.25	7.08	0.41	2.14	85	6	30.1	2.42
D137572		97.6	26.6	83.1	13.75	2	840	6.9	1.28	7.80	0.42	2.91	98	7	30.8	2.81
D137573		100.0	27.5	74.8	14.40	1	876	7.0	1.29	9.11	0.42	3.29	111	10	31.9	2.72
D137574		90.4	24.6	74.5	13.10	2	814	6.5	1.26	11.85	0.44	9.99	152	7	31.1	2.67
D137575		89.0	23.9	74.8	12.75	2	817	6.5	1.13	10.10	0.41	8.49	140	7	30.0	2.68
D137576		99.3	27.0	91.0	16.05	2	918	7.2	1.30	7.91	0.39	3.27	98	3	31.8	2.69
D137577		107.0	27.9	93.4	15.85	1	752	7.2	1.40	8.29	0.46	3.32	93	3	33.9	2.97
D137578		244	73.4	78.4	32.1	2	1180	11.2	2.67	27.4	0.79	12.40	223	9	60.2	4.96
D137579		139.5	40.5	61.3	20.6	2	1110	12.1	1.86	20.9	0.58	12.60	177	8	46.6	3.73
D137580		1.5	0.43	1.4	0.25	<1	91.4	0.1	0.03	0.27	0.01	0.34	5	<1	0.9	0.08



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137541		505	27.0	6.33	26.6	10.35	9.54	0.49	3.30	0.056	3.16	0.86	0.86	0.14	0.67	9.33
D137542		395	28.0	7.04	23.0	10.70	10.00	0.41	3.81	0.080	2.82	0.82	0.93	0.16	0.69	10.40
D137543		347	27.4	7.62	21.0	8.10	10.85	0.22	4.28	0.078	2.93	0.78	0.66	0.09	0.90	12.45
D137544		311	25.7	7.09	23.6	9.83	10.10	0.15	3.79	0.046	2.60	0.82	0.96	0.13	1.09	13.05
D137545		560	26.8	4.29	23.5	13.90	8.03	0.16	2.37	0.049	2.42	0.81	2.71	0.21	0.55	12.70
D137546		465	22.1	4.65	19.90	15.75	8.54	0.13	2.68	0.068	2.95	0.77	5.96	0.30	0.71	12.95
D137547		247	25.8	8.11	14.90	14.85	9.89	0.32	3.85	0.057	2.49	0.65	3.46	0.18	0.90	13.20
D137548		277	19.80	5.20	17.30	18.10	9.24	0.13	3.00	0.054	2.07	0.75	8.00	0.36	0.88	12.25
D137549		306	24.2	8.15	21.0	10.05	11.50	0.11	4.30	0.051	2.83	0.90	1.65	0.14	1.07	14.00
D137550		639	29.1	11.30	50.4	1.88	1.85	0.24	0.16	0.086	3.05	0.13	1.16	0.09	0.12	1.12
D137551		507	22.8	5.31	19.60	14.45	8.49	0.08	3.00	0.053	2.46	0.79	1.13	0.12	0.75	14.95
D137552		625	20.2	4.20	22.6	15.15	7.27	0.07	1.85	0.045	2.56	0.99	1.83	0.14	0.48	17.95
D137553		378	24.2	6.63	21.0	9.67	10.55	0.08	3.51	0.065	2.67	0.93	1.09	0.10	0.91	15.25
D137554		354	19.30	5.81	21.8	12.45	10.15	0.08	2.79	0.045	2.45	0.97	0.91	0.08	0.68	19.10
D137555		295	24.0	7.72	20.0	8.31	12.30	0.12	4.45	0.054	3.08	0.81	0.93	0.07	1.27	12.85
D137556		222	26.8	9.68	15.40	10.50	11.80	0.15	4.95	0.059	2.49	0.70	0.92	0.08	1.11	13.80
D137557		251	26.4	9.72	17.25	10.40	11.25	0.12	4.74	0.062	2.39	0.73	0.66	0.09	1.09	14.05
D137558		351	20.00	6.07	20.4	11.70	11.20	0.07	3.27	0.042	2.41	0.97	0.57	0.06	0.83	19.00
D137559		328	19.20	6.57	15.75	17.80	8.96	0.09	2.84	0.033	1.61	0.82	1.84	0.13	0.53	21.3
D137560		5	26.4	0.08	0.27	26.7	20.4	0.02	0.03	<0.002	0.02	0.06	0.02	0.02	0.09	26.3
D137561		215	29.9	11.00	14.45	7.19	11.65	0.29	5.54	0.040	2.55	0.61	1.23	0.08	1.29	12.05
D137562		399	25.6	8.11	21.4	8.87	8.15	0.09	3.38	0.106	2.98	0.79	1.19	0.08	0.61	17.40
D137563		289	28.3	9.28	16.55	8.26	10.70	0.11	4.53	0.042	2.82	0.67	0.73	0.06	0.91	14.95
D137564		284	38.1	11.90	12.35	7.50	4.21	0.19	6.31	0.024	1.26	0.51	1.69	0.10	0.09	15.05
D137565		227	35.5	12.15	10.95	7.45	5.53	0.17	4.25	0.030	1.79	0.39	1.53	0.10	0.27	16.70
D137566		283	44.8	14.95	10.10	3.89	2.67	0.97	7.08	<0.002	1.49	0.23	1.81	0.04	0.14	8.30
D137567		271	46.1	15.20	9.87	4.65	2.39	1.15	7.16	<0.002	1.48	0.22	1.82	0.04	0.12	8.31
D137568		277	46.2	15.25	8.10	5.28	2.36	1.61	6.50	<0.002	1.45	0.18	1.80	0.05	0.15	8.36
D137569		274	47.3	15.75	7.74	5.57	2.55	2.39	5.06	<0.002	1.48	0.19	1.87	0.09	0.19	8.81
D137570		129	41.3	10.90	24.3	5.99	2.11	1.82	4.15	0.007	0.87	0.31	0.17	0.01	0.91	6.34
D137571		258	45.8	15.00	8.05	6.39	2.60	2.32	4.87	<0.002	1.45	0.24	1.78	0.09	0.18	9.95
D137572		269	44.7	14.60	8.49	4.61	2.76	2.19	4.22	0.005	1.43	0.24	1.73	0.09	0.17	10.45
D137573		265	45.6	15.65	7.98	5.60	3.27	2.19	3.99	0.009	1.60	0.23	1.77	0.10	0.19	11.05
D137574		247	44.3	15.25	9.16	5.17	3.44	1.56	3.95	0.026	1.61	0.26	1.55	0.09	0.17	13.70
D137575		246	44.0	15.20	8.56	5.07	3.14	1.67	3.91	0.020	1.53	0.24	1.55	0.09	0.17	13.05
D137576		286	46.5	16.00	7.96	4.52	2.70	2.49	4.39	<0.002	1.54	0.18	1.92	0.10	0.21	9.21
D137577		283	46.7	16.05	8.15	5.06	2.59	2.21	4.68	<0.002	1.52	0.19	1.90	0.09	0.24	9.66
D137578		462	37.5	14.55	8.25	8.43	3.70	0.58	2.77	0.009	2.16	0.22	2.35	0.13	0.17	17.00
D137579		394	35.4	13.50	7.72	9.70	4.23	0.14	2.21	0.011	1.84	0.26	2.01	0.12	0.13	20.3
D137580		5	24.8	0.21	0.22	26.5	18.65	0.08	0.08	<0.002	0.02	0.05	0.03	0.01	0.01	29.5



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137541		98.69	2.1	<5	2.5	55	96	30	6	242	118	24	<10	318	<0.005
D137542		98.86	2.0	<5	2.4	36	68	30	11	192	118	25	<10	356	<0.005
D137543		97.36	1.6	<5	2.0	41	63	30	9	202	110	25	<10	317	0.007
D137544		98.96	1.5	<5	2.0	54	102	30	9	187	75	15	<10	305	0.006
D137545		98.50	2.0	<5	1.6	55	106	20	6	193	72	29	<10	267	0.006
D137546		97.46	2.2	<5	1.3	57	87	10	5	240	83	23	<10	180	0.006
D137547		98.66	1.4	<5	1.5	29	114	40	12	203	95	22	<10	147	0.006
D137548		97.13	1.8	11	1.1	59	108	10	46	218	76	21	<10	167	<0.005
D137549		99.95	1.6	<5	2.0	32	54	30	185	184	102	23	<10	261	0.006
D137550		100.69	0.5	5	<0.5	<1	49	10	48	134	200	44	<10	248	0.033
D137551		93.98	2.0	<5	1.9	72	132	10	7	308	66	36	<10	252	0.005
D137552		95.34	2.2	<5	2.2	79	199	20	7	337	83	36	<10	228	0.005
D137553		96.66	1.5	<5	2.1	44	86	20	5	223	99	27	<10	321	0.006
D137554		96.62	1.7	<5	1.9	41	67	20	5	198	70	32	<10	262	0.005
D137555		95.96	1.4	<5	2.4	72	103	20	5	319	122	26	<10	281	0.005
D137556		98.44	1.1	<5	1.9	31	48	40	8	195	96	23	<10	242	0.006
D137557		98.95	1.0	<5	1.7	46	35	50	18	214	78	24	<10	234	0.005
D137558		96.59	1.7	<5	2.3	53	47	10	5	185	75	26	<10	254	<0.005
D137559		97.47	1.6	<5	1.5	27	97	40	13	165	90	27	<10	155	0.007
D137560		100.41	<0.5	<5	<0.5	1	2	10	<1	3	2	<1	<10	24	<0.005
D137561		97.87	1.2	<5	2.0	27	4	30	21	178	116	17	<10	198	<0.005
D137562		98.76	2.0	<5	2.5	61	99	30	30	278	127	28	<10	173	<0.005
D137563		97.91	1.3	<5	2.3	36	42	30	13	182	115	22	<10	191	<0.005
D137564		99.28	1.1	<5	1.1	27	141	30	11	140	56	14	<10	48	0.005
D137565		96.81	1.0	<5	1.3	58	79	50	17	210	53	20	<10	77	0.005
D137566		96.47	1.0	<5	1.0	22	14	40	4	64	34	8	<10	35	0.006
D137567		98.51	0.9	<5	1.2	19	21	50	4	48	24	8	<10	95	0.005
D137568		97.29	0.8	<5	1.0	16	13	50	2	31	22	7	<10	30	<0.005
D137569		98.99	0.8	<5	1.0	14	15	60	2	21	37	7	<10	20	<0.005
D137570		99.19	1.1	151	0.9	207	3110	20	63	83	9	17	<10	24	0.180
D137571		98.72	0.8	<5	1.0	21	19	50	2	29	31	7	<10	22	0.006
D137572		95.69	0.9	<5	0.8	23	20	50	3	41	31	8	<10	27	<0.005
D137573		99.23	0.9	<5	0.8	27	29	50	22	57	31	9	<10	25	<0.005
D137574		100.24	0.8	<5	0.9	33	55	60	8	85	30	14	<10	32	<0.005
D137575		98.20	0.8	<5	0.9	30	47	60	7	74	27	13	<10	32	<0.005
D137576		97.72	0.9	<5	1.0	14	32	50	4	25	19	7	<10	33	<0.005
D137577		99.04	0.9	<5	0.9	11	45	50	2	32	16	6	<10	33	<0.005
D137578		97.82	1.2	<5	1.2	31	48	60	17	71	41	15	<10	41	0.009
D137579		97.57	1.4	<5	1.2	27	51	50	19	72	41	14	<10	28	0.005
D137580		100.16	<0.5	<5	<0.5	<1	2	30	<1	<1	6	<1	<10	23	<0.005



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - A
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	
D137581		2.04	2060	363	30	1.36	7.63	3.92	4.42	9.5	10.70	2.6	1.40	208	0.53	163.5
D137582		3.12	2520	347	40	1.27	7.48	3.64	4.26	10.0	10.70	2.6	1.39	200	0.49	149.5
D137583		1.35	2040	246	<10	1.86	6.92	3.30	4.11	15.8	12.25	5.7	1.21	111.5	0.46	132.5
D137584		2.09	2080	233	10	1.31	6.73	3.00	4.20	15.0	11.10	5.8	1.17	108.0	0.41	139.0
D137585		2.90	1715	273	30	2.76	6.90	3.10	4.39	14.9	12.00	5.6	1.30	135.5	0.44	155.0
D137586		1.83	6470	675	340	2.79	12.70	5.62	7.74	13.1	20.2	6.1	2.32	390	0.81	239
D137587		1.99	9810	647	180	3.16	14.65	7.25	8.95	15.0	24.0	4.0	2.54	358	0.74	393
D137588		2.38	6980	917	260	3.29	14.10	6.77	8.82	18.9	22.9	5.3	2.44	655	0.71	369
D137589		2.09	1255	1215	160	2.13	15.30	7.65	9.22	15.1	23.5	4.1	2.64	1010	0.79	304
D137590		<0.02	1050	4820	540	0.39	51.0	12.35	75.8	54.8	159.0	14.0	6.37	3630	0.59	1450
D137591		2.27	1110	377	180	3.37	9.76	4.91	5.97	17.3	15.75	5.4	1.86	227	0.56	233
D137592		2.04	656	761	170	2.23	13.60	6.58	9.17	15.1	22.2	4.3	2.40	433	0.70	320
D137593		1.90	2440	1125	140	3.33	25.4	11.50	14.55	18.5	36.5	4.3	4.24	717	1.23	413



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - B
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd ppm 0.1	Pr ppm 0.02	Rb ppm 0.2	Sm ppm 0.03	Sn ppm 1	Sr ppm 0.1	Ta ppm 0.1	Tb ppm 0.01	Th ppm 0.05	Tm ppm 0.01	U ppm 0.05	V ppm 5	W ppm 1	Y ppm 0.1	Yb ppm 0.03
D137581		117.0	35.8	70.2	15.40	1	1125	6.8	1.48	30.7	0.53	7.70	44	13	43.3	3.67
D137582		112.0	34.3	70.3	15.10	1	1265	6.3	1.32	29.3	0.58	8.17	43	13	41.9	3.30
D137583		106.0	29.2	96.1	16.05	1	777	6.9	1.41	7.75	0.48	4.39	92	3	37.1	2.99
D137584		103.5	27.5	86.8	16.20	1	864	7.4	1.31	8.71	0.42	3.60	93	4	34.0	2.79
D137585		113.0	30.9	91.3	16.40	2	870	8.1	1.47	10.20	0.43	5.75	121	4	33.9	3.04
D137586		216	61.7	82.3	29.1	2	1430	5.6	2.48	25.3	0.85	7.17	344	54	65.7	5.63
D137587		219	60.9	85.1	31.8	2	1315	9.2	2.84	54.0	0.88	24.2	270	30	71.6	5.60
D137588		273	82.0	84.3	34.4	2	1115	8.8	2.81	49.3	0.88	14.85	350	52	68.4	5.60
D137589		280	94.1	40.7	33.1	1	1655	7.1	2.97	46.1	0.90	9.41	228	66	80.5	5.75
D137590		2710	771	5.6	357	29	775	23.4	13.55	238	1.21	5.97	354	4	127.5	5.38
D137591		146.5	40.9	70.1	21.2	1	1285	9.0	1.88	28.5	0.71	5.57	219	22	53.5	4.04
D137592		245	71.2	39.4	34.0	1	1635	7.6	2.65	56.5	0.85	4.40	299	27	65.4	5.10
D137593		367	106.0	61.6	53.6	2	1295	5.6	4.70	98.8	1.53	3.71	435	35	118.0	9.53



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - C
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01
D137581		216	28.7	8.26	9.08	16.05	7.26	0.20	3.34	0.005	0.35	0.46	0.42	0.13	0.24	24.6
D137582		207	27.6	7.46	9.00	16.85	7.12	0.10	3.18	0.006	0.33	0.49	0.38	0.14	0.29	25.4
D137583		285	48.1	16.25	8.36	4.50	2.74	2.24	4.91	0.002	1.60	0.21	2.02	0.09	0.24	9.52
D137584		282	44.8	15.25	8.54	5.08	2.69	2.26	4.31	<0.002	1.46	0.24	1.80	0.09	0.22	10.50
D137585		303	43.0	14.80	8.52	6.69	2.81	1.70	3.91	0.004	1.63	0.25	1.91	0.10	0.20	12.75
D137586		265	19.00	5.51	11.50	18.05	10.60	0.08	2.40	0.047	2.92	0.63	1.64	0.16	0.68	24.1
D137587		230	25.5	8.82	10.30	15.75	8.38	0.13	4.04	0.031	1.97	0.50	2.19	0.16	1.07	19.45
D137588		277	24.4	7.64	11.40	15.75	10.50	0.08	3.09	0.043	2.78	0.57	2.03	0.13	0.75	19.05
D137589		271	27.4	6.91	10.35	16.90	6.84	0.10	1.72	0.027	1.60	0.54	1.60	0.20	0.15	24.1
D137590		560	27.9	11.10	48.7	1.81	1.82	0.24	0.22	0.088	3.08	0.13	1.13	0.10	0.12	1.15
D137591		295	33.3	11.95	10.05	9.47	5.08	0.14	3.05	0.030	1.78	0.41	1.69	0.15	0.13	19.65
D137592		217	22.7	7.51	11.30	15.70	6.80	0.11	1.37	0.027	2.01	0.56	1.51	0.19	0.08	25.2
D137593		200	25.7	7.58	13.25	14.20	7.28	0.11	2.15	0.023	2.94	0.59	2.00	0.15	0.29	21.2



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - D
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 10-SEP-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137581		99.10	1.1	<5	0.5	13	9	20	27	47	30	3	<10	22	0.006
D137582		98.35	0.8	<5	0.6	12	3	20	29	37	24	3	<10	25	<0.005
D137583		100.78	0.9	<5	0.9	10	51	40	3	21	20	7	<10	33	<0.005
D137584		97.24	1.1	<5	1.0	18	6	40	3	34	27	7	<10	26	<0.005
D137585		98.27	1.0	<5	1.2	20	10	40	5	38	24	9	<10	27	<0.005
D137586		97.32	1.4	46	2.1	64	57	30	69	137	46	17	<10	52	0.007
D137587		98.29	1.2	21	1.3	36	77	90	256	130	53	16	<10	60	0.008
D137588		98.21	1.2	48	1.8	42	30	40	103	203	62	18	<10	46	0.010
D137589		98.44	1.4	41	1.2	40	55	20	384	98	37	13	<10	17	0.007
D137590		97.59	1.3	<5	<0.5	<1	49	10	48	134	205	45	<10	240	0.022
D137591		96.88	1.2	28	1.2	56	107	40	149	138	34	19	<10	22	0.005
D137592		95.07	1.2	12	1.5	34	17	40	103	104	43	17	<10	18	0.007
D137593		97.46	1.3	25	1.9	43	32	50	58	131	65	21	<10	84	0.007



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
2300 - 1177 WEST HASTINGS STREET
VANCOUVER BC V6E 2K3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-SEP-2021
Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21216218

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA23	ME-4ACD81	ME-ICP06
	OA-GRA05	TOT-ICP06	ME-MS81
Applies to Method:	Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.		
	CRU-31	CRU-QC	LOG-21
	LOG-23	PUL-31	PUL-31d
	SPL-21	SPL-21d	WEI-21
			PUL-QC



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

CERTIFICATE TM21242009

Project: HK

This report is for 57 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 10-SEP-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D137594		2.11	9890	966	130	2.34	27.7	11.30	14.75	13.6	42.7	2.8	4.19	619	1.49	368
D137595		2.05	>10000	1150	120	4.55	25.0	11.75	13.40	18.9	37.5	4.3	4.07	709	1.25	676
D137596		2.15	>10000	860	180	2.72	33.1	16.00	16.20	15.4	46.5	4.5	5.71	521	1.98	589
D137597		2.32	8000	744	270	1.80	19.65	8.60	12.25	14.9	32.7	4.7	3.14	399	0.94	862
D137598		2.15	7410	784	120	1.49	25.5	10.40	13.70	13.2	38.9	3.6	4.00	425	1.06	479
D137599		1.97	8150	912	150	2.39	35.1	15.50	14.50	13.5	41.3	2.6	5.95	609	1.31	385
D137600		0.52	1415	6.7	<10	0.45	0.27	0.16	0.09	0.3	0.36	0.1	0.04	4.3	0.02	3.0
D137601		1.51	2200	147.5	550	5.63	5.46	2.18	3.19	13.7	8.68	2.6	0.82	81.9	0.26	130.0
D137602		2.09	3320	376	470	3.45	10.30	4.28	6.05	15.1	16.60	5.3	1.69	219	0.49	199.5
D137603		2.40	5740	891	480	4.04	13.05	5.86	7.78	14.4	20.1	3.8	2.16	551	0.48	291
D137604		2.62	6140	915	300	3.15	18.95	8.89	11.65	18.5	28.1	4.9	3.26	554	0.84	345
D137605		2.30	4370	678	230	2.96	14.70	6.58	9.95	19.5	23.6	5.0	2.45	409	0.68	326
D137606		2.19	4040	737	100	3.25	20.0	9.30	11.80	17.9	29.5	3.9	3.46	452	0.95	536
D137607		2.19	4540	649	120	2.80	18.25	7.70	10.25	14.9	25.1	2.2	3.03	403	0.75	526
D137608		2.10	2700	529	110	3.58	12.75	5.72	8.17	18.7	19.75	3.9	2.14	294	0.67	295
D137609		2.12	6880	776	130	5.43	15.30	6.93	11.20	16.9	24.4	3.6	2.45	460	0.69	368
D137610		<0.02	1085	5010	600	0.45	54.0	12.55	83.4	52.2	163.5	13.4	6.50	3720	0.64	1545
D137611		2.67	4110	1225	200	2.81	30.4	14.55	16.60	14.7	42.0	3.5	5.22	723	1.28	671
D137612		2.36	4080	1465	160	6.51	32.4	15.35	18.50	17.4	46.5	2.2	5.56	835	0.94	750
D137613		2.12	3970	1205	230	6.43	25.9	12.25	15.50	16.1	37.7	2.3	4.53	685	0.90	548
D137614		2.32	3670	1160	170	8.23	28.8	13.65	15.95	18.0	39.9	2.5	4.97	644	0.83	845
D137615		1.94	3000	1590	30	7.67	21.9	9.42	15.20	23.4	33.9	3.7	3.51	798	0.63	1275
D137616		2.19	2450	1760	20	5.69	24.2	10.15	16.60	22.2	37.8	3.7	3.84	890	0.70	1030
D137617		2.40	3330	1645	240	6.46	21.5	9.17	15.00	21.8	34.9	4.2	3.69	855	0.66	1080
D137618		2.56	4920	1840	440	8.39	41.5	17.60	25.0	21.9	63.6	5.2	6.98	943	0.95	1330
D137619		2.35	5100	1535	270	10.70	28.1	12.05	17.30	22.9	41.9	4.0	4.64	818	0.73	1145
D137620		0.56	399	14.1	<10	0.43	0.44	0.15	0.18	0.4	0.54	0.1	0.08	9.0	0.02	7.7
D137621		1.76	2410	2260	120	4.11	46.8	19.85	27.1	19.3	68.3	4.3	7.60	1180	1.09	741
D137622		2.29	4020	2820	190	8.53	55.3	23.1	33.6	23.4	82.5	3.4	9.12	1445	1.20	1250
D137623		1.73	3380	1105	230	8.79	19.50	8.43	12.05	19.9	28.6	4.0	3.31	651	0.58	457
D137624		1.98	3370	960	330	6.93	14.70	6.86	9.49	20.1	22.3	5.1	2.49	571	0.53	429
D137625		<0.02	3310	944	340	6.80	14.70	6.71	9.38	20.0	21.8	5.0	2.45	563	0.53	415
D137626		1.98	4480	2550	240	6.98	54.8	24.1	32.3	21.9	80.9	4.2	9.26	1330	1.35	1105
D137627		1.53	4750	2450	260	6.54	51.4	22.2	30.0	25.3	73.6	6.4	8.54	1295	1.49	1355
D137628		1.60	2900	1715	150	6.97	27.2	12.15	17.75	18.8	41.5	5.2	4.60	883	0.73	935
D137629		2.99	4290	2160	230	8.88	34.7	14.95	21.8	23.2	51.9	7.0	5.72	1120	0.83	1345
D137630		0.08	8910	81.9	40	0.78	4.04	2.42	1.30	20.6	4.02	3.5	0.76	84.2	0.32	6.7
D137631		2.20	3150	1430	250	7.31	27.3	11.95	16.35	23.0	39.4	5.4	4.60	750	0.81	1350
D137632		1.63	1890	811	210	3.69	17.15	7.77	9.41	18.8	23.4	3.4	2.90	450	0.70	536
D137633		1.33	2690	899	200	5.12	18.00	9.19	9.70	21.2	22.8	7.3	3.10	504	0.91	1325



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137594		313	89.3	72.3	52.8	2	3450	3.4	5.34	203	1.54	3.18	424	36	102.5	10.10
D137595		386	110.0	107.0	56.1	2	3280	6.8	4.74	133.0	1.42	4.89	542	66	108.0	9.58
D137596		331	86.3	86.5	62.3	3	3650	5.6	5.91	225	2.14	4.74	504	29	162.5	13.95
D137597		286	74.5	77.4	50.1	3	2030	8.4	3.70	80.4	0.99	5.68	544	27	84.6	6.75
D137598		302	78.3	62.8	57.4	2	3750	4.2	4.59	79.1	1.26	2.16	418	20	105.5	7.88
D137599		298	83.7	77.2	52.1	2	3480	4.3	5.90	116.5	1.77	10.05	276	28	162.0	10.80
D137600		2.6	0.68	1.1	0.45	<1	128.5	<0.1	0.04	0.86	0.02	0.29	5	1	1.3	0.12
D137601		64.7	16.30	76.3	11.10	1	1170	3.8	0.96	7.59	0.28	1.73	199	11	23.6	1.61
D137602		145.5	38.7	106.0	23.6	2	2170	6.3	1.98	31.3	0.57	3.00	288	10	44.2	3.41
D137603		260	80.0	137.0	34.1	2	4820	7.1	2.49	44.9	0.73	2.00	298	9	59.9	4.19
D137604		292	87.5	120.5	41.0	1	3490	7.5	3.63	41.5	1.14	5.27	395	8	91.2	6.81
D137605		231	66.2	118.0	35.8	2	2580	7.8	2.96	49.5	0.87	5.82	355	6	68.9	4.92
D137606		252	72.1	119.5	40.3	2	2860	8.1	3.64	97.8	1.20	5.48	389	4	98.3	6.74
D137607		221	62.2	101.0	35.1	1	3410	6.6	3.28	81.1	1.02	5.11	345	6	82.0	5.77
D137608		179.5	50.7	97.9	28.6	2	2090	5.6	2.49	42.1	0.70	2.10	275	7	59.0	4.73
D137609		274	77.5	119.5	40.6	1	3710	6.2	2.91	43.0	0.82	4.91	286	13	69.5	5.23
D137610		2790	749	5.9	371	30	795	24.8	13.60	247	1.20	6.06	380	4	132.0	5.69
D137611		407	119.0	112.5	60.5	1	3870	6.3	5.36	130.0	1.80	8.88	294	10	144.0	10.25
D137612		477	142.0	218	67.1	2	>10000	4.9	6.08	132.0	1.75	5.44	186	5	152.5	9.53
D137613		394	116.0	220	56.2	2	7740	4.7	4.97	80.3	1.48	3.00	255	4	124.0	7.91
D137614		387	113.5	264	57.2	2	6760	5.8	5.25	174.5	1.61	9.28	209	6	137.0	8.27
D137615		482	153.0	278	58.7	3	2750	6.2	4.32	114.0	1.06	1.71	269	11	92.8	5.62
D137616		534	168.5	210	64.1	2	2700	5.6	4.70	122.0	1.17	1.37	280	22	96.6	6.35
D137617		498	157.5	246	58.8	2	2760	7.2	4.29	142.0	1.01	3.06	265	14	88.3	5.56
D137618		645	188.0	335	92.4	3	3690	17.3	7.92	503	1.95	28.5	286	7	175.5	9.78
D137619		495	149.5	361	66.0	2	4270	10.8	5.23	252	1.31	12.85	237	11	117.5	6.99
D137620		4.9	1.45	2.5	0.66	<1	172.0	0.1	0.08	2.56	0.02	0.57	29	1	2.4	0.14
D137621		765	226	142.0	103.5	2	4100	7.3	8.56	280	2.20	11.40	224	38	198.0	10.85
D137622		934	282	266	127.5	1	5750	12.2	10.60	390	2.57	19.05	200	7	228	11.95
D137623		331	103.0	264	44.6	2	3260	6.2	3.57	74.1	1.00	2.95	258	7	85.3	5.55
D137624		277	87.1	200	34.5	2	3430	5.8	2.74	52.2	0.85	2.54	318	17	68.5	4.78
D137625		274	86.1	201	35.2	2	3380	5.7	2.75	47.5	0.85	2.32	325	19	68.2	4.29
D137626		875	258	232	122.5	2	4140	10.2	10.50	450	2.71	16.40	247	9	239	13.85
D137627		827	245	249	115.0	2	5210	16.4	9.58	561	2.57	35.8	214	6	220	13.75
D137628		532	166.0	218	68.8	2	2630	9.9	5.31	198.0	1.34	7.54	218	7	115.5	6.65
D137629		686	211	278	87.4	3	4110	13.9	6.54	224	1.67	4.73	293	11	144.5	8.31
D137630		23.7	6.69	103.5	4.46	5	102.5	0.5	0.61	9.77	0.34	17.35	279	47	21.1	2.18
D137631		465	140.5	238	61.8	2	2230	15.6	5.09	365	1.34	18.45	346	9	110.0	6.96
D137632		262	78.0	160.0	36.0	2	1745	5.0	3.07	117.5	0.95	6.10	244	8	74.3	6.01
D137633		268	83.8	178.0	36.6	2	1700	6.4	3.22	175.5	1.15	7.37	319	11	79.7	7.27



ALS Canada Ltd.

2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137594		170	15.50	5.60	9.67	27.5	6.83	0.14	2.63	0.020	2.22	0.68	1.43	0.40	1.06	19.80
D137595		291	20.9	7.78	11.10	20.7	8.62	0.31	4.04	0.019	3.04	0.55	2.18	0.38	1.26	13.25
D137596		327	20.5	6.29	12.40	22.0	8.97	0.22	3.31	0.027	2.39	0.65	1.83	0.42	1.66	13.00
D137597		316	25.7	6.88	15.60	18.30	10.70	0.12	3.44	0.039	3.25	0.50	1.84	0.24	0.85	6.29
D137598		168	21.4	6.00	13.35	23.2	7.58	0.32	2.84	0.019	2.89	0.57	1.80	0.44	0.79	11.50
D137599		157	19.50	6.14	10.90	24.8	8.30	0.40	2.87	0.023	1.85	0.64	2.21	0.41	0.89	16.55
D137600		4	21.6	0.07	0.17	25.9	18.50	0.03	0.03	<0.002	0.02	0.05	0.02	0.02	0.16	32.6
D137601		124	37.4	9.07	11.90	14.40	11.85	1.11	2.85	0.076	1.57	0.23	0.59	0.13	0.25	7.43
D137602		318	34.4	9.30	11.30	15.50	12.00	0.97	3.95	0.064	1.85	0.33	1.22	0.25	0.38	7.44
D137603		174	28.4	7.55	11.25	17.05	11.60	0.59	4.77	0.069	2.20	0.45	0.95	0.57	0.60	9.69
D137604		236	27.4	7.76	10.90	18.45	10.45	0.58	4.59	0.044	2.44	0.44	1.34	0.41	0.63	15.55
D137605		253	34.4	10.80	12.00	15.05	9.20	1.04	4.70	0.033	2.51	0.42	1.28	0.30	0.45	5.66
D137606		256	33.9	11.55	12.10	15.50	7.25	1.18	4.93	0.015	2.12	0.50	1.67	0.33	0.41	6.46
D137607		138	30.3	9.45	14.75	15.30	7.07	1.32	4.34	0.018	1.95	0.55	1.21	0.39	0.46	7.30
D137608		233	41.9	12.85	9.45	12.95	6.07	2.23	4.45	0.017	1.49	0.37	1.34	0.24	0.29	5.28
D137609		236	30.6	9.94	9.54	17.95	8.26	1.01	4.93	0.020	1.55	0.43	1.63	0.43	0.71	10.40
D137610		602	28.7	11.30	49.4	1.78	1.81	0.24	0.13	0.087	3.07	0.13	1.13	0.09	0.12	1.06
D137611		242	19.20	5.63	10.70	24.8	8.21	0.26	3.46	0.029	1.88	0.44	2.55	0.45	0.42	17.80
D137612		129	18.65	5.44	12.20	25.1	6.67	0.24	4.03	0.024	1.90	0.38	2.63	1.32	0.42	16.35
D137613		145	22.2	6.77	13.45	21.7	7.88	0.35	4.45	0.034	2.19	0.48	1.68	0.89	0.40	15.35
D137614		144	21.3	6.07	16.25	18.90	8.11	0.22	4.44	0.025	2.39	0.43	2.62	0.79	0.39	11.55
D137615		204	32.8	11.85	13.15	10.45	7.92	1.73	5.13	0.005	3.20	0.40	2.37	0.32	0.33	7.63
D137616		190	30.5	10.70	15.85	11.80	7.18	1.72	4.36	0.003	3.04	0.40	2.95	0.31	0.27	7.89
D137617		210	31.3	10.00	15.35	10.80	9.22	1.56	4.79	0.036	2.89	0.47	2.05	0.31	0.36	7.64
D137618		374	29.2	7.61	17.50	11.85	11.60	0.51	5.68	0.065	2.50	0.56	4.64	0.42	0.51	4.50
D137619		282	30.2	9.15	15.70	11.70	10.80	0.88	5.84	0.041	2.76	0.50	2.84	0.50	0.54	6.88
D137620		4	21.1	0.10	0.24	28.1	18.80	0.04	0.05	0.002	0.02	0.06	0.03	0.02	0.04	32.1
D137621		350	22.7	6.32	13.90	17.05	8.80	1.08	2.91	0.019	1.88	0.47	5.42	0.47	0.27	16.25
D137622		274	27.0	8.22	12.90	17.05	8.54	0.88	4.70	0.028	1.98	0.42	6.48	0.65	0.41	7.21
D137623		211	31.6	10.40	13.60	13.30	9.52	1.08	5.06	0.036	2.64	0.44	1.90	0.38	0.38	8.06
D137624		245	30.6	10.20	13.15	13.00	9.53	1.10	4.80	0.051	2.50	0.42	1.20	0.41	0.38	12.10
D137625		250	29.8	10.10	12.95	12.60	9.21	1.08	4.69	0.050	2.52	0.41	1.23	0.39	0.36	12.35
D137626		358	22.1	6.19	15.40	18.20	9.13	0.39	4.10	0.036	2.05	0.51	5.82	0.47	0.46	11.85
D137627		562	27.4	7.58	12.50	16.95	10.25	0.46	5.25	0.040	1.92	0.47	5.20	0.60	0.49	8.41
D137628		342	23.7	6.81	13.55	20.6	7.53	0.77	3.93	0.023	2.19	0.58	2.61	0.29	0.31	14.25
D137629		441	30.6	8.79	15.10	14.00	9.17	1.13	4.81	0.033	2.96	0.52	2.96	0.47	0.44	6.89
D137630		137	42.0	10.95	24.2	5.86	2.10	1.85	4.04	0.007	0.87	0.32	0.18	0.01	0.94	5.54
D137631		367	30.4	9.75	16.60	11.70	8.72	0.99	4.40	0.037	2.31	0.39	2.55	0.25	0.34	8.90
D137632		234	35.4	10.95	16.75	9.41	8.83	1.55	3.76	0.035	1.55	0.31	1.54	0.21	0.22	8.88
D137633		710	35.2	11.25	15.90	9.68	8.69	1.63	4.23	0.030	1.55	0.39	0.61	0.19	0.30	9.77



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137594		93.48	<0.5	30	<0.5	49	120	70	56	126	41	23	<10	243	0.007
D137595		94.13	<0.5	37	<0.5	63	149	120	455	152	38	22	<10	159	0.013
D137596		93.67	<0.5	31	<0.5	60	73	90	85	169	96	23	<10	346	0.010
D137597		93.75	<0.5	26	<0.5	62	101	40	33	202	123	23	<10	384	0.010
D137598		92.70	<0.5	21	0.7	45	61	70	65	82	96	19	<10	453	0.010
D137599		95.48	<0.5	28	<0.5	44	88	70	123	152	70	16	<10	235	0.005
D137600		99.17	<0.5	<5	<0.5	2	2	10	1	<1	2	<1	<10	15	0.005
D137601		98.86	<0.5	17	<0.5	58	69	50	430	390	30	25	<10	132	0.005
D137602		98.95	<0.5	10	<0.5	47	81	80	86	290	37	24	<10	178	<0.005
D137603		95.74	<0.5	6	<0.5	57	142	60	16	247	66	27	<10	235	<0.005
D137604		100.98	<0.5	21	<0.5	42	103	70	13	151	131	23	<10	158	<0.005
D137605		97.84	<0.5	14	<0.5	48	106	110	29	145	99	21	<10	186	<0.005
D137606		97.92	<0.5	21	<0.5	35	60	90	34	70	75	15	<10	284	<0.005
D137607		94.41	<0.5	25	0.6	51	107	80	31	99	147	13	<10	296	0.006
D137608		98.93	<0.5	11	<0.5	30	42	80	54	73	29	15	<10	192	0.005
D137609		97.40	<0.5	18	<0.5	39	55	60	45	133	58	13	<10	175	0.005
D137610		99.05	<0.5	45	<0.5	23	65	10	52	149	123	51	<10	265	NSS
D137611		95.83	<0.5	16	<0.5	43	63	40	26	126	33	13	<10	159	0.005
D137612		95.35	<0.5	8	0.5	74	96	60	10	153	41	10	<10	243	<0.005
D137613		97.82	<0.5	13	0.5	53	58	60	29	130	32	11	<10	292	<0.005
D137614		93.49	<0.5	28	1.6	100	150	50	236	205	58	11	<10	446	<0.005
D137615		97.29	<0.5	16	<0.5	54	63	120	18	67	24	11	<10	270	<0.005
D137616		96.97	<0.5	26	1.0	73	76	80	21	65	26	12	<10	225	0.005
D137617		96.78	<0.5	26	0.9	62	93	80	22	119	17	18	<10	356	<0.005
D137618		97.15	<0.5	27	0.8	57	79	50	8	180	19	17	<10	540	<0.005
D137619		98.33	<0.5	26	0.8	58	75	50	9	152	24	14	<10	532	<0.005
D137620		100.70	<0.5	<5	<0.5	2	1	10	<1	1	19	<1	<10	23	<0.005
D137621		97.54	<0.5	43	0.8	60	109	40	9	173	20	11	<10	286	0.009
D137622		96.47	<0.5	31	1.6	59	79	60	13	161	24	10	<10	591	0.005
D137623		98.40	<0.5	13	<0.5	48	56	70	12	139	19	16	<10	314	0.006
D137624		99.44	<0.5	97	<0.5	51	48	70	18	185	36	24	<10	197	0.005
D137625		97.74	<0.5	91	<0.5	51	47	70	17	181	34	24	<10	192	0.005
D137626		96.71	<0.5	22	1.3	88	127	30	17	157	23	11	<10	358	<0.005
D137627		97.52	<0.5	25	0.9	54	111	60	22	107	23	18	<10	404	0.006
D137628		97.14	<0.5	17	<0.5	40	48	40	13	75	8	15	<10	216	<0.005
D137629		97.87	<0.5	16	0.8	53	115	50	21	95	23	20	<10	473	<0.005
D137630		98.87	<0.5	160	<0.5	199	2870	20	60	74	4	16	<10	23	0.175
D137631		97.34	<0.5	19	0.5	53	82	80	14	125	13	17	<10	332	<0.005
D137632		99.40	<0.5	22	<0.5	46	66	90	20	162	10	19	<10	146	0.005
D137633		99.42	<0.5	17	0.7	57	97	100	44	184	15	19	<10	238	0.005



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	
D137634		2.23	2240	588	200	4.82	22.6	11.50	10.90	19.7	26.1	16.9	4.22	275	1.19	1095
D137635		1.89	4150	1785	220	9.30	25.0	11.40	14.60	21.3	36.0	4.4	4.26	1095	0.88	1010
D137636		2.06	2540	1110	200	5.37	18.15	8.64	10.75	19.3	24.7	6.8	3.22	600	0.94	1210
D137637		2.42	4620	878	280	8.37	16.00	7.04	9.54	19.4	22.8	3.4	2.64	488	0.53	439
D137638		2.43	3210	986	280	4.88	21.6	9.98	13.85	19.6	34.7	5.5	3.90	542	0.74	689
D137639		2.28	3910	577	580	4.78	12.60	6.03	7.75	15.4	19.35	4.6	2.25	320	0.50	230
D137640		0.69	177.5	5.5	<10	0.39	0.18	0.09	0.07	0.2	0.24	<0.1	0.03	3.6	0.01	2.1
D137641		2.29	4120	433	750	4.40	8.07	3.80	5.36	14.4	13.65	5.6	1.50	248	0.55	272
D137642		2.01	4190	1100	420	7.95	27.3	12.45	15.25	17.9	39.4	4.8	4.92	616	0.87	887
D137643		1.81	3430	1680	250	5.80	26.3	11.85	17.15	19.7	40.9	5.1	4.70	858	0.86	1310
D137644		2.01	4970	916	260	6.59	19.00	8.38	11.20	16.9	28.0	4.7	3.42	510	0.62	466
D137645		2.25	4070	687	280	5.66	14.25	6.46	8.39	17.4	21.5	4.4	2.50	408	0.53	448
D137646		2.20	3060	856	300	5.41	24.4	10.40	12.50	18.9	34.1	5.0	4.31	467	0.73	614
D137647		2.55	4160	742	320	7.30	18.30	8.21	9.48	21.6	24.4	6.1	3.29	427	0.64	687
D137648		2.81	2550	414	300	5.59	12.05	5.18	6.79	17.6	16.70	5.1	2.08	210	0.60	356
D137649		1.40	2650	263	290	4.86	7.63	2.99	4.83	16.7	11.25	4.0	1.22	151.0	0.38	225
D137650		0.02	1110	4980	600	0.48	54.5	13.00	80.7	48.5	160.0	13.6	6.81	3720	0.65	1535



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137634		222	61.3	159.0	37.5	3	2010	4.5	3.84	108.5	1.45	6.67	398	9	93.8	9.76
D137635		496	160.5	295	61.5	2	3810	6.4	4.56	155.0	1.41	3.70	246	6	112.5	7.64
D137636		335	105.0	180.5	41.9	2	2990	7.3	3.33	136.0	1.10	3.63	252	10	79.9	7.28
D137637		273	84.1	311	36.6	1	2630	4.7	2.96	67.0	0.82	1.69	201	7	69.5	4.47
D137638		348	98.9	181.5	48.0	2	3960	8.1	4.59	73.8	1.17	5.23	357	13	92.7	5.95
D137639		186.0	54.3	193.5	26.0	2	3830	5.1	2.64	34.6	0.68	2.20	335	6	57.4	4.01
D137640		1.8	0.55	2.0	0.27	<1	178.0	0.1	0.03	0.39	0.02	0.77	7	<1	0.9	0.09
D137641		142.5	40.4	142.0	19.65	1	3000	7.3	1.71	22.3	0.56	3.78	486	16	39.7	3.46
D137642		371	108.0	264	52.4	2	3930	9.8	5.31	247	1.48	14.45	292	8	117.0	7.85
D137643		530	162.5	207	63.9	1	2900	11.2	5.56	218	1.36	10.70	230	11	109.5	7.18
D137644		302	89.0	242	39.4	2	2630	7.8	3.72	65.9	1.02	2.96	295	10	81.8	5.28
D137645		223	66.3	168.0	31.2	1	1430	5.6	2.80	44.7	0.72	2.94	311	15	61.4	4.50
D137646		299	84.9	185.0	44.0	2	1210	6.4	4.79	88.4	1.19	5.92	349	11	100.5	6.02
D137647		245	71.4	264	33.9	2	2420	7.3	3.50	80.9	0.98	5.11	352	11	79.3	5.36
D137648		149.5	41.2	132.0	22.2	2	1900	9.1	2.38	54.3	0.60	3.56	330	9	51.4	3.97
D137649		104.0	28.3	125.5	15.05	1	1150	6.2	1.49	15.00	0.44	4.30	313	11	31.6	2.56
D137650		2850	739	6.1	361	30	790	24.8	14.35	251	1.20	6.32	401	3	131.0	5.69



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	
D137634	1690	37.1	11.00	11.95	11.75	7.45	2.41	3.87	0.029	1.90	0.42	0.28	0.23	0.24	7.67	
D137635	373	31.7	9.24	12.55	12.80	9.44	1.39	5.36	0.033	2.06	0.47	1.86	0.44	0.42	8.18	
D137636	669	35.5	10.70	11.40	13.15	7.96	2.48	4.18	0.029	1.92	0.39	0.74	0.35	0.28	7.81	
D137637	185	33.3	10.10	14.70	10.60	10.85	1.10	5.86	0.041	2.30	0.45	1.56	0.30	0.47	5.21	
D137638	324	29.1	8.44	14.75	15.15	9.52	0.98	4.69	0.041	3.36	0.51	3.03	0.45	0.34	6.36	
D137639	230	30.4	8.14	13.05	15.05	12.35	0.59	5.24	0.081	2.20	0.43	1.30	0.45	0.39	8.58	
D137640	2	11.00	0.08	0.16	29.4	21.4	0.03	0.04	<0.002	0.02	0.06	0.02	0.02	0.02	38.1	
D137641	350	29.5	7.50	9.93	18.45	12.70	0.57	4.40	0.098	1.78	0.37	0.91	0.35	0.41	11.35	
D137642	417	25.1	7.22	12.80	16.90	10.60	0.36	5.05	0.060	2.00	0.46	2.39	0.45	0.42	13.50	
D137643	388	29.8	9.44	13.45	14.35	7.61	1.80	4.16	0.037	2.17	0.37	2.48	0.33	0.36	9.56	
D137644	281	26.0	9.25	13.60	14.50	10.75	0.65	4.84	0.036	2.34	0.44	1.68	0.30	0.50	14.05	
D137645	261	28.5	8.86	13.65	13.00	10.65	0.39	5.00	0.041	2.71	0.44	1.27	0.16	0.41	12.20	
D137646	284	27.9	8.65	15.20	12.40	9.19	0.44	4.98	0.043	3.18	0.51	2.37	0.13	0.32	10.70	
D137647	400	31.7	9.63	14.25	11.50	11.15	0.72	5.85	0.045	3.22	0.42	1.35	0.28	0.42	8.11	
D137648	301	33.6	10.45	12.25	13.80	10.20	1.17	4.23	0.041	2.45	0.30	0.84	0.22	0.27	8.26	
D137649	207	29.2	10.90	14.15	12.55	9.40	0.76	4.16	0.041	2.20	0.31	0.96	0.13	0.28	13.55	
D137650	602	28.3	11.35	50.2	1.84	1.83	0.23	0.15	0.085	3.09	0.12	1.13	0.09	0.12	1.01	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137634		96.30	<0.5	14	0.9	60	104	90	52	175	16	22	<10	197	0.006
D137635		95.94	<0.5	15	0.6	52	75	50	34	138	32	15	<10	306	<0.005
D137636		96.89	<0.5	20	0.5	53	81	70	33	140	19	19	<10	213	<0.005
D137637		96.84	<0.5	14	0.8	57	79	60	23	180	17	16	<10	348	<0.005
D137638		96.72	<0.5	21	0.7	52	90	60	15	161	19	14	<10	381	<0.005
D137639		98.25	<0.5	11	<0.5	47	64	50	16	268	29	22	<10	329	<0.005
D137640		100.35	<0.5	<5	<0.5	2	2	10	<1	<1	3	<1	<10	20	<0.005
D137641		98.32	<0.5	28	<0.5	46	59	30	15	270	66	27	<10	179	<0.005
D137642		97.31	<0.5	21	0.7	44	57	30	22	195	28	15	<10	432	0.006
D137643		95.92	<0.5	17	2.2	75	146	60	53	173	67	14	<10	445	0.008
D137644		98.94	<0.5	18	1.1	43	78	50	51	122	19	20	<10	588	<0.005
D137645		97.28	<0.5	24	<0.5	62	99	40	40	205	19	16	<10	212	0.006
D137646		96.01	<0.5	23	<0.5	72	120	50	29	278	18	18	<10	195	0.005
D137647		98.65	<0.5	19	<0.5	56	79	70	26	162	14	21	<10	313	<0.005
D137648		98.08	<0.5	12	<0.5	60	79	60	13	251	14	23	<10	148	<0.005
D137649		98.59	<0.5	13	<0.5	74	94	60	19	334	17	19	<10	113	<0.005
D137650		99.55	0.6	41	<0.5	19	58	10	48	138	110	47	<10	247	NSS



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 6-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21242009
--

	CERTIFICATE COMMENTS															
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>NSS is non-sufficient sample. ALL METHODS</p>															
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA23</td> <td style="width: 33%;">ME-4ACD81</td> <td style="width: 33%;">ME-ICP06</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">ME-MS81</td> </tr> <tr> <td>OA-GRA05</td> <td>TOT-ICP06</td> <td></td> <td></td> <td></td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06		ME-MS81	OA-GRA05	TOT-ICP06								
Au-AA23	ME-4ACD81	ME-ICP06		ME-MS81												
OA-GRA05	TOT-ICP06															
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td></td> <td style="text-align: right;">PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21		LOG-21d	LOG-23	PUL-31	PUL-31d		PUL-QC	SPL-21	SPL-21d	WEI-21		
CRU-31	CRU-QC	LOG-21		LOG-21d												
LOG-23	PUL-31	PUL-31d		PUL-QC												
SPL-21	SPL-21d	WEI-21														



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

CERTIFICATE TM21248392

Project: HK

This report is for 241 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 16-SEP-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Nb-XRF10	Fusion XRF - Nb Ore Grade	
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D137651		1.75	7430	1375	480	7.82	27.5	10.90	16.20	23.9	43.4	5.1	4.40	732	0.96	1310
D137652		1.46	6610	1925	430	7.30	38.5	15.65	21.7	27.1	59.3	6.3	6.19	992	1.28	647
D137653		1.96	6930	978	240	7.93	23.4	9.82	11.80	21.1	32.6	5.5	3.86	533	0.86	537
D137654		1.79	1920	1005	310	4.65	18.95	7.84	11.40	16.1	29.0	4.8	3.01	510	0.66	289
D137655		2.08	2660	1230	250	4.52	24.7	10.20	14.15	17.7	38.0	5.7	4.01	654	0.85	341
D137656		2.31	5210	1420	300	5.81	29.3	12.20	17.10	20.1	45.2	6.0	4.81	780	1.01	424
D137657		2.26	2140	407	220	3.49	10.05	3.50	6.00	14.1	16.35	4.7	1.56	201	0.34	226
D137658		2.31	3510	1750	220	3.95	29.6	11.80	18.30	18.4	46.8	3.4	4.69	986	0.96	360
D137659		1.95	3870	910	200	4.75	17.40	7.11	11.15	15.2	29.1	3.6	2.82	554	0.58	277
D137660		0.33	238	11.3	<10	0.33	0.33	0.09	0.14	0.3	0.42	0.1	0.05	6.7	0.02	3.7
D137661		2.55	3860	3250	150	6.79	43.2	17.20	29.2	24.0	70.8	2.9	6.86	2000	1.26	477
D137662		2.37	6100	1975	250	3.87	38.1	15.65	22.9	20.3	58.9	5.1	6.12	1090	1.16	580
D137663		2.06	7420	1890	280	5.32	37.9	15.30	22.7	22.9	58.0	4.9	5.97	984	1.16	1045
D137664		3.11	5970	1830	280	4.08	33.3	13.35	20.6	21.0	51.9	4.2	5.33	1005	1.09	545
D137665		0.94	1285	181.5	280	1.57	5.60	2.28	2.91	16.6	7.88	3.3	0.91	91.3	0.26	101.5
D137666		2.02	5570	592	380	1.54	13.95	5.86	7.62	21.5	19.65	5.9	2.38	312	0.60	568
D137667		2.42	968	119.0	390	0.49	4.53	1.98	2.20	16.1	6.00	2.8	0.75	61.1	0.25	66.3
D137668		2.01	2600	592	90	2.50	13.00	5.81	7.09	16.6	18.40	5.2	2.16	341	0.74	597
D137669		3.36	9080	1560	530	4.57	30.7	12.45	17.85	22.9	47.0	4.2	4.89	804	1.11	1360
D137670		0.06	8680	82.3	50	0.71	3.77	2.25	1.02	19.3	4.15	3.7	0.73	87.7	0.35	8.4
D137671		2.30	>10000	2530	350	4.23	49.0	19.50	27.9	24.4	77.2	4.3	7.91	1350	1.42	889
D137672		2.47	6040	1580	300	4.83	30.4	12.75	17.05	22.8	45.5	5.5	4.82	867	1.13	801
D137673		1.89	9050	1695	290	5.89	33.6	14.20	19.35	21.4	52.2	5.9	5.55	927	1.14	673
D137674		2.36	9870	1550	310	7.52	31.1	12.70	17.60	21.2	46.1	4.8	5.13	869	0.97	531
D137675		<0.02	9670	1665	310	7.68	31.0	13.50	18.85	21.2	47.4	4.7	5.44	927	1.04	554
D137676		2.27	9420	2050	330	5.49	36.9	16.45	23.0	21.6	57.6	5.1	6.64	1115	1.36	567
D137677		2.17	6660	1330	320	4.68	24.0	10.95	14.75	19.9	37.3	5.2	4.24	719	0.95	705
D137678		2.06	5990	1640	280	4.56	29.9	13.80	17.75	22.9	45.2	4.2	5.44	921	1.08	437
D137679		2.19	9400	1980	450	5.67	34.5	15.85	21.8	21.8	53.4	4.5	6.19	1115	1.19	430
D137680		0.26	229	13.9	<10	0.46	0.30	0.16	0.16	0.3	0.45	0.1	0.06	7.7	0.02	3.6
D137681		2.30	7190	1525	360	5.21	26.9	12.40	17.35	20.2	42.2	5.3	4.81	832	1.07	553
D137682		2.30	5230	866	330	3.93	17.60	7.96	10.70	18.0	26.4	5.6	3.12	464	0.84	585
D137683		2.19	5290	1150	330	4.62	22.8	9.89	14.00	19.4	35.4	6.1	4.00	595	0.93	677
D137684		2.34	1740	1630	310	1.99	29.9	13.45	19.05	16.9	47.8	4.8	5.26	872	1.27	689
D137685		1.97	7210	491	410	5.83	10.20	4.75	6.09	17.9	15.35	4.4	1.85	267	0.55	667
D137686		2.23	>10000	1025	350	6.84	19.90	8.82	12.25	20.0	31.2	5.1	3.49	523	0.75	822
D137687		2.23	8380	1540	390	5.11	27.8	12.00	16.95	20.9	43.3	5.5	4.88	818	1.03	543
D137688		2.19	>10000	528	370	6.41	11.20	4.94	6.43	18.9	16.00	5.1	1.98	279	0.54	723
D137689		2.08	3540	856	360	3.33	18.55	8.64	11.05	16.7	27.4	6.4	3.36	456	0.92	587
D137690		<0.02	1005	5100	620	0.41	48.9	11.55	73.7	53.0	151.5	13.4	6.20	3790	0.63	1510



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137651		492	142.0	287	67.8	4	932	22.3	5.05	129.5	1.35	12.70	363	28	115.0	7.34
D137652		664	188.5	255	91.3	4	1560	15.0	6.86	112.0	1.88	9.96	341	8	176.5	10.40
D137653		328	95.9	266	46.6	3	1115	13.8	4.11	45.6	1.33	8.75	181	3	113.0	7.03
D137654		338	98.1	135.0	45.5	2	1435	9.0	3.45	21.7	0.98	6.21	262	6	84.2	5.38
D137655		427	123.0	134.0	58.9	2	1770	9.7	4.57	31.5	1.27	8.38	220	5	113.5	6.97
D137656		495	141.5	180.5	68.8	3	2040	10.0	5.37	60.6	1.49	8.02	233	3	140.0	8.37
D137657		166.0	43.0	96.2	25.6	1	1715	11.2	1.88	25.1	0.43	6.28	197	6	39.9	2.49
D137658		578	170.0	158.5	77.3	2	2810	12.2	5.41	37.2	1.53	6.06	209	7	135.5	8.10
D137659		304	87.4	156.0	43.2	2	3120	11.5	3.35	29.1	0.88	5.56	197	9	77.4	4.85
D137660		4.3	1.14	2.3	0.63	<1	152.5	0.2	0.05	0.56	0.01	0.70	10	1	1.4	0.12
D137661		1005	316	183.5	124.5	2	4420	5.7	8.02	53.1	2.20	5.50	162	5	174.5	11.25
D137662		667	195.5	207	91.4	3	3230	12.7	6.98	92.7	1.94	14.15	217	5	175.0	10.00
D137663		660	191.0	251	92.1	5	2900	21.2	6.93	142.0	1.92	36.6	276	3	169.0	9.89
D137664		616	179.0	179.5	83.1	3	2290	10.1	6.02	49.1	1.69	9.63	191	12	154.0	8.97
D137665		73.4	20.1	61.9	11.25	1	987	3.8	0.94	6.40	0.30	2.91	242	4	27.4	1.92
D137666		211	60.3	94.8	30.4	2	1375	8.3	2.47	39.5	0.82	9.45	283	19	64.2	4.72
D137667		50.5	13.50	26.7	8.13	1	936	2.9	0.76	4.16	0.28	1.88	228	2	21.6	1.75
D137668		195.0	57.0	78.1	27.2	2	1705	17.2	2.22	109.5	0.86	56.3	117	6	63.8	5.38
D137669		545	157.5	220	75.3	3	2160	35.1	5.57	219	1.53	52.3	303	8	135.0	8.64
D137670		22.2	6.62	108.5	4.69	6	104.5	0.6	0.56	9.33	0.31	17.05	328	45	21.2	2.07
D137671		870	264	211	118.5	2	2390	22.1	8.89	156.0	2.35	39.7	242	16	222	12.45
D137672		531	155.5	243	72.6	4	3540	16.4	5.46	98.5	1.60	14.95	296	13	141.0	9.22
D137673		584	169.5	291	80.9	4	3390	9.5	6.04	109.5	1.77	7.24	267	4	156.5	9.53
D137674		528	154.5	304	71.4	3	2260	8.2	5.47	78.3	1.58	6.51	249	3	141.0	8.49
D137675		515	172.5	303	72.0	3	2380	7.3	6.09	75.3	1.65	6.50	224	3	148.5	8.80
D137676		636	213	216	89.9	4	2510	9.6	7.24	63.5	2.01	7.57	248	2	184.0	10.85
D137677		418	130.0	207	58.9	4	2080	11.3	4.71	69.1	1.35	7.28	234	6	116.0	7.34
D137678		504	169.0	221	70.3	3	2930	6.1	5.79	55.3	1.69	23.8	209	6	149.5	8.88
D137679		624	204	220	83.4	3	2430	8.4	6.75	58.9	1.95	12.35	225	3	178.5	10.15
D137680		4.5	1.44	2.5	0.60	<1	146.5	0.1	0.06	0.59	0.02	0.42	9	1	1.8	0.13
D137681		468	156.0	195.0	65.4	4	2570	7.9	5.32	44.5	1.58	5.35	268	2	133.0	8.29
D137682		287	86.9	149.5	41.9	5	2130	7.8	3.44	52.5	1.04	5.04	301	3	85.3	6.23
D137683		380	116.0	168.0	54.9	5	2030	11.5	4.45	85.8	1.24	9.30	314	2	105.0	6.73
D137684		526	173.5	59.2	74.8	3	6310	16.7	5.92	115.5	1.67	25.2	199	5	143.0	9.24
D137685		159.0	48.5	202	23.6	4	2020	9.9	1.97	49.9	0.64	8.03	247	2	49.2	3.84
D137686		343	103.0	294	49.7	4	1460	12.2	3.99	80.4	1.10	11.15	253	2	93.8	5.83
D137687		489	163.5	191.5	69.1	3	1525	11.7	5.56	94.6	1.51	5.76	297	2	132.5	8.11
D137688		170.5	52.5	284	25.0	4	1375	10.9	2.11	42.8	0.65	8.20	252	2	52.2	3.80
D137689		285	86.6	124.5	42.2	4	2820	11.8	3.61	75.6	1.12	18.50	255	3	88.8	6.60
D137690		2610	756	6.0	355	29	763	23.6	13.15	241	1.11	5.85	399	3	132.0	5.15



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	
D137651		403	32.3	10.05	21.6	6.45	10.90	0.16	4.25	0.062	3.16	0.41	1.79	0.10	0.79	7.82
D137652		434	31.8	12.80	19.40	5.91	10.30	0.19	4.81	0.054	2.52	0.34	2.86	0.18	0.69	7.07
D137653		439	40.1	15.90	14.65	2.99	9.77	0.32	5.27	0.031	1.66	0.28	1.38	0.12	0.73	7.48
D137654		279	29.0	8.21	15.00	11.95	14.10	0.10	2.25	0.040	1.87	0.22	2.09	0.16	0.21	13.40
D137655		368	27.5	8.57	16.15	12.10	14.05	0.15	2.64	0.034	1.89	0.24	2.61	0.20	0.29	12.65
D137656		381	29.0	9.73	16.20	10.50	13.65	0.19	3.72	0.039	2.10	0.31	2.34	0.23	0.55	10.25
D137657		267	28.9	9.12	13.85	13.95	14.85	0.18	2.71	0.029	2.06	0.16	2.34	0.19	0.23	10.85
D137658		199	27.7	8.93	14.55	13.55	12.30	0.62	3.47	0.029	1.93	0.28	2.58	0.32	0.37	11.40
D137659		201	27.0	8.45	13.50	14.90	12.05	0.25	3.51	0.028	1.84	0.25	2.21	0.37	0.41	13.45
D137660		3	6.02	0.12	0.21	29.1	21.2	0.03	0.05	<0.002	0.02	0.06	0.04	0.01	0.03	41.9
D137661		209	19.75	5.95	10.50	24.5	7.53	0.30	3.17	0.021	1.24	0.71	2.24	0.51	0.41	19.75
D137662		330	27.9	8.66	13.25	17.20	10.95	0.44	4.21	0.034	1.89	0.49	2.81	0.37	0.64	10.10
D137663		332	30.6	9.09	16.45	13.20	11.00	0.61	4.48	0.037	2.10	0.66	2.12	0.33	0.78	7.33
D137664		327	29.2	8.37	11.25	16.55	9.54	0.34	3.55	0.036	1.82	0.61	1.95	0.26	0.62	14.05
D137665		181	37.6	13.45	12.95	9.49	5.06	0.78	2.15	0.036	1.59	0.16	1.21	0.11	0.14	14.90
D137666		384	33.0	11.95	13.40	12.60	7.04	0.57	2.38	0.050	2.10	0.43	0.93	0.16	0.60	15.15
D137667		144	38.5	13.70	10.80	12.40	5.95	1.69	1.12	0.051	1.48	0.17	0.80	0.10	0.11	13.00
D137668		649	37.0	13.10	8.03	13.45	4.53	2.49	2.40	0.012	0.49	0.36	0.42	0.19	0.28	15.85
D137669		359	28.5	8.71	11.95	15.00	10.05	0.44	4.18	0.071	2.41	0.59	1.62	0.25	0.96	11.35
D137670		145	42.2	11.05	24.7	6.15	2.15	1.82	4.08	0.006	0.91	0.32	0.20	0.01	0.93	5.83
D137671		269	26.5	8.97	10.25	15.05	11.25	0.38	4.55	0.049	2.23	0.52	3.04	0.28	1.29	11.30
D137672		391	28.4	9.22	13.70	16.45	8.32	0.64	4.55	0.039	2.23	0.64	1.80	0.40	0.63	12.95
D137673		380	30.2	9.06	14.60	14.00	11.35	0.51	5.17	0.038	2.00	0.77	1.92	0.38	0.95	9.52
D137674		283	30.4	9.39	14.35	11.40	13.70	0.39	5.51	0.041	2.01	0.77	1.55	0.26	1.04	8.49
D137675		287	30.7	9.29	14.35	11.70	13.70	0.40	5.87	0.042	1.95	0.78	1.51	0.27	1.10	8.58
D137676		332	34.3	10.10	15.85	12.65	12.65	0.75	4.58	0.046	2.12	0.73	2.03	0.28	1.09	4.40
D137677		333	29.2	9.17	14.75	13.60	11.70	0.51	4.35	0.044	2.04	0.80	1.04	0.24	0.78	12.20
D137678		301	24.6	7.70	13.20	17.70	10.80	0.36	4.51	0.039	1.75	0.77	1.28	0.33	0.69	15.60
D137679		296	32.4	8.45	14.30	13.30	14.45	0.41	4.64	0.060	1.90	0.67	2.08	0.28	1.09	5.40
D137680		4	15.70	0.12	0.18	29.3	21.3	0.05	0.06	<0.002	0.02	0.06	0.03	0.01	0.03	33.5
D137681		337	34.4	9.46	16.80	12.80	11.55	0.89	3.97	0.048	2.23	0.81	1.31	0.29	0.83	3.81
D137682		387	35.0	9.59	17.45	12.90	10.30	1.25	3.31	0.046	2.15	0.83	0.90	0.24	0.60	4.49
D137683		404	35.8	10.10	16.85	12.30	10.40	1.12	3.61	0.044	2.25	0.81	1.19	0.23	0.61	3.71
D137684		365	29.6	6.51	12.95	24.2	6.79	1.36	1.84	0.042	1.30	0.64	2.50	0.71	0.20	11.50
D137685		313	36.4	10.25	15.15	11.60	11.50	1.23	4.02	0.054	1.94	0.71	0.43	0.22	0.82	5.07
D137686		328	34.8	9.80	15.50	10.60	13.55	0.54	5.32	0.047	2.18	0.70	1.26	0.16	1.24	4.29
D137687		375	36.9	10.35	14.60	11.60	13.30	0.99	4.27	0.052	2.20	0.68	1.43	0.17	0.97	2.92
D137688		336	35.5	10.65	13.70	10.30	13.55	0.73	5.52	0.049	2.18	0.63	0.53	0.16	1.31	5.60
D137689		451	34.4	9.59	12.75	17.05	8.97	1.35	3.28	0.047	1.71	0.64	1.06	0.32	0.41	9.10
D137690		639	28.6	11.10	50.0	1.85	1.83	0.23	0.15	0.085	3.05	0.12	1.13	0.09	0.12	1.15



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137651		99.84	<0.5	6	<0.5	50	85	50	3	357	5	26	<10	373	<0.005	
D137652		98.92	<0.5	8	<0.5	43	40	70	2	254	5	27	<10	302	<0.005	
D137653		100.68	<0.5	7	<0.5	40	29	110	2	173	2	18	<10	231	0.005	
D137654		98.60	<0.5	6	<0.5	74	79	70	3	289	5	25	<10	155	0.005	
D137655		99.07	<0.5	5	<0.5	68	62	80	2	251	4	26	<10	157	<0.005	
D137656		98.81	<0.5	9	<0.5	55	47	90	1	218	6	27	<10	202	<0.005	
D137657		99.42	<0.5	<5	<0.5	61	80	70	1	190	2	27	<10	106	0.005	
D137658		98.03	<0.5	6	<0.5	47	61	70	2	179	8	20	<10	144	<0.005	
D137659		98.22	<0.5	9	<0.5	46	80	70	3	160	7	21	<10	114	0.005	
D137660		98.79	<0.5	<5	<0.5	<1	1	10	<1	1	2	<1	<10	15	<0.005	
D137661		96.58	<0.5	10	<0.5	34	58	20	22	132	18	15	<10	221	<0.005	
D137662		98.94	<0.5	13	<0.5	45	47	60	11	179	11	25	<10	141	<0.005	
D137663		98.79	<0.5	11	<0.5	39	29	50	16	175	8	23	<10	232	<0.005	
D137664		98.15	<0.5	18	<0.5	44	45	30	44	198	17	22	<10	125	0.005	
D137665		99.63	<0.5	<5	<0.5	49	72	70	6	191	8	24	<10	41	<0.005	
D137666		100.36	<0.5	8	<0.5	39	32	60	18	192	7	27	<10	187	<0.005	
D137667		99.87	<0.5	<5	<0.5	51	95	60	2	228	4	24	<10	73	<0.005	
D137668		98.60	<0.5	46	1.6	62	88	150	50	255	47	11	<10	659	<0.005	
D137669		96.08	<0.5	65	0.6	73	85	70	29	272	102	23	<10	443	<0.005	
D137670		100.36	<0.5	170	<0.5	214	3110	20	63	83	8	17	<10	25	0.176	
D137671		95.66	<0.5	28	<0.5	61	80	40	24	231	111	21	<10	174	<0.005	
D137672		99.97	<0.5	35	1.2	46	47	40	29	216	18	22	<10	544	<0.005	
D137673		100.47	<0.5	11	0.8	33	24	60	12	180	24	22	<10	365	<0.005	
D137674		99.30	<0.5	11	0.8	40	52	50	11	204	35	22	<10	354	<0.005	
D137675		100.24	<0.5	12	0.7	39	50	50	11	199	32	22	<10	349	<0.005	
D137676		101.58	<0.5	7	0.9	40	40	50	7	219	22	26	<10	381	<0.005	
D137677		100.42	<0.5	10	0.8	32	26	70	17	169	20	24	<10	344	<0.005	
D137678		99.33	<0.5	15	1.6	30	15	50	81	178	34	19	<10	507	<0.005	
D137679		99.43	<0.5	10	0.8	50	52	40	4	286	21	23	<10	332	<0.005	
D137680		100.36	<0.5	<5	<0.5	<1	2	20	<1	2	8	<1	<10	23	<0.005	
D137681		99.20	<0.5	<5	0.9	37	26	50	6	186	24	27	<10	514	<0.005	
D137682		99.06	<0.5	<5	1.1	33	32	50	8	162	23	26	<10	514	<0.005	
D137683		99.02	<0.5	<5	0.9	35	45	40	6	171	21	27	<10	483	0.005	
D137684		100.14	<0.5	14	2.5	43	82	50	16	182	29	19	<10	520	0.005	
D137685		99.39	<0.5	<5	1.0	34	40	30	8	175	15	21	<10	405	<0.005	
D137686		99.99	<0.5	<5	1.0	38	42	20	8	187	18	22	<10	477	<0.005	
D137687		100.43	<0.5	<5	1.6	38	50	30	19	228	19	26	<10	620	0.006	
D137688		100.41	<0.5	6	0.9	35	30	30	6	161	18	24	<10	419	0.005	
D137689		100.68	<0.5	8	0.8	25	25	70	10	120	18	27	<10	320	0.005	
D137690		99.51	<0.5	37	<0.5	18	57	10	44	137	126	45	10	235	NSS	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137691		2.24	7650	1335	380	5.14	27.3	11.75	16.50	21.1	41.5	5.6	4.77	695	0.97	575
D137692		1.71	>10000	1905	360	5.70	36.4	15.70	22.4	22.5	58.5	4.3	6.46	983	1.18	588
D137693		2.84	>10000	1100	360	5.70	18.85	7.85	12.15	21.0	30.3	4.4	3.34	548	0.67	962
D137694		2.27	>10000	1390	300	5.65	21.8	8.90	14.05	21.4	34.4	4.2	3.68	709	0.77	1145
D137695		2.73	>10000	1045	290	5.72	17.65	7.81	11.70	18.3	28.5	4.2	3.11	535	0.74	986
D137696		1.15	1150	538	<10	1.70	8.55	6.11	2.00	27.0	8.52	14.8	1.86	344	1.02	1005
D137697		2.62	7630	2410	380	4.99	34.8	14.05	25.0	25.9	56.5	7.9	5.95	1110	0.97	>2500
D137698		1.34	4910	1795	90	4.97	20.6	8.19	16.20	22.6	35.8	3.6	3.46	907	0.79	1645
D137699		3.06	>10000	1855	490	5.45	27.0	11.15	18.35	21.9	43.6	5.5	4.59	898	0.95	1960
D137700		0.34	196.0	30.3	<10	0.69	0.40	0.17	0.26	0.5	0.64	0.1	0.08	14.9	0.02	31.2
D137701		2.23	>10000	2830	240	5.32	50.2	21.7	31.7	25.0	79.9	3.9	8.61	1420	1.48	1400
D137702		2.32	>10000	3190	260	5.16	62.2	26.7	37.3	25.2	96.5	4.3	10.90	1675	1.88	859
D137703		2.22	>10000	671	280	4.75	15.55	6.77	8.91	20.3	21.7	6.1	2.64	330	0.71	1025
D137704		2.29	>10000	1280	300	6.00	22.0	9.19	13.90	20.2	34.5	3.4	3.76	645	0.83	1020
D137705		2.24	>10000	3550	570	4.94	61.4	25.9	38.8	27.8	97.0	3.9	10.70	1825	1.86	1300
D137706		2.31	>10000	3410	520	5.28	63.4	26.3	38.3	27.7	96.1	5.4	10.85	1730	1.87	1530
D137707		2.22	>10000	3400	660	5.08	61.8	25.7	36.6	27.6	93.0	5.0	10.50	1770	1.78	1175
D137708		2.43	>10000	839	160	5.08	15.80	6.80	9.33	15.9	23.3	4.0	2.76	421	0.68	948
D137709		2.39	>10000	2610	470	5.68	44.3	18.30	27.3	26.0	67.6	5.3	7.51	1305	1.37	1780
D137710		<0.02	1070	5410	620	0.48	50.3	11.85	76.9	53.1	154.0	14.6	6.48	4020	0.64	1505
D137711		2.65	>10000	4080	260	5.32	82.8	34.1	46.9	27.4	118.5	3.8	14.20	2130	2.27	1550
D137712		2.24	9630	2730	170	5.35	48.7	20.8	31.2	21.8	76.0	3.0	8.40	1415	1.53	1205
D137713		1.91	6280	3540	110	2.34	51.6	24.6	32.1	17.6	73.7	0.9	9.38	2250	1.55	898
D137714		2.21	>10000	2380	140	5.51	40.6	17.60	25.8	21.5	64.0	3.5	7.09	1245	1.36	1225
D137715		2.10	>10000	2060	310	6.80	37.6	16.15	23.5	24.3	59.3	3.5	6.61	1110	1.16	830
D137716		2.52	5000	1155	380	3.82	20.7	9.36	13.60	18.4	31.6	6.7	3.69	601	0.85	1650
D137717		2.18	5860	1320	620	4.45	22.7	9.42	14.80	20.1	35.2	4.9	3.86	669	0.74	1200
D137718		2.14	3900	1210	450	3.99	20.3	9.10	13.25	20.8	30.8	5.1	3.56	657	0.80	1065
D137719		2.41	1790	547	700	3.49	7.73	3.51	5.20	21.3	11.10	3.3	1.37	318	0.41	879
D137720		0.25	97.1	17.3	20	0.43	0.33	0.15	0.18	0.6	0.46	0.1	0.06	10.4	<0.01	17.2
D137721		1.99	2260	661	400	4.14	9.59	4.43	6.19	16.7	13.70	3.9	1.72	392	0.58	656
D137722		2.04	1870	1455	300	3.13	14.00	5.83	10.70	18.0	22.0	4.4	2.37	738	0.64	2090
D137723		2.40	1425	604	540	1.90	12.05	5.72	7.12	14.9	16.00	7.3	2.13	322	0.84	1315
D137724		1.87	4050	579	320	2.59	10.45	4.94	6.25	14.0	14.15	3.8	1.88	321	0.56	893
D137725		<0.02	4330	575	330	2.82	10.25	5.18	6.13	14.0	14.10	3.9	1.90	317	0.57	891
D137726		2.08	>10000	2350	430	5.22	39.6	16.65	24.7	23.7	60.5	6.0	6.71	1190	1.28	1735
D137727		1.64	7300	949	550	3.40	20.8	9.48	12.25	20.1	30.1	8.7	3.71	464	1.02	896
D137728		1.14	6820	470	660	2.35	12.15	5.58	6.72	21.7	16.70	7.6	2.17	228	0.72	749
D137729		1.82	4320	1170	480	2.21	22.8	9.37	14.00	17.7	35.8	3.4	3.80	573	0.72	552
D137730		0.06	8630	84.7	40	0.79	3.77	2.38	1.26	18.5	3.80	3.7	0.77	89.4	0.34	7.6



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137691		447	146.0	229	65.7	4	1805	8.2	5.23	99.7	1.47	7.72	290	3	127.0	7.98
D137692		628	205	274	91.1	3	1405	8.0	7.46	159.5	1.90	5.82	252	1	172.0	10.00
D137693		361	111.0	251	50.2	3	1400	15.3	3.74	76.8	0.98	4.47	215	2	83.9	5.24
D137694		434	137.5	244	57.8	2	1420	22.4	4.31	116.0	1.13	4.75	189	2	94.1	5.87
D137695		337	105.0	255	46.8	2	1500	18.8	3.54	64.0	0.97	8.95	160	2	80.8	5.43
D137696		112.0	43.1	223	13.60	5	216	46.5	1.38	93.8	1.00	37.4	<5	6	53.9	6.66
D137697		787	261	233	103.0	3	2100	80.0	7.15	288	1.65	43.9	251	4	142.0	8.52
D137698		531	187.0	145.0	65.7	2	2580	25.1	4.23	70.7	1.03	6.42	149	4	84.5	5.57
D137699		578	196.5	251	76.6	3	1220	47.4	5.46	186.5	1.37	25.0	178	3	113.0	7.34
D137700		9.3	3.04	4.0	1.22	<1	126.0	0.8	0.09	1.67	0.03	0.65	9	2	2.0	0.14
D137701		992	305	264	129.5	2	2060	39.7	9.92	286	2.56	53.2	126	2	238	13.20
D137702		1125	338	252	150.0	2	2060	23.2	12.30	327	3.23	54.3	149	1	309	16.35
D137703		231	69.2	213	35.4	5	722	24.9	2.87	128.5	0.91	28.1	360	1	67.4	5.04
D137704		407	127.0	274	56.6	3	1205	19.9	4.40	118.5	1.18	15.70	169	1	98.7	6.41
D137705		1230	374	266	160.5	2	1730	31.4	12.20	346	3.28	21.9	233	2	295	15.95
D137706		1190	363	265	154.5	2	1600	44.9	12.45	398	3.15	48.1	209	3	294	15.70
D137707		1150	357	260	146.0	2	1975	28.5	12.05	293	3.03	19.15	221	4	286	15.05
D137708		271	83.2	244	37.9	1	512	22.3	3.11	70.4	0.85	9.45	102	5	70.8	4.87
D137709		895	278	288	113.0	3	1075	48.8	8.62	336	2.17	16.95	217	9	204	11.10
D137710		2800	792	6.1	373	29	805	23.5	13.65	266	1.21	6.18	427	3	140.0	5.47
D137711		1450	430	245	189.0	2	2840	49.2	15.70	430	4.14	424	188	6	406	20.9
D137712		967	287	221	125.0	3	3360	30.8	9.65	281	2.50	102.0	181	5	246	13.25
D137713		1055	334	119.5	124.0	1	>10000	12.7	9.91	107.0	3.07	14.30	75	2	303	14.90
D137714		770	251	277	107.0	2	2330	23.9	8.08	172.0	2.12	34.9	147	3	197.5	11.20
D137715		677	218	299	94.7	4	2690	10.8	7.54	186.5	2.02	13.05	274	7	183.5	10.45
D137716		372	111.5	156.5	54.0	5	1935	40.0	4.13	138.0	1.21	29.3	330	5	99.3	6.85
D137717		428	129.0	172.0	59.0	5	2110	23.9	4.47	89.3	1.20	16.65	378	5	104.5	6.43
D137718		377	115.0	150.5	52.4	4	2730	23.9	3.98	115.0	1.13	49.3	348	4	96.6	6.58
D137719		154.5	48.8	99.7	20.00	6	1425	13.5	1.48	63.1	0.45	12.55	501	4	36.5	2.76
D137720		5.1	1.60	3.0	0.67	<1	211	0.4	0.06	1.68	<0.01	1.29	15	1	2.0	0.17
D137721		182.0	58.3	96.3	24.4	3	2120	10.5	1.85	55.5	0.62	10.90	281	4	49.0	4.14
D137722		404	133.0	90.4	46.7	3	2400	38.5	2.90	104.0	0.78	68.0	231	6	60.0	4.83
D137723		184.0	56.5	75.7	26.9	5	1590	33.0	2.24	154.5	0.82	57.2	394	5	57.6	5.34
D137724		175.5	54.1	111.0	23.5	2	1760	22.1	1.97	89.6	0.64	34.8	155	4	51.7	4.20
D137725		174.0	53.7	117.5	23.6	2	1760	21.6	1.96	88.1	0.67	34.2	157	4	51.0	4.20
D137726		763	248	255	103.0	3	1210	38.5	7.70	190.5	2.07	27.5	270	6	181.0	10.80
D137727		329	96.2	151.0	48.6	6	1175	25.1	4.01	54.2	1.26	20.00	402	3	98.1	7.47
D137728		167.5	47.5	109.5	26.1	8	671	18.0	2.21	37.4	0.75	14.90	571	3	59.1	4.73
D137729		403	117.5	94.8	58.4	4	1720	14.0	4.55	44.1	1.15	10.25	267	8	104.5	6.06
D137730		21.8	6.92	110.0	4.32	5	108.5	0.5	0.62	8.98	0.31	17.30	318	44	22.0	2.15



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137691		374	35.3	10.20	14.65	11.40	12.05	0.82	4.73	0.050	2.14	0.59	1.58	0.20	0.88	4.80
D137692		243	34.2	9.98	14.50	9.49	14.65	0.50	5.67	0.048	2.18	0.71	1.91	0.16	1.36	2.95
D137693		298	35.1	11.05	15.45	9.91	12.50	0.85	5.27	0.048	2.07	0.71	1.08	0.16	1.17	5.11
D137694		263	35.9	11.10	15.00	9.32	13.15	1.00	5.29	0.041	1.96	0.68	0.83	0.16	1.30	4.54
D137695		298	35.8	10.45	14.00	10.30	12.60	0.95	5.12	0.041	1.58	0.58	1.11	0.17	1.20	5.24
D137696		1370	53.3	17.50	9.00	2.53	1.54	3.22	6.66	<0.002	0.10	0.25	0.05	0.02	0.14	6.08
D137697		658	30.4	11.10	19.85	9.69	9.40	0.54	4.81	0.050	2.77	0.59	2.02	0.23	0.87	7.48
D137698		238	39.2	16.65	9.57	11.50	7.29	1.99	3.80	0.012	1.69	0.50	0.87	0.28	0.55	7.09
D137699		442	35.3	10.30	15.10	8.60	13.15	0.76	5.13	0.066	2.36	0.61	1.04	0.14	1.25	4.93
D137700		5	16.95	0.28	0.23	27.1	21.8	0.05	0.11	<0.002	0.03	0.06	0.03	0.01	0.02	33.2
D137701		320	32.4	10.15	14.75	9.66	13.10	0.55	5.41	0.034	1.57	0.50	3.23	0.23	1.38	6.04
D137702		377	29.3	8.09	17.20	10.80	13.70	0.28	5.04	0.037	1.52	0.60	4.58	0.23	1.54	6.60
D137703		475	30.4	6.51	26.5	7.43	13.45	0.29	4.21	0.039	2.77	1.05	0.60	0.08	1.31	5.49
D137704		225	35.5	9.81	14.50	8.09	16.15	0.41	5.82	0.042	2.09	0.68	0.97	0.14	1.78	4.09
D137705		251	31.8	8.46	13.85	9.91	15.65	0.28	5.63	0.076	2.50	0.60	3.85	0.20	1.69	4.64
D137706		358	29.7	7.85	16.90	9.20	14.60	0.28	5.16	0.067	2.43	0.63	3.43	0.18	1.69	6.33
D137707		291	31.5	7.73	15.15	10.25	14.85	0.23	5.38	0.088	2.42	0.63	3.36	0.22	1.50	5.36
D137708		285	30.2	8.34	23.4	4.67	12.60	0.24	4.88	0.025	1.50	0.55	0.80	0.06	1.39	8.75
D137709		361	30.6	8.87	20.2	6.10	14.75	0.27	5.74	0.062	2.90	0.68	1.98	0.12	1.85	5.30
D137710		657	29.5	11.65	50.1	1.83	1.86	0.23	11.65	0.083	3.05	0.12	1.18	0.09	0.12	1.09
D137711		285	26.4	7.98	16.70	12.50	12.00	0.40	4.79	0.039	1.73	0.56	6.51	0.33	1.45	5.02
D137712		229	29.4	9.40	14.15	13.20	9.96	1.03	4.34	0.025	1.35	0.58	4.12	0.37	1.03	7.14
D137713		69	12.00	3.85	6.65	36.2	5.05	0.25	2.19	0.015	0.71	0.66	2.76	1.18	0.65	26.7
D137714		250	33.2	11.00	11.90	10.05	13.15	0.74	5.58	0.019	1.57	0.51	2.53	0.25	1.38	7.64
D137715		249	26.9	8.31	17.50	11.00	13.05	0.16	5.35	0.042	2.08	0.86	2.57	0.29	1.41	10.05
D137716		450	31.2	7.98	22.3	12.55	8.57	0.93	3.37	0.049	2.32	0.81	0.43	0.21	0.51	7.88
D137717		321	30.7	10.50	21.6	10.30	8.16	0.89	3.91	0.082	2.51	0.78	1.70	0.23	0.61	6.36
D137718		323	33.0	11.95	15.95	12.50	7.22	1.39	3.82	0.061	2.14	0.65	1.43	0.30	0.41	8.91
D137719		233	30.4	17.15	23.7	7.35	4.00	1.25	3.76	0.092	2.91	0.79	0.14	0.15	0.18	10.00
D137720		6	19.75	0.32	0.47	28.5	20.3	0.13	0.12	0.002	0.05	0.06	0.03	0.02	0.01	31.4
D137721		220	35.1	14.40	12.55	11.90	5.66	1.88	3.19	0.054	1.69	0.55	0.12	0.23	0.24	11.85
D137722		261	30.4	11.85	11.95	15.30	5.56	1.80	2.73	0.040	1.92	0.52	0.14	0.26	0.19	17.70
D137723		452	30.7	9.27	19.80	14.90	6.66	0.83	2.38	0.071	2.17	0.71	0.21	0.17	0.15	11.00
D137724		254	28.0	8.67	13.75	18.50	6.73	1.03	2.52	0.044	1.16	0.62	0.27	0.19	0.42	17.70
D137725		256	28.1	8.84	13.75	18.05	6.87	1.01	2.60	0.045	1.20	0.62	0.27	0.19	0.45	17.55
D137726		364	30.1	8.40	10.75	14.00	12.65	0.18	5.05	0.057	2.96	0.62	1.96	0.13	1.53	10.20
D137727		554	30.8	7.69	18.75	13.65	9.86	0.47	3.29	0.071	2.82	0.72	0.88	0.13	0.77	8.84
D137728		526	22.2	5.20	27.9	13.60	7.63	0.15	2.30	0.088	3.77	0.96	0.32	0.07	0.72	9.00
D137729		235	22.7	9.83	20.1	16.00	6.83	0.41	2.53	0.063	1.91	0.84	1.31	0.19	0.45	15.00
D137730		137	43.1	10.75	23.7	5.88	2.12	1.83	4.15	0.006	0.88	0.32	0.18	0.01	0.94	5.82



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137691		99.39	<0.5	8	0.8	29	22	40	7	167	20	25	<10	386	0.022	
D137692		98.31	<0.5	9	0.7	33	30	20	2	223	16	20	<10	319	0.008	
D137693		100.48	<0.5	8	1.4	42	51	50	7	197	23	19	<10	481	0.006	
D137694		100.27	<0.5	7	1.0	60	89	30	5	267	26	19	<10	256	0.005	
D137695		99.14	<0.5	5	1.1	58	100	30	6	221	22	20	<10	286	0.005	
D137696		100.39	<0.5	<5	<0.5	4	6	50	16	6	12	<1	<10	47	<0.005	
D137697		99.80	<0.5	16	1.7	114	194	40	7	433	50	27	<10	404	0.005	0.42
D137698		100.99	<0.5	6	0.7	30	42	110	9	64	21	11	<10	157	0.005	
D137699		98.74	<0.5	5	3.0	66	100	30	5	238	33	20	<10	620	0.008	
D137700		99.87	<0.5	<5	<0.5	<1	2	20	<1	<1	8	<1	<10	23	0.008	
D137701		99.00	<0.5	12	1.4	70	107	30	6	228	34	13	<10	286	0.006	
D137702		99.52	<0.5	12	1.9	84	129	20	4	224	35	14	<10	311	<0.005	
D137703		100.13	<0.5	<5	1.8	86	132	10	5	243	26	33	<10	417	0.009	
D137704		100.07	<0.5	<5	1.9	52	75	20	3	166	23	18	<10	406	0.005	
D137705		99.14	<0.5	8	1.6	51	66	10	5	242	39	18	<10	314	<0.005	
D137706		98.45	<0.5	8	0.9	74	95	10	5	228	45	22	<10	191	0.005	
D137707		98.67	<0.5	9	3.3	63	88	10	4	248	38	31	<10	471	0.005	
D137708		97.41	<0.5	9	2.5	144	220	20	7	306	30	21	<10	350	0.010	
D137709		99.42	<0.5	11	3.9	89	118	20	7	217	35	17	<10	528	0.006	
D137710		101.05	<0.5	40	<0.5	17	63	10	48	149	129	47	<10	252	NSS	
D137711		96.41	<0.5	21	1.5	83	91	20	9	224	70	17	<10	276	0.010	
D137712		96.10	<0.5	16	1.9	62	75	70	14	158	70	13	<10	313	0.005	
D137713		98.87	<0.5	6	0.9	28	18	10	8	76	84	5	<10	131	0.006	
D137714		99.52	<0.5	15	0.7	59	76	40	10	126	38	17	<10	240	0.007	
D137715		99.57	<0.5	18	0.8	58	66	20	11	168	44	18	<10	315	0.006	
D137716		99.11	<0.5	5	3.5	94	188	60	18	377	66	31	<10	824	<0.005	
D137717		98.33	<0.5	12	2.2	67	105	70	17	257	34	23	<10	588	0.008	
D137718		99.73	<0.5	11	1.8	40	58	70	105	151	35	21	<10	596	<0.005	
D137719		101.87	<0.5	13	1.5	52	76	90	23	189	22	11	<10	568	0.009	
D137720		101.16	<0.5	<5	<0.5	2	1	50	1	2	17	<1	<10	57	0.005	
D137721		99.41	<0.5	11	1.6	28	36	60	34	98	17	19	<10	446	<0.005	
D137722		100.36	<0.5	12	1.5	41	60	60	163	150	28	20	<10	370	0.005	
D137723		99.02	<0.5	17	1.8	118	251	70	19	499	28	39	<10	343	0.013	
D137724		99.60	<0.5	12	1.8	64	85	30	19	255	25	17	<10	329	0.005	
D137725		99.55	<0.5	12	1.8	62	80	30	17	242	24	16	<10	338	0.008	
D137726		98.59	<0.5	11	1.0	68	98	10	4	241	31	27	<10	281	0.007	
D137727		98.74	<0.5	17	1.8	87	136	20	5	304	22	37	<10	405	<0.005	
D137728		93.91	<0.5	16	1.6	120	202	10	14	400	26	31	<10	416	0.007	
D137729		98.16	<0.5	6	1.7	64	113	30	18	257	26	15	<10	361	0.006	
D137730		99.69	<0.5	167	<0.5	212	3120	20	61	81	6	17	<10	25	0.182	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137731		2.67	6970	2680	440	4.59	48.8	20.2	32.5	26.9	80.4	4.2	8.34	1300	1.28	1160
D137732		2.12	5890	1795	380	4.51	26.8	10.95	18.60	22.4	44.4	5.8	4.49	909	0.91	1080
D137733		2.28	4860	2210	210	3.43	34.0	13.60	23.3	22.0	53.9	5.9	5.71	1195	1.07	1740
D137734		2.56	7220	2750	330	5.27	36.9	13.75	27.7	26.0	61.4	6.7	6.07	1340	1.02	>2500
D137735		2.43	5650	1235	370	4.14	15.65	6.33	12.00	21.8	26.0	5.5	2.59	607	0.63	1520
D137736		2.44	9160	2270	240	4.47	28.7	10.90	21.7	23.6	49.0	6.4	4.75	1060	0.93	2500
D137737		2.39	8310	1955	470	4.49	27.7	11.30	19.95	21.1	46.4	4.7	4.67	928	0.95	1805
D137738		2.31	5470	2300	450	3.33	36.9	15.00	25.1	23.8	60.7	4.3	6.23	1145	1.17	1505
D137739		2.33	7070	1265	570	3.77	18.95	8.21	12.95	21.6	30.3	5.1	3.20	618	0.71	1335
D137740		0.30	1650	17.7	<10	0.38	0.42	0.23	0.19	0.3	0.64	0.1	0.08	9.2	0.01	12.2
D137741		2.43	1315	1080	260	1.69	18.60	8.02	12.00	18.5	29.0	4.5	3.18	589	0.76	415
D137742		2.62	3640	1175	390	2.52	18.55	7.92	12.25	19.7	29.5	4.5	3.19	611	0.76	719
D137743		2.53	6890	1425	660	3.54	23.4	10.10	15.50	23.3	37.3	4.9	3.98	733	0.84	921
D137744		2.60	4230	1670	470	2.93	24.7	10.05	17.95	19.1	43.1	5.7	3.74	843	0.85	1530
D137745		2.47	6760	1840	670	3.44	33.2	13.95	22.2	21.5	57.0	5.6	5.36	948	1.01	1205
D137746		2.56	>10000	1080	760	4.77	15.70	5.93	10.95	20.0	25.5	6.6	2.51	479	0.62	1305
D137747		2.54	>10000	1540	800	4.29	27.8	10.65	17.25	19.3	44.3	6.6	4.35	772	0.78	1105
D137748		1.91	4760	1070	310	3.24	20.7	8.89	12.80	18.9	32.5	5.1	3.47	528	0.83	603
D137749		3.07	>10000	1555	870	4.81	23.1	9.26	16.15	22.5	40.2	5.4	3.88	765	0.71	1695
D137750		<0.02	945	4940	640	0.48	51.5	11.85	75.3	44.9	161.5	13.8	6.32	3650	0.56	1475
D137751		2.44	>10000	1055	860	4.61	16.50	6.43	11.30	19.8	27.6	5.2	2.60	492	0.48	1050
D137752		2.37	9230	1130	590	4.75	17.10	6.58	12.10	20.4	29.1	3.9	2.65	540	0.44	1255
D137753		2.17	>10000	932	830	4.85	14.75	5.79	9.39	18.4	22.8	6.4	2.37	428	0.53	1005
D137754		2.02	>10000	1215	890	4.99	19.30	7.91	12.45	19.0	30.6	6.6	3.14	582	0.69	1185
D137755		2.89	7880	1370	780	3.43	23.5	9.72	15.30	21.6	38.9	5.9	3.97	656	0.78	1150
D137756		2.57	1890	534	1230	0.92	11.50	4.66	7.25	29.1	18.55	3.2	1.85	294	0.29	466
D137757		2.42	4170	980	1240	2.70	14.90	6.29	10.10	24.5	24.6	3.1	2.56	544	0.49	519
D137758		2.56	3570	1410	1180	1.94	30.9	12.35	18.85	27.4	49.7	3.2	5.09	662	0.73	633
D137759		2.29	5330	1145	680	3.05	22.3	10.20	13.90	26.7	36.6	2.8	3.62	544	0.62	725
D137760		0.37	189.5	11.3	10	1.23	0.36	0.20	0.13	0.8	0.45	0.1	0.06	5.6	0.02	6.9
D137761		2.63	6580	1260	350	4.31	23.7	10.25	14.70	18.6	37.2	5.6	3.86	603	0.80	1115
D137762		2.32	>10000	1160	160	5.13	17.50	7.31	11.85	16.1	29.7	3.1	2.73	553	0.63	1290
D137763		2.62	>10000	1280	290	5.11	25.9	11.20	15.85	17.1	38.8	6.3	4.36	601	0.91	934
D137764		2.33	4070	1775	280	3.56	28.2	12.10	18.65	16.7	45.1	3.8	4.76	974	0.97	1995
D137765		1.89	9180	1685	460	4.77	35.0	14.25	21.2	20.4	56.9	4.9	5.73	852	0.93	767
D137766		2.90	5720	1810	300	3.75	36.4	15.15	22.5	21.0	58.7	3.9	6.17	926	1.01	894
D137767		2.97	4390	1415	430	2.96	25.6	10.90	16.55	24.0	42.4	4.1	4.15	636	0.62	1325
D137768		2.26	>10000	1295	290	4.79	25.1	11.40	15.95	19.5	40.5	6.2	4.26	604	0.83	825
D137769		2.51	9920	1455	340	4.35	28.3	12.50	17.85	17.4	44.0	6.4	4.83	706	0.92	846
D137770		0.06	8360	82.7	50	0.80	4.01	2.23	1.29	20.0	4.03	3.8	0.76	85.3	0.33	6.6



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137731		1005	293	183.5	130.5	4	2110	25.4	9.86	94.8	2.31	12.15	328	3	227	12.05
D137732		571	187.5	169.5	76.7	3	1755	16.2	5.60	65.7	1.33	10.40	257	2	117.0	7.27
D137733		672	224	152.0	92.2	4	3070	31.4	6.91	106.0	1.57	19.35	275	5	146.0	8.55
D137734		952	287	212	114.0	4	2350	51.9	7.69	127.0	1.75	14.40	332	5	149.5	8.76
D137735		382	119.5	168.5	49.3	2	2340	20.7	3.22	68.2	0.78	4.89	248	3	62.7	4.49
D137736		734	245	187.5	93.7	3	1975	39.5	6.01	105.0	1.37	7.61	288	3	111.0	7.39
D137737		636	209	168.0	82.5	3	2070	40.3	5.73	95.1	1.37	6.18	315	2	116.0	7.56
D137738		760	247	127.5	103.5	4	3160	34.0	7.43	120.0	1.87	6.47	435	2	163.5	9.88
D137739		405	123.5	154.5	53.9	4	2030	34.9	3.85	65.0	0.97	4.40	450	2	83.0	5.54
D137740		6.0	1.81	1.8	0.87	<1	194.0	0.3	0.08	1.02	0.01	0.31	7	<1	2.3	0.21
D137741		340	103.5	54.2	46.8	3	2780	8.5	3.66	36.9	0.99	3.92	276	2	85.8	5.89
D137742		371	112.5	98.7	49.2	3	2460	14.8	3.74	42.0	1.00	4.06	288	2	82.4	5.64
D137743		460	139.0	157.0	62.7	4	2760	18.2	4.61	49.5	1.23	4.71	419	3	107.5	6.61
D137744		535	167.5	108.0	69.4	3	1770	34.0	4.95	78.1	1.06	5.10	285	5	84.4	6.91
D137745		610	186.0	148.5	88.1	4	1925	20.4	6.67	87.9	1.53	5.19	359	4	127.0	9.06
D137746		340	106.5	250	43.8	4	857	20.3	3.09	65.5	0.70	3.55	289	5	53.7	4.51
D137747		503	152.0	248	67.3	4	1295	13.9	5.27	73.2	1.16	5.47	289	7	102.0	6.74
D137748		352	105.5	110.5	49.7	3	3220	10.2	3.96	61.6	0.99	3.88	276	6	82.9	6.89
D137749		501	154.5	234	66.6	4	693	23.6	4.76	101.0	1.05	5.22	345	10	80.6	6.17
D137750		2490	770	5.9	356	31	691	22.7	14.00	242	1.11	5.88	391	4	120.0	5.36
D137751		337	105.0	207	45.7	4	847	15.6	3.18	61.2	0.75	4.33	409	5	51.8	3.94
D137752		348	110.5	202	46.3	2	1095	14.8	3.44	118.5	0.75	9.26	402	7	57.4	4.31
D137753		288	89.2	235	38.4	4	864	17.8	2.72	44.3	0.71	4.84	278	3	52.9	4.39
D137754		379	121.0	222	50.0	3	1665	19.1	3.78	51.7	0.88	4.28	317	3	72.2	5.28
D137755		443	137.0	159.5	61.6	5	1935	22.0	4.63	48.9	1.11	4.52	456	3	92.2	6.01
D137756		187.0	56.7	76.1	27.8	8	1280	8.6	2.21	17.05	0.56	1.96	725	5	46.6	2.68
D137757		299	91.7	126.0	40.0	7	1940	11.4	3.18	23.1	0.72	3.00	558	3	62.5	4.07
D137758		496	146.0	132.5	73.6	8	2230	13.3	5.86	49.4	1.37	8.99	580	2	117.5	7.22
D137759		396	116.0	152.5	58.1	7	1980	13.8	4.37	29.6	1.05	4.94	568	3	91.8	5.44
D137760		4.0	1.22	3.6	0.76	<1	95.9	0.2	0.07	0.56	0.02	0.52	12	1	1.5	0.11
D137761		414	125.5	188.5	59.2	4	2780	19.9	4.41	59.5	1.22	15.30	317	2	95.0	6.65
D137762		363	113.5	219	49.6	3	2600	21.2	3.42	37.8	0.84	8.73	167	3	67.2	4.99
D137763		429	129.0	248	62.5	3	1945	19.1	5.07	91.1	1.26	24.6	228	2	105.0	7.78
D137764		564	173.5	179.0	76.4	3	4850	29.3	5.60	194.0	1.36	29.8	194	3	114.0	8.06
D137765		588	176.5	211	86.8	5	2440	12.6	6.82	46.4	1.62	9.69	332	2	140.0	9.05
D137766		632	186.0	158.0	90.1	5	2540	17.2	6.82	77.8	1.63	25.8	332	3	140.0	8.62
D137767		490	146.5	127.0	68.1	7	1805	30.7	5.14	57.2	1.06	18.25	521	2	95.2	6.31
D137768		441	131.5	201	64.8	5	1985	21.4	5.08	42.1	1.22	15.55	339	3	105.0	7.67
D137769		492	148.0	171.0	71.3	4	1900	18.3	5.38	42.5	1.36	10.30	295	3	111.5	8.37
D137770		22.1	7.13	103.0	4.57	5	95.8	0.5	0.60	9.89	0.29	17.30	279	47	19.6	2.23



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI		
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
D137731		282	29.4	14.30	18.00	8.76	7.70	0.77	4.74	0.061	2.59	0.65	3.27	0.24	0.76	8.01		
D137732		306	37.5	12.95	13.45	11.30	9.36	1.40	4.01	0.051	2.22	0.62	1.57	0.19	0.63	5.60		
D137733		308	32.3	9.50	13.90	17.25	8.44	1.09	3.46	0.029	2.48	0.74	1.15	0.33	0.51	10.20		
D137734		416	31.7	9.91	18.80	11.90	10.10	0.91	4.31	0.045	3.46	0.76	1.99	0.25	0.76	5.65		
D137735		332	37.6	14.40	13.00	10.35	9.38	1.63	4.30	0.048	2.27	0.60	0.51	0.26	0.60	6.66		
D137736		383	33.7	9.53	16.40	11.35	11.90	0.63	4.16	0.032	3.09	0.63	0.98	0.21	0.96	5.74		
D137737		302	31.9	10.00	15.85	10.95	10.65	0.93	3.94	0.068	2.60	0.68	1.19	0.25	0.94	5.80		
D137738		289	29.9	11.10	18.65	12.75	8.60	0.81	3.53	0.060	2.64	0.75	2.17	0.35	0.59	7.12		
D137739		297	32.6	12.30	20.2	9.32	9.78	0.88	4.35	0.077	3.03	0.86	0.94	0.23	0.76	5.39		
D137740		4	10.60	0.15	0.20	27.7	21.4	0.03	0.05	<0.002	0.02	0.06	0.02	0.02	0.17	38.3		
D137741		262	38.8	12.50	13.50	14.90	7.57	2.34	2.39	0.037	1.74	0.63	1.08	0.31	0.15	4.96		
D137742		257	39.0	12.55	12.80	13.60	9.37	1.84	3.13	0.050	1.95	0.61	0.94	0.27	0.39	5.11		
D137743		314	30.8	12.85	18.70	11.10	8.66	0.68	4.34	0.084	2.51	0.75	1.41	0.30	0.71	7.10		
D137744		329	33.7	10.80	16.45	12.70	9.34	1.37	3.14	0.065	2.54	0.77	0.85	0.23	0.55	6.38		
D137745		337	32.0	9.76	18.80	11.65	10.50	0.88	3.74	0.087	2.74	0.82	1.52	0.24	0.83	5.13		
D137746		331	34.2	8.23	16.40	8.68	15.65	0.44	5.03	0.102	3.36	0.78	0.25	0.12	1.40	2.86		
D137747		324	31.8	7.19	17.60	10.05	14.80	0.34	4.82	0.108	3.23	0.76	1.39	0.16	1.22	3.83		
D137748		322	34.2	11.30	14.40	13.75	9.23	1.63	2.92	0.043	1.77	0.73	0.85	0.40	0.59	6.29		
D137749		313	31.7	7.36	18.15	7.52	15.25	0.31	4.80	0.116	3.98	0.84	0.38	0.09	1.49	2.67		
D137750		631	27.5	11.10	49.5	1.82	1.81	0.21	0.14	0.087	3.10	0.13	1.12	0.10	0.12	1.10		
D137751		262	32.1	7.64	18.95	7.94	15.35	0.33	5.06	0.127	4.11	0.89	0.34	0.12	1.30	2.44		
D137752		193	31.4	8.70	15.80	6.75	16.40	0.27	6.67	0.086	3.34	0.68	1.17	0.14	1.16	3.07		
D137753		314	35.4	7.66	14.95	10.05	16.45	0.35	5.08	0.122	3.17	0.74	0.40	0.12	1.45	2.55		
D137754		340	33.7	7.66	15.75	11.20	15.20	0.43	4.74	0.125	3.15	0.78	0.64	0.21	1.45	3.40		
D137755		336	29.4	10.30	19.75	10.00	10.90	0.50	4.09	0.106	3.65	0.90	1.13	0.24	0.92	4.38		
D137756		207	22.2	17.40	30.8	6.53	3.37	0.29	4.24	0.169	4.32	1.16	1.23	0.16	0.24	6.35		
D137757		228	23.3	13.85	29.0	8.86	5.73	0.41	4.17	0.172	3.67	1.16	1.00	0.25	0.52	6.69		
D137758		228	22.9	15.75	29.2	8.26	4.92	0.26	4.44	0.160	3.75	1.11	2.58	0.29	0.46	5.83		
D137759		201	24.0	14.90	28.7	7.66	6.33	0.24	4.73	0.098	3.68	1.17	1.90	0.25	0.66	5.33		
D137760		4	18.25	0.24	0.38	28.3	21.3	0.01	0.11	0.002	0.05	0.06	0.04	0.02	0.02	31.4		
D137761		407	27.9	8.94	21.6	12.85	9.71	0.48	4.16	0.055	2.34	0.89	1.47	0.36	0.86	6.02		
D137762		221	32.3	10.40	14.90	11.35	11.80	0.72	4.68	0.023	1.92	0.68	0.71	0.34	1.33	6.11		
D137763		447	33.0	7.67	16.45	11.25	14.15	0.38	4.96	0.043	2.04	0.80	1.44	0.25	1.34	4.27		
D137764		265	23.1	7.45	13.50	22.7	7.54	0.75	3.85	0.041	1.53	0.71	2.05	0.63	0.51	14.75		
D137765		321	29.4	9.85	21.2	11.00	10.45	0.55	4.52	0.067	2.45	0.88	2.34	0.31	1.05	4.33		
D137766		289	27.7	12.05	21.8	11.20	7.88	0.86	4.17	0.045	2.45	0.81	3.15	0.33	0.72	6.22		
D137767		324	24.7	14.65	29.3	6.76	5.76	0.61	4.30	0.064	3.66	0.98	2.07	0.23	0.54	4.65		
D137768		386	28.6	7.41	21.1	12.35	12.25	0.33	4.13	0.042	2.72	0.98	1.40	0.25	1.22	3.98		
D137769		424	29.5	6.87	22.2	11.70	11.90	0.49	3.74	0.051	2.45	0.91	1.94	0.25	1.18	5.21		
D137770		145	40.3	10.80	24.4	6.01	2.10	1.87	4.15	0.007	0.89	0.33	0.19	0.02	0.94	6.30		



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137731		99.25	<0.5	15	2.5	53	88	60	15	234	24	11	<10	581	0.005	
D137732		100.85	<0.5	10	1.2	42	81	80	10	194	21	28	<10	325	<0.005	
D137733		101.38	<0.5	9	1.6	36	47	60	23	150	55	21	<10	446	<0.005	
D137734		100.55	<0.5	10	1.5	67	99	30	7	235	29	27	<10	444	0.005	0.28
D137735		101.61	<0.5	5	1.3	42	75	50	4	145	18	25	<10	314	<0.005	
D137736		99.31	<0.5	<5	1.2	72	119	20	5	213	27	24	<10	239	<0.005	0.25
D137737		95.75	<0.5	5	1.6	67	116	20	6	243	23	26	<10	326	<0.005	
D137738		99.02	<0.5	<5	1.5	64	116	30	5	264	28	21	<10	360	0.008	
D137739		100.72	<0.5	<5	1.6	52	78	30	7	230	20	22	<10	476	0.006	
D137740		98.72	<0.5	<5	<0.5	1	2	10	<1	3	4	<1	<10	25	0.005	
D137741		100.91	<0.5	9	1.0	39	75	20	7	164	14	22	<10	273	0.005	
D137742		101.61	<0.5	<5	1.0	47	91	20	5	247	13	26	<10	259	0.008	
D137743		99.99	<0.5	7	1.7	58	103	30	15	258	18	20	<10	412	<0.005	
D137744		98.89	<0.5	5	1.9	65	106	20	8	226	28	30	<10	304	0.006	
D137745		98.70	<0.5	10	1.3	64	86	50	15	242	10	35	<10	426	<0.005	
D137746		97.50	<0.5	5	0.9	58	81	20	4	405	5	32	<10	409	0.005	
D137747		97.30	<0.5	12	0.6	52	75	10	4	407	94	29	<10	433	0.005	
D137748		98.10	<0.5	7	1.1	55	103	40	11	235	21	32	<10	266	0.008	
D137749		94.66	<0.5	<5	0.9	70	96	10	4	372	12	34	<10	483	<0.005	
D137750		97.84	<0.5	46	<0.5	20	63	10	49	148	123	49	<10	255	NSS	
D137751		96.70	<0.5	6	0.6	58	84	20	3	411	11	30	<10	502	<0.005	
D137752		95.64	<0.5	17	1.7	70	112	40	4	317	181	27	<10	416	0.005	
D137753		98.49	<0.5	6	0.8	53	76	10	5	413	7	31	<10	367	<0.005	
D137754		98.44	<0.5	6	0.9	54	75	10	4	376	11	30	<10	394	<0.005	
D137755		96.27	<0.5	6	0.5	39	35	30	5	218	10	22	10	462	<0.005	
D137756		98.46	<0.5	13	<0.5	28	7	50	16	67	7	4	10	639	<0.005	
D137757		98.78	<0.5	8	0.8	34	24	50	21	102	16	10	10	772	<0.005	
D137758		99.91	<0.5	9	<0.5	33	21	30	8	101	6	6	<10	703	<0.005	
D137759		99.65	<0.5	10	0.6	32	27	80	19	113	15	6	10	726	<0.005	
D137760		100.18	<0.5	<5	<0.5	<1	<1	20	<1	2	9	<1	<10	29	0.005	
D137761		97.64	<0.5	7	1.4	68	105	50	14	270	42	20	<10	531	<0.005	
D137762		97.26	<0.5	<5	1.6	61	101	30	7	170	35	16	<10	453	<0.005	
D137763		98.04	<0.5	11	1.1	58	78	30	6	148	21	32	<10	403	<0.005	
D137764		99.11	<0.5	16	0.8	50	44	50	14	159	48	17	10	296	<0.005	
D137765		98.40	<0.5	8	1.4	54	78	30	5	215	16	20	<10	618	0.005	
D137766		99.39	<0.5	13	0.6	46	62	40	8	188	109	15	10	428	<0.005	
D137767		98.27	<0.5	13	<0.5	50	62	60	9	172	11	9	<10	512	<0.005	
D137768		96.76	<0.5	9	0.7	56	73	10	4	215	11	23	<10	454	<0.005	
D137769		98.39	<0.5	6	1.7	81	154	20	16	370	16	29	<10	502	0.005	
D137770		98.31	<0.5	171	<0.5	214	3090	20	62	83	7	17	<10	25	0.178	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137771		2.28	>10000	1840	320	5.53	37.2	15.75	22.2	19.9	59.5	5.7	6.09	948	1.17	881
D137772		2.60	9930	1005	330	4.55	18.85	8.08	11.50	19.2	31.1	5.2	3.22	456	0.57	1155
D137773		2.33	1320	2320	110	1.35	33.8	13.40	23.3	14.5	52.4	9.1	5.49	1100	1.20	>2500
D137774		2.34	4460	2870	220	1.42	36.0	15.25	24.4	15.9	57.2	3.7	5.89	1775	1.00	1915
D137775		<0.02	4430	2660	230	1.41	35.3	15.60	24.0	15.7	54.9	3.8	5.80	1625	1.04	2000
D137776		2.28	>10000	1330	670	4.40	25.4	12.00	14.35	15.1	37.3	4.0	4.41	705	1.03	382
D137777		2.16	9750	1840	520	4.42	33.1	14.35	19.60	18.4	51.0	4.5	5.69	984	1.03	685
D137778		2.23	3710	8010	160	1.74	160.0	68.6	94.6	25.3	248	4.7	26.7	4210	4.22	544
D137779		2.82	8310	7910	230	3.13	156.5	68.2	92.0	37.5	239	3.4	26.2	4220	4.28	519
D137780		0.30	1730	65.7	<10	0.87	1.46	0.59	0.94	0.3	2.24	0.1	0.24	34.5	0.04	7.3
D137781		2.35	9250	3810	500	4.07	73.5	31.5	43.1	27.7	114.0	4.4	12.35	2060	2.27	619
D137782		2.37	>10000	2490	260	4.85	46.2	20.2	28.5	23.1	71.5	3.6	7.50	1335	1.34	974
D137783		2.15	459	1170	120	1.31	21.1	9.15	12.65	12.8	32.1	2.2	3.47	629	0.66	605
D137784		2.17	9080	5060	210	3.40	109.5	48.7	62.3	30.8	165.0	4.5	18.50	2740	3.26	1385
D137785		3.31	>10000	3660	220	4.64	68.5	30.1	40.4	27.4	106.0	4.9	11.35	2020	2.03	1045
D137786		2.11	5070	1425	180	3.35	21.3	9.14	13.70	21.4	32.9	3.5	3.63	792	0.79	677
D137787		1.28	>10000	3070	170	3.38	57.4	23.9	35.2	22.4	88.9	2.4	9.20	1710	1.65	1070
D137788		2.19	6960	3200	200	2.72	63.6	27.8	38.0	23.0	98.4	2.8	10.75	1685	1.83	990
D137789		2.49	>10000	3790	290	4.33	79.9	34.8	46.8	27.1	122.5	4.0	13.30	1985	2.37	760
D137790		<0.02	1045	5000	600	0.38	52.6	12.65	75.3	48.3	156.5	13.5	6.45	3710	0.67	1445
D137791		2.23	9850	2720	360	4.49	38.0	15.75	25.4	25.1	63.4	5.2	5.86	1490	1.04	1390
D137792		2.26	>10000	3760	280	5.05	71.6	30.7	42.5	28.7	111.0	4.1	11.80	1995	2.06	983
D137793		2.34	>10000	4050	150	5.85	72.7	30.7	44.3	30.0	114.0	4.4	12.10	2130	2.04	1355
D137794		1.53	9070	4420	320	3.97	94.5	40.5	52.6	29.4	138.5	4.3	15.75	2360	2.67	1355
D137795		1.84	3890	1825	50	0.95	16.60	6.71	13.35	13.8	28.7	2.6	2.66	947	0.65	2470
D137796		3.36	>10000	2130	310	4.36	45.0	18.60	27.0	22.7	68.9	5.3	7.27	1125	1.27	1400
D137797		2.51	8170	2900	670	4.81	56.0	24.3	34.4	23.9	87.1	4.5	9.27	1550	1.62	800
D137798		2.46	>10000	2250	630	6.21	44.1	18.90	27.1	24.2	70.0	4.4	7.31	1205	1.29	873
D137799		2.33	>10000	1630	560	7.10	32.1	12.85	19.65	23.3	49.0	6.8	5.27	852	0.90	1230
D137800		0.24	270	16.1	10	0.66	0.41	0.19	0.21	0.3	0.63	0.1	0.08	8.3	0.02	7.6
D137801		2.00	8680	1530	400	5.15	34.1	15.05	20.2	19.9	51.5	6.5	5.74	790	1.02	1055
D137802		2.84	8070	1560	180	4.67	27.7	11.60	18.55	19.1	45.1	2.6	4.71	811	0.90	997
D137803		2.37	9740	2770	220	5.23	55.5	23.8	33.7	22.2	83.6	2.4	9.02	1470	1.62	813
D137804		2.38	3810	5170	230	2.50	105.5	44.4	65.3	25.9	165.0	2.3	17.25	2710	2.78	415
D137805		2.44	3440	1475	150	2.76	27.1	12.00	17.10	16.0	42.5	2.0	4.63	778	0.91	567
D137806		2.37	6190	1205	240	3.80	23.3	10.15	14.60	17.4	36.3	2.6	3.91	648	0.85	506
D137807		2.07	5800	1265	280	3.75	25.9	11.40	15.15	17.9	39.3	3.2	4.33	707	0.95	386
D137808		1.62	1570	4090	110	1.35	78.4	32.5	50.8	22.2	124.0	5.1	12.75	2040	2.13	>2500
D137809		1.66	2870	3390	100	0.95	37.5	16.50	27.0	20.1	60.0	3.6	6.25	2150	1.24	1150
D137810		<0.02	1105	5330	620	0.43	55.9	13.15	78.1	52.2	162.5	13.7	6.51	3930	0.67	1510



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137771		636	190.0	231	90.1	5	1255	18.6	7.18	79.4	1.80	12.80	306	2	151.0	10.35
D137772		337	103.0	213	48.2	6	909	23.2	3.81	63.3	0.90	19.85	417	3	75.4	5.60
D137773		719	226	57.3	94.8	4	3990	102.0	6.62	483	1.63	191.0	184	4	126.0	9.96
D137774		813	264	69.3	104.0	3	3610	27.2	6.76	164.5	1.73	41.7	145	4	144.5	10.05
D137775		752	243	71.8	97.3	3	3560	29.2	6.87	177.0	1.72	44.3	154	4	139.0	10.10
D137776		415	127.5	181.0	59.3	3	1710	6.5	4.55	39.4	1.41	4.79	218	4	116.5	8.89
D137777		594	181.5	184.5	82.3	4	1520	13.7	6.03	100.0	1.73	6.67	286	3	136.0	9.19
D137778		2800	914	75.1	398	5	4260	10.8	30.3	724	7.78	52.7	358	3	662	41.9
D137779		2800	820	138.0	367	3	4330	11.7	30.3	573	7.83	47.9	330	3	758	40.8
D137780		23.0	6.84	2.3	3.39	<1	251	0.2	0.30	5.21	0.07	1.62	9	<1	6.7	0.45
D137781		1220	397	179.0	171.5	3	2930	16.8	14.50	217	3.65	47.6	363	4	359	19.85
D137782		801	247	219	112.0	2	2130	20.8	9.28	143.0	2.31	25.1	244	6	207	12.65
D137783		357	113.0	29.3	49.0	1	1775	7.2	4.04	62.1	1.06	15.35	126	13	96.4	5.73
D137784		1660	528	132.5	239	3	3100	43.2	21.3	365	5.51	151.0	306	7	542	29.8
D137785		1175	380	196.0	161.0	3	2160	13.0	13.40	185.5	3.38	16.20	334	12	309	17.75
D137786		418	132.5	108.0	54.2	2	2300	9.9	4.39	60.7	1.08	4.33	244	3	94.1	6.68
D137787		969	299	171.5	135.5	1	1730	12.7	11.10	237	2.80	18.75	152	5	248	14.75
D137788		1055	332	126.5	151.0	3	1880	30.4	12.55	385	3.05	104.0	232	5	286	16.20
D137789		1270	401	198.0	184.5	4	2920	12.0	15.75	392	4.06	28.9	370	5	378	21.4
D137790		2620	740	6.1	358	29	738	23.6	13.90	244	1.13	6.02	375	4	130.5	5.44
D137791		817	267	202	106.5	3	2010	16.8	7.99	144.0	1.77	12.70	344	8	152.0	9.48
D137792		1220	396	231	170.0	4	2430	17.4	14.15	236	3.60	23.9	370	2	335	19.25
D137793		1325	421	241	180.5	4	2520	36.5	14.50	220	3.57	36.2	501	10	323	18.30
D137794		1455	463	185.0	207	3	2660	38.4	17.70	274	4.55	145.0	313	3	455	24.3
D137795		515	170.0	48.2	57.5	1	2140	23.6	3.56	67.3	0.79	8.05	63	5	62.4	5.24
D137796		708	213	180.0	102.5	4	1845	34.5	8.64	206	2.07	162.0	351	4	198.5	11.40
D137797		952	290	210	132.0	5	2390	19.4	11.25	121.5	2.74	45.9	533	3	257	14.65
D137798		738	225	279	106.0	6	2290	15.9	8.82	103.5	2.17	38.9	473	2	199.0	11.55
D137799		533	161.0	334	77.3	5	1795	21.5	6.23	117.5	1.55	31.9	401	3	136.5	8.66
D137800		5.7	1.66	3.9	0.89	<1	126.0	0.2	0.08	1.18	0.02	0.68	7	<1	2.3	0.14
D137801		520	154.0	253	78.2	5	2510	19.1	6.62	147.0	1.75	51.5	301	2	148.5	9.36
D137802		501	152.5	211	69.0	2	2200	13.3	5.84	111.5	1.39	20.9	199	2	121.5	7.49
D137803		911	277	223	132.5	2	2700	11.6	10.80	144.5	2.70	17.95	256	2	245	14.20
D137804		1860	548	119.0	252	2	4900	7.8	20.5	280	4.94	46.2	199	2	497	25.7
D137805		471	145.5	104.0	67.3	1	2860	7.9	5.47	92.6	1.41	36.3	181	3	122.0	8.11
D137806		392	119.0	166.5	56.3	3	2870	5.1	4.62	74.3	1.19	6.61	262	3	106.5	6.68
D137807		405	124.5	156.5	58.7	2	3310	5.1	4.89	67.2	1.32	12.25	221	3	118.5	7.59
D137808		1355	434	46.1	194.0	3	5620	109.0	15.60	700	3.73	918	147	5	354	19.15
D137809		923	308	78.9	111.0	1	3520	8.0	7.76	47.2	1.86	4.22	92	4	158.0	10.15
D137810		2820	787	6.4	384	30	779	24.6	14.30	255	1.21	6.51	386	4	140.0	5.77



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	
D137771		367	28.3	8.13	21.2	9.18	13.10	0.30	4.75	0.044	2.34	0.90	2.33	0.16	1.53	4.37
D137772		355	26.4	7.38	30.8	6.69	11.00	0.36	4.15	0.049	3.08	1.02	1.19	0.13	1.16	6.00
D137773		683	25.9	3.96	16.60	21.2	7.50	0.79	1.51	0.016	1.81	0.72	2.45	0.50	0.16	8.33
D137774		280	22.6	6.43	12.75	23.8	5.42	1.22	1.86	0.033	1.07	0.65	2.49	0.46	0.54	16.35
D137775		303	23.2	6.65	13.30	23.3	5.67	1.20	1.94	0.035	1.12	0.66	2.44	0.46	0.55	16.05
D137776		195	28.1	7.57	15.40	13.85	13.10	0.30	3.84	0.094	1.90	0.75	1.16	0.21	1.33	6.69
D137777		244	31.7	8.88	17.10	11.90	12.20	0.60	4.17	0.077	2.38	0.74	1.72	0.19	1.09	4.68
D137778		338	21.0	2.53	20.1	23.8	7.58	0.43	1.53	0.026	1.92	0.79	12.00	0.60	0.48	3.95
D137779		226	24.1	4.87	16.00	21.4	10.30	0.40	3.01	0.036	1.82	0.69	11.30	0.51	0.89	3.21
D137780		4	21.6	0.15	0.28	26.1	18.75	0.03	0.06	<0.002	0.03	0.06	0.09	0.03	0.18	31.5
D137781		236	27.9	6.99	16.35	15.60	11.60	0.67	3.89	0.072	2.41	0.73	5.12	0.35	0.98	4.32
D137782		244	30.5	8.41	12.80	13.85	13.05	0.61	4.80	0.039	1.97	0.66	3.46	0.24	1.22	6.77
D137783		126	13.05	4.13	12.85	23.4	8.93	0.06	0.73	0.018	1.30	0.71	1.55	0.21	0.05	26.9
D137784		347	22.6	7.22	14.15	17.75	8.14	0.10	3.04	0.032	2.31	0.41	8.20	0.37	0.95	9.06
D137785		261	25.4	8.65	13.40	13.65	11.40	0.22	4.51	0.034	2.75	0.55	4.84	0.26	1.44	7.67
D137786		195	35.4	13.15	11.90	12.65	8.17	0.99	3.47	0.026	1.85	0.46	1.47	0.25	0.50	7.92
D137787		173	32.2	11.90	12.45	11.85	9.56	0.45	5.16	0.027	1.80	0.43	3.99	0.20	1.19	9.16
D137788		199	22.1	7.52	15.85	15.80	9.01	0.12	3.16	0.031	1.77	0.52	4.29	0.23	0.73	12.95
D137789		285	24.8	6.42	18.15	15.50	11.90	0.21	4.16	0.044	2.44	0.76	5.02	0.33	1.19	7.41
D137790		561	29.2	11.50	50.5	1.85	1.86	0.24	50.5	0.087	3.17	0.13	1.17	0.09	0.12	1.05
D137791		258	27.1	8.98	14.10	12.50	11.60	0.38	4.50	0.053	3.18	0.63	1.69	0.24	1.04	8.85
D137792		245	26.8	9.07	14.55	12.85	12.65	0.34	5.07	0.043	2.80	0.67	4.93	0.30	1.33	5.43
D137793		279	24.4	7.66	13.75	13.45	12.95	0.20	4.84	0.023	4.24	0.67	5.05	0.29	1.44	6.69
D137794		263	26.5	8.71	12.45	14.40	10.35	0.22	4.25	0.048	2.08	0.41	7.08	0.32	0.94	7.52
D137795		137	24.2	8.08	13.25	17.85	6.45	0.81	2.01	0.009	1.10	0.81	0.21	0.25	0.40	19.90
D137796		369	26.1	8.11	15.95	13.30	11.15	0.16	3.82	0.047	2.45	0.52	4.02	0.22	1.18	10.90
D137797		257	28.2	6.31	21.3	12.80	13.20	0.31	4.42	0.095	3.04	0.91	5.49	0.27	0.87	3.15
D137798		251	30.2	7.25	19.60	11.25	13.80	0.29	5.14	0.086	2.94	0.89	4.33	0.25	1.12	2.67
D137799		439	31.7	8.33	18.80	8.72	14.20	0.32	6.07	0.079	3.19	0.84	2.83	0.20	1.37	3.21
D137800		5	6.61	0.12	0.19	29.5	22.5	0.04	0.07	<0.002	0.03	0.06	0.04	0.01	0.03	41.9
D137801		652	28.6	7.08	18.60	11.35	12.90	0.37	5.40	0.071	2.70	0.81	3.57	0.35	1.06	4.30
D137802		164	34.0	9.72	14.45	10.90	11.50	0.97	4.55	0.027	1.66	0.62	2.48	0.25	0.87	6.29
D137803		143	29.9	8.24	15.75	12.40	11.80	0.62	4.47	0.032	1.58	0.60	4.49	0.31	0.99	5.98
D137804		168	26.0	6.29	13.35	21.3	7.71	0.79	2.69	0.034	0.90	0.49	10.85	0.55	0.40	6.92
D137805		111	37.7	10.60	12.75	14.40	8.80	1.43	2.99	0.022	0.88	0.63	2.28	0.31	0.36	6.74
D137806		135	36.7	10.75	14.25	12.95	10.65	1.07	4.00	0.035	1.53	0.75	2.01	0.32	0.65	5.43
D137807		162	38.1	10.65	11.45	14.70	10.80	1.24	3.91	0.041	1.30	0.71	2.23	0.36	0.60	5.26
D137808		359	29.7	7.03	9.70	26.9	6.27	1.19	1.58	0.017	0.89	0.52	9.79	0.64	0.18	6.85
D137809		232	19.05	6.22	7.82	26.6	6.27	0.86	2.51	0.016	0.55	0.87	0.91	0.42	0.31	24.6
D137810		623	29.0	11.50	50.3	1.85	1.86	0.24	0.16	0.086	3.16	0.13	1.16	0.09	0.12	1.09



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137771		96.63	<0.5	9	1.4	71	123	10	3	268	8	20	10	493	0.006	
D137772		99.41	<0.5	9	2.5	136	258	20	8	546	11	24	<10	643	<0.005	
D137773		91.45	<0.5	10	2.0	118	199	50	14	350	24	31	<10	361	<0.005	0.59
D137774		95.67	<0.5	9	1.3	48	82	30	53	149	134	14	<10	288	0.005	
D137775		96.58	<0.5	11	1.3	50	83	30	53	156	124	15	<10	294	<0.005	
D137776		94.29	<0.5	12	1.1	62	72	20	6	459	21	24	<10	386	0.005	
D137777		97.43	<0.5	12	1.0	45	66	40	5	300	20	25	<10	415	0.005	
D137778		96.74	<0.5	30	1.1	60	82	10	5	208	56	23	<10	272	<0.005	
D137779		98.54	<0.5	26	1.0	43	47	20	6	196	48	17	<10	361	<0.005	
D137780		98.86	<0.5	<5	<0.5	<1	1	10	<1	2	3	<1	<10	27	<0.005	
D137781		96.98	<0.5	22	1.0	44	52	40	5	287	37	21	<10	392	0.005	
D137782		98.38	<0.5	39	1.1	65	94	30	8	230	24	18	<10	305	<0.005	
D137783		93.89	<0.5	25	<0.5	36	62	20	64	116	22	8	<10	19	<0.005	
D137784		94.33	<0.5	37	<0.5	76	152	30	33	264	53	16	<10	112	<0.005	
D137785		94.77	<0.5	14	<0.5	64	91	20	8	190	23	20	<10	158	<0.005	
D137786		98.21	<0.5	8	<0.5	41	77	130	12	143	12	20	<10	214	0.005	
D137787		100.37	<0.5	15	<0.5	51	31	50	12	127	26	9	<10	116	<0.005	
D137788		94.08	<0.5	23	<0.5	69	51	30	41	210	42	14	<10	94	<0.005	
D137789		98.33	<0.5	16	<0.5	75	101	20	12	220	29	16	10	178	<0.005	
D137790		101.13	<0.5	46	<0.5	20	63	10	49	149	127	49	<10	253	NSS	
D137791		94.84	<0.5	9	<0.5	54	76	40	11	231	18	20	<10	208	0.005	
D137792		96.83	<0.5	14	<0.5	33	37	40	5	138	21	17	<10	209	<0.005	
D137793		95.65	<0.5	13	<0.5	52	64	10	5	227	26	12	<10	202	<0.005	
D137794		95.28	<0.5	18	<0.5	63	107	40	10	313	39	17	<10	140	<0.005	
D137795		95.33	<0.5	20	<0.5	58	48	60	19	141	6	11	<10	39	<0.005	
D137796		97.93	<0.5	17	0.5	61	73	30	26	223	33	12	<10	253	<0.005	
D137797		100.37	<0.5	13	<0.5	35	42	10	5	245	16	18	<10	304	<0.005	
D137798		99.82	<0.5	10	1.2	29	28	10	5	235	13	17	<10	474	<0.005	
D137799		99.86	<0.5	9	3.3	38	35	20	13	167	12	18	<10	753	<0.005	
D137800		101.10	<0.5	<5	<0.5	<1	<1	20	<1	1	3	<1	<10	10	<0.005	
D137801		97.16	<0.5	14	0.6	45	44	20	6	170	14	18	<10	333	<0.005	
D137802		98.29	<0.5	8	1.8	56	92	60	8	146	20	18	<10	418	<0.005	
D137803		97.16	<0.5	15	0.7	59	91	30	5	157	21	19	<10	254	0.006	
D137804		98.27	<0.5	24	0.7	46	70	30	10	155	33	18	<10	173	<0.005	
D137805		99.89	<0.5	13	2.2	52	84	50	8	123	25	21	<10	359	0.006	
D137806		101.10	<0.5	9	0.6	44	66	50	7	119	16	23	<10	245	<0.005	
D137807		101.35	<0.5	7	1.3	28	40	60	9	158	24	27	<10	442	<0.005	
D137808		101.26	<0.5	21	0.8	65	106	40	12	165	78	22	<10	125	<0.005	0.39
D137809		97.01	<0.5	15	9.0	26	28	60	50	98	57	12	<10	1540	0.005	
D137810		100.75	<0.5	47	<0.5	20	62	10	48	145	122	48	<10	249	NSS	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137811		1.27	956	2520	110	0.58	28.2	13.00	20.4	16.4	47.8	4.5	4.86	1480	1.36	643
D137812		2.14	708	2570	150	1.54	25.7	11.30	18.25	17.1	41.8	3.0	4.28	1585	0.97	740
D137813		1.88	1005	4000	180	2.24	56.8	23.3	37.7	24.8	90.5	3.8	9.25	2320	1.27	>2500
D137814		2.93	4960	2180	260	4.20	26.6	11.35	19.20	22.0	44.0	5.2	4.36	1125	0.93	>2500
D137815		2.50	5310	2530	210	4.20	30.0	11.90	21.2	25.3	48.9	6.4	4.74	1300	1.01	>2500
D137816		2.53	4440	1780	240	3.98	19.40	7.64	14.80	24.0	32.0	6.4	3.15	932	0.75	1915
D137817		2.39	8900	1320	600	5.33	24.5	10.65	15.80	23.0	39.3	4.1	4.21	764	0.85	753
D137818		2.37	7640	1765	470	4.78	34.0	13.85	21.6	22.0	54.9	3.9	5.65	911	0.98	988
D137819		2.36	6890	1315	620	5.50	16.65	7.26	11.15	19.9	25.8	3.4	2.78	703	0.59	1500
D137820		0.25	93.4	12.6	10	0.28	0.26	0.12	0.14	0.7	0.39	0.1	0.04	7.2	<0.01	9.3
D137821		2.44	2520	2610	330	1.92	31.8	13.70	21.8	21.3	51.6	6.3	5.66	1815	1.19	1210
D137822		1.30	2080	4470	340	2.26	56.3	19.80	39.3	26.4	90.5	5.5	9.05	2250	1.38	>2500
D137823		1.77	3300	630	80	3.56	10.25	4.79	6.47	17.2	15.35	4.3	1.81	345	0.58	568
D137824		2.23	3270	713	110	2.66	12.30	5.70	7.50	18.9	18.35	4.9	2.14	384	0.68	731
D137825		<0.02	3240	670	100	2.74	12.10	5.69	7.16	17.8	18.05	4.8	1.94	348	0.58	701
D137826		1.58	4440	3680	250	3.08	46.9	16.75	32.7	25.9	76.5	4.4	7.25	1890	1.15	>2500
D137827		2.31	3390	2760	220	2.35	27.9	10.45	21.9	20.8	48.6	6.5	4.36	1365	0.95	>2500
D137828		2.50	4960	1670	290	3.14	25.5	10.25	16.75	19.9	40.1	7.3	4.15	840	0.99	1745
D137829		2.53	6490	1280	700	3.55	27.1	11.70	16.35	24.1	41.9	5.0	4.55	682	0.95	678
D137830		0.06	8830	86.0	40	0.76	3.60	2.34	8.61	1.39	20.0	4.29	3.6	89.9	0.35	8.0
D137831		2.47	4880	1830	360	2.96	24.6	10.15	16.70	21.7	39.3	6.4	3.92	907	0.86	1615
D137832		2.40	5280	1830	230	3.12	21.8	8.72	16.25	24.3	37.2	6.0	3.45	930	0.80	1685
D137833		2.40	6140	2440	310	3.67	33.1	13.40	22.9	23.0	53.7	6.3	5.38	1245	1.05	2140
D137834		2.35	2170	1620	170	1.58	20.8	8.28	15.25	23.7	35.8	4.3	3.33	935	0.76	1070
D137835		2.42	2440	2460	80	1.76	22.7	8.11	19.50	21.6	40.5	6.8	3.43	1320	0.96	2020
D137836		2.49	2080	1830	130	1.11	20.1	8.26	15.35	16.3	34.3	8.5	3.33	963	1.04	1635
D137837		2.49	3210	1485	160	2.54	17.50	7.39	12.45	17.0	28.2	8.1	2.86	773	0.90	1555
D137838		2.39	3350	1075	350	2.37	17.90	7.75	11.95	18.3	28.5	7.0	3.01	546	0.88	1010
D137839		2.58	3350	1725	170	2.19	21.9	8.54	16.10	20.5	36.9	5.7	3.53	901	0.76	1440
D137840		0.31	112.5	14.0	<10	0.20	0.25	0.16	0.12	0.7	0.39	0.1	0.04	7.5	0.01	10.8
D137841		2.19	3900	691	240	2.69	13.85	6.68	8.61	16.8	20.5	6.2	2.53	374	0.86	750
D137842		2.40	3680	923	400	2.55	13.95	6.32	9.38	20.1	22.1	5.0	2.28	511	0.70	745
D137843		2.58	4520	1005	360	2.99	18.05	7.92	11.80	19.7	28.1	5.4	2.98	502	0.80	1085
D137844		2.53	4220	682	520	2.62	14.05	6.71	8.53	18.7	21.0	5.6	2.48	347	0.78	674
D137845		2.48	2520	1755	210	2.00	14.00	5.95	11.50	22.0	25.5	5.6	2.41	1145	0.63	1425
D137846		2.51	2020	740	270	2.08	10.25	4.49	6.60	18.7	15.10	5.7	1.71	384	0.63	674
D137847		2.17	2570	1570	140	2.24	18.60	7.59	13.85	21.8	31.1	5.8	3.06	845	0.66	1415
D137848		3.65	>10000	1370	350	5.28	20.4	9.32	12.80	17.5	30.8	3.9	3.64	823	0.75	461
D137849		3.55	2250	1560	350	2.32	17.30	7.79	11.70	16.4	26.1	6.3	3.18	788	0.99	1800
D137850		<0.02	1130	5240	570	0.45	51.0	12.35	74.5	50.0	151.0	14.1	6.66	3850	0.66	1540



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137811		714	232	40.8	84.6	1	1635	3.8	5.91	34.5	1.59	24.5	85	6	133.0	10.05
D137812		704	231	32.6	79.7	1	1095	5.3	5.43	38.2	1.42	6.97	109	8	113.0	8.15
D137813		1170	390	97.4	149.0	2	4770	20.2	11.75	165.0	2.51	12.65	138	9	242	12.80
D137814		649	207	185.0	78.4	4	4100	23.4	5.60	125.5	1.27	6.03	322	10	109.5	6.91
D137815		741	239	185.0	89.1	3	3560	27.2	6.34	172.0	1.41	8.80	281	13	118.0	7.81
D137816		510	164.5	159.5	58.9	4	2700	21.0	4.29	104.5	0.91	7.48	297	9	74.3	5.35
D137817		421	127.5	220	60.1	5	4210	7.4	4.93	77.5	1.23	6.23	444	5	111.0	6.88
D137818		597	176.5	200	83.8	4	2640	11.1	6.85	199.0	1.65	9.67	359	4	144.5	8.58
D137819		377	122.0	284	44.6	2	2250	17.6	3.49	94.8	0.86	5.66	272	8	67.5	5.35
D137820		4.1	1.23	2.6	0.61	<1	110.0	0.1	0.05	1.17	0.01	0.45	9	3	1.2	0.08
D137821		679	240	104.5	84.0	4	3050	11.3	6.41	88.9	1.74	43.2	321	8	146.0	8.81
D137822		1375	448	86.9	154.0	3	1730	49.6	11.65	394	2.31	9.61	461	10	203	10.95
D137823		190.5	62.8	110.0	24.7	2	1960	14.3	1.96	66.2	0.61	10.10	97	3	47.7	3.77
D137824		217	66.8	111.0	29.2	2	2130	19.2	2.35	101.0	0.72	14.10	130	3	55.0	4.72
D137825		207	63.3	108.5	27.5	2	2130	18.3	2.28	104.0	0.71	14.15	124	3	53.9	4.64
D137826		1070	369	118.0	132.0	2	2630	41.1	10.30	315	1.87	7.62	344	6	154.5	9.38
D137827		797	262	86.6	91.1	2	3100	33.6	6.35	223	1.25	5.58	201	4	103.0	7.63
D137828		525	163.0	110.5	68.5	4	1950	20.9	5.36	147.0	1.19	6.64	371	5	98.9	7.25
D137829		439	128.5	132.0	63.6	6	2870	7.7	5.25	112.5	1.38	8.13	655	3	118.5	7.53
D137830		23.0	6.92	106.5	4.29	5	103.0	0.6	0.65	9.40	0.31	18.00	293	48	21.8	2.53
D137831		570	178.0	103.5	70.5	4	3060	25.9	5.00	144.5	1.22	8.62	424	6	95.3	6.76
D137832		550	173.0	114.0	66.5	4	2650	24.4	4.81	123.0	1.02	7.42	403	11	85.7	6.05
D137833		758	236	130.0	93.7	3	3520	35.6	7.02	187.0	1.54	11.20	304	4	126.5	8.41
D137834		478	152.0	57.5	61.4	2	3640	17.4	4.51	62.4	0.90	4.80	233	5	79.1	5.95
D137835		698	227	47.3	82.3	1	2780	26.9	5.21	104.0	1.05	5.00	165	5	79.4	6.26
D137836		533	172.0	40.6	65.4	3	2790	22.6	4.50	93.4	1.06	3.36	232	5	77.7	7.16
D137837		435	141.0	81.8	51.3	3	2650	26.4	3.65	97.5	0.96	7.32	260	7	68.3	6.49
D137838		347	105.0	81.4	46.6	4	2630	17.3	3.53	78.1	0.96	6.56	320	4	73.6	6.47
D137839		517	164.0	82.2	64.7	3	2380	21.3	4.71	89.0	1.04	5.48	288	9	84.3	5.99
D137840		4.5	1.42	1.2	0.66	<1	130.0	0.3	0.04	0.87	0.01	0.34	7	<1	1.3	0.15
D137841		227	67.4	96.1	33.2	4	1615	12.9	2.79	50.3	0.87	6.40	375	4	63.3	5.24
D137842		277	86.2	84.0	37.4	3	2490	9.4	2.82	52.3	0.75	3.61	344	5	57.6	4.99
D137843		333	99.6	105.5	46.8	5	3090	16.9	3.69	74.6	1.04	4.47	454	4	77.0	5.84
D137844		225	67.4	85.8	32.8	5	2950	10.2	2.85	45.1	0.85	3.95	474	4	63.7	5.32
D137845		441	151.0	74.2	48.6	4	3270	23.1	3.12	64.6	0.76	4.27	322	6	54.6	4.70
D137846		219	68.2	71.8	28.3	4	2720	10.7	2.06	34.3	0.62	3.27	416	4	43.2	4.34
D137847		460	147.0	82.2	57.7	4	1805	17.0	3.93	64.1	0.88	4.11	384	17	76.5	5.33
D137848		406	127.0	189.5	53.0	3	3260	4.1	3.92	30.5	1.19	2.25	239	5	97.3	6.24
D137849		456	149.0	103.0	52.7	3	3620	23.8	3.33	92.9	1.09	3.35	288	10	82.2	6.55
D137850		2810	776	6.0	389	31	790	24.5	13.05	258	1.20	5.90	365	4	138.5	5.50



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137811		407	16.20	4.09	9.13	22.0	10.60	0.60	1.42	0.018	0.28	0.76	1.27	0.20	0.11	28.8
D137812		247	20.0	5.14	10.40	20.8	9.23	0.34	1.26	0.023	0.69	1.01	1.16	0.12	0.08	28.1
D137813		302	16.75	4.58	11.70	25.8	7.64	0.43	2.00	0.026	1.22	0.95	5.78	0.53	0.11	20.6
D137814		343	28.6	5.27	20.5	16.65	9.50	0.58	3.51	0.038	3.00	0.80	2.22	0.46	0.53	7.70
D137815		465	26.2	4.65	20.2	15.10	9.47	0.54	3.45	0.031	2.86	0.75	2.17	0.42	0.55	8.71
D137816		418	34.4	10.20	16.30	13.30	8.53	1.46	3.59	0.034	2.70	0.67	0.91	0.29	0.47	7.34
D137817		278	28.0	5.46	21.3	14.85	10.45	0.88	4.04	0.081	2.80	0.91	3.08	0.46	0.95	6.82
D137818		271	28.8	6.38	20.3	12.85	10.60	0.41	3.92	0.072	2.56	0.78	2.93	0.33	0.85	5.98
D137819		178	31.7	8.74	15.30	10.50	10.85	0.72	5.51	0.087	3.00	0.64	0.43	0.28	0.76	7.72
D137820		3	28.4	0.09	0.28	24.9	22.5	0.03	0.05	<0.002	0.02	0.07	0.02	0.01	0.01	24.7
D137821		651	25.6	7.21	16.90	17.55	6.51	0.95	2.78	0.045	1.77	0.71	1.63	0.34	0.26	11.30
D137822		325	28.0	7.34	17.00	14.00	7.09	1.00	2.40	0.047	4.75	0.50	0.84	0.19	0.21	10.50
D137823		317	44.0	16.60	8.47	8.82	3.53	4.25	4.46	0.012	1.01	0.33	0.62	0.23	0.39	7.69
D137824		363	43.2	16.05	10.95	8.15	4.33	3.77	4.54	0.015	1.23	0.37	0.66	0.24	0.36	7.00
D137825		365	43.3	16.05	10.90	8.22	4.29	3.77	4.53	0.014	1.18	0.38	0.67	0.24	0.36	6.99
D137826		281	29.3	6.75	18.00	13.15	8.08	0.78	2.82	0.035	3.46	0.52	1.26	0.29	0.43	9.03
D137827		407	32.1	5.25	13.85	17.35	8.87	1.00	2.31	0.031	2.34	0.54	1.02	0.35	0.34	8.10
D137828		450	33.7	5.32	20.6	14.80	10.55	0.65	2.43	0.041	2.82	0.83	1.05	0.22	0.53	6.03
D137829		342	28.5	5.35	24.8	14.85	9.89	0.58	2.79	0.092	3.16	1.12	2.03	0.32	0.69	4.35
D137830		140	42.7	11.10	24.7	6.21	2.16	1.84	4.27	0.006	0.89	0.33	0.17	0.01	0.97	5.53
D137831		360	31.8	6.96	19.70	15.10	9.70	1.01	2.50	0.055	3.30	0.85	1.14	0.35	0.55	5.86
D137832		321	32.5	9.69	19.25	12.35	9.44	1.32	3.01	0.033	3.55	0.78	0.57	0.29	0.56	6.81
D137833		362	29.9	7.04	17.70	15.70	9.28	0.82	2.92	0.045	2.90	0.70	1.46	0.41	0.63	7.32
D137834		272	38.6	13.05	12.10	14.30	7.83	1.78	2.85	0.024	2.21	0.62	0.70	0.41	0.24	6.71
D137835		360	38.4	9.99	10.95	16.15	8.74	2.01	2.10	0.011	2.16	0.53	0.19	0.31	0.27	8.29
D137836		472	36.4	5.68	15.80	18.25	9.46	1.34	1.46	0.018	2.41	0.69	0.13	0.32	0.23	7.01
D137837		513	37.3	6.27	15.40	17.50	10.20	1.16	2.20	0.023	2.69	0.74	0.20	0.30	0.35	6.23
D137838		458	35.0	7.83	17.35	16.15	9.25	1.05	2.48	0.051	2.26	0.77	0.79	0.30	0.37	6.20
D137839		312	32.0	9.23	15.85	15.95	7.76	1.14	2.70	0.025	2.77	0.68	0.70	0.27	0.37	8.81
D137840		5	13.60	0.13	0.21	29.6	21.3	0.03	0.04	<0.002	0.02	0.06	<0.01	0.01	0.01	35.3
D137841		434	28.0	5.47	23.2	14.20	8.40	0.58	2.44	0.036	2.22	0.86	0.57	0.19	0.40	8.75
D137842		308	35.5	8.62	18.00	14.90	9.34	1.25	2.54	0.058	2.32	0.81	0.46	0.29	0.40	6.39
D137843		354	32.4	7.47	20.5	15.95	9.39	0.96	2.71	0.051	2.78	0.95	1.03	0.35	0.48	5.90
D137844		396	33.5	7.67	20.6	14.65	9.17	1.35	2.42	0.075	2.77	0.99	0.49	0.33	0.45	5.26
D137845		333	35.4	11.70	15.65	13.65	7.54	1.65	2.77	0.031	2.56	0.75	0.27	0.37	0.28	6.30
D137846		355	35.0	9.88	17.80	13.25	8.03	1.35	2.61	0.042	2.77	0.87	0.26	0.34	0.23	5.44
D137847		269	33.6	10.40	17.85	13.65	8.00	1.43	2.76	0.020	3.98	0.74	0.58	0.21	0.29	7.39
D137848		205	29.8	7.93	13.70	16.25	11.45	0.45	4.26	0.055	2.04	0.80	0.82	0.39	1.11	9.56
D137849		406	27.1	6.16	12.40	20.3	7.67	0.88	2.73	0.055	2.51	0.65	0.21	0.43	0.24	17.00
D137850		679	28.5	11.15	49.6	1.81	1.81	0.22	0.18	0.086	3.09	0.13	1.11	0.09	0.12	1.11



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10	
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137811		95.48	<0.5	35	<0.5	22	25	30	715	86	33	13	<10	27	0.005	
D137812		98.35	<0.5	18	<0.5	24	17	20	45	87	20	10	<10	11	<0.005	
D137813		98.12	<0.5	29	<0.5	42	29	30	37	164	32	10	<10	79	<0.005	0.42
D137814		99.36	<0.5	23	1.4	90	104	40	10	260	22	23	<10	435	<0.005	0.30
D137815		95.10	<0.5	43	0.8	102	85	50	8	271	13	27	<10	277	<0.005	0.29
D137816		100.19	<0.5	10	0.6	45	40	90	16	129	14	19	10	393	<0.005	
D137817		100.08	<0.5	19	1.4	59	45	30	4	156	31	17	<10	632	<0.005	
D137818		96.76	<0.5	14	1.0	73	72	40	11	201	23	19	<10	367	<0.005	
D137819		96.24	<0.5	25	4.1	74	68	70	21	305	173	20	<10	791	<0.005	
D137820		101.08	<0.5	<5	<0.5	<1	3	30	<1	4	4	<1	<10	24	<0.005	
D137821		93.56	<0.5	19	1.3	84	128	60	23	206	178	20	10	254	0.006	
D137822		93.87	<0.5	19	4.4	144	250	30	14	308	726	26	<10	861	0.007	0.42
D137823		100.41	<0.5	10	1.2	24	34	60	13	60	123	6	<10	323	<0.005	
D137824		100.87	<0.5	10	0.5	28	44	70	16	74	32	7	<10	214	<0.005	
D137825		100.89	<0.5	9	0.5	28	40	60	16	74	25	7	<10	215	<0.005	
D137826		93.91	<0.5	14	2.7	151	221	40	15	429	34	22	<10	282	0.005	0.35
D137827		93.45	<0.5	10	4.2	106	143	50	23	246	24	27	<10	259	<0.005	0.40
D137828		99.57	<0.5	7	2.6	108	156	30	9	299	16	31	<10	432	0.006	
D137829		98.52	<0.5	6	1.4	62	78	30	12	168	18	20	10	621	<0.005	
D137830		100.89	<0.5	168	<0.5	214	3120	20	64	84	6	17	<10	25	0.174	
D137831		98.88	<0.5	8	1.5	73	112	40	11	234	24	25	<10	461	0.008	
D137832		100.15	<0.5	8	1.8	74	110	50	17	242	28	22	10	485	0.005	
D137833		96.83	<0.5	7	2.4	93	144	30	21	363	37	23	<10	433	0.005	
D137834		101.42	<0.5	7	1.6	47	63	70	15	104	28	15	<10	260	0.006	
D137835		100.10	<0.5	6	1.0	53	75	60	17	151	35	24	<10	158	<0.005	
D137836		99.20	<0.5	<5	1.5	94	161	40	12	351	37	34	<10	241	0.005	
D137837		100.56	<0.5	6	1.7	72	110	40	9	244	29	31	<10	340	0.005	
D137838		99.85	<0.5	6	1.8	67	109	50	9	207	34	25	<10	454	<0.005	
D137839		98.26	<0.5	11	1.1	61	84	60	29	144	47	20	<10	378	<0.005	
D137840		100.31	<0.5	<5	<0.5	<1	1	10	<1	2	4	<1	<10	17	<0.005	
D137841		95.32	<0.5	9	1.7	118	234	30	14	371	17	21	<10	348	<0.005	
D137842		100.88	<0.5	6	1.3	71	136	40	9	244	17	30	<10	387	0.005	
D137843		100.92	<0.5	6	1.0	59	90	40	8	222	12	22	<10	488	<0.005	
D137844		99.73	<0.5	6	1.2	46	64	30	10	207	19	24	<10	556	<0.005	
D137845		98.92	<0.5	<5	0.9	43	58	80	12	203	16	24	<10	387	<0.005	
D137846		97.87	<0.5	<5	0.6	39	52	60	11	162	14	25	<10	488	<0.005	
D137847		100.90	<0.5	13	1.2	67	107	40	22	159	20	23	<10	371	<0.005	
D137848		98.62	<0.5	9	0.9	43	55	30	11	320	64	21	<10	412	<0.005	
D137849		98.34	<0.5	24	1.3	54	77	50	34	237	60	24	<10	321	<0.005	
D137850		99.01	<0.5	46	<0.5	21	64	10	50	151	128	49	<10	259	NSS	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137851		2.17	974	2350	120	1.13	26.5	12.10	17.95	15.1	39.4	3.1	4.91	1440	1.13	309
D137852		2.35	2170	1615	150	2.32	18.10	7.45	13.55	19.2	29.4	5.5	3.04	824	0.91	1280
D137853		2.16	3100	2770	80	2.21	26.2	10.65	20.0	17.5	42.9	4.1	4.36	1415	0.92	2450
D137854		2.45	2430	981	240	2.28	16.00	7.64	9.26	14.7	22.0	7.5	2.94	536	1.12	801
D137855		2.50	1765	1980	180	1.82	18.75	7.39	14.75	17.1	32.1	6.8	3.13	1020	0.98	2020
D137856		2.39	1850	1425	180	2.15	15.95	6.92	11.30	18.8	24.2	7.1	2.68	741	0.95	1485
D137857		2.27	2820	1275	340	2.36	17.95	8.12	11.15	16.3	26.2	7.3	3.18	787	1.12	749
D137858		2.57	1995	1365	190	1.67	14.95	6.56	10.70	16.3	23.6	7.0	2.59	670	0.94	1445
D137859		2.38	1940	1745	150	1.68	16.20	6.58	12.95	19.6	27.4	6.6	2.79	846	0.81	1990
D137860		0.30	383	16.8	<10	0.40	0.23	0.11	0.14	0.3	0.29	0.1	0.03	8.2	0.01	18.6
D137861		3.24	4890	1130	520	2.96	19.45	8.94	12.05	20.2	28.0	6.4	3.48	628	1.01	948
D137862		1.57	4820	1165	250	2.92	22.0	9.80	13.00	22.8	32.3	6.7	4.00	717	0.89	387
D137863		2.78	3820	1415	250	2.60	21.4	9.50	13.60	22.0	32.6	6.5	3.77	798	0.87	782
D137864		2.41	3050	1335	240	2.30	16.60	6.98	11.90	19.8	27.5	6.0	2.98	714	0.72	1055
D137865		2.63	3130	1535	340	2.74	18.95	7.62	13.50	20.1	30.8	4.8	3.16	821	0.75	1340
D137866		1.80	2440	2050	390	2.19	19.25	7.24	15.00	20.8	32.3	5.9	3.18	975	0.79	>2500
D137867		2.81	2700	2090	210	3.17	19.10	7.49	15.55	18.5	32.5	7.3	3.23	985	0.91	>2500
D137868		2.32	2010	1620	460	2.63	15.25	5.97	12.15	19.0	26.0	5.1	2.62	783	0.72	1960
D137869		2.32	1675	1295	380	2.46	14.85	6.26	10.65	18.6	23.1	5.5	2.51	667	0.82	1600
D137870		0.06	8560	81.8	40	0.72	4.09	2.38	1.23	20.5	4.23	3.3	0.85	84.5	0.39	9.1
D137871		2.29	1440	3040	270	1.53	46.1	18.60	32.2	17.0	75.4	7.1	7.88	1540	1.45	>2500
D137872		1.43	1730	1345	130	0.51	23.0	11.45	14.10	6.1	33.7	2.8	4.31	836	1.12	607
D137873		2.60	762	266	<10	1.58	3.91	2.56	1.91	23.9	4.97	7.9	0.85	158.5	0.46	233
D137874		1.96	1035	182.5	<10	1.49	3.44	2.15	1.56	22.7	4.49	7.3	0.74	113.0	0.40	197.5
D137875		<0.02	1005	179.0	<10	1.46	3.27	2.06	1.44	22.7	4.10	7.2	0.67	109.0	0.40	196.5
D137876		1.96	1115	174.5	<10	1.54	2.96	1.98	1.41	23.7	3.65	7.2	0.64	107.5	0.38	197.5
D137877		1.93	1105	186.5	<10	1.85	3.07	2.09	1.36	23.5	3.58	7.2	0.66	111.5	0.39	197.5
D137878		1.97	935	191.5	<10	1.68	3.68	2.30	1.56	22.0	4.30	7.2	0.78	115.0	0.40	203
D137879		1.93	1025	204	<10	1.83	4.30	2.65	1.60	23.7	4.79	7.4	0.91	125.0	0.43	210
D137880		0.24	249	6.2	<10	0.22	0.16	0.10	0.05	0.7	0.19	0.2	0.03	3.7	0.01	6.3
D137881		1.95	698	165.5	<10	1.62	3.86	2.46	1.41	23.9	3.80	8.4	0.80	105.5	0.45	189.5
D137882		1.83	543	536	<10	1.94	9.01	5.59	4.38	21.6	10.75	7.7	1.77	383	0.69	212
D137883		1.15	1665	6130	<10	0.27	77.4	32.4	54.8	26.0	128.5	0.4	13.20	4100	2.22	500
D137884		3.05	4130	1545	310	3.48	27.6	12.95	16.50	20.6	40.6	5.8	4.99	1025	1.19	525
D137885		3.41	3270	1545	380	2.55	17.00	6.98	13.05	20.5	29.6	7.1	2.98	836	0.87	1595
D137886		3.27	2240	778	590	2.23	13.55	5.91	8.42	18.6	20.1	9.1	2.36	437	0.89	766
D137887		1.80	5330	487	790	3.66	8.24	3.82	5.32	17.5	13.30	5.2	1.53	288	0.51	474
D137888		2.55	4400	1680	400	3.67	25.0	10.55	16.00	21.8	39.0	7.1	4.22	1085	0.93	730
D137889		2.40	7400	1090	470	4.42	21.3	9.06	12.70	19.8	32.8	6.5	3.82	668	0.82	428
D137890		<0.02	1130	5170	640	0.45	55.5	12.95	81.3	58.1	174.5	13.7	7.03	4060	0.68	1535



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137851		677	224	51.3	79.5	2	1700	2.1	5.01	21.4	1.66	1.75	223	7	124.5	8.73
D137852		491	156.5	73.8	59.0	4	3270	13.0	3.67	76.3	0.99	3.68	388	9	71.0	6.00
D137853		819	275	75.1	91.8	2	8170	31.1	5.22	130.5	1.24	4.29	184	9	104.0	7.00
D137854		301	94.3	96.8	39.6	3	7460	13.1	2.98	47.6	1.14	3.24	242	3	79.1	7.14
D137855		577	195.0	59.6	67.7	3	3120	30.0	3.96	144.0	1.02	3.51	328	11	72.1	6.26
D137856		426	137.0	70.5	49.3	3	3740	23.5	3.10	93.6	0.94	3.53	237	9	67.4	5.80
D137857		363	116.5	82.4	46.7	3	4140	12.9	3.44	53.7	1.11	3.60	299	4	83.2	6.78
D137858		414	132.5	44.1	48.6	3	3110	20.8	3.12	93.4	0.87	3.59	285	7	62.4	5.76
D137859		516	173.5	43.8	58.8	5	3140	30.3	3.45	133.5	0.90	5.34	444	8	63.3	5.23
D137860		5.5	1.68	1.4	0.56	<1	109.0	0.3	0.03	1.23	0.01	0.37	6	1	1.0	0.09
D137861		350	108.5	89.4	46.7	3	2570	15.2	3.65	66.5	1.29	4.97	297	14	92.9	7.60
D137862		355	109.0	85.5	50.3	3	4670	11.5	4.21	32.8	1.23	8.48	363	14	111.0	6.98
D137863		422	133.0	89.8	55.9	4	2540	9.9	4.26	53.8	1.17	5.03	391	15	101.0	6.50
D137864		402	127.0	72.9	50.2	3	3790	11.6	3.37	62.1	0.92	2.70	348	12	72.2	5.25
D137865		460	146.5	96.5	57.7	4	3270	16.9	3.86	72.6	0.95	3.28	341	18	81.7	5.35
D137866		611	203	69.0	69.6	4	2880	36.8	3.93	154.0	0.97	6.17	410	18	70.0	5.45
D137867		619	210	107.5	69.4	3	4550	47.8	4.04	182.0	1.00	4.22	194	9	75.5	6.23
D137868		474	161.0	95.0	53.4	2	4900	27.3	3.21	98.2	0.81	3.41	270	7	61.9	4.83
D137869		379	124.0	83.5	44.9	3	3920	21.7	2.90	77.2	0.87	3.46	254	6	63.3	5.34
D137870		21.4	6.53	100.5	4.34	5	104.0	0.6	0.64	11.10	0.36	17.30	287	45	21.6	2.29
D137871		1040	313	53.7	129.5	3	8320	33.1	9.38	148.5	2.23	2.48	203	10	198.5	11.70
D137872		389	122.0	20.1	52.2	1	>10000	7.1	4.45	31.7	1.54	1.72	47	3	124.0	8.40
D137873		67.1	22.6	216	8.63	2	898	12.9	0.73	64.6	0.39	26.1	10	5	25.0	2.79
D137874		48.4	15.95	195.5	7.03	2	689	11.6	0.61	52.6	0.36	59.6	14	8	22.1	2.38
D137875		46.0	15.75	192.5	6.58	2	634	11.7	0.57	52.8	0.34	54.9	12	8	21.6	2.48
D137876		45.0	15.30	210	6.02	2	632	11.6	0.53	55.9	0.32	26.1	11	8	19.1	2.39
D137877		44.5	15.70	197.0	5.49	2	705	11.9	0.52	58.4	0.34	19.55	12	6	20.0	2.41
D137878		47.2	16.30	203	6.29	2	727	12.0	0.64	55.7	0.37	19.70	13	4	25.0	2.38
D137879		49.7	17.35	204	6.73	2	720	12.7	0.74	61.2	0.41	24.5	12	6	28.7	2.72
D137880		1.8	0.52	5.8	0.26	<1	94.5	0.3	0.03	1.53	0.02	0.85	6	<1	1.1	0.08
D137881		39.8	13.95	223	5.29	2	423	12.6	0.62	65.4	0.42	11.75	7	4	26.4	2.85
D137882		140.0	47.4	232	16.95	2	292	11.9	1.48	72.9	0.77	8.51	10	6	48.3	5.07
D137883		1920	615	18.4	219	1	1400	1.4	15.10	228	3.89	4.30	70	2	350	21.4
D137884		458	147.5	145.0	60.1	4	3180	8.8	5.23	53.6	1.61	5.73	328	8	140.0	9.79
D137885		472	153.5	95.8	53.2	3	3640	25.5	3.43	93.0	0.90	4.44	373	10	78.5	5.89
D137886		256	79.2	75.2	33.4	5	2210	12.9	2.57	55.1	0.79	8.02	541	7	57.9	5.79
D137887		152.0	47.9	149.0	20.4	4	1830	7.5	1.57	20.3	0.49	1.94	348	6	38.2	3.56
D137888		509	163.0	138.5	63.5	4	2490	10.0	4.90	42.2	1.22	3.67	330	7	105.5	7.48
D137889		353	109.5	194.0	49.3	3	2250	6.5	3.96	25.7	1.09	3.58	277	6	102.0	6.69
D137890		2890	815	6.2	390	32	793	24.2	14.65	277	1.25	5.84	421	4	146.0	6.06



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D137851		229	18.00	4.98	13.75	23.0	7.88	0.62	1.91	0.020	1.36	1.21	0.40	0.20	0.11	25.8
D137852		350	34.3	8.95	16.40	14.90	7.86	1.64	2.31	0.025	3.13	0.85	0.40	0.38	0.23	6.80
D137853		237	24.2	7.80	8.38	25.4	5.50	1.52	2.29	0.014	2.90	0.50	0.30	0.96	0.33	19.30
D137854		521	28.8	4.26	10.50	24.3	9.10	0.68	2.41	0.038	1.61	0.72	0.43	0.86	0.26	15.00
D137855		413	34.5	6.72	14.55	17.95	8.64	1.25	1.99	0.028	3.21	0.75	0.27	0.37	0.20	8.18
D137856		443	34.7	9.02	12.65	17.30	7.97	1.74	2.59	0.028	2.71	0.66	0.19	0.44	0.20	9.39
D137857		473	33.3	5.78	14.30	19.55	8.92	1.03	2.41	0.050	1.93	0.78	0.77	0.48	0.30	9.06
D137858		427	36.5	6.93	14.70	17.45	9.40	1.33	1.78	0.029	2.62	0.74	0.18	0.36	0.22	6.78
D137859		352	32.4	7.58	19.15	15.05	8.18	1.56	1.86	0.024	4.06	0.95	0.27	0.37	0.21	6.66
D137860		5	27.3	0.13	0.28	26.4	21.2	0.03	0.04	0.002	0.03	0.06	0.01	0.01	0.04	24.8
D137861		381	34.0	8.33	15.25	15.20	11.85	0.86	2.64	0.077	2.91	0.78	1.02	0.30	0.53	5.41
D137862		461	33.7	12.10	14.40	15.65	8.51	1.07	2.81	0.038	2.46	0.56	2.10	0.54	0.52	4.55
D137863		330	33.5	9.70	17.10	14.50	9.30	1.07	2.81	0.037	3.28	0.76	1.56	0.30	0.42	5.41
D137864		296	32.0	7.94	17.65	16.25	8.85	0.97	2.28	0.035	3.14	0.77	0.85	0.44	0.32	6.86
D137865		296	30.3	7.81	19.10	15.80	8.26	0.89	2.55	0.050	2.85	0.83	0.83	0.38	0.34	7.69
D137866		347	32.1	7.30	20.00	14.80	8.48	1.09	2.17	0.058	3.95	0.79	0.27	0.34	0.27	6.59
D137867		441	34.5	6.51	11.85	18.15	8.74	1.46	2.75	0.032	2.66	0.55	0.20	0.54	0.30	9.37
D137868		308	34.2	9.45	12.80	17.20	8.03	1.60	2.82	0.069	2.57	0.63	0.71	0.58	0.22	8.66
D137869		347	34.9	8.85	14.10	15.90	7.93	1.71	2.72	0.057	2.13	0.69	0.12	0.46	0.19	9.65
D137870		142	41.9	10.90	24.5	5.97	2.11	1.82	4.23	0.009	0.89	0.33	0.18	0.01	0.95	5.91
D137871		385	24.3	2.61	9.71	28.7	6.79	1.27	1.51	0.041	1.83	0.57	8.03	0.98	0.16	11.95
D137872		164	8.41	0.60	3.21	47.9	2.47	0.30	0.39	0.020	0.46	0.45	1.34	1.31	0.20	33.9
D137873		697	53.9	19.35	4.64	4.58	1.05	2.11	8.51	0.002	0.21	0.16	0.28	0.11	0.09	6.87
D137874		665	54.7	20.0	4.84	3.47	0.95	2.35	8.37	0.002	0.25	0.13	0.24	0.08	0.12	6.08
D137875		664	53.4	19.50	4.64	3.16	0.94	2.27	8.11	0.002	0.24	0.12	0.22	0.07	0.11	6.03
D137876		619	54.5	20.1	4.52	3.21	0.91	2.31	8.52	0.002	0.24	0.10	0.21	0.07	0.12	5.83
D137877		594	53.6	20.0	4.45	3.85	0.92	2.48	7.72	0.002	0.24	0.11	0.22	0.08	0.12	6.45
D137878		577	53.0	19.90	3.97	5.39	0.91	2.47	7.61	0.002	0.24	0.15	0.24	0.08	0.10	7.56
D137879		606	52.7	20.1	3.64	5.09	0.88	2.36	7.45	0.002	0.24	0.13	0.22	0.08	0.11	7.79
D137880		15	4.65	0.56	0.20	28.8	22.2	0.06	0.20	0.002	0.01	0.09	0.01	0.01	0.03	43.5
D137881		657	55.4	20.4	3.39	3.45	0.74	1.96	9.07	0.002	0.17	0.14	0.13	0.05	0.08	6.16
D137882		570	54.1	18.40	4.01	3.74	1.29	1.45	9.81	0.002	0.15	0.12	0.18	0.04	0.06	6.26
D137883		51	8.72	2.24	9.27	27.4	10.40	0.40	1.00	0.002	0.09	0.85	2.29	0.17	0.18	32.2
D137884		359	25.0	7.57	16.05	16.65	8.14	0.74	3.56	0.044	2.37	0.92	1.11	0.36	0.43	15.15
D137885		393	33.2	7.45	14.20	17.95	8.19	1.33	2.59	0.055	3.11	0.75	0.24	0.42	0.35	10.30
D137886		603	34.8	6.07	20.9	15.40	8.69	1.08	2.07	0.081	3.08	0.97	0.31	0.25	0.24	6.02
D137887		306	34.8	8.53	15.30	14.70	10.15	1.02	3.56	0.112	2.42	0.78	0.16	0.21	0.57	8.08
D137888		380	32.5	8.68	15.95	15.85	9.18	0.99	3.42	0.058	3.27	0.78	1.14	0.29	0.47	7.75
D137889		338	30.6	8.70	14.50	13.20	11.45	0.65	4.42	0.069	3.16	0.70	1.32	0.28	0.82	7.08
D137890		654	29.6	11.40	49.2	1.85	1.83	0.25	0.15	0.088	3.14	0.13	1.15	0.09	0.12	1.24



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137851		99.24	<0.5	21	0.5	32	37	20	26	132	44	13	<10	175	<0.005	
D137852		98.18	<0.5	12	0.9	47	72	60	15	195	26	23	<10	432	<0.005	
D137853		99.39	<0.5	5	1.0	23	22	80	12	79	52	14	<10	221	<0.005	
D137854		98.97	<0.5	<5	1.2	25	29	90	6	90	72	29	<10	330	<0.005	
D137855		98.61	<0.5	<5	1.6	50	83	50	28	194	53	30	<10	324	<0.005	
D137856		99.59	<0.5	<5	1.4	46	71	60	31	171	35	27	<10	270	<0.005	
D137857		98.66	<0.5	<5	2.0	44	71	70	10	176	85	30	<10	399	<0.005	
D137858		99.02	<0.5	<5	1.4	54	89	40	15	150	34	30	<10	269	<0.005	
D137859		98.32	<0.5	5	2.0	55	82	40	14	129	39	27	<10	468	<0.005	
D137860		100.33	<0.5	<5	<0.5	1	1	10	<1	<1	3	<1	<10	21	<0.005	
D137861		99.16	<0.5	9	1.3	58	78	40	10	266	28	25	<10	311	<0.005	
D137862		99.01	<0.5	14	1.0	49	101	50	10	186	21	21	<10	257	<0.005	
D137863		99.75	<0.5	6	1.9	53	64	40	15	118	22	27	<10	387	<0.005	
D137864		98.36	<0.5	<5	2.1	62	74	30	16	120	26	28	<10	393	<0.005	
D137865		97.68	<0.5	<5	2.1	65	93	50	16	215	75	24	<10	373	<0.005	
D137866		98.21	<0.5	<5	1.9	70	111	40	18	248	37	29	<10	397	0.005	0.26
D137867		97.61	<0.5	8	2.1	77	121	80	28	202	44	30	<10	236	<0.005	0.38
D137868		99.54	<0.5	<5	0.9	38	51	60	14	164	27	22	<10	309	<0.005	
D137869		99.41	<0.5	10	1.9	67	94	80	13	287	69	22	<10	328	<0.005	
D137870		99.71	<0.5	164	<0.5	208	3070	20	61	82	8	17	<10	25	0.167	
D137871		98.45	<0.5	18	2.8	53	83	50	7	231	70	26	<10	539	<0.005	0.25
D137872		100.96	<0.5	9	0.9	24	30	10	18	91	33	9	<10	80	<0.005	
D137873		101.86	<0.5	<5	<0.5	5	5	40	6	4	23	1	<10	31	<0.005	
D137874		101.58	<0.5	6	<0.5	7	6	50	11	2	19	1	<10	14	<0.005	
D137875		98.81	<0.5	6	<0.5	7	5	50	10	2	16	1	<10	16	<0.005	
D137876		100.64	<0.5	<5	<0.5	6	6	40	8	<1	10	1	<10	11	<0.005	
D137877		100.24	<0.5	<5	<0.5	4	5	50	5	1	12	1	<10	15	<0.005	
D137878		101.62	<0.5	5	<0.5	4	5	40	13	1	13	1	<10	18	0.005	
D137879		100.79	<0.5	<5	<0.5	4	5	40	22	1	15	<1	<10	20	<0.005	
D137880		100.32	<0.5	<5	<0.5	<1	1	10	1	<1	<2	<1	<10	15	<0.005	
D137881		101.14	<0.5	7	<0.5	3	3	40	12	<1	11	<1	<10	27	<0.005	
D137882		99.61	<0.5	<5	<0.5	5	5	30	2	7	10	<1	<10	17	<0.005	
D137883		95.21	<0.5	41	0.5	12	10	10	27	64	47	3	<10	38	<0.005	
D137884		98.09	<0.5	14	1.1	39	43	50	26	160	95	19	<10	205	<0.005	
D137885		100.14	<0.5	7	2.3	42	53	60	20	155	65	28	<10	561	<0.005	
D137886		99.96	<0.5	<5	2.5	67	132	30	17	286	36	31	<10	571	<0.005	
D137887		100.39	<0.5	<5	1.2	38	49	40	17	344	23	30	<10	419	<0.005	
D137888		100.33	<0.5	7	2.2	47	73	40	10	246	114	23	<10	452	<0.005	
D137889		96.95	<0.5	9	1.1	47	65	40	11	238	40	22	<10	307	<0.005	
D137890		100.24	<0.5	37	<0.5	18	60	10	47	143	135	46	<10	247	NSS	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS	TM21248392
-------------------------	------------

Sample Description	Method	Analyte	Units	LOD	WEI-21 Recvd Wt.	ME-MS81 Ba	ME-MS81 Ce	ME-MS81 Cr	ME-MS81 Cs	ME-MS81 Dy	ME-MS81 Er	ME-MS81 Eu	ME-MS81 Ga	ME-MS81 Gd	ME-MS81 Hf	ME-MS81 Ho	ME-MS81 La	ME-MS81 Lu	ME-MS81 Nb
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
D137891					0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
					2.41	2900	1210	510	2.52	15.00	6.45	10.80	21.1	24.7	6.0	2.68	667	0.77	1120



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	MS81	
	Analyte	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137891		377	121.5	103.0	44.3	4	3230	20.6	2.95	76.8	0.83	6.31	381	10	63.2	5.27



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

Sample Description	Method	MS81	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	ICP06	GRA05
	Analyte	Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOD	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137891		370	30.7	7.76	18.00	17.00	7.93	0.95	2.86	0.072	2.89	0.82	0.48	0.37	0.30	10.10



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
Sample Description		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D137891		100.23	<0.5	5	1.7	60	88	50	13	245	61	23	<10	306	<0.005	

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 – 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 29-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21248392

	CERTIFICATE COMMENTS												
	ANALYTICAL COMMENTS												
Applies to Method:	NSS is non-sufficient sample. ALL METHODS												
	LABORATORY ADDRESSES												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA23</td> <td style="width: 33%;">ME-4ACD81</td> <td style="width: 33%;">ME-ICP06</td> <td style="width: 17%;">ME-MS81</td> </tr> <tr> <td>ME-XRF10</td> <td>Nb-XRF10</td> <td>OA-GRA05</td> <td>OA-GRA06</td> </tr> <tr> <td>TOT-ICP06</td> <td></td> <td></td> <td></td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81	ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06	TOT-ICP06			
Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81										
ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06										
TOT-ICP06													
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 – 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 17%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

CERTIFICATE TM21251731

Project: HK

This report is for 159 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 20-SEP-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D137892		2.47	3150	1695	410	2.94	15.70	6.36	12.30	22.6	27.4	6.4	2.43	849	0.70	1950
D137893		2.33	2550	1805	380	2.26	19.55	7.99	14.70	21.5	33.1	6.7	2.93	930	0.66	1570
D137894		2.39	2730	1700	320	2.41	16.65	7.25	13.30	22.0	29.7	8.1	2.63	905	0.68	1495
D137895		2.65	1925	2050	270	1.85	18.40	7.03	14.85	23.5	32.5	7.6	2.88	1045	0.62	2020
D137896		2.56	2070	1760	300	1.70	17.45	6.68	13.40	21.4	29.6	7.0	2.74	880	0.70	1990
D137897		2.51	2130	1655	230	1.72	16.35	6.33	12.45	23.2	27.9	6.0	2.44	827	0.58	1645
D137898		2.51	1930	1500	270	1.82	16.75	7.29	12.75	18.7	28.2	8.0	2.72	775	0.83	1485
D137899		2.43	1825	1775	220	1.77	17.60	7.01	13.20	20.9	30.4	7.2	2.75	907	0.92	1945
D137900		0.30	1275	13.5	<10	0.19	0.15	0.13	0.14	0.4	0.29	0.1	0.02	6.7	0.01	13.5
D137901		2.35	2740	2160	230	2.70	20.6	8.55	16.25	20.9	36.4	7.2	3.26	1140	0.89	2230
D137902		2.22	2160	1985	490	2.32	19.00	8.60	14.65	21.6	32.5	5.2	3.09	1120	0.82	1435
D137903		2.33	3260	1375	510	3.17	16.25	7.27	11.80	21.1	26.1	6.1	2.55	716	0.81	1640
D137904		2.33	2640	991	390	2.53	14.00	6.48	8.74	19.2	21.1	5.4	2.32	560	0.72	865
D137905		2.51	2810	1010	530	2.14	12.65	5.72	9.02	19.9	20.1	5.6	2.07	516	0.65	1215
D137906		2.54	3950	1120	200	2.87	18.35	7.80	11.55	21.8	28.3	4.9	2.85	622	0.65	685
D137907		2.45	2200	1420	320	2.10	14.05	5.32	10.70	20.4	22.7	5.1	2.12	712	0.58	1515
D137908		2.45	2030	2050	280	2.06	16.90	6.14	14.40	22.0	29.9	6.5	2.57	1015	0.64	2100
D137909		2.45	2690	3540	190	2.20	31.8	13.10	25.3	24.7	55.1	6.2	4.99	1770	0.97	>2500
D137910		<0.02	977	4880	560	0.38	51.6	11.95	73.6	52.2	156.5	14.2	6.17	3640	0.55	1490
D137911		3.47	2830	2930	180	1.97	26.3	11.00	20.3	21.0	44.4	7.8	4.21	1520	1.11	>2500
D137912		2.20	1110	730	100	1.14	13.20	6.52	7.30	10.8	17.90	4.1	2.25	377	0.73	314
D137913		1.38	2450	690	100	3.00	10.30	4.89	6.54	16.0	16.05	5.6	1.76	369	0.73	320
D137914		2.47	2850	2100	160	2.45	22.0	9.15	16.15	18.5	36.9	6.2	3.38	1140	0.86	1480
D137915		2.23	3460	3290	130	2.64	28.2	10.55	22.6	21.6	53.7	6.4	4.21	1695	0.86	>2500
D137916		2.37	3780	2740	250	3.56	26.8	10.95	20.4	21.2	48.9	6.1	4.12	1450	0.88	>2500
D137917		2.34	2600	2640	240	2.59	26.1	10.25	18.65	17.7	44.4	8.2	3.86	1390	1.02	2220
D137918		2.51	2490	2240	180	2.61	21.4	8.20	16.55	20.1	40.5	5.5	3.08	1210	0.70	1600
D137919		2.44	1915	2240	320	2.28	18.80	7.26	15.50	19.0	36.7	5.2	2.79	1265	0.66	1610
D137920		0.33	348	17.3	<10	0.36	0.18	0.05	0.11	0.4	0.28	0.1	0.04	9.4	<0.01	12.1
D137921		2.52	1925	1345	230	1.87	12.85	5.23	9.57	19.7	23.8	4.6	1.96	748	0.58	1130
D137922		2.49	3390	1620	290	2.95	18.15	7.51	12.45	19.3	30.3	6.7	2.69	928	0.66	1105
D137923		2.44	2130	1830	410	2.34	17.75	6.83	13.95	19.2	32.6	5.7	2.52	945	0.65	1900
D137924		2.64	2280	1610	200	2.23	17.00	6.57	12.55	19.1	30.3	5.5	2.52	905	0.62	1320
D137925		<0.02	2490	1650	200	2.31	16.75	6.69	12.60	20.2	32.0	5.8	2.62	920	0.60	1320
D137926		2.32	2060	1790	190	1.71	17.40	7.59	13.25	18.6	32.3	5.9	2.61	981	0.69	1375
D137927		2.70	2450	2680	280	2.30	23.9	9.08	19.45	20.4	47.1	4.8	3.66	1370	0.76	2480
D137928		2.43	5280	2990	280	3.53	32.0	12.10	23.7	20.0	58.9	4.8	4.72	1505	0.91	>2500
D137929		3.07	1670	2180	160	1.73	22.7	10.00	15.30	13.5	38.1	4.0	3.65	1315	0.92	1535
D137930		0.07	9070	78.6	50	0.68	3.83	2.33	1.22	19.2	4.00	3.6	0.77	80.7	0.33	7.0
D137931		1.67	2590	3300	220	2.67	26.4	9.90	21.6	21.2	50.5	6.9	3.77	1595	0.81	>2500



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137892		512	157.5	101.5	55.3	3	3870	29.6	3.23	103.5	0.79	4.49	357	17	58.0	5.18
D137893		564	170.0	84.3	64.0	4	3430	20.9	3.80	97.7	0.91	4.65	358	27	71.5	5.16
D137894		519	157.5	83.8	55.8	4	3840	20.6	3.68	80.7	0.80	5.06	341	10	63.9	5.21
D137895		625	191.0	54.7	67.0	4	4040	31.3	3.88	111.0	0.82	5.18	367	9	64.9	5.17
D137896		541	165.5	51.9	58.2	4	3510	31.7	3.67	117.5	0.81	5.68	373	8	63.4	5.41
D137897		509	155.5	49.6	54.5	5	3230	23.0	3.39	102.5	0.70	4.27	415	9	54.6	4.68
D137898		459	140.0	58.3	52.4	3	3170	25.9	3.44	94.0	0.85	5.87	287	8	63.6	5.86
D137899		544	166.0	56.5	57.7	4	3420	33.0	3.58	118.0	0.90	6.66	336	10	63.2	6.25
D137900		4.7	1.45	0.9	0.43	<1	149.0	0.3	0.03	0.91	0.02	0.39	9	<1	0.9	0.11
D137901		661	202	110.5	72.0	3	4080	36.6	4.37	132.5	1.07	6.74	263	11	81.6	6.79
D137902		595	181.0	89.6	63.8	4	3760	23.7	3.94	89.9	1.01	7.33	345	10	79.8	6.39
D137903		422	128.0	125.0	48.1	5	3790	28.9	3.17	102.5	0.89	9.80	431	11	69.3	5.80
D137904		303	89.9	97.7	36.6	4	3490	13.3	2.70	49.4	0.77	4.41	371	7	61.7	5.23
D137905		311	93.0	67.4	37.1	5	3860	17.5	2.47	69.4	0.69	4.83	413	6	52.1	4.38
D137906		368	106.5	95.7	46.8	4	3310	7.6	3.61	42.8	0.90	3.02	369	9	74.6	5.55
D137907		436	132.0	60.0	47.2	3	2950	21.1	2.76	86.8	0.69	3.42	364	14	48.9	4.69
D137908		631	193.0	63.6	64.6	3	2200	27.0	3.64	126.5	0.70	4.48	332	13	58.5	5.04
D137909		1075	331	104.0	114.5	2	4010	45.6	6.60	215	1.45	8.02	224	17	118.0	8.13
D137910		2890	733	5.8	363	30	775	23.3	12.95	226	1.12	5.74	369	4	125.0	5.32
D137911		882	272	79.8	91.7	2	3480	41.4	5.37	187.0	1.30	8.34	595	16	104.0	8.50
D137912		235	66.8	31.6	29.2	1	720	4.8	2.40	31.3	0.79	6.45	109	6	64.1	5.53
D137913		204	60.8	91.1	26.3	2	2210	8.2	1.98	32.0	0.71	7.86	119	5	47.7	5.15
D137914		623	191.5	66.4	71.4	1	5310	21.9	4.56	99.0	1.13	5.87	132	8	82.5	6.34
D137915		920	300	98.1	103.5	2	2970	39.4	5.88	222	1.24	7.75	157	22	99.6	6.97
D137916		787	250	136.5	91.4	2	3500	35.8	5.38	207	1.19	10.10	213	21	104.5	8.01
D137917		739	240	114.0	86.9	2	3620	31.0	5.14	186.5	1.28	6.43	175	14	92.8	7.32
D137918		630	202	72.9	75.3	3	2990	18.3	4.41	147.0	0.90	6.16	300	14	72.4	5.70
D137919		613	198.0	65.6	71.0	2	2870	18.3	4.12	150.5	0.83	4.65	262	13	66.0	5.47
D137920		5.1	1.65	1.3	0.70	<1	121.5	0.2	0.03	1.25	0.02	0.73	8	<1	1.1	0.10
D137921		366	118.5	69.7	42.8	2	3030	18.2	2.57	102.5	0.63	5.11	240	9	48.2	4.64
D137922		450	144.0	96.5	54.5	2	2390	13.3	3.48	106.0	0.94	2.99	274	11	67.3	5.20
D137923		529	168.0	65.6	63.5	3	2700	27.0	3.74	173.0	0.85	5.30	328	10	60.2	5.00
D137924		465	146.5	65.4	56.0	3	3220	15.6	3.34	106.0	0.77	3.68	454	8	60.8	4.87
D137925		470	151.0	71.6	57.8	3	3110	16.0	3.40	107.5	0.76	3.54	326	7	63.6	5.07
D137926		505	163.0	54.2	59.3	3	3220	16.4	3.49	110.5	0.83	3.60	312	11	66.6	5.33
D137927		776	247	75.2	90.5	2	3150	32.0	5.12	217	1.08	7.69	311	13	83.8	5.86
D137928		895	282	127.0	106.0	2	4110	37.1	6.46	270	1.33	15.70	224	6	118.0	7.58
D137929		581	189.0	72.7	70.3	2	1820	17.6	4.27	125.0	1.16	22.1	118	5	97.3	6.96
D137930		21.4	6.39	111.5	4.43	5	97.8	0.5	0.59	9.09	0.28	16.30	271	47	20.6	2.18
D137931		937	305	103.5	103.5	3	2700	52.2	5.30	301	1.02	6.72	276	9	84.6	6.27



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D137892		337	32.3	8.20	16.05	16.55	8.71	1.10	3.14	0.059	3.20	0.74	0.26	0.44	0.37	7.87
D137893		334	33.3	8.79	16.70	15.80	8.26	1.30	2.70	0.055	3.45	0.72	0.60	0.40	0.31	6.94
D137894		382	32.3	8.75	16.65	16.20	8.35	1.24	2.85	0.046	3.42	0.78	0.28	0.44	0.33	7.76
D137895		342	34.8	9.13	17.40	15.85	8.24	1.35	2.32	0.038	3.91	0.80	0.22	0.46	0.23	5.69
D137896		347	34.4	7.05	18.60	16.50	9.14	1.06	2.04	0.042	3.23	0.80	0.44	0.39	0.24	5.41
D137897		297	34.2	8.32	19.45	15.35	8.48	1.20	2.11	0.032	3.44	0.85	0.23	0.36	0.25	5.71
D137898		442	36.0	7.05	14.70	18.10	9.14	1.16	1.99	0.038	2.46	0.71	0.32	0.36	0.23	6.54
D137899		388	34.3	7.18	17.40	17.45	8.68	1.14	2.02	0.031	2.98	0.75	0.25	0.39	0.22	6.34
D137900		4	23.8	0.08	0.23	26.0	18.85	0.02	0.02	<0.002	0.02	0.05	<0.01	0.02	0.15	29.7
D137901		401	29.8	6.84	14.60	19.75	8.43	0.83	2.95	0.033	2.62	0.73	0.33	0.47	0.32	10.70
D137902		302	27.0	6.69	17.20	20.0	7.23	0.96	2.86	0.071	2.82	0.89	0.31	0.43	0.26	12.95
D137903		379	29.5	7.30	20.00	15.90	8.09	0.93	3.56	0.074	3.26	0.91	0.46	0.44	0.39	8.31
D137904		310	32.5	8.25	17.10	16.00	8.06	1.27	3.26	0.056	2.39	0.78	0.32	0.40	0.31	8.09
D137905		313	33.1	7.18	19.70	16.15	9.04	1.18	2.39	0.077	2.97	0.92	0.31	0.44	0.34	5.83
D137906		208	33.6	9.31	19.20	14.20	10.00	0.98	2.92	0.030	3.29	0.82	1.13	0.39	0.48	5.15
D137907		268	36.0	9.02	17.75	15.05	9.45	1.24	2.31	0.047	2.81	0.71	0.23	0.34	0.27	6.48
D137908		280	35.3	8.32	17.75	15.15	8.89	1.13	2.22	0.041	3.51	0.65	0.20	0.25	0.25	6.94
D137909		308	29.0	7.50	12.35	21.1	7.45	1.05	3.03	0.027	3.35	0.56	0.55	0.46	0.32	12.80
D137910		564	28.5	11.20	49.5	1.84	1.82	0.22	0.15	0.082	2.97	0.12	1.08	0.09	0.12	1.14
D137911		405	25.3	5.87	11.70	20.8	7.24	0.91	2.23	0.029	2.62	0.60	0.47	0.42	0.35	16.70
D137912		265	16.25	4.34	12.70	22.2	9.78	0.22	1.23	0.017	0.66	0.81	0.60	0.09	0.14	26.9
D137913		343	40.4	13.20	9.26	14.00	7.29	2.29	3.29	0.014	0.55	0.45	0.42	0.24	0.29	7.96
D137914		313	33.7	9.79	7.89	21.0	7.08	1.65	2.48	0.022	1.60	0.42	0.63	0.60	0.33	11.05
D137915		334	29.1	9.91	10.90	16.25	6.31	1.34	2.93	0.016	3.25	0.39	0.55	0.34	0.37	12.20
D137916		339	25.4	7.28	13.35	17.55	7.20	0.66	3.22	0.033	3.08	0.53	0.76	0.41	0.41	15.10
D137917		444	29.6	6.41	14.45	18.45	8.27	1.09	2.81	0.031	2.48	0.56	0.68	0.43	0.29	10.45
D137918		270	31.4	8.32	17.00	16.05	7.45	1.31	2.35	0.025	3.55	0.62	0.52	0.36	0.29	8.06
D137919		288	32.6	8.20	14.80	16.75	7.52	1.42	2.19	0.042	2.86	0.56	0.30	0.34	0.22	8.79
D137920		4	32.1	0.11	0.26	26.6	20.6	0.09	0.07	<0.002	0.03	0.06	<0.01	0.02	0.04	21.9
D137921		294	37.5	11.85	13.40	14.70	7.68	2.34	2.67	0.031	2.14	0.56	0.31	0.37	0.22	5.95
D137922		325	35.6	8.40	16.65	15.60	9.82	1.07	2.68	0.040	3.07	0.62	1.01	0.29	0.39	6.58
D137923		316	33.3	7.71	16.55	16.20	8.25	1.38	2.08	0.053	3.06	0.70	0.49	0.32	0.24	6.85
D137924		261	32.4	8.02	17.60	15.75	8.20	1.26	2.05	0.027	3.40	0.71	0.45	0.38	0.26	6.44
D137925		261	32.5	7.90	18.55	15.65	7.98	1.20	2.20	0.029	3.49	0.72	0.58	0.37	0.28	6.37
D137926		272	31.9	8.00	15.55	18.60	7.48	1.35	1.93	0.026	3.29	0.63	0.45	0.38	0.23	8.13
D137927		257	30.9	8.01	16.60	17.20	7.54	1.24	2.23	0.037	3.38	0.58	0.87	0.37	0.28	7.73
D137928		275	30.3	6.69	15.55	18.00	8.89	0.95	2.73	0.038	2.82	0.59	2.76	0.49	0.58	6.74
D137929		271	18.00	3.43	12.50	24.4	8.39	0.53	1.42	0.020	1.47	0.71	1.36	0.21	0.18	19.40
D137930		148	42.4	11.10	24.4	6.16	2.17	1.90	4.20	0.006	0.90	0.33	0.18	0.01	0.96	6.00
D137931		360	31.7	6.68	14.60	16.60	8.53	1.07	2.42	0.028	3.82	0.54	0.39	0.32	0.29	7.77



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137892		98.99	<0.5	5	1.3	53	70	50	17	194	29	24	<10	318	0.005
D137893		99.33	<0.5	<5	2.6	55	93	60	19	253	41	25	<10	545	<0.005
D137894		99.40	<0.5	<5	1.4	40	57	50	20	162	34	23	<10	353	<0.005
D137895		100.44	<0.5	<5	1.5	49	74	40	20	144	30	25	<10	352	<0.005
D137896		99.34	<0.5	<5	2.7	56	89	40	12	193	33	27	<10	545	<0.005
D137897		99.98	<0.5	<5	1.5	57	90	40	13	181	32	28	<10	404	<0.005
D137898		98.80	<0.5	<5	1.3	43	68	40	12	158	28	28	<10	297	<0.005
D137899		99.13	<0.5	<5	1.6	63	110	40	14	231	32	28	<10	326	0.005
D137900		98.94	<0.5	<5	<0.5	1	1	10	<1	2	3	<1	<10	23	<0.005
D137901		98.40	<0.5	6	5.6	53	80	60	25	191	280	24	<10	859	<0.005
D137902		99.67	<0.5	<5	1.2	37	46	50	19	96	114	19	<10	267	<0.005
D137903		99.12	<0.5	6	1.4	49	58	60	36	113	48	22	<10	330	<0.005
D137904		98.79	<0.5	<5	1.2	43	59	70	22	110	53	22	<10	339	<0.005
D137905		99.63	<0.5	<5	1.2	37	47	40	12	119	26	25	<10	468	<0.005
D137906		101.50	<0.5	5	1.3	52	69	30	10	150	26	22	<10	415	<0.005
D137907		101.71	<0.5	<5	1.8	57	95	50	14	194	24	25	<10	358	0.005
D137908		100.60	<0.5	5	2.2	68	119	40	15	137	34	31	<10	328	0.005
D137909		99.55	<0.5	7	1.1	56	71	70	26	158	74	24	<10	141	<0.005
D137910		98.83	<0.5	31	<0.5	14	57	10	46	140	120	45	<10	237	NSS
D137911		95.24	<0.5	30	2.0	84	124	60	28	285	35	27	<10	398	<0.005
D137912		95.94	<0.5	17	<0.5	43	105	30	45	166	18	14	<10	16	0.005
D137913		99.65	<0.5	11	0.6	45	82	140	32	184	20	17	<10	114	<0.005
D137914		98.24	<0.5	<5	0.6	39	71	80	22	178	23	22	<10	98	<0.005
D137915		93.86	<0.5	6	0.6	68	125	90	33	252	27	23	<10	96	<0.005
D137916		94.98	<0.5	15	0.6	87	139	100	26	330	27	25	<10	110	<0.005
D137917		96.00	<0.5	16	0.8	96	152	70	21	408	33	28	<10	123	<0.005
D137918		97.31	<0.5	<5	1.6	87	150	40	16	212	30	25	<10	242	0.005
D137919		96.59	<0.5	5	1.3	82	149	40	15	216	27	26	<10	179	0.006
D137920		101.88	<0.5	<5	<0.5	1	1	30	<1	2	3	<1	<10	22	<0.005
D137921		99.72	<0.5	<5	1.6	50	58	70	13	132	25	20	<10	249	0.006
D137922		101.82	<0.5	<5	1.8	76	120	30	14	202	24	27	<10	248	0.006
D137923		97.18	<0.5	6	2.0	68	112	40	49	166	30	27	<10	315	0.007
D137924		96.95	<0.5	<5	2.2	67	81	30	14	105	28	26	<10	334	0.008
D137925		97.82	<0.5	<5	2.3	72	86	30	14	114	27	26	<10	338	0.008
D137926		97.95	<0.5	<5	1.6	63	69	30	12	98	23	27	<10	229	<0.005
D137927		96.97	<0.5	5	1.6	90	140	30	14	140	34	23	<10	191	0.009
D137928		97.13	<0.5	<5	1.8	83	145	30	14	179	31	21	<10	255	0.005
D137929		92.02	0.5	6	1.0	56	111	30	672	154	36	16	<10	106	<0.005
D137930		100.72	<0.5	145	<0.5	205	2990	20	58	79	6	16	<10	22	0.172
D137931		94.76	<0.5	<5	2.0	76	120	50	27	135	34	29	10	266	<0.005



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	
D137932		2.47	2480	2110	230	2.92	19.65	7.75	14.65	22.1	34.0	5.9	2.86	1075	0.70	2110
D137933		3.57	2140	1635	210	2.77	16.50	6.71	12.15	19.8	29.5	6.0	2.58	874	0.65	1355
D137934		1.85	1075	2260	60	1.10	37.2	15.60	23.9	14.6	62.4	2.5	5.90	1285	1.04	204
D137935		1.97	3060	3450	190	3.20	25.0	9.00	21.8	24.1	49.5	5.7	3.58	1690	0.68	>2500
D137936		2.43	2230	1745	80	2.28	20.9	8.30	14.55	20.2	36.1	5.9	3.32	899	0.81	1940
D137937		2.36	4430	2310	430	3.60	22.2	8.79	17.30	21.6	40.8	5.7	3.36	1195	0.70	2310
D137938		2.44	2410	2540	230	2.08	22.1	8.60	17.15	21.3	41.6	5.8	3.35	1280	0.69	2310
D137939		2.59	2270	2880	240	1.92	24.6	9.07	19.30	22.7	46.6	6.0	3.55	1465	0.82	2490
D137940		0.32	190.5	20.7	<10	0.83	0.22	0.13	0.17	0.4	0.49	0.1	0.04	11.3	0.01	15.0
D137941		3.12	2960	1750	170	2.40	22.6	9.16	14.60	22.7	38.1	6.9	3.43	906	0.65	1330
D137942		2.68	2300	3180	180	1.72	36.4	14.10	25.9	20.1	64.6	7.5	5.53	1535	1.10	>2500
D137943		2.56	2580	2700	250	2.12	27.5	10.85	19.75	23.4	51.0	6.9	4.23	1325	0.80	2220
D137944		2.70	2070	3350	130	1.68	35.3	14.50	25.6	20.7	64.2	6.5	5.50	1740	1.08	>2500
D137945		2.21	4500	3990	320	2.87	53.8	20.4	35.1	21.6	94.5	7.4	8.16	1885	1.37	>2500
D137946		2.61	6160	5440	260	3.84	63.6	24.1	43.2	27.0	112.5	7.0	9.42	2570	1.49	>2500
D137947		2.44	3500	2790	260	2.76	45.4	18.30	26.9	20.4	72.9	5.2	6.97	1435	1.38	1365
D137948		2.42	3160	4190	180	2.97	32.7	11.90	27.1	24.0	63.3	7.7	4.99	2010	1.09	>2500
D137949		2.47	3440	1480	270	3.73	24.9	11.00	15.05	19.7	40.3	7.4	3.99	802	0.99	697
D137950		<0.02	929	4910	590	0.45	50.4	12.50	71.7	49.9	158.5	13.6	5.74	3760	0.56	1450
D137951		2.46	5150	1835	340	4.80	29.1	12.75	18.60	24.1	49.2	6.1	4.71	984	0.97	870
D137952		2.12	4080	2450	330	3.44	25.2	10.85	17.90	20.7	41.7	4.8	3.84	1420	0.97	1755
D137953		2.64	2920	1695	140	0.74	23.1	10.55	14.55	13.5	35.7	8.9	3.80	1125	1.32	948
D137954		2.52	3270	3380	150	2.97	27.8	10.85	22.3	22.1	50.8	4.5	3.96	1880	0.85	>2500
D137955		1.96	3240	3310	170	3.89	34.4	12.80	25.2	25.4	62.7	4.8	5.03	1895	1.00	2340
D137956		2.90	7250	2340	260	6.40	32.0	13.05	21.2	25.5	52.3	5.1	4.77	1275	0.84	1420
D137957		2.56	6980	2250	400	6.59	33.3	14.05	21.6	24.2	55.6	5.1	5.12	1300	0.86	1090
D137958		2.35	6410	3620	260	5.89	38.4	15.40	27.7	28.6	66.6	5.4	5.92	2120	1.09	1980
D137959		2.20	6420	1515	460	6.25	21.4	9.18	13.75	21.6	35.1	3.7	3.37	818	0.57	1135
D137960		0.30	960	20.0	10	0.66	0.38	0.14	0.19	0.4	0.47	0.1	0.08	10.8	0.01	11.5
D137961		2.35	5570	4300	270	3.98	59.8	22.7	38.5	29.7	103.0	2.9	8.84	2520	1.32	>2500
D137962		2.52	7390	3300	260	4.34	64.6	26.0	37.4	27.5	103.5	4.8	10.05	1825	1.64	729
D137963		2.36	3140	1250	120	4.04	18.65	7.86	11.25	22.1	28.7	3.7	2.94	716	0.67	643
D137964		2.57	2680	1165	140	4.04	15.05	6.26	10.10	22.6	24.4	4.4	2.35	630	0.59	437
D137965		2.57	6700	2010	420	4.87	27.7	11.60	19.30	25.3	46.8	6.3	4.42	1105	0.87	1040
D137966		2.63	6700	1375	330	5.70	24.2	10.55	14.85	23.6	38.8	5.9	3.97	785	0.79	542
D137967		1.71	>10000	3300	110	4.50	62.3	26.9	36.4	21.5	96.9	2.2	10.00	2010	1.74	991
D137968		2.97	6080	3210	130	3.63	58.8	25.7	35.3	25.4	93.1	4.0	9.50	1890	1.67	869
D137969		2.42	5960	2100	220	4.49	41.4	17.75	24.8	25.7	66.2	5.1	6.45	1225	1.21	592
D137970		0.07	8720	84.0	50	0.88	4.01	2.41	1.18	22.7	4.45	3.8	0.77	88.1	0.33	7.1
D137971		2.61	6850	1360	400	6.02	23.2	9.79	15.05	22.9	37.5	5.4	3.74	772	0.72	506



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137932		601	192.5	122.5	66.7	3	3250	18.8	4.00	134.0	0.97	4.22	358	11	72.4	5.64
D137933		460	147.0	97.4	53.4	3	2830	11.9	3.25	92.1	0.84	3.30	368	10	64.9	5.30
D137934		714	213	53.7	96.2	1	9160	3.0	6.93	56.0	1.69	2.40	56	4	164.5	10.05
D137935		974	319	113.5	103.5	3	4160	28.3	5.51	211	0.99	7.23	367	8	79.4	5.67
D137936		523	161.5	85.8	64.4	4	5180	28.7	4.04	151.0	1.01	10.65	323	9	83.8	6.27
D137937		668	213	131.0	79.1	3	4290	37.2	4.56	211	0.96	10.25	378	7	79.7	5.73
D137938		719	232	71.1	80.9	3	3460	28.8	4.47	193.5	1.00	6.45	308	12	77.7	6.13
D137939		821	265	67.9	91.2	3	3930	29.9	5.30	204	1.05	6.45	276	19	83.6	6.22
D137940		5.6	2.00	1.5	0.67	<1	139.0	0.3	0.04	1.46	0.02	0.17	13	<1	1.2	0.06
D137941		527	163.5	93.6	65.0	3	2750	16.2	4.34	106.5	1.03	4.22	410	29	86.0	5.74
D137942		983	303	61.1	118.5	3	3560	30.9	7.27	253	1.48	6.23	218	8	129.5	9.21
D137943		804	254	78.7	94.5	4	3880	25.6	5.58	193.0	1.12	6.56	374	13	98.8	6.61
D137944		990	315	79.5	117.5	2	3770	34.9	7.11	212	1.64	7.40	235	21	137.5	9.29
D137945		1280	389	115.0	164.0	2	3610	43.4	10.60	392	2.30	9.54	235	7	195.5	12.60
D137946		1690	574	143.0	203	3	3110	73.7	12.65	504	2.46	12.35	248	8	226	14.30
D137947		894	272	107.5	119.0	2	3650	15.8	8.35	191.5	2.08	6.85	201	5	177.0	12.25
D137948		1210	398	106.0	131.5	2	3220	37.8	6.97	313	1.27	8.88	161	14	111.0	8.39
D137949		478	142.5	117.5	62.4	3	3580	11.4	4.98	70.4	1.31	7.31	333	5	103.0	7.32
D137950		2590	755	6.0	346	30	668	22.3	13.55	193.0	1.14	5.31	385	3	123.0	5.06
D137951		592	178.5	149.5	75.7	4	4100	11.6	5.95	73.2	1.47	6.87	342	8	119.5	8.12
D137952		692	222	97.6	74.5	2	6420	15.3	5.04	109.0	1.27	3.12	193	7	103.5	8.10
D137953		472	148.5	32.4	58.0	2	4280	13.8	4.50	52.7	1.45	2.38	141	6	107.0	9.53
D137954		958	310	77.0	100.5	1	4100	22.6	6.02	155.0	1.22	5.78	176	9	97.9	6.70
D137955		949	305	102.0	109.0	2	3030	18.6	7.13	199.0	1.40	5.57	315	10	121.5	8.08
D137956		725	223	222	86.7	3	2700	9.5	6.44	113.5	1.41	5.65	361	10	123.0	8.06
D137957		698	213	249	89.7	3	2300	9.4	6.84	90.0	1.53	5.82	327	13	131.0	8.26
D137958		1050	334	202	118.0	1	2740	13.4	8.05	148.5	1.70	7.12	225	11	145.0	9.17
D137959		475	144.5	249	57.8	2	1980	9.0	4.16	76.0	1.03	5.91	257	5	85.3	5.39
D137960		6.7	2.01	3.5	1.02	<1	177.5	0.1	0.08	1.09	0.01	0.30	7	<1	1.6	0.15
D137961		1270	397	178.5	157.0	3	2630	13.1	12.25	238	2.36	8.39	437	24	218	12.20
D137962		1095	324	155.5	146.5	2	3900	4.6	12.50	144.0	2.92	6.33	334	12	266	14.45
D137963		371	115.0	92.9	44.7	2	3650	4.5	3.67	35.6	0.93	3.24	296	14	79.9	5.31
D137964		339	107.0	95.5	39.4	2	3050	3.9	2.95	27.1	0.76	2.94	317	7	58.8	4.24
D137965		619	189.5	191.5	75.3	3	2390	8.6	5.62	58.4	1.29	5.02	474	8	114.5	6.98
D137966		435	131.5	203	56.6	3	2570	5.8	4.73	44.4	1.16	5.02	429	8	100.5	6.87
D137967		1045	312	161.5	138.0	1	4910	7.6	11.95	101.5	3.11	4.82	174	7	277	16.50
D137968		1045	312	127.5	136.5	1	3890	9.8	11.45	125.0	2.85	9.06	305	15	253	15.40
D137969		693	204	169.5	93.6	1	2610	7.0	7.86	90.3	1.95	13.15	278	8	173.0	11.25
D137970		23.4	7.07	116.0	4.49	6	103.0	0.5	0.66	7.97	0.34	17.30	320	49	21.6	2.29
D137971		431	129.5	203	56.1	3	2430	5.3	4.53	45.3	1.12	4.97	440	11	97.0	6.50



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137932		295	31.5	8.28	14.35	16.85	7.89	1.40	2.90	0.030	3.65	0.61	0.34	0.38	0.28	9.58
D137933		255	31.6	8.00	14.80	18.55	7.68	1.47	2.41	0.027	3.30	0.62	0.40	0.33	0.24	8.46
D137934		154	12.20	1.87	6.62	39.9	4.83	0.36	1.25	0.009	0.48	0.43	10.15	1.45	0.16	20.7
D137935		282	30.3	8.56	15.15	15.60	7.92	1.47	2.79	0.024	4.16	0.64	0.77	0.48	0.34	8.29
D137936		359	30.3	9.17	15.95	17.05	7.34	1.29	2.56	0.011	2.84	0.67	1.32	0.60	0.25	7.83
D137937		338	32.4	7.77	16.65	16.20	9.26	1.06	3.07	0.058	3.58	0.76	1.20	0.51	0.50	6.34
D137938		320	33.5	8.14	16.90	15.35	9.27	1.14	2.17	0.030	3.70	0.69	0.55	0.41	0.28	6.41
D137939		304	34.1	9.24	13.95	14.70	8.53	1.29	2.30	0.029	3.70	0.59	0.55	0.45	0.25	6.38
D137940		3	19.15	0.10	0.25	28.5	17.90	0.05	0.02	0.003	0.03	0.06	0.01	0.02	0.02	35.3
D137941		300	30.9	8.18	18.90	13.80	9.20	0.84	2.50	0.021	3.91	0.74	1.52	0.31	0.32	6.24
D137942		442	33.6	5.33	16.55	18.30	8.62	0.90	1.68	0.025	2.86	0.61	2.20	0.41	0.26	6.38
D137943		330	33.7	8.18	18.10	15.80	9.25	1.12	2.38	0.034	3.74	0.80	0.95	0.47	0.30	5.60
D137944		376	23.8	5.32	14.65	23.4	7.14	0.73	1.96	0.016	2.80	0.71	1.73	0.45	0.24	14.30
D137945		492	30.9	4.02	17.55	18.25	9.87	0.48	2.24	0.043	2.70	0.67	2.97	0.42	0.51	5.59
D137946		464	30.2	5.74	18.35	15.95	9.74	0.60	2.85	0.033	3.71	0.67	2.76	0.37	0.63	5.85
D137947		330	35.0	8.20	11.30	18.40	8.89	1.47	2.79	0.035	1.50	0.61	2.02	0.44	0.40	7.74
D137948		474	35.1	8.20	11.40	16.95	8.79	1.65	2.88	0.024	3.09	0.49	0.91	0.38	0.36	7.44
D137949		465	36.1	10.35	14.50	15.30	9.22	1.28	3.31	0.038	1.90	0.67	1.40	0.43	0.41	6.21
D137950		606	28.6	11.15	49.8	1.81	1.85	0.23	0.13	0.087	3.10	0.13	1.15	0.09	0.12	1.10
D137951		361	34.0	10.60	15.90	13.70	9.32	1.18	3.65	0.046	2.47	0.75	1.71	0.47	0.59	5.31
D137952		233	29.4	7.25	11.00	22.4	7.97	1.35	2.73	0.044	2.34	0.48	0.71	0.76	0.47	11.35
D137953		581	31.8	3.67	12.00	21.9	8.33	1.74	1.60	0.020	0.99	0.54	0.83	0.48	0.33	8.73
D137954		223	33.5	8.65	11.30	16.15	8.85	1.94	2.54	0.023	3.40	0.51	0.95	0.51	0.41	7.45
D137955		211	32.4	8.46	14.45	14.85	9.37	1.56	2.72	0.025	4.11	0.56	1.70	0.36	0.39	6.79
D137956		220	32.1	8.98	15.85	12.25	11.60	0.78	4.58	0.035	3.60	0.66	2.35	0.32	0.76	5.22
D137957		218	33.1	8.61	14.35	12.15	12.70	0.59	4.83	0.055	3.07	0.63	2.30	0.27	0.75	5.02
D137958		246	32.6	7.67	13.25	14.30	11.40	0.85	4.18	0.038	3.25	0.55	2.86	0.33	0.69	6.06
D137959		174	27.8	7.44	13.40	13.85	12.40	0.42	4.62	0.065	2.22	0.78	1.49	0.24	0.70	11.60
D137960		4	22.7	0.11	0.34	26.4	19.65	0.03	0.06	<0.002	0.03	0.06	0.02	0.02	0.11	31.3
D137961		148	24.2	6.86	15.25	15.90	9.08	0.31	3.49	0.039	4.38	0.52	3.99	0.31	0.63	10.00
D137962		225	27.6	6.59	16.20	17.70	10.30	0.53	3.34	0.037	2.94	0.56	7.09	0.47	0.82	4.30
D137963		183	36.8	11.85	14.00	13.55	8.22	1.98	3.00	0.018	2.60	0.46	1.73	0.45	0.39	6.12
D137964		193	37.8	11.95	14.05	11.80	8.30	2.22	3.00	0.018	2.50	0.45	1.42	0.35	0.32	4.31
D137965		259	32.2	7.65	18.55	12.30	11.80	0.55	3.88	0.055	3.84	0.69	2.56	0.27	0.72	3.97
D137966		260	33.0	8.87	17.20	11.45	11.65	0.70	4.17	0.043	3.41	0.67	2.27	0.29	0.72	4.11
D137967		98	19.65	4.80	12.10	25.0	8.40	0.36	3.23	0.016	2.25	0.48	6.12	0.58	1.31	8.96
D137968		216	30.4	8.76	14.90	16.45	9.13	1.00	2.92	0.017	2.63	0.48	6.02	0.45	0.65	5.73
D137969		364	32.9	8.95	15.40	13.30	10.65	0.97	3.82	0.029	2.30	0.47	4.02	0.30	0.64	5.51
D137970		151	43.1	11.15	24.9	6.17	2.16	1.92	4.31	0.007	0.89	0.32	0.18	0.01	0.94	5.64
D137971		265	34.5	10.05	16.50	12.00	11.35	0.83	4.34	0.052	2.97	0.65	2.18	0.28	0.74	4.22



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137932		98.04	<0.5	7	1.0	53	55	60	28	102	26	28	<10	271	<0.005
D137933		97.89	<0.5	<5	1.4	46	64	40	49	95	24	26	<10	324	<0.005
D137934		100.41	<0.5	12	1.1	33	37	40	15	111	132	14	<10	91	0.006
D137935		96.49	<0.5	<5	1.7	50	64	60	11	120	37	21	10	349	<0.005
D137936		97.18	<0.5	<5	1.7	55	89	50	13	113	34	14	<10	328	<0.005
D137937		99.36	<0.5	<5	1.2	52	74	50	10	125	27	21	<10	350	0.005
D137938		98.54	<0.5	<5	1.7	72	110	40	20	160	40	23	<10	295	0.008
D137939		96.06	<0.5	<5	1.6	59	87	40	29	147	37	24	<10	238	0.007
D137940		101.41	<0.5	<5	1.5	<1	3	10	<1	2	15	<1	<10	246	<0.005
D137941		97.38	<0.5	5	1.7	64	81	40	25	146	21	24	<10	386	0.007
D137942		97.73	<0.5	<5	2.3	99	165	30	14	243	44	27	<10	218	0.009
D137943		100.42	<0.5	<5	1.7	51	65	40	17	139	33	23	<10	396	0.005
D137944		97.25	<0.5	15	2.3	76	102	40	55	160	69	21	<10	272	<0.005
D137945		96.21	<0.5	<5	2.5	96	138	30	9	160	31	22	<10	282	<0.005
D137946		97.45	<0.5	5	2.6	99	140	40	9	177	36	20	<10	293	<0.005
D137947		98.80	<0.5	<5	1.3	42	56	50	14	113	33	19	<10	202	<0.005
D137948		97.66	<0.5	6	1.8	63	94	60	16	195	43	27	<10	150	<0.005
D137949		101.12	<0.5	<5	0.9	39	55	70	10	148	22	22	<10	319	<0.005
D137950		99.35	<0.5	31	<0.5	15	57	10	45	139	120	45	<10	233	NSS
D137951		99.70	<0.5	<5	1.1	44	67	50	9	162	16	20	<10	377	0.005
D137952		98.25	<0.5	<5	1.4	51	80	50	33	167	42	21	<10	173	0.005
D137953		92.96	<0.5	<5	2.2	85	153	50	64	242	34	30	<10	110	<0.005
D137954		96.18	<0.5	<5	2.1	66	104	50	34	148	52	22	<10	159	0.007
D137955		97.75	<0.5	<5	2.0	68	91	50	23	131	46	26	<10	233	<0.005
D137956		99.09	<0.5	5	1.3	47	59	50	11	153	24	18	<10	354	0.006
D137957		98.43	<0.5	<5	1.3	49	64	30	7	279	20	19	<10	360	<0.005
D137958		98.03	<0.5	<5	1.9	59	83	40	10	157	29	21	<10	248	<0.005
D137959		97.03	<0.5	13	1.7	36	33	30	23	220	23	16	<10	441	<0.005
D137960		100.83	<0.5	<5	<0.5	1	1	10	<1	4	11	<1	<10	23	<0.005
D137961		94.96	<0.5	<5	0.9	65	65	40	18	177	42	15	<10	184	0.005
D137962		98.48	<0.5	6	1.6	64	74	30	14	183	22	20	<10	292	0.005
D137963		101.17	<0.5	9	1.1	49	74	50	17	87	23	19	<10	201	0.005
D137964		98.49	<0.5	6	0.8	43	69	70	18	84	18	20	<10	230	<0.005
D137965		99.04	<0.5	<5	1.7	68	97	30	9	221	22	20	<10	408	0.006
D137966		98.55	<0.5	7	1.0	51	74	40	12	178	25	20	<10	412	0.006
D137967		93.26	<0.5	13	2.0	68	100	40	27	135	143	9	<10	246	0.005
D137968		99.54	0.7	9	1.3	69	71	40	15	110	29	14	10	196	0.009
D137969		99.26	<0.5	7	1.3	71	84	40	13	148	27	16	<10	219	0.008
D137970		101.70	<0.5	160	<0.5	202	3020	20	61	81	5	16	<10	23	0.174
D137971		100.66	<0.5	6	1.2	44	81	40	8	165	16	24	<10	394	<0.005



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - A
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D137972		2.36	3720	830	260	4.33	10.45	4.30	7.28	16.5	17.75	2.5	1.73	405	0.31	523
D137973		2.39	7920	2370	180	7.07	40.0	17.00	24.9	25.5	64.4	4.9	6.23	1290	1.08	1495
D137974		2.48	5090	1970	210	5.42	34.2	13.95	20.7	24.7	52.2	5.9	5.16	1100	0.96	1025
D137975		<0.02	4740	1900	230	4.79	32.6	13.25	19.55	25.1	49.7	6.2	4.94	1075	0.92	979
D137976		2.44	5320	1885	210	4.42	36.1	14.70	21.7	21.4	54.4	7.6	5.68	1045	0.99	930
D137977		2.52	6610	2350	170	5.43	35.0	14.85	22.3	23.7	56.9	5.3	5.48	1410	0.93	968
D137978		2.65	4090	1725	210	4.04	26.0	10.65	17.35	24.7	43.9	5.8	4.01	1005	0.85	759
D137979		2.55	5460	1760	450	5.22	33.0	13.50	19.50	25.7	50.9	5.8	5.04	988	0.95	499
D137980		0.43	100.0	15.0	10	0.30	0.50	0.27	0.15	0.4	0.56	0.1	0.07	10.0	0.02	4.8
D137981		2.40	4620	1230	220	4.20	23.2	10.10	14.30	23.8	38.5	6.8	3.65	628	0.73	456
D137982		2.52	3210	620	170	3.29	14.50	6.24	8.62	22.7	22.3	7.1	2.29	352	0.50	280
D137983		2.36	3560	966	200	3.11	15.80	6.28	9.71	22.7	25.3	7.4	2.45	510	0.41	350
D137984		2.41	5200	1955	250	4.11	36.7	15.30	24.1	20.0	59.6	7.2	5.89	1075	1.03	602
D137985		3.84	3930	965	240	3.06	21.0	8.50	12.65	21.9	32.0	6.5	3.41	525	0.64	330
D137986		3.12	5280	2260	130	3.69	38.8	17.75	22.9	19.7	61.9	5.5	6.53	1465	1.30	512
D137987		2.25	7020	1525	230	5.74	25.1	11.25	15.10	24.3	35.7	5.6	4.23	989	0.97	1090
D137988		3.23	7380	2320	210	5.28	41.7	17.85	25.2	25.1	63.3	5.4	6.81	1420	1.22	1130
D137989		3.57	4110	2290	150	3.11	35.3	14.55	22.9	20.4	55.2	3.8	5.72	1560	0.91	895
D137990		0.03	1075	4910	640	0.40	55.7	12.85	80.2	50.1	175.5	14.5	6.70	3860	0.63	1510
D137991		2.18	3840	2430	170	3.76	42.5	17.70	25.8	24.5	64.8	5.8	6.71	1600	1.12	625
D137992		2.19	2090	2750	110	2.29	41.1	17.40	26.0	20.1	66.1	4.2	6.87	1910	1.12	580
D137993		2.32	3100	760	220	3.51	14.95	6.66	9.10	20.1	22.8	4.8	2.55	472	0.61	263
D137994		2.48	9800	1855	120	3.90	26.3	12.35	16.20	16.1	40.5	3.4	4.43	1340	1.09	270
D137995		2.37	8080	2020	110	1.56	29.2	12.95	19.20	15.1	46.9	2.7	4.80	1260	1.26	412
D137996		1.80	1455	1940	30	0.41	27.0	12.30	17.35	8.6	44.4	1.3	4.48	1210	1.23	148.5
D137997		3.46	4370	1275	80	2.17	33.3	15.45	18.85	18.2	50.0	5.2	5.59	896	1.53	537
D137998		2.15	2300	302	140	4.13	9.80	4.92	5.72	16.0	14.70	4.7	1.70	169.0	0.45	160.5
D137999		3.14	3810	669	140	3.12	18.80	8.86	9.71	19.2	26.9	6.5	3.24	436	0.85	192.0
D138000		0.59	3080	11.0	<10	0.40	0.35	0.26	0.13	0.5	0.61	0.1	0.07	6.7	0.03	3.8
D138001		2.33	2670	465	130	2.68	14.70	6.34	8.48	17.4	22.9	5.9	2.44	287	0.70	277
D138002		2.10	2910	463	150	3.36	13.60	6.01	8.00	18.7	22.2	5.9	2.21	318	0.50	158.5
D138003		2.35	3890	520	140	2.42	13.20	5.40	7.62	17.5	21.3	4.9	2.16	367	0.52	150.0
D138004		3.21	4550	926	150	2.92	20.0	7.85	11.35	18.6	30.3	4.4	3.03	594	0.75	421
D138005		1.55	5980	1105	110	3.07	22.7	10.05	12.30	18.0	31.9	3.7	3.85	759	1.01	346
D138006		2.27	3140	2450	20	0.37	50.1	21.5	26.1	8.4	68.8	0.4	8.08	1640	2.01	205
D138007		2.47	3130	367	410	2.88	11.90	5.34	6.00	21.0	17.20	5.5	2.05	240	0.53	108.0
D138008		2.31	2380	338	290	2.19	15.25	6.38	7.08	18.1	20.6	6.7	2.48	199.0	0.64	140.0
D138009		2.40	3210	493	200	1.98	16.15	6.40	9.61	19.6	24.9	6.9	2.64	300	0.65	213
D138010		0.02	1080	4820	620	0.47	55.8	12.90	78.0	49.3	168.5	14.4	6.46	3780	0.62	1470
D138011		2.56	1895	322	160	1.75	11.25	5.02	6.24	21.1	18.70	7.5	1.82	199.0	0.48	84.7



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - B
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D137972		243	75.3	147.0	28.6	1	1320	6.6	2.06	40.6	0.48	4.93	153	8	43.2	3.01
D137973		770	232	265	97.0	2	3960	16.4	7.78	108.5	1.81	10.10	240	6	159.5	9.42
D137974		635	189.5	203	81.3	2	2870	10.3	6.50	75.9	1.58	10.85	373	10	134.0	8.32
D137975		604	181.5	191.5	79.1	3	2780	9.8	6.21	72.2	1.45	10.50	400	12	127.5	8.03
D137976		622	185.0	164.5	83.4	3	2770	11.2	7.02	69.3	1.77	17.10	353	21	147.0	9.29
D137977		713	221	182.0	88.8	3	3610	10.9	6.95	77.4	1.68	10.40	372	8	146.0	8.63
D137978		535	160.0	133.0	71.3	2	2490	4.8	5.09	47.0	1.22	5.02	456	13	103.0	6.95
D137979		579	171.0	181.5	79.0	3	2830	7.1	6.30	58.0	1.59	5.82	488	10	133.0	7.80
D137980		5.2	1.65	1.9	0.85	<1	133.0	0.1	0.07	0.54	0.02	0.46	88	1	2.1	0.08
D137981		410	119.5	126.0	56.8	3	2300	6.6	4.68	54.7	1.14	7.87	409	12	96.6	5.98
D137982		227	64.2	88.8	33.0	2	2830	7.9	2.84	15.80	0.71	2.76	457	20	63.1	4.69
D137983		290	87.7	132.5	38.8	3	2180	6.7	3.01	20.5	0.73	3.93	412	19	61.3	4.07
D137984		652	190.5	186.5	88.0	4	2900	10.5	7.07	87.0	1.77	11.65	385	8	151.0	8.65
D137985		327	91.0	111.5	45.9	2	2530	5.4	3.91	41.1	0.92	3.69	403	10	89.8	5.90
D137986		689	204	158.5	90.0	2	5760	4.6	7.43	69.5	1.97	4.19	220	11	181.0	12.05
D137987		447	137.0	259	57.2	1	2280	8.0	4.57	77.7	1.27	9.40	236	10	110.0	8.04
D137988		728	215	237	94.7	1	4390	10.1	7.76	89.7	2.02	8.95	212	9	185.5	11.30
D137989		645	198.5	141.5	84.9	2	3180	4.9	6.87	84.5	1.64	5.44	287	19	152.5	8.84
D137990		2630	745	6.5	370	31	739	23.8	14.30	253	1.21	6.15	392	4	136.5	5.75
D137991		733	221	132.5	96.0	2	2070	5.4	8.00	65.3	1.93	7.74	342	27	185.5	10.35
D137992		789	242	62.3	99.5	2	2660	5.7	8.12	60.8	1.93	5.24	253	16	182.0	10.70
D137993		239	68.3	81.1	32.9	2	2840	5.8	2.90	27.9	0.80	4.45	272	11	68.0	4.69
D137994		517	160.0	95.6	62.1	1	5860	4.0	4.90	147.0	1.43	3.80	188	12	127.0	8.95
D137995		608	187.0	55.5	73.4	1	4540	6.9	5.99	140.0	1.57	11.45	225	10	137.0	10.50
D137996		581	177.0	21.6	69.0	1	2530	1.1	5.26	86.6	1.49	5.58	121	21	120.5	9.36
D137997		398	115.0	82.0	64.1	2	4910	5.5	6.30	91.1	1.89	12.90	475	15	160.0	11.60
D137998		125.5	32.6	69.2	18.20	2	1945	6.4	1.85	42.9	0.58	3.31	244	8	46.1	3.57
D137999		216	59.9	93.6	34.2	2	2310	5.3	3.39	41.7	1.09	3.95	385	20	91.4	6.77
D138000		3.8	1.12	2.1	0.66	<1	230	0.2	0.07	0.97	0.03	0.36	13	1	1.9	0.16
D138001		187.0	48.9	77.4	29.6	2	2320	7.4	2.66	27.4	0.83	3.75	383	9	66.9	5.39
D138002		180.5	46.9	72.7	28.6	2	2120	3.0	2.65	23.0	0.68	1.43	413	13	60.1	4.17
D138003		186.5	51.3	70.7	29.0	1	3270	2.8	2.65	24.7	0.67	0.97	406	8	60.7	3.88
D138004		295	84.5	96.8	43.0	1	3740	3.6	3.89	54.4	0.99	3.82	519	11	83.7	5.91
D138005		346	99.7	122.0	47.2	1	5920	2.7	4.19	58.9	1.31	1.84	347	12	101.0	7.96
D138006		761	224	18.4	96.4	<1	>10000	0.9	9.26	153.0	2.59	2.46	61	9	216	16.30
D138007		147.0	38.4	108.5	22.4	2	2360	3.3	2.22	13.55	0.71	1.48	483	14	56.6	4.58
D138008		153.0	37.8	117.5	25.8	2	2930	3.4	2.78	15.45	0.75	1.46	383	15	69.2	4.89
D138009		204	52.7	67.8	35.0	2	2480	3.7	3.05	36.5	0.77	2.44	461	14	68.8	5.08
D138010		2630	729	6.3	363	30	728	23.8	14.40	246	1.20	6.02	448	4	134.5	5.57
D138011		143.0	36.4	41.8	24.2	2	1800	3.7	2.19	13.30	0.55	0.87	469	14	49.8	3.68



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - C
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D137972		121	32.4	10.00	13.45	10.30	11.50	0.97	5.44	0.066	2.71	0.52	1.90	0.26	0.85	7.84
D137973		283	28.9	7.52	12.40	15.75	11.70	0.45	4.96	0.025	3.14	0.52	4.09	0.47	0.87	6.14
D137974		293	32.6	8.86	15.20	13.25	11.50	0.85	4.39	0.031	3.56	0.57	3.00	0.35	0.62	4.76
D137975		288	32.3	8.77	15.30	13.20	10.85	0.87	4.12	0.029	3.54	0.56	2.69	0.31	0.56	5.35
D137976		435	32.9	9.63	15.25	13.30	10.85	1.01	3.88	0.031	3.91	0.54	3.23	0.34	0.65	5.05
D137977		256	31.2	8.51	15.35	14.40	11.30	0.87	4.17	0.026	3.26	0.62	3.64	0.44	0.73	4.76
D137978		222	32.6	8.68	17.20	14.00	10.35	0.89	3.34	0.028	4.24	0.59	2.38	0.29	0.48	4.71
D137979		247	31.8	7.93	17.50	13.60	11.65	0.68	3.97	0.060	3.61	0.67	3.27	0.32	0.64	3.50
D137980		3	10.55	0.09	0.21	29.1	21.4	0.02	0.04	<0.002	0.03	0.06	0.02	0.01	0.01	39.5
D137981		317	33.5	8.66	15.80	15.00	11.10	0.72	3.42	0.029	3.64	0.43	3.01	0.26	0.54	3.54
D137982		311	34.7	9.96	16.60	15.25	9.33	0.99	2.84	0.023	3.79	0.44	1.90	0.32	0.38	4.24
D137983		313	32.5	9.66	14.55	13.85	8.96	1.15	3.43	0.027	4.32	0.41	1.50	0.25	0.42	8.17
D137984		316	27.5	6.81	14.75	17.15	10.20	0.47	3.78	0.036	3.42	0.64	3.73	0.35	0.59	8.63
D137985		270	33.0	8.52	15.40	15.60	10.45	0.76	3.12	0.032	3.66	0.40	2.68	0.29	0.43	4.31
D137986		253	21.9	6.30	9.48	23.2	8.25	0.39	3.39	0.017	2.09	0.55	4.28	0.67	0.59	18.15
D137987		277	28.1	7.59	12.30	13.45	11.85	0.27	5.42	0.032	2.75	0.58	1.41	0.27	0.74	13.25
D137988		249	24.1	6.77	9.23	19.75	10.55	0.21	4.89	0.028	2.51	0.52	3.88	0.51	0.76	14.50
D137989		189	22.8	6.17	12.50	19.60	8.91	0.53	3.33	0.022	2.45	0.67	2.06	0.38	0.46	18.60
D137990		658	29.0	11.35	48.7	1.83	1.84	0.23	0.14	0.085	3.16	0.12	1.17	0.09	0.12	1.04
D137991		265	24.8	7.50	13.90	16.55	9.04	0.56	3.12	0.026	3.07	0.56	4.42	0.25	0.44	13.95
D137992		193	21.1	6.27	11.25	22.0	7.75	0.77	1.79	0.016	2.27	0.65	4.15	0.32	0.24	19.90
D137993		239	33.6	11.00	12.95	14.20	7.81	2.09	2.85	0.029	2.46	0.33	1.76	0.33	0.35	8.53
D137994		173	28.7	8.08	12.10	21.0	6.88	1.70	2.81	0.015	1.44	0.89	1.69	0.67	1.01	14.90
D137995		153	13.75	3.53	10.75	30.9	7.19	0.27	2.04	0.017	1.46	1.00	2.33	0.55	0.86	22.6
D137996		98	5.84	1.41	7.83	37.3	6.70	0.11	0.69	0.006	0.53	1.42	1.21	0.30	0.17	35.1
D137997		438	21.3	5.71	12.15	25.5	6.24	0.77	2.69	0.012	2.35	0.54	3.14	0.60	0.50	15.10
D137998		255	31.8	11.25	11.10	13.70	4.97	1.51	2.23	0.018	1.97	0.29	2.12	0.23	0.26	16.75
D137999		293	28.6	9.48	12.20	15.05	7.24	1.74	3.06	0.018	3.58	0.38	2.06	0.27	0.43	14.25
D138000		7	20.7	0.26	0.38	26.1	19.85	0.04	0.05	<0.002	0.05	0.06	0.05	0.03	0.34	32.2
D138001		246	27.0	8.40	12.30	17.20	7.54	1.61	2.94	0.017	3.21	0.40	1.91	0.27	0.30	15.55
D138002		239	27.9	9.14	13.20	16.35	6.78	1.22	2.75	0.022	3.39	0.34	2.24	0.26	0.34	15.55
D138003		202	25.7	8.03	13.55	17.90	7.04	1.63	2.95	0.021	3.31	0.42	2.00	0.39	0.44	13.35
D138004		205	24.3	6.91	13.95	18.00	7.75	0.74	3.82	0.023	3.50	0.61	2.35	0.46	0.52	12.35
D138005		163	25.7	7.48	9.79	20.8	6.97	0.98	3.83	0.015	2.84	0.55	1.76	0.69	0.64	16.45
D138006		33	4.81	0.95	6.51	46.0	1.78	0.08	0.52	0.005	0.42	0.57	1.01	1.52	0.36	33.9
D138007		232	28.8	7.42	20.2	15.60	9.20	0.90	3.46	0.058	4.06	0.39	2.06	0.29	0.36	7.40
D138008		273	27.7	7.22	16.20	18.10	8.44	1.01	3.35	0.041	3.40	0.35	2.53	0.36	0.28	10.55
D138009		261	30.5	7.51	16.35	17.30	8.51	1.23	2.65	0.029	3.46	0.50	2.50	0.30	0.37	7.87
D138010		652	29.0	11.20	50.5	1.88	1.76	0.25	0.15	0.088	3.14	0.13	1.14	0.10	0.12	1.26
D138011		278	32.4	7.82	17.95	16.60	9.15	1.35	1.86	0.021	3.95	0.31	2.46	0.21	0.21	4.57



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - D
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D137972		98.21	<0.5	12	1.8	48	55	60	42	146	12	18	10	410	<0.005
D137973		96.94	<0.5	11	1.6	43	56	40	29	105	39	15	10	350	<0.005
D137974		99.54	<0.5	11	1.2	41	68	50	24	110	26	21	<10	346	<0.005
D137975		98.45	<0.5	12	1.3	46	87	50	54	117	27	22	10	347	<0.005
D137976		100.57	<0.5	9	1.2	47	88	50	16	157	26	22	10	302	0.005
D137977		99.28	0.5	8	0.8	39	70	50	15	119	28	17	<10	340	0.006
D137978		99.78	<0.5	<5	1.1	55	87	40	16	126	28	22	<10	314	0.008
D137979		99.20	<0.5	6	0.9	43	52	40	14	146	21	20	<10	403	<0.005
D137980		101.04	<0.5	<5	<0.5	<1	1	10	<1	1	4	<1	<10	13	<0.005
D137981		99.65	<0.5	8	0.5	51	66	40	78	136	21	22	<10	251	<0.005
D137982		100.76	<0.5	9	0.6	52	68	50	81	101	17	21	<10	227	0.005
D137983		99.20	<0.5	8	<0.5	45	54	80	28	102	18	27	10	150	<0.005
D137984		98.06	<0.5	8	<0.5	32	40	40	12	82	15	20	<10	207	<0.005
D137985		98.65	<0.5	10	0.5	49	65	50	40	131	31	23	<10	248	0.005
D137986		99.26	<0.5	11	0.6	31	24	100	24	105	24	18	<10	178	<0.005
D137987		98.01	0.6	22	<0.5	56	53	80	34	167	36	21	<10	207	<0.005
D137988		98.21	0.5	21	<0.5	46	48	80	12	132	21	19	<10	212	0.009
D137989		98.48	0.5	25	<0.5	42	59	40	55	101	62	14	10	165	0.009
D137990		98.88	0.5	35	<0.5	12	60	10	49	141	125	46	10	252	NSS
D137991		98.19	0.5	35	<0.5	54	64	30	64	137	18	18	<10	96	0.006
D137992		98.48	<0.5	17	<0.5	35	36	30	42	89	18	12	<10	100	<0.005
D137993		98.29	<0.5	22	<0.5	46	68	60	145	144	28	17	<10	141	<0.005
D137994		101.89	0.5	16	0.8	32	54	80	159	97	101	11	<10	234	0.005
D137995		97.25	0.5	15	2.4	29	38	50	49	83	118	10	<10	639	0.007
D137996		98.62	<0.5	17	4.9	10	22	10	20	35	39	6	<10	385	<0.005
D137997		96.60	<0.5	19	1.8	34	49	40	41	53	90	16	<10	294	0.006
D137998		98.20	<0.5	7	<0.5	41	38	70	15	89	25	18	<10	63	0.005
D137999		98.36	<0.5	23	<0.5	40	21	50	65	66	17	19	<10	69	<0.005
D138000		100.11	<0.5	<5	<0.5	1	1	20	1	2	4	<1	<10	26	0.005
D138001		98.65	<0.5	15	<0.5	39	21	40	81	70	17	17	<10	94	<0.005
D138002		99.48	<0.5	19	<0.5	42	21	40	56	67	20	20	10	60	0.005
D138003		96.73	<0.5	20	<0.5	46	42	60	92	78	18	19	<10	97	0.009
D138004		95.28	<0.5	25	<0.5	45	49	100	31	87	20	22	10	145	<0.005
D138005		98.50	<0.5	19	<0.5	27	19	100	32	50	17	17	<10	143	<0.005
D138006		98.44	<0.5	16	0.9	21	30	10	41	60	46	8	<10	72	0.005
D138007		100.20	<0.5	35	<0.5	61	35	50	31	152	15	25	10	148	<0.005
D138008		99.53	<0.5	21	<0.5	57	42	50	39	186	17	26	<10	126	<0.005
D138009		99.08	<0.5	14	<0.5	56	59	60	43	172	50	24	<10	172	0.007
D138010		100.72	<0.5	36	<0.5	12	57	10	46	134	120	43	<10	237	NSS
D138011		98.86	<0.5	10	<0.5	64	57	40	51	194	18	25	<10	191	0.006



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - A
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D138012		2.41	3810	716	90	2.34	13.05	5.30	7.49	20.5	21.1	6.5	2.09	522	0.53	96.0
D138013		2.39	3710	664	100	2.33	13.85	5.59	7.81	20.5	22.1	5.9	2.27	456	0.62	118.5
D138014		2.10	3400	994	100	2.99	15.85	6.69	9.35	18.8	24.4	5.4	2.59	787	0.57	132.5
D138015		2.18	799	432	190	2.10	9.96	4.53	5.72	14.0	16.25	4.1	1.63	306	0.39	116.5
D138016		2.91	301	357	110	1.74	9.96	4.38	5.65	9.2	15.30	3.0	1.65	237	0.36	212
D138017		3.70	2220	381	130	2.91	12.75	5.57	6.74	18.9	19.60	6.4	2.11	227	0.52	111.0
D138018		2.34	2770	488	80	2.68	15.05	6.53	8.43	18.3	21.4	5.4	2.40	283	0.72	217
D138019		2.31	3660	541	290	3.85	13.60	7.90	8.05	16.9	19.55	10.1	2.53	324	0.95	1955
D138020		0.61	861	5.7	<10	0.25	0.18	0.19	0.06	0.2	0.29	0.1	0.04	3.5	0.01	10.3
D138021		2.24	3090	657	180	3.66	13.05	6.50	7.81	16.5	18.30	4.1	2.17	460	0.62	169.5
D138022		2.34	3200	757	100	3.03	17.25	8.42	10.35	16.3	25.7	4.4	3.09	441	0.71	227
D138023		2.17	3290	454	330	2.94	11.90	5.16	6.73	15.3	16.20	4.4	2.08	287	0.55	246
D138024		2.30	5050	910	250	5.01	16.05	8.17	10.25	15.5	24.8	4.7	2.74	570	0.72	194.0
D138025		<0.02	5270	1020	240	4.94	17.70	8.13	11.00	15.4	28.1	4.3	2.93	647	0.85	193.5
D138026		2.20	3850	382	70	5.25	11.00	4.57	6.80	17.0	17.35	4.9	1.79	257	0.44	146.0
D138027		2.41	3310	452	210	4.64	11.75	5.23	6.63	17.2	18.15	5.3	1.91	297	0.47	123.5
D138028		2.26	2800	578	70	3.46	13.70	5.90	9.17	18.1	23.2	5.2	2.23	366	0.54	279
D138029		2.25	2430	455	130	3.67	12.95	5.68	7.75	17.3	19.10	5.7	2.07	287	0.51	257
D138030		0.07	8570	82.9	50	0.81	3.88	2.49	1.28	20.4	3.92	3.5	0.82	86.4	0.37	6.5
D138031		1.78	2270	1325	70	2.31	22.9	10.55	13.55	11.5	31.9	1.8	3.88	950	0.94	280
D138032		2.74	3100	1280	290	0.82	73.3	31.4	26.4	9.6	76.6	2.6	12.00	629	2.11	232
D138033		2.39	4930	864	510	2.63	18.25	8.85	11.25	15.0	27.7	7.4	3.14	503	0.85	321
D138034		2.41	4890	898	330	4.51	14.75	6.73	9.45	17.2	22.3	4.7	2.59	551	0.62	245
D138035		2.52	5010	1070	120	4.05	19.10	9.15	11.75	17.2	29.1	3.9	3.33	651	0.85	328
D138036		2.41	4840	579	360	3.45	17.05	7.16	10.05	15.8	25.9	5.0	2.84	337	0.75	371
D138037		2.38	2820	596	540	2.45	13.95	5.68	8.23	15.8	21.8	7.0	2.08	402	0.58	295
D138038		2.33	2800	433	280	3.65	13.75	5.95	7.56	16.8	19.55	6.3	2.28	260	0.60	270
D138039		2.27	2800	410	320	3.58	10.25	4.66	6.20	16.9	16.40	5.8	1.92	266	0.47	175.5
D138040		0.56	192.5	6.1	<10	0.44	0.17	0.11	0.04	0.3	0.25	0.1	0.03	4.4	0.01	2.3
D138041		2.17	2030	256	550	3.78	6.12	2.57	4.05	14.1	11.05	4.9	0.94	151.5	0.23	135.5
D138042		2.26	3590	375	520	2.51	12.35	5.24	7.32	14.2	20.4	6.7	2.04	214	0.41	251
D138043		2.33	2360	509	150	3.00	15.05	6.63	8.45	16.9	21.8	9.1	2.34	284	0.54	403
D138044		2.43	2810	536	290	3.47	12.55	4.77	8.77	17.3	22.1	7.1	1.92	291	0.36	297
D138045		2.53	2190	526	330	1.80	13.50	4.11	9.74	16.3	24.4	10.6	1.97	261	0.29	368
D138046		2.36	3190	520	260	1.89	16.25	6.19	10.10	17.0	26.7	9.7	2.52	265	0.39	388
D138047		2.28	4270	569	280	1.58	20.1	7.86	12.35	14.8	31.7	8.2	3.09	306	0.52	352
D138048		2.25	2910	458	180	2.12	16.15	6.64	8.79	17.9	24.3	8.1	2.67	269	0.63	294
D138049		2.22	4220	1030	230	2.57	22.8	10.50	13.00	18.1	32.9	5.6	3.88	570	1.08	362
D138050		0.02	985	4810	610	0.41	51.3	12.65	77.6	47.8	159.0	14.3	6.50	3620	0.60	1470



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - B
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D138012		208	59.9	57.9	30.2	2	2780	3.4	2.42	33.5	0.62	0.90	477	21	54.2	3.90
D138013		201	56.8	63.7	28.7	2	3030	3.2	2.63	26.7	0.74	1.16	453	14	60.7	4.44
D138014		277	83.0	82.0	37.5	2	2450	3.6	2.89	19.50	0.74	2.81	354	39	69.8	4.38
D138015		143.0	41.3	45.0	21.1	1	1205	3.9	1.87	17.10	0.50	2.68	252	47	48.8	3.01
D138016		128.5	35.5	30.1	20.2	1	1085	6.4	1.89	16.20	0.51	4.63	229	22	46.4	3.20
D138017		164.0	41.6	62.6	26.9	1	1935	3.1	2.34	16.00	0.62	1.49	416	15	57.0	4.14
D138018		193.0	51.9	87.3	31.5	2	2780	2.8	2.62	18.00	0.84	2.25	523	6	67.9	5.24
D138019		190.0	54.2	127.0	27.7	3	3320	18.0	2.45	49.9	0.94	47.5	652	12	73.7	7.42
D138020		2.1	0.55	1.3	0.44	<1	131.0	0.1	0.03	0.48	0.01	0.54	<5	1	1.3	0.12
D138021		203	61.8	108.0	27.9	1	3420	5.3	2.35	14.40	0.84	3.86	290	9	66.8	4.85
D138022		251	72.8	89.6	37.2	1	2860	3.4	3.21	29.4	1.01	3.25	382	15	85.3	6.03
D138023		156.5	45.8	112.0	23.0	2	2690	5.0	2.18	20.1	0.76	3.06	325	10	57.3	4.44
D138024		261	79.2	126.5	39.2	1	3760	6.0	3.16	41.1	0.93	4.49	266	5	79.3	5.77
D138025		287	89.7	123.5	41.4	1	3990	5.8	3.29	48.5	1.03	5.02	242	5	84.7	6.35
D138026		143.5	39.8	97.8	25.1	1	3260	3.3	2.13	34.1	0.57	0.79	327	4	49.0	3.60
D138027		161.5	44.8	99.1	24.9	2	3570	3.9	2.19	20.3	0.61	1.99	297	7	52.6	3.80
D138028		208	57.6	114.0	32.1	1	3040	3.5	2.76	30.4	0.68	1.33	358	22	59.5	4.26
D138029		169.5	47.6	97.9	27.9	1	2490	4.7	2.42	21.8	0.67	3.52	336	14	58.2	3.61
D138030		22.4	6.58	115.0	4.50	6	101.0	0.5	0.66	8.84	0.32	18.10	298	47	20.8	2.27
D138031		376	116.5	35.1	47.6	1	1950	3.3	4.01	22.0	1.30	6.32	194	37	102.0	7.68
D138032		475	130.0	49.9	79.8	1	2730	3.9	11.80	130.0	3.40	4.23	213	10	311	18.45
D138033		280	79.8	86.1	40.6	2	3260	7.4	3.45	36.0	0.98	7.86	348	12	82.9	6.37
D138034		262	79.3	100.5	33.3	2	4030	6.9	2.92	31.7	0.82	5.87	221	14	69.8	5.11
D138035		323	97.1	100.0	42.8	2	3120	5.5	3.81	50.3	1.01	6.16	326	18	91.8	6.42
D138036		222	60.5	107.0	36.1	2	2890	10.3	3.16	72.2	0.87	8.36	351	30	74.4	5.72
D138037		208	58.8	105.0	30.1	2	3050	10.4	2.66	36.1	0.63	4.58	355	16	59.3	3.88
D138038		168.5	46.1	125.0	27.7	2	3320	10.1	2.51	27.7	0.71	6.14	338	16	61.3	4.54
D138039		146.0	40.7	143.0	22.9	1	2410	7.0	1.94	21.9	0.63	4.29	307	17	49.9	3.48
D138040		1.9	0.60	1.9	0.33	<1	129.5	0.1	0.04	0.42	0.01	0.30	<5	1	1.1	0.03
D138041		101.5	27.3	119.0	15.90	2	2050	6.7	1.23	14.75	0.28	3.48	242	15	27.2	1.66
D138042		156.5	41.9	120.0	27.2	2	3430	9.3	2.41	25.9	0.54	4.68	333	16	56.2	3.53
D138043		199.0	55.2	106.0	31.2	2	3390	9.2	2.65	34.5	0.79	7.04	306	12	63.9	4.22
D138044		225	59.8	104.0	34.7	2	3680	12.9	2.65	26.4	0.53	6.44	229	11	49.4	2.94
D138045		235	60.2	103.0	38.0	2	2740	16.0	2.72	33.3	0.46	10.15	210	12	45.3	2.70
D138046		231	59.2	113.0	37.6	2	2900	14.4	3.16	33.2	0.62	9.53	243	11	63.5	3.03
D138047		247	64.4	112.0	41.8	3	3290	12.7	3.75	46.2	0.89	7.48	251	10	84.6	4.41
D138048		191.0	51.3	96.7	32.3	2	2870	7.5	3.17	21.4	0.80	6.49	423	10	71.9	4.82
D138049		351	99.4	113.0	49.6	2	2330	8.1	4.10	81.2	1.35	6.03	395	17	104.5	8.58
D138050		2600	739	6.2	368	30	694	23.2	13.80	219	1.18	6.00	392	4	127.0	4.97



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - C
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO			LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
D138012		245	29.7	7.88	16.80	16.45	7.60	1.47	2.25	0.016	3.97	0.40	2.30	0.35	0.45	9.46		
D138013		231	29.4	7.79	17.80	17.40	7.97	1.27	2.47	0.015	3.80	0.44	2.33	0.38	0.43	7.54		
D138014		223	29.2	9.97	12.95	16.45	6.75	1.52	2.80	0.015	2.90	0.27	1.88	0.30	0.39	14.05		
D138015		188	26.2	6.85	11.25	17.10	8.39	0.33	1.39	0.024	1.98	0.46	1.11	0.14	0.09	23.8		
D138016		142	24.0	4.59	10.10	20.6	8.16	0.15	0.86	0.014	1.53	0.54	1.06	0.12	0.03	26.3		
D138017		250	28.0	9.85	14.45	16.35	8.24	1.27	2.43	0.016	3.26	0.29	2.03	0.23	0.25	12.10		
D138018		235	30.9	9.86	14.15	16.80	7.63	1.45	3.66	0.013	3.20	0.39	2.05	0.34	0.33	8.76		
D138019		877	27.3	8.34	14.70	16.50	8.31	1.11	4.34	0.042	2.48	0.51	1.43	0.40	0.44	13.10		
D138020		5	17.45	0.11	0.21	29.2	20.6	0.04	0.03	<0.002	0.02	0.05	0.03	0.02	0.10	32.7		
D138021		210	29.6	9.81	10.40	17.90	7.10	1.58	3.93	0.025	1.91	0.31	1.30	0.40	0.36	13.95		
D138022		216	25.9	9.03	11.75	18.25	8.43	1.19	3.74	0.016	3.08	0.42	1.79	0.35	0.39	16.00		
D138023		234	30.7	9.16	10.95	15.30	9.25	1.47	4.16	0.049	2.46	0.36	0.95	0.33	0.40	13.20		
D138024		238	28.8	8.65	10.75	17.40	9.77	1.28	4.26	0.037	2.29	0.39	1.50	0.46	0.62	13.60		
D138025		230	28.2	8.14	10.65	18.25	9.95	1.17	4.20	0.036	2.12	0.42	1.51	0.50	0.65	14.30		
D138026		216	31.2	10.90	13.25	15.25	7.70	1.79	4.11	0.012	3.42	0.36	1.85	0.40	0.47	9.18		
D138027		248	29.4	9.38	12.90	16.50	8.65	1.41	3.84	0.029	3.02	0.30	1.63	0.44	0.38	11.60		
D138028		241	27.5	9.75	12.50	16.00	7.56	1.05	4.39	0.009	3.68	0.36	1.81	0.38	0.33	12.70		
D138029		264	29.1	9.08	11.60	16.65	8.11	1.01	3.69	0.020	3.46	0.38	2.31	0.31	0.31	15.30		
D138030		152	43.0	11.15	24.8	6.22	2.11	1.90	4.31	0.006	0.89	0.32	0.18	0.01	0.95	5.92		
D138031		110	20.7	5.11	9.97	21.7	8.61	0.28	1.25	0.011	1.29	0.53	1.92	0.24	0.29	26.6		
D138032		153	15.05	3.31	9.35	28.3	9.67	0.23	2.36	0.044	1.31	0.81	3.96	0.33	0.38	23.1		
D138033		480	24.8	6.43	11.45	21.4	10.95	0.62	3.66	0.074	2.19	0.39	1.73	0.40	0.60	15.70		
D138034		244	33.2	11.20	11.25	16.00	7.96	1.76	3.56	0.045	1.75	0.29	1.29	0.49	0.56	10.15		
D138035		196	25.1	7.91	15.30	18.40	8.96	1.01	3.39	0.018	2.78	0.61	2.51	0.38	0.61	13.55		
D138036		264	27.1	7.51	13.70	19.35	9.73	0.72	3.51	0.049	2.68	0.39	1.84	0.35	0.56	11.30		
D138037		367	26.1	5.75	11.75	20.5	11.95	0.39	3.82	0.073	2.47	0.30	1.76	0.37	0.33	13.60		
D138038		340	28.9	8.62	11.80	19.15	9.61	1.02	3.87	0.037	2.55	0.27	1.92	0.40	0.32	11.30		
D138039		280	29.7	9.36	11.30	14.95	9.55	0.99	4.07	0.043	2.47	0.26	1.28	0.29	0.32	14.20		
D138040		4	17.85	0.13	0.20	29.1	20.6	0.04	0.05	<0.002	0.03	0.06	0.03	0.02	0.02	32.4		
D138041		235	28.2	8.68	10.50	15.10	9.83	0.77	3.85	0.074	2.25	0.24	1.19	0.25	0.24	17.05		
D138042		341	25.9	7.20	11.25	19.90	10.05	0.60	3.55	0.069	2.82	0.26	1.59	0.41	0.41	14.95		
D138043		465	30.8	8.86	11.50	20.0	8.96	1.22	3.28	0.020	2.97	0.31	2.13	0.40	0.27	10.30		
D138044		355	28.7	7.76	12.60	19.75	9.77	1.04	3.20	0.039	2.79	0.26	1.83	0.45	0.32	10.15		
D138045		492	28.1	6.29	12.60	22.7	10.85	0.40	3.12	0.044	3.18	0.22	2.06	0.33	0.26	10.10		
D138046		456	26.9	6.44	11.45	23.1	10.40	0.37	3.67	0.035	3.00	0.25	2.26	0.35	0.37	11.15		
D138047		426	24.0	5.96	9.74	24.1	9.51	0.29	3.65	0.037	2.79	0.38	1.93	0.40	0.49	15.90		
D138048		393	28.4	6.87	13.20	20.4	9.17	0.64	3.54	0.025	2.79	0.37	2.52	0.35	0.33	9.87		
D138049		310	30.5	9.35	12.30	15.60	9.41	0.37	4.84	0.031	2.52	0.53	1.73	0.28	0.49	11.55		
D138050		620	28.7	11.20	49.7	1.85	1.79	0.23	0.15	0.084	3.06	0.12	1.10	0.10	0.12	1.27		



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - D
 Total # Pages: 5 (A - D)
 Plus Appendix Pages
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D138012		99.10	<0.5	8	<0.5	53	43	70	67	159	14	23	<10	129	0.006
D138013		99.04	<0.5	13	<0.5	55	45	60	67	127	12	21	10	152	0.012
D138014		99.45	<0.5	11	<0.5	42	29	60	158	62	13	15	<10	66	0.008
D138015		99.11	<0.5	16	<0.5	43	37	30	73	85	10	14	<10	12	<0.005
D138016		98.05	<0.5	8	<0.5	31	20	30	52	68	12	10	<10	9	<0.005
D138017		98.77	<0.5	14	<0.5	50	25	60	38	83	17	17	10	86	0.005
D138018		99.53	<0.5	25	<0.5	42	15	100	41	53	24	15	<10	134	0.009
D138019		99.00	<0.5	53	<0.5	56	77	100	21	175	39	15	10	168	0.006
D138020		100.56	<0.5	<5	<0.5	<1	1	10	<1	2	5	<1	<10	30	<0.005
D138021		98.58	<0.5	34	<0.5	38	71	90	161	124	40	15	<10	83	<0.005
D138022		100.34	<0.5	12	<0.5	37	22	80	256	70	22	14	<10	85	0.006
D138023		98.74	<0.5	26	<0.5	42	65	70	81	171	632	21	<10	111	<0.005
D138024		99.81	<0.5	29	<0.5	37	54	60	21	152	56	19	<10	173	<0.005
D138025		100.10	<0.5	30	<0.5	36	47	50	19	158	60	18	<10	204	<0.005
D138026		99.89	<0.5	10	<0.5	35	19	90	15	49	54	13	<10	154	0.005
D138027		99.48	<0.5	15	<0.5	42	41	70	16	122	20	16	<10	109	0.006
D138028		98.02	<0.5	11	<0.5	37	35	90	14	72	16	16	10	144	<0.005
D138029		101.33	<0.5	13	<0.5	40	47	80	15	95	13	16	<10	103	<0.005
D138030		101.77	<0.5	157	<0.5	198	2970	20	60	79	6	16	<10	22	0.192
D138031		98.50	0.5	8	<0.5	22	19	20	38	75	23	12	<10	13	<0.005
D138032		98.20	<0.5	11	2.4	26	44	20	12	164	97	13	<10	820	<0.005
D138033		100.39	<0.5	32	<0.5	46	85	40	24	259	41	21	<10	77	0.005
D138034		99.51	<0.5	16	<0.5	42	74	90	101	210	29	18	<10	113	<0.005
D138035		100.53	<0.5	11	<0.5	47	55	70	40	119	21	13	<10	159	0.005
D138036		98.79	<0.5	23	<0.5	47	69	50	116	182	44	19	<10	180	0.008
D138037		99.16	<0.5	17	<0.5	50	74	30	225	258	24	22	<10	94	0.010
D138038		99.77	<0.5	19	<0.5	43	92	50	142	148	30	20	<10	94	0.005
D138039		98.78	<0.5	14	<0.5	48	113	80	38	158	16	22	<10	78	0.016
D138040		100.53	<0.5	<5	<0.5	<1	2	20	1	4	4	<1	<10	16	<0.005
D138041		98.22	<0.5	9	<0.5	48	73	50	48	187	14	25	<10	59	<0.005
D138042		98.96	<0.5	19	<0.5	46	91	50	51	162	28	28	<10	83	0.006
D138043		101.02	<0.5	13	<0.5	35	121	70	48	67	17	23	<10	153	0.011
D138044		98.66	<0.5	16	0.5	41	123	30	28	95	24	21	10	168	0.012
D138045		100.25	<0.5	13	0.7	44	134	10	41	95	57	27	10	266	0.013
D138046		99.75	<0.5	14	<0.5	40	118	10	29	86	41	27	<10	165	0.005
D138047		99.18	<0.5	16	<0.5	35	104	20	27	93	23	25	<10	96	<0.005
D138048		98.48	<0.5	14	<0.5	45	113	30	41	80	25	25	<10	140	<0.005
D138049		99.50	<0.5	27	<0.5	37	67	100	296	107	38	17	<10	181	0.005
D138050		99.47	<0.5	35	<0.5	15	60	10	48	141	124	45	10	249	NSS



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 18-OCT-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21251731

	CERTIFICATE COMMENTS												
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>NSS is non-sufficient sample. ALL METHODS</p>												
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA23</td> <td style="width: 33%;">ME-4ACD81</td> <td style="width: 33%;">ME-ICP06</td> <td style="width: 15%;"></td> </tr> <tr> <td>OA-GRA05</td> <td>TOT-ICP06</td> <td></td> <td>ME-MS81</td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06		OA-GRA05	TOT-ICP06		ME-MS81				
Au-AA23	ME-4ACD81	ME-ICP06											
OA-GRA05	TOT-ICP06		ME-MS81										
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 15%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

CERTIFICATE TM21261893

Project: HK

This report is for 75 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 29-SEP-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
FND-02	Find Sample for Addn Analysis
FND-03	Find Reject for Addn Analysis

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D138531		2.34	5120	306	340	2.71	12.65	6.17	4.68	17.2	13.35	4.9	2.32	194.5	0.50	152.5
D138532		3.20	5620	599	120	1.10	64.9	38.4	11.10	16.4	37.0	1.8	13.30	366	3.11	476
D138533		3.36	>10000	721	200	0.84	95.5	56.1	13.45	17.8	49.0	2.4	19.35	422	4.56	1030
D138534		2.75	2120	1010	80	0.39	72.8	39.3	15.25	9.7	50.5	3.5	13.85	636	3.92	1660
D138535		3.61	3400	1040	10	0.19	35.6	17.15	11.95	6.5	33.7	1.1	6.22	664	1.78	1745
D138536		2.30	3370	576	260	2.96	19.50	9.92	7.96	18.1	22.8	3.6	3.41	356	0.95	198.0
D138537		2.31	3120	553	370	1.43	19.10	9.07	8.62	13.7	24.6	5.9	3.39	293	0.90	402
D138538		2.87	4110	928	470	1.00	36.1	15.30	14.90	16.1	39.8	4.1	5.93	536	1.40	446
D138539		2.95	2380	983	60	0.12	50.6	21.5	17.90	6.8	55.0	1.4	8.51	546	1.93	312
D138540		0.61	244	7.9	<10	0.34	0.42	0.23	0.12	1.4	0.45	0.8	0.07	4.9	0.03	3.2
D138541		3.29	2000	238	580	3.01	7.36	3.45	4.26	15.1	11.10	4.8	1.30	128.0	0.32	164.0
D138542		3.13	4710	610	400	1.68	31.2	13.30	11.15	12.6	33.8	3.8	5.14	362	1.34	397
D138543		1.39	4040	806	90	0.60	45.2	25.1	12.90	7.5	37.8	1.3	8.50	474	2.88	243
D138544		2.75	3450	1095	10	0.07	66.3	29.2	20.0	6.4	61.5	0.8	11.30	619	2.52	619
D138545		2.08	1705	878	10	0.03	36.1	18.45	13.65	6.2	38.7	1.2	6.47	496	2.00	317
D138546		2.47	2480	831	10	0.60	30.9	15.95	11.70	8.8	33.2	2.6	5.73	476	1.94	631
D138547		2.58	2360	809	20	0.17	25.0	12.65	10.75	8.5	28.8	1.2	4.51	464	1.25	219
D138548		2.57	1795	658	20	0.18	31.8	16.55	10.10	7.6	30.1	0.8	6.11	385	1.52	459
D138549		3.28	5670	374	250	1.89	16.35	7.86	6.29	18.8	17.85	5.9	2.74	222	0.90	728
D138550		0.06	8260	79.6	40	0.71	3.84	2.47	1.32	20.5	4.32	3.5	0.82	83.0	0.35	7.5
D138551		1.48	9420	534	70	0.78	16.70	8.18	7.26	21.1	20.3	3.7	2.92	346	0.91	391
D138552		2.23	7960	452	120	1.28	14.20	6.85	6.61	20.2	18.40	4.0	2.41	280	0.80	490
D138553		2.90	5520	598	120	1.71	16.05	7.75	7.89	20.7	20.4	3.4	2.81	388	0.80	539
D138554		2.48	9380	262	110	1.03	9.91	4.89	3.81	19.1	11.35	3.6	1.70	194.0	0.62	229
D138555		1.67	4940	286	330	2.10	7.63	3.28	4.05	19.0	11.35	4.7	1.21	205	0.37	270
D138556		2.23	8940	216	150	0.85	9.03	3.96	3.92	21.7	11.70	3.2	1.43	153.5	0.48	213
D138557		1.39	8940	212	80	0.97	10.60	4.59	4.11	26.8	12.50	4.6	1.80	155.0	0.57	214
D138558		3.43	3710	570	200	2.54	15.80	6.45	8.27	18.9	23.0	5.5	2.59	380	0.69	222
D138559		2.05	5160	1375	50	0.40	106.0	37.0	34.5	13.1	118.0	1.4	16.70	904	3.19	2040
D138560		0.56	336	7.2	<10	0.36	0.45	0.21	0.11	0.2	0.50	0.1	0.08	5.3	0.03	8.1
D138561		1.84	5290	485	50	0.46	20.9	7.19	9.68	23.6	30.4	1.1	3.21	347	0.74	402
D138562		2.32	5150	430	100	2.88	11.80	5.84	5.58	17.2	14.80	4.5	2.24	318	0.82	340
D138563		2.77	3690	281	380	4.50	6.71	2.83	4.05	15.5	11.00	4.4	1.10	184.0	0.32	154.0
D138564		2.86	3380	293	250	4.67	9.19	4.25	5.29	16.7	13.80	4.0	1.59	185.5	0.46	180.5
D138565		1.90	4560	363	60	0.80	14.50	6.83	5.57	12.6	16.10	1.5	2.64	268	0.85	370
D138566		2.03	6610	432	120	0.99	14.45	6.87	6.26	18.1	17.75	3.2	2.60	273	0.92	225
D138567		2.35	2940	773	240	2.65	20.8	9.18	13.10	16.5	33.8	4.2	3.50	418	0.85	386
D138568		2.38	2600	209	470	2.92	5.97	2.36	4.06	15.1	10.10	5.5	0.95	112.0	0.23	134.5
D138569		2.16	2480	388	350	2.77	7.72	3.29	5.15	12.7	12.35	3.7	1.33	240	0.43	116.5
D138570		<0.02	1100	5130	640	0.42	50.3	12.25	78.6	55.3	158.5	13.9	6.40	3830	0.67	1470



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D138531		110.0	30.7	110.5	17.70	2	2930	4.0	1.99	18.70	0.74	2.22	322	15	71.7	4.36
D138532		210	59.0	62.7	35.5	1	3690	5.5	8.36	163.5	4.81	5.29	313	17	425	27.1
D138533		260	71.8	68.1	42.5	2	5400	9.9	11.80	194.0	6.88	7.24	450	15	614	39.6
D138534		303	91.1	22.5	48.2	1	4200	2.7	10.15	280	4.83	159.5	1500	16	434	29.0
D138535		298	91.2	15.2	41.3	1	9170	2.3	5.62	155.0	2.16	256	539	8	183.5	13.75
D138536		189.0	54.6	78.4	29.1	2	3470	2.8	3.42	40.4	1.23	4.22	358	15	102.0	7.45
D138537		211	57.1	82.8	32.8	2	4800	8.1	3.38	52.6	1.13	11.35	423	11	96.6	7.20
D138538		331	92.4	75.7	50.2	2	3680	5.7	6.09	86.1	1.76	8.15	468	7	168.5	10.80
D138539		341	96.7	9.8	56.5	1	>10000	1.2	8.69	137.5	2.50	43.0	382	4	236	15.40
D138540		2.6	0.79	3.6	0.47	<1	215	<0.1	0.06	0.92	0.01	0.53	7	1	2.2	0.21
D138541		96.3	25.6	100.5	15.85	2	2920	5.1	1.43	14.35	0.38	4.82	301	7	35.0	2.38
D138542		211	60.0	72.2	34.5	1	9090	4.3	5.28	104.5	1.67	23.4	513	7	147.0	10.25
D138543		271	77.8	27.6	41.5	1	>10000	2.1	6.56	124.5	3.36	20.8	270	2	273	21.3
D138544		364	105.0	8.3	58.6	1	>10000	1.2	10.45	241	3.40	84.0	427	4	346	21.0
D138545		287	83.3	5.7	43.4	1	>10000	0.7	5.64	111.0	2.19	55.8	1115	7	189.0	14.75
D138546		269	79.0	34.9	38.8	2	>10000	7.8	5.06	107.0	2.17	86.3	1030	4	166.5	14.25
D138547		262	76.8	15.7	37.3	1	>10000	0.9	4.14	77.5	1.60	30.9	1525	4	133.5	9.33
D138548		206	61.2	14.4	31.2	1	9100	0.7	4.97	88.1	2.07	44.9	1450	6	181.0	12.10
D138549		123.5	34.9	137.0	20.6	2	5010	4.6	2.73	54.4	1.00	79.8	620	3	92.9	6.39
D138550		22.2	6.47	104.0	4.20	5	109.5	0.5	0.68	8.93	0.31	17.35	322	52	21.3	2.23
D138551		146.0	45.9	133.0	23.1	2	4250	1.1	2.90	62.5	1.01	31.3	723	5	89.2	6.75
D138552		129.0	39.0	139.0	21.2	1	4910	1.8	2.45	69.3	0.89	37.4	437	4	73.8	6.05
D138553		184.0	53.6	126.5	26.9	2	5990	3.5	2.80	50.8	0.98	37.6	575	3	82.8	6.31
D138554		74.9	23.0	126.5	12.90	2	3870	1.4	1.64	43.0	0.63	11.10	623	6	48.0	4.03
D138555		85.1	25.9	176.5	14.20	2	3890	3.7	1.55	45.6	0.39	9.63	379	3	35.7	2.57
D138556		60.3	18.95	144.0	11.65	2	3900	1.2	1.66	62.3	0.48	5.07	546	5	40.6	3.29
D138557		64.1	19.90	155.0	12.10	3	2990	2.5	2.11	75.3	0.62	3.58	595	4	49.4	3.82
D138558		183.5	54.1	148.0	29.3	2	5010	5.4	3.18	98.5	0.88	3.40	425	4	73.6	5.12
D138559		413	128.0	35.7	84.9	2	9560	5.1	20.8	627	4.49	171.0	348	14	465	23.9
D138560		2.3	0.65	1.2	0.40	<1	186.5	<0.1	0.09	2.63	0.03	0.85	7	<1	2.4	0.19
D138561		128.0	41.6	111.5	25.4	1	2610	1.8	4.68	164.5	0.89	4.45	223	11	89.5	5.21
D138562		132.0	39.7	121.0	20.1	1	4800	5.5	2.19	37.8	0.92	4.92	390	3	65.0	5.32
D138563		100.5	28.0	128.0	15.25	12	3720	5.2	1.38	18.60	0.37	3.55	265	16	31.6	1.94
D138564		110.0	29.8	124.0	19.15	1	3900	5.4	1.92	20.5	0.56	3.28	429	5	47.4	3.20
D138565		112.5	33.3	67.0	18.30	1	9430	2.0	2.62	45.3	0.96	15.50	334	3	76.1	5.65
D138566		144.0	42.3	123.0	21.9	1	2410	2.0	2.73	52.0	0.95	4.82	595	22	78.4	5.95
D138567		312	84.3	114.5	49.3	2	2910	6.2	4.27	37.6	1.14	5.76	386	21	109.0	6.35
D138568		91.4	24.4	135.0	15.30	1	2180	5.4	1.29	9.50	0.30	2.45	241	12	26.4	1.54
D138569		136.5	38.6	90.3	19.05	1	1520	4.0	1.55	16.60	0.47	2.34	233	9	36.3	2.89
D138570		2800	753	6.4	379	30	780	24.6	14.15	261	1.26	6.33	416	3	137.0	5.29



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	
D138531		205	31.8	9.22	11.95	14.25	11.90	0.44	4.84	0.055	2.41	0.25	0.91	0.36	0.56	9.83
D138532		108	26.7	8.05	9.49	22.4	5.47	0.64	4.15	0.021	1.18	0.45	1.66	0.44	0.60	14.80
D138533		130	28.2	8.24	9.07	18.90	7.25	0.57	5.06	0.032	2.33	0.38	2.49	0.63	1.29	10.25
D138534		253	9.20	1.84	36.1	18.60	3.22	0.27	1.12	0.013	1.85	0.57	4.44	0.48	0.23	9.34
D138535		98	5.13	0.83	8.95	41.4	2.67	0.08	0.65	0.004	0.51	0.44	3.97	1.04	0.35	27.7
D138536		162	33.6	9.53	12.20	15.90	7.82	1.77	3.21	0.039	1.80	0.35	0.95	0.40	0.36	10.40
D138537		259	23.3	5.13	10.95	22.3	12.05	0.28	4.13	0.055	2.20	0.30	2.07	0.57	0.34	14.35
D138538		198	23.2	5.03	10.40	22.8	12.30	0.22	4.35	0.073	1.88	0.49	2.10	0.45	0.46	15.25
D138539		116	6.46	0.84	7.44	43.5	2.63	0.14	0.46	0.008	0.39	0.45	5.70	1.46	0.26	28.3
D138540		31	22.9	0.06	0.17	28.0	21.8	0.06	0.05	0.002	0.01	0.06	0.04	0.02	0.02	28.6
D138541		223	32.8	8.32	11.55	16.45	12.15	0.90	3.85	0.086	2.35	0.21	1.29	0.35	0.23	9.54
D138542		200	18.15	4.87	9.87	27.2	7.71	0.37	2.95	0.059	1.91	0.33	1.66	1.05	0.52	20.3
D138543		75	7.72	1.96	5.30	43.0	3.78	0.20	1.33	0.016	0.79	0.38	3.21	1.46	0.46	29.9
D138544		79	5.03	0.39	7.42	45.5	1.97	0.11	0.44	0.003	0.38	0.40	6.12	1.49	0.38	27.6
D138545		118	3.70	0.29	14.85	41.0	1.47	0.07	0.24	0.004	0.57	0.43	6.16	1.18	0.19	24.4
D138546		252	9.41	2.79	17.30	34.0	1.40	0.45	1.31	0.003	0.66	0.48	5.40	1.32	0.28	19.05
D138547		104	4.75	0.82	25.4	34.5	1.82	0.08	0.60	0.005	0.94	0.47	6.64	1.28	0.28	17.20
D138548		73	4.10	0.49	19.45	33.5	1.08	0.08	0.39	0.004	1.58	0.44	5.01	0.99	0.19	18.20
D138549		339	34.9	8.70	11.20	14.70	7.53	0.90	5.83	0.036	1.80	0.34	1.38	0.57	0.63	7.66
D138550		137	41.9	11.05	24.4	6.06	2.07	1.83	4.18	0.006	0.87	0.32	0.17	0.01	0.92	6.32
D138551		207	45.8	11.85	6.89	13.90	2.81	1.03	7.60	0.010	0.44	0.26	0.86	0.48	1.04	5.98
D138552		294	41.4	10.70	6.78	15.70	3.90	1.01	6.89	0.017	0.57	0.30	0.87	0.56	0.88	8.47
D138553		177	38.8	10.40	7.76	18.25	5.09	1.09	5.64	0.016	1.09	0.32	1.28	0.68	0.62	8.97
D138554		167	48.7	12.20	6.66	13.10	2.76	1.36	7.63	0.016	0.53	0.23	0.70	0.44	1.01	4.90
D138555		210	43.8	10.85	8.09	12.20	7.45	1.12	7.02	0.047	1.53	0.25	0.65	0.45	0.54	5.31
D138556		141	49.3	12.35	6.71	11.65	2.88	1.46	7.85	0.022	0.51	0.25	0.38	0.44	0.97	4.96
D138557		177	49.3	12.35	6.25	9.54	2.73	1.25	8.31	0.012	0.57	0.22	0.36	0.34	0.94	3.86
D138558		297	33.8	8.96	9.98	17.35	8.06	0.81	5.69	0.029	1.51	0.34	1.67	0.58	0.40	8.91
D138559		109	12.85	3.19	6.00	35.9	2.64	0.29	1.96	0.008	1.44	0.48	1.67	1.10	0.56	24.8
D138560		3	11.60	0.11	0.12	29.0	21.4	0.06	0.07	0.002	0.02	0.06	0.02	0.02	0.04	37.5
D138561		55	38.0	10.90	6.98	15.45	2.63	0.98	7.21	0.009	0.77	0.32	0.20	0.29	0.57	11.30
D138562		223	34.5	11.00	9.64	18.70	5.47	0.83	5.19	0.015	2.01	0.32	1.46	0.55	0.55	8.97
D138563		210	32.6	8.55	10.55	15.80	11.25	0.89	4.66	0.054	1.95	0.21	1.11	0.42	0.39	8.85
D138564		179	34.0	10.75	11.15	16.45	8.11	1.36	4.50	0.035	2.08	0.25	1.19	0.45	0.36	8.18
D138565		91	21.2	5.31	4.04	33.3	3.06	0.42	3.84	0.009	0.32	0.26	1.58	1.07	0.48	23.3
D138566		155	38.2	10.80	8.04	13.45	3.87	1.15	6.37	0.017	0.54	0.31	0.41	0.27	0.71	13.90
D138567		205	24.7	7.96	10.80	19.50	8.48	0.83	4.33	0.034	2.29	0.37	1.34	0.33	0.31	16.30
D138568		234	28.8	7.73	11.80	14.55	13.80	0.38	5.39	0.064	2.33	0.22	1.10	0.25	0.27	11.55
D138569		167	23.1	5.63	10.35	18.55	12.05	0.16	3.47	0.051	1.63	0.37	0.81	0.18	0.27	21.0
D138570		606	28.2	11.15	50.0	1.85	1.83	0.24	0.16	0.086	3.08	0.13	1.12	0.09	0.12	1.20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D138531		98.78	<0.5	43	0.5	48	82	100	118	214	43	21	<10	172	0.005
D138532		96.05	<0.5	60	<0.5	22	44	60	274	100	57	11	<10	144	<0.005
D138533		94.69	<0.5	79	0.5	30	37	60	177	127	52	15	<10	189	<0.005
D138534		87.27	<0.5	36	1.0	84	225	20	199	81	65	14	<10	286	0.006
D138535		93.72	<0.5	22	2.6	19	48	20	127	36	153	9	<10	764	0.006
D138536		98.33	<0.5	25	0.8	42	78	110	126	160	47	22	<10	245	<0.005
D138537		98.03	<0.5	39	0.8	46	75	20	6	281	63	19	<10	293	<0.005
D138538		99.00	<0.5	42	1.0	43	56	40	6	273	61	17	<10	343	<0.005
D138539		98.04	<0.5	26	0.7	12	33	10	6	50	43	8	<10	163	<0.005
D138540		101.79	<0.5	<5	<0.5	1	1	30	<1	<1	9	<1	<10	24	0.013
D138541		100.08	<0.5	16	0.5	52	88	40	13	269	13	25	<10	81	<0.005
D138542		96.95	<0.5	41	0.5	40	50	30	45	194	31	19	<10	160	0.005
D138543		99.51	<0.5	32	0.8	16	11	20	19	62	54	14	<10	204	<0.005
D138544		97.23	<0.5	25	1.0	16	20	10	2	22	86	12	<10	316	0.021
D138545		94.55	<0.5	20	0.9	25	36	10	5	22	73	9	<10	263	0.014
D138546		93.85	<0.5	17	0.9	22	30	20	6	15	65	8	<10	327	0.005
D138547		94.79	<0.5	17	1.0	33	46	10	4	30	38	9	<10	384	0.010
D138548		85.50	<0.5	21	1.0	37	51	10	2	26	59	9	<10	237	0.006
D138549		96.18	<0.5	20	0.8	30	26	110	27	109	25	18	<10	455	<0.005
D138550		100.11	<0.5	153	<0.5	200	3000	20	60	78	5	16	<10	24	0.194
D138551		98.95	<0.5	9	<0.5	7	13	50	33	16	32	14	<10	148	0.072
D138552		98.05	<0.5	9	1.0	17	24	60	34	53	61	11	<10	283	0.008
D138553		100.01	<0.5	14	<0.5	22	23	80	19	64	31	15	<10	180	<0.005
D138554		100.24	<0.5	9	0.7	19	36	40	65	43	52	15	<10	154	0.033
D138555		99.31	<0.5	10	0.5	28	44	90	38	140	44	16	<10	180	0.017
D138556		99.73	<0.5	7	<0.5	10	20	30	64	33	23	17	<10	108	0.006
D138557		96.03	<0.5	5	<0.5	10	27	30	65	22	28	23	<10	94	0.005
D138558		98.09	<0.5	14	1.2	33	57	100	28	113	69	20	<10	298	0.029
D138559		92.89	<0.5	10	0.6	22	21	20	21	36	64	16	<10	148	<0.005
D138560		100.02	<0.5	<5	<0.5	1	1	20	<1	1	6	<1	<10	14	<0.005
D138561		95.61	<0.5	<5	0.7	18	18	30	74	27	51	10	<10	188	<0.005
D138562		99.21	<0.5	16	0.7	29	50	130	25	54	17	13	<10	200	0.005
D138563		97.28	<0.5	21	0.5	46	84	50	196	234	17	22	<10	110	0.011
D138564		98.87	<0.5	20	0.5	41	66	110	40	129	14	19	<10	172	0.005
D138565		98.19	<0.5	12	2.6	10	30	30	30	38	72	12	<10	723	0.007
D138566		98.04	<0.5	8	1.7	22	67	40	120	49	45	12	<10	338	0.005
D138567		97.57	<0.5	24	1.0	42	92	60	78	164	21	17	<10	431	<0.005
D138568		98.23	<0.5	22	0.7	56	90	20	138	270	15	21	<10	115	0.012
D138569		97.62	<0.5	15	<0.5	43	62	20	45	203	15	17	<10	83	0.011
D138570		99.26	<0.5	32	<0.5	16	61	10	49	152	127	47	<10	255	NSS



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D138571		2.00	2530	194.0	310	2.90	6.22	2.99	3.79	14.0	9.60	5.0	1.11	99.1	0.38	109.0
D138572		2.32	4470	234	560	4.63	5.72	2.42	3.90	13.1	9.93	4.1	0.99	134.5	0.25	130.0
D138573		2.33	2070	181.5	500	5.04	5.55	2.30	3.66	13.0	9.25	4.7	0.94	90.5	0.22	114.5
D138574		2.86	3450	237	330	4.27	7.26	2.90	4.51	14.4	11.75	4.8	1.23	153.0	0.29	175.0
D138575		<0.02	3440	233	340	4.32	7.45	2.98	4.48	14.6	12.15	5.0	1.19	152.0	0.29	174.0
D138576		1.97	9490	450	90	1.21	7.57	3.39	4.57	17.4	11.25	3.2	1.35	370	0.44	925
D138577		2.28	7660	1075	70	0.99	34.9	11.20	22.2	24.5	59.3	1.9	4.96	709	1.14	387
D138578		2.20	6520	490	100	0.92	28.9	11.00	8.76	23.8	29.0	1.9	4.68	371	0.98	311
D138579		2.34	6120	467	140	1.96	19.00	7.56	7.71	18.9	21.9	3.0	3.17	320	0.69	335
D138580		0.55	88.2	3.2	<10	0.49	0.14	0.08	0.02	0.3	0.18	<0.1	0.03	2.5	0.01	1.5
D138581		3.52	5770	501	80	0.92	16.45	7.20	7.74	16.5	21.5	2.7	2.80	353	0.78	373
D138582		2.60	5210	348	310	2.18	8.66	3.47	5.26	17.5	13.50	4.3	1.41	232	0.38	219
D138583		2.37	8170	220	120	1.31	7.92	3.92	3.98	18.1	10.20	3.5	1.39	145.5	0.46	217
D138584		3.31	6980	440	150	1.98	17.20	7.68	7.65	19.9	21.2	3.8	3.05	301	0.84	337
D138585		1.82	7760	288	70	1.57	5.57	2.85	3.08	17.0	8.08	3.1	1.03	225	0.35	166.0
D138586		2.44	4520	380	90	4.25	11.30	5.03	6.04	17.6	15.90	5.7	1.93	221	0.51	261
D138587		2.38	3330	400	70	5.24	9.56	4.29	5.35	18.7	13.70	5.8	1.70	247	0.52	203
D138588		2.50	5110	632	60	2.79	30.9	14.30	12.30	15.3	36.3	5.1	5.35	374	1.73	387
D138589		2.12	4980	1025	130	4.74	17.70	8.63	11.75	19.1	28.6	5.5	3.12	645	1.08	438
D138590		0.06	8680	86.3	50	0.76	3.96	2.59	1.30	20.2	3.95	3.8	0.80	90.7	0.35	7.4
D138591		2.29	6360	549	80	3.83	12.15	6.02	6.69	18.3	17.75	4.2	2.24	369	0.67	345
D138592		2.15	9710	947	100	2.63	40.5	13.35	19.50	15.7	63.7	4.1	5.93	624	1.67	358
D138593		2.38	3070	332	750	2.68	8.16	3.54	5.35	16.1	14.70	6.4	1.23	177.5	0.31	226
D138594		2.38	3110	305	450	3.62	13.45	5.39	6.07	20.3	17.80	6.0	2.25	172.0	0.58	308
D138595		2.30	4660	719	90	5.73	18.40	8.13	9.63	19.8	27.6	5.2	3.20	434	0.82	270
D138596		2.47	2960	397	170	4.32	24.3	10.55	8.23	18.8	27.2	6.1	4.24	210	0.85	293
D138597		2.47	4420	922	270	1.49	34.4	12.15	18.65	15.1	54.7	3.8	5.48	478	1.18	401
D138598		2.33	6190	323	240	2.73	11.00	4.11	6.21	18.6	18.15	5.9	1.77	202	0.45	230
D138599		3.34	5850	466	140	1.67	21.9	8.32	9.84	18.1	32.2	4.3	3.50	278	0.80	496
D138600		0.59	417	3.1	<10	0.18	0.18	0.08	0.04	0.3	0.16	<0.1	0.01	2.0	0.01	1.7
D138601		1.18	4760	539	60	1.97	16.20	5.95	8.77	19.2	24.7	3.3	2.50	349	0.60	402
D138602		2.25	4710	678	90	1.53	38.0	15.65	13.05	13.7	43.0	2.6	6.63	413	1.58	443
D138603		1.55	2050	516	40	2.28	20.0	8.15	8.29	21.4	25.4	4.9	3.41	338	0.75	300
D138604		2.76	6710	588	30	0.96	43.2	18.20	10.25	17.8	36.9	3.0	7.56	393	1.64	186.0
D138605		3.77	4600	895	20	0.36	70.0	27.7	16.30	6.5	62.3	0.7	11.45	549	3.00	144.5



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D138571		87.8	23.0	92.1	13.70	1	1970	5.1	1.27	9.24	0.41	2.38	212	8	31.7	2.49
D138572		98.8	26.7	134.0	15.50	1	3380	5.4	1.24	14.25	0.29	2.97	263	16	25.2	1.65
D138573		86.2	22.1	125.5	13.55	1	2010	5.2	1.19	11.10	0.28	2.63	225	21	23.8	1.65
D138574		96.4	25.7	138.5	16.60	1	2680	5.7	1.57	19.60	0.36	2.92	299	8	31.4	2.01
D138575		96.9	25.6	142.5	16.90	1	2710	5.6	1.59	19.60	0.38	2.92	301	9	31.9	2.05
D138576		103.0	35.3	140.5	16.60	2	1975	3.6	1.55	76.2	0.46	136.5	520	8	39.5	2.77
D138577		345	102.0	133.5	73.1	1	3160	2.1	8.19	326	1.38	6.09	441	4	132.5	7.55
D138578		124.0	41.3	162.0	23.7	1	2650	1.6	5.38	171.0	1.38	7.28	440	7	131.0	7.11
D138579		143.0	43.0	153.0	25.6	1	3100	4.0	3.73	96.5	0.94	9.73	511	6	89.7	5.05
D138580		1.0	0.31	1.4	0.22	<1	133.0	<0.1	0.02	0.61	0.01	0.52	6	<1	0.9	0.06
D138581		134.5	43.2	153.5	26.1	1	5170	2.6	3.34	97.0	0.92	19.60	515	5	80.8	5.44
D138582		105.5	31.6	185.5	18.15	2	3000	4.4	1.79	42.2	0.46	5.45	422	5	41.2	2.62
D138583		72.6	21.6	168.0	13.25	1	2670	2.5	1.54	32.8	0.51	5.64	519	7	41.3	3.19
D138584		144.0	42.5	182.0	24.9	2	3830	4.3	3.38	74.7	1.03	7.09	471	6	87.7	5.86
D138585		79.0	25.2	139.0	11.25	1	4050	2.8	1.18	25.0	0.41	4.59	262	7	30.5	2.34
D138586		140.0	39.5	156.5	22.2	2	3220	7.0	2.25	34.2	0.65	3.72	337	7	53.6	3.86
D138587		133.5	39.3	128.0	19.45	2	3220	6.7	1.94	26.1	0.60	3.05	295	33	49.3	3.43
D138588		219	63.8	89.6	38.1	1	4060	5.6	5.84	179.0	2.02	7.20	330	13	151.0	11.90
D138589		329	100.5	120.0	43.9	2	3530	6.5	3.69	74.4	1.12	6.81	488	30	86.8	7.14
D138590		23.9	7.23	112.0	4.41	5	109.5	0.6	0.68	10.40	0.36	18.10	292	44	23.0	2.33
D138591		170.5	52.0	137.5	24.6	1	3060	5.6	2.40	45.6	0.77	5.06	341	28	64.1	4.62
D138592		282	84.2	85.5	52.6	2	4300	5.0	8.77	320	1.86	4.91	290	33	155.0	12.70
D138593		142.0	37.1	117.0	20.2	2	2820	8.6	1.63	22.0	0.45	5.14	358	20	36.8	2.36
D138594		127.5	32.8	123.5	20.9	3	2700	8.7	2.39	33.8	0.70	3.00	384	25	64.4	4.32
D138595		244	68.7	116.0	36.5	2	4350	5.3	3.58	129.0	1.08	3.09	321	18	90.7	6.58
D138596		156.5	41.1	104.0	27.8	2	3450	8.2	4.25	57.8	1.33	5.47	321	26	121.5	7.07
D138597		382	97.1	72.2	67.0	2	7120	9.9	7.02	150.0	1.52	7.30	332	12	145.5	9.20
D138598		126.5	33.9	103.5	21.7	2	4300	5.7	2.19	35.7	0.54	2.78	326	26	49.6	3.25
D138599		167.5	45.1	102.5	29.8	2	5840	5.9	4.25	90.1	1.00	2.91	411	9	92.1	6.36
D138600		1.1	0.32	1.1	0.19	<1	131.5	0.1	<0.01	0.36	0.01	0.33	7	1	0.9	0.07
D138601		165.5	48.6	102.0	27.6	2	3600	6.4	3.29	80.2	0.71	7.46	320	13	71.6	4.55
D138602		223	63.4	76.7	37.2	1	9010	6.3	6.94	183.5	2.03	13.05	270	6	183.5	11.95
D138603		166.5	46.6	92.1	27.6	2	3930	4.3	3.58	46.7	1.05	4.30	426	8	98.1	6.24
D138604		171.5	51.4	117.5	27.5	1	7260	0.6	7.09	161.0	2.27	5.43	303	9	219	13.45
D138605		275	80.7	22.8	45.1	1	>10000	0.6	11.80	351	3.68	4.42	106	2	332	23.0



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D138571		226	31.2	10.05	9.81	16.05	6.62	0.64	3.52	0.045	2.01	0.24	1.32	0.23	0.27	15.70
D138572		199	26.1	8.49	10.90	17.95	9.83	0.37	4.76	0.074	1.76	0.22	1.37	0.39	0.48	15.40
D138573		203	28.6	7.75	11.05	14.50	14.55	0.40	5.35	0.070	1.97	0.19	1.15	0.23	0.23	12.55
D138574		224	31.6	8.73	11.50	14.85	12.15	0.61	5.58	0.048	2.41	0.22	1.17	0.32	0.38	9.08
D138575		227	31.6	8.71	11.50	14.65	12.25	0.60	5.62	0.048	2.39	0.22	1.16	0.32	0.37	9.07
D138576		140	49.5	13.00	7.82	10.65	2.34	1.26	8.67	0.015	0.61	0.29	0.64	0.24	1.11	4.07
D138577		99	40.8	10.90	7.45	16.40	2.99	0.76	7.59	0.011	0.64	0.47	0.53	0.36	0.83	8.87
D138578		114	46.2	12.95	7.02	11.45	2.66	0.69	9.41	0.016	0.48	0.32	0.58	0.30	0.71	6.02
D138579		157	40.6	11.65	9.21	13.20	4.62	0.97	7.47	0.021	0.89	0.32	1.04	0.35	0.65	6.68
D138580		2	7.71	0.08	0.08	30.0	21.3	0.03	0.04	0.002	0.01	0.06	0.03	0.01	0.01	40.3
D138581		113	37.8	10.35	7.22	19.05	3.09	0.66	7.00	0.012	0.46	0.29	1.02	0.60	0.63	10.15
D138582		199	40.0	10.20	8.20	13.85	7.15	0.60	7.71	0.045	1.34	0.23	0.85	0.35	0.56	7.87
D138583		173	47.1	12.70	7.17	11.75	3.32	1.20	7.97	0.018	0.78	0.23	0.50	0.30	0.88	4.72
D138584		224	41.1	11.40	8.16	13.60	5.29	0.65	7.88	0.022	0.93	0.31	0.96	0.44	0.76	6.37
D138585		142	45.3	13.05	6.63	12.70	3.48	1.14	7.95	0.012	0.73	0.23	0.60	0.47	0.85	5.90
D138586		297	32.2	11.50	11.75	14.20	6.60	0.53	6.44	0.014	2.62	0.31	1.53	0.37	0.48	8.55
D138587		296	33.7	12.80	11.50	13.00	5.56	1.57	5.25	0.011	2.41	0.30	1.18	0.36	0.35	9.83
D138588		341	23.9	8.52	12.25	21.3	5.68	0.55	3.68	0.010	1.94	0.40	1.50	0.46	0.55	16.10
D138589		355	29.1	10.85	10.70	16.40	7.06	1.13	4.80	0.019	2.23	0.47	1.54	0.39	0.52	11.85
D138590		135	41.1	10.85	24.5	5.91	2.11	1.83	4.21	0.007	0.88	0.32	0.17	0.01	0.93	6.31
D138591		228	33.6	12.10	10.85	13.35	6.44	0.74	6.41	0.012	2.13	0.38	1.42	0.35	0.68	8.98
D138592		187	24.8	8.63	9.01	24.4	4.48	0.67	4.15	0.016	2.11	0.34	0.83	0.48	1.01	16.20
D138593		280	25.3	6.81	11.20	19.50	11.20	0.23	4.95	0.102	3.00	0.25	1.39	0.33	0.34	13.65
D138594		243	27.7	8.70	11.65	17.30	9.87	0.73	5.30	0.065	3.14	0.26	1.27	0.31	0.34	11.50
D138595		260	33.4	12.05	12.35	16.00	6.45	1.84	4.64	0.014	2.57	0.44	1.52	0.49	0.48	8.84
D138596		314	33.5	11.30	12.20	14.60	7.94	1.60	4.01	0.024	2.64	0.27	2.01	0.39	0.31	7.32
D138597		209	22.3	6.19	11.45	26.0	7.99	0.37	3.32	0.041	2.17	0.41	2.33	0.82	0.47	14.45
D138598		252	33.9	10.50	12.05	15.00	9.04	1.11	4.63	0.036	2.71	0.30	1.20	0.50	0.68	6.22
D138599		212	33.2	11.00	12.40	15.60	6.92	0.50	5.55	0.021	2.56	0.39	1.24	0.66	0.62	6.34
D138600		2	18.60	0.11	0.20	26.7	20.5	0.07	0.05	<0.002	0.01	0.05	<0.01	0.01	0.05	33.6
D138601		194	41.6	13.90	9.50	12.50	4.29	2.01	5.29	0.008	1.40	0.28	0.89	0.40	0.50	6.21
D138602		162	22.5	7.34	7.35	28.3	4.17	0.85	3.43	0.013	1.20	0.35	1.58	1.00	0.50	18.20
D138603		214	36.5	11.55	12.75	16.45	5.05	1.47	4.16	0.005	2.41	0.35	1.50	0.43	0.22	5.56
D138604		160	36.6	9.87	5.76	21.6	1.94	0.71	6.55	0.004	0.36	0.32	1.68	0.80	0.71	11.55
D138605		37	6.75	1.78	2.78	45.9	1.23	0.17	1.07	0.003	0.25	0.46	1.40	2.60	0.48	34.4



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005
D138571		97.71	<0.5	10	<0.5	52	54	30	110	194	16	20	<10	65	0.039
D138572		98.09	<0.5	32	<0.5	46	63	50	143	268	18	24	<10	167	<0.005
D138573		98.59	<0.5	29	<0.5	55	87	10	479	303	17	24	<10	65	<0.005
D138574		98.65	<0.5	26	<0.5	52	101	50	212	216	13	20	<10	118	<0.005
D138575		98.51	<0.5	26	<0.5	54	101	60	211	225	18	21	<10	117	0.011
D138576		100.22	<0.5	16	<0.5	14	46	30	77	43	38	13	<10	126	<0.005
D138577		98.60	<0.5	13	0.9	11	37	40	60	34	131	17	<10	223	0.051
D138578		98.81	<0.5	12	0.6	11	44	40	65	29	80	18	<10	211	0.029
D138579		97.67	<0.5	21	<0.5	24	41	70	33	90	52	19	<10	172	0.005
D138580		99.66	<0.5	<5	<0.5	1	<1	10	<1	<1	7	<1	<10	26	<0.005
D138581		98.33	<0.5	11	0.5	15	29	40	23	34	36	14	<10	211	0.010
D138582		98.96	<0.5	16	<0.5	29	43	60	30	166	18	16	<10	132	0.008
D138583		98.64	<0.5	9	<0.5	16	32	50	47	50	13	11	<10	116	0.519
D138584		97.87	<0.5	15	<0.5	22	24	90	37	90	27	13	<10	202	0.005
D138585		99.04	<0.5	10	<0.5	16	52	60	46	35	28	10	<10	145	0.012
D138586		97.09	<0.5	27	<0.5	39	59	110	29	62	10	16	<10	179	0.012
D138587		97.82	<0.5	15	<0.5	31	39	90	184	45	12	11	<10	153	0.028
D138588		96.84	<0.5	23	<0.5	28	43	90	98	50	62	12	<10	162	0.025
D138589		97.06	<0.5	32	<0.5	39	45	80	287	91	29	15	<10	191	0.008
D138590		99.14	<0.5	163	<0.5	212	3170	20	62	83	6	17	<10	25	0.178
D138591		97.44	<0.5	30	<0.5	37	41	110	212	63	18	14	<10	198	0.012
D138592		97.13	<0.5	26	0.6	29	44	80	173	60	52	15	<10	234	0.013
D138593		98.25	<0.5	37	0.5	51	99	20	23	274	17	23	<10	125	0.005
D138594		98.14	<0.5	31	0.7	48	88	60	79	172	27	23	<10	181	0.050
D138595		101.08	<0.5	18	0.5	36	46	90	79	70	57	14	<10	214	0.019
D138596		98.11	<0.5	18	0.5	40	51	60	39	86	22	16	<10	166	0.017
D138597		98.31	<0.5	27	1.8	36	45	50	61	115	67	14	<10	491	0.005
D138598		97.88	<0.5	27	<0.5	45	58	100	134	146	23	19	<10	158	0.015
D138599		97.00	<0.5	34	0.6	35	42	150	49	72	49	16	<10	240	0.011
D138600		99.95	<0.5	<5	<0.5	1	<1	30	<1	<1	5	<1	<10	19	<0.005
D138601		98.78	<0.5	23	<0.5	23	33	130	67	37	26	12	<10	158	0.009
D138602		96.78	<0.5	19	1.4	23	37	80	15	52	43	12	<10	236	<0.005
D138603		98.41	<0.5	32	0.6	32	64	150	31	50	53	14	<10	204	0.014
D138604		98.45	<0.5	18	0.5	14	22	40	71	17	51	14	<10	117	0.007
D138605		99.27	<0.5	5	1.0	6	11	20	7	20	50	14	<10	120	0.006



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 2-NOV-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21261893
--

	CERTIFICATE COMMENTS															
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>NSS is non-sufficient sample. ALL METHODS</p>															
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Au-AA23</td> <td style="width: 33%;">ME-4ACD81</td> <td style="width: 33%;">ME-ICP06</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">ME-MS81</td> </tr> <tr> <td>OA-GRA05</td> <td>TOT-ICP06</td> <td></td> <td></td> <td></td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06		ME-MS81	OA-GRA05	TOT-ICP06								
Au-AA23	ME-4ACD81	ME-ICP06		ME-MS81												
OA-GRA05	TOT-ICP06															
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">FND-02</td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">FND-03</td> </tr> <tr> <td>LOG-21</td> <td>LOG-23</td> <td>PUL-31</td> <td></td> <td style="text-align: right;">PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>WEI-21</td> <td></td> <td></td> <td></td> </tr> </table>	CRU-31	CRU-QC	FND-02		FND-03	LOG-21	LOG-23	PUL-31		PUL-QC	SPL-21	WEI-21			
CRU-31	CRU-QC	FND-02		FND-03												
LOG-21	LOG-23	PUL-31		PUL-QC												
SPL-21	WEI-21															



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 – 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 8 (A – D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

CERTIFICATE TM21283768

Project: HK

This report is for 249 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 20-OCT-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY

MICHAEL GUNNING

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package – ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Nb-XRF10	Fusion XRF – Nb Ore Grade	
ME-XRF10	Fusion XRF – Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D140405		2.72	3900	647	370	3.17	15.65	6.76	8.85	15.8	24.8	6.6	2.77	364	0.67	221
D140406		2.59	3600	361	360	2.95	10.65	4.48	6.83	14.7	18.80	6.8	1.85	195.5	0.42	182.0
D140407		2.43	6350	783	320	4.11	22.7	9.69	14.00	15.2	37.2	6.2	3.54	482	1.00	483
D140408		2.23	5410	664	290	3.68	23.9	11.40	10.55	14.6	30.2	7.1	4.18	366	1.07	326
D140409		2.35	5850	1265	380	2.53	20.3	8.54	12.35	17.8	32.1	5.9	3.35	828	0.75	262
D140410		0.10	9130	85.5	40	0.74	3.83	2.36	1.16	18.7	4.34	3.8	0.80	88.6	0.36	7.2
D140411		2.60	5660	571	400	3.48	18.40	8.42	9.08	15.8	25.3	5.7	3.20	321	0.88	284
D140412		2.59	9050	738	360	3.72	31.4	14.10	13.60	16.6	40.1	5.2	5.43	408	1.38	450
D140413		2.39	5270	458	410	2.58	15.00	6.38	7.82	16.2	22.0	4.7	2.53	266	0.64	282
D140414		2.57	4480	429	460	2.57	14.55	6.52	7.27	16.1	22.8	4.9	2.50	247	0.63	229
D140415		2.34	4010	627	440	2.59	18.40	7.21	9.94	16.7	27.4	5.0	2.92	368	0.69	269
D140416		3.04	5770	682	340	2.98	15.95	6.52	9.21	15.1	24.7	4.4	2.69	374	0.65	346
D140417		2.76	2230	582	60	3.66	12.95	7.53	5.06	27.7	15.35	16.0	2.56	342	1.04	936
D140418		3.59	5370	682	300	4.16	13.75	6.16	7.47	19.5	19.40	5.2	2.29	394	0.57	335
D140419		2.36	9240	1185	470	3.47	23.5	10.20	14.65	18.2	35.5	4.1	3.83	747	0.93	316
D140420		0.48	209	12.2	10	0.85	0.32	0.15	0.14	0.3	0.51	<0.1	0.03	7.5	<0.01	4.3
D140421		2.35	6820	717	410	2.52	18.10	7.30	10.45	15.1	28.3	5.1	2.78	420	0.69	250
D140422		2.43	6040	1150	170	3.33	26.3	11.45	15.50	18.2	40.8	4.5	4.05	672	1.08	560
D140423		2.24	3700	1305	120	1.59	33.6	14.00	16.15	20.0	43.8	3.6	5.59	761	1.39	539
D140424		2.45	7830	1225	220	1.61	36.2	13.40	23.1	23.2	60.6	2.8	5.52	695	1.26	1670
D140425		<0.02	7550	1230	210	1.59	35.1	12.65	21.5	21.9	58.4	3.2	5.26	698	1.22	1555
D140426		2.24	4510	1660	80	1.54	44.2	18.65	23.4	21.5	63.4	1.8	7.26	989	1.87	466
D140427		2.30	4710	2060	160	2.94	39.9	15.35	28.0	25.2	70.8	2.3	6.40	1235	1.53	961
D140428		2.47	6540	749	110	1.06	55.6	20.6	22.5	21.9	67.5	1.5	8.76	433	1.85	594
D140429		2.38	6430	832	70	0.59	160.0	64.5	39.7	17.1	143.0	1.0	26.4	435	4.52	1015
D140430		0.05	1115	5390	610	0.46	51.6	11.85	78.3	61.5	153.0	14.8	6.55	3870	0.59	1525
D140431		2.29	8460	1360	120	2.08	29.8	12.80	13.25	18.4	37.2	2.3	5.11	905	1.44	504
D140432		2.28	5350	461	120	2.16	18.40	8.70	8.21	17.5	22.7	3.5	3.25	279	0.96	458
D140433		2.17	6640	1065	90	1.93	20.7	9.06	11.50	18.6	29.1	3.6	3.48	667	1.05	460
D140434		2.56	4800	2240	220	3.14	31.5	13.30	20.3	21.9	44.7	2.6	5.32	1360	1.27	418
D140435		2.04	4420	396	140	3.54	9.86	4.59	5.83	16.0	13.65	4.9	1.63	208	0.56	216
D140436		1.87	2060	187.5	210	0.91	6.87	3.33	3.07	17.2	9.13	3.3	1.24	91.7	0.31	106.5
D140437		1.94	1400	190.0	350	0.71	7.08	3.36	3.16	16.8	9.20	3.3	1.23	90.8	0.32	103.0
D140438		1.90	2220	1165	150	2.12	21.0	10.20	12.55	16.3	31.9	3.3	3.89	662	0.93	767
D140439		2.13	4250	1655	190	2.59	26.0	11.90	17.40	21.7	40.3	4.0	4.51	901	1.05	1735
D140440		0.64	343	66.0	10	0.37	1.43	0.52	0.71	1.6	1.78	0.3	0.26	36.8	0.06	74.3
D140441		1.89	5180	2340	170	1.85	30.3	13.15	21.1	20.0	48.6	2.1	5.00	1385	0.92	1400
D140442		2.57	3010	259	10	2.15	6.75	4.22	3.23	14.8	7.83	4.1	1.20	138.5	0.54	260
D140443		1.00	4740	350	10	1.31	8.83	5.09	4.29	12.0	10.55	2.9	1.70	188.0	0.54	264
D140444		0.98	7240	1720	270	2.75	27.8	11.65	17.60	21.2	39.1	2.4	4.44	952	0.99	1575



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140405		223	63.9	94.7	36.0	2	3710	8.0	3.04	34.6	0.86	4.63	283	12	73.5	5.41
D140406		157.0	41.4	90.1	26.1	2	3130	8.3	2.32	23.0	0.49	5.02	271	16	46.4	2.81
D140407		278	76.0	102.5	53.6	2	2960	7.2	4.49	113.0	1.13	5.72	477	26	95.9	6.80
D140408		246	68.1	106.0	40.0	2	2950	6.1	4.30	77.2	1.33	5.59	335	32	112.5	8.48
D140409		365	114.5	81.7	49.7	2	2250	6.6	3.98	88.2	1.06	5.84	303	13	93.7	6.39
D140410		22.9	6.88	110.0	4.25	6	105.5	0.4	0.63	9.79	0.31	16.90	284	47	21.7	2.36
D140411		215	60.2	90.7	34.8	2	1845	6.4	3.25	50.8	1.04	8.70	369	19	88.5	6.76
D140412		298	79.0	116.0	53.4	2	3270	7.9	5.49	110.0	1.78	8.39	356	20	146.0	10.30
D140413		173.0	48.2	99.4	29.7	2	2160	6.8	2.92	47.5	0.83	5.79	325	21	68.3	4.69
D140414		163.0	45.7	90.2	28.4	2	2490	5.8	2.88	38.9	0.78	5.74	298	22	67.9	4.78
D140415		216	60.5	79.7	37.3	2	2760	6.1	3.53	65.8	0.93	6.08	262	18	81.6	5.76
D140416		241	68.5	92.3	37.6	2	3590	6.6	3.10	40.6	0.76	7.51	261	18	72.0	4.93
D140417		155.5	51.2	235	23.2	5	1390	44.9	2.30	99.8	1.10	36.0	130	13	73.8	8.14
D140418		210	62.6	140.0	28.2	2	2030	7.7	2.64	45.6	0.68	14.35	354	20	63.3	4.93
D140419		379	110.0	108.0	52.4	2	5380	5.5	4.71	93.0	1.32	6.51	267	11	112.5	7.76
D140420		4.2	1.29	3.4	0.75	<1	131.0	<0.1	0.04	1.34	0.02	0.70	7	1	1.6	0.19
D140421		236	68.1	90.3	36.3	2	3240	5.6	3.69	50.0	0.92	5.37	295	22	79.6	5.36
D140422		355	106.5	106.5	53.0	2	3290	7.3	5.24	108.5	1.32	4.69	305	8	114.5	8.51
D140423		417	123.5	101.5	60.5	2	3430	7.7	6.33	140.0	1.78	7.96	311	11	148.0	10.80
D140424		424	119.5	83.2	77.4	4	3030	11.1	7.91	273	1.54	5.81	630	16	141.5	9.61
D140425		416	117.5	85.8	71.6	4	3210	11.1	7.46	259	1.61	5.81	598	15	141.5	9.26
D140426		531	158.0	61.0	83.3	3	4220	1.3	8.61	266	2.39	5.29	430	5	191.5	13.85
D140427		643	192.5	90.6	102.0	4	2680	2.9	8.71	302	1.88	3.23	663	11	171.5	11.20
D140428		255	71.2	62.9	61.0	3	2480	1.7	10.35	227	2.47	2.63	473	9	249	13.90
D140429		325	84.7	41.9	91.6	3	3830	3.0	27.5	319	7.29	6.11	525	14	737	39.0
D140430		2830	795	6.2	377	32	778	24.6	13.70	239	1.16	5.77	401	4	136.5	5.04
D140431		352	115.5	82.3	47.0	2	3050	6.5	5.61	151.0	1.71	5.11	333	19	146.0	10.75
D140432		160.0	45.9	68.7	28.2	3	2250	5.5	3.43	72.8	1.13	6.39	391	14	82.0	6.36
D140433		307	95.0	122.0	42.0	2	3330	6.7	3.82	84.7	1.07	5.19	286	13	95.0	6.94
D140434		656	205	76.5	77.8	3	4340	6.2	6.00	236	1.78	5.70	208	8	145.5	10.20
D140435		150.5	42.4	75.0	20.2	1	2040	6.8	1.95	23.3	0.57	6.62	185	7	48.0	3.95
D140436		75.9	20.6	46.0	11.70	1	1145	4.9	1.21	7.37	0.43	2.07	203	2	36.4	2.49
D140437		73.1	20.3	40.0	11.45	1	1170	4.8	1.38	6.04	0.48	2.37	201	2	43.2	3.05
D140438		365	110.0	77.4	48.4	1	1990	7.7	4.13	72.4	1.27	26.9	172	7	105.0	7.24
D140439		516	157.5	126.5	66.1	2	2110	17.8	5.22	150.0	1.50	67.5	197	3	117.5	8.24
D140440		21.5	6.59	6.9	2.76	1	227	0.8	0.22	7.10	0.08	3.48	30	1	6.3	0.38
D140441		684	213	95.8	81.1	1	2460	11.1	6.27	87.6	1.57	25.0	127	5	126.0	8.27
D140442		84.0	25.6	111.0	10.85	1	1035	12.9	1.14	20.6	0.54	6.88	52	7	38.9	3.90
D140443		115.5	34.5	112.5	15.10	1	1490	8.4	1.55	24.1	0.60	7.30	55	8	50.2	4.08
D140444		526	162.0	132.5	67.8	1	2060	10.4	5.17	118.0	1.44	13.95	239	11	114.5	8.53



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140405		346	29.4	7.21	11.95	18.70	12.35	0.35	3.94	0.051	2.39	0.31	2.06	0.43	0.41	9.12
D140406		381	30.1	7.56	12.30	18.40	12.30	0.33	4.09	0.050	2.41	0.24	2.13	0.37	0.38	7.79
D140407		319	28.4	7.67	13.70	17.25	11.45	0.39	4.31	0.048	2.94	0.51	1.18	0.35	0.65	8.50
D140408		406	27.2	7.02	12.35	19.50	11.50	0.27	4.47	0.043	2.64	0.38	1.78	0.35	0.55	10.95
D140409		290	30.5	8.24	12.85	13.60	14.65	0.34	3.28	0.056	2.27	0.43	1.60	0.28	0.61	10.25
D140410		142	42.8	10.95	23.9	5.85	2.13	1.84	4.24	0.006	0.91	0.32	0.18	0.01	0.94	5.32
D140411		320	32.3	8.74	12.90	15.70	14.05	0.25	3.61	0.062	2.15	0.41	2.07	0.23	0.59	6.16
D140412		322	31.1	8.61	13.25	17.10	12.35	0.23	4.03	0.054	1.97	0.48	2.08	0.39	0.94	4.61
D140413		252	34.1	9.53	11.60	16.95	13.30	0.19	3.85	0.058	2.05	0.29	1.54	0.25	0.53	4.68
D140414		256	34.0	8.95	11.50	17.35	14.15	0.16	3.60	0.066	2.01	0.26	1.55	0.30	0.46	5.39
D140415		235	32.4	8.73	11.10	18.50	12.75	0.33	3.53	0.063	1.98	0.31	1.49	0.33	0.42	7.13
D140416		290	28.6	8.24	10.20	21.5	10.95	0.39	3.69	0.047	1.68	0.42	1.62	0.41	0.57	9.77
D140417		1270	47.3	15.60	9.66	7.29	4.07	2.26	6.01	0.009	1.12	0.23	0.54	0.16	0.23	7.02
D140418		285	30.7	11.55	8.10	13.75	8.11	0.17	4.93	0.044	1.99	0.37	1.47	0.24	0.58	13.60
D140419		198	23.3	6.37	10.50	20.8	11.05	0.12	3.62	0.067	1.84	0.48	1.64	0.64	0.99	13.65
D140420		4	21.0	0.17	0.17	27.6	20.4	0.03	0.12	0.002	0.02	0.06	0.04	0.02	0.02	29.5
D140421		232	26.9	6.94	10.35	20.6	11.90	0.08	3.51	0.059	2.01	0.37	1.57	0.38	0.73	12.25
D140422		241	32.3	11.15	10.50	14.80	8.15	0.75	4.55	0.025	1.71	0.44	0.94	0.38	0.64	8.91
D140423		225	30.3	11.40	8.96	15.90	6.58	0.31	5.04	0.018	1.58	0.41	2.09	0.40	0.40	11.50
D140424		162	27.3	8.41	13.30	16.60	7.75	0.26	4.48	0.033	2.70	0.57	1.46	0.36	0.85	8.45
D140425		176	27.2	8.32	13.20	17.35	7.63	0.25	4.55	0.033	2.57	0.56	1.53	0.38	0.82	8.77
D140426		85	30.3	8.67	12.35	19.35	5.95	0.57	4.01	0.013	0.92	0.79	1.51	0.50	0.48	8.40
D140427		105	33.2	9.41	16.50	13.95	7.07	0.45	4.23	0.024	1.96	0.91	2.05	0.30	0.48	5.64
D140428		60	29.2	8.56	14.95	16.60	7.04	0.13	4.21	0.017	1.23	0.75	1.10	0.29	0.67	6.41
D140429		85	18.20	5.45	9.65	27.7	5.64	0.10	3.16	0.011	1.55	0.52	4.66	0.44	0.65	13.00
D140430		639	28.1	10.95	48.1	1.75	1.77	0.22	0.17	0.082	2.94	0.12	1.08	0.09	0.12	1.28
D140431		154	34.1	11.35	9.89	15.95	6.85	0.94	4.66	0.018	1.05	0.66	1.15	0.37	0.88	7.25
D140432		194	36.2	12.30	12.10	11.25	7.42	1.20	4.18	0.018	1.58	0.37	1.16	0.27	0.55	8.54
D140433		225	33.5	12.05	9.86	15.70	6.63	0.85	5.06	0.014	1.26	0.51	1.38	0.39	0.67	8.11
D140434		152	30.2	9.95	13.00	17.95	6.49	1.17	3.17	0.032	1.08	0.64	1.35	0.52	0.50	9.86
D140435		300	35.9	11.80	10.05	12.80	5.98	1.67	3.54	0.020	1.49	0.25	1.71	0.24	0.45	11.45
D140436		169	35.3	13.65	9.66	12.40	4.44	1.20	2.23	0.031	1.40	0.23	0.98	0.14	0.22	14.85
D140437		173	34.8	13.35	11.25	12.25	5.53	1.30	1.96	0.049	1.37	0.24	0.92	0.14	0.15	14.00
D140438		215	27.3	8.39	8.18	20.0	5.11	0.66	3.06	0.023	0.68	0.54	2.42	0.24	0.24	18.90
D140439		258	30.8	10.65	7.17	17.40	5.99	1.20	4.65	0.029	0.83	0.53	2.53	0.25	0.45	14.75
D140440		15	27.5	0.61	0.57	25.6	17.95	0.13	0.34	0.003	0.05	0.07	0.13	0.03	0.04	26.8
D140441		133	23.1	6.95	5.57	24.1	6.02	0.92	3.49	0.025	0.63	0.87	2.37	0.29	0.54	22.4
D140442		301	47.3	17.70	5.04	6.78	2.33	2.48	5.36	0.002	0.70	0.20	0.57	0.12	0.32	9.41
D140443		211	32.2	11.70	5.99	15.20	4.11	0.49	5.59	0.003	0.53	0.85	0.63	0.17	0.48	17.10
D140444		194	28.5	8.93	10.30	14.05	7.14	0.40	4.92	0.040	1.56	0.76	2.64	0.24	0.74	15.35



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10	
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140405		98.67	<0.5	18	<0.5	47	103	40	201	222	95	22	10	189	0.006	
D140406		98.45	<0.5	18	<0.5	50	113	40	401	221	53	22	<10	129	0.005	
D140407		97.35	<0.5	28	<0.5	50	77	70	43	190	136	25	10	260	0.010	
D140408		99.00	<0.5	20	<0.5	46	62	60	32	174	52	23	<10	244	<0.005	
D140409		98.96	<0.5	22	<0.5	46	101	90	30	231	31	23	<10	159	0.036	
D140410		99.40	<0.5	164	<0.5	205	3120	20	60	82	7	17	<10	24	0.182	
D140411		99.22	<0.5	32	<0.5	47	123	70	68	254	28	25	<10	166	0.007	
D140412		97.19	<0.5	27	0.7	48	112	70	59	252	82	22	<10	309	0.009	
D140413		98.92	<0.5	24	<0.5	50	127	60	39	268	38	23	<10	172	0.006	
D140414		99.75	<0.5	24	<0.5	50	122	60	47	306	38	24	10	131	0.007	
D140415		99.06	<0.5	26	<0.5	50	115	50	59	308	51	23	<10	178	0.006	
D140416		98.09	<0.5	22	0.6	42	96	50	42	219	57	17	<10	275	<0.005	
D140417		101.50	<0.5	13	<0.5	35	44	120	28	50	10	7	<10	107	<0.005	
D140418		95.60	<0.5	32	<0.5	57	77	90	62	166	24	20	<10	76	<0.005	
D140419		95.07	<0.5	26	<0.5	45	100	50	25	262	34	23	<10	117	<0.005	
D140420		99.15	<0.5	<5	<0.5	<1	5	10	1	3	11	<1	<10	78	<0.005	
D140421		97.65	<0.5	22	<0.5	45	111	50	44	238	18	27	<10	115	<0.005	
D140422		95.25	<0.5	21	<0.5	35	75	100	79	119	20	21	10	203	<0.005	
D140423		94.89	<0.5	26	<0.5	31	56	140	53	85	26	16	<10	143	<0.005	
D140424		92.52	<0.5	24	<0.5	43	76	100	83	131	53	20	<10	212	<0.005	
D140425		93.16	<0.5	24	<0.5	41	75	100	110	132	58	20	10	219	<0.005	
D140426		93.81	<0.5	19	1.0	28	67	70	63	64	123	23	<10	322	<0.005	
D140427		96.17	<0.5	29	2.0	40	104	70	80	91	212	25	<10	788	0.006	
D140428		91.16	<0.5	23	<0.5	45	111	60	60	94	66	26	<10	268	0.014	
D140429		90.73	<0.5	39	<0.5	40	91	70	138	68	78	15	<10	183	0.015	
D140430		96.77	<0.5	38	<0.5	20	62	10	46	143	116	45	<10	236	NSS	
D140431		95.12	<0.5	22	<0.5	24	50	90	99	67	38	17	10	231	0.010	
D140432		97.14	<0.5	13	<0.5	37	73	90	108	97	21	22	10	187	0.007	
D140433		95.98	<0.5	28	<0.5	29	45	100	99	82	24	12	<10	178	0.006	
D140434		95.91	<0.5	19	<0.5	36	71	70	35	172	54	17	<10	273	<0.005	
D140435		97.35	<0.5	16	<0.5	40	53	50	116	114	27	16	<10	131	<0.005	
D140436		96.73	<0.5	6	<0.5	40	58	80	3	132	18	22	<10	23	<0.005	
D140437		97.31	<0.5	7	<0.5	52	18	80	3	208	13	24	10	23	<0.005	
D140438		95.74	<0.5	14	<0.5	67	98	40	24	135	12	18	<10	44	<0.005	
D140439		97.23	<0.5	12	<0.5	42	96	80	34	105	5	21	<10	137	<0.005	
D140440		99.82	<0.5	<5	<0.5	2	9	30	2	6	4	1	<10	24	<0.005	
D140441		97.28	<0.5	13	<0.5	43	75	50	26	91	13	11	<10	73	<0.005	
D140442		98.31	<0.5	10	<0.5	15	11	40	28	32	7	2	<10	18	<0.005	
D140443		95.04	<0.5	18	<0.5	20	109	30	29	34	13	3	<10	10	<0.005	
D140444		95.57	<0.5	20	<0.5	51	80	30	27	124	6	13	<10	96	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D140445		1.11	4000	2380	320	2.72	41.4	16.85	26.2	22.7	59.8	2.9	6.76	1320	1.09	1750
D140446		2.42	2550	3460	160	2.13	62.4	26.4	38.5	26.8	90.8	5.7	10.55	1790	1.95	>2500
D140447		2.22	2850	2530	140	2.05	41.3	18.10	26.0	19.2	62.0	2.7	7.11	1435	1.47	2000
D140448		2.48	5010	3040	110	2.18	64.5	27.3	35.8	21.8	87.2	3.1	10.75	1675	2.13	1260
D140449		2.35	6610	1385	530	3.13	22.4	9.35	13.95	18.7	32.3	3.9	3.77	797	1.00	629
D140450		0.10	8790	89.8	40	0.77	4.16	2.40	1.10	19.9	4.22	3.9	0.79	90.5	0.34	7.6
D140451		2.37	4500	1680	160	2.65	27.7	12.80	17.05	20.4	39.9	3.9	4.76	928	1.19	1160
D140452		2.42	5300	1205	130	2.55	30.0	13.80	16.00	19.3	41.9	4.6	4.94	695	1.25	462
D140453		2.34	3240	1530	60	1.90	33.6	15.65	16.95	18.1	44.0	3.4	5.67	861	1.52	595
D140454		2.54	3160	1060	50	2.23	17.30	6.83	11.20	17.2	28.0	2.7	2.86	615	0.77	696
D140455		2.32	4060	921	130	2.51	16.90	7.26	10.55	17.2	25.8	3.5	2.84	545	0.80	705
D140456		2.25	4030	568	110	2.82	13.55	5.80	8.80	13.6	20.5	2.3	2.17	348	0.64	340
D140457		2.09	5670	1375	270	4.32	18.10	7.09	11.55	19.2	27.0	4.0	2.83	730	0.63	1395
D140458		2.38	4510	1130	170	5.44	14.75	6.09	10.25	20.7	23.6	4.1	2.36	637	0.59	650
D140459		2.37	2620	1630	80	4.33	21.1	8.85	14.60	21.5	33.2	4.6	3.61	860	0.91	1790
D140460		0.53	166.0	15.2	<10	0.42	0.34	0.10	0.19	0.8	0.43	0.2	0.05	8.4	0.03	11.8
D140461		2.10	2200	1745	40	3.60	17.85	6.86	12.90	22.0	28.5	3.2	2.75	924	0.73	1340
D140462		1.86	2190	1750	50	3.75	20.3	8.48	14.30	20.5	32.3	2.6	3.46	924	0.79	1395
D140463		1.95	2980	1625	60	3.48	19.60	7.98	12.90	20.4	30.9	3.5	3.14	868	0.74	1240
D140464		1.87	2040	2100	90	5.53	21.0	8.74	15.45	22.0	35.5	3.6	3.31	1150	0.82	960
D140465		1.98	7730	942	780	5.89	11.85	5.68	7.12	16.8	17.35	3.4	2.08	537	0.58	546
D140466		1.60	4970	2830	250	4.41	28.2	10.95	20.5	25.4	46.2	2.5	4.38	1430	0.82	>2500
D140467		2.22	2470	1945	70	2.99	24.3	9.61	16.95	20.6	40.2	3.0	3.86	1060	0.78	927
D140468		1.52	3040	1920	90	4.77	21.2	8.46	15.35	22.8	35.0	4.2	3.35	1040	0.79	986
D140469		2.09	3730	2110	60	4.42	28.3	11.80	18.55	19.7	45.0	2.5	4.55	1195	0.98	1430
D140470		0.05	1160	5320	600	0.50	52.0	12.00	73.1	58.0	153.5	13.9	6.21	3860	0.57	1470
D140471		1.70	3260	1760	60	4.90	22.8	9.35	15.85	19.7	36.8	3.4	3.69	958	0.86	996
D140472		1.68	2530	2500	60	2.63	31.8	13.25	21.6	23.0	51.6	3.4	5.16	1345	1.10	1345
D140473		1.39	2400	1410	40	3.19	18.90	8.48	12.60	21.1	28.5	3.4	3.21	766	0.80	1010
D140474		2.87	1975	358	30	1.37	7.72	4.21	4.11	16.8	11.45	5.0	1.47	182.5	0.45	278
D140475		<0.02	1905	350	30	1.40	7.97	4.24	3.87	16.5	9.84	4.9	1.42	178.0	0.41	265
D140476		1.22	3340	2660	140	3.28	47.3	20.6	29.2	21.4	74.2	5.4	7.88	1435	1.63	1940
D140477		2.39	5910	1975	170	5.57	22.5	9.82	15.75	22.9	36.0	5.5	3.62	1045	0.86	2230
D140478		2.42	5620	2230	130	6.03	26.6	10.50	18.90	24.4	43.1	4.2	4.27	1180	0.82	2080
D140479		2.32	4690	1420	90	4.42	22.7	8.40	14.70	24.4	36.5	6.6	3.53	758	0.69	1015
D140480		0.51	5210	18.0	<10	0.38	0.35	0.09	0.10	0.5	0.53	0.1	0.05	10.2	0.01	14.2
D140481		2.28	5860	1170	120	2.92	31.0	12.70	17.15	19.4	46.8	4.1	4.92	675	1.17	667
D140482		2.29	5880	857	160	2.84	24.1	10.00	12.45	18.4	34.6	5.1	3.96	490	0.99	350
D140537		3.18	3160	351	100	3.04	8.23	3.99	4.82	16.7	13.05	6.1	1.50	170.5	0.43	171.5
D140538		2.85	2440	352	100	2.38	9.35	4.32	4.94	15.9	12.25	5.6	1.61	176.0	0.49	295



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140445		758	227	117.0	99.3	2	3030	10.7	7.99	137.5	2.10	26.4	261	13	173.5	10.15
D140446		1150	341	83.6	148.0	2	5480	30.7	11.70	239	3.06	99.8	218	5	280	17.85
D140447		799	240	65.0	100.0	2	4270	18.1	7.97	163.0	2.25	54.7	155	19	187.5	12.90
D140448		1015	300	69.7	135.5	1	6580	10.8	11.90	245	3.32	55.8	177	32	289	18.25
D140449		441	133.0	154.5	56.3	2	5470	8.7	4.27	64.6	1.15	9.89	264	4	100.5	6.56
D140450		23.6	7.29	108.5	4.22	7	106.5	0.4	0.64	9.35	0.38	16.55	295	49	21.8	2.36
D140451		517	159.0	122.5	64.3	1	5310	7.5	5.21	92.1	1.60	10.20	301	9	124.0	9.37
D140452		406	116.5	92.2	58.2	2	5450	6.2	5.48	62.0	1.61	8.32	307	6	137.5	10.15
D140453		442	142.0	68.0	63.7	2	6080	6.3	5.98	88.1	2.02	6.41	243	6	145.0	12.25
D140454		307	97.6	78.5	44.2	2	4400	7.4	3.46	57.2	0.96	8.63	262	12	75.2	6.00
D140455		273	85.5	89.4	41.3	3	3750	8.4	3.32	62.4	0.87	4.09	332	10	71.5	5.44
D140456		176.0	54.1	88.2	32.4	1	3030	6.0	2.68	81.2	0.76	7.82	283	23	54.5	4.41
D140457		387	127.0	148.5	50.7	2	1880	11.4	3.55	61.5	0.82	3.59	278	21	77.1	5.27
D140458		321	103.5	145.5	43.3	2	1855	5.4	2.98	51.1	0.72	3.17	294	6	58.3	4.45
D140459		470	154.5	111.5	63.8	2	2700	15.0	4.39	91.8	1.10	9.97	251	7	89.8	6.76
D140460		4.4	1.55	4.2	0.68	<1	136.0	<0.1	0.06	0.93	0.02	0.41	9	<1	1.5	0.24
D140461		478	161.0	95.3	58.1	1	2680	10.8	3.60	77.6	0.84	3.35	181	7	70.2	5.07
D140462		495	164.5	119.0	62.5	1	3110	10.7	4.13	89.4	1.04	8.75	149	10	88.5	5.93
D140463		459	150.5	103.0	58.6	1	3220	11.1	3.85	82.5	1.01	9.72	200	7	81.3	6.29
D140464		564	189.5	125.0	67.8	1	2380	8.6	4.27	75.5	0.99	9.69	224	9	90.0	6.11
D140465		241	81.5	239	31.0	2	3010	4.6	2.19	35.8	0.75	4.88	369	9	57.2	4.43
D140466		799	268	161.5	96.5	1	5040	29.8	5.93	123.0	1.25	10.60	218	6	114.0	7.14
D140467		556	182.0	68.3	76.3	2	5020	7.3	5.19	177.0	1.21	4.86	267	7	93.5	6.68
D140468		537	178.5	91.2	69.3	1	3310	7.1	4.45	94.4	1.02	6.09	191	7	80.7	6.21
D140469		618	199.5	112.0	84.6	1	3970	15.8	5.84	194.0	1.44	41.5	137	4	123.0	8.25
D140470		2630	781	6.0	399	32	757	24.3	13.45	231	1.20	5.76	392	4	132.0	6.53
D140471		528	169.0	89.3	69.4	1	3840	9.8	4.57	89.1	1.18	8.34	159	5	94.5	6.93
D140472		743	241	107.0	98.3	1	4080	11.5	6.35	112.5	1.59	19.10	182	6	130.5	9.24
D140473		411	132.5	103.5	56.4	2	2430	11.5	3.85	75.4	0.99	26.1	183	6	81.0	6.18
D140474		118.5	36.7	92.4	17.35	2	810	8.9	1.38	21.9	0.55	10.55	117	5	41.3	3.12
D140475		116.5	35.8	90.3	16.75	1	793	8.8	1.50	20.8	0.52	10.45	117	5	40.1	3.09
D140476		849	264	131.0	126.0	2	4540	23.3	9.46	147.5	2.46	76.7	159	5	216	13.70
D140477		566	186.5	213	72.2	1	3990	14.1	4.35	75.1	1.06	11.20	294	15	93.7	6.15
D140478		656	214	224	83.3	1	3960	13.5	5.33	84.4	1.25	4.75	281	9	107.0	6.32
D140479		449	140.0	145.0	66.0	2	2620	6.6	4.48	59.1	1.03	2.45	476	14	91.1	6.07
D140480		5.2	1.82	2.3	0.87	<1	222	<0.1	0.06	0.81	0.02	0.85	10	5	1.6	0.16
D140481		374	113.5	103.0	64.1	3	7130	3.4	6.18	176.5	1.50	8.16	525	14	134.0	9.03
D140482		276	81.4	81.1	49.6	2	4670	3.2	4.59	96.3	1.26	6.84	463	16	106.5	7.75
D140537		135.0	39.5	85.3	20.6	2	1625	6.5	1.63	13.70	0.54	2.83	193	3	37.4	3.19
D140538		133.0	38.7	80.5	20.5	2	1560	6.3	1.74	15.65	0.58	3.01	199	7	42.4	3.44



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140445		183	21.1	6.29	8.31	20.6	8.59	0.40	3.29	0.045	1.59	0.67	4.55	0.35	0.42	18.45
D140446		392	19.40	6.41	7.14	27.7	4.08	0.31	2.54	0.023	1.02	0.44	8.24	0.62	0.26	15.35
D140447		199	15.65	4.43	6.82	26.8	7.55	0.43	1.82	0.021	0.87	0.62	5.17	0.50	0.30	25.4
D140448		295	15.30	4.03	7.83	30.4	6.04	0.09	1.86	0.018	0.64	0.49	8.36	0.77	0.52	18.85
D140449		210	25.1	6.43	10.95	19.00	11.80	0.16	5.18	0.076	2.04	0.48	1.69	0.67	0.71	13.40
D140450		142	41.9	11.05	24.5	6.00	2.11	1.92	4.25	0.007	0.88	0.33	0.19	0.01	0.93	6.11
D140451		301	28.3	9.14	9.43	19.80	8.30	0.88	4.15	0.025	1.83	0.45	2.89	0.70	0.52	11.60
D140452		218	28.8	9.03	11.75	20.6	8.60	0.60	3.38	0.020	1.65	0.49	2.26	0.68	0.57	11.05
D140453		208	30.2	11.00	8.20	22.1	5.62	1.06	3.29	0.009	1.06	0.47	2.41	0.75	0.35	12.55
D140454		167	32.6	12.85	9.09	15.20	5.29	1.03	3.61	0.007	1.04	0.43	1.55	0.50	0.30	9.82
D140455		213	34.3	12.90	9.39	14.75	6.08	1.30	3.90	0.019	1.46	0.48	1.33	0.45	0.42	8.98
D140456		149	26.4	10.15	14.75	18.30	4.08	0.14	4.13	0.016	1.27	0.35	0.91	0.38	0.42	15.15
D140457		177	26.0	9.10	14.45	16.25	6.85	0.38	3.94	0.040	2.21	0.40	1.35	0.22	0.56	12.95
D140458		214	33.4	11.40	11.55	12.60	6.80	1.13	4.11	0.025	1.92	0.51	1.11	0.22	0.46	9.80
D140459		261	30.9	11.00	9.96	16.25	5.31	1.10	3.67	0.012	1.61	0.42	1.72	0.32	0.26	11.80
D140460		10	20.00	0.64	0.33	25.2	18.80	0.22	0.22	<0.002	0.03	0.05	0.03	0.01	0.02	33.3
D140461		162	34.0	14.00	9.52	14.05	5.45	1.35	4.32	0.006	1.08	0.38	1.15	0.32	0.23	12.20
D140462		163	30.7	13.20	11.35	15.45	4.51	0.36	4.85	0.009	1.07	0.31	1.94	0.38	0.24	13.75
D140463		203	32.9	12.70	10.10	14.05	5.47	0.93	4.17	0.009	1.12	0.39	1.64	0.38	0.29	11.10
D140464		187	34.7	13.10	10.95	10.85	4.35	0.20	4.56	0.013	1.26	0.20	1.87	0.28	0.21	13.60
D140465		155	28.7	8.28	12.75	14.25	9.06	0.23	4.97	0.108	2.10	0.47	0.62	0.37	0.77	12.45
D140466		138	24.9	8.70	11.50	18.95	6.99	0.34	4.11	0.036	2.41	0.44	2.56	0.61	0.50	13.70
D140467		163	31.2	11.60	11.45	18.05	5.53	0.93	3.12	0.011	1.52	0.49	1.62	0.62	0.25	11.65
D140468		252	33.6	12.20	9.95	14.70	5.89	1.43	3.31	0.013	1.42	0.48	1.15	0.40	0.30	10.45
D140469		157	27.0	9.53	11.40	18.70	4.96	1.34	3.47	0.009	1.15	0.43	3.14	0.47	0.37	11.50
D140470		613	28.3	11.25	49.2	1.76	1.78	0.25	0.14	0.083	3.03	0.13	1.14	0.10	0.12	1.23
D140471		211	35.8	13.65	10.25	14.95	5.14	1.27	2.99	0.010	1.05	0.41	1.92	0.43	0.30	10.90
D140472		196	30.2	11.55	8.70	18.05	4.87	1.12	3.79	0.009	1.41	0.40	3.38	0.51	0.25	12.90
D140473		216	32.3	13.95	8.90	15.80	3.94	1.22	4.41	0.006	0.95	0.42	1.69	0.31	0.25	13.55
D140474		323	37.5	14.00	8.71	12.70	2.56	0.78	5.25	0.005	1.27	0.30	1.29	0.09	0.20	14.45
D140475		296	37.0	13.95	8.70	12.60	2.49	0.77	5.14	0.004	1.25	0.29	1.29	0.09	0.19	14.55
D140476		517	17.10	4.48	7.03	30.7	6.32	0.18	2.74	0.020	1.06	0.56	8.70	0.55	0.34	17.90
D140477		239	26.1	7.42	11.00	18.45	9.60	0.20	5.15	0.027	3.72	0.47	3.00	0.51	0.63	11.30
D140478		170	28.5	7.80	11.95	16.20	10.20	0.52	4.83	0.019	3.59	0.45	3.58	0.47	0.56	8.40
D140479		232	30.3	8.14	17.30	14.85	10.45	0.49	3.78	0.013	4.37	0.50	3.04	0.31	0.47	6.61
D140480		3	18.90	0.11	0.27	26.9	21.0	0.02	0.04	<0.002	0.04	0.05	0.05	0.02	0.51	33.1
D140481		168	23.4	6.48	13.35	23.3	8.14	0.45	3.31	0.017	3.01	0.55	2.07	0.87	0.58	15.00
D140482		211	25.4	6.88	12.85	21.2	8.48	0.55	3.32	0.024	2.84	0.39	2.06	0.56	0.57	12.75
D140537		332	40.4	13.95	12.20	8.02	5.25	2.15	4.03	0.015	1.92	0.19	2.05	0.20	0.32	9.08
D140538		321	37.6	12.70	12.50	9.11	5.15	1.69	4.02	0.014	1.88	0.25	1.87	0.19	0.24	11.60



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140445		94.66	<0.5	23	<0.5	58	72	20	16	185	18	11	<10	90	<0.005	
D140446		93.53	<0.5	24	<0.5	75	86	60	12	191	18	17	<10	52	<0.005	0.33
D140447		96.38	<0.5	27	<0.5	32	39	20	21	125	21	11	<10	53	<0.005	
D140448		95.20	<0.5	32	<0.5	65	103	20	22	191	22	9	<10	79	<0.005	
D140449		97.69	<0.5	9	<0.5	46	53	50	12	256	10	16	10	169	<0.005	
D140450		100.19	<0.5	162	<0.5	205	3100	20	61	82	7	17	<10	24	0.175	
D140451		98.02	<0.5	16	<0.5	40	68	70	28	98	12	16	<10	190	<0.005	
D140452		99.48	<0.5	20	<0.5	35	64	60	18	105	28	19	<10	224	<0.005	
D140453		99.07	<0.5	11	2.2	28	45	80	30	54	48	11	<10	275	0.005	
D140454		93.32	<0.5	10	<0.5	32	45	100	45	47	17	10	<10	179	0.006	
D140455		95.76	<0.5	13	<0.5	29	41	120	84	64	13	12	<10	193	<0.005	
D140456		96.45	<0.5	22	<0.5	31	36	70	143	77	12	11	<10	120	<0.005	
D140457		94.70	<0.5	13	<0.5	48	79	80	15	164	<2	22	<10	173	<0.005	
D140458		95.04	<0.5	10	<0.5	47	72	100	25	126	5	14	<10	203	<0.005	
D140459		94.33	<0.5	12	<0.5	47	72	130	16	86	<2	18	<10	120	<0.005	
D140460		98.85	<0.5	<5	<0.5	<1	4	20	<1	2	3	<1	<10	14	<0.005	
D140461		98.06	<0.5	11	<0.5	35	51	180	26	55	<2	11	<10	100	<0.005	
D140462		98.12	<0.5	14	<0.5	40	33	230	15	62	<2	11	<10	99	<0.005	
D140463		95.25	<0.5	10	<0.5	49	49	90	22	74	3	13	<10	140	0.005	
D140464		96.14	<0.5	11	<0.5	26	34	130	6	75	4	14	<10	89	0.010	
D140465		95.13	<0.5	8	<0.5	58	83	60	15	234	8	17	<10	291	<0.005	
D140466		95.75	<0.5	13	<0.5	94	74	70	12	160	<2	12	<10	190	<0.005	0.44
D140467		98.04	<0.5	10	0.8	41	80	110	16	78	13	14	<10	188	0.006	
D140468		95.29	<0.5	11	0.7	46	85	90	26	81	13	15	<10	156	0.006	
D140469		93.47	<0.5	16	<0.5	83	115	70	249	110	2	12	<10	122	<0.005	
D140470		98.51	<0.5	50	<0.5	27	66	10	47	164	112	50	<10	247	NSS	
D140471		99.07	<0.5	13	<0.5	58	73	70	24	82	<2	14	<10	126	<0.005	
D140472		97.14	<0.5	13	<0.5	57	71	110	34	92	<2	14	<10	99	<0.005	
D140473		97.70	<0.5	13	<0.5	53	51	120	35	80	<2	12	<10	72	<0.005	
D140474		99.11	<0.5	7	<0.5	27	27	50	5	45	7	9	<10	48	<0.005	
D140475		98.31	<0.5	7	<0.5	26	28	50	5	43	8	9	<10	47	<0.005	
D140476		97.68	<0.5	28	0.5	54	85	40	14	142	18	14	<10	210	<0.005	
D140477		97.58	<0.5	16	<0.5	71	83	70	53	134	<2	22	<10	272	<0.005	
D140478		97.07	<0.5	13	<0.5	70	80	80	38	112	<2	20	<10	226	<0.005	
D140479		100.62	<0.5	12	<0.5	68	76	50	14	95	2	22	<10	226	<0.005	
D140480		101.01	<0.5	<5	<0.5	2	5	10	<1	1	4	<1	<10	25	<0.005	
D140481		100.53	<0.5	18	<0.5	56	73	60	20	94	24	21	<10	192	0.009	
D140482		97.87	<0.5	17	<0.5	49	42	60	13	87	19	25	<10	174	<0.005	
D140537		99.78	<0.5	6	<0.5	41	52	40	3	82	10	17	<10	71	<0.005	
D140538		98.81	<0.5	8	<0.5	47	49	30	17	91	11	16	<10	38	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D140539		1.33	3100	1085	220	3.13	20.9	9.31	10.80	22.6	28.4	5.9	3.59	617	0.70	598
D140540		0.70	643	15.6	10	0.32	0.45	0.19	0.27	1.1	0.54	0.3	0.08	8.0	0.02	11.0
D140541		2.03	2480	700	250	2.21	16.70	7.95	8.03	18.5	21.7	5.5	2.85	375	0.64	298
D140542		2.30	4320	508	400	5.08	13.30	5.99	6.81	18.2	18.40	5.5	2.31	278	0.53	313
D140543		2.47	4030	1175	290	4.72	20.9	9.33	12.30	22.5	30.1	5.8	3.65	651	0.70	514
D140544		2.27	3060	1535	240	3.43	29.0	12.30	16.50	22.7	41.9	5.9	4.80	819	0.91	835
D140545		1.76	6480	1780	250	3.92	32.1	13.85	18.50	24.2	46.7	3.2	5.45	968	1.01	1970
D140546		2.70	5100	2400	300	4.32	38.2	15.70	22.7	24.8	58.1	5.0	6.27	1255	1.19	1170
D140547		2.25	3570	2610	370	3.64	44.1	18.10	26.9	28.0	69.0	5.8	7.13	1355	1.17	946
D140548		2.35	4990	1100	570	4.62	22.6	8.92	12.10	21.6	31.3	5.3	3.69	580	0.74	394
D140549		2.28	9460	1995	380	4.99	49.8	21.4	24.2	26.7	65.4	3.9	8.18	1100	1.47	929
D140550		0.11	8690	88.4	50	0.81	4.24	2.26	1.12	19.1	4.26	4.1	0.79	89.3	0.34	8.0
D140551		2.30	>10000	2630	330	7.22	53.9	22.2	29.2	30.6	79.2	2.4	8.92	1430	1.40	799
D140552		2.24	5910	3040	60	4.37	44.7	18.35	26.9	28.9	68.0	5.0	7.38	1650	1.22	1590
D140553		2.40	7040	1630	100	4.63	26.1	10.75	16.10	22.7	41.1	5.6	4.19	896	0.76	697
D140554		2.18	5430	2360	180	3.93	43.4	17.05	25.2	25.6	64.5	5.8	6.88	1260	1.18	1185
D140555		2.39	3440	4370	90	3.14	65.9	26.5	40.3	32.2	102.0	5.7	10.65	2320	1.55	1590
D140556		2.41	3230	3860	140	3.68	36.3	13.70	26.7	31.6	59.2	7.0	5.67	1955	1.03	>2500
D140557		2.43	3360	3330	150	3.65	40.9	16.15	28.4	29.5	67.7	6.3	6.43	1650	1.02	2070
D140558		2.19	2600	1405	60	4.27	22.1	9.58	13.50	21.8	34.0	4.1	3.60	741	0.83	716
D140559		2.36	3690	1805	110	3.57	24.9	9.69	16.00	24.9	39.9	6.4	4.05	993	0.75	635
D140560		0.64	914	13.2	<10	0.35	0.29	0.11	0.17	0.1	0.27	0.1	0.06	7.4	0.01	5.9
D140561		2.50	3630	1415	150	3.23	19.85	7.62	12.60	20.8	31.8	6.1	3.23	810	0.66	536
D140562		2.30	4240	1390	170	3.66	24.3	10.45	14.15	21.0	38.3	5.0	4.11	756	0.80	354
D140563		2.28	5520	1650	160	4.42	34.3	15.05	19.45	23.6	51.1	5.3	5.90	897	0.98	303
D140564		2.46	2350	3190	110	2.60	35.6	14.00	23.9	27.9	54.3	7.0	5.51	1560	1.06	>2500
D140565		2.33	2020	3190	120	2.65	31.5	12.10	23.4	25.6	53.4	6.6	5.06	1515	0.97	>2500
D140566		2.19	3580	3010	140	2.78	42.8	16.65	27.7	26.3	68.1	4.4	6.75	1505	1.15	1660
D140567		2.46	3420	1510	230	3.46	32.2	14.50	18.35	21.6	48.1	5.7	5.46	800	1.13	332
D140568		2.30	7560	1875	250	6.73	35.0	16.40	20.1	22.4	50.4	5.6	6.01	1075	1.35	417
D140569		2.03	4390	1345	240	3.67	24.6	11.65	14.55	21.4	36.4	6.8	4.42	727	1.00	356
D140570		0.06	1045	5220	620	0.37	54.0	12.70	75.1	56.8	154.5	14.9	6.54	3790	0.64	1415
D140571		2.18	3900	1540	360	3.96	22.2	10.15	14.35	22.8	35.3	5.9	3.60	767	0.82	1015
D140572		2.32	2690	2570	370	2.52	22.6	8.80	17.70	24.2	37.8	5.4	3.58	1280	0.88	>2500
D140573		2.96	2020	2890	200	2.09	26.0	9.76	23.7	24.8	50.0	6.0	3.90	1450	0.91	>2500
D140574		1.53	1935	306	<10	1.09	6.64	3.20	3.40	17.5	9.28	4.6	1.20	159.5	0.45	190.5
D140575		<0.02	1855	296	<10	0.99	6.46	2.78	3.42	17.1	8.87	4.1	1.18	154.0	0.40	181.5
D140576		1.88	2080	268	<10	1.45	5.39	3.00	3.31	18.5	7.87	4.4	1.05	138.5	0.39	194.5
D140577		1.98	1720	286	<10	1.05	5.53	2.99	3.30	17.8	8.61	4.1	0.99	148.0	0.40	181.0
D140578		2.00	1760	361	10	1.02	5.61	3.06	3.82	17.8	9.42	4.2	1.07	170.5	0.38	194.5



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140539		333	104.0	116.5	48.6	2	1935	17.6	3.66	54.7	1.19	12.30	339	9	94.9	6.41
D140540		6.2	1.76	2.8	1.08	<1	197.0	0.1	0.08	0.84	0.04	0.51	13	<1	1.8	0.18
D140541		230	67.3	109.5	31.8	2	1775	14.8	3.04	37.5	0.94	11.00	280	8	79.8	5.43
D140542		178.0	50.3	148.5	26.1	2	2480	17.6	2.49	29.8	0.69	8.29	282	6	64.9	3.97
D140543		384	113.5	141.0	48.4	2	2550	13.4	3.87	55.4	1.08	8.92	354	11	99.4	5.86
D140544		505	148.5	89.0	64.4	3	2640	18.5	5.33	75.9	1.44	10.10	367	11	129.0	8.49
D140545		580	173.0	173.5	75.7	2	2710	9.4	6.31	105.0	1.60	8.61	510	32	136.0	8.39
D140546		774	234	159.5	96.0	2	3440	12.7	7.49	138.5	1.83	8.50	303	14	168.5	10.25
D140547		867	258	132.0	110.0	2	2860	11.7	8.50	130.0	2.07	7.97	378	17	185.0	10.85
D140548		370	108.5	157.5	47.7	3	1860	4.5	4.00	51.1	1.11	4.59	417	10	96.9	5.80
D140549		672	197.5	186.5	93.0	2	2180	7.1	9.34	120.0	2.34	8.25	344	16	216	12.45
D140550		24.6	7.31	111.0	4.05	6	107.0	0.4	0.68	9.63	0.33	16.90	292	49	21.9	2.25
D140551		879	260	294	117.5	2	2500	5.2	10.65	147.0	2.50	8.38	274	8	234	13.25
D140552		948	291	165.0	113.5	2	3660	10.5	8.83	145.5	2.04	10.80	286	12	184.5	11.10
D140553		532	158.5	167.0	67.1	3	3170	8.3	4.99	58.3	1.22	4.51	360	15	116.0	6.70
D140554		789	234	143.5	102.5	4	2350	10.8	8.07	143.5	1.93	6.78	463	9	177.5	10.35
D140555		1410	427	109.0	174.0	2	4360	14.9	13.00	209	2.98	8.81	282	5	275	15.35
D140556		1145	365	109.0	120.5	3	2190	21.9	7.40	175.0	1.51	7.85	348	6	135.0	8.24
D140557		1030	322	135.0	115.5	3	2490	17.1	8.46	165.5	1.74	7.31	372	8	157.0	9.26
D140558		452	135.0	132.0	55.9	2	2840	13.1	4.18	66.5	1.21	9.75	229	9	97.2	6.94
D140559		554	171.0	112.5	65.1	2	2920	5.7	4.78	51.1	1.15	4.50	431	14	100.0	6.40
D140560		4.1	1.23	1.5	0.43	<1	154.5	<0.1	0.06	0.60	0.02	0.42	9	1	1.3	0.12
D140561		440	132.0	111.5	53.4	3	2080	4.3	3.87	47.1	0.94	3.19	452	11	81.4	4.98
D140562		448	133.0	115.0	59.4	3	1930	5.1	4.88	31.9	1.27	5.25	389	15	109.5	7.28
D140563		566	163.5	126.5	75.9	4	3040	4.8	6.52	62.3	1.84	6.28	424	4	158.5	9.91
D140564		980	306	76.1	104.5	4	2100	24.1	7.02	171.0	1.48	7.43	437	14	128.0	8.46
D140565		987	310	67.6	103.5	3	2360	26.6	6.31	184.0	1.34	6.88	268	18	121.0	7.82
D140566		964	296	118.0	115.0	2	3820	19.5	8.68	146.5	1.86	5.74	187	8	165.0	10.20
D140567		530	153.0	109.0	71.2	5	3520	3.9	6.21	65.6	1.74	5.32	466	3	146.0	9.58
D140568		601	179.5	145.0	77.6	3	3280	12.0	6.68	40.2	2.01	11.10	274	9	174.0	10.80
D140569		442	131.0	111.5	56.8	6	2390	7.5	4.63	36.8	1.44	8.67	468	5	116.0	7.92
D140570		2890	773	6.3	369	32	762	25.3	12.95	240	1.13	5.81	417	4	134.5	5.68
D140571		496	150.0	115.5	59.3	4	2030	12.2	4.35	87.5	1.13	4.90	400	10	92.7	6.55
D140572		770	246	75.5	78.8	3	3700	28.6	4.52	176.5	1.12	4.84	263	20	84.7	6.35
D140573		900	279	63.6	104.5	3	2270	27.6	5.55	218	1.06	5.68	338	19	93.3	6.71
D140574		108.5	31.5	79.4	13.60	1	1670	9.2	1.19	16.20	0.41	5.40	102	8	31.5	2.60
D140575		105.5	30.7	77.0	13.45	1	1615	8.5	1.20	15.85	0.42	5.08	97	8	31.9	2.68
D140576		91.7	26.2	80.5	12.80	2	1690	8.8	1.00	16.65	0.37	5.92	103	3	27.2	2.61
D140577		97.7	28.0	75.6	13.00	2	1155	7.9	1.03	15.45	0.39	5.40	99	5	28.5	2.49
D140578		119.0	34.1	91.2	15.00	1	1210	8.5	1.16	16.15	0.40	4.95	110	10	29.4	2.51



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140539		366	34.1	12.95	11.40	10.70	6.28	0.85	4.00	0.032	2.00	0.40	1.81	0.24	0.31	13.00
D140540		11	16.95	0.39	0.53	27.4	21.2	0.06	0.12	<0.002	0.06	0.06	0.07	0.02	0.06	32.8
D140541		382	33.6	12.00	9.58	13.60	5.44	0.71	3.92	0.035	1.55	0.40	1.41	0.20	0.29	16.20
D140542		371	33.4	11.20	10.65	13.80	9.62	0.98	3.48	0.056	1.71	0.38	1.38	0.29	0.48	11.30
D140543		334	35.2	11.85	12.50	14.55	8.85	1.51	3.57	0.040	1.91	0.47	1.93	0.30	0.46	8.83
D140544		367	35.5	12.05	12.30	15.20	7.63	1.83	2.76	0.034	2.38	0.48	2.42	0.31	0.35	7.13
D140545		202	23.5	7.78	16.45	12.85	8.32	0.43	4.09	0.033	4.28	0.50	2.44	0.33	0.65	12.10
D140546		256	30.2	8.66	13.15	16.55	9.25	0.89	3.75	0.043	2.61	0.47	3.38	0.41	0.58	8.90
D140547		274	33.5	10.25	13.20	15.30	8.04	1.28	3.42	0.049	2.65	0.46	3.50	0.33	0.37	7.64
D140548		254	33.5	9.31	18.70	12.20	9.87	0.87	3.80	0.079	2.47	0.65	1.83	0.23	0.54	5.75
D140549		185	33.3	9.87	14.55	11.95	10.75	0.95	4.19	0.053	3.37	0.50	3.48	0.25	1.06	5.27
D140550		143	43.0	11.05	24.7	6.22	2.17	1.88	4.18	0.006	0.90	0.33	0.18	0.01	0.99	6.14
D140551		124	30.2	8.53	12.95	11.40	13.20	0.35	5.94	0.047	2.54	0.54	4.74	0.31	1.25	4.37
D140552		244	32.0	9.67	11.80	15.60	9.79	0.95	3.76	0.009	3.13	0.52	4.28	0.42	0.66	6.14
D140553		225	32.3	10.65	14.55	13.00	10.00	0.93	4.06	0.015	3.68	0.57	2.77	0.39	0.74	5.61
D140554		272	29.5	8.59	19.90	12.45	9.56	0.69	3.52	0.028	4.03	0.71	3.37	0.30	0.59	5.87
D140555		253	25.7	6.30	13.60	20.4	7.51	0.77	2.69	0.013	2.93	0.50	5.82	0.53	0.36	8.07
D140556		310	33.5	8.21	15.95	14.35	9.30	1.01	2.82	0.020	3.95	0.56	2.30	0.25	0.36	6.63
D140557		275	31.0	7.30	15.90	16.05	9.78	0.68	3.13	0.022	3.55	0.61	3.52	0.29	0.38	6.18
D140558		247	36.9	14.45	12.50	12.05	6.03	2.02	4.04	0.010	2.07	0.56	2.19	0.35	0.31	5.94
D140559		233	33.6	9.43	15.85	15.30	9.02	1.18	2.94	0.015	3.70	0.65	2.85	0.33	0.41	5.12
D140560		2	16.35	0.12	0.19	27.9	20.5	0.04	0.06	<0.002	0.02	0.05	0.02	0.01	0.10	34.0
D140561		212	29.9	7.82	15.85	15.80	8.49	0.97	2.85	0.023	3.65	0.65	2.18	0.25	0.42	6.81
D140562		228	32.4	9.31	17.25	14.30	9.65	1.00	3.02	0.027	3.16	0.74	2.39	0.25	0.53	5.19
D140563		305	32.0	9.73	17.20	14.20	8.93	1.28	3.09	0.025	2.26	0.81	2.92	0.37	0.61	4.93
D140564		337	31.5	6.63	18.70	15.25	8.25	0.95	2.12	0.016	4.29	0.73	1.75	0.25	0.27	6.89
D140565		291	33.3	8.28	15.55	16.15	8.12	1.21	2.23	0.021	3.99	0.60	1.99	0.31	0.26	6.89
D140566		237	26.3	6.85	12.35	19.65	8.21	0.78	2.96	0.022	2.28	0.57	3.61	0.47	0.44	12.10
D140567		362	29.9	8.75	18.55	15.55	8.02	1.01	3.01	0.033	2.11	0.86	2.21	0.42	0.39	7.17
D140568		314	30.1	9.08	15.15	17.45	11.55	0.44	3.64	0.034	1.95	0.68	2.67	0.37	0.82	5.82
D140569		416	31.2	8.61	21.8	13.60	8.39	0.97	2.95	0.034	2.35	0.92	1.24	0.28	0.48	5.99
D140570		608	28.8	11.35	49.9	1.81	1.79	0.24	0.19	0.087	3.11	0.13	1.14	0.10	0.12	1.12
D140571		327	34.8	9.81	17.80	12.00	9.11	1.21	3.14	0.050	2.50	0.76	1.33	0.24	0.44	4.83
D140572		308	33.3	8.59	14.60	16.55	7.50	1.30	2.46	0.054	2.64	0.58	0.46	0.43	0.30	8.25
D140573		345	31.5	6.81	19.05	13.40	7.61	0.90	1.97	0.029	3.50	0.59	0.67	0.26	0.22	9.67
D140574		286	40.8	15.65	10.60	9.12	4.66	2.06	3.79	<0.002	1.22	0.26	1.17	0.19	0.21	9.42
D140575		276	40.5	15.70	10.60	9.17	4.50	2.00	3.78	0.002	1.22	0.26	1.17	0.19	0.21	9.42
D140576		308	44.7	17.60	13.85	3.46	5.98	2.46	3.70	<0.002	1.35	0.15	1.32	0.20	0.24	6.00
D140577		288	45.0	16.55	14.35	3.40	6.16	1.88	4.02	<0.002	1.32	0.16	1.31	0.14	0.20	6.27
D140578		281	42.8	15.55	13.70	5.65	5.39	1.53	4.81	<0.002	1.30	0.23	1.23	0.14	0.19	7.54



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10	
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140539		98.07	<0.5	25	<0.5	51	85	80	25	145	15	16	<10	101	0.006	
D140540		99.72	<0.5	<5	<0.5	2	7	10	1	4	4	1	<10	17	<0.005	
D140541		98.94	<0.5	24	0.5	38	54	50	20	128	13	12	<10	133	0.005	
D140542		98.73	<0.5	22	<0.5	45	68	50	18	215	13	16	<10	150	<0.005	
D140543		101.97	<0.5	17	0.6	42	68	70	29	147	10	16	<10	230	0.005	
D140544		100.37	<0.5	13	<0.5	42	59	80	25	138	10	16	<10	227	<0.005	
D140545		93.75	<0.5	20	0.9	127	151	30	37	221	12	16	<10	186	0.010	
D140546		98.84	<0.5	14	7.5	74	83	50	25	214	16	25	<10	846	0.005	
D140547		99.99	<0.5	14	<0.5	59	61	70	16	205	18	26	<10	167	0.005	
D140548		99.80	<0.5	8	1.3	77	97	20	9	383	19	25	<10	342	0.009	
D140549		99.54	<0.5	13	0.6	78	96	40	12	223	16	22	<10	233	0.006	
D140550		101.76	<0.5	168	<0.5	210	3100	20	61	82	9	17	<10	25	0.174	
D140551		96.37	<0.5	14	0.5	71	82	30	18	202	18	16	<10	286	<0.005	
D140552		98.73	<0.5	9	3.7	49	55	60	17	96	12	16	<10	447	0.005	
D140553		99.27	<0.5	11	0.6	50	55	50	18	107	14	17	<10	293	0.005	
D140554		99.11	<0.5	8	1.0	71	86	30	53	155	14	20	<10	349	0.005	
D140555		95.19	<0.5	9	0.5	79	103	30	45	164	15	20	10	181	0.005	
D140556		99.21	<0.5	7	1.3	90	103	40	20	161	4	24	<10	274	0.008	0.26
D140557		98.39	<0.5	7	1.1	77	84	30	11	151	5	22	<10	313	0.005	
D140558		99.42	<0.5	6	0.9	43	46	70	15	60	18	11	<10	249	0.007	
D140559		100.40	<0.5	7	1.1	59	61	40	13	87	18	19	<10	315	0.008	
D140560		99.36	<0.5	<5	<0.5	<1	1	20	<1	1	3	<1	<10	22	0.005	
D140561		95.66	<0.5	6	1.2	59	65	40	14	94	18	21	<10	322	0.005	
D140562		99.22	<0.5	6	1.1	56	69	30	9	143	15	22	<10	386	0.007	
D140563		98.36	<0.5	8	0.8	43	53	40	8	153	21	20	<10	444	0.006	
D140564		97.60	<0.5	5	0.5	96	123	30	20	166	7	25	<10	272	0.007	0.26
D140565		98.90	<0.5	5	0.5	78	91	30	13	128	2	24	<10	219	0.007	0.29
D140566		96.59	<0.5	10	1.4	81	111	40	15	174	8	19	<10	255	0.006	
D140567		97.98	<0.5	8	1.4	44	49	40	8	183	11	23	<10	489	0.005	
D140568		99.75	<0.5	14	2.6	54	92	10	5	217	31	22	<10	579	0.005	
D140569		98.81	<0.5	7	1.2	71	124	40	27	198	14	24	<10	406	0.006	
D140570		99.89	<0.5	37	<0.5	25	63	10	48	158	118	48	<10	239	0.008	
D140571		98.02	<0.5	5	0.9	62	82	60	9	177	6	25	<10	360	0.006	
D140572		97.01	<0.5	6	1.1	92	123	60	21	237	6	26	<10	226	0.005	0.25
D140573		96.18	<0.5	5	1.2	137	209	30	20	268	23	27	<10	238	0.007	0.29
D140574		99.15	<0.5	<5	<0.5	22	12	30	4	11	8	6	<10	35	<0.005	
D140575		98.72	<0.5	<5	<0.5	21	11	30	3	11	8	5	<10	32	0.005	
D140576		101.01	<0.5	<5	<0.5	27	20	30	3	6	3	6	<10	39	<0.005	
D140577		100.76	<0.5	<5	<0.5	19	9	30	3	7	7	5	<10	34	<0.005	
D140578		100.06	<0.5	5	<0.5	23	9	30	4	15	13	7	<10	35	0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D140579		1.21	2010	308	10	1.12	5.86	3.17	3.95	17.7	9.44	4.0	1.07	150.0	0.36	184.0
D140580		0.69	192.5	4.5	<10	0.66	0.20	0.12	0.06	0.3	0.21	0.1	0.04	2.5	0.02	1.8
D140581		3.33	>10000	2720	240	5.00	53.6	25.5	33.0	23.7	86.6	4.2	9.62	1450	1.79	391
D140582		2.29	3750	1630	230	3.09	33.0	15.50	21.1	21.3	53.9	4.9	5.89	854	1.16	329
D140583		2.08	7540	1775	250	4.62	28.5	13.30	18.50	20.1	47.5	4.4	4.99	895	0.97	906
D140584		2.22	6190	1505	260	4.04	33.5	15.40	20.1	22.5	52.2	5.3	6.08	776	1.10	357
D140585		2.02	2930	2130	130	2.89	29.6	13.55	20.2	20.2	47.9	5.2	5.04	1085	1.15	1320
D140586		1.77	2170	2330	140	2.67	19.90	8.61	17.20	21.6	37.9	4.8	3.41	1200	0.78	1475
D140587		1.94	2610	2450	160	2.20	19.55	8.07	16.70	22.1	37.3	4.2	3.28	1230	0.72	1710
D140588		2.08	3890	2520	270	3.08	22.1	9.49	19.20	25.6	41.4	4.6	3.82	1235	0.77	1680
D140589		1.97	2270	2460	60	1.99	23.5	9.96	20.3	23.9	44.4	4.9	3.99	1300	0.84	1310
D140590		0.11	8570	86.6	40	0.75	3.74	2.36	1.14	19.4	3.88	3.4	0.79	88.8	0.33	8.3
D140591		2.00	3490	2580	190	2.73	23.2	10.10	18.80	25.2	43.1	4.5	3.88	1315	0.74	1575
D140592		2.11	3880	2930	150	2.92	43.3	18.80	30.0	25.3	73.1	3.7	7.36	1480	1.19	1150
D140593		2.22	5200	3020	190	3.57	42.9	18.90	30.6	25.5	74.6	3.7	7.42	1525	1.21	1425
D140594		1.23	2520	294	<10	1.16	5.70	2.83	3.80	17.5	8.93	4.1	1.10	142.5	0.38	189.5
D140595		2.45	4760	1590	490	3.84	21.1	9.44	15.30	19.4	37.2	3.9	3.69	807	0.78	1135
D140596		2.32	6620	917	590	5.06	15.20	7.28	9.83	19.4	25.3	3.9	2.74	527	0.64	354
D140597		2.32	6800	1305	410	4.94	18.75	8.88	13.30	18.8	32.4	4.8	3.37	676	0.79	721
D140598		2.11	6650	2410	360	5.36	22.8	10.45	17.75	22.2	40.9	4.2	3.95	1380	0.84	1200
D140599		2.54	4920	1780	400	7.24	30.3	14.10	19.50	19.6	50.2	3.6	5.41	988	0.98	405
D140600		0.61	327	11.2	<10	0.46	0.27	0.14	0.10	0.3	0.35	0.1	0.05	6.7	0.01	3.2
D140601		2.34	5410	2520	270	4.96	27.2	11.65	20.9	21.6	48.0	4.8	4.54	1320	0.93	1885
D140602		2.14	3410	2900	190	2.73	23.7	9.85	20.2	21.4	43.2	6.0	3.93	1490	1.06	2360
D140603		2.27	4150	2380	170	3.77	26.8	11.45	20.2	22.0	47.5	5.3	4.75	1245	0.96	1900
D140604		2.26	2360	1475	150	3.04	23.1	10.20	15.60	21.1	39.1	4.7	4.02	781	0.87	544
D140605		2.33	3320	2270	230	3.42	18.30	7.55	16.20	21.4	34.1	5.2	3.01	1090	0.73	2340
D140606		2.19	3150	2120	160	3.97	20.9	9.01	17.25	23.8	37.8	4.9	3.50	1075	0.69	1155
D140607		2.27	1780	2110	80	1.68	22.3	10.30	16.95	15.2	38.9	3.4	3.93	1140	0.99	1085
D140608		2.33	3030	3220	120	3.31	31.8	13.00	26.2	27.2	58.2	4.0	5.12	1600	0.96	2080
D140609		2.16	1565	1750	90	2.47	19.45	8.85	14.50	19.8	33.4	5.1	3.39	927	0.85	1085
D140610		0.06	1105	5390	630	0.43	50.0	11.80	78.8	52.9	153.0	13.6	6.53	3920	0.65	1530
D140611		2.31	2350	1405	110	3.32	17.60	7.42	12.90	19.9	28.0	4.6	3.02	760	0.69	600
D140612		2.54	6440	1015	520	5.33	16.85	7.13	11.30	18.7	26.1	6.0	2.95	604	0.65	455
D140613		2.40	7140	1105	350	7.28	18.45	7.85	12.25	18.1	29.3	5.1	3.28	627	0.64	442
D140614		2.40	5930	1305	470	5.19	21.8	9.67	14.00	17.7	33.3	6.4	3.91	722	0.83	501
D140615		2.20	7430	1140	550	6.74	21.7	9.76	13.65	19.4	33.3	4.5	3.91	623	0.75	467
D140616		2.52	6240	1585	260	5.13	19.50	8.36	14.10	21.1	31.0	4.3	3.36	884	0.74	750
D140617		2.31	5370	544	280	4.62	11.10	5.21	6.78	16.1	16.80	4.4	1.98	336	0.56	214
D140618		2.46	>10000	1720	400	5.63	35.5	16.45	22.1	21.0	54.3	5.5	6.47	947	1.24	409



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140579		106.0	30.1	106.0	14.55	1	1450	8.6	1.19	16.05	0.41	5.23	106	11	30.7	2.69
D140580		1.6	0.44	2.2	0.23	<1	109.5	<0.1	0.04	0.27	0.01	0.47	<5	1	1.1	0.09
D140581		918	281	203	130.5	5	2030	7.7	10.80	77.1	3.00	10.35	381	11	280	16.20
D140582		569	160.0	98.2	83.4	5	2330	6.3	6.70	67.6	1.81	6.27	482	8	159.5	9.83
D140583		582	170.5	171.5	76.4	4	1780	12.9	5.68	69.0	1.52	11.50	334	8	137.5	8.26
D140584		529	149.0	163.0	77.3	6	1950	7.1	6.67	55.6	1.82	7.83	524	13	162.5	9.85
D140585		671	200	101.5	85.7	2	2100	12.2	6.04	98.0	1.57	13.10	291	12	133.0	8.86
D140586		678	212	107.0	75.6	2	1385	12.8	4.40	89.5	0.97	10.80	255	17	82.5	6.22
D140587		711	227	103.0	77.6	2	1655	14.3	4.31	99.7	0.97	10.80	245	18	80.0	5.54
D140588		753	247	140.0	84.2	2	2020	14.9	4.85	110.0	1.06	6.57	308	14	92.6	5.98
D140589		729	227	118.0	83.8	2	2600	11.1	5.16	83.2	1.17	8.82	246	17	100.0	6.74
D140590		24.1	6.90	108.0	4.30	5	104.5	0.4	0.65	9.95	0.32	16.90	291	42	22.1	2.13
D140591		762	248	136.5	87.4	2	2460	11.7	5.23	103.5	1.15	6.56	254	22	98.3	5.82
D140592		962	300	127.0	124.5	2	2930	11.1	8.96	155.0	2.08	8.24	255	13	193.5	10.85
D140593		992	307	140.0	127.5	2	2930	15.5	8.94	160.0	2.12	9.57	248	14	194.0	10.95
D140594		101.0	28.6	113.0	14.00	1	1440	8.3	1.16	16.45	0.42	5.26	103	10	30.5	2.73
D140595		513	152.5	154.5	65.8	2	1850	14.4	4.46	105.0	1.07	4.46	276	6	95.2	6.08
D140596		293	84.6	186.5	41.1	3	1750	5.3	3.15	46.2	0.87	3.38	361	5	72.3	4.99
D140597		416	123.5	184.0	52.8	3	2080	8.3	3.98	76.9	1.05	5.44	275	4	90.0	6.03
D140598		691	215	195.0	78.5	3	1445	12.7	4.79	111.5	1.31	3.25	260	7	111.0	7.35
D140599		587	169.0	134.0	79.9	2	3430	7.7	6.10	63.9	1.59	6.09	226	4	148.0	8.35
D140600		3.5	1.05	1.3	0.46	<1	136.5	<0.1	0.03	0.50	0.01	0.62	8	1	1.2	0.08
D140601		754	247	132.5	90.4	2	2590	24.3	5.87	139.5	1.37	5.62	213	9	118.5	7.48
D140602		833	279	75.1	90.5	1	2720	29.9	5.19	160.5	1.24	4.83	153	13	99.8	7.69
D140603		707	221	108.5	86.2	2	2970	32.2	5.78	146.5	1.34	11.10	275	13	114.5	7.53
D140604		472	139.0	87.1	63.7	3	3960	11.9	4.67	75.2	1.26	7.29	355	7	104.0	7.06
D140605		670	209	115.5	73.0	2	1770	21.6	4.02	146.0	0.83	6.20	189	16	69.2	5.26
D140606		631	195.5	115.5	73.4	2	2540	11.8	4.62	75.6	1.03	7.23	276	11	86.3	5.80
D140607		614	191.0	48.9	74.1	1	2520	9.4	4.65	96.5	1.33	2.80	98	5	108.0	7.77
D140608		971	319	92.9	114.5	2	3630	17.1	6.86	155.5	1.47	6.80	253	14	125.5	7.86
D140609		511	158.5	54.5	61.0	2	5010	27.9	4.14	92.1	1.11	10.95	181	8	86.8	6.60
D140610		2930	778	6.2	385	30	796	23.8	13.70	248	1.20	6.09	432	3	139.0	5.29
D140611		428	129.5	86.2	52.6	2	3610	14.1	3.70	58.5	0.93	8.14	302	8	79.2	4.72
D140612		323	93.6	142.0	43.9	2	3710	9.5	3.41	32.4	0.93	7.32	402	24	83.9	5.08
D140613		356	103.5	194.5	48.8	3	3300	10.1	3.73	50.0	1.03	8.48	363	7	91.2	5.38
D140614		423	123.0	196.0	57.0	3	2620	7.2	4.35	52.5	1.16	8.05	289	9	107.5	6.36
D140615		382	109.5	250	53.6	3	2280	5.6	4.32	50.8	1.19	6.80	411	8	109.0	6.06
D140616		472	144.0	186.0	58.1	1	2200	9.4	3.96	65.9	1.04	5.87	297	15	90.5	5.83
D140617		177.0	50.4	111.0	26.6	2	3570	6.9	2.16	28.6	0.66	3.02	272	15	58.8	4.10
D140618		591	165.5	192.5	85.0	4	2590	8.5	7.09	78.3	2.05	8.24	411	16	184.5	10.25



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
D140579		285	43.2	15.75	10.90	6.47	4.55	1.43	5.53	<0.002	1.27	0.18	1.26	0.17	0.22	8.13	
D140580		3	25.1	0.17	0.25	26.2	20.6	0.08	0.08	<0.002	0.01	0.06	0.01	0.01	0.02	27.4	
D140581		294	27.2	9.07	17.60	12.95	11.00	0.24	4.59	0.035	1.97	0.71	3.13	0.24	1.16	7.31	
D140582		339	32.4	10.10	18.50	13.55	7.88	0.94	3.13	0.032	2.33	0.57	2.58	0.27	0.40	6.82	
D140583		291	29.7	9.47	14.45	13.75	9.56	0.26	4.21	0.035	2.26	0.54	2.02	0.21	0.83	11.30	
D140584		362	31.5	10.80	15.40	11.65	8.24	0.26	4.97	0.035	2.63	0.49	2.71	0.23	0.67	10.80	
D140585		330	28.5	7.82	9.32	22.4	4.44	0.11	3.57	0.018	2.00	0.53	2.13	0.24	0.31	17.95	
D140586		259	34.2	10.45	9.58	16.10	4.40	0.13	4.59	0.020	2.73	0.47	0.90	0.16	0.24	15.60	
D140587		249	28.2	9.88	10.05	19.45	4.57	0.21	4.23	0.022	2.78	0.56	0.86	0.19	0.28	17.75	
D140588		257	30.6	11.05	12.80	13.65	6.88	0.47	4.47	0.037	2.94	0.45	1.60	0.24	0.42	14.10	
D140589		291	36.0	13.20	8.17	13.30	3.97	0.50	5.72	0.008	2.79	0.30	1.50	0.30	0.25	13.85	
D140590		144	41.9	10.85	24.4	5.93	2.10	1.87	4.21	0.006	0.88	0.32	0.17	0.01	0.94	6.21	
D140591		227	30.6	11.00	10.15	15.45	5.90	0.33	4.97	0.026	2.94	0.41	1.63	0.29	0.38	14.65	
D140592		193	30.5	10.35	10.60	16.15	6.10	0.58	4.13	0.020	2.51	0.34	4.38	0.34	0.41	12.85	
D140593		242	26.4	9.01	11.60	19.35	6.26	0.33	4.06	0.029	2.34	0.42	3.97	0.36	0.56	13.50	
D140594		287	47.6	16.30	6.70	8.19	2.24	1.70	5.98	<0.002	1.31	0.16	1.31	0.17	0.27	9.92	
D140595		248	24.6	6.67	13.15	19.25	7.02	0.29	3.95	0.066	1.80	0.65	1.81	0.22	0.51	15.95	
D140596		215	32.2	9.47	16.50	11.60	10.25	0.74	4.84	0.080	2.11	0.67	1.00	0.21	0.72	8.09	
D140597		334	32.4	7.57	17.35	12.65	10.80	0.83	3.93	0.060	2.03	0.68	1.16	0.25	0.76	7.26	
D140598		232	29.1	6.90	12.00	15.90	10.30	0.71	4.20	0.049	2.22	0.81	0.91	0.17	0.71	14.20	
D140599		212	30.6	8.71	13.55	17.80	11.00	0.61	3.16	0.058	1.80	0.53	3.33	0.43	0.54	6.33	
D140600		3	17.00	0.08	0.17	27.2	21.2	0.03	0.04	<0.002	0.01	0.06	0.02	0.01	0.04	32.7	
D140601		278	32.0	8.32	15.65	13.85	9.85	0.97	3.20	0.041	2.36	0.57	2.06	0.31	0.58	7.69	
D140602		401	36.0	8.36	10.05	16.50	9.15	1.79	2.62	0.028	1.97	0.51	0.99	0.33	0.36	8.45	
D140603		366	34.7	11.10	12.15	14.00	7.96	1.65	3.09	0.023	2.39	0.53	1.83	0.34	0.44	8.21	
D140604		325	36.7	12.55	13.35	13.65	7.53	1.62	2.86	0.020	2.13	0.63	2.04	0.45	0.25	6.34	
D140605		286	34.7	9.47	14.70	11.10	9.31	1.18	3.66	0.036	2.91	0.46	0.62	0.23	0.38	8.51	
D140606		257	36.2	11.80	12.85	12.00	8.27	1.78	3.30	0.023	3.03	0.50	1.51	0.30	0.34	7.61	
D140607		170	21.2	6.45	20.5	18.75	4.44	1.58	1.70	0.012	1.22	0.52	0.87	0.29	0.19	10.10	
D140608		234	35.4	11.90	11.65	14.25	7.54	2.01	2.92	0.015	3.03	0.49	2.35	0.41	0.31	7.29	
D140609		378	37.1	13.35	8.03	16.90	6.09	2.51	2.67	0.012	1.34	0.49	1.10	0.57	0.17	9.80	
D140610		659	28.8	11.35	48.9	1.80	1.84	0.24	0.15	0.084	3.05	0.13	1.15	0.09	0.12	1.15	
D140611		285	34.4	12.35	11.85	15.30	7.61	1.39	3.20	0.018	2.18	0.57	1.65	0.45	0.25	7.13	
D140612		329	30.6	8.71	14.30	16.80	11.55	0.47	3.33	0.068	2.87	0.49	2.02	0.42	0.66	6.60	
D140613		310	29.6	8.92	13.35	15.65	10.90	0.58	4.38	0.050	2.26	0.51	1.80	0.39	0.74	7.45	
D140614		370	31.0	8.25	13.80	14.20	11.55	0.76	4.55	0.071	2.85	0.59	1.84	0.33	0.67	7.17	
D140615		247	31.3	7.96	15.85	12.30	12.80	0.48	5.03	0.075	2.53	0.65	1.86	0.27	0.79	4.85	
D140616		235	32.6	9.98	13.10	12.75	9.95	1.01	4.57	0.038	2.60	0.51	1.59	0.26	0.64	6.64	
D140617		238	35.5	10.75	11.55	14.40	9.96	1.28	3.72	0.043	1.95	0.43	1.21	0.45	0.59	6.36	
D140618		300	28.5	7.87	17.25	13.75	12.25	0.42	4.39	0.056	2.72	0.72	2.58	0.31	1.16	5.96	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140579		99.06	<0.5	<5	<0.5	22	14	30	22	14	53	5	<10	45	0.005	
D140580		99.99	<0.5	<5	<0.5	<1	<1	30	<1	1	4	<1	<10	20	<0.005	
D140581		97.21	<0.5	10	0.7	50	82	20	5	187	27	19	<10	361	0.008	
D140582		99.50	<0.5	9	0.5	41	58	30	8	146	24	24	<10	343	0.005	
D140583		98.60	<0.5	8	1.4	73	111	40	6	228	37	21	<10	422	0.007	
D140584		100.39	<0.5	12	0.5	71	92	50	12	210	49	23	<10	199	0.009	
D140585		99.34	<0.5	16	1.0	55	230	50	111	158	36	21	<10	113	0.018	
D140586		99.57	<0.5	6	<0.5	36	31	50	11	84	12	16	<10	59	0.012	
D140587		99.03	<0.5	11	<0.5	53	48	60	200	152	22	17	<10	114	0.008	
D140588		99.71	<0.5	10	0.5	56	66	70	50	187	24	21	<10	165	0.007	
D140589		99.86	<0.5	11	<0.5	50	61	70	29	104	43	14	<10	72	0.008	
D140590		99.80	<0.5	162	<0.5	207	3010	20	61	82	7	17	<10	24	0.174	
D140591		98.73	<0.5	13	<0.5	65	53	70	25	149	37	18	<10	117	0.009	
D140592		99.26	<0.5	13	<0.5	67	54	60	9	172	24	16	<10	108	0.015	
D140593		98.19	<0.5	13	<0.5	53	46	60	9	129	23	16	<10	107	0.026	
D140594		101.85	<0.5	8	<0.5	25	22	20	10	16	17	6	<10	15	<0.005	
D140595		95.94	<0.5	9	<0.5	60	83	30	20	185	23	18	<10	139	0.005	
D140596		98.48	<0.5	7	0.5	54	83	40	12	241	31	20	<10	229	0.008	
D140597		97.73	<0.5	6	0.7	79	119	30	8	261	25	20	<10	246	0.005	
D140598		98.18	<0.5	5	<0.5	35	46	50	190	158	7	20	<10	211	<0.005	
D140599		98.45	<0.5	7	1.4	48	61	30	9	225	15	21	<10	364	0.007	
D140600		98.56	<0.5	<5	<0.5	<1	1	20	<1	<1	9	<1	<10	18	<0.005	
D140601		97.45	<0.5	5	0.6	87	133	80	67	236	14	22	<10	198	0.005	
D140602		97.11	<0.5	<5	2.7	55	68	50	31	130	11	27	<10	242	0.010	
D140603		98.41	<0.5	7	1.6	58	66	70	16	135	18	16	<10	282	0.008	
D140604		100.12	<0.5	5	0.9	41	42	70	10	79	20	14	<10	265	0.025	
D140605		97.27	<0.5	5	0.6	85	93	50	24	150	14	25	<10	170	0.006	
D140606		99.51	<0.5	<5	6.8	53	49	60	12	116	19	18	<10	751	0.007	
D140607		87.82	<0.5	5	4.2	151	230	50	46	293	19	15	<10	265	0.006	
D140608		99.57	<0.5	6	1.2	53	45	60	17	95	14	16	<10	213	0.006	
D140609		100.13	<0.5	6	0.9	26	33	80	24	54	22	10	<10	180	0.005	
D140610		98.85	<0.5	38	<0.5	23	62	10	48	157	116	48	<10	237	0.007	
D140611		98.35	<0.5	7	0.9	38	33	100	19	84	17	14	<10	263	0.005	
D140612		98.89	<0.5	20	1.0	56	88	40	25	179	21	23	<10	241	0.007	
D140613		96.58	<0.5	32	0.5	50	78	20	48	172	27	19	<10	199	0.006	
D140614		97.63	<0.5	18	0.6	52	45	30	18	156	11	22	<10	211	0.007	
D140615		96.75	<0.5	8	1.2	50	62	40	14	244	26	23	<10	297	0.005	
D140616		96.24	<0.5	17	2.0	50	62	70	36	163	19	17	<10	410	0.008	
D140617		98.19	<0.5	16	2.0	47	77	80	18	198	27	18	<10	460	0.008	
D140618		97.94	<0.5	11	<0.5	50	83	30	7	199	13	24	<10	172	0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D140619		2.24	2130	526	620	3.32	10.90	4.58	7.52	15.6	18.30	4.5	1.85	281	0.47	263
D140620		0.63	238	8.0	<10	0.38	0.17	0.10	0.09	0.4	0.22	0.1	0.04	5.1	0.02	2.3
D140621		2.42	5600	838	530	5.49	16.50	7.26	10.75	16.8	26.5	5.2	2.98	446	0.66	417
D140622		2.33	2630	2220	290	2.74	39.7	16.60	26.5	21.9	62.9	6.2	7.03	1125	1.31	784
D140623		2.33	4060	3430	530	3.40	50.9	20.8	35.5	27.4	81.7	5.7	8.76	1730	1.46	1715
D140624		2.38	3790	3240	410	3.68	40.9	16.15	30.6	23.5	68.8	5.4	6.90	1620	1.07	1920
D140625		<0.02	3670	3020	390	3.72	38.2	15.70	28.3	22.6	64.0	5.1	6.51	1520	1.06	1765
D140626		2.27	5670	2650	430	5.21	38.4	15.75	27.2	23.5	62.8	4.8	6.48	1350	1.09	1375
D140627		2.25	1720	1370	260	4.78	19.05	8.23	13.00	18.5	29.2	3.5	3.41	694	0.74	951
D140628		2.40	4030	1310	480	5.58	21.2	9.25	14.10	19.7	33.3	3.5	3.72	672	0.75	666
D140629		2.37	4560	1775	610	3.99	29.2	12.85	19.90	21.9	47.8	4.9	5.22	917	0.92	763
D140630		0.11	8990	89.8	50	0.82	3.67	2.40	1.23	19.2	3.79	3.6	0.77	91.9	0.32	7.8
D140631		2.30	6780	1275	540	5.04	24.8	11.40	15.90	17.5	38.2	5.4	4.48	741	0.96	289
D140632		2.45	3970	2750	380	3.81	33.9	14.00	24.4	24.8	55.8	5.6	5.76	1380	1.03	1685
D140633		1.77	2800	2700	490	3.31	29.6	12.15	22.4	23.4	47.9	6.1	4.99	1335	0.93	2100
D140634		2.38	3140	3190	520	3.16	35.9	14.85	26.9	23.4	60.6	6.1	6.22	1570	1.15	>2500
D140635		2.47	3190	3080	530	3.19	42.2	17.35	30.5	25.0	70.3	6.2	7.46	1525	1.29	1790
D140636		2.29	3290	3900	430	3.01	44.9	17.55	34.3	26.4	75.4	5.8	7.50	1885	1.28	>2500
D140637		2.45	4670	3640	400	4.40	39.2	16.20	30.9	28.0	67.9	6.4	6.58	1735	1.12	>2500
D140638		2.32	4330	3980	600	4.13	41.4	15.85	32.7	28.4	72.3	5.8	6.95	1905	1.20	>2500
D140639		2.40	2310	3370	740	2.48	31.7	12.70	25.9	23.7	55.5	6.1	5.34	1650	1.00	2460
D140640		1.09	108.0	13.3	<10	0.33	0.22	0.12	0.11	0.4	0.33	<0.1	0.05	7.0	0.01	9.7
D140641		2.35	4890	3350	290	3.85	37.0	14.60	28.6	21.4	61.5	5.4	6.21	1655	1.17	2400
D140642		2.19	2920	2820	440	3.30	29.1	11.55	22.3	21.3	49.1	7.5	4.92	1405	1.13	2240
D140643		2.34	4620	1695	530	4.14	24.9	10.40	16.65	21.3	38.4	8.4	4.27	873	0.94	1210
D140644		2.29	4780	3810	400	4.84	36.2	14.55	29.4	23.9	60.0	6.3	5.88	1955	1.02	>2500
D140645		2.34	3730	4530	370	4.11	33.2	12.60	29.9	24.3	57.3	7.6	5.37	2260	1.00	>2500
D140646		2.16	3420	1445	120	3.32	14.65	6.70	11.15	19.0	22.4	4.7	2.56	821	0.76	1265
D140647		2.07	2920	2940	480	3.40	23.9	9.57	19.65	18.3	39.5	4.8	3.85	1510	0.83	>2500
D140648		2.19	4710	4460	450	5.11	36.4	14.65	32.8	27.3	63.9	6.3	6.08	2270	0.98	>2500
D140649		2.14	3340	1625	110	3.21	25.4	11.00	16.50	19.5	39.5	3.6	4.35	861	0.90	810
D140650		0.06	1050	5030	590	0.39	49.7	11.75	76.2	53.5	154.5	12.7	6.42	3670	0.56	1440
D140651		2.09	3270	1855	120	3.07	27.9	12.50	18.60	19.5	45.5	3.5	5.06	959	0.91	987
D140652		2.03	1995	2850	270	1.98	30.2	12.25	22.7	17.9	52.1	2.6	5.23	1380	1.03	2440
D140653		2.29	4690	4070	430	4.23	53.1	21.9	37.8	25.8	87.7	3.6	9.03	1980	1.45	>2500
D140654		2.07	3210	5070	550	3.31	53.2	21.5	40.2	31.5	90.7	6.0	9.00	2490	1.31	>2500
D140655		2.24	2160	3820	440	2.25	44.7	18.65	33.3	23.0	76.4	5.0	7.67	1890	1.27	>2500
D140656		2.27	2310	2930	340	2.63	38.5	16.10	27.3	20.4	64.7	3.1	6.85	1450	1.08	2020
D140657		2.29	4870	3550	340	4.39	48.9	20.0	34.2	28.0	83.1	4.7	8.50	1765	1.24	2300
D140658		2.02	4870	3210	490	4.27	38.1	15.85	28.1	26.6	65.7	4.6	6.60	1610	1.08	2400



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140619		201	53.5	66.7	29.8	2	2490	10.7	2.29	30.9	0.57	4.34	287	31	50.4	3.04
D140620		2.7	0.72	1.3	0.28	<1	172.0	<0.1	0.04	0.40	0.02	0.51	7	<1	1.1	0.05
D140621		292	82.1	145.0	41.9	3	1620	13.0	3.32	42.7	0.89	5.71	355	11	81.1	4.79
D140622		781	230	76.9	108.0	3	3150	15.8	8.03	152.5	2.06	10.10	479	5	189.0	10.35
D140623		1150	353	141.5	148.0	4	4110	18.6	10.50	226	2.66	9.57	555	6	238	12.45
D140624		1045	328	154.5	129.0	2	3090	24.3	8.39	209	1.93	12.00	300	5	184.0	9.36
D140625		975	305	150.5	120.0	2	2930	22.1	8.00	194.0	1.82	11.50	281	5	173.5	9.00
D140626		868	271	215	111.0	3	3380	17.4	7.90	152.5	1.90	8.59	340	10	177.0	9.29
D140627		436	129.0	66.7	52.7	2	3080	11.1	3.79	100.0	1.03	7.63	263	6	87.7	5.42
D140628		437	126.5	137.5	57.6	3	3180	11.1	4.24	78.8	1.15	8.11	401	8	101.0	5.76
D140629		612	174.0	131.0	82.4	4	2810	11.0	6.06	93.5	1.52	5.74	475	10	144.0	7.79
D140630		25.0	7.39	113.0	4.56	6	107.5	0.4	0.60	9.74	0.32	17.30	306	44	22.3	2.21
D140631		426	121.0	146.0	60.9	3	2410	9.9	4.93	31.7	1.44	5.28	228	12	131.0	7.32
D140632		863	276	106.0	106.0	3	3040	18.7	6.90	150.0	1.64	7.84	456	8	151.5	8.28
D140633		832	273	104.0	96.5	2	3210	19.6	5.98	168.0	1.46	7.82	466	6	133.5	7.58
D140634		1005	321	102.5	117.0	3	3400	30.7	7.49	217	1.83	13.70	516	8	163.0	9.50
D140635		1015	314	103.5	127.5	4	3450	24.1	8.85	187.0	2.12	10.60	647	14	193.5	10.45
D140636		1250	396	106.5	149.5	4	3450	42.3	9.42	298	2.02	15.05	489	10	197.0	10.60
D140637		1160	371	169.0	134.5	3	2670	36.6	8.41	260	1.91	13.70	496	9	173.5	9.59
D140638		1255	401	150.5	145.0	3	2680	42.1	8.83	273	1.91	13.75	454	13	178.0	9.88
D140639		1030	336	78.8	114.5	2	2890	30.6	6.80	185.5	1.53	7.16	529	13	136.0	7.60
D140640		4.4	1.35	1.0	0.48	<1	125.5	<0.1	0.04	0.88	0.01	0.35	6	1	1.3	0.06
D140641		1050	336	139.0	122.5	1	6830	29.7	7.78	186.0	1.86	6.90	144	4	161.0	9.33
D140642		868	280	92.0	99.0	3	3170	31.8	5.99	178.5	1.54	6.16	406	8	130.0	7.77
D140643		545	161.0	130.5	69.9	5	2780	12.8	4.89	101.0	1.35	10.40	655	12	118.0	7.05
D140644		1170	377	153.0	128.0	3	3710	42.0	7.24	289	1.68	11.55	303	15	157.0	8.97
D140645		1345	448	117.5	137.0	2	3000	67.9	6.89	390	1.49	10.90	225	21	131.5	8.28
D140646		418	137.5	99.7	45.8	1	2890	30.9	2.79	104.5	0.82	5.98	114	21	71.1	5.19
D140647		860	285	117.5	88.1	1	1740	36.8	4.84	210	1.11	10.45	165	9	100.5	6.36
D140648		1335	444	187.5	138.0	2	3100	68.2	7.74	366	1.58	17.05	198	8	155.0	8.54
D140649		519	152.5	119.5	67.6	1	2780	15.0	4.97	81.0	1.40	12.20	129	3	118.5	8.02
D140650		2780	729	5.8	367	30	730	24.3	13.35	232	1.11	6.03	394	4	128.5	5.71
D140651		597	175.5	108.0	75.4	1	2740	15.0	5.68	98.3	1.51	11.80	131	4	127.0	8.54
D140652		880	287	71.4	100.0	1	1400	34.8	6.33	182.0	1.50	14.00	126	10	125.0	8.68
D140653		1350	410	156.5	161.0	1	2640	41.7	10.75	255	2.57	14.65	165	11	222	13.65
D140654		1650	497	110.5	175.5	3	2730	58.7	10.95	385	2.49	16.70	367	13	223	13.35
D140655		1195	381	76.8	141.5	1	2460	37.1	9.27	237	2.23	11.85	195	9	192.0	11.70
D140656		938	295	90.0	116.0	2	2020	24.1	8.20	178.0	1.92	12.25	244	7	167.5	10.25
D140657		1155	360	162.0	144.5	3	3650	28.2	9.97	226	2.29	10.40	345	8	208	12.45
D140658		1005	322	158.0	120.5	2	3310	30.9	7.83	203	1.85	9.25	410	13	165.0	10.45



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140619		242	29.8	7.15	13.25	17.75	13.60	0.31	2.27	0.084	2.72	0.35	1.84	0.30	0.23	8.18
D140620		3	24.6	0.10	0.29	27.0	20.3	0.06	0.04	<0.002	0.02	0.05	0.03	0.02	0.03	26.8
D140621		292	31.6	8.15	14.20	13.90	13.00	0.83	3.39	0.076	2.67	0.50	1.89	0.20	0.62	6.52
D140622		375	32.6	9.27	14.30	17.25	7.52	1.64	2.35	0.042	2.02	0.57	4.33	0.38	0.27	5.57
D140623		324	28.0	5.54	14.30	19.25	9.06	0.76	3.16	0.071	2.83	0.55	5.18	0.48	0.42	6.34
D140624		284	26.1	6.08	13.20	19.60	9.03	0.57	3.38	0.061	2.67	0.62	3.83	0.38	0.42	10.15
D140625		263	25.9	6.06	13.20	19.45	9.07	0.56	3.43	0.061	2.62	0.63	3.73	0.38	0.42	10.45
D140626		253	27.3	6.77	13.00	16.55	10.55	0.55	4.32	0.064	2.96	0.55	3.39	0.42	0.61	8.36
D140627		224	36.4	11.30	13.25	14.75	7.35	1.86	2.42	0.036	1.57	0.36	1.75	0.35	0.18	7.43
D140628		228	33.7	9.35	15.80	13.85	9.39	1.69	3.36	0.067	2.30	0.53	2.22	0.38	0.43	5.82
D140629		289	27.5	6.42	17.65	17.25	10.45	0.59	2.99	0.081	3.04	0.67	2.98	0.32	0.48	6.69
D140630		142	41.9	10.95	23.8	5.87	2.12	1.88	4.23	0.006	0.87	0.32	0.18	0.01	0.92	6.31
D140631		272	29.0	6.94	14.50	16.90	13.45	0.21	3.27	0.078	2.80	0.65	1.94	0.29	0.73	6.98
D140632		300	31.8	8.50	14.50	16.15	8.42	1.37	2.76	0.053	3.03	0.59	2.66	0.36	0.41	6.15
D140633		326	29.6	7.14	13.15	17.05	7.91	1.23	3.25	0.067	2.63	0.48	2.21	0.38	0.29	10.85
D140634		368	23.4	5.41	13.40	22.4	6.00	0.42	2.41	0.070	2.98	0.53	3.02	0.39	0.32	13.05
D140635		344	29.1	6.02	16.05	17.70	8.11	1.02	2.57	0.073	3.08	0.60	4.57	0.40	0.33	7.00
D140636		368	28.1	5.22	16.90	18.00	8.08	0.88	2.72	0.062	3.12	0.62	4.41	0.40	0.34	6.98
D140637		518	25.9	5.48	17.90	14.65	8.99	0.90	3.62	0.055	3.17	0.67	3.85	0.31	0.48	8.95
D140638		379	28.5	5.86	16.00	15.20	8.77	1.02	3.48	0.081	3.64	0.61	3.62	0.31	0.45	7.24
D140639		333	29.7	5.76	15.45	16.90	7.56	1.37	2.71	0.101	3.27	0.59	2.27	0.34	0.25	8.69
D140640		2	16.00	0.06	0.16	28.1	20.7	0.04	0.03	<0.002	0.01	0.05	0.04	0.01	0.01	33.6
D140641		337	25.5	4.00	11.10	23.8	8.42	0.61	2.51	0.040	2.11	0.48	2.85	0.80	0.50	9.40
D140642		425	33.1	5.36	12.70	18.65	9.44	1.27	2.40	0.064	2.58	0.65	2.21	0.37	0.30	6.37
D140643		494	29.3	6.97	18.75	16.00	8.91	1.04	3.22	0.071	3.30	0.80	2.07	0.33	0.47	7.57
D140644		334	26.7	6.18	13.65	17.45	8.16	1.09	3.27	0.057	3.19	0.54	2.39	0.41	0.48	8.92
D140645		402	30.3	5.60	13.90	17.40	8.62	1.57	2.74	0.054	3.38	0.53	1.40	0.33	0.38	7.83
D140646		268	35.9	13.75	8.01	13.60	6.75	2.69	3.09	0.019	0.95	0.39	0.48	0.33	0.35	9.86
D140647		240	18.65	5.66	13.80	20.9	7.70	0.37	2.46	0.069	2.17	0.57	0.88	0.19	0.30	19.35
D140648		339	25.0	7.51	10.50	17.90	7.67	0.55	3.97	0.068	3.39	0.49	2.32	0.36	0.51	13.95
D140649		221	31.6	10.90	11.00	16.70	6.42	0.67	3.43	0.018	0.82	0.37	2.52	0.33	0.35	12.15
D140650		610	27.9	11.20	49.7	1.82	1.77	0.24	0.15	0.084	3.00	0.13	1.09	0.09	0.12	1.13
D140651		220	26.7	10.30	12.25	20.2	5.36	0.94	3.02	0.018	0.85	0.38	2.47	0.32	0.32	13.25
D140652		171	14.60	4.06	11.45	30.9	4.11	0.18	1.58	0.038	1.70	0.71	1.87	0.16	0.21	23.0
D140653		228	17.65	5.19	12.40	24.2	7.17	0.17	2.99	0.065	2.62	0.63	4.87	0.33	0.50	15.15
D140654		350	23.5	6.23	13.30	21.1	5.27	0.26	2.57	0.075	3.51	0.48	4.21	0.31	0.32	14.35
D140655		253	16.30	5.29	21.7	17.85	5.71	0.32	1.85	0.065	2.41	0.75	4.14	0.30	0.24	17.30
D140656		188	14.55	4.40	21.1	20.3	6.00	0.23	2.16	0.050	2.09	0.92	3.59	0.24	0.25	20.0
D140657		266	23.9	7.50	13.20	19.75	7.47	0.64	3.72	0.050	2.97	0.52	4.66	0.45	0.52	11.90
D140658		268	21.9	6.16	14.10	20.6	6.80	0.28	3.27	0.068	2.88	0.62	3.27	0.39	0.49	14.65



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140619		97.83	<0.5	20	<0.5	58	72	50	8	281	20	20	<10	136	0.006	
D140620		99.34	<0.5	<5	<0.5	<1	1	20	<1	<1	2	<1	<10	18	<0.005	
D140621		97.55	<0.5	8	0.6	53	67	40	10	247	12	20	<10	182	0.006	
D140622		98.11	<0.5	8	<0.5	46	53	40	11	139	11	19	<10	154	0.005	
D140623		95.94	<0.5	8	0.5	54	53	30	24	151	6	19	<10	158	0.006	
D140624		96.09	<0.5	8	0.5	63	71	30	14	261	8	21	<10	173	0.005	
D140625		95.96	<0.5	9	<0.5	61	68	30	14	252	5	21	<10	171	<0.005	
D140626		95.39	<0.5	6	<0.5	56	54	30	20	239	6	21	<10	196	0.008	
D140627		99.01	<0.5	5	0.7	68	101	80	17	196	9	19	<10	136	0.007	
D140628		98.89	<0.5	9	0.9	51	73	50	10	230	10	18	<10	195	0.006	
D140629		97.11	<0.5	9	0.5	55	67	20	10	203	9	21	<10	172	0.005	
D140630		99.37	<0.5	163	0.5	213	3070	20	61	84	9	17	<10	24	0.175	
D140631		97.74	<0.5	11	0.6	50	69	30	5	255	13	22	<10	200	0.006	
D140632		96.75	<0.5	6	0.6	56	75	40	10	163	8	24	<10	184	0.005	
D140633		96.24	<0.5	8	0.5	44	39	50	13	112	<2	24	<10	159	0.005	
D140634		93.80	<0.5	8	<0.5	68	76	40	19	180	<2	20	<10	122	0.005	0.28
D140635		96.62	<0.5	7	0.5	58	64	30	19	132	10	21	<10	179	0.008	
D140636		95.83	<0.5	8	0.7	76	86	20	14	147	<2	21	<10	160	<0.005	0.30
D140637		94.93	<0.5	7	<0.5	81	108	20	12	154	<2	20	<10	231	<0.005	0.29
D140638		94.78	<0.5	5	<0.5	81	89	30	19	164	<2	21	<10	204	<0.005	0.32
D140639		94.96	<0.5	5	<0.5	67	76	40	39	183	7	24	<10	159	<0.005	
D140640		98.81	<0.5	<5	<0.5	1	<1	20	<1	<1	4	<1	<10	21	<0.005	
D140641		92.12	<0.5	5	0.7	79	110	30	15	243	13	18	<10	172	0.006	
D140642		95.46	<0.5	<5	0.6	48	48	30	31	117	<2	28	<10	183	<0.005	
D140643		98.80	<0.5	<5	0.5	44	39	30	22	106	6	26	<10	247	0.008	
D140644		92.49	<0.5	7	0.5	76	87	50	39	154	<2	23	<10	185	0.006	0.33
D140645		94.03	<0.5	9	0.5	97	120	50	31	196	<2	26	<10	167	0.008	0.47
D140646		96.17	<0.5	6	<0.5	32	32	80	35	71	4	14	<10	110	0.008	
D140647		93.07	<0.5	8	<0.5	48	55	50	37	117	<2	17	<10	127	0.005	0.27
D140648		94.19	<0.5	11	<0.5	72	56	60	19	140	<2	22	<10	178	<0.005	0.48
D140649		97.28	<0.5	6	<0.5	42	50	60	56	117	6	13	<10	113	0.008	
D140650		98.42	<0.5	36	<0.5	25	62	10	47	157	120	47	<10	231	0.006	
D140651		96.38	<0.5	16	0.5	38	37	50	22	115	6	14	<10	138	<0.005	
D140652		94.57	<0.5	8	<0.5	47	59	30	28	135	<2	12	<10	95	<0.005	
D140653		93.94	<0.5	11	<0.5	77	83	40	35	201	<2	17	<10	160	0.005	0.31
D140654		95.49	<0.5	9	<0.5	65	38	40	15	169	<2	22	<10	120	<0.005	0.43
D140655		94.23	<0.5	9	0.6	51	44	40	20	145	4	20	<10	262	0.005	0.29
D140656		95.88	<0.5	8	0.8	39	30	40	14	123	4	15	<10	399	<0.005	
D140657		97.25	<0.5	9	0.5	43	75	50	12	172	7	20	<10	239	<0.005	
D140658		95.48	<0.5	9	<0.5	56	71	40	36	202	2	19	<10	160	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D140659		2.35	3550	3270	660	4.04	50.9	21.0	34.7	27.1	84.6	4.8	8.88	1665	1.24	1730
D140660		0.64	196.5	24.0	<10	0.32	0.45	0.25	0.23	0.9	0.71	0.1	0.08	12.6	0.02	12.8
D140661		2.15	3560	3090	610	4.02	42.8	17.90	30.4	25.1	71.7	5.0	7.38	1550	1.16	2100
D140662		2.03	4160	2540	410	3.82	26.6	10.80	20.5	21.5	45.4	4.9	4.53	1240	0.88	>2500
D140663		2.06	5430	3270	680	5.40	33.8	14.00	26.2	24.6	58.8	5.6	5.88	1605	1.01	>2500
D140664		2.01	3170	2760	170	2.60	43.1	17.65	28.1	22.5	68.6	5.5	7.45	1485	1.24	846
D140665		2.13	2060	2510	170	2.28	33.1	13.90	23.1	20.0	54.2	5.8	5.76	1365	1.15	1120
D140666		2.24	7350	2540	350	6.54	36.4	15.25	24.9	25.3	59.7	3.3	6.36	1335	1.07	1390
D140667		2.87	4490	1945	270	4.07	21.7	8.73	16.10	24.2	37.9	4.3	3.67	1175	0.67	815
D140668		1.78	3540	2140	160	3.16	24.6	9.89	18.20	25.4	41.8	4.3	4.27	1200	0.78	853
D140669		2.29	5260	2500	170	4.07	38.2	15.85	24.8	24.7	61.9	3.2	6.59	1360	1.12	924
D140670		0.10	8810	86.9	50	0.76	3.66	2.37	1.17	19.1	4.00	3.4	0.77	87.9	0.33	7.9
D140671		2.29	5870	2590	450	5.08	31.5	13.05	23.2	26.3	54.9	4.5	5.70	1355	0.86	1550
D140672		2.35	6840	2670	560	5.86	35.8	14.65	24.4	27.5	60.9	3.9	6.15	1375	0.99	1315
D140673		2.37	8500	2210	440	6.14	41.2	17.60	25.1	24.7	64.0	4.8	7.19	1185	1.15	683
D140674		2.04	7320	3130	90	4.73	45.2	18.40	30.3	27.9	74.6	3.1	7.73	1795	1.26	783
D140675		<0.02	7850	2810	80	4.96	36.9	15.25	25.6	27.2	63.0	2.9	6.24	1650	1.06	877
D140676		2.00	7540	2080	330	6.84	26.0	11.25	18.15	24.7	43.0	4.4	4.61	1150	0.80	941
D140677		2.03	5080	2350	140	4.04	28.7	11.75	20.4	24.2	48.4	3.2	4.96	1330	0.93	744
D140678		2.50	4850	2490	170	3.85	26.0	10.90	19.25	24.3	43.7	4.6	4.46	1325	0.79	1010
D140679		2.29	3540	2760	170	3.42	22.2	8.72	19.45	25.0	40.2	4.8	3.73	1430	0.70	1075
D140680		0.53	467	16.1	<10	0.24	0.24	0.12	0.15	0.3	0.34	<0.1	0.04	8.6	0.01	5.4
D140681		2.33	3900	2200	180	3.31	21.2	8.16	17.25	23.2	36.9	4.5	3.63	1160	0.64	822
D140682		2.40	5680	849	270	6.19	17.55	7.74	11.10	15.5	28.5	4.2	3.15	505	0.75	298
D140683		2.37	2830	1745	170	2.67	16.40	6.44	13.55	21.7	28.8	4.5	2.77	997	0.62	533
D140684		1.42	4960	1765	230	2.98	25.2	11.70	17.80	19.2	41.6	4.3	4.57	1060	0.98	498
D140685		1.97	2970	525	280	3.48	11.45	4.71	7.94	13.7	19.20	4.5	2.02	276	0.63	397
D140686		1.49	9020	2660	270	7.20	55.3	24.2	34.4	21.5	89.3	3.5	9.83	1415	1.65	395
D140687		2.34	8630	2450	260	7.21	53.5	23.0	33.0	21.1	84.0	4.7	9.38	1255	1.61	352
D140688		2.48	>10000	2790	290	8.69	59.7	25.6	37.2	23.3	96.0	4.7	10.50	1420	1.58	494
D140689		2.46	5440	1690	280	4.46	30.5	14.50	19.15	18.6	47.7	4.5	5.56	963	1.20	383
D140690		0.06	1100	5190	600	0.44	47.4	11.00	77.7	52.7	147.5	14.0	6.17	3770	0.65	1465
D140691		2.36	5160	1655	310	3.89	27.8	13.90	17.65	17.5	42.0	4.6	5.28	975	1.37	484
D140692		1.98	5700	1740	250	4.30	29.0	14.55	18.95	18.1	45.5	4.3	5.40	1020	1.26	372
D140693		3.11	2720	1905	300	2.85	29.4	13.15	20.0	17.7	47.0	5.7	5.25	1015	1.13	602
D140694		2.51	3410	2130	270	3.03	34.6	15.40	23.5	21.0	56.5	5.4	6.16	1140	1.31	527
D140695		2.36	1635	437	290	2.33	9.76	3.88	6.75	14.8	16.65	4.9	1.68	214	0.40	317
D140696		2.31	1705	652	300	1.68	13.25	5.53	9.14	15.7	22.3	4.9	2.29	347	0.62	416
D140697		1.92	2100	725	310	1.40	13.35	5.97	9.56	15.2	22.7	4.7	2.37	393	0.59	419
D140698		3.08	3520	1250	300	2.38	23.4	10.25	15.80	17.8	37.4	4.6	4.16	678	0.89	351



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03	
D140659		1080	331	147.5	140.5	4	2690	26.0	10.45	215	2.54	10.20	511	11	222	12.60
D140660		8.0	2.29	4.4	0.93	<1	180.5	0.1	0.08	1.72	0.04	0.54	<5	<1	2.4	0.15
D140661		991	310	145.0	125.5	3	2590	31.8	8.76	201	2.14	11.95	458	11	191.0	11.60
D140662		778	248	143.5	90.0	1	3300	35.0	5.46	164.0	1.30	11.10	152	11	109.5	7.34
D140663		995	326	192.0	115.5	2	4930	34.9	7.06	208	1.70	12.10	403	8	143.5	9.18
D140664		879	276	113.5	115.0	1	3590	8.2	8.31	99.3	2.17	8.04	170	7	191.0	11.75
D140665		773	242	85.4	95.1	1	3240	14.4	6.73	97.0	1.69	7.80	174	7	144.0	9.83
D140666		810	253	258	104.0	1	3390	17.7	7.42	131.5	1.78	9.70	199	8	163.5	10.10
D140667		531	167.5	155.5	64.9	2	2410	8.1	4.64	78.9	1.03	5.34	288	16	88.9	6.16
D140668		615	191.0	106.0	73.9	2	3490	9.8	4.96	75.5	1.24	7.16	236	11	101.0	6.81
D140669		780	240	146.0	101.0	1	3470	10.6	7.79	129.5	1.88	7.68	207	14	168.0	10.30
D140670		24.1	6.99	106.0	4.25	5	103.0	0.4	0.66	9.14	0.36	17.60	282	49	21.1	2.19
D140671		792	254	244	97.1	2	2480	13.2	6.69	143.0	1.57	10.20	295	13	135.5	8.46
D140672		828	265	288	104.5	3	3400	10.1	7.30	115.0	1.73	6.60	449	8	157.0	9.19
D140673		737	211	265	103.5	3	2780	7.4	8.27	131.5	2.11	13.50	499	10	189.0	11.45
D140674		939	301	171.5	121.5	1	3260	6.0	9.35	164.5	2.23	7.77	291	17	198.5	11.75
D140675		810	266	177.5	104.0	1	3010	7.0	7.75	156.0	1.77	7.00	266	20	159.0	10.00
D140676		613	188.0	259	74.6	1	2270	9.1	5.32	97.9	1.41	9.09	294	13	114.5	7.90
D140677		680	210	147.0	84.9	1	3270	6.9	5.88	75.6	1.42	6.27	278	29	122.5	8.25
D140678		718	233	162.5	83.0	1	3340	7.6	5.38	78.9	1.36	8.44	287	5	109.5	7.16
D140679		776	263	121.0	85.2	2	3490	6.5	5.04	65.8	1.08	7.15	390	8	91.5	5.53
D140680		5.5	1.59	1.1	0.86	<1	128.5	<0.1	0.04	0.61	0.01	0.33	8	1	1.2	0.07
D140681		633	198.0	118.0	73.4	2	4330	5.5	4.51	48.7	0.98	6.69	402	7	89.8	5.25
D140682		288	81.7	139.5	43.6	2	3270	9.0	3.56	30.1	1.02	7.48	335	8	91.2	5.93
D140683		483	154.0	80.2	58.3	1	4300	6.3	3.65	34.9	0.83	9.25	257	9	67.0	4.41
D140684		515	157.0	112.0	69.2	2	3770	8.3	5.36	49.9	1.46	7.85	303	11	127.0	7.74
D140685		202	53.2	78.8	31.5	2	3320	11.0	2.31	30.8	0.68	12.55	279	10	54.5	4.05
D140686		949	281	234	140.0	3	4110	6.6	11.40	161.5	2.98	9.66	468	6	282	14.50
D140687		896	263	214	134.0	4	3010	6.5	10.90	132.5	2.77	12.45	396	3	256	13.95
D140688		1035	299	277	152.5	3	3020	8.4	12.55	194.5	3.14	15.00	604	3	296	14.60
D140689		549	160.5	131.5	76.3	3	2910	10.1	6.15	44.3	1.90	10.05	268	7	159.0	9.79
D140690		2850	753	6.0	380	30	757	23.7	12.90	239	1.10	5.76	404	3	131.0	5.14
D140691		513	152.5	112.5	68.9	2	2860	11.3	5.47	31.2	1.85	9.14	219	5	156.0	10.75
D140692		547	161.5	124.0	75.6	3	2390	8.5	5.98	43.4	1.93	7.18	233	5	159.5	10.10
D140693		619	182.5	77.5	81.7	3	3240	7.9	5.93	96.5	1.65	9.42	437	7	144.0	8.60
D140694		708	206	99.9	95.5	4	3400	7.6	7.15	100.5	1.88	10.15	512	4	168.0	9.90
D140695		172.5	45.2	67.9	27.1	2	1900	10.8	2.02	26.5	0.51	9.56	263	9	44.1	2.90
D140696		243	65.7	65.9	35.3	2	2170	12.8	2.72	30.2	0.73	13.75	271	7	62.2	4.17
D140697		261	71.8	66.7	38.0	2	1840	11.7	2.88	31.4	0.81	11.75	245	5	67.1	4.58
D140698		431	122.5	103.0	63.2	3	2560	10.2	4.79	44.3	1.36	9.92	248	4	118.0	7.33



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140659		301	27.1	5.22	15.15	17.65	6.72	0.28	3.19	0.095	3.23	0.58	4.94	0.33	0.38	11.30
D140660		6	9.80	0.56	0.25	29.6	20.3	0.22	0.22	<0.002	0.03	0.06	0.05	0.02	0.02	39.0
D140661		328	23.1	5.12	13.95	20.3	7.52	0.20	3.10	0.084	2.76	0.57	3.84	0.31	0.37	14.30
D140662		292	22.4	5.06	10.00	21.4	8.42	0.44	2.83	0.057	2.01	0.63	1.89	0.38	0.41	16.90
D140663		359	26.2	5.49	10.15	22.0	8.43	0.56	3.81	0.093	2.88	0.57	2.55	0.57	0.55	12.55
D140664		331	21.4	6.60	8.28	27.4	4.90	0.24	3.21	0.025	1.56	0.56	5.28	0.43	0.32	16.75
D140665		455	30.0	7.63	8.72	21.4	7.40	1.07	2.53	0.025	1.31	0.49	2.74	0.39	0.23	14.90
D140666		185	30.8	9.20	10.80	14.85	10.90	1.03	5.11	0.051	2.00	0.45	4.24	0.40	0.76	5.83
D140667		202	35.0	10.10	12.70	13.10	10.05	1.24	3.67	0.039	3.03	0.52	1.79	0.29	0.46	4.66
D140668		251	37.2	12.55	10.55	14.35	8.54	1.61	3.37	0.023	2.49	0.52	1.97	0.42	0.36	4.77
D140669		190	31.6	10.60	11.20	16.85	9.36	1.10	3.65	0.026	2.18	0.48	4.56	0.44	0.57	6.11
D140670		136	41.3	11.05	24.8	6.11	2.09	1.88	4.18	0.008	0.87	0.32	0.20	0.01	0.93	6.05
D140671		254	30.7	8.23	13.85	15.00	11.75	0.59	4.72	0.067	2.97	0.57	2.87	0.30	0.63	6.03
D140672		172	29.7	7.16	14.65	14.50	13.35	0.52	5.32	0.081	3.32	0.63	3.61	0.42	0.73	5.57
D140673		329	29.4	7.85	16.60	14.20	12.40	0.44	5.05	0.066	2.76	0.68	4.25	0.35	0.93	4.51
D140674		187	32.9	11.15	12.35	14.65	9.13	1.38	4.16	0.014	2.72	0.54	4.55	0.40	0.77	5.30
D140675		169	33.6	11.30	11.95	13.45	9.16	1.37	4.26	0.013	2.76	0.53	3.58	0.36	0.82	5.55
D140676		255	32.6	10.60	11.45	12.05	10.95	1.24	5.33	0.049	2.86	0.50	2.07	0.28	0.79	6.75
D140677		176	35.5	13.25	10.05	14.25	8.60	1.62	4.13	0.023	2.53	0.48	2.85	0.40	0.54	6.35
D140678		260	32.9	10.10	11.45	16.80	9.41	1.32	4.01	0.025	2.55	0.52	2.30	0.40	0.50	8.25
D140679		214	35.9	11.60	12.40	14.40	8.46	1.61	3.54	0.024	3.33	0.55	1.83	0.42	0.37	5.71
D140680		3	34.7	0.12	0.37	25.1	19.55	0.09	0.03	<0.002	0.02	0.06	0.03	0.02	0.05	21.0
D140681		204	34.8	11.15	14.45	15.05	9.16	1.53	3.33	0.028	3.10	0.63	2.05	0.56	0.42	5.04
D140682		253	30.1	8.65	14.25	18.35	11.70	0.37	4.01	0.038	2.00	0.48	2.40	0.39	0.60	6.82
D140683		204	37.8	12.35	9.76	15.05	8.45	1.64	3.05	0.024	2.83	0.41	1.26	0.51	0.29	5.83
D140684		210	33.6	9.57	13.35	15.75	10.80	0.85	3.28	0.033	2.64	0.62	1.99	0.45	0.52	4.72
D140685		239	28.9	7.91	11.65	24.1	11.00	0.13	2.35	0.040	1.81	0.28	2.38	0.39	0.30	8.61
D140686		223	26.8	7.25	13.95	18.10	11.35	0.63	4.69	0.039	1.87	0.65	5.28	0.51	0.95	6.83
D140687		292	27.5	7.77	12.45	17.55	10.50	0.67	4.39	0.037	1.75	0.67	4.05	0.36	0.91	9.44
D140688		284	28.3	8.27	15.95	14.15	12.45	0.77	5.48	0.044	2.26	0.73	5.41	0.39	1.20	3.99
D140689		259	30.6	8.76	14.25	17.90	12.10	0.67	3.16	0.039	1.90	0.67	2.46	0.34	0.56	5.07
D140690		622	28.7	11.30	48.7	1.75	1.83	0.20	0.15	0.083	3.14	0.12	1.15	0.09	0.12	1.09
D140691		268	30.2	8.33	12.80	19.75	11.95	0.79	3.01	0.044	1.90	0.74	2.21	0.34	0.53	6.96
D140692		248	29.6	8.61	15.35	17.60	11.40	0.79	3.06	0.037	1.78	0.84	2.45	0.31	0.60	5.98
D140693		356	31.8	8.29	14.05	18.30	8.65	1.78	2.37	0.044	1.89	0.70	3.04	0.41	0.28	6.82
D140694		338	32.3	8.56	15.75	16.25	9.09	1.21	2.71	0.039	2.33	0.84	3.90	0.41	0.35	4.82
D140695		282	32.3	9.22	12.60	20.6	12.30	0.73	2.31	0.042	2.01	0.26	2.21	0.23	0.17	4.28
D140696		290	31.3	8.77	12.80	21.9	12.25	0.60	1.80	0.043	2.07	0.32	2.58	0.26	0.18	5.09
D140697		281	30.9	8.57	13.05	21.1	12.65	0.62	1.87	0.046	1.98	0.34	2.39	0.23	0.23	4.71
D140698		282	31.4	8.96	14.90	18.05	11.95	0.66	2.78	0.041	2.04	0.53	2.31	0.30	0.36	4.08



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10	
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140659		96.17	<0.5	13	0.5	51	19	30	21	209	10	18	<10	181	<0.005	
D140660		100.13	<0.5	<5	<0.5	1	4	20	<1	1	4	<1	<10	14	<0.005	
D140661		95.52	<0.5	16	<0.5	74	69	40	16	266	7	21	<10	149	<0.005	
D140662		92.83	<0.5	15	6.2	54	67	40	13	112	<2	23	<10	1725	<0.005	0.26
D140663		96.40	<0.5	10	2.5	66	69	40	26	176	<2	22	<10	1160	0.005	0.28
D140664		96.96	<0.5	19	0.6	47	103	50	21	238	29	15	<10	139	<0.005	
D140665		98.84	<0.5	21	4.6	43	49	90	40	170	44	24	<10	1290	0.016	
D140666		96.42	<0.5	13	1.6	64	96	40	22	236	12	16	<10	341	<0.005	
D140667		96.65	<0.5	8	0.9	56	75	50	12	199	12	21	<10	274	0.005	
D140668		98.72	<0.5	10	0.8	48	67	50	14	143	12	18	<10	204	0.005	
D140669		98.73	<0.5	10	0.9	56	68	50	12	160	18	17	<10	207	0.006	
D140670		99.80	<0.5	167	<0.5	208	3080	20	60	82	7	18	<10	26	0.170	
D140671		98.28	<0.5	16	2.7	57	47	40	22	210	110	19	<10	739	0.006	
D140672		99.56	<0.5	13	0.8	48	34	40	16	203	12	20	<10	516	<0.005	
D140673		99.49	<0.5	12	1.0	51	64	30	11	235	17	21	<10	462	<0.005	
D140674		100.01	<0.5	11	1.0	63	97	90	16	189	28	15	<10	273	0.007	
D140675		98.70	<0.5	11	1.3	69	106	100	17	179	29	14	<10	269	0.005	
D140676		97.52	<0.5	10	0.9	54	65	90	31	197	23	18	<10	331	0.006	
D140677		100.57	<0.5	7	0.6	46	68	100	24	130	21	16	<10	203	0.006	
D140678		100.54	<0.5	18	0.9	51	54	80	14	153	30	19	<10	279	<0.005	
D140679		100.14	<0.5	9	0.7	55	68	70	17	160	24	19	<10	319	<0.005	
D140680		101.14	<0.5	<5	<0.5	1	2	30	<1	1	10	<1	<10	27	<0.005	
D140681		101.30	<0.5	7	0.8	60	95	40	11	182	8	20	<10	351	<0.005	
D140682		100.16	<0.5	11	0.6	52	97	30	10	211	19	21	<10	325	<0.005	
D140683		99.25	<0.5	<5	0.5	47	70	70	20	147	16	18	<10	161	<0.005	
D140684		98.17	<0.5	9	1.0	59	104	60	13	189	17	24	<10	253	<0.005	
D140685		99.85	<0.5	12	<0.5	51	81	20	10	220	14	21	<10	152	0.006	
D140686		98.90	<0.5	15	0.7	45	74	30	32	249	24	17	<10	531	<0.005	
D140687		98.05	<0.5	15	0.5	39	51	40	32	216	18	23	<10	359	0.007	
D140688		99.39	<0.5	11	0.7	45	67	40	20	294	21	18	<10	434	0.005	
D140689		98.48	<0.5	9	0.9	51	73	20	7	226	24	22	<10	295	<0.005	
D140690		98.42	<0.5	47	<0.5	28	68	10	47	164	114	51	<10	252	0.006	
D140691		99.55	<0.5	9	1.3	52	67	20	5	240	67	21	<10	284	0.009	
D140692		98.41	<0.5	16	1.0	57	114	30	7	252	53	23	<10	305	0.009	
D140693		98.42	<0.5	10	0.8	46	98	60	14	221	18	28	<10	361	0.005	
D140694		98.56	<0.5	10	0.9	47	70	50	13	197	21	24	<10	442	0.006	
D140695		99.26	<0.5	7	0.6	55	109	10	45	230	20	23	<10	160	0.008	
D140696		99.96	<0.5	<5	0.5	52	89	20	14	213	30	20	<10	148	<0.005	
D140697		98.69	<0.5	5	0.8	54	82	20	10	245	46	22	<10	256	0.005	
D140698		98.36	<0.5	<5	0.7	52	85	20	6	236	21	21	<10	274	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - A
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	
D140699		3.08	3180	876	300	2.89	17.90	8.05	11.70	16.6	28.5	4.6	3.10	470	0.73	322
D140700		0.61	784	8.4	<10	0.54	0.18	0.16	0.09	0.3	0.30	<0.1	0.04	4.4	0.02	2.6
D140701		1.81	5840	2280	290	4.39	42.8	18.80	27.6	22.1	67.8	5.1	7.65	1205	1.47	431
D140702		2.22	2460	1535	240	2.91	22.5	9.58	15.70	19.7	35.1	5.6	3.91	826	0.92	497
D140703		2.46	2250	1210	110	3.15	18.40	7.89	13.40	20.0	30.0	4.2	3.10	663	0.68	482
D140704		1.73	3230	2840	30	3.22	54.5	23.8	35.2	21.1	88.5	2.9	9.53	1540	1.77	288
D140705		3.02	1980	1345	110	3.52	16.10	6.13	12.75	19.3	28.0	4.3	2.71	791	0.57	473
D140706		2.46	2010	1800	140	2.64	21.0	7.94	16.50	19.8	35.9	3.4	3.37	1015	0.83	899
D140707		2.23	2430	3400	170	2.89	44.1	18.00	33.0	25.1	76.1	5.9	7.65	1850	1.30	1020



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - B
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd ppm	Pr ppm	Rb ppm	Sm ppm	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Th ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm
		0.1	0.02	0.2	0.03	1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03	
D140699		318	87.7	104.5	47.2	3	2480	9.4	3.55	42.5	0.99	8.53	265	9	87.6	5.90
D140700		3.1	0.87	1.4	0.49	<1	145.0	<0.1	0.04	0.55	0.01	0.73	10	<1	1.3	0.07
D140701		774	232	158.0	109.0	6	2870	7.3	8.62	96.8	2.38	9.08	434	3	210	12.10
D140702		475	142.0	91.4	61.4	2	3130	6.3	4.72	64.4	1.23	7.08	419	4	104.5	6.89
D140703		384	113.0	104.0	51.9	4	2510	6.1	3.81	55.7	1.02	5.19	498	11	84.3	5.37
D140704		967	292	102.0	138.0	3	5400	4.3	11.35	143.0	2.94	7.23	487	5	281	14.55
D140705		387	120.0	89.7	49.8	1	2730	5.3	3.48	46.7	0.77	4.64	336	8	66.7	4.44
D140706		506	159.5	76.2	64.0	2	2240	6.1	4.63	79.0	0.96	3.89	370	6	79.8	5.25
D140707		1045	331	108.0	134.0	1	3030	7.3	9.28	157.5	2.22	13.40	265	16	197.0	10.75



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - C
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
		ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140699		283	31.6	8.96	15.10	17.70	11.55	0.68	2.98	0.044	2.16	0.51	2.23	0.30	0.33	4.71
D140700		3	12.10	0.10	0.23	28.4	21.7	0.01	0.04	<0.002	0.02	0.06	0.02	0.02	0.08	37.1
D140701		315	29.8	8.87	20.0	13.80	10.75	0.75	3.53	0.042	2.34	0.97	3.19	0.36	0.60	4.00
D140702		344	33.2	9.18	16.80	15.70	7.82	1.48	2.62	0.035	2.08	0.67	2.17	0.39	0.26	5.43
D140703		226	33.0	10.95	16.05	13.30	7.84	1.45	3.22	0.016	3.01	0.63	2.18	0.30	0.24	6.07
D140704		214	23.9	7.57	14.75	22.0	6.14	1.17	2.69	0.004	2.02	0.65	7.03	0.65	0.32	6.61
D140705		230	35.1	11.60	16.50	11.65	6.51	1.83	2.97	0.017	2.70	0.48	1.22	0.35	0.22	6.76
D140706		194	34.4	10.85	19.25	10.10	6.14	1.63	2.89	0.020	2.76	0.46	1.00	0.27	0.21	9.36
D140707		382	29.8	9.38	12.30	16.00	6.91	1.77	3.05	0.025	2.77	0.44	4.86	0.39	0.26	10.20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 8 - D
 Total # Pages: 8 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10	
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140699		98.85	<0.5	5	0.7	50	82	20	40	217	21	21	<10	272	0.005	
D140700		99.88	<0.5	<5	<0.5	<1	1	20	<1	2	2	<1	<10	20	<0.005	
D140701		99.00	<0.5	7	1.0	43	50	40	5	215	18	20	<10	503	<0.005	
D140702		97.84	<0.5	8	1.6	71	118	50	11	223	19	19	<10	317	0.005	
D140703		98.26	<0.5	10	1.0	44	60	70	14	104	16	18	<10	345	<0.005	
D140704		95.50	<0.5	12	1.8	48	77	30	13	138	26	14	<10	353	<0.005	
D140705		97.91	<0.5	7	1.0	84	96	60	15	138	23	17	<10	195	0.008	
D140706		99.34	<0.5	6	1.5	140	167	70	16	215	35	19	<10	144	0.008	
D140707		98.16	<0.5	28	1.2	59	75	60	18	147	27	21	<10	158	0.012	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 – 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 2-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21283768
--

	CERTIFICATE COMMENTS												
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>NSS is non-sufficient sample. ALL METHODS</p>												
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Au-AA23</td> <td style="width: 25%;">ME-4ACD81</td> <td style="width: 25%;">ME-ICP06</td> <td style="width: 25%;">ME-MS81</td> </tr> <tr> <td>ME-XRF10</td> <td>Nb-XRF10</td> <td>OA-GRA05</td> <td>OA-GRA06</td> </tr> <tr> <td>TOT-ICP06</td> <td></td> <td></td> <td></td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81	ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06	TOT-ICP06			
Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81										
ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06										
TOT-ICP06													
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 – 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">CRU-31</td> <td style="width: 25%;">CRU-QC</td> <td style="width: 25%;">LOG-21</td> <td style="width: 25%;">LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 – 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 7 (A – D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

CERTIFICATE TM21290092

Project: HK

This report is for 202 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 25-OCT-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package – ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
Nb-XRF10	Fusion XRF – Nb Ore Grade	
ME-XRF10	Fusion XRF – Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D140885		1.98	8030	1160	50	2.29	31.2	15.60	16.25	17.7	39.9	1.5	5.76	689	1.31	344
D140886		1.99	5230	1025	50	5.01	31.4	17.05	13.65	17.8	37.8	1.9	6.22	625	1.66	557
D140887		2.17	4770	1005	50	4.27	26.4	14.65	11.60	17.8	31.6	1.9	5.24	633	1.44	443
D140888		2.26	4250	1465	130	4.37	19.65	9.77	11.50	19.2	27.9	3.1	3.75	906	0.93	627
D140889		2.10	9480	1115	60	2.41	24.4	12.35	11.45	16.9	29.5	1.9	4.75	732	1.12	361
D140890		0.02	1040	5130	620	0.41	48.6	11.70	75.2	52.0	161.5	13.0	6.32	3770	0.58	1510
D140891		2.16	6030	1085	80	3.19	22.3	11.85	10.80	18.8	29.8	3.2	4.42	674	1.20	401
D140892		2.11	6580	1185	70	1.29	16.15	7.66	9.70	21.5	25.9	2.8	2.97	674	0.78	284
D140924		2.99	4120	3490	180	4.27	57.2	27.3	31.4	24.5	82.9	3.5	10.70	2220	1.83	634
D140925		<0.02	4230	3390	180	4.51	55.0	26.5	30.4	24.6	82.0	3.5	10.45	2160	1.77	657
D140926		1.53	8100	1955	50	5.35	30.0	15.20	15.70	20.7	41.8	2.3	5.82	1315	1.47	392
D140927		2.21	7000	2980	500	8.68	48.6	22.1	26.2	24.3	68.6	3.7	9.02	1785	1.53	966
D140928		2.33	5870	3310	790	8.18	36.6	17.40	20.9	26.8	53.4	3.7	6.73	2170	1.16	1100
D140929		2.21	5810	3780	790	9.92	49.9	23.1	27.3	28.7	71.4	3.0	9.31	2460	1.26	785
D140930		0.06	1045	5180	620	0.42	49.5	11.80	75.8	52.8	157.0	13.1	6.48	3800	0.60	1520
D140931		2.24	4580	3650	910	9.29	61.5	28.8	33.8	25.5	92.2	4.4	11.70	2250	1.58	629
D140932		2.29	6120	3490	760	11.70	70.4	36.0	36.0	25.0	95.7	4.5	13.75	2050	2.47	651
D140933		1.90	7860	1550	60	3.76	22.6	11.15	12.50	19.7	32.2	2.0	4.30	1020	1.13	369
D140961		2.28	1430	5610	440	2.34	58.3	25.9	40.6	33.5	96.1	4.2	10.45	3240	1.95	1355
D140962		2.41	3070	5750	110	3.77	86.7	38.9	52.0	31.3	132.0	4.1	15.90	3420	2.21	1260
D140963		2.48	5310	8520	200	6.11	135.5	62.5	78.4	43.5	205	5.8	24.7	5030	3.15	2130
D140964		2.27	7310	2970	50	4.00	42.7	21.4	23.8	25.2	62.8	4.3	8.13	1970	1.59	580
D140965		2.20	5510	1930	120	5.46	30.9	15.65	16.60	23.3	44.7	6.4	5.92	1215	1.40	418
D140966		2.61	5010	1600	50	5.66	28.3	13.00	16.55	25.8	44.1	2.7	5.17	1030	1.21	806
D140967		2.42	4780	2520	50	6.12	46.6	22.9	24.8	27.6	66.7	13.4	8.53	1660	1.99	1760
D140968		2.27	5600	2030	50	3.44	48.9	25.4	30.5	27.7	84.0	87.1	8.68	1255	4.57	>2500
D140969		2.34	4630	3010	220	5.05	47.2	22.2	26.0	24.6	70.6	5.5	8.69	1975	1.68	408
D140970		0.02	1040	5140	620	0.43	48.8	11.45	75.5	52.3	155.0	13.4	6.32	3780	0.62	1500
D140971		2.22	3680	1380	40	3.19	24.0	12.15	12.60	19.5	33.7	3.1	4.66	884	1.30	223
D140972		2.19	4280	4820	170	3.73	78.2	36.4	43.5	29.5	114.0	5.7	14.25	3020	2.14	958
D140973		2.30	4810	2750	70	2.51	43.5	21.0	24.0	22.4	62.5	3.6	8.08	1715	1.71	475
D140974		2.17	7650	1555	20	2.06	22.1	11.30	11.85	20.5	30.9	2.7	4.47	1070	1.10	168.5
D140975		<0.02	6990	1650	20	2.10	23.1	12.30	12.45	20.4	33.1	2.2	4.57	1130	1.13	166.5
D140976		2.06	3490	1590	30	4.24	25.7	14.10	13.30	20.5	33.4	3.2	5.15	1070	1.17	458
D140977		1.93	1640	1145	10	5.37	18.40	9.83	9.60	17.9	25.2	3.0	3.70	789	0.94	470
D140978		1.51	1565	948	10	4.27	12.10	6.73	6.93	17.2	17.10	3.0	2.40	670	0.64	410
D140979		2.50	1705	1145	10	4.16	23.6	12.55	11.00	19.6	29.3	3.3	4.61	812	1.17	451
D140980		0.44	21.7	6.6	<10	0.05	0.29	0.20	0.08	0.2	0.33	<0.1	0.06	5.0	0.03	2.6
D140981		2.14	2030	1315	10	4.53	21.4	11.20	11.05	18.9	28.3	3.2	4.13	904	1.09	635
D140982		2.16	3070	1630	10	6.79	25.3	12.55	13.40	22.4	33.4	3.8	4.89	1105	1.16	887



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140885		390	111.0	139.5	59.4	1	3000	15.3	5.66	69.4	2.14	15.15	106	11	206	10.80
D140886		327	95.2	249	49.4	1	3990	14.3	5.40	121.0	2.30	17.90	139	14	192.5	13.10
D140887		307	91.8	174.5	44.3	1	4520	15.5	4.63	79.8	1.96	13.00	165	14	167.5	11.35
D140888		397	126.0	144.5	46.4	2	5270	11.2	3.75	62.0	1.29	7.49	195	12	109.5	7.34
D140889		337	100.5	170.0	46.1	1	5050	16.6	4.30	79.7	1.64	12.85	127	16	155.5	9.17
D140890		2830	747	6.1	376	31	766	25.5	13.70	238	1.10	5.81	421	3	132.0	5.38
D140891		330	98.6	167.0	44.2	1	4890	13.9	4.02	71.1	1.65	12.00	141	12	137.0	9.47
D140892		343	106.5	115.5	40.9	1	3720	13.9	3.21	64.8	1.04	13.05	113	17	101.5	5.73
D140924		983	320	162.5	128.5	1	8020	18.9	11.20	140.5	3.41	74.3	181	9	325	17.65
D140925		953	312	169.0	124.5	1	8110	21.2	10.80	129.5	3.34	82.9	177	9	321	16.75
D140926		510	163.0	113.0	63.4	1	6780	10.7	5.62	86.6	2.01	12.85	186	11	172.0	11.70
D140927		854	282	244	108.5	1	6310	18.0	9.17	117.0	2.82	16.50	168	7	254	14.10
D140928		805	285	297	90.6	1	4040	15.7	6.99	82.0	2.16	23.2	160	10	200.0	11.05
D140929		969	332	329	117.0	2	3680	9.6	9.53	89.9	2.90	15.40	184	11	270	13.65
D140930		2870	753	6.0	384	32	768	25.7	13.55	240	1.16	5.90	408	4	133.5	5.41
D140931		1050	339	314	140.0	3	2890	10.2	11.70	105.5	3.47	12.40	231	12	358	16.95
D140932		1060	335	322	145.0	2	3130	10.7	13.20	115.0	4.55	14.45	186	12	412	23.5
D140933		408	128.0	162.0	51.5	1	1790	14.0	4.28	61.6	1.62	7.08	175	17	131.0	8.94
D140961		1645	524	57.6	175.0	2	8180	10.9	11.70	71.8	3.25	12.30	138	6	351	17.55
D140962		1795	548	101.0	213	1	7860	20.3	16.80	163.0	4.63	15.40	140	8	455	22.4
D140963		2660	798	204	321	2	7680	41.5	26.3	245	7.46	30.3	188	13	710	34.1
D140964		788	256	107.5	98.4	1	6730	9.9	8.22	94.5	2.62	13.55	133	13	246	14.15
D140965		536	167.5	175.0	69.0	2	5070	3.2	5.95	65.7	2.06	6.31	184	10	172.0	11.45
D140966		443	137.5	163.0	62.4	2	3290	3.5	5.91	122.0	1.63	9.59	317	11	145.0	10.15
D140967		697	216	156.5	94.8	2	7030	9.1	9.11	178.5	2.93	19.40	269	15	238	16.80
D140968		586	179.0	117.5	98.2	3	3920	7.5	10.45	394	4.18	16.95	346	23	248	30.4
D140969		821	273	151.0	106.5	1	6800	5.1	9.19	95.2	2.75	8.40	217	7	245	14.30
D140970		2870	752	6.2	379	32	761	25.8	13.15	239	1.10	5.82	410	5	132.5	5.47
D140971		387	119.0	124.0	51.8	2	4990	1.5	4.42	43.8	1.63	6.17	212	6	135.5	9.87
D140972		1370	448	135.0	179.5	2	9040	20.3	14.80	159.0	4.27	22.7	188	8	418	21.5
D140973		769	239	98.9	96.8	2	5640	8.5	8.40	84.2	2.61	8.81	200	8	234	14.55
D140974		402	129.5	93.0	48.7	1	7070	1.2	4.20	74.0	1.56	4.54	110	15	135.0	9.20
D140975		421	136.5	86.3	51.3	1	7130	0.9	4.40	77.6	1.64	4.60	101	15	144.0	9.43
D140976		411	131.5	93.7	50.7	2	5220	16.5	4.72	70.6	1.82	15.35	138	8	154.5	10.85
D140977		301	94.6	109.0	38.6	1	3610	18.2	3.36	56.0	1.31	18.55	120	8	113.0	7.73
D140978		232	75.6	96.5	27.8	1	3370	17.3	2.23	41.8	0.92	18.65	108	9	78.8	5.21
D140979		307	100.5	83.8	40.1	2	4570	17.8	4.10	72.6	1.72	23.6	119	7	141.0	9.47
D140980		2.4	0.70	0.7	0.34	<1	95.2	0.1	0.04	0.42	0.03	0.27	<5	<1	2.7	0.21
D140981		348	116.0	87.9	43.5	2	4460	18.9	3.92	63.3	1.49	17.80	124	8	123.0	8.42
D140982		422	143.5	123.0	52.3	2	4290	24.5	4.86	67.7	1.71	19.55	140	8	139.0	8.71



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D140885		94	47.5	14.85	4.62	9.74	3.56	1.70	7.74	0.007	0.43	0.29	0.89	0.36	0.84	7.30
D140886		128	46.7	14.05	5.49	11.40	3.68	1.41	7.70	0.008	0.56	0.42	0.94	0.47	0.57	4.95
D140887		116	46.8	14.15	5.77	12.10	3.78	2.08	6.80	0.009	0.51	0.43	1.05	0.53	0.51	4.11
D140888		159	40.1	11.95	8.44	14.50	6.33	1.78	4.66	0.019	1.00	0.50	1.34	0.61	0.46	5.23
D140889		121	46.0	13.65	6.01	10.90	4.06	1.41	7.66	0.010	0.49	0.35	1.38	0.60	1.05	5.23
D140890		620	28.6	11.25	49.5	1.79	1.78	0.24	0.17	0.086	3.07	0.13	1.14	0.10	0.12	1.10
D140891		201	44.9	13.00	6.14	12.65	4.80	1.69	6.64	0.013	0.67	0.39	1.34	0.58	0.66	4.90
D140892		172	50.3	14.65	5.16	9.82	3.15	2.56	6.92	0.012	0.47	0.33	0.60	0.45	0.74	4.19
D140924		304	24.8	6.14	8.31	24.6	7.17	0.94	3.49	0.027	0.85	0.61	4.00	0.96	0.45	14.75
D140925		313	24.5	6.30	8.11	24.3	7.08	0.96	3.63	0.028	0.88	0.61	3.90	0.96	0.46	14.90
D140926		166	39.4	11.55	6.90	16.40	6.25	2.13	3.22	0.009	0.45	0.63	1.53	0.80	0.88	7.21
D140927		281	30.9	8.64	9.11	16.05	9.80	0.99	4.79	0.070	1.45	0.51	3.03	0.75	0.74	8.27
D140928		267	25.1	6.11	12.75	16.95	11.15	0.09	5.31	0.106	1.82	0.63	1.90	0.48	0.63	12.90
D140929		216	26.5	6.45	13.45	15.65	11.10	0.07	5.61	0.108	1.94	0.64	3.32	0.44	0.63	10.45
D140930		627	28.2	11.10	48.9	1.76	1.76	0.24	0.20	0.085	3.03	0.13	1.13	0.09	0.12	1.15
D140931		358	28.9	5.94	14.95	15.30	10.85	0.09	5.20	0.126	1.97	0.47	3.98	0.35	0.50	9.43
D140932		365	32.1	6.32	12.60	14.80	10.20	0.12	5.12	0.108	1.74	0.41	5.34	0.38	0.69	7.42
D140933		123	43.0	14.45	7.60	9.76	3.40	1.12	6.99	0.009	0.60	0.14	0.83	0.22	0.90	10.35
D140961		233	36.8	10.90	6.91	20.4	5.58	2.33	1.64	0.063	2.09	0.37	0.74	0.99	0.16	6.63
D140962		240	31.9	8.66	8.12	22.1	5.23	1.35	2.90	0.017	1.33	0.41	6.67	0.94	0.33	5.98
D140963		453	20.7	4.95	13.25	22.9	7.89	0.16	3.78	0.030	2.75	0.53	9.74	0.92	0.58	6.22
D140964		285	40.0	12.05	6.37	15.25	5.34	2.52	3.91	0.009	0.79	0.52	2.64	0.80	0.80	7.24
D140965		667	43.1	11.60	6.83	13.90	6.63	1.94	5.03	0.017	0.62	0.49	2.02	0.60	0.60	5.06
D140966		197	42.9	11.60	8.81	13.50	5.31	1.80	4.96	0.008	0.77	0.46	1.03	0.40	0.54	5.79
D140967		1340	35.0	10.30	10.65	18.20	6.02	1.49	3.24	0.009	1.17	0.48	2.74	0.84	0.53	5.75
D140968		8680	39.5	11.50	8.33	14.00	4.07	1.93	4.48	0.009	1.83	0.40	0.75	0.47	0.61	6.95
D140969		384	34.7	9.35	8.81	18.45	8.51	1.46	3.41	0.032	0.84	0.53	3.71	0.82	0.50	5.25
D140970		629	28.3	11.15	50.3	1.81	1.81	0.24	0.18	0.088	2.96	0.13	1.16	0.10	0.12	1.16
D140971		191	43.7	11.45	7.07	17.85	6.57	2.54	3.41	0.007	0.34	0.59	1.56	0.62	0.41	4.46
D140972		449	32.2	8.11	9.72	23.3	6.97	1.71	3.31	0.027	1.82	0.57	5.55	1.15	0.49	6.92
D140973		220	42.9	10.30	6.83	17.80	6.60	2.20	3.78	0.011	0.74	0.54	3.49	0.70	0.54	4.83
D140974		164	45.1	12.20	5.11	14.75	6.11	2.69	4.32	0.005	0.22	0.56	1.44	0.89	0.86	7.01
D140975		123	43.6	12.45	4.95	14.90	6.32	2.72	3.86	0.005	0.24	0.59	1.57	0.87	0.81	7.68
D140976		278	41.3	16.10	8.87	14.05	5.66	2.30	3.54	0.006	0.90	0.50	1.35	0.65	0.40	6.27
D140977		297	36.2	15.90	9.29	13.30	6.60	2.08	3.58	0.003	0.95	0.39	1.30	0.44	0.19	8.73
D140978		283	35.1	15.25	9.15	16.30	4.79	2.26	3.46	0.003	0.93	0.38	1.01	0.41	0.18	10.35
D140979		328	38.9	16.70	9.82	14.20	4.66	2.28	3.14	<0.002	1.03	0.46	1.12	0.52	0.19	6.43
D140980		3	11.65	0.17	0.20	49.3	2.67	0.04	0.02	<0.002	0.01	0.01	0.02	0.01	<0.01	37.5
D140981		295	39.2	16.40	8.78	14.40	6.11	2.08	3.12	<0.002	0.86	0.54	1.09	0.52	0.23	7.16
D140982		341	38.5	16.70	8.90	13.50	6.06	1.84	3.71	<0.002	0.92	0.44	1.18	0.49	0.33	8.80



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 2 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140885		99.83	<0.5	26	<0.5	13	23	130	40	35	35	5	<10	93	0.007	
D140886		98.35	<0.5	20	0.7	14	16	120	38	32	76	7	<10	149	<0.005	
D140887		98.63	<0.5	22	0.7	15	21	110	36	33	71	7	<10	151	<0.005	
D140888		96.92	<0.5	19	1.1	34	61	130	29	96	77	12	<10	220	<0.005	
D140889		98.80	<0.5	29	0.8	20	28	160	43	43	112	6	<10	200	0.008	
D140890		99.08	<0.5	37	<0.5	24	63	10	48	160	119	48	<10	236	0.008	
D140891		98.37	<0.5	23	0.6	18	34	160	33	47	76	8	<10	161	0.006	
D140892		99.35	<0.5	22	<0.5	14	20	110	46	33	61	6	<10	144	0.007	
D140924		97.10	<0.5	31	2.8	38	42	140	20	97	221	10	<10	665	<0.005	
D140925		96.62	<0.5	32	2.9	35	39	130	19	95	229	9	<10	723	0.007	
D140926		97.36	<0.5	18	0.7	20	30	170	69	52	105	11	<10	203	<0.005	
D140927		95.10	<0.5	23	0.5	50	68	200	30	156	29	16	<10	236	<0.005	
D140928		95.93	<0.5	28	<0.5	96	141	290	13	354	19	17	<10	250	<0.005	
D140929		96.36	<0.5	25	0.9	64	53	320	5	295	34	13	<10	343	<0.005	
D140930		97.91	<0.5	34	<0.5	23	61	10	47	155	116	47	<10	230	0.008	
D140931		98.06	<0.5	16	1.0	23	20	200	4	346	40	19	<10	370	<0.005	
D140932		97.35	<0.5	18	0.6	24	23	160	4	265	25	17	<10	328	<0.005	
D140933		99.37	<0.5	17	<0.5	11	13	110	15	50	13	6	<10	49	0.005	
D140961		95.60	<0.5	16	1.0	50	71	190	18	324	28	18	<10	119	<0.005	
D140962		95.94	<0.5	45	0.9	44	92	170	22	162	73	12	10	129	<0.005	
D140963		94.40	<0.5	59	0.7	49	61	170	10	176	30	9	<10	263	<0.005	
D140964		98.24	<0.5	21	0.8	19	35	180	77	60	116	8	<10	183	<0.005	
D140965		98.44	<0.5	22	0.8	19	19	160	27	63	157	10	<10	218	<0.005	
D140966		97.88	<0.5	17	0.7	31	15	160	39	34	81	13	<10	140	<0.005	
D140967		96.42	<0.5	40	0.9	34	15	320	31	46	85	8	<10	193	<0.005	
D140968		94.83	<0.5	21	1.0	45	28	180	83	58	180	5	<10	144	<0.005	0.28
D140969		96.37	<0.5	32	1.7	33	57	170	38	113	214	14	<10	327	<0.005	
D140970		99.51	<0.5	33	<0.5	20	61	10	46	148	116	46	<10	236	<0.005	
D140971		100.58	<0.5	19	0.8	18	19	90	16	45	108	10	<10	186	<0.005	
D140972		101.85	<0.5	31	0.9	29	33	140	12	88	159	10	<10	220	<0.005	
D140973		101.26	<0.5	24	0.8	16	17	100	16	52	113	11	<10	179	<0.005	
D140974		101.27	<0.5	22	0.8	9	3	90	51	22	276	5	<10	180	<0.005	
D140975		100.57	<0.5	24	1.1	10	4	100	54	26	300	5	<10	188	<0.005	
D140976		101.90	<0.5	20	0.7	22	29	170	23	38	92	6	<10	198	<0.005	
D140977		98.95	<0.5	20	<0.5	25	34	240	27	28	32	5	<10	157	<0.005	
D140978		99.57	<0.5	16	<0.5	24	32	240	18	27	17	5	<10	133	<0.005	
D140979		99.45	<0.5	18	0.5	26	35	220	13	28	34	5	<10	172	0.005	
D140980		101.60	<0.5	<5	<0.5	<1	1	<10	<1	5	<2	<1	<10	4	<0.005	
D140981		100.49	<0.5	18	0.6	25	37	200	13	25	49	4	<10	201	<0.005	
D140982		101.37	<0.5	18	0.5	21	23	310	7	28	37	4	<10	197	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
		0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D140983		2.09	3440	6200	140	7.91	86.3	38.5	50.6	33.4	125.0	6.9	15.55	3900	2.43	2300
D140984		2.04	2150	3120	70	4.85	40.6	18.65	23.1	23.5	58.0	4.1	7.34	2130	1.39	1035
D140985		1.90	6030	977	40	4.85	14.55	7.34	7.17	18.8	18.65	3.9	2.81	739	0.84	203
D140986		1.97	2440	1100	30	7.12	19.85	10.15	9.22	17.5	24.5	3.6	3.77	813	1.07	267
D140987		1.89	6970	1620	50	6.03	21.0	9.84	11.45	19.7	27.1	3.2	3.85	1150	0.96	518
D140988		2.06	5850	2010	140	3.56	28.8	13.25	15.90	21.3	40.0	3.0	5.23	1380	1.14	460
D140989		1.96	7810	1210	40	2.48	20.4	10.60	9.60	19.1	25.1	2.9	3.90	864	1.00	168.5
D140990		0.07	8770	86.6	50	0.80	3.72	2.38	1.13	18.7	4.08	3.7	0.79	93.0	0.37	7.3
D140991		2.26	5110	1675	70	1.68	24.1	11.55	12.55	20.3	32.4	2.5	4.39	1195	0.98	288
D140992		2.21	5620	1155	70	1.68	15.90	8.30	7.75	19.6	21.3	2.7	3.06	896	0.79	192.0
D140993		2.08	4960	1020	100	2.97	17.45	9.47	7.62	20.9	21.2	3.6	3.39	749	1.00	192.5
D140994		1.98	7160	1255	60	3.32	17.40	8.63	8.59	23.6	23.8	2.8	3.28	1015	0.80	120.5
D140995		1.99	9790	1335	50	3.25	16.70	8.18	8.56	23.9	23.2	4.7	3.15	1115	0.79	134.0
D140996		1.99	4790	1085	40	1.48	11.80	5.16	6.43	23.0	18.40	3.2	2.06	816	0.46	84.8
D140997		1.92	4430	1055	60	1.80	20.6	10.80	9.91	20.9	26.3	3.5	3.92	753	1.08	200.0
D140998		2.18	2890	2470	40	3.15	41.8	21.2	20.5	20.9	54.3	6.9	8.05	1790	1.87	419
D140999		2.12	5960	2080	240	6.08	26.3	12.25	14.15	23.9	34.8	4.1	4.89	1545	1.05	508
D141000		0.48	48.9	33.2	10	0.06	0.57	0.33	0.40	0.7	1.09	0.2	0.11	25.5	0.03	9.8
D141001		2.08	5480	1620	520	7.87	22.2	11.15	12.20	20.3	31.0	3.8	4.18	1165	0.90	409
D141002		2.07	4030	1745	320	8.57	22.0	10.35	12.95	22.3	32.4	3.9	4.02	1245	0.98	408
D141003		2.16	4400	1205	80	4.02	14.15	6.94	8.32	19.2	20.4	4.4	2.70	871	0.86	271
D141004		2.06	3070	1555	70	5.22	16.55	8.63	9.59	21.2	23.9	3.7	3.07	1180	0.81	277
D141005		1.62	6190	2270	110	6.52	23.1	10.60	14.10	26.1	35.2	4.3	4.19	1715	0.98	528
D141006		2.00	>10000	1030	50	3.05	13.35	6.92	6.36	24.2	17.25	3.4	2.51	859	0.69	93.2
D141007		2.11	8850	866	50	3.20	7.41	3.90	23.8	23.8	9.81	4.4	1.40	848	0.43	103.0
D141008		1.82	6860	1285	100	4.28	15.15	7.55	8.26	21.5	20.9	3.9	2.94	970	0.78	227
D141009		2.30	4310	2120	220	4.66	27.6	13.05	15.85	22.5	39.3	3.5	5.01	1445	1.14	459
D141010		0.02	1095	5250	610	0.47	51.5	12.10	77.5	55.4	159.5	13.4	6.74	4000	0.60	1540
D141011		2.13	4370	2570	80	4.26	36.5	18.50	20.2	23.9	52.7	4.3	6.99	1685	1.62	374
D141012		1.88	6780	1095	40	2.43	14.80	7.47	7.65	19.7	19.95	3.6	2.87	817	0.72	109.5
D141013		1.89	2630	1505	40	4.42	27.8	14.85	12.90	18.6	33.2	4.1	5.20	1005	1.46	283
D141014		2.16	5060	1645	80	2.43	26.2	14.40	11.90	17.4	31.7	3.1	5.03	1100	1.34	173.5
D141015		2.00	5990	1415	50	2.75	20.8	11.45	10.40	19.2	27.3	2.6	3.98	973	1.00	163.5
D141016		2.44	7610	4840	230	8.03	77.8	34.3	43.1	33.3	109.0	5.0	13.40	2770	1.72	1120
D141017		2.53	6380	3380	290	6.11	54.4	24.2	30.4	27.1	79.0	5.4	9.35	1980	1.30	815
D141018		2.08	5110	1935	30	2.01	22.9	12.10	12.55	20.0	33.1	2.9	4.30	1355	1.14	255
D141019		2.24	6080	1070	50	1.33	15.90	8.49	7.53	18.1	19.25	2.9	3.05	798	0.83	136.0
D141020		0.41	44.6	8.3	<10	0.02	0.29	0.15	0.13	<0.1	0.33	<0.1	0.07	6.2	0.02	2.5
D141021		2.46	2940	2470	90	2.22	40.4	19.10	21.6	23.7	55.9	3.8	6.97	1485	1.51	476
D141022		2.09	8730	1500	60	2.76	20.4	10.30	10.05	22.1	27.2	3.3	3.56	1030	0.98	190.0



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D140983		1845	597	163.5	209	2	8540	34.9	16.65	207	4.73	22.8	162	13	437	22.4
D140984		810	290	124.0	95.2	2	5550	15.8	7.68	96.1	2.33	13.05	150	15	213	11.90
D140985		230	80.2	155.5	28.8	2	2270	1.1	2.72	28.9	1.06	2.79	147	8	90.1	6.27
D140986		282	95.4	133.5	36.2	2	3870	7.6	3.61	52.5	1.45	4.90	178	13	109.5	7.96
D140987		396	139.5	134.5	45.2	2	3520	10.5	4.01	39.1	1.32	8.28	112	12	115.0	7.17
D140988		522	176.5	126.5	64.8	2	3870	3.5	5.60	63.4	1.76	6.79	154	9	153.0	9.45
D140989		305	103.5	117.5	37.4	2	3860	1.1	3.65	52.2	1.49	4.47	121	14	125.0	8.31
D140990		23.6	7.30	111.5	4.77	6	107.0	0.5	0.63	9.60	0.35	17.25	276	45	22.3	2.10
D140991		426	145.5	78.9	52.1	1	3930	1.7	4.40	84.2	1.53	5.54	123	10	134.0	7.74
D140992		272	93.5	95.2	32.7	1	1875	1.1	2.95	57.5	1.08	4.46	105	26	102.0	6.00
D140993		248	85.0	90.4	31.5	1	3230	0.9	3.12	70.0	1.42	5.85	121	23	112.5	7.60
D140994		287	100.0	120.0	35.2	2	2610	0.5	3.41	43.2	1.14	4.82	117	17	120.0	6.27
D140995		303	107.0	106.5	35.1	1	2630	0.9	3.22	50.7	1.12	5.09	83	25	111.0	5.97
D140996		257	89.8	88.1	28.4	2	883	0.6	2.42	40.9	0.69	2.84	64	26	73.6	3.65
D140997		289	94.3	125.0	39.0	2	1510	1.6	3.67	68.9	1.40	5.08	109	12	122.0	8.12
D140998		652	217	88.9	81.0	2	8810	3.5	7.70	112.5	2.82	7.00	194	7	229	14.95
D140999		500	174.5	141.5	56.6	2	5110	3.7	4.81	58.7	1.60	4.72	152	8	140.0	8.42
D141000		13.8	4.05	1.9	1.84	<1	114.5	0.1	0.10	1.63	0.05	0.23	8	<1	3.9	0.27
D141001		414	140.5	207	49.1	3	3470	5.1	4.31	67.6	1.46	3.59	210	8	118.5	7.40
D141002		452	153.0	197.5	53.5	3	3650	5.7	4.33	73.0	1.29	4.92	202	12	111.5	7.30
D141003		294	103.5	110.5	33.4	1	3190	1.2	2.78	32.7	1.08	3.96	130	7	85.2	6.26
D141004		356	127.0	169.5	38.7	2	2050	0.7	3.26	40.7	1.09	3.72	149	9	97.3	6.39
D141005		531	187.5	198.5	59.3	2	3780	4.0	4.50	71.1	1.39	4.66	165	13	127.5	7.76
D141006		221	79.6	159.5	26.3	1	1660	0.6	2.37	32.4	0.94	2.70	74	22	83.3	5.19
D141007		159.0	61.0	101.5	17.15	1	2500	0.6	1.42	23.5	0.53	2.02	69	19	48.5	3.21
D141008		301	106.0	147.0	34.0	2	2750	1.4	2.88	42.8	1.04	3.36	138	9	90.8	5.81
D141009		556	187.5	116.5	66.7	2	4550	5.1	5.41	76.2	1.70	5.41	158	7	150.5	9.33
D141010		2880	802	6.3	380	31	784	24.6	13.75	257	1.24	6.00	393	4	139.0	5.14
D141011		690	232	93.5	82.6	1	6880	3.1	7.09	69.6	2.48	6.94	118	12	215	12.90
D141012		261	91.3	109.0	31.7	1	1995	0.6	2.86	30.2	1.03	2.01	74	11	92.2	5.75
D141013		401	129.5	98.2	49.1	1	3240	2.3	4.67	45.4	2.00	4.09	158	7	146.5	12.25
D141014		409	136.5	105.5	46.8	1	2810	0.9	4.29	36.1	1.90	3.96	112	12	148.0	11.45
D141015		351	115.5	152.0	40.3	2	2670	1.1	3.79	30.8	1.44	4.15	112	14	122.0	8.53
D141016		1415	451	281	170.5	4	5010	16.4	14.10	163.5	3.80	15.00	270	11	350	18.65
D141017		990	312	247	121.0	3	3850	9.9	10.10	94.2	2.74	12.60	222	10	244	14.05
D141018		476	158.5	90.7	52.9	1	5270	2.1	4.25	61.8	1.47	4.60	106	13	119.5	9.31
D141019		254	85.2	117.5	30.4	2	2980	1.0	2.69	32.3	1.08	2.97	80	18	91.9	7.22
D141020		2.8	0.81	0.6	0.42	<1	96.6	<0.1	0.05	0.40	0.02	0.14	<5	<1	2.4	0.12
D141021		691	218	73.6	83.4	2	7200	5.0	7.14	90.0	2.27	10.90	134	9	195.0	12.70
D141022		368	123.0	123.5	40.3	1	3020	1.2	3.64	53.9	1.31	3.97	87	19	114.5	7.91



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D140983		660	26.4	9.74	9.01	19.30	5.97	0.36	3.66	0.022	1.97	0.27	7.72	0.99	0.36	10.60
D140984		326	29.1	10.05	9.07	19.65	6.05	0.46	3.39	0.012	0.96	0.28	4.47	0.69	0.26	14.60
D140985		186	44.7	12.95	5.83	12.70	4.40	1.26	6.01	0.007	0.37	0.28	0.59	0.28	0.68	10.65
D140986		291	31.5	11.55	10.80	18.35	5.38	0.62	3.72	0.006	0.52	0.31	2.21	0.47	0.27	14.15
D140987		237	33.1	12.80	6.23	18.30	3.66	1.45	4.33	0.007	0.95	0.29	0.94	0.41	0.74	16.45
D140988		169	45.3	11.20	7.13	14.00	5.93	2.27	4.45	0.022	0.98	0.41	1.88	0.47	0.64	6.92
D140989		147	50.4	12.65	5.18	11.70	4.89	2.93	5.07	0.006	0.42	0.39	0.67	0.44	0.84	5.91
D140990		147	41.6	11.05	24.1	5.99	2.12	1.86	4.20	0.007	0.88	0.33	0.18	0.01	0.95	5.63
D140991		135	47.3	11.55	4.34	15.20	3.05	3.67	3.31	0.010	0.46	0.33	1.61	0.45	0.55	8.25
D140992		127	51.1	12.85	4.17	12.10	1.45	3.24	4.96	0.009	0.34	0.19	0.63	0.21	0.59	10.15
D140993		194	45.4	14.60	7.31	8.64	5.52	2.74	3.64	0.014	0.41	0.16	0.64	0.38	0.53	11.15
D140994		131	45.4	14.50	5.18	10.35	3.47	2.40	4.53	0.009	0.32	0.15	0.27	0.30	0.77	12.05
D140995		273	49.8	14.70	4.99	8.27	2.51	2.73	4.55	0.007	0.41	0.10	0.29	0.30	1.06	10.10
D140996		155	59.4	15.15	4.82	5.47	0.59	5.11	4.32	0.006	0.31	0.08	0.21	0.10	0.51	5.62
D140997		212	50.3	13.95	4.67	9.04	2.09	3.38	5.26	0.009	0.33	0.13	0.65	0.17	0.46	8.31
D140998		553	36.0	9.73	8.79	19.45	5.34	1.44	3.00	0.006	0.36	0.38	4.83	1.02	0.30	8.57
D140999		187	40.3	11.65	8.06	13.90	7.43	2.16	3.76	0.035	1.24	0.44	1.19	0.59	0.64	7.47
D141000		10	13.60	0.29	0.23	48.3	2.48	0.09	0.06	<0.002	0.02	0.01	0.03	0.01	<0.01	36.2
D141001		230	34.6	11.80	12.50	11.90	9.99	0.67	4.59	0.074	1.39	0.40	1.83	0.40	0.58	8.20
D141002		222	34.2	13.45	12.00	12.50	8.68	0.47	4.72	0.046	1.20	0.34	1.69	0.42	0.42	11.25
D141003		278	45.2	13.55	7.01	11.70	5.90	2.39	4.71	0.013	0.41	0.42	0.50	0.41	0.52	7.97
D141004		195	41.7	13.20	8.27	9.08	5.42	0.33	5.53	0.010	0.46	0.14	0.59	0.24	0.33	13.80
D141005		217	44.5	13.75	6.86	9.04	4.53	0.59	6.49	0.016	0.87	0.14	1.94	0.41	0.63	10.90
D141006		158	51.8	15.55	5.04	7.15	3.17	2.32	7.37	0.007	0.32	0.15	0.16	0.19	1.28	7.42
D141007		206	53.5	15.90	4.60	6.85	2.82	5.64	4.17	0.008	0.41	0.20	0.11	0.29	0.96	5.75
D141008		199	44.5	14.90	8.71	7.43	6.20	0.87	5.48	0.015	0.55	0.14	0.94	0.32	0.74	11.10
D141009		204	41.4	12.60	8.40	13.80	6.07	1.92	3.81	0.032	0.90	0.35	1.55	0.54	0.47	8.06
D141010		651	28.4	11.40	49.0	1.83	1.83	0.24	0.15	0.086	3.10	0.12	1.14	0.09	0.12	1.14
D141011		216	41.5	12.40	6.10	16.30	4.33	3.38	3.14	0.011	0.61	0.47	1.42	0.80	0.46	9.51
D141012		161	51.8	15.15	4.75	7.93	2.94	4.79	4.30	0.006	0.31	0.24	0.09	0.23	0.73	7.51
D141013		266	35.1	11.05	7.94	16.95	5.03	1.90	2.97	0.005	0.33	0.34	0.89	0.39	0.30	14.95
D141014		217	35.9	9.12	6.42	20.4	2.75	1.54	4.18	0.011	0.26	0.39	0.55	0.33	0.56	16.20
D141015		140	45.0	11.50	5.10	12.50	3.11	1.08	6.49	0.006	0.31	0.26	0.63	0.32	0.66	11.15
D141016		341	27.1	8.09	15.40	15.10	10.70	0.30	4.91	0.037	2.78	0.56	5.28	0.63	0.87	7.16
D141017		328	33.1	9.34	12.65	13.80	9.71	0.47	5.25	0.046	2.18	0.46	3.63	0.49	0.73	8.70
D141018		188	44.6	10.70	5.57	14.60	4.71	2.18	3.81	0.005	0.29	0.39	2.46	0.62	0.57	8.39
D141019		155	54.5	12.20	4.54	9.13	4.00	2.57	6.71	0.008	0.33	0.37	0.41	0.35	0.68	4.93
D141020		2	10.95	0.13	0.16	48.6	2.29	0.04	0.03	<0.002	0.01	0.01	0.02	0.01	<0.01	37.7
D141021		221	42.1	11.25	6.87	17.50	5.78	2.69	2.65	0.012	0.54	0.52	2.51	0.85	0.33	4.75
D141022		153	50.2	13.30	4.08	10.30	3.55	3.33	5.62	0.009	0.36	0.32	0.41	0.36	0.97	7.05



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 3 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D140983		96.37	<0.5	63	0.7	26	24	270	4	102	26	16	10	136	<0.005	
D140984		99.04	<0.5	47	0.6	15	7	280	4	63	20	12	<10	101	<0.005	
D140985		100.71	<0.5	12	<0.5	10	13	120	11	32	32	12	<10	76	<0.005	
D140986		99.86	<0.5	29	0.5	16	24	260	8	39	11	12	<10	94	<0.005	
D140987		99.66	<0.5	17	<0.5	24	82	190	27	45	17	8	<10	75	<0.005	
D140988		101.60	<0.5	19	0.6	24	38	150	24	93	75	11	<10	219	<0.005	
D140989		101.50	<0.5	12	0.5	14	19	160	42	42	152	7	<10	136	<0.005	
D140990		98.91	<0.5	155	0.5	202	2890	20	59	80	9	16	<10	24	0.176	
D140991		100.08	<0.5	23	<0.5	19	38	100	88	70	80	8	<10	88	<0.005	
D140992		101.99	<0.5	12	<0.5	17	15	70	77	36	42	7	<10	44	<0.005	
D140993		101.13	<0.5	10	<0.5	9	35	170	22	45	43	7	<10	66	<0.005	
D140994		99.70	<0.5	6	<0.5	6	14	130	18	33	34	9	<10	53	<0.005	
D140995		99.82	<0.5	7	<0.5	5	14	80	18	26	39	6	<10	39	<0.005	
D140996		101.70	<0.5	6	<0.5	3	6	60	14	20	31	6	<10	44	<0.005	
D140997		98.75	<0.5	11	<0.5	7	6	90	15	26	31	7	<10	50	<0.005	
D140998		99.22	<0.5	53	0.5	38	12	150	25	52	41	9	<10	111	<0.005	
D140999		98.87	<0.5	24	<0.5	33	65	190	26	147	56	14	<10	210	<0.005	
D141000		101.32	<0.5	<5	<0.5	1	3	<10	<1	<1	3	<1	<10	5	<0.005	
D141001		98.92	<0.5	28	<0.5	41	36	210	8	209	12	24	<10	254	<0.005	
D141002		101.39	<0.5	28	0.5	27	31	280	4	143	17	21	<10	191	<0.005	
D141003		100.70	<0.5	16	<0.5	22	27	200	21	69	38	10	<10	140	<0.005	
D141004		99.10	<0.5	18	<0.5	12	31	160	6	48	19	12	<10	52	<0.005	
D141005		100.67	<0.5	32	<0.5	16	24	160	18	61	21	12	<10	65	<0.005	
D141006		101.93	<0.5	11	<0.5	15	9	110	97	33	25	7	<10	39	0.144	
D141007		101.21	<0.5	8	<0.5	11	8	140	102	22	40	6	<10	78	<0.005	
D141008		101.90	<0.5	18	<0.5	15	15	170	18	54	11	13	<10	45	<0.005	
D141009		99.90	<0.5	34	<0.5	28	25	210	15	100	25	15	<10	132	<0.005	
D141010		98.65	<0.5	47	<0.5	29	66	10	46	162	111	50	<10	248	NSS	
D141011		100.43	<0.5	26	0.6	20	16	150	27	60	70	13	<10	147	<0.005	
D141012		100.78	<0.5	8	<0.5	9	4	110	20	24	26	6	<10	99	<0.005	
D141013		98.15	<0.5	18	0.6	14	13	240	3	41	31	9	<10	95	<0.005	
D141014		98.61	<0.5	13	0.5	24	15	120	17	51	50	7	<10	95	<0.005	
D141015		98.12	<0.5	16	<0.5	8	13	120	17	33	53	7	<10	76	<0.005	
D141016		98.92	<0.5	26	<0.5	35	15	150	13	162	21	15	<10	385	<0.005	
D141017		100.56	<0.5	31	<0.5	36	29	130	14	158	12	15	<10	291	<0.005	
D141018		98.90	<0.5	40	<0.5	12	8	150	12	34	27	8	<10	117	<0.005	
D141019		100.73	<0.5	12	<0.5	12	10	110	101	31	84	6	<10	133	<0.005	
D141020		99.95	<0.5	<5	<0.5	1	1	<10	1	<1	2	<1	<10	4	<0.005	
D141021		98.35	<0.5	29	0.7	27	30	150	18	68	113	12	<10	187	<0.005	
D141022		99.86	<0.5	15	<0.5	13	8	140	89	42	100	7	<10	129	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D141023		2.28	5290	2040	190	3.02	27.0	13.05	14.55	22.8	37.6	4.9	4.74	1290	1.17	539
D141024		2.26	3320	1975	90	2.73	28.8	14.40	15.45	22.7	39.6	3.0	4.96	1215	1.26	454
D141025		<0.02	3330	1865	90	2.51	28.4	13.00	14.85	22.2	39.4	3.0	4.78	1160	1.22	433
D141026		2.58	3580	4780	600	3.93	75.7	36.0	43.8	31.4	113.5	5.5	13.30	2670	2.27	1980
D141027		2.26	7810	1455	50	2.79	15.15	7.50	8.78	21.2	22.7	3.2	2.61	1020	0.74	187.0
D141028		2.24	4570	2390	160	3.29	34.0	15.95	18.90	23.3	48.1	3.5	5.89	1465	1.29	609
D141029		2.34	4230	2470	110	3.40	36.8	17.00	20.2	23.0	52.1	4.2	6.27	1540	1.25	549
D141030		0.06	8370	89.9	40	0.70	4.05	2.66	1.25	18.5	3.90	3.4	0.82	90.3	0.34	7.8
D141031		2.25	4090	1355	160	4.55	22.3	10.85	11.75	20.0	30.8	4.0	3.94	902	0.89	267
D141032		2.36	4770	1665	330	6.24	23.1	11.40	12.75	21.0	32.9	3.2	3.97	1070	0.79	526
D141033		2.20	6380	1640	60	2.42	28.4	14.40	13.55	20.2	36.3	3.1	5.04	1040	1.14	217
D141034		2.15	3710	2100	70	2.51	32.0	14.85	18.25	22.3	47.7	4.1	5.41	1260	1.07	203
D141035		2.00	3680	996	40	2.82	13.25	6.74	7.20	17.9	18.95	2.9	2.27	681	0.85	151.5
D141036		2.24	1585	884	250	2.25	18.85	8.46	9.37	19.2	25.4	3.5	3.09	515	0.67	144.5
D141037		2.89	759	120.5	320	1.06	5.06	2.43	2.12	15.6	6.09	2.8	0.88	64.4	0.30	71.8
D141038		1.39	3930	1685	150	7.37	34.9	16.75	17.30	20.2	44.7	4.5	5.95	1005	1.36	1215
D141039		2.24	2870	1775	210	4.22	30.7	14.25	17.05	17.7	43.9	4.4	5.54	1035	1.14	644
D141040		0.54	33.5	25.5	<10	0.05	0.60	0.32	0.27	<0.1	0.95	<0.1	0.10	15.9	0.03	4.5
D141041		2.22	2590	2080	130	4.00	29.1	13.45	15.80	21.1	40.5	5.6	4.87	1230	1.29	804
D141042		2.57	1840	2960	170	4.27	34.2	15.00	20.7	26.5	51.2	4.6	5.79	1825	1.09	999
D141043		1.67	1225	230	240	1.39	7.02	3.52	3.34	16.1	8.89	4.8	1.32	118.5	0.39	127.5
D141044		2.31	1260	285	220	3.44	10.85	5.50	4.31	17.6	13.25	5.1	2.02	152.5	0.49	131.0
D141045		1.95	1930	1190	60	2.94	27.4	12.90	12.75	14.7	35.3	2.1	4.74	668	1.08	140.5
D141046		1.92	1885	1885	10	2.79	40.4	19.15	19.55	20.1	52.7	4.6	7.00	1030	1.54	311
D141047		2.20	2360	6430	40	3.69	124.0	53.4	68.3	40.9	187.5	3.2	20.8	3480	2.71	151.0
D141048		1.98	4630	3330	70	3.27	54.2	25.9	31.7	27.1	84.2	3.9	10.05	1825	2.12	452
D141049		2.19	4110	3190	90	4.81	47.8	21.3	28.9	26.7	76.6	3.3	8.72	1765	1.68	592
D141050		0.03	1075	5330	620	0.43	49.3	11.60	75.6	52.5	153.5	12.9	6.18	3850	0.60	1515
D141051		2.08	4870	2970	160	3.46	45.5	20.7	26.9	29.8	71.2	6.2	8.21	1645	1.65	701
D141052		2.21	2680	2810	190	4.93	31.7	12.90	24.0	25.8	59.6	3.7	5.48	1595	1.08	455
D141053		2.14	5000	2890	130	6.26	37.9	16.90	24.5	25.9	63.2	6.8	6.84	1660	1.43	613
D141054		2.72	4720	2570	160	5.63	38.1	18.60	21.5	24.6	54.8	10.5	7.13	1510	1.90	1520
D141055		1.44	6320	2700	190	8.58	41.4	19.10	24.6	24.0	65.0	3.5	7.61	1630	1.39	415
D141056		2.14	3860	2250	140	5.72	40.5	19.15	22.5	21.1	59.3	2.7	7.29	1300	1.42	147.0
D141057		2.10	4650	960	10	3.94	22.0	13.80	9.12	19.0	25.5	13.4	4.61	627	1.90	1215
D141058		2.10	4030	1295	<10	6.00	23.7	12.55	12.65	19.3	32.6	8.9	4.60	773	1.49	760
D141059		2.36	4620	2350	20	5.81	41.5	20.4	21.9	21.0	57.6	4.2	7.84	1355	1.82	618
D141060		0.53	36.7	13.2	<10	0.04	0.47	0.24	0.15	0.5	0.53	0.2	0.09	7.9	0.03	4.3
D141061		1.94	3320	3020	70	4.39	43.3	18.70	25.7	24.4	65.2	3.0	7.75	1685	1.40	1410
D141062		2.39	3440	2100	10	6.89	32.1	15.20	18.00	24.4	46.1	3.0	5.90	1210	1.53	1070



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D141023		532	174.0	112.5	59.7	2	3900	8.9	4.72	75.2	1.61	7.46	137	13	137.5	9.31
D141024		540	173.0	88.6	63.3	1	5260	5.3	5.04	70.1	1.66	6.48	126	6	145.0	10.45
D141025		509	163.5	87.4	60.2	1	5150	4.8	5.10	67.1	1.69	6.46	127	7	139.5	10.05
D141026		1420	443	104.0	174.0	3	6510	37.2	14.20	163.5	4.05	24.3	303	11	363	21.0
D141027		354	119.0	102.5	37.3	1	4410	1.6	2.84	31.3	0.96	3.06	93	19	83.9	5.68
D141028		659	212	88.3	76.4	1	6510	9.1	6.31	91.7	1.79	8.87	119	9	164.0	10.50
D141029		683	217	98.9	81.1	2	6620	11.2	6.56	115.5	2.01	15.25	133	10	170.0	11.00
D141030		24.1	7.44	105.5	4.17	6	108.0	0.5	0.63	9.24	0.37	17.20	278	48	21.8	2.37
D141031		370	116.5	114.0	46.2	2	6400	3.9	4.05	37.0	1.31	4.06	162	12	112.0	7.59
D141032		453	145.0	165.5	52.0	2	4650	9.0	4.20	44.6	1.24	6.89	188	14	110.5	6.56
D141033		448	142.5	110.5	55.4	1	4430	2.3	4.73	56.2	1.85	4.48	112	13	151.5	10.60
D141034		600	188.0	94.7	70.3	2	8500	1.6	5.95	51.2	1.72	4.74	140	11	156.0	9.55
D141035		255	83.7	92.5	29.1	1	6810	1.0	2.36	23.7	0.92	2.53	168	7	68.3	6.17
D141036		270	82.1	63.6	35.3	1	3410	4.4	3.27	34.9	1.03	9.27	174	4	82.9	5.29
D141037		47.0	12.85	33.8	7.10	1	1325	3.5	0.84	8.87	0.33	4.95	171	3	23.3	1.96
D141038		495	152.5	180.0	65.6	2	3810	20.9	6.26	88.7	2.07	24.3	190	8	161.0	12.55
D141039		534	163.5	111.0	66.6	2	6120	12.2	5.77	73.2	1.64	14.85	179	9	140.0	9.25
D141040		8.3	2.65	1.1	1.23	<1	165.0	<0.1	0.11	1.29	0.04	0.26	<5	1	4.2	0.28
D141041		568	182.0	101.0	64.6	2	5380	13.9	5.37	93.9	1.55	9.79	210	7	127.5	9.78
D141042		766	254	110.5	82.6	2	4340	18.3	6.39	126.5	1.73	13.75	229	11	138.5	9.51
D141043		91.0	24.8	53.1	13.05	2	1535	5.6	1.26	9.88	0.48	1.67	212	2	35.5	3.13
D141044		105.5	30.0	100.5	15.90	2	1450	5.6	1.79	8.38	0.68	4.43	225	6	55.8	3.61
D141045		382	113.5	62.5	51.1	1	1805	3.7	4.86	71.3	1.57	12.85	113	18	133.0	9.13
D141046		605	181.5	58.3	79.5	2	2110	9.1	7.11	129.5	2.37	22.6	102	8	184.5	13.50
D141047		2100	644	100.5	274	2	4490	2.5	23.0	475	5.57	29.9	156	13	555	29.1
D141048		1045	330	92.8	137.5	2	2870	12.1	10.35	316	3.33	20.7	210	22	271	18.35
D141049		975	310	128.5	129.0	2	3630	6.5	9.35	228	2.59	21.2	266	17	230	14.10
D141050		2920	776	6.2	391	30	765	24.5	12.45	246	1.11	6.07	411	3	133.5	5.22
D141051		904	289	129.5	117.5	4	1980	18.0	8.75	492	2.70	23.5	421	21	217	14.80
D141052		835	270	128.5	106.0	3	1675	4.0	6.63	79.2	1.57	18.40	294	25	152.0	9.01
D141053		853	274	175.5	111.5	3	3290	10.8	7.54	416	2.06	24.7	223	11	182.0	11.95
D141054		743	229	129.0	94.9	3	2240	31.6	7.22	221	2.57	60.2	199	9	197.5	14.65
D141055		805	259	199.0	107.0	3	5580	7.2	8.20	286	2.41	27.5	344	12	199.0	12.35
D141056		698	216	131.0	95.1	2	4410	2.2	7.71	481	2.31	11.05	191	9	194.5	12.35
D141057		270	82.6	119.5	36.8	3	3880	40.1	3.65	73.0	2.05	24.2	97	9	148.5	13.95
D141058		389	117.0	127.0	51.5	2	7540	22.0	4.30	140.0	1.73	46.1	71	5	125.5	11.30
D141059		696	211	154.5	94.0	2	6920	11.2	7.61	295	2.66	37.2	98	10	226	14.95
D141060		4.8	1.32	1.7	0.78	<1	109.0	<0.1	0.07	2.77	0.03	0.51	<5	<1	3.5	0.23
D141061		862	288	122.5	107.5	1	5090	24.5	8.28	172.5	2.31	35.7	138	12	203	12.15
D141062		600	186.5	194.0	77.0	1	3430	15.4	5.96	102.5	2.08	27.2	104	7	164.5	12.20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
D141023	267	42.4	11.45	5.34	14.80	5.07	2.14	4.36	0.026	0.78	0.40	0.89	0.46	0.58	10.95	
D141024	174	44.1	11.80	6.05	15.85	6.03	2.65	3.27	0.013	0.53	0.53	1.21	0.63	0.38	6.60	
D141025	169	43.6	11.60	5.95	15.40	5.91	2.62	3.25	0.012	0.50	0.52	1.11	0.61	0.38	6.64	
D141026	316	32.2	6.57	11.85	23.0	7.17	1.06	2.21	0.085	2.61	0.50	3.55	0.81	0.41	7.07	
D141027	147	45.6	12.20	4.78	12.00	5.36	2.69	4.65	0.007	0.34	0.44	0.46	0.52	0.86	9.33	
D141028	185	41.8	10.90	6.08	17.00	5.80	2.70	3.16	0.023	0.74	0.56	1.47	0.79	0.51	8.04	
D141029	257	41.1	12.35	7.59	16.30	5.93	2.78	3.27	0.018	0.83	0.50	2.10	0.86	0.50	6.30	
D141030	141	41.8	10.75	23.7	5.89	2.05	1.82	4.09	0.006	0.87	0.32	0.18	0.01	0.93	5.87	
D141031	222	40.0	12.00	8.31	17.15	6.32	2.28	2.93	0.023	1.02	0.47	1.02	0.75	0.45	7.14	
D141032	194	37.1	11.70	11.15	15.00	8.67	1.56	3.57	0.047	1.60	0.49	1.34	0.55	0.52	5.74	
D141033	178	47.4	11.80	5.82	12.40	4.97	2.32	5.24	0.008	0.44	0.41	0.95	0.52	0.69	5.66	
D141034	235	40.5	11.10	6.84	18.70	5.10	2.63	3.13	0.010	0.37	0.51	2.17	1.00	0.41	7.50	
D141035	194	39.6	10.80	7.09	18.35	5.67	3.12	2.63	0.005	0.24	0.58	0.62	0.80	0.41	9.37	
D141036	210	38.3	11.20	11.10	14.20	6.65	2.60	1.56	0.035	1.04	0.30	2.06	0.40	0.18	9.76	
D141037	147	41.4	12.45	10.15	12.85	5.86	2.82	1.16	0.045	1.31	0.22	0.58	0.16	0.08	10.45	
D141038	262	36.4	9.84	10.20	17.25	6.81	1.90	3.28	0.021	1.55	0.46	0.55	0.45	0.44	9.20	
D141039	279	31.3	7.07	9.12	24.5	6.96	1.25	2.42	0.030	0.96	0.50	1.78	0.73	0.32	12.20	
D141040	4	11.70	0.12	0.18	48.1	2.33	0.04	0.01	<0.002	0.01	0.01	0.07	0.02	<0.01	37.2	
D141041	345	39.2	9.70	9.16	18.45	7.29	1.70	2.53	0.018	1.22	0.50	1.07	0.64	0.29	6.39	
D141042	274	37.4	11.60	10.05	16.15	5.90	2.14	2.80	0.024	2.17	0.44	1.33	0.52	0.21	7.53	
D141043	246	38.6	13.80	11.95	13.35	5.25	1.84	1.98	0.033	1.79	0.21	1.24	0.18	0.14	8.64	
D141044	271	41.3	14.95	9.54	9.61	3.63	1.67	3.52	0.031	1.93	0.16	1.34	0.17	0.14	10.75	
D141045	174	29.1	7.31	5.54	23.3	4.39	0.81	2.42	0.009	0.52	0.60	1.11	0.21	0.22	23.8	
D141046	412	28.4	10.10	7.81	17.40	6.92	1.53	2.21	0.003	0.31	0.55	2.05	0.27	0.22	21.6	
D141047	257	31.7	12.15	7.36	17.10	4.55	1.15	3.44	0.007	0.49	0.51	6.04	0.56	0.27	13.95	
D141048	380	30.0	10.05	11.15	15.05	5.61	1.42	2.54	0.010	0.94	0.69	2.59	0.34	0.50	17.45	
D141049	265	37.8	11.40	9.06	16.10	5.52	1.38	3.83	0.014	0.94	0.51	2.48	0.45	0.46	10.15	
D141050	632	29.1	11.35	48.9	1.82	1.84	0.24	0.15	0.086	3.12	0.12	1.13	0.09	0.12	1.08	
D141051	521	34.9	12.00	11.90	11.25	5.45	0.97	4.21	0.023	1.33	0.42	1.74	0.23	0.53	13.90	
D141052	245	37.3	10.75	13.65	10.30	5.46	0.28	3.52	0.027	0.91	0.46	0.89	0.19	0.28	14.50	
D141053	472	33.8	10.80	9.92	15.45	5.85	1.03	3.98	0.018	0.98	0.48	1.08	0.38	0.53	14.15	
D141054	972	28.3	9.31	9.50	15.85	7.89	0.50	2.92	0.023	0.96	0.63	1.41	0.27	0.50	19.60	
D141055	279	25.8	8.56	12.80	19.15	6.19	0.89	3.80	0.026	1.49	0.54	2.44	0.64	0.67	17.50	
D141056	228	33.9	11.10	9.59	18.25	5.76	1.26	3.32	0.020	0.51	0.46	1.71	0.52	0.41	12.65	
D141057	1350	35.5	12.45	6.72	16.45	5.96	1.96	3.47	<0.002	0.29	0.49	0.57	0.45	0.50	16.20	
D141058	840	33.1	11.95	5.37	19.40	5.75	2.41	3.23	<0.002	0.28	0.45	0.98	0.88	0.43	15.40	
D141059	324	41.6	12.30	6.09	17.75	5.03	2.81	3.69	0.002	0.30	0.50	1.85	0.80	0.49	7.19	
D141060	6	12.95	0.24	0.20	48.2	2.57	0.08	0.04	<0.002	0.01	0.01	0.02	0.01	<0.01	36.5	
D141061	245	32.8	11.35	7.12	18.35	5.70	1.91	3.18	0.010	1.23	0.43	2.23	0.59	0.36	13.40	
D141062	241	41.5	15.75	5.71	10.75	3.50	1.14	6.03	0.002	0.76	0.23	1.32	0.40	0.37	12.30	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 4 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D141023		99.65	<0.5	22	<0.5	27	30	130	36	130	153	14	<10	226	<0.005	
D141024		99.64	<0.5	23	0.7	20	23	140	24	58	128	10	<10	182	<0.005	
D141025		98.10	<0.5	23	0.8	20	22	130	25	53	133	10	<10	185	<0.005	
D141026		99.10	<0.5	34	2.9	34	40	240	29	286	263	21	<10	333	<0.005	
D141027		99.24	<0.5	15	0.6	14	8	120	92	46	110	8	<10	187	<0.005	
D141028		99.57	<0.5	27	0.8	25	23	160	26	109	107	13	<10	199	<0.005	
D141029		100.43	<0.5	32	0.8	27	34	200	50	87	146	10	<10	235	<0.005	
D141030		98.29	<0.5	169	<0.5	205	3060	20	60	80	8	17	<10	25	0.170	
D141031		99.86	<0.5	22	0.5	29	39	230	22	98	63	13	<10	191	<0.005	
D141032		99.04	<0.5	23	0.6	39	55	200	33	209	49	16	<10	330	<0.005	
D141033		98.63	<0.5	20	0.7	23	40	100	66	76	95	10	<10	158	<0.005	
D141034		99.97	<0.5	23	0.6	27	40	150	43	105	73	11	<10	180	<0.005	
D141035		99.29	<0.5	14	0.7	20	19	210	14	60	91	9	<10	175	<0.005	
D141036		99.39	<0.5	10	<0.5	48	69	70	7	248	14	17	<10	110	<0.005	
D141037		99.54	<0.5	<5	<0.5	52	84	20	2	283	4	19	<10	59	<0.005	
D141038		98.35	<0.5	13	0.8	32	20	350	15	158	137	16	<10	241	<0.005	
D141039		99.14	<0.5	14	2.1	34	47	200	48	162	226	19	<10	318	<0.005	
D141040		99.79	<0.5	<5	<0.5	<1	1	<10	1	2	4	<1	<10	4	0.005	
D141041		98.16	<0.5	12	0.8	33	62	200	20	151	48	19	<10	213	<0.005	
D141042		98.26	<0.5	16	0.7	47	84	150	27	230	37	18	<10	187	<0.005	
D141043		99.00	<0.5	<5	<0.5	45	63	30	5	168	5	22	<10	69	<0.005	
D141044		98.74	<0.5	<5	<0.5	36	49	50	3	112	6	24	<10	36	<0.005	
D141045		99.34	<0.5	13	<0.5	30	22	40	37	106	33	7	<10	24	<0.005	
D141046		99.37	<0.5	13	<0.5	18	39	140	17	75	47	5	<10	22	<0.005	
D141047		99.28	<0.5	25	0.5	25	17	250	20	122	46	8	<10	25	<0.005	
D141048		98.34	<0.5	19	<0.5	18	16	150	30	68	21	5	<10	62	<0.005	
D141049		100.09	<0.5	21	0.5	24	22	190	58	87	22	12	<10	103	<0.005	
D141050		99.15	<0.5	33	<0.5	21	60	10	45	148	117	46	<10	234	<0.005	
D141051		98.85	<0.5	15	<0.5	28	16	150	59	126	22	15	<10	70	<0.005	
D141052		98.52	<0.5	14	<0.5	31	17	160	20	160	28	15	<10	75	<0.005	
D141053		98.45	<0.5	16	0.5	23	22	270	19	100	18	15	<10	160	<0.005	
D141054		97.66	<0.5	37	<0.5	74	33	230	43	179	16	11	<10	61	0.006	
D141055		100.50	<0.5	15	0.6	27	13	230	34	96	19	11	<10	205	<0.005	
D141056		99.46	<0.5	18	0.5	15	17	310	14	87	20	10	<10	147	<0.005	
D141057		101.01	<0.5	12	<0.5	17	12	260	21	35	13	3	<10	77	<0.005	
D141058		99.63	<0.5	11	0.5	14	24	280	67	22	49	4	<10	122	<0.005	
D141059		100.40	<0.5	18	0.8	14	11	170	25	39	70	6	<10	158	<0.005	
D141060		100.83	<0.5	<5	<0.5	1	2	<10	<1	3	3	<1	<10	4	<0.005	
D141061		98.66	<0.5	22	0.5	35	38	200	58	84	24	12	<10	97	<0.005	
D141062		99.76	<0.5	17	<0.5	19	28	290	57	48	15	4	<10	50	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D141063		1.96	5020	1790	30	5.86	29.5	15.05	15.90	20.6	42.0	1.7	5.60	1100	1.38	448
D141064		2.00	3280	1885	20	6.50	32.1	17.65	16.95	23.1	45.5	6.4	6.28	1160	1.79	973
D141065		2.14	3920	2900	20	4.68	42.4	19.50	26.0	23.0	66.3	1.9	7.84	1680	1.51	696
D141066		2.12	3190	2430	20	6.66	40.8	18.20	23.7	26.3	62.2	2.2	7.33	1390	1.48	684
D141067		2.69	3560	1885	30	5.14	30.9	14.35	18.45	22.6	47.0	1.6	5.68	1095	1.32	523
D141068		1.88	3220	1755	20	5.31	29.2	14.65	17.45	24.1	45.3	4.1	5.34	1010	1.57	670
D141069		2.23	6030	1325	<10	7.54	31.1	19.75	13.20	27.1	34.6	11.8	6.47	807	2.38	1075
D141070		0.06	8600	88.8	40	0.80	3.62	2.16	1.14	18.7	4.02	3.5	0.77	88.8	0.31	8.2
D141071		1.70	3060	1120	10	6.23	27.9	17.85	11.50	20.0	31.4	10.2	5.84	669	2.18	788
D141072		2.19	4940	1825	50	7.15	26.9	14.55	15.55	26.3	40.4	6.2	5.28	1065	1.78	521
D141073		1.93	4700	1275	40	3.03	19.70	9.91	11.60	17.4	30.3	2.4	3.58	747	1.20	255
D141074		1.68	5310	3340	100	2.67	42.0	17.70	28.7	23.0	72.7	2.6	7.43	1905	1.39	779
D141075		<0.02	5330	3150	100	2.69	40.1	17.05	26.5	22.3	68.1	2.5	6.93	1805	1.28	730
D141076		2.09	4400	2800	130	4.34	25.8	9.27	21.4	30.7	52.3	4.0	4.19	1695	0.81	829
D141077		2.19	6530	1460	50	3.55	18.75	9.72	11.30	25.9	28.7	6.3	3.56	925	1.11	623
D141078		2.12	2180	1805	40	4.20	25.1	13.45	14.85	22.1	37.3	6.0	4.77	1115	1.64	420
D141079		1.90	5510	1200	30	2.87	13.80	7.86	8.74	19.7	21.7	4.0	2.75	750	0.98	240
D141080		0.73	33.4	7.3	<10	0.04	0.24	0.17	0.08	0.4	0.34	<0.1	0.06	4.9	0.03	2.0
D141081		3.01	3140	2660	90	3.77	32.6	14.00	22.2	26.8	55.9	3.4	5.72	1540	1.07	768
D141082		2.39	876	184.5	230	4.56	8.18	5.65	2.73	14.9	8.40	4.3	1.79	97.0	0.64	138.5
D141083		1.55	548	123.5	270	7.23	6.79	4.71	2.12	18.1	6.44	4.9	1.50	59.0	0.55	106.0
D141084		1.49	1805	129.5	220	6.29	6.53	3.61	2.49	13.9	6.73	4.3	1.30	62.2	0.41	90.9
D141085		1.35	2040	144.0	230	6.00	7.31	4.13	2.79	15.0	8.08	4.4	1.43	69.4	0.40	94.7
D141086		0.96	1985	145.5	230	5.58	7.52	4.22	3.18	15.6	8.80	4.7	1.55	71.9	0.44	97.1
D141087		1.97	1235	182.5	260	2.91	8.77	4.71	3.45	16.6	9.53	4.9	1.73	90.6	0.46	103.0
D141088		2.14	1230	180.0	260	1.69	8.01	3.95	3.50	16.4	9.86	4.7	1.65	89.0	0.37	103.5
D141089		1.54	1425	497	230	4.36	11.10	5.42	5.88	17.3	15.40	4.7	2.05	280	0.51	168.0
D141090		0.03	1055	5010	650	0.46	51.5	12.15	75.9	54.0	158.0	13.9	6.59	3820	0.62	1530
D141091		0.86	1900	420	200	5.02	9.43	4.69	4.74	16.4	12.60	4.3	1.83	228	0.47	159.0
D141092		1.08	1175	203	310	4.06	8.08	4.39	3.38	18.6	9.56	4.2	1.60	110.5	0.45	132.5
D141093		2.61	210	119.5	330	4.20	7.19	3.97	2.39	15.8	7.13	2.7	1.46	64.3	0.45	75.2
D141094		2.73	3260	2200	40	4.21	35.9	15.50	21.4	24.8	56.0	2.6	6.37	1320	1.20	268
D141095		1.91	9150	1175	40	1.43	16.20	8.46	8.73	21.6	22.8	5.1	3.16	835	0.84	117.0
D141096		1.99	8610	1180	50	2.24	15.85	8.32	7.97	21.7	21.2	3.8	3.10	864	0.80	157.0
D141097		2.07	4500	2490	80	6.62	43.1	20.8	23.5	27.3	61.8	4.4	7.83	1515	1.68	601
D141098		2.11	2150	6040	280	5.02	95.3	43.1	55.1	34.0	144.0	5.6	17.40	3500	2.72	2480
D141099		2.18	1830	7860	380	3.50	128.0	56.5	74.3	43.0	194.0	4.1	23.0	4510	2.98	>2500
D141100		0.47	24.9	38.2	<10	0.05	0.83	0.45	0.35	0.4	1.08	0.1	0.15	22.8	0.03	14.1
D141101		2.18	1595	9130	390	3.09	140.5	60.6	83.9	46.5	218	4.5	25.1	5160	3.18	>2500
D141102		1.90	3470	4370	150	4.99	76.9	34.8	42.4	31.7	114.0	3.8	14.05	2550	2.23	1130



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D141063		498	155.5	207	65.5	1	3760	16.4	5.49	99.6	1.99	18.50	103	5	155.5	11.85
D141064		541	166.5	156.0	71.5	2	6140	27.8	5.94	90.2	2.28	27.9	134	6	191.0	13.50
D141065		850	277	151.5	109.0	2	3860	19.3	8.17	129.5	2.39	33.2	112	7	206	13.55
D141066		737	222	189.5	97.2	1	3800	19.5	7.73	101.0	2.30	18.30	120	6	197.5	12.75
D141067		573	172.5	156.0	77.7	1	2900	18.6	5.95	92.9	1.82	20.0	139	6	156.5	11.10
D141068		539	161.0	156.0	73.5	2	1985	22.5	5.64	76.0	2.02	19.55	112	8	156.5	12.15
D141069		392	119.5	300	54.3	4	1895	44.9	5.15	98.3	2.88	28.6	64	5	188.5	18.10
D141070		23.4	7.06	106.5	4.65	6	103.5	0.5	0.61	9.71	0.34	17.25	293	45	21.5	2.14
D141071		339	101.5	183.0	47.1	3	1890	25.8	4.56	63.4	2.63	12.40	77	5	170.5	16.30
D141072		539	164.5	183.0	68.3	2	2050	16.8	4.97	73.0	2.00	11.15	119	8	149.0	13.15
D141073		389	117.0	77.9	49.7	1	1270	5.2	3.77	43.4	1.40	13.05	133	16	102.0	8.98
D141074		992	320	94.3	125.0	1	2840	18.0	8.84	94.0	2.15	18.10	182	25	208	11.55
D141075		936	303	94.7	118.0	1	2710	17.2	8.08	91.0	2.12	17.55	173	25	197.5	11.40
D141076		779	259	149.0	95.2	2	1940	10.3	5.89	54.8	1.10	11.45	159	21	130.0	5.93
D141077		397	124.5	172.5	49.1	3	1275	22.9	3.52	45.2	1.32	10.85	113	13	110.0	8.59
D141078		517	159.0	105.5	63.5	2	2510	10.2	4.78	54.3	1.91	7.14	150	11	136.5	11.65
D141079		319	101.5	153.5	38.7	2	663	7.8	2.69	36.8	1.11	4.22	105	12	79.5	7.33
D141080		2.4	0.77	1.1	0.39	<1	78.2	<0.1	0.05	0.25	0.02	0.17	<5	<1	2.4	0.15
D141081		757	251	107.5	94.3	1	2280	7.5	6.71	63.8	1.63	9.87	245	13	160.5	8.88
D141082		69.8	20.6	103.0	11.70	2	418	5.2	1.34	6.90	0.81	7.26	236	26	44.5	4.83
D141083		53.5	14.60	148.0	8.52	2	440	5.5	1.07	5.81	0.69	4.11	264	14	37.2	3.83
D141084		57.3	15.45	159.0	8.97	1	575	4.1	1.07	5.02	0.53	2.67	188	7	31.6	2.88
D141085		64.5	16.95	162.0	10.30	1	634	4.3	1.27	5.13	0.54	2.49	208	9	36.2	3.04
D141086		64.8	17.40	145.5	11.10	1	870	5.0	1.35	5.17	0.57	2.51	207	8	39.6	3.11
D141087		75.8	21.2	102.5	12.05	1	1120	5.4	1.50	5.88	0.59	1.48	234	2	52.2	3.20
D141088		76.1	20.9	77.0	12.10	1	1195	5.3	1.46	5.94	0.48	1.29	225	2	49.2	2.46
D141089		165.5	49.8	130.5	22.9	1	1275	5.3	2.09	18.85	0.70	4.34	237	10	61.7	3.63
D141090		2770	766	6.2	371	31	761	24.7	13.95	246	1.21	6.10	420	3	135.0	5.03
D141091		135.5	41.0	127.5	19.35	1	973	5.6	1.69	14.60	0.62	4.26	223	17	51.4	3.58
D141092		80.5	22.5	94.9	12.55	1	1165	5.8	1.40	12.35	0.53	8.13	226	8	45.7	3.20
D141093		47.7	13.45	85.5	8.38	1	716	3.4	1.17	8.60	0.55	7.41	183	18	39.8	2.96
D141094		679	211	145.5	88.5	1	2160	2.8	7.24	88.9	1.91	6.12	154	11	178.0	10.00
D141095		300	101.5	98.5	36.0	1	1885	0.8	3.10	31.1	1.13	3.35	101	12	98.8	6.81
D141096		286	99.2	139.0	33.7	1	3160	0.9	2.86	21.3	1.14	3.05	145	17	97.9	6.27
D141097		734	250	153.0	94.9	2	4520	10.4	8.43	89.8	2.57	11.15	226	12	218	13.85
D141098		1930	603	96.1	229	3	4510	50.1	18.85	385	5.15	20.6	252	16	493	24.3
D141099		2520	796	87.6	304	3	5470	58.8	25.4	372	6.39	36.0	316	57	609	29.4
D141100		12.5	3.87	0.6	1.57	<1	103.0	0.2	0.14	1.94	0.05	0.40	<5	1	5.0	0.28
D141101		2930	920	80.1	347	2	6720	57.6	28.5	392	6.95	27.3	236	12	688	31.8
D141102		1445	450	174.0	174.5	2	4090	23.4	15.15	209	4.24	30.8	182	13	394	20.5



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01
D141063		130	39.3	13.65	4.99	13.95	3.40	0.93	6.17	0.004	0.35	0.29	1.24	0.43	0.53	14.35
D141064		652	31.4	13.00	7.97	18.05	3.88	1.19	3.85	0.003	0.43	0.32	1.86	0.70	0.34	16.30
D141065		159	32.8	11.45	7.32	15.60	5.76	0.65	3.96	0.003	0.40	0.42	2.47	0.45	0.42	17.65
D141066		175	36.6	15.10	6.15	12.65	4.81	1.12	4.97	0.003	0.49	0.29	1.66	0.44	0.34	14.35
D141067		123	35.8	14.75	5.90	10.65	5.71	0.61	4.56	0.003	0.38	0.29	1.38	0.33	0.37	17.40
D141068		332	36.8	15.50	6.73	9.47	5.90	0.60	4.50	0.002	0.40	0.25	1.02	0.23	0.34	16.45
D141069		1215	45.2	16.60	7.86	6.33	4.20	0.67	6.49	<0.002	0.13	0.27	1.12	0.22	0.65	10.20
D141070		141	42.0	10.80	23.6	5.81	2.09	1.82	4.17	0.006	0.86	0.32	0.18	0.01	0.93	5.87
D141071		940	38.9	12.40	13.30	10.70	3.31	0.43	4.52	<0.002	0.19	0.25	0.96	0.21	0.32	13.55
D141072		535	46.3	14.95	10.60	6.69	3.10	0.81	5.23	0.007	0.29	0.14	1.24	0.24	0.53	9.92
D141073		183	29.9	9.22	16.25	18.55	2.42	0.46	2.84	0.006	0.27	0.32	0.81	0.15	0.51	18.25
D141074		209	32.1	9.94	17.25	16.60	1.96	0.77	3.02	0.016	1.09	0.23	3.15	0.35	0.59	13.75
D141075		202	32.4	9.93	17.00	16.55	1.90	0.89	3.01	0.015	1.02	0.23	3.01	0.33	0.59	13.90
D141076		215	45.8	15.10	14.20	5.70	2.81	0.57	4.92	0.018	1.41	0.15	0.98	0.23	0.47	8.90
D141077		588	55.9	13.90	10.45	4.00	1.72	0.41	7.15	0.006	0.35	0.13	0.53	0.15	0.71	6.25
D141078		514	38.5	11.70	12.50	13.05	2.49	0.56	3.60	0.005	0.24	0.19	2.20	0.29	0.24	13.40
D141079		308	55.7	12.05	7.68	5.78	0.85	1.86	6.28	0.003	0.26	0.13	0.22	0.08	0.59	7.00
D141080		3	11.80	0.21	0.21	48.1	2.33	0.07	0.04	<0.002	0.01	0.01	0.01	0.01	<0.01	37.3
D141081		208	57.0	11.05	10.65	6.25	1.78	0.70	3.67	0.013	0.81	0.11	1.70	0.26	0.34	7.47
D141082		251	52.0	13.15	16.55	2.11	1.71	0.48	7.02	0.031	1.63	0.08	1.12	0.05	0.10	5.84
D141083		259	44.7	14.80	18.70	2.09	3.18	0.72	5.55	0.037	1.95	0.06	1.32	0.05	0.06	8.07
D141084		229	42.2	12.65	12.10	8.32	2.74	0.99	5.09	0.030	1.70	0.08	1.19	0.07	0.20	12.05
D141085		235	43.5	13.35	12.85	5.88	2.76	0.90	5.05	0.031	1.73	0.06	1.21	0.07	0.23	11.35
D141086		242	42.8	13.80	12.20	7.17	2.63	1.06	4.51	0.031	1.80	0.07	1.26	0.10	0.22	11.75
D141087		262	40.3	14.85	12.45	9.14	4.10	1.58	3.63	0.036	1.92	0.15	1.35	0.13	0.14	9.91
D141088		261	37.5	14.60	15.60	9.55	4.43	1.75	2.83	0.034	1.86	0.17	1.28	0.14	0.14	9.88
D141089		264	46.0	13.85	11.55	5.90	2.68	1.47	4.43	0.031	1.61	0.11	1.43	0.15	0.16	9.63
D141090		651	29.6	11.40	50.2	1.90	1.77	0.23	0.15	0.084	3.20	0.12	1.17	0.09	0.12	1.16
D141091		261	44.2	11.90	16.70	4.32	3.20	0.85	3.75	0.027	1.49	0.19	1.50	0.11	0.21	11.70
D141092		240	44.1	14.50	5.66	6.75	4.19	1.27	2.90	0.041	1.83	0.20	1.52	0.14	0.13	16.30
D141093		148	42.3	12.00	14.70	6.02	4.20	0.96	2.98	0.045	1.31	0.27	0.57	0.08	0.02	15.15
D141094		164	46.7	12.50	8.50	9.27	2.82	0.63	5.55	0.006	0.29	0.25	2.10	0.25	0.34	10.65
D141095		217	52.2	13.60	4.53	8.03	1.76	3.63	5.38	0.006	0.29	0.22	0.37	0.22	1.00	9.45
D141096		153	51.7	13.15	3.96	9.77	2.12	3.24	5.97	0.007	0.37	0.29	0.20	0.37	0.92	8.13
D141097		315	32.5	12.65	10.60	18.00	4.44	1.15	4.01	0.011	1.06	0.39	1.80	0.53	0.48	13.15
D141098		387	25.0	7.65	10.05	22.6	4.90	0.61	2.31	0.038	2.25	0.45	5.67	0.53	0.24	15.75
D141099		305	24.7	7.69	9.08	24.6	3.96	0.33	2.39	0.051	2.72	0.43	7.69	0.64	0.20	15.35
D141100		4	11.90	0.14	0.20	48.3	2.15	0.03	0.02	<0.002	0.02	0.01	0.04	0.01	<0.01	37.4
D141101		372	23.4	7.57	10.70	25.5	4.15	0.74	2.23	0.052	2.64	0.37	9.26	0.80	0.18	10.75
D141102		291	34.1	11.65	7.73	18.70	3.63	0.57	4.98	0.020	1.20	0.32	4.45	0.49	0.38	12.35



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 5 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D141063		99.58	<0.5	15	<0.5	12	13	230	36	43	11	4	<10	40	<0.005	
D141064		99.29	<0.5	16	<0.5	12	17	320	29	56	5	8	<10	58	0.009	
D141065		99.35	<0.5	21	<0.5	27	11	170	27	79	17	6	<10	35	<0.005	
D141066		98.97	<0.5	18	<0.5	23	13	340	60	64	11	8	<10	44	<0.005	
D141067		98.13	<0.5	25	<0.5	40	17	170	55	83	20	5	<10	34	<0.005	
D141068		98.19	<0.5	19	<0.5	33	7	250	27	76	14	4	<10	27	<0.005	
D141069		99.94	<0.5	15	<0.5	12	25	200	29	40	6	1	<10	44	<0.005	
D141070		98.47	<0.5	153	<0.5	203	2930	20	58	80	5	16	<10	23	0.170	
D141071		99.04	<0.5	12	0.7	9	16	160	9	38	6	5	<10	51	<0.005	
D141072		100.05	<0.5	16	0.5	10	17	130	5	65	12	5	<10	50	<0.005	
D141073		99.96	<0.5	7	1.2	16	15	70	9	78	17	7	<10	85	<0.005	
D141074		100.82	<0.5	18	0.9	14	20	90	9	92	19	9	<10	95	<0.005	
D141075		100.78	<0.5	18	0.9	15	13	80	10	92	16	9	<10	92	<0.005	
D141076		101.26	<0.5	13	<0.5	13	27	160	8	89	23	12	<10	77	<0.005	
D141077		101.66	<0.5	10	<0.5	9	13	120	7	57	16	4	<10	51	<0.005	
D141078		98.97	<0.5	14	0.6	10	12	170	6	70	16	6	<10	57	<0.005	
D141079		98.48	<0.5	7	<0.5	7	14	30	10	36	26	4	<10	31	<0.005	
D141080		100.10	<0.5	<5	<0.5	1	1	<10	<1	3	<2	<1	<10	3	<0.005	
D141081		101.80	<0.5	14	<0.5	9	18	130	7	71	14	10	<10	46	<0.005	
D141082		101.87	<0.5	<5	<0.5	8	34	20	8	62	4	15	<10	51	<0.005	
D141083		101.29	<0.5	<5	<0.5	8	20	20	5	80	3	22	<10	30	<0.005	
D141084		99.41	<0.5	<5	<0.5	6	4	30	4	37	2	21	<10	24	<0.005	
D141085		98.97	<0.5	<5	<0.5	7	7	30	3	45	<2	23	<10	21	<0.005	
D141086		99.40	<0.5	<5	<0.5	6	5	30	2	48	<2	20	<10	20	<0.005	
D141087		99.69	<0.5	<5	<0.5	68	35	50	2	163	3	24	<10	46	<0.005	
D141088		99.76	<0.5	<5	<0.5	59	32	30	2	197	3	23	<10	57	<0.005	
D141089		99.00	<0.5	6	<0.5	21	9	40	4	72	4	21	<10	28	<0.005	
D141090		101.19	<0.5	34	0.7	20	60	10	46	151	117	46	<10	235	<0.005	
D141091		100.15	<0.5	<5	<0.5	13	14	30	4	73	5	20	<10	33	<0.005	
D141092		99.53	<0.5	<5	<0.5	74	29	40	46	165	10	22	<10	19	0.029	
D141093		100.61	<0.5	<5	<0.5	44	33	30	18	156	4	20	<10	38	<0.005	
D141094		99.86	<0.5	14	<0.5	10	8	140	10	69	20	6	<10	43	<0.005	
D141095		100.69	<0.5	8	<0.5	14	59	40	42	38	20	4	<10	21	<0.005	
D141096		100.20	<0.5	6	<0.5	11	17	60	66	31	87	8	<10	71	<0.005	
D141097		100.77	<0.5	17	0.5	35	13	330	66	98	17	13	<10	100	<0.005	
D141098		98.05	<0.5	21	0.5	67	60	160	26	195	22	22	<10	64	<0.005	
D141099		99.83	<0.5	23	0.6	30	46	130	23	145	33	15	10	81	<0.005	0.26
D141100		100.22	<0.5	<5	<0.5	1	2	<10	<1	3	<2	<1	<10	4	<0.005	
D141101		98.34	<0.5	22	0.8	43	27	130	14	180	34	14	<10	109	<0.005	0.33
D141102		100.57	<0.5	19	<0.5	39	27	170	91	115	21	11	<10	73	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		Recvd Wt. kg	Ba ppm	Ce ppm	Cr ppm	Cs ppm	Dy ppm	Er ppm	Eu ppm	Ga ppm	Gd ppm	Hf ppm	Ho ppm	La ppm	Lu ppm	Nb ppm
D141103		2.13	4370	1435	20	7.35	21.7	11.15	12.25	24.0	31.5	2.2	4.10	962	1.15	478
D141104		1.68	2200	280	<10	3.03	7.99	5.89	2.62	17.2	7.06	5.7	1.76	169.5	0.83	382
D141105		1.64	2930	1735	20	7.43	27.2	12.95	15.55	24.4	40.5	1.7	5.05	1115	1.19	582
D141106		2.07	4000	1870	10	6.16	33.4	16.55	17.30	24.4	45.8	3.3	6.33	1225	1.38	526
D141107		2.11	3780	2080	20	9.05	35.5	16.75	19.95	23.2	52.0	3.2	6.62	1245	1.49	760
D141108		2.50	2910	3640	70	6.71	53.2	24.1	31.5	26.5	82.1	3.0	9.72	2190	1.57	1030
D141109		3.61	1345	210	190	2.39	5.96	2.86	3.36	15.0	8.75	4.4	1.13	111.0	0.38	116.5
D141110		0.07	8650	85.8	50	0.74	3.88	2.21	1.15	18.9	4.05	3.5	0.75	91.0	0.33	7.5
D141111		2.30	1335	203	190	2.16	6.15	3.23	3.16	15.0	8.67	4.2	1.18	108.0	0.40	115.5
D141112		1.54	1295	2330	220	5.61	35.8	16.35	21.4	23.2	56.0	3.2	6.46	1380	1.28	919
D141113		2.20	3500	3640	400	15.25	61.0	28.1	34.0	29.0	91.1	3.6	11.20	2180	1.66	857
D141114		2.26	1925	6310	270	2.91	104.0	46.1	60.0	33.3	155.0	3.3	18.45	3660	2.54	1825
D141115		2.23	2020	2090	30	3.36	33.3	16.20	18.50	22.1	48.2	2.6	6.17	1265	1.43	756
D141116		2.24	1875	3640	60	3.54	62.2	27.9	34.8	25.8	93.1	2.5	11.30	2130	1.75	1125
D141117		2.04	2790	2000	10	4.53	23.4	10.60	14.65	23.2	35.1	2.8	4.25	1140	1.13	1405
D141118		2.23	6040	1650	20	9.87	26.4	13.55	12.95	21.8	32.4	2.3	5.11	1015	1.36	490
D141119		1.78	3260	1610	30	4.88	24.1	12.20	13.70	21.4	33.8	2.3	4.58	940	1.26	551
D141120		0.55	34.6	11.9	<10	0.05	0.45	0.23	0.12	0.4	0.46	0.1	0.06	8.0	0.02	3.9
D141121		2.29	1430	225	200	1.97	6.55	3.46	3.34	16.2	8.93	4.3	1.28	112.5	0.41	119.0
D141122		2.90	1535	227	190	1.53	6.41	3.22	3.42	15.9	9.17	4.2	1.23	113.5	0.42	117.0
D141123		1.35	6400	1360	100	4.98	22.5	10.60	12.05	18.6	30.3	2.3	4.17	803	0.97	441
D141124		1.96	2900	1170	120	4.02	19.75	9.70	10.95	18.6	27.9	2.7	3.68	688	1.05	364
D141125		<0.02	3020	1260	110	4.02	20.7	10.25	11.55	19.3	29.7	2.4	3.95	745	1.02	390
D141126		2.29	2950	3130	80	4.96	44.1	20.4	25.8	24.3	65.4	2.0	8.18	1775	1.58	1220
D141127		2.30	2400	3180	20	5.18	47.0	22.3	27.3	23.2	67.2	1.6	8.72	1850	1.65	1040
D141128		2.10	5170	2010	130	6.90	26.6	12.65	15.80	23.3	39.0	2.1	4.80	1185	1.13	945
D141129		2.58	2900	4100	130	3.57	65.3	31.2	38.1	22.6	98.4	1.9	12.25	2420	1.80	779
D141130		0.02	1035	5140	610	0.42	49.3	11.75	74.9	51.2	151.5	12.9	6.49	3690	0.66	1475
D141131		3.43	1350	231	200	2.96	6.34	3.38	3.34	15.5	9.14	4.1	1.22	119.0	0.41	117.5
D141132		1.73	3100	2930	80	3.78	41.3	19.10	24.7	21.2	63.7	2.3	7.62	1685	1.34	679
D141133		4.30	657	173.0	370	3.27	6.65	3.30	2.73	18.4	7.85	3.1	1.28	93.2	0.38	82.2
D141134		3.70	547	184.0	360	2.80	7.03	3.75	2.93	17.3	8.29	3.0	1.45	99.6	0.43	80.8
D141135		1.95	9150	2220	30	3.89	13.95	6.26	11.55	25.3	26.0	2.9	2.47	1415	0.66	514
D141136		2.21	507	181.0	<10	2.73	6.98	4.59	1.61	19.6	5.79	10.2	1.53	100.0	0.70	205
D141137		1.42	1515	1705	50	4.05	25.0	13.10	14.05	20.8	35.1	4.5	4.88	993	1.33	781
D141138		2.10	6430	1530	20	6.20	25.1	12.35	12.35	21.4	31.0	2.6	4.56	960	1.36	728
D141139		2.19	7470	2020	60	4.83	28.6	12.50	17.15	24.2	42.7	1.3	5.04	1215	0.94	772
D141140		0.42	55.3	15.9	<10	0.04	0.39	0.29	0.17	0.4	0.49	0.1	0.08	10.6	0.03	6.8
D141141		2.14	7780	1420	40	5.32	18.35	8.81	10.55	21.7	26.0	1.9	3.36	880	0.93	753
D141142		2.03	5630	1050	60	7.18	18.40	9.24	8.55	21.3	21.6	2.6	3.53	683	1.06	504



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	
		Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.02	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.1	0.03
D141103		398	130.5	271	50.6	1	2220	16.8	4.26	55.2	1.49	13.35	102	9	121.5	9.01
D141104		73.3	24.8	178.0	9.80	2	931	17.2	1.19	37.9	0.96	19.80	9	1	52.5	5.90
D141105		492	160.0	227	61.4	1	2630	12.8	5.26	58.3	1.72	11.95	110	9	140.0	9.64
D141106		531	172.5	267	69.7	1	3160	14.3	6.33	76.5	2.21	10.70	78	9	180.0	11.85
D141107		628	199.5	201	80.5	1	4400	17.1	7.09	100.5	2.15	19.70	114	10	179.0	11.60
D141108		1050	364	116.0	130.5	1	4310	19.4	10.80	139.5	2.86	11.30	124	12	264	14.10
D141109		84.4	23.7	59.4	12.40	1	1825	5.0	1.14	9.99	0.40	4.93	190	3	32.0	2.44
D141110		23.6	7.18	108.5	4.33	5	104.0	0.3	0.69	9.68	0.31	17.55	294	46	21.5	1.99
D141111		82.6	23.1	56.9	12.10	1	1795	5.4	1.19	9.71	0.43	3.60	188	1	33.2	2.49
D141112		698	238	120.0	87.1	1	3140	17.9	7.20	61.5	1.97	15.95	163	10	179.0	10.30
D141113		1095	365	214	140.0	2	4630	14.9	12.00	88.3	3.34	12.50	190	8	325	15.70
D141114		2040	635	75.8	244	2	8450	47.1	20.7	202	5.35	48.3	160	12	523	25.2
D141115		611	197.5	80.1	76.8	1	4440	10.9	6.69	67.4	1.99	13.25	98	8	175.0	11.10
D141116		1115	372	90.7	143.0	1	7080	22.4	12.45	121.5	3.37	22.4	98	9	321	16.45
D141117		520	169.5	132.5	60.6	1	5500	20.8	4.77	82.8	1.47	8.47	85	10	110.5	7.89
D141118		427	138.0	309	52.7	1	4050	11.0	4.88	81.2	1.83	7.65	100	11	147.0	10.55
D141119		447	140.0	162.0	57.1	1	3380	14.0	4.58	69.0	1.62	10.05	109	8	126.0	9.54
D141120		3.9	1.22	1.1	0.61	<1	103.5	<0.1	0.05	0.64	0.03	0.41	8	<1	3.3	0.25
D141121		88.0	23.8	52.9	13.50	1	1890	4.6	1.25	10.65	0.49	3.78	195	3	33.9	2.78
D141122		88.2	23.9	46.7	13.30	1	1975	4.2	1.23	10.85	0.43	3.81	191	2	32.6	2.68
D141123		380	119.0	165.5	49.0	2	3350	11.4	4.27	80.2	1.46	9.36	130	9	117.0	8.34
D141124		340	104.0	93.4	45.0	1	3590	9.9	3.74	44.0	1.26	8.14	146	5	103.5	7.25
D141125		360	111.5	99.1	48.1	1	3780	10.4	3.99	47.0	1.30	8.29	139	5	109.0	7.82
D141126		879	290	99.7	108.5	1	5640	23.6	8.77	101.5	2.58	12.90	123	12	227	13.00
D141127		895	298	126.5	111.5	1	6090	17.7	9.26	136.5	2.75	13.20	113	17	240	14.15
D141128		541	173.5	201	65.9	1	4090	14.0	5.17	73.3	1.60	7.54	129	11	135.0	8.70
D141129		1205	384	118.0	154.5	1	6110	10.0	13.00	161.0	3.64	37.7	99	12	349	17.50
D141130		2770	737	6.0	372	30	748	22.9	13.30	245	1.13	6.01	404	3	130.5	4.98
D141131		88.3	24.3	81.6	13.05	1	1725	4.8	1.14	11.10	0.45	4.98	187	2	35.6	2.51
D141132		842	275	105.5	108.5	1	3200	7.2	8.35	211	2.34	32.3	158	7	208	12.10
D141133		62.7	17.40	78.2	10.60	1	963	4.0	1.22	10.70	0.43	18.55	208	9	36.2	2.57
D141134		67.9	18.40	79.1	10.40	1	912	3.9	1.26	10.85	0.52	6.92	199	4	38.8	2.67
D141135		551	184.0	178.0	54.2	1	1760	18.5	3.17	102.0	0.82	13.35	97	12	76.4	4.99
D141136		50.5	16.15	248	7.38	3	439	13.5	1.05	56.9	0.75	21.5	<5	2	48.4	4.46
D141137		481	150.0	132.5	59.2	2	2090	18.8	4.86	97.1	1.82	41.2	82	15	134.5	9.77
D141138		413	130.5	262	51.3	1	2540	23.3	4.64	135.5	1.65	23.7	149	6	124.0	9.89
D141139		559	177.0	232	70.5	1	2720	21.6	5.54	112.5	1.49	68.6	134	8	133.5	8.30
D141140		5.2	1.64	1.5	0.58	<1	98.3	0.1	0.06	0.96	0.03	0.67	<5	<1	3.0	0.21
D141141		374	120.5	236	45.0	1	2950	16.8	3.59	77.1	1.17	6.30	102	4	95.5	6.51
D141142		269	87.4	245	33.8	1	4500	14.1	3.16	60.9	1.32	6.33	109	4	105.0	8.09



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81 Zr ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %	OA-GRA05 LOI %
D141103		170	44.8	16.40	6.57	8.42	2.66	1.11	6.72	0.003	0.43	0.20	0.92	0.26	0.46	10.90
D141104		454	54.5	18.75	3.75	3.29	1.85	1.20	7.50	<0.002	0.21	0.08	0.16	0.11	0.24	8.88
D141105		123	40.1	16.80	6.44	10.05	3.02	1.29	5.28	0.003	0.48	0.22	1.07	0.31	0.31	13.15
D141106		262	43.2	16.95	5.91	11.15	2.50	0.86	7.72	0.002	0.50	0.27	1.92	0.37	0.43	10.10
D141107		263	41.1	15.35	6.76	14.25	4.17	1.77	5.25	0.003	0.48	0.40	2.27	0.52	0.40	8.97
D141108		241	31.1	11.95	6.67	20.4	3.88	1.46	3.21	0.010	1.15	0.30	3.66	0.51	0.31	15.70
D141109		234	41.7	14.45	10.65	11.25	4.33	2.11	2.28	0.026	1.82	0.17	1.45	0.21	0.15	9.14
D141110		144	42.3	10.85	24.4	5.87	2.07	1.86	4.17	0.006	0.88	0.32	0.18	0.01	0.93	6.34
D141111		234	41.2	14.55	12.35	9.90	4.83	2.04	2.20	0.025	1.83	0.15	1.47	0.21	0.15	7.79
D141112		229	38.6	11.90	10.00	15.00	5.00	1.83	3.02	0.028	1.24	0.35	2.51	0.37	0.14	10.70
D141113		217	32.6	9.34	10.65	17.50	8.41	1.81	3.75	0.053	1.87	0.45	4.15	0.54	0.37	8.30
D141114		235	28.0	7.68	9.07	25.6	5.27	1.78	1.89	0.036	1.56	0.45	8.47	0.99	0.21	7.86
D141115		206	40.7	14.20	6.33	17.15	5.32	3.25	2.80	0.003	0.55	0.48	2.40	0.52	0.22	7.45
D141116		212	36.1	10.75	7.14	22.1	5.69	3.14	2.45	0.007	0.61	0.47	5.39	0.83	0.21	6.40
D141117		239	39.6	15.25	6.04	15.85	4.91	4.24	3.29	0.002	0.76	0.47	1.44	0.64	0.30	8.43
D141118		181	42.9	15.60	5.90	13.40	2.88	3.18	5.17	0.003	0.52	0.45	0.76	0.47	0.66	8.33
D141119		175	36.1	15.00	7.81	14.00	3.74	1.66	3.71	0.005	0.54	0.39	1.44	0.39	0.35	16.30
D141120		4	10.50	0.35	0.20	50.6	2.04	0.12	0.07	<0.002	0.03	0.02	0.02	0.01	<0.01	37.9
D141121		246	42.5	15.05	10.90	10.75	5.08	2.42	2.12	0.028	1.84	0.20	1.46	0.22	0.16	8.70
D141122		243	41.8	14.65	10.55	11.90	5.10	2.57	1.96	0.027	1.75	0.22	1.43	0.23	0.17	8.60
D141123		171	42.5	14.55	7.35	12.40	3.86	2.42	3.88	0.013	0.95	0.33	1.57	0.39	0.69	10.15
D141124		170	42.1	14.60	8.39	14.10	4.75	2.98	2.58	0.017	1.03	0.39	1.80	0.42	0.31	8.05
D141125		160	41.3	13.95	8.13	13.40	4.72	3.03	2.58	0.015	0.94	0.41	1.78	0.43	0.33	7.87
D141126		172	36.8	12.25	7.93	18.75	5.41	2.53	2.36	0.011	0.89	0.46	3.80	0.66	0.32	8.43
D141127		158	37.5	12.30	8.19	18.95	5.27	2.33	2.93	0.003	0.72	0.49	3.95	0.70	0.26	6.90
D141128		150	37.3	13.65	8.41	13.90	6.75	2.41	4.13	0.017	0.97	0.48	1.97	0.48	0.57	9.50
D141129		176	18.50	4.78	9.28	27.7	8.11	0.71	2.19	0.017	0.65	0.57	7.07	0.71	0.31	19.65
D141130		610	29.0	11.15	48.4	1.85	1.78	0.22	0.15	0.085	2.99	0.12	1.09	0.09	0.12	1.26
D141131		234	40.9	14.45	11.00	10.60	3.79	2.03	2.77	0.028	1.72	0.20	1.41	0.20	0.15	11.45
D141132		182	27.2	8.00	7.13	21.1	6.93	0.59	2.54	0.011	0.82	0.40	4.35	0.38	0.33	20.2
D141133		166	43.5	14.20	5.63	10.10	4.35	2.07	2.52	0.052	1.49	0.19	0.64	0.11	0.07	16.75
D141134		166	40.3	14.05	7.36	13.00	4.02	2.09	2.55	0.051	1.48	0.27	0.66	0.11	0.06	15.95
D141135		227	53.6	16.90	3.21	5.90	2.28	0.67	6.48	0.003	0.49	0.20	0.71	0.21	1.00	10.30
D141136		776	58.2	16.95	2.49	3.47	1.84	1.06	9.53	<0.002	0.06	0.12	0.07	0.05	0.06	8.10
D141137		352	38.6	13.60	6.52	12.80	4.75	0.65	4.26	0.007	0.46	0.36	2.04	0.25	0.17	16.20
D141138		207	43.7	16.40	7.40	8.85	2.61	0.82	7.65	0.003	0.59	0.25	1.25	0.30	0.68	9.70
D141139		107	44.3	15.30	5.70	8.64	3.39	0.41	7.84	0.008	0.72	0.21	2.21	0.32	0.79	9.00
D141140		3	12.50	0.21	0.22	49.2	2.12	0.04	0.06	<0.002	0.01	0.01	0.03	0.01	0.01	37.2
D141141		144	43.8	16.05	6.36	10.00	2.72	1.19	7.09	0.005	0.59	0.28	1.00	0.35	0.83	9.85
D141142		187	42.8	15.95	5.68	12.20	2.59	3.13	5.87	0.009	0.55	0.42	0.60	0.53	0.59	8.47



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 6 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total %	Ag ppm	As ppm	Cd ppm	Co ppm	Cu ppm	Li ppm	Mo ppm	Ni ppm	Pb ppm	Sc ppm	Tl ppm	Zn ppm	Au ppm	Nb %
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D141103		99.85	<0.5	10	<0.5	10	12	150	42	26	6	2	<10	48	<0.005	
D141104		100.52	<0.5	<5	<0.5	4	5	70	19	9	3	<1	<10	21	<0.005	
D141105		98.52	<0.5	10	<0.5	9	11	270	25	29	10	2	<10	51	<0.005	
D141106		101.88	<0.5	11	<0.5	7	4	190	27	26	7	2	<10	66	<0.005	
D141107		101.69	<0.5	16	0.6	63	48	240	35	171	32	4	<10	132	<0.005	
D141108		100.31	<0.5	18	0.5	49	102	240	30	138	24	9	<10	51	<0.005	
D141109		99.74	<0.5	<5	<0.5	38	55	30	2	87	6	19	<10	45	<0.005	
D141110		100.19	<0.5	153	0.6	204	2890	20	58	82	6	16	<10	23	0.182	
D141111		98.70	<0.5	<5	<0.5	37	58	30	2	98	5	20	<10	55	<0.005	
D141112		100.69	<0.5	11	<0.5	28	14	100	17	110	8	9	<10	108	<0.005	
D141113		99.79	<0.5	12	0.5	29	13	120	12	171	20	12	<10	223	<0.005	
D141114		98.87	<0.5	22	0.8	29	35	120	21	123	56	11	10	155	<0.005	
D141115		101.37	<0.5	9	0.6	16	18	240	20	38	36	4	<10	161	<0.005	
D141116		101.29	<0.5	14	1.2	26	31	170	39	88	87	6	<10	153	<0.005	
D141117		101.22	<0.5	11	0.8	18	12	240	73	25	55	3	<10	151	<0.005	
D141118		100.22	<0.5	10	0.7	11	10	180	60	27	38	3	<10	136	0.013	
D141119		101.44	<0.5	14	<0.5	18	11	240	47	45	21	5	<10	56	<0.005	
D141120		101.86	<0.5	<5	<0.5	1	7	<10	1	2	<2	1	<10	3	<0.005	
D141121		101.43	<0.5	<5	<0.5	42	54	50	3	103	12	20	<10	55	<0.005	
D141122		100.96	<0.5	<5	<0.5	41	54	40	2	91	15	19	<10	53	<0.005	
D141123		101.05	<0.5	9	0.5	26	25	100	47	58	22	10	<10	69	<0.005	
D141124		101.52	<0.5	9	<0.5	30	35	140	21	66	21	11	<10	103	<0.005	
D141125		98.89	<0.5	9	0.5	28	33	150	22	63	23	10	<10	113	<0.005	
D141126		100.60	<0.5	18	0.8	31	31	270	67	68	31	8	<10	130	0.006	
D141127		100.49	<0.5	22	1.0	37	39	250	75	61	39	6	<10	142	<0.005	
D141128		100.54	<0.5	18	<0.5	29	18	210	136	92	9	7	<10	167	<0.005	
D141129		100.25	<0.5	30	0.6	33	28	70	66	98	22	9	<10	108	<0.005	
D141130		98.31	<0.5	32	0.7	20	60	10	45	148	120	46	<10	232	<0.005	
D141131		100.70	<0.5	<5	<0.5	36	41	30	2	92	6	18	<10	32	<0.005	
D141132		99.98	<0.5	16	<0.5	32	25	90	25	107	18	8	<10	58	<0.005	
D141133		101.67	<0.5	<5	<0.5	48	76	30	4	154	4	23	<10	17	<0.005	
D141134		101.95	<0.5	<5	<0.5	40	69	20	1	125	5	22	<10	21	<0.005	
D141135		101.95	<0.5	10	<0.5	12	19	70	54	76	13	2	<10	16	<0.005	
D141136		102.00	<0.5	6	<0.5	5	10	10	23	28	16	<1	<10	25	<0.005	
D141137		100.67	<0.5	11	<0.5	16	8	100	25	60	15	4	<10	44	<0.005	
D141138		100.20	<0.5	9	<0.5	12	6	120	11	31	13	3	<10	56	<0.005	
D141139		98.84	<0.5	16	<0.5	14	13	100	16	27	41	13	<10	62	<0.005	
D141140		101.62	<0.5	<5	<0.5	<1	1	<10	1	4	<2	<1	<10	4	<0.005	
D141141		100.12	<0.5	9	<0.5	12	5	100	5	31	9	4	<10	84	<0.005	
D141142		99.39	<0.5	8	0.7	12	12	130	8	45	38	4	<10	160	<0.005	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - A
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS	TM21290092
-------------------------	------------

Sample Description	Method	Analyte	Units	LOD	WEI-21 Recvd Wt.	ME-MS81 Ba	ME-MS81 Ce	ME-MS81 Cr	ME-MS81 Cs	ME-MS81 Dy	ME-MS81 Er	ME-MS81 Eu	ME-MS81 Ga	ME-MS81 Gd	ME-MS81 Hf	ME-MS81 Ho	ME-MS81 La	ME-MS81 Lu	ME-MS81 Nb
					kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
D141143					0.02	0.5	0.1	10	0.01	0.05	0.03	0.02	0.1	0.05	0.1	0.01	0.1	0.01	0.1
D141144					1.22	1575	1080	20	5.40	12.80	7.02	6.11	24.9	16.45	6.7	2.54	676	0.86	607
					2.14	246	177.5	<10	5.90	6.65	3.90	1.58	21.2	5.83	11.1	1.43	105.5	0.59	202



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - B
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092
--

Sample Description	Method Analyte Units LOD	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03
D141143		273	90.9	257	29.3	2	1035	17.1	2.26	82.0	1.06	28.2	94	5	71.1	6.11
D141144		43.7	14.75	257	7.10	3	255	14.4	1.03	65.7	0.58	36.3	<5	3	47.6	3.90



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - C
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05
		Zr ppm	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	Cr2O3 %	TiO2 %	MnO %	P2O5 %	SrO %	BaO %	LOI %	
		2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	
D141143		506	52.2	18.60	5.49	2.59	2.28	1.22	7.31	0.003	0.37	0.08	0.69	0.12	0.17	7.95	
D141144		844	59.1	18.65	3.46	1.38	0.95	1.96	10.00	<0.002	0.13	0.08	0.05	0.03	0.03	4.36	



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 7 - D
 Total # Pages: 7 (A - D)
 Plus Appendix Pages
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

Sample Description	Method Analyte Units LOD	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	Au-AA23	Nb-XRF10
		Total	Ag	As	Cd	Co	Cu	Li	Mo	Ni	Pb	Sc	Tl	Zn	Au	Nb
		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	5	0.5	1	1	10	1	1	2	1	10	2	0.005	0.01
D141143		99.07	<0.5	7	<0.5	10	5	70	12	30	22	3	<10	46	<0.005	
D141144		100.18	<0.5	<5	<0.5	3	10	20	8	9	17	1	<10	34	<0.005	

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 – 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 3-DEC-2021
 Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290092

CERTIFICATE COMMENTS													
	ANALYTICAL COMMENTS												
Applies to Method:	NSS is non-sufficient sample. ALL METHODS												
	LABORATORY ADDRESSES												
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>Au-AA23</td> <td>ME-4ACD81</td> <td>ME-ICP06</td> <td>ME-MS81</td> </tr> <tr> <td>ME-XRF10</td> <td>Nb-XRF10</td> <td>OA-GRA05</td> <td>OA-GRA06</td> </tr> <tr> <td>TOT-ICP06</td> <td></td> <td></td> <td></td> </tr> </table>	Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81	ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06	TOT-ICP06			
Au-AA23	ME-4ACD81	ME-ICP06	ME-MS81										
ME-XRF10	Nb-XRF10	OA-GRA05	OA-GRA06										
TOT-ICP06													
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 – 2090 Riverside Drive, Timmins, ON, Canada.</p> <table border="0"> <tr> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-21</td> <td>LOG-21d</td> </tr> <tr> <td>LOG-23</td> <td>PUL-31</td> <td>PUL-31d</td> <td>PUL-QC</td> </tr> <tr> <td>SPL-21</td> <td>SPL-21d</td> <td>WEI-21</td> <td></td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-21d	LOG-23	PUL-31	PUL-31d	PUL-QC	SPL-21	SPL-21d	WEI-21	
CRU-31	CRU-QC	LOG-21	LOG-21d										
LOG-23	PUL-31	PUL-31d	PUL-QC										
SPL-21	SPL-21d	WEI-21											



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 2 (A)
 Plus Appendix Pages
 Finalized Date: 10-NOV-2021
 Account: VRRCES

CERTIFICATE TM21290361

Project: HK

This report is for 14 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 20-OCT-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Nb-XRF10	Fusion XRF - Nb Ore Grade	
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
2300 - 1177 WEST HASTINGS STREET
VANCOUVER BC V6E 2K3

Page: 2 - A
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 10-NOV-2021
Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290361

Sample Description	Method Analyte Units LOD	Nb-XRF10 Nb % 0.01
D137909 D137911 D137915 D137916 D137928		0.32 0.27 0.28 0.26 0.27
D137931 D137935 D137942 D137944 D137945		0.37 0.29 0.26 0.27 0.31
D137946 D137948 D137954 D137961		0.48 0.36 0.27 0.31



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
2300 - 1177 WEST HASTINGS STREET
VANCOUVER BC V6E 2K3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-NOV-2021
Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290361

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-XRF10 Nb-XRF10

OA-GRA06



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
 2300 - 1177 WEST HASTINGS STREET
 VANCOUVER BC V6E 2K3

Page: 1
 Total # Pages: 2 (A)
 Plus Appendix Pages
 Finalized Date: 10-NOV-2021
 Account: VRRCES

CERTIFICATE TM21290375

Project: HK

This report is for 2 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 20-OCT-2021.

The following have access to data associated with this certificate:

JUSTIN DALEY	MICHAEL GUNNING
--------------	-----------------

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

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Nb-XRF10	Fusion XRF - Nb Ore Grade	
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
2300 - 1177 WEST HASTINGS STREET
VANCOUVER BC V6E 2K3

Page: 2 - A
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 10-NOV-2021
Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290375

Sample Description	Method Analyte Units LOD	Nb-XRF10 Nb % 0.01
D137534 D137536		0.28 0.28



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: VR RESOURCES LTD.
2300 - 1177 WEST HASTINGS STREET
VANCOUVER BC V6E 2K3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-NOV-2021
Account: VRRCES

Project: HK

CERTIFICATE OF ANALYSIS TM21290375

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
FND-02 ME-XRF10 Nb-XRF10

OA-GRA06

