29 January 2019

Further Exceptional Grade Vanadium Magnetite Concentrates Produced from the Koitelainen Vosa Vanadium Prospect

Highlights

- **Final batch of geochemical results from five historical drill holes at the Koitelainen Vosa Prospect in northern Finland have again confirmed the vanadium mineralisation produces vanadium magnetite concentrates of exceptionally high grades**
- **Most holes produced vanadium magnetite concentrates exceeding 2.0% V_2O_5 with drill holes M373177R332 and M374178R339 producing magnetite concentrates grading up to 3.4% V_2O_5 and 3.0% V_2O_5 respectively**
- **Results for the vanadium magnetite concentrates from the five holes include:**
  - **32.9m @ 2.0% V_2O_5 in hole M374176R319**
  - **8.9m @ 2.0% V_2O_5 in hole M374176R321**
  - **20.9m @ 2.3% V_2O_5 in hole M374178R339**
  - **4.05m @ 3.0% V_2O_5 in hole M374178R339**
  - **2.8m @ 3.4% V_2O_5 in hole M374177R332**
- **Results from these holes complete the program of re-sampling the historical drill holes from the Koitelainen Vosa Prospect**
- **Geochemical data from all 16 re-analysed historical drill holes (including results from the 11 holes announced to the ASX on 9 January) have now been provided to Measured Group which has been contracted by Pursuit to upgrade the Exploration Target at the Koitelainen Vosa Prospect[1] to a JORC Inferred Mineral Resource in early February 2019**
- **Following the definition of an Inferred Mineral Resource, Pursuit intends to complete an internal Scoping Study before the end of April 2019**

Pursuit Minerals Limited (ASX: PUR) has received geochemical results from the second batch of re-sampling of five historical drill holes from the Koitelainen Vosa Prospect in northern Finland (Figure One). Results from the first batch of 11 re-sampled historical drill holes were previously announced on 9 January 2019. The geochemical results from the second batch of holes further confirms that vanadium mineralisation at Koitelainen produced exceptionally high-grade vanadium magnetite concentrates with the majority of intersections ranging from **2.0 – 3.4% V_2O_5**.

[1]See Pursuit Minerals ASX Announcement 12 September 2018. The Company is not aware of any new information or data that materially affects the information contained in that announcement.

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Intervals in holes M374176R319, M374178R339 and M374177R332 recorded magnetite concentrate values of **2.7%, 3.0% and 3.4% V_2O_5**, respectively.

Koitelainen Vosa has an estimated Exploration Target of 80 - 105Mt, containing 4.0 - 10.5Mt of magnetite @ 2.0 - 2.3% V_2O_5 (in magnetite concentrate) for 80,000 - 241,000 tonnes of V_2O_5. The Exploration Target was estimated in accordance with JORC (2012), utilising data from 3,742m of drilling from 25 historical drill holes.

The Exploration Target reported for the Koitelainen Vosa Prospect is conceptual in nature and there has been insufficient exploration work completed to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.

Pursuit Minerals Managing Director Jeremy Read said the results from the re-analysis of these five additional historical holes continued the strong trend of very positive results from the Koitelainen Project.

"We have now received all the results from the re-analysis of 16 historical drill holes and we are extremely encouraged by the results," Mr Read said.

"The vanadium mineralisation varies in thickness from 3.5m to 97m, averaging 20m thick, producing vanadium magnetite concentrates ranging from 1.4 – 3.4% V_2O_5, and averaging 2.0% V_2O_5.

"All of the re-analysis data has been delivered to our Competent Person who is now working on converting the Exploration Target to a JORC Inferred Mineral Resource and our expectation is that we will announce the Resource early in February 2019," Mr Read said.

Koitelainen Vosa Prospect

The vanadium mineralisation at the Koitelainen Vosa prospect occurs in a vanadium enriched gabbro, which is up to 98m thick. There are two main vanadium mineralised horizons in the magnetite gabbro. These horizons dip to the east. Magnetic data suggests that the blocks of vanadium mineralisation also plunge gently to the north-east. The vanadium mineralisation extends from the surface and has been drilled to a maximum depth of 210m. The mineralisation is open down dip at depth.

In mid 2018, Pursuit compiled geochemical assay data from 25 historical drill holes[2], for a total of 3,742m and confirmed the location of several drill holes in the field. A consistent set of vanadium in magnetite concentrate data was able to be constructed for the 25 drill holes and Pursuit retained Measured Group to estimate an Exploration Target for the Koitelainen Vosa Prospect.

[2]See Pursuit Minerals ASX Announcement 30 July 2018. The Company is not aware of any new information or data that materially affects the information contained in that announcement.

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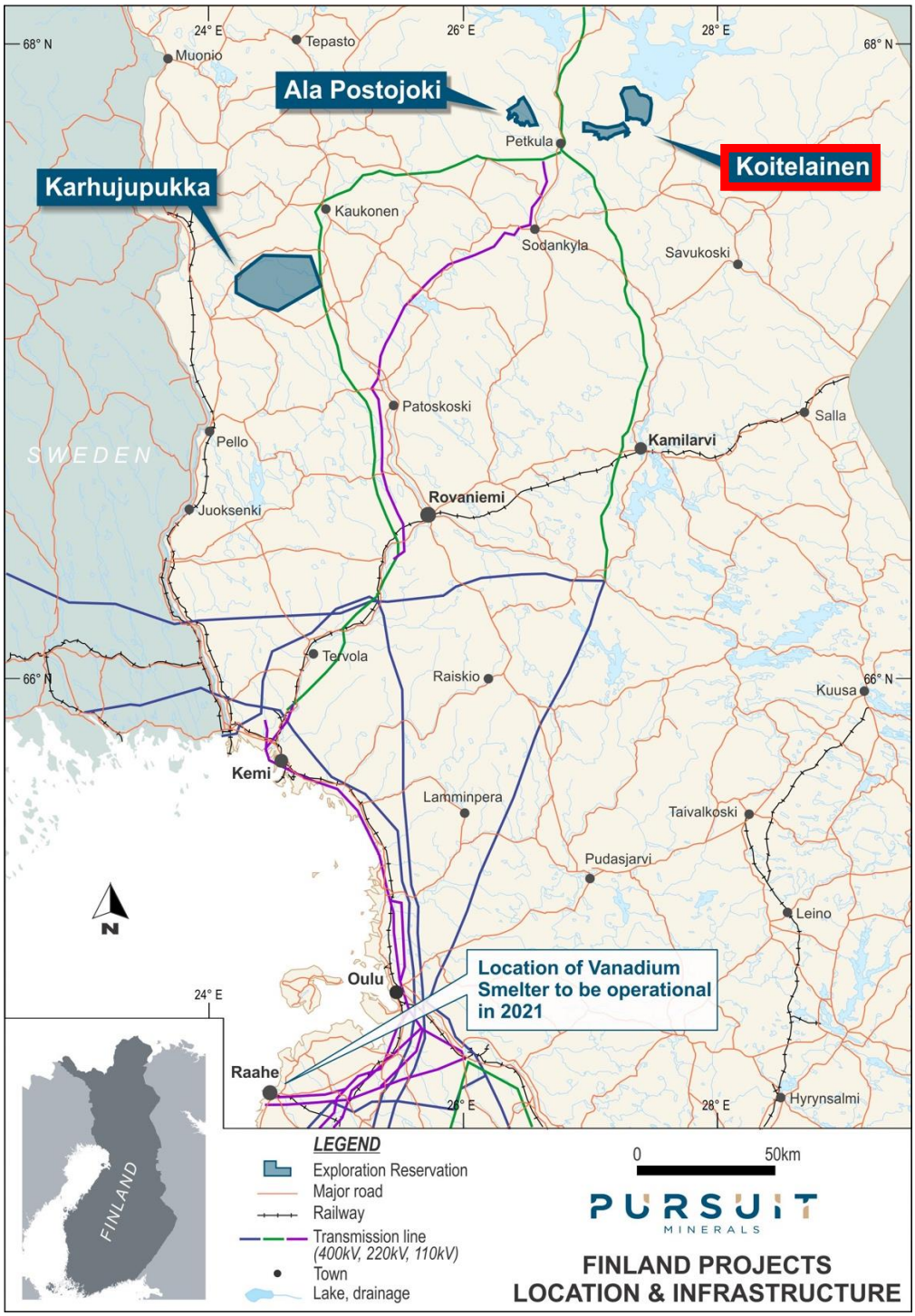
Figure One – Koitelainen Project Location



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Measured Group estimated an Exploration Target of 80 - 105Mt, containing 4.0 - 10.5Mt of magnetite @ 2.0 - 2.3% V_2O_5 (in magnetite concentrate) for 80,000 - 241,000 tonnes of contained V_2O_5, at Koitelainen Vosa[3].

A total of 16 historical drill holes were able to be re-analysed using modern geochemical techniques. The results from all 16 holes have now been received. For each vanadium mineralised interval, whole rock geochemical analyses were completed. If the whole rock interval recorded a vanadium value of greater than 0.1% V, then a magnetite concentrate was produced using the Davis Tube Recovery (DTR) method and analysed by XRF.

The whole rock geochemical values indicate the vanadium mineralisation in the 16 historical drill holes varies in down-hole thickness from 3.5m to 96.85m and averages 20m thick. The vanadium grades in the whole rock vary from 0.2% – 0.6% V_2O_5 and average 0.4% V_2O_5. The magnetite concentrates produced by DTR vary in grade from 0.9% - 3.6% V_2O_5 and average 2.0% V_2O_5, which is considered very high-grade. The mass recovery (the percentage of magnetite extracted from the whole rock) varies from 1.6% to 9.7% and averaged 5%. The average mass recovery for the vanadium mineralisation, producing vanadium magnetite concentrates in excess of 2.0% V_2O_5, was 5.2%. Pursuit has commenced a test program to determine if varying the conditions of the DTR will increase mass recovery.

A summary of the geochemical results from all 16 re-analysed holes is given in Table One and illustrated in Figures Two and Three. A representative geological cross-section is given in Figure Four. The full geochemical results for the second batch of five re-analysed historical drill holes are given in Appendix Two.

The geochemical results from all 16 historical drill holes have now been provided to the Competent Person at Measured Group, which Pursuit has contracted to upgrade the Koitelainen Exploration Target to a JORC Inferred Mineral Resource. The new JORC Inferred Mineral Resource is expected to be announced early February 2019.

[3]See Pursuit Minerals ASX Announcement 12 September 2018. The Company is not aware of any new information or data that materially affects the information contained in that announcement.

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Table One – Summary Geochemical Data from the Re-Sampling of 16 Historical Holes at the Koitelainen Vosa Prospect

Hole	Width (m) (Down hole depth)	V_2O_5 % (in whole rock)		V_2O_5 % (in magnetite concentrate)	Mass Recovery (%)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)	Prospect
M374176R319	17.25	@	0.3	1.9	5.8	17.25	34.5	1.5% V2O5 in mag. conc. & 2% mass recovery	B Zone
	including								
	8.00	@	0.4	2.5	8.2	17.25	25.25	2% V2O5 in mag. conc. & 4% mass recovery	
	and								
	5.20	@	0.3	2.3	5.6	29.30	34.50	2% V2O5 in mag. conc. & 4% mass recovery	
	32.85	@	0.4	2.0	5.9	62.15	95.00	1.5% V2O5 in mag. conc. & 2% mass recovery	
	including								
	7.95	@	0.4	2.5	8.4	62.15	70.10	2% V2O5 in mag. conc. & 4% mass recovery	
	and								
	9.55	@	0.3	2.1	5.1	75.15	84.70	2% V2O5 in mag. conc. & 4% mass recovery	
	and								
	7.05	@	0.4	2.7	8.4	87.95	95.00	2% V2O5 in mag. conc. & 4% mass recovery	
M374176R320	8.85	@	0.4	2.1	5.0	22.55	31.40	0.5% V2O5 in mag. conc. & 2% mass recovery	B Zone
	and								
	17.10	@	0.3	1.6	4.4	50.70	67.80	0.5% V2O5 in mag. conc. & 1% mass recovery	
	including								
	12.95	@	0.4	1.7	5.3	54.85	67.80	1% V2O5 in mag. conc. & 3% mass recovery	
	including								
	7.00	@	0.4	2.0	6.5	60.80	67.80	1% V2O5 in mag. conc. & 3% mass recovery	
	including								
	4.05	@	0.4	2.3	7.9	60.80	64.85	2% V2O5 in mag. conc. & 5% mass recovery	

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Hole	Width (m) (Down hole depth)		V_2O_5 % (in whole rock)	V_2O_5 % (in magnetite concentrate)	Mass Recovery (%)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)	Prospect
M374176R321	6.65	@	0.4	2.2	7.4	2.00	8.65	2% V2O5 in mag. conc. & 4% mass recovery	B Zone
	and								
	8.90	@	0.4	2.0	4.7	37.30	46.20	1.5% V2O5 in mag. conc. & 3% mass recovery	
M374177R332	5.80	@	0.4	1.5	2.1	61.80	67.60	0.5% V2O5 in mag. conc. & 1% mass recovery	C Zone
	and								
	2.80	@	0.4	3.4	5.9	79.20	82.00	3% V2O5 in mag. conc. & 5% mass recovery	
M374178R339	40.90	@	0.3	1.4	4.0	119.90	160.80	0.5% V2O5 in mag. conc. & 1% mass recovery	D Zone
	including								
	5.00	@	0.3	2.0	4.9	124.90	129.90	2% V2O5 in mag. conc. & 4% mass recovery	
	and								
	20.90	@	0.3	2.3	4.4	139.90	160.80	2% V2O5 in mag. conc. & 3% mass recovery	
	7.25	@	0.3	1.6	2.9	181.7	188.95	1% V2O5 in mag. conc. & 2% mass recovery	
	7.75	@	0.4	2.1	2.7	195.25	203.00	1% V2O5 in mag. conc. & 1% mass recovery	
	including								
	4.05	@	0.4	3.0	4.0	198.95	203.00	3% V2O5 in mag. conc. & 4% mass recovery	

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Hole	Width (m) (Down hole depth)	V_2O_5 % (in whole rock)		V_2O_5 % (in magnetite concentrate)	Mass Recovery (%)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)	Prospect
M374177R333	29.75	@	0.3	1.8	3.2	15.60	45.35	1.5% V2O5 in mag conc.	D Zone
	including								
	14.85	@	0.4	2.1	4.6	16.65	31.50	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	2.15	@	0.4	3.6	5.0	43.20	45.35	3% V2O5 in mag. conc. & 1.5% mass recovery	
M374177R336	16.75	@	0.3	2.1	4.1	4.00	20.75	2% V2O5 in mag. conc. & 2% mass recovery	D Zone
	including								
	8.20	@	0.4	2.6	5.1	12.55	20.75	2% V2O5 in mag. conc. & 3% mass recovery	
	and								
	29.85	@	0.4	2.4	4.7	54.20	84.05	2% V2O5 in mag. conc. & 2% mass recovery	
M374177R334	19.55	@	0.4	1.6	2.7	12.55	32.10	1% V2O5 in mag. conc. & 1% mass recovery	D Zone
	including								
	11.30	@	0.4	2.3	4.4	12.55	23.85	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	6.10	@	0.4	2.2	3.1	42.20	48.30	2% V2O5 in mag conc. & 1% mass recovery	
	including								
	3.30	@	0.4	3.3	5.0	44.75	48.05	2% V2O5 in mag. conc. & 2% mass recovery	
M374177R330	39.90	@	0.4	2.2	6.4	1.50	41.40	1% V2O5 in mag. conc. & 1% mass recovery	C Zone
	including								
	11.60	@	0.4	2.8	9.7	1.50	13.10	2% V2O5 in mag. conc. & 5% mass recovery	
	also including								
	12.20	@	0.4	2.6	7.6	21.35	33.55	2% V2O5 in mag. conc. & 5% mass recovery	
	and								
	6.45	@	0.4	2.8	7.4	67.50	73.95	3% V2O5 in mag. conc. & 5% mass recovery	

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Hole	Width (m) (Down hole depth)		V_2O_5 % (in whole rock)	V_2O_5 % (in magnetite concentrate)	Mass Recovery (%)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)	Prospect
M374177R329	30.40	@	0.3	1.2	1.6	2.10	32.50	0.5% V2O5 in mag. conc. & 1% mass recovery	B Zone
	including								
	3.30	@	0.2	2.0	2.3	6.40	9.70	1.5% V2O5 in mag. conc. & 1% mass recovery	
	also including								
	7.00	@	0.6	2.4	3.2	18.00	25.00	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	3.65	@	0.4	2.4	2.8	49.50	53.15	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	3.50	@	0.3	2.5	4.8	68.50	72.00	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	7.75	@	0.3	2.4	2.7	77.15	84.90	2% V2O5 in mag. conc. & 2% mass recovery	
M374177R326	96.85	@	0.3	1.5	3.4	2.00	98.85	0.5% V2O5 in mag. conc. & 1% mass recovery	B Zone
	including								
	10.50	@	0.3	2.1	4.8	21.45	31.95	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	3.45	@	0.3	2.1	4.2	39.95	43.40	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	38.15	@	0.4	2.6	5.9	60.70	98.85	2% V2O5 in mag. conc. & 2% mass recovery	
M374176R324	28.00	@	0.3	2.0	4.3	11.20	39.20	1% V2O5 in mag. conc. & 2% mass recovery	B Zone
	including								
	18.30	@	0.4	2.3	5.4	20.90	39.20	1.5% V2O5 in mag. conc. & 2% mass recovery	
	and								
	22.20	@	0.4	1.8	5.1	57.80	80.00	0.5% V2O5 in mag. conc. & 1% mass recovery	
	including								
	16.35	@	0.4	2.1	6.1	57.80	74.15	1.5% V2O5 in mag. conc. & 2% mass recovery	

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Hole	Width (m) (Down hole depth)		V_2O_5 % (in whole rock)	V_2O_5 % (in magnetite concentrate)	Mass Recovery (%)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)	Prospect
M374176R306	34.50	@	0.4	1.5	2.7	2.55	37.05	1% V2O5 in mag. conc. & 2% mass recovery	C Zone
	including								
	4.60	@	0.4	2.2	4.8	10.50	15.10	2% V2O5 in mag. conc. & 2% mass recovery	
	also including								
	4.55	@	0.3	2.3	3.7	20.40	24.95	2% V2O5 in mag. conc. & 2% mass recovery	
	also including								
	6.15	@	0.5	3.3	5.5	30.90	37.05	2% V2O5 in mag. conc. & 2% mass recovery	
M374178R340	10.00	@	0.3	0.9	2.3	10.65	20.65	0.3% V2O5 in mag. conc. & 1% mass recovery	A Zone
	including								
	4.00	@	0.3	2.1	4.2	16.65	20.65	2% V2O5 in mag. conc. & 2% mass recovery	
	and								
	5.90	@	0.4	1.9	3.7	35.70	41.60	2% V2O5 in mag. conc. & 2% mass recovery	
M374176R305	9.20	@	0.4	1.9	3.5	9.30	18.50	1.5% V2O5 in mag. conc. & 2% mass recovery	A Zone
	and								
	4.00	@	0.4	3.1	3.8	34.55	38.55	2% V2O5 in mag. conc. & 2% mass recovery	
M374177R335	8.45	@	0.4	2.5	4.4	15.55	24.00	2% V2O5 in mag. conc. & 2% mass recovery	D Zone
	and								
	30.55	@	0.4	1.5	2.1	55.50	86.05	1% V2O5 in mag. conc. & 1% mass recovery	
	including								
	9.85	@	0.4	2.9	4.6	76.20	86.05	2% V2O5 in mag. conc. & 2% mass recovery	

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Figure Two – Re-analysed Historical Drill Holes Koitelainen Vosa Prospect

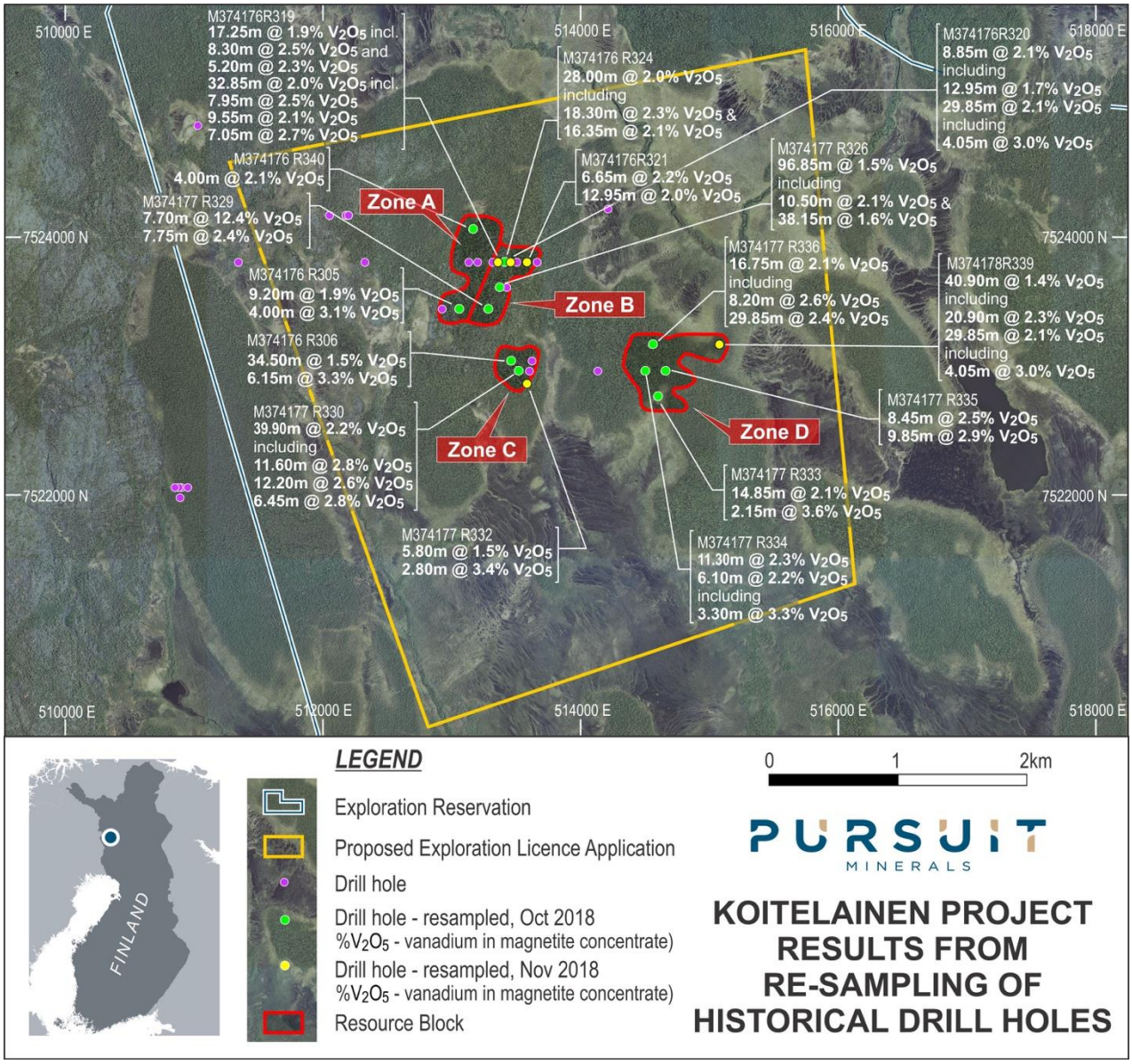

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Figure Three – Re-analysed Historical Drill Holes at the Koitelainen Vosa Prospect and Aeromagnetic Data

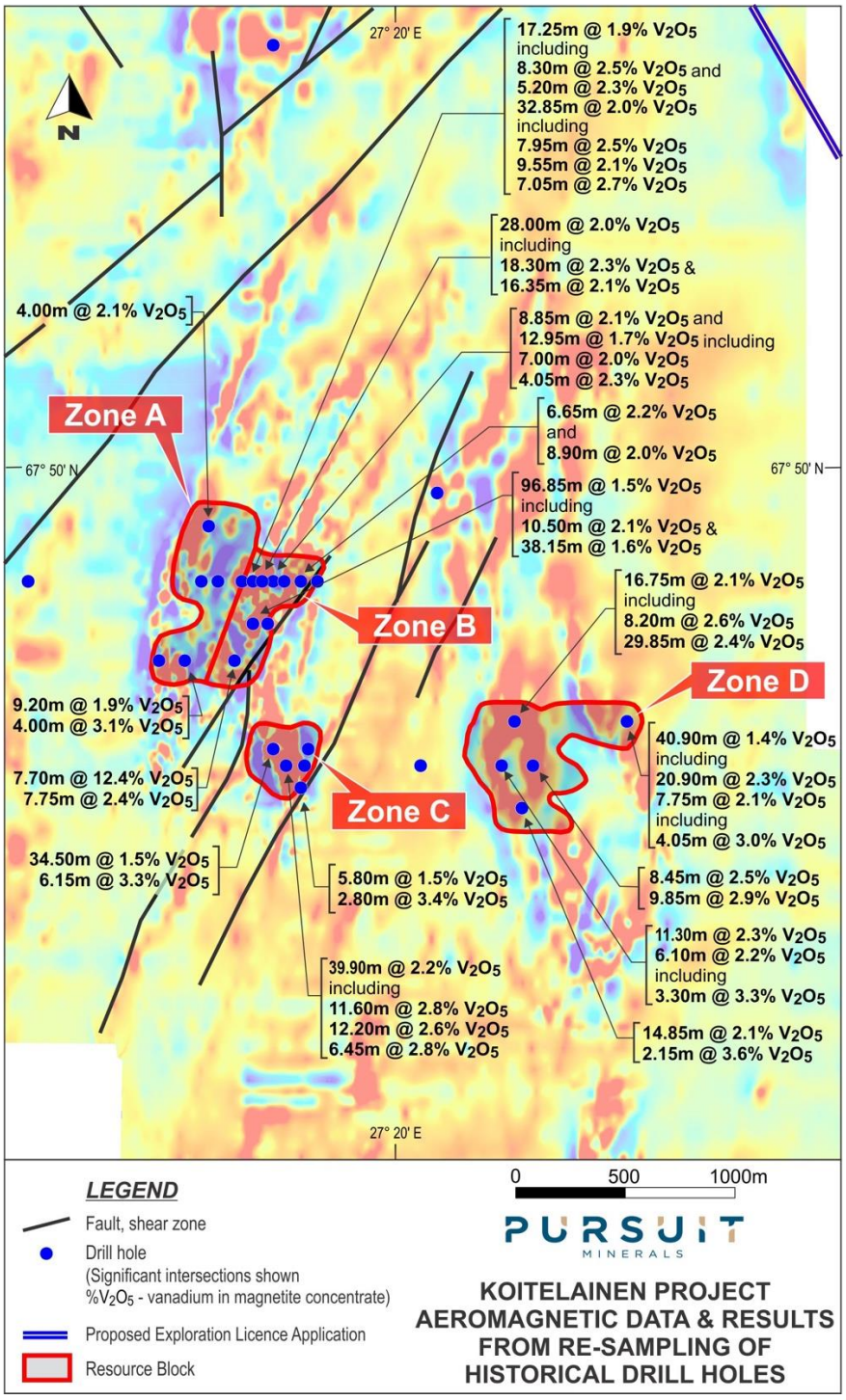

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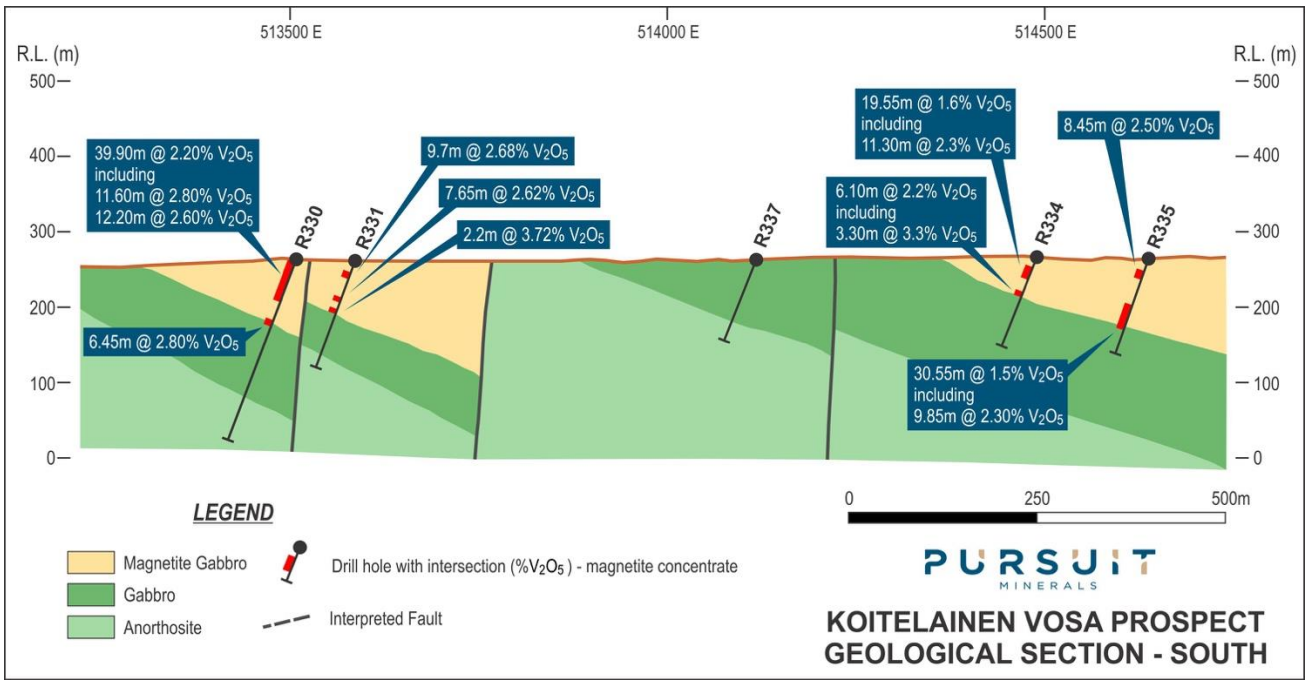
Figure Four – Representative Geological Cross Section Showing Vanadium Magnetite Concentrate Intersections



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About Pursuit Minerals

Pursuit Minerals (ASX:PUR) listed on the ASX in August 2017 following the completion of acquisition of a portfolio of projects from Teck Australia Pty Ltd, which remains Pursuit's largest shareholder. Led by a Board and Management team with a wealth of experience from all sides of minerals transactions, Pursuit Minerals understands how to generate and capture the full value of minerals resource projects. From local issues to global dynamics, Pursuit Minerals knows how to navigate project development and deliver returns to shareholders and broader stakeholders.

Pursuit's project portfolio is focussed on the emerging Energy Metal, vanadium. In 2018, through compilation and interpretation of historical data, Pursuit applied for and was subsequently granted Exploration Tenements in Sweden and Project Reservations in Finland, covering projects with historical deposits of vanadium and extensive confirmed areas of vanadium mineralisation. Finland has in the past produced up to 10% of the world's vanadium and is currently rated the number one jurisdiction globally for developing mineral projects. Sweden has a long mining history and culture and was the second country in the world where vanadium was recognised as a metal. With its Sweden and Finland projects very well positioned to take advantage of Scandinavia's world-class infrastructure, cost effective power and stable legislative frameworks, Pursuit is looking to accelerate assessment and potential development of its quality vanadium project portfolio.

With Europe rapidly transforming its energy grid to renewable energy, which will require large increases in battery storage, Pursuit's projects are well placed to participate in the energy revolution underway in the region.

For more information about Pursuit Minerals and its projects, visit:

www.pursuitminerals.com.au

Competent Person's Statement

Statements contained in this announcement relating to historical exploration results and historical estimates of mineralisation are based on, and fairly represents, information and supporting documentation prepared by Mr. Jeremy Read, who is a member of the Australian Institute of Mining & Metallurgy (AusIMM), Member No 224610. Mr Read is a full-time employee of the Company and has sufficient relevant experience in relation to the mineralisation styles being reported on to qualify as a Competent Person as defined in the *Australian Code for Reporting of Identified Mineral Resources and Ore Reserves (JORC) Code 2012*. Mr Read consents to the use of this information in this announcement in the form and context in which it appears.

Statements contained in this announcement relating to the Koitelainen Exploration Target, are based on, and fairly represents, information and supporting documentation prepared by Mr. Chris Grove, who is a member of the Australian Institute of Mining & Metallurgy (AusIMM), Member No 310106. Mr Grove is a full-time employee of the mineral resource consulting company "Measured Group", who were contracted by Pursuit Minerals Limited to prepare an estimate of the Exploration

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Target at Koitelainen. Mr Grove has sufficient relevant experience in relation to the mineralisation styles being reported on to qualify as a Competent Person as defined in the Australian Code for Reporting of Identified Mineral Resources and Ore Reserves (JORC) Code 2012. Mr Grove consents to the use of this information in this announcement in the form and context in which it appears.

Forward Looking Statements

Disclaimer: Forward-looking statements are statements that are not historical facts. Words such as "expect(s)", "feel(s)", "believe(s)", "will", "may", "anticipate(s)", "intend(s)" and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company's prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

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Appendix One – Koitelainen Vosa Prospect Hole Details

Hole ID	Northing (m) (ETRS89)	Easting (m) (ETRS89)	Elevation (m)	Azimuth (degrees magnetic)	Dip	Depth of Hole (m)	Date Hole was Drilled
M374176R319	513352	7523796	282.0	270	70.0	105.8	31/08/1976
M374176R320	513447	7523796	279.0	270	70.0	114.8	6/09/1976
M374176R321	513572	7523796	273.0	270	70.0	111.4	17/09/1976
M374177R332	513572	7522855	262.0	270	70.0	91.4	14/07/1977
M374178R339	515072	7523156	257.0	270	68.7	225.0	3/04/1978
M374177R333	514592	7522756	258.0	270	-71.7	239.2	8/08/1977
M374177R336	514552	7523156	261.0	270	-70.0	271.2	4/10/1977
M374177R334	514492	7522956	261.0	270	-68.6	117.3	17/08/1977
M374177R330	513512	7522956	268.0	270	-70.0	256.8	20/06/1977
M374177R329	513272	7523436	273.0	270	-70.0	250.0	6/06/1977
M374177R326	513357	7523606	271.0	270	-70.0	120.3	1/04/1977
M374176R324	513397	7523796	281	270	-69	112.9	18/10/1976
M374176R306	513452	7523031	272	270	-70	57.3	21/04/1976
M374178R340	513152	7524055	273	270	-70	267.3	27/04/1978
M374176R305	513042	7523436	268	270	-74	142	9/06/1976
M374177R335	514641	7522956	260	270	-70	127.75	29/08/1977

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Appendix Two – Koitelainen Vosa Prospect Geochemical Data for Re-Assay of 5 Historical Drill Holes (Batch Two)

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Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Whole Rock ME-XRF21n Al2O3 %	Whole Rock ME-XRF21n As %	Whole Rock ME-XRF21n Ba %	Whole Rock ME-XRF21n CaO %	Whole Rock ME-XRF21n Cl %	Whole Rock ME-XRF21n Co %	Whole Rock ME-XRF21n Cr2O3 %	Whole Rock ME-XRF21n Cu %	Whole Rock ME-XRF21n Fe %	Whole Rock ME-XRF21n K2O %	Whole Rock ME-XRF21n MgO %	Whole Rock ME-XRF21n Mn %	Whole Rock ME-XRF21n Na2O %	Whole Rock ME-XRF21n Ni %	Whole Rock ME-XRF21n P %	Whole Rock ME-XRF21n Pb %	Whole Rock ME-XRF21n S %	Whole Rock ME-XRF21n SiO2 %	Whole Rock ME-XRF21n Sn %	Whole Rock ME-XRF21n Sr %	Whole Rock ME-XRF21n TiO2 %
M374176R319	15.4	17.25	1.85	R319-001	78.6	92.9	14	<0.001	0.031	8.48	0.113	0.008	0.036	0.056	11.32	0.894	5.44	0.127	2.9	0.016	0.027	0.001	0.036	48.8	<0.001	0.032	1.69
M374176R319	17.25	19.25	2	R319-002		88.6	16	<0.001	0.032	8.25	0.056	0.008	<0.001	0.055	12.56	0.734	2.93	0.118	3.21	0.007	0.027	<0.001	0.048	47.3	<0.001	0.042	2.48
M374176R319	19.25	21.25	2	R319-003			16.4	0.001	0.027	8.35	0.049	0.008	<0.001	0.03	12.57	0.684	2.97	0.114	3.21	0.006	0.024	<0.001	0.025	47.1	<0.001	0.042	2.44
M374176R319	21.25	23.25	2	R319-004			14.9	<0.001	0.026	8.7	0.055	0.009	0.001	0.043	14.82	0.55	3.57	0.133	2.76	0.009	0.019	<0.001	0.035	44.5	<0.001	0.038	2.92
M374176R319	23.25	25.25	2	R319-005			14.25	<0.001	0.025	9.08	0.043	0.009	0.002	0.038	14.32	0.585	4.07	0.142	2.65	0.009	0.019	<0.001	0.03	45.3	<0.001	0.04	2.67
M374176R319	25.25	27.25	2	R319-007			13.2	<0.001	0.03	9.67	0.176	0.009	<0.001	0.04	12.68	0.665	5.03	0.146	2.55	0.009	0.02	0.003	0.022	47.3	<0.001	0.038	2.04
M374176R319	27.25	29.3	2.05	R319-008			13	<0.001	0.022	9.87	0.165	0.009	<0.001	0.036	12.96	0.647	5.18	0.149	2.49	0.009	0.018	0.001	0.016	46.8	<0.001	0.031	2.11
M374176R319	29.3	31.3	2	R319-009			12.85	<0.001	0.024	9.98	0.122	0.009	<0.001	0.022	13.06	0.515	5.31	0.159	2.38	0.009	0.017	<0.001	0.015	46.9	<0.001	0.035	2.17
M374176R319	31.3	33.3	2	R319-010			12.95	<0.001	0.026	9.69	0.099	0.009	0.002	0.019	13.57	0.558	5.03	0.158	2.46	0.009	0.017	0.001	0.011	46.2	<0.001	0.035	2.42
M374176R319	33.3	34.5	1.2	R319-011			13.85	<0.001	0.022	9.52	0.135	0.009	0.003	0.018	13.36	0.519	4.5	0.151	2.6	0.009	0.019	0.002	0.012	46.4	<0.001	0.039	2.51
M374176R319	34.5	36.5	2	R319-013			13	<0.001	0.027	9.84	0.171	0.009	0.003	0.02	11.24	0.668	5.42	0.138	2.74	0.008	0.022	0.004	0.006	49.2	<0.001	0.033	1.58
M374176R319	36.5	38.5	2	R319-014			13	<0.001	0.026	9.62	0.115	0.008	0.001	0.02	9.62	0.607	5.84	0.136	2.64	0.006	0.027	0.003	0.006	52.4	<0.001	0.034	0.93
M374176R319	38.5	39.4	0.9	R319-015			13.65	<0.001	0.025	8.99	0.074	0.007	<0.001	0.015	9.62	0.797	5.65	0.145	2.71	0.006	0.026	<0.001	<0.001	51.9	<0.001	0.032	0.98
M374176R319	39.4	42.5	3.1	R319-016			14.4	<0.001	0.026	9.22	0.116	0.007	0.003	0.017	9.73	0.703	5.32	0.139	2.86	0.006	0.023	0.001	0.008	51.1	<0.001	0.034	1.16
M374176R319	42.5	45	2.5	R319-017			15	<0.001	0.028	9.13	0.138	0.006	0.003	0.015	8.94	0.705	5.22	0.138	3.02	0.006	0.022	<0.001	0.004	52	<0.001	0.039	0.9
M374176R319	45	48.1	3.1	R319-018			14.15	<0.001	0.022	9.93	0.145	0.007	0.003	0.018	9.12	0.573	5.81	0.146	2.79	0.006	0.019	<0.001	0.012	51.6	<0.001	0.036	0.82
M374176R319	48.1	50.8	2.7	R319-019			15.35	<0.001	0.03	9.29	0.106	0.007	0.002	0.02	8.46	0.7	5.18	0.142	3.09	0.006	0.021	0.002	0.005	52.3	<0.001	0.041	0.75
M374176R319	50.8	53.55	2.75	R319-020			16.4	<0.001	0.026	8.5	0.084	0.006	<0.001	0.03	8.91	0.838	4.63	0.124	3.33	0.004	0.021	<0.001	0.014	51.3	<0.001	0.04	1.02
M374176R319	53.55	55.4	1.85	R319-021			13.5	0.001	0.019	9.05	0.128	0.009	<0.001	0.048	12.44	0.605	5.4	0.146	2.6	0.007	0.018	<0.001	0.032	47.8	<0.001	0.033	1.84
M374176R319	55.4	56.1	0.7	R319-022			12.85	<0.001	0.018	9.45	0.138	0.009	<0.001	0.041	14	0.548	5.08	0.136	2.35	0.008	0.02	<0.001	0.035	45.9	<0.001	0.033	2.49
M374176R319	56.1	58.85	2.75	R319-023			14.75	<0.001	0.022	9.24	0.148	0.008	<0.001	0.027	10.63	0.713	4.78	0.12	3.12	0.006	0.021	<0.001	0.024	49.1	<0.001	0.038	1.58
M374176R319	58.85	59.1	0.25	R319-024			11.6	<0.001	0.046	11.75	0.076	0.006	<0.001	0.016	8.62	2.14	5.33	0.126	2.44	0.007	0.019	<0.001	0.026	43.7	<0.001	0.017	3
M374176R319	59.1	61.1	2	R319-025			12.25	<0.001	0.026	8.9	0.139	0.009	<0.001	0.04	13.7	0.801	6.04	0.151	2.21	0.01	0.017	0.003	0.016	46.4	<0.001	0.025	2.23
M374176R319	61.1	62.15	1.05	R319-026			13.5	<0.001	0.024	9.22	0.156	0.009	<0.001	0.007	11.75	0.658	5.61	0.144	2.47	0.009	0.019	0.001	<0.001	48.9	<0.001	0.035	1.62
M374176R319	62.15	64	1.85	R319-027			12.25	<0.001	0.02	9.78	0.205	0.009	<0.001	0.005	13.57	0.559	5.77	0.146	2.18	0.009	0.017	<0.001	<0.001	46.7	<0.001	0.029	2.15
M374176R319	64	66	2	R319-028			9.87	<0.001	0.019	9.27	0.096	0.013	<0.001	0.006	18.34	0.409	6.27	0.184	1.7	0.013	0.014	0.001	0.001	42.2	<0.001	0.025	3.26
M374176R319	66	67.1	1.1	R319-029			11.55	<0.001	0.021	9.61	0.096	0.011	<0.001	0.006	15.58	0.472	5.94	0.165	2.02	0.01	0.014	0.001	<0.001	44.7	<0.001	0.029	2.57
M374176R319	67.1	68.8	1.7	R319-031			12.9	<0.001	0.025	9.83	0.136	0.01	<0.001	0.007	13.75	0.543	5.42	0.15	2.26	0.01	0.014	0.004	<0.001	46.1	<0.001	0.034	2.2
M374176R319	68.8	69.6	0.8	R319-032			11.5	<0.001	0.019	9.14	0.14	0.01	<0.001	0.008	15.9	0.695	5.81	0.174	2.07	0.013	0.013	<0.001	<0.001	43.7	<0.001	0.021	2.74
M374176R319	69.6	70.1	0.5	R319-033			12.1	<0.001	0.018	9.15	0.137	0.01	<0.001	0.006	14.91	0.554	5.47	0.16	2.11	0.01	0.018	0.001	<0.001	45.7	<0.001	0.031	2.47
M374176R319	70.1	73.1	3	R319-034			13	<0.001	0.022	8.42	0.166	0.009	<0.001	0.004	11.42	0.775	5.54	0.132	2.49	0.008	0.023	<0.001	<0.001	50.7	<0.001	0.026	1.34
M374176R319	73.1	75.15	2.05	R319-035			14.35	0.001	0.021	9.28	0.2	0.008	<0.001	0.003	12.07	0.881	4.86	0.128	2.79	0.008	0.022	<0.001	<0.001	48.6	<0.001	0.03	1.62
M374176R319	75.15	77.3	2.15	R319-036			15	<0.001	0.03	8.99	0.102	0.009	0.002	0.006	12.77	0.573	4.28	0.139	2.78	0.009	0.019	0.002	0.006	46.9	<0.001	0.041	2.21
M374176R319	77.3	80.1	2.8	R319-037			14.4	<0.001	0.024	9.16	0.261	0.008	<0.001	0.006	12.01	0.782	4.94	0.124	2.81	0.007	0.017	<0.001	0.004	47.4	<0.001	0.034	1.93
M374176R319	80.1	82.15	2.05	R319-038			12.95	0.001	0.021	9.57	0.099	0.008	<0.001	0.005	13.53	0.482	5.6	0.157	2.37	0.008	0.015	<0.001	0.003	46.6	<0.001	0.032	2.19
M374176R319	82.15	83.65	1.5	R319-040			14	<0.001	0.025	9.27	0.12	0.008	<0.001	0.008	11.65	0.629	5.38	0.138	2.71	0.008	0.017	<0.001	0.006	48.6	<0.001	0.037	1.68
M374176R319	83.65	84.7	1.05	R319-041	77.6	89.6	14.15	<0.001	0.027	7.94	0.099	0.008	<0.001	0.006	11.88	1.015	5.49	0.133	3.01	0.007	0.017	<0.001	0.001	47.7	<0.001	0.03	1.83
M374176R319	84.7	87.95	3.25	R319-042			13.9	<0.001	0.028	9.29	0.218	0.009	<0.001	0.005	11.86	0.815	5.46	0.13	2.77	0.009	0.016	0.004	<0.001	47.3	<0.001	0.035	1.82
M374176R319	87.95	90	2.05	R319-043			13.5	<0.001	0.026	9.77	0.055	0.009	<0.001	0.003	12.8	0.504	5.47	0.147	2.51	0.01	0.014	<0.001	0.006	47.1	<0.001	0.036	1.96
M374176R319	90	92	2	R319-044			13.55	<0.001	0.028	9.58	0.097	0.009	<0.001	0.004	13.12	0.624	5.3	0.144	2.55	0.009	0.013	0.001	0.006	46.5	<0.001	0.035	2.03
M374176R319	92	94	2	R319-045			12.9	<0.001	0.03	8.68	0.098	0.009	0.004	0.005	13.9	0.824	5.51	0.15	2.39	0.01	0.016	0.003	0.005	46.4	<0.001	0.033	2.08
M374176R319	94	95	1	R319-046			12.55	<0.001	0.027	8.5	0.075	0.009	0.004	0.005	14.26	0.7	5.62	0.15	2.4	0.009	0.017	0.001	0.007	46.8	<0.001	0.031	2.08
M374176R319	95	96.05	1.05	R319-047			13.35	<0.001	0.03	8.98	0.297	0.009	0.004	0.006	12.7	0.99	5.39	0.144	2.35	0.009	0.018	0.004	0.005	47.7	0.001	0.032	1.77
M374176R320	1.50	2.00	0.50	R320-001			11.9	<0.001	0.03	9.56	0.198	0.009	<0.001	0.034	13.92	0.572	5.17	0.167	2.22	0.007	0.023	0.003	0.014	46.9	0.001	0.033	2.34
M374176R320	2.00	2.50	0.50	R320-002			12.9	<0.001	0.021	9.37	0.228	0.008	<0.001	0.033	11.56	0.585	5.14	0.15	3.03	0.008	0.051	0.002	0.005	48.9	0.001	0.033	2.03
M374176R320	18.50	20.10	1.60	R320-003			15.25	<0.001	0.03	9.1	0.2	0.008	<0.001	0.032	10.8	0.502	4	0.133	3.48	0.008	0.029	0.002	0.026	48.9	0.002	0.052	2
M374176R320	20.10	22.10	2.00	R320-004			16.1	<0.001	0.033	8.83	0.216	0.008	<0.001	0.027	12.46	0.641	2.85	0.12	3.46	0.007	0.024	0.003	0.021	46.7	<0.001	0.047	2.43
M374176R320	22.10	22.55	0.45	R320-005			14.4	<0.001	0.043	9.19	0.212	0.009	0.042	0.044	12.87	0.725	5.1	0.146	2.97	0.02	0.019	0.005	0.012	45.1	0.002	0.047	2.39
M374176R320	22.55	24.00	1.45	R320-006			14.4	0.001	0.037	8.8	0.221	0.009	0.001	0.038	14.72	0.743	3.62	0.137	2.85	0.009	0.019	0.001	0.051	44.1	<0.001	0.04	3.01
M374176R320	24.00	26.00	2.00	R320-008			13.15	<0.001	0.036	9.28	0.117	0.01	0.002	0.035	14.75	0.662	4.36	0.15	2.44	0.009	0.019	0.005	0.048	45.1	<0.001	0.036	2.76
M374176R320	26.00	27.50	1.50	R320-009			13.15	<0.001	0.032	9.8	0.088	0.009	<0.001	0.033	12.9	0.562	4.89	0.152	2.43	0.009	0.021	0.003	0.045	47.6	<0.001	0.035	2.1
M374176R320	27.50	28.65	1.15	R320-011			13.25	<0.001	0.028	11.25	0.177	0.009	0.001	0.022	12.36	0.623	4.77	0.138	2.1	0.009	0.02	0.004	0.028	46.9	<0.001	0.046	2.14
M374176R320	28.65	30.40	1.75	R320-012			14.2	<0.001	0.03	10.05	0.09	0.008	<0.001	0.015	11.6	0.604	4.68	0.138	2.6	0.007	0.018	0.001	0.023	48.6	<0.001	0.036	1.84
M374176R320	30.40	31.40	1.00	R320-013			13.9	<0.001	0.027	10.1	0.14	0.008	<0.001	0.014	12.04	0.662	4.68	0.133	2.53	0.008	0.017	0.001	0.019	47.8	<0.001	0.04	1.96
M374176R320	31.40	32.30	0.90	R320-014			13.35	<0.001	0.021	12	0.182	0.009	<0.001	0.018	11.96	0.603	4.9	0.126	2.04	0.009	0.018	0.001	0.012	46.3	<0.001	0.047	2.29
M374176R320	32.30	34.10	1.80	R320-015			13.6	<0.001	0.031	10.3	0.18	0.009	0.002	0.015	11.88	0.672	4.69	0.142	2.62	0.008	0.021	0.003	0.015	47.9	<0.001	0.041	2.11
M374176R320	34.10	36.00	1.90	R320-016			12.9	<0.001	0.031	9.68	0.148	0.008	<0.001	0.014	9.69	0.688	5.67	0.135	2.65	0.006	0.028	0.002	0.004	52.6	0.001	0.038	0.92
M374176R320	36.00	36.50	0.50	R320-017			13	<0.001	0.029	9.59	0.132	0.008	<0.001	0.018	9.73	0.666	5.65	0.154	2.47	0.006	0.027	0.003	0.005	52.7	<0.001	0.034	0.93
M374176R320	36.50	39.50	3.50	R320-018			13.85	<0.001	0.034	9.51	0.129	0.008	0.001	0.014	9.7	0.656	5.35	0.149	2.66	0.006	0.025	0.004	0.008	52	<0.001	0.037	1.04
M374176R320	39.50	42.00	2.50	R320-019			15	<0.001	0.029	9.3	0.132	0.007	0.003	0.013	9.15	0.587	4.93	0.128	3	0.006	0.025	0.002	0.006	52	0.001	0.041	1.04
M374176R320	42.00	44.00	2.00	R320-020			14.5	<0.001	0.029	9.72	0.118	0.008	0.003	0.014	8.96	0.499	5.53	0.132	2.75	0.005	0.021	0.002	0.012	52.4	<0.001	0.038	0.79
M374176R320	44.00	46.10	2.10	R320-021			14.05	<0.001	0.026	10.15	0.12	0.008	0.003	0.013	9.18	0.478	5.74	0.138	2.59	0.006	0.019	0.003	0.01	52	<0.001	0.036	0.81
M374176R320	46.10	47.50	1.40	R320-022			15	<0.001	0.029	9.72	0.12	0.008	0.001	0.006	8.58	0.506	5.29	0.122	2.96	0.005	0.021	0.002	0.007	52.5	<0.001	0.041	0.75
M374176R320	47.50	48.00	0.50	R320-023			17.35	<0.001	0.038	8.84	0.091	0.006	0.001	0.006	7.52	0.624	4	0.106	3.42	0.005	0.026	0.005	0.005	53.5	0.001	0.049	0.69
M374176R320	48.00	50.70	2.70	R320-024			16.9	<0.001	0.021	9.44	0.108	0.006	<0.001	0.007	8.38	0.607	3.99	0.102	3.46	0.004	0.022	<0.001	0.004	51.6	<0.001	0.052	0.93
M374176R320	50.70	51.85	1.15	R320-025			13.75	<0.001	0.035	9.16	0.109	0.009	<0.001	0.006	12.36	0.628	4.9	0.146	2.6	0.009	0.021	0.005	0.013	48.5	<0.001	0.038	1.87
M374176R320	51.85	53.10	1.25	R320-027			12.9	<0.001	0.027	9.33	0.083	0.009	<0.001	0.005	12.64	0.497	5.69	0.164	2.39	0.008	0.019	0.002	0.008	48.5	<0.001	0.033	1.74
M374176R320	53.10	53.55	0.45	R320-028			13.6	<0.001	0.024	9.1	0.121	0.009	0.002	0.006	11.33	0.473	5.86	0.157	2.86	0.009	0.021	0.006	0.012	49.2	0.002	0.039	1.55
M374176R320	53.55	53.95	0.40	R320-029			7.69	<0.001	0.073	9.29	0.072	0.011	0.285	0.003	11.64	2.17	13.85	0.16	0.529	0.072	0.024	0.005	0.02	46.8	0.002	0.004	0.92
M374176R320	53.95	54.85	0.90	R320-030			16.3	<0.001	0.027	9.21	0.094	0.006	0.001	0.004	8	0.513	4.91	0.114	3.53	0.007	0.022	0.001	0.011	52.1	<0.001	0.047	0.86
M374176R320	54.85	56.85	2.00	R320-031			13.5	<0.001	0.029	9.72	0.112	0.009	<0.001	0.004	11.68	0.515	5.38	0.152	2.52	0.01	0.02	0.001	0.005	49.1	<0.001	0.035	1.62
M374176R320	56.85	58.45	1.60	R320-032			11.2	<0.001	0.023	9.19	0.11	0.01	<0.001	0.005	15.25	0.501	6.04	0.172	2.02	0.01	0.018	0.002	0.009	45.9	<0.001	0.028	2.41
M374176R320	58.45	60.80	2.35	R320-033			13.35	<0.001	0.028	10	0.267	0.009	<0.001	0.005	11.84	0.633	5.16	0.136	2.89	0.008	0.018	0.001	<0.001	47.8	<0.001	0.032	1.8
M374176R320	60.80	62.85	2.05	R320-034	74.3	91.2	12.75	<0.001	0.027	9.76	0.22	0.009	<0.001	0.005	14.17	0.617	5.14	0.152	2.45	0.009	0.015	0.003	0.003	45.4	<0.001	0.036	2.44
M374176R320	62.85	64.85	2.00	R320-036		88.8	12.2	<0.001	0.025	9.12	0.165	0.011	<0.001	0.006	15.82	0.54	5.11	0.161	2.22	0.01	0.016	0.004	0.015	44.2	<0.001	0.033	2.9
M374176R320	64.85	65.80	0.95	R320-037			13.4	<0.001	0.03	9.17	0.198	0.009	<0.001	0.005	11.48	0.651	5.33	0.134	2.76	0.008	0.023	0.005	0.002	49.5	0.002	0.035	1.59
M374176R320	65.80	67.80	2.00	R320-038			13.35	<0.001	0.024	8.79	0.13	0.009	<0.001	0.005	13.74	0.657	4.78	0.138	2.49	0.009	0.021	<0.001	0.008	46.9	<0.001	0.032	2.43
M374176R320	67.80	70.90	3.10	R320-039			13.05	<0.001	0.025	8.65	0.11	0.008	<0.001	0.004	11.24	0.782	5.75	0.138	2.48	0.007	0.024	0.001	<0.001	50.3	<0.001	0.028	1.46
M374176R320	70.90	72.50	1.60	R320-040			14.95	<0.001	0.025	8.7	0.164	0.008	<0.001	0.009	11.68	0.647	4.44	0.128	3.02	0.007	0.022	0.002	0.017	48.5	<0.001	0.038	1.9

Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Whole Rock ME-XRF21n Al2O3 %	Whole Rock ME-XRF21n As %	Whole Rock ME-XRF21n Ba %	Whole Rock ME-XRF21n CaO %	Whole Rock ME-XRF21n Cl %	Whole Rock ME-XRF21n Co %	Whole Rock ME-XRF21n Cr2O3 %	Whole Rock ME-XRF21n Cu %	Whole Rock ME-XRF21n Fe %	Whole Rock ME-XRF21n K2O %	Whole Rock ME-XRF21n MgO %	Whole Rock ME-XRF21n Mn %	Whole Rock ME-XRF21n Na2O %	Whole Rock ME-XRF21n Ni %	Whole Rock ME-XRF21n P %	Whole Rock ME-XRF21n Pb %	Whole Rock ME-XRF21n S %	Whole Rock ME-XRF21n SiO2 %	Whole Rock ME-XRF21n Sn %	Whole Rock ME-XRF21n Sr %	Whole Rock ME-XRF21n TiO2 %
M374176R320	86.10	87.40	14.90	R320-041			14.4	<0.001	0.027	10.05	0.159	0.009	0.003	0.005	11.56	0.556	4.86	0.132	2.57	0.008	0.015	0.002	0.017	48	<0.001	0.039	1.77
M374176R320	87.40	89.40	2.00	R320-042			13.5	<0.001	0.031	9.23	0.126	0.009	0.003	0.005	12.36	0.632	5.31	0.148	2.48	0.009	0.018	0.003	0.008	48.1	<0.001	0.032	1.84
M374176R320	89.40	90.40	1.00	R320-043			13.05	<0.001	0.028	9.19	0.103	0.009	0.005	0.006	13.06	0.609	5.49	0.158	2.3	0.009	0.017	0.003	0.022	47.5	<0.001	0.033	2
M374176R320	90.40	91.80	1.40	R320-044			14.05	<0.001	0.026	9.06	0.1	0.009	0.011	0.003	11.06	0.664	5.63	0.14	2.61	0.008	0.019	0.002	0.002	49.5	<0.001	0.036	1.52
M374176R320	91.80	93.50	1.70	R320-045			15.05	<0.001	0.032	9.28	0.069	0.007	0.008	0.005	8.22	0.65	5.55	0.13	2.71	0.006	0.023	0.002	<0.001	53.4	0.002	0.039	0.6
M374176R321	2.00	4.10	2.10	R321-001			16.35	<0.001	0.038	7.83	0.116	0.008	0.001	0.03	12.6	0.849	2.65	0.11	3.24	0.007	0.028	0.002	0.013	47.5	<0.001	0.044	2.5
M374176R321	4.10	7.20	3.10	R321-002			15.4	<0.001	0.039	7.95	0.11	0.008	<0.001	0.027	13.6	0.873	3.31	0.127	2.9	0.008	0.02	0.001	0.008	46	<0.001	0.039	2.66
M374176R321	7.20	8.65	1.45	R321-003			14.15	<0.001	0.037	8.74	0.212	0.009	0.002	0.01	14.16	0.796	3.9	0.146	2.8	0.009	0.019	0.003	0.052	44.9	<0.001	0.037	2.84
M374176R321	8.65	9.20	0.55	R321-004			14.4	<0.001	0.021	11.35	0.198	0.008	<0.001	0.005	11.12	0.466	4.05	0.117	2.76	0.008	0.021	0.004	0.014	47.3	<0.001	0.049	2.26
M374176R321	9.20	10.80	1.60	R321-005			12.7	<0.001	0.033	9.61	0.239	0.009	0.005	0.006	13.26	0.662	5.06	0.159	2.22	0.014	0.02	0.004	0.027	47.3	<0.001	0.034	2.21
M374176R321	10.80	13.40	2.60	R321-006			14	<0.001	0.034	9.74	0.267	0.007	<0.001	0.002	11.62	0.735	4.63	0.121	2.8	0.008	0.021	0.001	<0.001	48.1	0.001	0.037	1.98
M374176R321	13.40	15.00	1.60	R321-007			13.75	<0.001	0.028	10.15	0.226	0.008	0.001	0.006	11.92	0.639	4.67	0.124	2.49	0.008	0.021	0.001	0.012	48.2	<0.001	0.035	2.08
M374176R321	15.00	16.05	1.05	R321-008			14.35	<0.001	0.03	8.17	0.192	0.007	0.002	0.006	11.26	0.785	4.57	0.124	3.14	0.008	0.022	0.002	0.004	48.9	0.001	0.033	2.43
M374176R321	16.05	16.90	0.85	R321-010			13.8	<0.001	0.02	11.5	0.182	0.006	0.003	0.002	10.54	0.493	4.21	0.096	2.17	0.006	0.022	0.002	<0.001	49.5	<0.001	0.053	1.68
M374176R321	16.90	18.40	1.50	R321-011			12.85	<0.001	0.037	9.12	0.158	0.008	0.001	0.008	9.56	0.847	5.67	0.119	2.4	0.006	0.032	0.004	0.01	53	0.003	0.034	0.86
M374176R321	18.40	20.30	1.90	R321-012			13.05	<0.001	0.03	8.76	0.136	0.007	<0.001	0.005	9.6	0.882	5.75	0.13	2.53	0.006	0.032	0.001	0.011	53	<0.001	0.03	0.88
M374176R322	20.30	20.70	0.40	R321-013			14.75	0.001	0.032	8.48	0.136	0.007	<0.001	0.009	9.28	0.965	5.04	0.109	2.89	0.005	0.026	<0.001	0.01	52.4	<0.001	0.031	0.97
M374176R321	20.70	21.70	1.00	R321-014			14.2	<0.001	0.026	8.8	0.134	0.007	<0.001	0.006	9.63	0.816	5.35	0.114	2.76	0.005	0.025	0.002	0.007	52.1	<0.001	0.031	1.02
M374176R321	33.80	35.20	1.40	R321-015			12.95	<0.001	0.023	8.47	0.172	0.009	<0.001	0.006	12.68	0.87	5.46	0.124	2.65	0.009	0.023	0.003	0.004	48.1	<0.001	0.023	1.96
M374176R321	35.20	36.85	1.65	R321-016			13	<0.001	0.027	9.12	0.148	0.009	<0.001	0.004	12.1	0.745	5.65	0.12	2.52	0.009	0.021	0.002	0.003	48.8	<0.001	0.028	1.66
M374176R321	36.85	37.30	0.45	R321-017	82.9	94	10.65	<0.001	0.021	9.17	0.17	0.01	<0.001	0.008	14.54	0.716	6.55	0.152	1.725	0.01	0.017	0.004	0.004	46.7	<0.001	0.014	2.28
M374176R321	37.30	38.45	1.15	R321-018		90	9.24	<0.001	0.019	8.89	0.145	0.012	<0.001	0.007	16.98	0.598	6.89	0.158	1.425	0.011	0.017	0.003	0.007	44.8	<0.001	0.01	2.7
M374176R321	38.45	39.45	1.00	R321-019	76.9		10.3	0.001	0.017	8.82	0.144	0.011	<0.001	0.005	17.41	0.597	5.95	0.156	1.7	0.011	0.018	<0.001	0.043	43.5	<0.001	0.018	3.03
M374176R321	39.45	41.50	2.05	R321-020			12	<0.001	0.025	9.36	0.165	0.01	<0.001	0.005	14.64	0.622	5.64	0.149	2.03	0.009	0.017	0.002	0.043	45.8	<0.001	0.028	2.32
M374176R321	41.50	42.50	1.00	R321-022			12.65	<0.001	0.019	9.57	0.206	0.01	<0.001	0.004	13.98	0.622	5.33	0.136	2.46	0.01	0.015	0.002	0.022	45.9	<0.001	0.025	2.26
M374176R321	42.50	44.50	2.00	R321-023			12.75	0.001	0.022	8.74	0.182	0.009	<0.001	0.003	14.26	0.706	5.02	0.134	2.51	0.009	0.021	<0.001	0.046	46.2	<0.001	0.027	2.28
M374176R321	44.50	46.20	1.70	R321-024			13.7	<0.001	0.027	8.4	0.154	0.009	<0.001	0.005	13.36	0.845	4.46	0.136	2.72	0.008	0.025	0.001	0.069	47.3	<0.001	0.03	2.13
M374176R321	46.20	46.80	0.60	R321-025			13.45	<0.001	0.025	8.6	0.129	0.009	<0.001	0.006	11.52	0.641	5.29	0.135	2.63	0.008	0.026	0.004	0.029	49.7	<0.001	0.03	1.45
M374176R321	46.80	48.70	1.90	R321-026			13.1	<0.001	0.026	8.37	0.112	0.009	<0.001	0.006	11.32	0.776	5.76	0.154	2.39	0.008	0.026	0.001	0.016	50.5	<0.001	0.027	1.24
M374176R321	48.70	50.20	1.50	R321-027			15.35	<0.001	0.018	13.1	0.069	0.008	0.002	0.003	9.77	0.328	3.57	0.093	1.675	0.006	0.024	0.003	0.075	48.1	<0.001	0.083	1.5
M374176R321	50.20	53.30	3.10	R321-028			15.15	<0.001	0.03	8.54	0.142	0.008	0.002	0.005	11.14	0.807	4.43	0.13	3.04	0.008	0.023	0.001	0.055	49	<0.001	0.037	1.56
M374176R321	53.30	55.10	1.80	R321-029			14.35	<0.001	0.03	8.95	0.127	0.009	0.002	0.006	11.3	0.736	5.06	0.129	2.75	0.009	0.022	0.005	0.062	49.2	<0.001	0.034	1.39
M374177R332	13.3	18.45	5.15	R332-001			7.79	<0.001	0.021	8.6	0.05	0.01	0.296	0.01	9.6	0.876	18.4	0.166	0.506	0.104	0.045	0.002	0.061	44.8	0.002	0.007	1.08
M374177R332	18.45	20.3	1.85	R332-002			7.15	<0.001	0.013	8.15	0.03	0.01	0.342	0.006	9.49	0.177	20.1	0.149	0.309	0.116	0.041	0.007	<0.001	44.6	<0.001	0.004	0.99
M374177R332	20.3	28.6	8.3	R332-003			7.58	<0.001	0.021	8.02	0.041	0.01	0.286	0.018	9.57	1.23	17.95	0.132	0.281	0.096	0.043	0.008	<0.001	45.4	<0.001	0.003	1.08
M374177R332	28.6	29.8	1.2	R332-005			3.88	0.001	0.019	1.63	0.019	0.097	0.065	0.597	15.97	0.439	4.54	0.033	0.138	0.085	0.034	0.401	4.77	56.5	<0.001	0.003	0.51
M374177R332	59.3	61.8	2.5	R332-006			15.4	<0.001	0.029	9.12	0.081	0.008	0.029	0.004	8.89	0.542	5.58	0.132	2.94	0.009	0.019	0.002	0.003	51.8	<0.001	0.038	0.76
M374177R332	61.8	62.75	0.95	R332-007			13.05	<0.001	0.027	9.63	0.061	0.01	0.009	0.006	12.54	0.52	6.01	0.162	2.32	0.011	0.016	0.006	0.003	47.7	<0.001	0.034	1.56
M374177R332	62.75	64	1.25	R332-008			13.1	<0.001	0.027	9.42	0.106	0.009	0.016	0.005	12.32	0.7	5.94	0.159	2.36	0.012	0.015	0.004	<0.001	47.7	<0.001	0.032	1.51
M374177R332	64	65.1	1.1	R332-009			12.95	<0.001	0.024	9.61	0.136	0.009	<0.001	0.006	12.68	0.765	5.96	0.154	2.3	0.009	0.014	0.001	<0.001	47.1	<0.001	0.025	1.64
M374177R332	65.1	67.6	2.5	R332-011			12.7	<0.001	0.025	9.5	0.116	0.009	0.002	0.004	13.3	0.677	5.93	0.156	2.22	0.009	0.015	0.002	<0.001	46.9	<0.001	0.03	1.7
M374177R332	67.6	69.7	2.1	R332-012			14.05	<0.001	0.032	8.67	0.081	0.007	0.002	0.006	10.02	0.851	5.97	0.146	2.56	0.007	0.02	<0.001	<0.001	50.8	<0.001	0.031	0.98
M374177R332	69.7	73.9	4.2	R332-013			15.3	<0.001	0.037	8.49	0.058	0.007	<0.001	0.004	8.39	0.838	5.44	0.122	2.89	0.006	0.021	0.002	0.001	52.7	0.002	0.037	0.62
M374177R332	73.9	76.3	2.4	R332-014			14.6	<0.001	0.021	9.82	0.087	0.008	<0.001	0.004	9.33	0.482	5.3	0.128	2.95	0.007	0.021	0.002	<0.001	51.2	<0.001	0.039	0.92
M374177R332	76.3	79.2	2.9	R332-015			14.75	<0.001	0.034	10	0.087	0.009	0.001	0.005	9.27	0.545	5.53	0.128	2.66	0.008	0.02	0.005	0.003	51.3	0.002	0.04	0.84
M374177R332	79.2	82	2.8	R332-016			13.55	<0.001	0.03	10.15	0.058	0.009	<0.001	0.004	12.32	0.496	5.58	0.147	2.35	0.012	0.014	0.002	0.005	47.6	0.002	0.036	1.61
M374177R332	82	83.2	1.2	R332-017			14.4	<0.001	0.03	9.88	0.146	0.009	0.003	0.003	12.23	0.577	5.09	0.154	2.55	0.011	0.014	0.002	0.006	47.2	<0.001	0.036	1.66
M374177R332	83.2	84.5	1.3	R332-018			16.8	<0.001	0.035	9.36	0.062	0.006	0.002	0.003	6.94	0.639	4.73	0.114	3.05	0.006	0.025	0.001	<0.001	54.1	<0.001	0.042	0.47
M374178R339	113.5	115.5	2	R339-001			13.3	<0.001	0.032	9.29	0.069	0.009	<0.001	0.058	12.18	0.643	4.62	0.15	2.68	0.005	0.027	0.002	0.058	49	<0.001	0.036	1.86
M374178R339	115.5	116.1	0.6	R339-002			12.3	<0.001	0.029	9.27	0.093	0.009	<0.001	0.072	13.35	0.683	4.8	0.164	2.35	0.006	0.031	0.003	0.075	48	<0.001	0.029	2.16
M374178R339	116.10	118.50	2.40	R339-003			12.1	<0.001	0.023	9.14	0.1	0.009	<0.001	0.079	14.84	0.727	4.61	0.162	2.31	0.006	0.024	<0.001	0.084	45.9	<0.001	0.027	2.73
M374178R339	118.50	119.90	1.40	R339-004			13.15	<0.001	0.033	9.11	0.074	0.009	0.003	0.055	12.07	0.775	4.85	0.154	2.59	0.006	0.028	0.005	0.058	49.3	0.001	0.034	1.8
M374178R339	119.90	124.90	5.00	R339-005			12.3	<0.001	0.031	9.44	0.068	0.009	<0.001	0.066	12.96	0.685	5.06	0.155	2.34	0.006	0.025	0.001	0.074	48.3	<0.001	0.03	2.05
M374178R339	124.90	129.90	5.00	R339-007			12.45	<0.001	0.038	9.52	0.065	0.01	<0.001	0.075	13.26	0.665	4.99	0.157	2.36	0.008	0.024	0.006	0.074	47.7	0.001	0.034	2.16
M374178R339	129.90	134.90	5.00	R339-008			13.05	<0.001	0.036	9.35	0.074	0.009	<0.001	0.06	11.7	0.757	4.77	0.146	2.56	0.006	0.029	0.003	0.084	49.5	<0.001	0.034	1.81
M374178R339	134.90	139.90	5.00	R339-009			13.25	<0.001	0.035	9.1	0.046	0.009	<0.001	0.058	12.04	0.736	4.56	0.147	2.56	0.007	0.029	0.001	0.078	49.5	<0.001	0.033	1.86
M374178R339	139.90	144.90	5.00	R339-011	77.1	89.2	14.2	<0.001	0.037	8.92	0.038	0.008	<0.001	0.042	11.14	0.769	4.26	0.136	2.71	0.006	0.029	0.002	0.065	50.5	<0.001	0.035	1.66
M374178R339	144.90	149.00	4.10	R339-012			15.75	<0.001	0.041	8.4	0.037	0.008	<0.001	0.008	11.3	0.785	3.15	0.118	3.25	0.006	0.031	0.002	0.028	49.5	<0.001	0.043	2.02
M374178R339	149.00	154.00	5.00	R339-013			14.65	<0.001	0.036	8.66	0.048	0.009	0.001	0.006	13.64	0.753	3.63	0.132	2.92	0.009	0.023	0.003	0.036	46.1	0.001	0.039	2.68
M374178R339	154.00	160.80	6.80	R339-014			13.05	<0.001	0.031	9.49	0.055	0.009	<0.001	0.006	12.9	0.693	4.84	0.146	2.55	0.008	0.022	0.001	0.052	47.4	<0.001	0.031	2.22
M374178R339	160.80	164.20	3.40	R339-015			13	<0.001	0.036	9.71	0.044	0.008	<0.001	0.006	9.6	0.712	5.47	0.146	2.44	0.006	0.031	0.003	0.02	52.9	0.002	0.034	0.94
M374178R339	172.90	176.35	3.45	R339-016			14.95	<0.001	0.038	8.84	0.056	0.007	<0.001	0.004	10.13	0.832	4.63	0.13	2.98	0.006	0.024	0.003	0.023	50.8	0.002	0.039	1.38
M374178R339	176.35	179.10	2.75	R339-017			12.75	<0.001	0.03	9.24	0.07	0.009	<0.001	0.006	14.63	0.801	4.76	0.15	2.28	0.009	0.021	0.002	0.048	45.4	<0.001	0.032	2.72
M374178R339	179.10	180.70	1.60	R339-018			13.75	0.001	0.021	9.39	0.039	0.007	<0.001	0.006	10.04	0.599	5.19	0.127	2.61	0.006	0.028	<0.001	0.008	51.9	<0.001	0.038	1.21
M374178R339	180.70	181.05	0.35	R339-019			14.1	<0.001	0.033	9.31	0.068	0.009	<0.001	0.004	13.2	0.785	4.26	0.124	2.66	0.009	0.024	0.003	0.035	46	<0.001	0.04	2.89
M374178R339	181.05	181.70	0.65	R339-020			13.15	<0.001	0.021	11.2	0.07	0.009	<0.001	0.006	12.78	0.508	4.47	0.134	2.09	0.009	0.026	0.005	0.023	46	<0.001	0.046	2.91
M374178R339	181.70	182.65	0.95	R339-022			13.3	<0.001	0.036	9.07	0.049	0.009	<0.001	0.008	13.32	0.715	4.62	0.152	2.39	0.009	0.024	0.006	0.068	47.3	<0.001	0.037	2.4
M374178R339	182.65	185.20	2.55	R339-023			13.5	<0.001	0.029	8.78	0.053	0.008	<0.001	0.006	11.3	0.788	5.27	0.148	2.51	0.006	0.027	0.001	0.027	50.6	<0.001	0.032	1.48
M374178R339	185.20	188.95	3.75	R339-024			15.3	<0.001	0.034	8.68	0.059	0.009	0.002	0.006	12.06	0.796	3.89	0.128	2.95	0.007	0.023	0.002	0.065	48	<0.001	0.04	2.08
M374178R339	188.95	190.65	1.70	R339-025			15.75	<0.001	0.032	9.07	0.055	0.007	0.002	0.008	9.33	0.779	4.43	0.122	3.05	0.006	0.024	0.002	0.047	51.4	<0.001	0.041	1.1
M374178R339	190.65	191.15	0.50	R339-026			14.85	<0.001	0.037	9.38	0.051	0.009	<0.001	0.006	10.5	0.7	4.65	0.139	2.67	0.008	0.021	0.003	0.038	50.3	<0.001	0.039	1.36
M374178R339	191.15	195.25	4.10	R339-027			15.3	<0.001	0.03	9.2	0.049	0.007	0.001	0.004	9.22	0.68	4.66	0.124	2.93	0.007	0.025	0.002	0.05	51.9	<0.001	0.039	1.01
M374178R339	195.25	196.25	1.00	R339-029			13.3	0.001	0.028	9.35	0.112	0.009	<0.001	0.006	12.46	0.78	5.25	0.144	2.36	0.009	0.021	0.002	0.106	48	<0.001	0.032	1.78
M374178R339	196.25	196.70	0.45	R339-030			14.9	<0.001	0.034	8.76	0.116	0.008	<0.001	0.031	10.44	1.245	4.7	0.126	2.97	0.007	0.021	0.003	0.161	48.7	<0.001	0.032	1.48
M374178R339	196.70	197.45	0.75	R339-031			14.35	<0.001	0.03	9.34	0.127	0.008	<0.001	0.007	11.56	0.85	4.72	0.131	2.73	0.009	0.02	0.003	0.091	48.2	<0.001	0.035	1.67
M374178R339	197.45	198.95	1.50	R339-032			14.2	<0.001	0.028	8.85	0.122	0.009	<0.001	0.006	11.28	1.01	4.91	0.138	3.2	0.009	0.019	0.002	0.108	48.3	<0.001	0.03	1.58
M374178R339	198.95	203.00	4.05	R339-033			14.1	<0.001	0.03	9.89	0.098	0.009	0.001	0.006	12.02	0.684	4.78	0.134	2.56	0.009	0.017	0.004	0.078	47.4	<0.001	0.037	1.82
M374178R339	203.00	204.05	1.05	R339-034			14.7	<0.001	0.028	9.21	0.071	0.007	0.008	0.003	10.08	0.731	5.26	0.135	2.86	0.006	0.019	<0.001	0.03	50.6	<0.001	0.034	1.12

Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Whole Rock ME-XRF21n V %	Whole Rock ME-XRF21n V2O5 %	Whole Rock ME-XRF21n Zn %	Whole Rock ME-XRF21n Zr %	Whole Rock ME-XRF21n Total %	Mag Con OA-GRA05x LOI 1000 %	Mag Con DTR_REC WashTime min	Mag Con DTR_REC MassRec %	Mag Con ME-XRF21c Al2O3 %	Mag Con ME-XRF21c As %	Mag Con ME-XRF21c Ba %	Mag Con ME-XRF21c CaO %	Mag Con ME-XRF21c Cl %	Mag Con ME-XRF21c Co %	Mag Con ME-XRF21c Cr2O3 %	Mag Con ME-XRF21c Cu %	Mag Con ME-XRF21c Fe %	Mag Con ME-XRF21c K2O %	Mag Con ME-XRF21c MgO %	Mag Con ME-XRF21c Mn %	Mag Con ME-XRF21c Na2O %	Mag Con ME-XRF21c Ni %
M374176R319	15.4	17.25	1.85	R319-001	78.6	92.9	0.119	0.21	0.008	0.005	100.05	0.78	20	0.044	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	17.25	19.25	2	R319-002		88.6	0.19	0.34	0.011	0.004	99.97	0.19	20	6.14	0.95	<0.001	0.012	0.72	0.016	0.009	0.028	0.021	59.3	0.182	0.45	0.27	0.404	0.01
M374176R319	19.25	21.25	2	R319-003			0.196	0.35	0.01	0.002	99.97	0.01	20	6.98	1.13	<0.001	0.013	0.85	0.018	0.009	0.026	0.018	58.47	0.195	0.56	0.265	0.081	0.01
M374176R319	21.25	23.25	2	R319-004			0.248	0.44	0.013	0.003	100	-0.09	20	10.65	0.97	<0.001	0.007	0.88	0.014	0.012	0.031	0.022	59.19	0.163	0.53	0.292	0.058	0.013
M374176R319	23.25	25.25	2	R319-005			0.231	0.41	0.012	0.002	100	-0.02	20	8.98	0.84	<0.001	0.005	0.98	0.015	0.009	0.039	0.018	60.43	0.142	0.41	0.276	0.054	0.013
M374176R319	25.25	27.25	2	R319-007			0.168	0.30	0.01	0.005	99.99	0.44	20	1.515	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	27.25	29.3	2.05	R319-008			0.17	0.30	0.01	0.004	100.05	0.49	20	1.47	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	29.3	31.3	2	R319-009			0.174	0.31	0.011	0.001	100	0.35	20	4.89	1.36	<0.001	0.012	2.69	0.033	0.008	0.028	0.018	57.09	0.198	0.84	0.263	0.104	0.011
M374176R319	31.3	33.3	2	R319-010			0.189	0.34	0.011	0.004	99.98	0.39	20	6.18	0.99	<0.001	0.012	1.71	0.022	0.007	0.035	0.017	58.82	0.187	0.52	0.281	0.06	0.013
M374176R319	33.3	34.5	1.2	R319-011			0.188	0.34	0.01	0.005	99.97	0.09	20	5.74	1.04	<0.001	0.009	1.69	0.027	0.007	0.05	0.018	58.96	0.16	0.5	0.3	0.073	0.013
M374176R319	34.5	36.5	2	R319-013			0.102	0.18	0.008	0.006	99.99	0.71	20	0.15	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	36.5	38.5	2	R319-014			0.053	0.09	0.008	0.007	100.05	0.62																	
M374176R319	38.5	39.4	0.9	R319-015			0.06	0.11	0.008	0.004	99.96	0.96																	
M374176R319	39.4	42.5	3.1	R319-016			0.073	0.13	0.008	0.004	99.97	0.67																	
M374176R319	42.5	45	2.5	R319-017			0.054	0.10	0.007	0.003	99.98	0.59																	
M374176R319	45	48.1	3.1	R319-018			0.052	0.09	0.008	0.004	99.96	0.61																	
M374176R319	48.1	50.8	2.7	R319-019			0.044	0.08	0.009	0.003	99.95	0.62																	
M374176R319	50.8	53.55	2.75	R319-020			0.069	0.12	0.006	<0.001	100.05	0.67																	
M374176R319	53.55	55.4	1.85	R319-021			0.146	0.26	0.007	<0.001	99.97	0.51	20	2.83	1.37	<0.001	<0.001	1.38	0.024	0.002	0.012	0.017	58.09	0.154	0.97	0.307	0.116	0.001
M374176R319	55.4	56.1	0.7	R319-022			0.203	0.36	0.006	0.004	99.97	0.3	20	6.23	0.77	<0.001	0.006	1.18	0.025	0.009	0.012	0.018	60.79	0.112	0.49	0.262	0.065	0.012
M374176R319	56.1	58.85	2.75	R319-023			0.124	0.22	0.006	0.002	100.05	0.82	20	0.361	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	58.85	59.1	0.25	R319-024			0.156	0.28	0.005	0.001	100.05	6.98	20	0.066	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	59.1	61.1	2	R319-025			0.197	0.35	0.007	0.004	99.99	0.65	20	4.11	0.99	<0.001	0.004	1.14	0.022	0.006	0.011	0.022	59.86	0.139	0.73	0.332	0.097	0.009
M374176R319	61.1	62.15	1.05	R319-026			0.134	0.24	0.008	0.004	100.05	0.5	20	2.79	1.3	<0.001	<0.001	1.65	0.021	0.002	0.013	0.014	58.74	0.196	0.91	0.341	0.097	0.003
M374176R319	62.15	64	1.85	R319-027			0.186	0.33	0.01	0.002	100.05	0.37	20	5.71	0.95	<0.001	0.008	1.31	0.028	0.009	0.012	0.016	59.43	0.192	0.67	0.288	0.06	0.014
M374176R319	64	66	2	R319-028			0.301	0.54	0.014	0.004	99.97	-0.29	20	14.2	1.03	<0.001	0.005	0.81	0.021	0.013	0.007	0.015	59.65	0.159	0.64	0.268	0.064	0.016
M374176R319	66	67.1	1.1	R319-029			0.243	0.43	0.012	0.004	100.05	-0.02	20	10.1	1.28	<0.001	0.01	1.04	0.018	0.009	0.006	0.015	58.18	0.219	0.8	0.281	0.065	0.013
M374176R319	67.1	68.8	1.7	R319-031			0.209	0.37	0.01	0.005	100	0.22	20	5.09	0.85	<0.001	0.003	1.48	0.023	0.009	0.007	0.017	60.5	0.136	0.44	0.267	0.045	0.012
M374176R319	68.8	69.6	0.8	R319-032			0.265	0.47	0.01	0.001	99.97	0.61	20	6.3	1.32	<0.001	0.001	2.22	0.024	0.003	0.006	0.015	58.49	0.096	0.66	0.25	0.168	0.009
M374176R319	69.6	70.1	0.5	R319-033			0.23	0.41	0.009	0.004	100	0.22	20	6.13	0.82	<0.001	0.001	0.87	0.021	0.007	0.014	0.017	62.22	0.08	0.4	0.24	0.083	0.012
M374176R319	70.1	73.1	3	R319-034			0.116	0.21	0.006	0.004	100.05	0.75	20	0.093	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	73.1	75.15	2.05	R319-035			0.15	0.27	0.006	0.004	100	0.57	20	1.42	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	75.15	77.3	2.15	R319-036			0.199	0.36	0.01	0.004	99.97	0.15	20	7.41	1.16	<0.001	0.014	1.1	0.036	0.008	0.035	0.014	58.76	0.242	0.83	0.291	0.075	0.013
M374176R319	77.3	80.1	2.8	R319-037			0.166	0.30	0.006	0.002	100	0.53	20	2.32	1.26	0.001	<0.001	1.25	0.029	<0.001	0.033	0.007	58.3	0.184	0.71	0.307	0.095	<0.001
M374176R319	80.1	82.15	2.05	R319-038			0.192	0.34	0.01	<0.001	100.05	0.14	20	7.81	1.42	<0.001	0.014	1.58	0.032	0.009	0.015	0.016	56.95	0.311	1.24	0.3	0.088	0.013
M374176R319	82.15	83.65	1.5	R319-040			0.144	0.26	0.009	0.003	100.05	0.39	20	3.79	1.2	<0.001	0.011	1.32	0.024	0.009	0.026	0.018	58.68	0.27	0.95	0.321	0.075	0.021
M374176R319	83.65	84.7	1.05	R319-041	77.6	89.6	0.163	0.29	0.006	0.001	99.99	1.14	20	4.31	1.02	<0.001	0.001	1.82	0.024	0.005	0.008	0.016	58.85	0.139	0.72	0.333	0.068	0.009
M374176R319	84.7	87.95	3.25	R319-042			0.172	0.31	0.008	0.004	99.97	0.79	20	1.035	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	87.95	90	2.05	R319-043			0.205	0.37	0.01	0.003	99.96	0.04	20	8.49	1.96	<0.001	0.013	1.88	0.026	0.01	0.012	0.014	54.35	0.371	1.4	0.308	0.124	0.019
M374176R319	90	92	2	R319-044			0.223	0.40	0.009	<0.001	100.05	0.28	20	7.89	1.54	<0.001	0.013	1.69	0.028	0.009	0.032	0.015	57.19	0.267	0.89	0.333	0.102	0.016
M374176R319	92	94	2	R319-045			0.226	0.40	0.009	0.003	99.97	0.42	20	8.63	1.49	<0.001	0.01	2.1	0.033	0.007	0.051	0.015	55.6	0.257	1.38	0.346	0.107	0.014
M374176R319	94	95	1	R319-046			0.234	0.42	0.01	0.001	100	0.1	20	8.89	0.92	<0.001	0.008	0.85	0.019	0.009	0.064	0.015	60.68	0.215	0.8	0.298	0.059	0.014
M374176R319	95	96.05	1.05	R319-047			0.197	0.35	0.006	0.004	100.05	0.33	20	0.094	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	1.50	2.00	0.50	R320-001			0.166	0.30	0.011	0.006	100	0.49	20	3.94	0.66	<0.001	0.005	0.89	0.02	0.009	0.017	0.021	61.86	0.071	0.33	0.307	0.063	0.009
M374176R320	2.00	2.50	0.50	R320-002			0.095	0.17	0.009	0.01	100.05	0.64																	
M374176R320	18.50	20.10	1.60	R320-003			0.15	0.27	0.008	0.006	100.05	0.4	20	0.019	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	20.10	22.10	2.00	R320-004			0.197	0.35	0.009	0.004	100.05	0.19	20	1.795	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	22.10	22.55	0.45	R320-005			0.198	0.35	0.012	0.01	99.96	0.55	20	0.261	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	22.55	24.00	1.45	R320-006			0.258	0.46	0.01	0.002	99.99	0.18	20	5.19	0.72	<0.001	0.001	0.74	0.021	0.009	0.039	0.02	60.75	0.073	0.32	0.281	0.071	0.012
M374176R320	24.00	26.00	2.00	R320-008			0.235	0.42	0.012	0.004	99.96	0.02	20	8.44	0.75	<0.001	0.003	1.82	0.026	0.008	0.042	0.018	59.73	0.085	0.45	0.277	0.064	0.009
M374176R320	26.00	27.50	1.50	R320-009			0.176	0.31	0.01	0.003	100	0.1	20	5.66	0.53	<0.001	0.003	1.44	0.017	0.009	0.027	0.018	62.03	0.058	0.27	0.258	0.028	0.01
M374176R320	27.50	28.65	1.15	R320-011			0.175	0.31	0.009	0.003	100.05	0.38	20	0.859	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	28.65	30.40	1.75	R320-012			0.146	0.26	0.008	<0.001	100	0.08	20	4.03	0.79	<0.001	0.002	2.06	0.021	0.006	0.032	0.018	60.17	0.099	0.42	0.252	0.055	0.01
M374176R320	30.40	31.40	1.00	R320-013			0.158	0.28	0.007	0.001	99.95	0.27	20	2.88	0.88	<0.001	<0.001	2.94	0.016	0.002	0.032	0.013	57.63	0.098	0.45	0.224	0.056	0.004
M374176R320	31.40	32.30	0.90	R320-014			0.19	0.34	0.008	<0.001	99.99	0.5	20	0.134	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	32.30	34.10	1.80	R320-015			0.152	0.27	0.009	0.002	99.95	0.2	20	1.66	0.92	0.003	<0.001	2.6	<0.001	<0.001	0.048	<0.001	58.35	0.097	0.44	0.263	0.076	<0.001
M374176R320	34.10	36.00	1.90	R320-016			0.054	0.10	0.007	0.006	100.05	0.44																	
M374176R320	36.00	36.50	0.50	R320-017			0.056	0.10	0.008	0.003	100	0.45																	
M374176R320	36.50	39.50	3.50	R320-018			0.068	0.12	0.009	0.005	99.98	0.38																	
M374176R320	39.50	42.00	2.50	R320-019			0.067	0.12	0.006	0.006	99.98	0.4																	
M374176R320	42.00	44.00	2.00	R320-020			0.052	0.09	0.006	0.004	99.98	0.39																	
M374176R320	44.00	46.10	2.10	R320-021			0.055	0.10	0.006	0.004	99.99	0.44																	
M374176R320	46.10	47.50	1.40	R320-022			0.048	0.09	0.006	0.004	100.05	0.5																	
M374176R320	47.50	48.00	0.50	R320-023			0.039	0.07	0.006	0.007	100	0.3																	
M374176R320	48.00	50.70	2.70	R320-024			0.07	0.12	0.005	<0.001	100	0.56																	
M374176R320	50.70	51.85	1.15	R320-025			0.152	0.27	0.008	0.004	99.97	0.08	20	3.33	0.6	<0.001	0.002	0.62	0.014	0.006	0.018	0.014	61.71	0.07	0.33	0.304	0.06	0.007
M374176R320	51.85	53.10	1.25	R320-027			0.146	0.26	0.01	0.002	100	0.17	20	2.25	0.73	<0.001	<0.001	0.72	<0.001	<0.001	0.011	0.008	61.47	0.079	0.46	0.315	0.038	<0.001
M374176R320	53.10	53.55	0.45	R320-028			0.121	0.22	0.009	0.004	100	0.4	20	0.014	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	53.55	53.95	0.40	R320-029			0.032	0.06	0.01	0.006	100	1.14																	
M374176R320	53.95	54.85	0.90	R320-030			0.062	0.11	0.006	0.003	99.97	0.54																	
M374176R320	54.85	56.85	2.00	R320-031			0.138	0.25	0.009	0.002	100.05	0.26	20	4.01	1.12	<0.001	0.005	1.9	0.031	0.007	0.011	0.014	57.72	0.123	0.84	0.355	0.259	0.009
M374176R320	56.85	58.45	1.60	R320-032			0.214	0.38	0.01	0.001	100.05	0.07	20	8.44	0.74	<0.001	<0.001	1.05	0.019	0.007	0.006	0.012	57.7	0.085	0.49	0.344	0.057	0.009
M374176R320	58.45	60.80	2.35	R320-033			0.16	0.29	0.007	0.001	99.99	0.55	20	0.62	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	60.80	62.85	2.05	R320-034	74.3	91.2	0.228	0.41	0.01	0.002	100	0.19	20	6.27	0.87	<0.001	<0.001	2.06	0.039	0.007	0.01	0.017	58.84	0.095	0.36	0.333	0.07	0.012
M374176R320	62.85	64.85	2.00	R320-036		88.8	0.266	0.47	0.01	0.004	99.98	0.03	20	9.65	0.67	<0.001	<0.001	1.21	0.132	0.004	0.02	0.013	57	0.081	0.38	0.352	0.067	0.009
M374176R320	64.85	65.80	0.95	R320-037			0.132	0.24	0.008	0.006	99.97	0.37	20	1.08	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	65.80	67.80	2.00	R320-038			0.207	0.37	0.006	0.002	100	0.14	20	6.06	0.82	<0.001	<0.001	0.87	0.028	0.009	0.012	0.017	60.81	0.102	0.46	0.288	0.065	0.01
M374176R320	67.80	70.90	3.10	R320-039			0.114	0.20	0.006	0.004	99.98	0.77	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	70.90	72.50	1.60	R320-040			0.158	0.28	0.006	0.001	99.98	0.31	20	0.036	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Whole Rock ME-XRF21n V %	Whole Rock ME-XRF21n V2O5 %	Whole Rock ME-XRF21n Zn %	Whole Rock ME-XRF21n Zr %	Whole Rock ME-XRF21n Total %	Mag Con OA-GRA05x LOI 1000 %	Mag Con DTR_REC WashTime min	Mag Con DTR_REC MassRec %	Mag Con ME-XRF21c Al2O3 %	Mag Con ME-XRF21c As %	Mag Con ME-XRF21c Ba %	Mag Con ME-XRF21c CaO %	Mag Con ME-XRF21c Cl %	Mag Con ME-XRF21c Co %	Mag Con ME-XRF21c Cr2O3 %	Mag Con ME-XRF21c Cu %	Mag Con ME-XRF21c Fe %	Mag Con ME-XRF21c K2O %	Mag Con ME-XRF21c MgO %	Mag Con ME-XRF21c Mn %	Mag Con ME-XRF21c Na2O %	Mag Con ME-XRF21c Ni %
M374176R320	86.10	87.40	14.90	R320-041			0.185	0.33	0.006	0.002	99.99	0.37	20	0.059	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	87.40	89.40	2.00	R320-042			0.19	0.34	0.006	0.001	99.97	0.34	20	1.315	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	89.40	90.40	1.00	R320-043			0.206	0.37	0.006	0.004	99.99	0.28	20	2.5	1.94	<0.001	<0.001	1.82	0.018	<0.001	0.081	0.006	53.59	0.195	1.18	0.321	0.152	<0.001
M374176R320	90.40	91.80	1.40	R320-044			0.132	0.24	0.006	0.005	99.98	0.43	20	0.018	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	91.80	93.50	1.70	R320-045			0.036	0.06	0.005	0.006	100.05	0.54																
M374176R321	2.00	4.10	2.10	R321-001			0.204	0.36	0.01	0.004	100	0.19	20	7.9	0.57	<0.001	0.005	0.56	0.017	0.008	0.025	0.018	61.13	0.102	0.28	0.259	0.025	0.011
M374176R321	4.10	7.20	3.10	R321-002			0.225	0.40	0.008	0.001	100	0.54	20	8.27	0.63	<0.001	0.003	0.84	0.018	0.007	0.024	0.018	60.61	0.076	0.47	0.264	0.039	0.011
M374176R321	7.20	8.65	1.45	R321-003			0.232	0.41	0.007	0.002	99.98	0.48	20	4.85	0.5	<0.001	0.001	0.64	0.016	0.008	0.049	0.018	62.93	0.048	0.24	0.259	0.034	0.013
M374176R321	8.65	9.20	0.55	R321-004			0.185	0.33	0.006	0.003	99.99	0.58	20	0.028	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	9.20	10.80	1.60	R321-005			0.172	0.31	0.008	0.004	100	0.27	20	1.255	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	10.80	13.40	2.60	R321-006			0.15	0.27	0.006	0.007	99.97	0.47	20	0.122	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	13.40	15.00	1.60	R321-007			0.16	0.29	0.005	0.002	100.05	0.15	20	2.49	0.74	<0.001	<0.001	1.59	0.009	<0.001	0.052	0.011	62.12	0.061	0.63	0.188	0.04	0.002
M374176R321	15.00	16.05	1.05	R321-008			0.178	0.32	0.003	0.006	100	0.71	20	1.4	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	16.05	16.90	0.85	R321-010			0.124	0.22	0.003	0.004	100.05	0.95	20	0.211	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	16.90	18.40	1.50	R321-011			0.052	0.09	0.005	0.007	100	0.93																
M374176R321	18.40	20.30	1.90	R321-012			0.055	0.10	0.005	0.005	99.95	0.76																
M374176R322	20.30	20.70	0.40	R321-013			0.066	0.12	0.004	<0.001	100.05	0.69																
M374176R321	20.70	21.70	1.00	R321-014			0.072	0.13	0.004	0.003	99.98	0.56																
M374176R321	33.80	35.20	1.40	R321-015			0.17	0.30	0.004	0.004	100	0.6	20	0.191	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	35.20	36.85	1.65	R321-016			0.144	0.26	0.004	0.004	100	0.5	20	0.026	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	36.85	37.30	0.45	R321-017	82.9	94	0.213	0.38	0.006	0.003	99.98	0.5	20	0.293	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	37.30	38.45	1.15	R321-018		90	0.254	0.45	0.005	0.003	100.05	0.24	20	5.47	0.47	<0.001	0.002	0.64	0.013	0.006	0.008	0.016	63.29	0.039	0.45	0.192	0.034	0.009
M374176R321	38.45	39.45	1.00	R321-019	76.9		0.294	0.52	0.005	0.001	100.05	0.13	20	8.42	0.49	<0.001	0.002	0.61	0.016	0.009	0.006	0.015	61.95	0.059	0.36	0.229	0.026	0.011
M374176R321	39.45	41.50	2.05	R321-020			0.231	0.41	0.005	0.004	100	0.25	20	4.59	0.55	<0.001	<0.001	0.7	0.018	0.006	0.008	0.015	61.98	0.057	0.37	0.237	0.04	0.009
M374176R321	41.50	42.50	1.00	R321-022			0.234	0.42	0.004	0.002	100.05	0.26	20	2.46	1.24	<0.001	<0.001	1.72	0.021	<0.001	0.004	0.008	58.04	0.124	0.85	0.256	0.43	<0.001
M374176R321	42.50	44.50	2.00	R321-023			0.228	0.41	0.003	0.002	100	0.37	20	4.24	0.49	<0.001	0.001	0.55	0.022	0.009	0.011	0.015	62.1	0.054	0.27	0.251	0.044	0.013
M374176R321	44.50	46.20	1.70	R321-024			0.219	0.39	0.004	<0.001	99.97	0.25	20	3.97	0.59	<0.001	0.003	0.7	0.018	0.008	0.013	0.016	61.82	0.057	0.39	0.221	0.046	0.01
M374176R321	46.20	46.80	0.60	R321-025			0.143	0.26	0.006	0.004	99.94	0.89	20	0.214	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	46.80	48.70	1.90	R321-026			0.12	0.21	0.006	0.006	99.98	0.9	20	0.045	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	48.70	50.20	1.50	R321-027			0.184	0.33	0.004	0.007	99.99	1.48	20	0.011	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	50.20	53.30	3.10	R321-028			0.182	0.32	0.004	0.004	99.99	0.58	20	0.326	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	53.30	55.10	1.80	R321-029			0.167	0.30	0.006	0.007	100	0.48	20	0.094	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	13.3	18.45	5.15	R332-001			0.024	0.04	0.008	0.011	99.98	3.12																
M374177R332	18.45	20.3	1.85	R332-002			0.022	0.04	0.01	0.007	100.05	4.06																
M374177R332	20.3	28.6	8.3	R332-003			0.024	0.04	0.015	0.005	100	3.92																
M374177R332	28.6	29.8	1.2	R332-005			0.021	0.04	0.538	0.001	>110	6.95																
M374177R332	59.3	61.8	2.5	R332-006			0.083	0.15	0.007	0.001	100	0.53																
M374177R332	61.8	62.75	0.95	R332-007			0.207	0.37	0.009	0.004	100.05	0.49	20	3.46	0.97	<0.001	<0.001	1.26	<0.001	<0.001	0.009	0.008	60.17	0.08	0.72	0.277	0.035	<0.001
M374177R332	62.75	64	1.25	R332-008			0.206	0.37	0.008	0.002	100.05	0.83	20	0.648	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	64	65.1	1.1	R332-009			0.226	0.40	0.008	<0.001	99.97	0.66	20	0.12	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	65.1	67.6	2.5	R332-011			0.25	0.45	0.008	<0.001	100.05	0.47	20	3.18	0.98	<0.001	<0.001	1.5	0.012	<0.001	0.068	0.013	59.68	0.077	0.56	0.364	0.052	0.005
M374177R332	67.6	69.7	2.1	R332-012			0.122	0.22	0.006	<0.001	99.98	1.12	20	0.035	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	69.7	73.9	4.2	R332-013			0.076	0.14	0.006	0.004	100	1.18																
M374177R332	73.9	76.3	2.4	R332-014			0.124	0.22	0.006	0.001	99.99	0.72	20	0.005	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	76.3	79.2	2.9	R332-015			0.12	0.21	0.007	0.005	100	0.46	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	79.2	82	2.8	R332-016			0.232	0.41	0.007	0.004	99.99	0.18	20	5.94	1.36	<0.001	0.006	1.78	0.018	0.009	0.023	0.014	57.4	0.179	1	0.288	0.083	0.016
M374177R332	82	83.2	1.2	R332-017			0.235	0.42	0.008	0.004	100	0.22	20	1.57	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	83.2	84.5	1.3	R332-018			0.03	0.05	0.006	0.006	100	0.48																
M374178R339	113.5	115.5	2	R339-001			0.13	0.23	0.01	0.004	100	0.3	20	0.005	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	115.5	116.1	0.6	R339-002			0.151	0.27	0.01	0.007	99.96	0.26	20	0.012	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	116.10	118.50	2.40	R339-003			0.192	0.34	0.009	0.002	100	0.15	20	2.29	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	118.50	119.90	1.40	R339-004			0.119	0.21	0.009	0.005	99.99	0.27	20	0.032	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	119.90	124.90	5.00	R339-005			0.142	0.25	0.01	0.002	99.99	0.32	20	3.42	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	124.90	129.90	5.00	R339-007			0.149	0.27	0.012	0.007	100.05	0.2	20	4.9	0.59	<0.001	<0.001	1.22	0.001	<0.001	0.029	0.013	63.13	0.057	0.33	0.174	0.025	<0.001
M374178R339	129.90	134.90	5.00	R339-008			0.116	0.21	0.01	0.005	99.99	0.52	20	2.88	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	134.90	139.90	5.00	R339-009			0.132	0.24	0.01	0.002	99.97	0.25	20	3.48	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	139.90	144.90	5.00	R339-011	77.1	89.2	0.17	0.21	0.01	0.003	99.98	0.2	20	2.77	0.69	<0.001	<0.001	1.27	<0.001	<0.001	0.05	0.014	62.13	0.082	0.38	0.235	0.021	<0.001
M374178R339	144.90	149.00	4.10	R339-012			0.158	0.28	0.01	0.004	99.96	0.18	20	5.6	0.6	<0.001	0.004	0.99	0.009	0.008	0.031	0.015	61.38	0.076	0.39	0.252	0.04	0.009
M374178R339	149.00	154.00	5.00	R339-013			0.219	0.39	0.01	0.004	100	0.22	20	6.57	0.76	<0.001	0.004	0.91	0.011	0.009	0.035	0.017	62.19	0.077	0.41	0.205	0.057	0.013
M374178R339	154.00	160.80	6.80	R339-014			0.178	0.32	0.01	0.003	100.05	0.47	20	3.22	0.8	<0.001	<0.001	1.32	<0.001	<0.001	0.038	0.008	61.69	0.076	0.38	0.21	0.032	<0.001
M374178R339	160.80	164.20	3.40	R339-015			0.061	0.11	0.008	0.006	100	0.5																
M374178R339	172.90	176.35	3.45	R339-016			0.112	0.20	0.008	0.006	99.95	0.41	20	0.026	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	176.35	179.10	2.75	R339-017			0.239	0.43	0.007	0.001	100.05	0.16	20	4.7	0.77	<0.001	0.003	1.03	0.014	0.008	0.013	0.017	62.48	0.076	0.49	0.195	0.068	0.013
M374178R339	179.10	180.70	1.60	R339-018			0.092	0.16	0.006	0.004	99.99	0.43																
M374178R339	180.70	181.05	0.35	R339-019			0.251	0.45	0.006	0.004	100	0.18	20	1.215	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	181.05	181.70	0.65	R339-020			0.24	0.43	0.007	0.006	100	0.45	20	0.474	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	181.70	182.65	0.95	R339-022			0.198	0.35	0.011	0.006	100	0.17	20	3.76	0.76	<0.001	0.002	0.9	0.012	0.008	0.019	0.018	62.32	0.077	0.41	0.221	0.07	0.014
M374178R339	182.65	185.20	2.55	R339-023			0.116	0.21	0.008	0.004	100.05	0.26	20	0.127	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	185.20	188.95	3.75	R339-024			0.201	0.36	0.008	0.001	100.05	0.16	20	4.51	0.96	<0.001	0.003	1.27	0.014	0.007	0.057	0.017	60.31	0.099	0.59	0.239	0.077	0.01
M374178R339	188.95	190.65	1.70	R339-025			0.108	0.19	0.007	0.003	100.05	0.39	20	0.25	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	190.65	191.15	0.50	R339-026			0.139	0.25	0.009	0.004	100	0.33	20	1.165	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	191.15	195.25	4.10	R339-027			0.097	0.17	0.006	0.003	99.99	0.43																
M374178R339	195.25	196.25	1.00	R339-029			0.198	0.35	0.006	0.004	99.99	0.27	20	2.41	0.77	<0.001	<0.001	1.22	<0.001	<0.001	0.035	0.012	62.28	0.065	0.4	0.223	0.035	0.001
M374178R339	196.25	196.70	0.45	R339-030			0.163	0.29	0.006	0.004	99.98	1.1	20	0.31	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	196.70	197.45	0.75	R339-031			0.188	0.34	0.006	0.004	99.96	0.54	20	2.06	1.09	0.001	<0.001	2.06	0.004	<0.001	0.011	0.009	60.77	0.097	0.56	0.188	0.051	<0.001
M374178R339	197.45	198.95	1.50	R339-032			0.178	0.32	0.006	0.003	100	0.77	20	0.288	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	198.95	203.00	4.05	R339-033			0.222	0.40	0.008	0.004	99.97	0.49	20	4	0.66	<0.001	0.002	1.27	0.014	0.009	0.041	0.018	63.5	0.056	0.39	0.19	0.041	0.013
M374178R339	203.00	204.05	1.05	R339-034			0.104	0.19	0.006	0.002	99.99	0.43	20	0.024	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Mag Con ME-XRF21c P %	Mag Con ME-XRF21c Pb %	Mag Con ME-XRF21c S %	Mag Con ME-XRF21c SiO2 %	Mag Con ME-XRF21c Sn %	Mag Con ME-XRF21c Sr %	Mag Con ME-XRF21c TiO2 %	Mag Con ME-XRF21c V %	Mag Con ME-XRF21c V2O5 %	Mag Con ME-XRF21c Zn %	Mag Con ME-XRF21c Zr %	Mag Con ME-XRF21c Total %	Mag Con OA-GRA05xc LOI 1000 %
M374176R319	15.4	17.25	1.85	R319-001	78.6	92.9	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	17.25	19.25	2	R319-002		88.6	0.002	0.021	0.008	3.1	0.002	0.006	11.85	1.405	2.51	0.015	0.007	101.45	-4.06
M374176R319	19.25	21.25	2	R319-003			0.002	0.019	0.008	3.91	0.002	0.005	11.3	1.34	2.39	0.015	0.007	100.8	-3.78
M374176R319	21.25	23.25	2	R319-004			0.002	0.021	0.009	3.31	0.001	0.006	11.8	1.39	2.48	0.018	0.008	101.8	-3.63
M374176R319	23.25	25.25	2	R319-005			0.003	0.022	0.005	3.01	0.001	0.006	10.1	1.455	2.60	0.017	0.006	101.3	-3.8
M374176R319	25.25	27.25	2	R319-007			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	27.25	29.3	2.05	R319-008			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	29.3	31.3	2	R319-009			0.003	0.023	0.005	6.48	0.001	0.007	9	1.295	2.31	0.012	0.006	105.15	NSS
M374176R319	31.3	33.3	2	R319-010			0.003	0.018	0.005	4.19	0.002	0.005	9.24	1.31	2.34	0.01	0.004	100.15	-3.75
M374176R319	33.3	34.5	1.2	R319-011			0.003	0.02	0.004	4.07	<0.001	0.006	10.35	1.31	2.34	0.01	0.007	101.45	-3.67
M374176R319	34.5	36.5	2	R319-013			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	36.5	38.5	2	R319-014															
M374176R319	38.5	39.4	0.9	R319-015															
M374176R319	39.4	42.5	3.1	R319-016															
M374176R319	42.5	45	2.5	R319-017															
M374176R319	45	48.1	3.1	R319-018															
M374176R319	48.1	50.8	2.7	R319-019															
M374176R319	50.8	53.55	2.75	R319-020															
M374176R319	53.55	55.4	1.85	R319-021			<0.001	0.007	0.004	5.66	<0.001	0.003	9.78	1.015	1.81	0.002	0.005	104.8	NSS
M374176R319	55.4	56.1	0.7	R319-022			0.003	0.024	0.006	3.19	<0.001	0.007	10.4	1.16	2.07	0.007	0.007	101.9	-3.8
M374176R319	56.1	58.85	2.75	R319-023			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	58.85	59.1	0.25	R319-024			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	59.1	61.1	2	R319-025			0.003	0.02	0.008	4.31	0.001	0.006	9.35	1.005	1.79	0.004	0.006	104.75	NSS
M374176R319	61.1	62.15	1.05	R319-026			<0.001	0.008	<0.001	5.6	<0.001	0.004	9.73	0.947	1.69	0.002	0.006	105.7	NSS
M374176R319	62.15	64	1.85	R319-027			0.002	0.019	0.006	4.07	0.002	0.005	9.59	1.345	2.40	0.009	0.006	101.4	-3.4
M374176R319	64	66	2	R319-028			0.002	0.021	0.004	3.36	0.001	0.008	10.75	1.47	2.62	0.02	0.006	101.4	-3.87
M374176R319	66	67.1	1.1	R319-029			0.002	0.02	0.004	4.39	0.001	0.004	10.2	1.495	2.67	0.018	0.005	100.8	-3.6
M374176R319	67.1	68.8	1.7	R319-031			0.003	0.02	0.004	3.43	0.001	0.006	8.87	1.505	2.69	0.007	0.006	104.95	NSS
M374176R319	68.8	69.6	0.8	R319-032			0.003	0.017	0.004	5.87	0.001	0.007	7.41	1.225	2.19	0.004	0.004	100.8	-3.22
M374176R319	69.6	70.1	0.5	R319-033			0.003	0.02	0.005	3.03	0.001	0.007	7.54	1.355	2.42	0.004	0.004	101.3	-3.36
M374176R319	70.1	73.1	3	R319-034			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	73.1	75.15	2.05	R319-035			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	75.15	77.3	2.15	R319-036			0.003	0.019	0.012	4.81	0.002	0.006	9.01	1.37	2.45	0.011	0.006	100.7	-3.6
M374176R319	77.3	80.1	2.8	R319-037			<0.001	<0.001	0.001	4.72	<0.001	<0.001	10.05	1.01	1.80	<0.001	0.003	103.9	NSS
M374176R319	80.1	82.15	2.05	R319-038			0.003	0.021	0.009	6.44	0.002	0.007	9.33	1.3	2.32	0.012	0.005	101.15	-3.6
M374176R319	82.15	83.65	1.5	R319-040			0.003	0.023	0.013	5.16	0.001	0.008	9.99	1.13	2.02	0.01	0.007	105.55	NSS
M374176R319	83.65	84.7	1.05	R319-041	77.6	89.6	0.003	0.019	0.004	4.59	0.001	0.006	9	1.075	1.92	0.003	0.006	104	NSS
M374176R319	84.7	87.95	3.25	R319-042			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R319	87.95	90	2.05	R319-043			0.003	0.02	0.012	7.66	0.002	0.007	9.97	1.485	2.65	0.018	0.004	100.75	-3.61
M374176R319	90	92	2	R319-044			0.003	0.021	0.008	5.54	0.001	0.007	10.15	1.575	2.81	0.014	0.005	101.75	-3.69
M374176R319	92	94	2	R319-045			0.003	0.023	0.009	7.51	0.002	0.008	9.71	1.39	2.48	0.01	0.007	102	-3.23
M374176R319	94	95	1	R319-046			0.002	0.023	0.009	4.04	0.002	0.007	8.86	1.525	2.72	0.012	0.007	101.95	-3.92
M374176R319	95	96.05	1.05	R319-047			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	1.50	2.00	0.50	R320-001			0.003	0.022	0.004	2.67	<0.001	0.006	9.44	1.165	2.08	0.014	0.004	105.25	NSS
M374176R320	2.00	2.50	0.50	R320-002															
M374176R320	18.50	20.10	1.60	R320-003			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	20.10	22.10	2.00	R320-004			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	22.10	22.55	0.45	R320-005			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	22.55	24.00	1.45	R320-006			0.002	0.024	0.032	2.4	0.001	0.005	12.05	1.195	2.13	0.015	0.007	106	NSS
M374176R320	24.00	26.00	2.00	R320-008			0.003	0.022	0.018	4.04	<0.001	0.006	9.84	1.275	2.28	0.014	0.005	101.6	-3.73
M374176R320	26.00	27.50	1.50	R320-009			0.002	0.02	0.012	2.7	0.001	0.006	7.98	1.4	2.50	0.014	0.004	101.15	-3.59
M374176R320	27.50	28.65	1.15	R320-011			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	28.65	30.40	1.75	R320-012			0.003	0.021	0.011	4.06	<0.001	0.005	8.42	1.38	2.46	0.014	0.004	104.9	NSS
M374176R320	30.40	31.40	1.00	R320-013			<0.001	0.005	0.012	5.37	<0.001	0.002	8.73	1.39	2.48	0.006	0.002	103.85	NSS
M374176R320	31.40	32.30	0.90	R320-014			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	32.30	34.10	1.80	R320-015			<0.001	<0.001	0.011	5.3	<0.001	<0.001	9.5	1.19	2.12	<0.001	<0.001	104.9	NSS
M374176R320	34.10	36.00	1.90	R320-016															
M374176R320	36.00	36.50	0.50	R320-017															
M374176R320	36.50	39.50	3.50	R320-018															
M374176R320	39.50	42.00	2.50	R320-019															
M374176R320	42.00	44.00	2.00	R320-020															
M374176R320	44.00	46.10	2.10	R320-021															
M374176R320	46.10	47.50	1.40	R320-022															
M374176R320	47.50	48.00	0.50	R320-023															
M374176R320	48.00	50.70	2.70	R320-024															
M374176R320	50.70	51.85	1.15	R320-025			0.001	0.014	0.022	2.3	<0.001	0.004	9.96	1.245	2.22	0.007	0.003	104.95	NSS
M374176R320	51.85	53.10	1.25	R320-027			<0.001	<0.001	0.006	3.08	<0.001	0.001	9.88	1.09	1.95	0.004	0.002	105.3	NSS
M374176R320	53.10	53.55	0.45	R320-028			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	53.55	53.95	0.40	R320-029															
M374176R320	53.95	54.85	0.90	R320-030															
M374176R320	54.85	56.85	2.00	R320-031			0.002	0.02	0.011	5.46	<0.001	0.006	10.2	1.21	2.16	0.014	0.006	105.25	NSS
M374176R320	56.85	58.45	1.60	R320-032			0.002	0.011	0.016	3.07	<0.001	0.003	10.8	1.23	2.20	0.011	0.003	98.07	-3.54
M374176R320	58.45	60.80	2.35	R320-033			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	60.80	62.85	2.05	R320-034	74.3	91.2	0.002	0.025	0.011	3.8	0.004	0.007	11.3	1.33	2.37	0.011	0.007	105.7	NSS
M374176R320	62.85	64.85	2.00	R320-036		88.8	0.003	0.015	0.032	2.55	<0.001	0.004	12.7	1.26	2.25	0.051	0.004	98.51	-3.75
M374176R320	64.85	65.80	0.95	R320-037			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	65.80	67.80	2.00	R320-038			0.002	0.021	0.019	2.92	0.002	0.006	10.75	1.22	2.18	0.01	0.006	105.7	NSS
M374176R320	67.80	70.90	3.10	R320-039			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	70.90	72.50	1.60	R320-040			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

Hole ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	CRU-QC Pass2mm %	PUL-QC Pass75um %	Mag Con ME-XRF21c P %	Mag Con ME-XRF21c Pb %	Mag Con ME-XRF21c S %	Mag Con ME-XRF21c SiO2 %	Mag Con ME-XRF21c Sn %	Mag Con ME-XRF21c Sr %	Mag Con ME-XRF21c TiO2 %	Mag Con ME-XRF21c V %	Mag Con ME-XRF21c V2O5 %	Mag Con ME-XRF21c Zn %	Mag Con ME-XRF21c Zr %	Mag Con ME-XRF21c Total %	Mag Con OA-GRA05xc LOI 1000 %
M374176R320	86.10	87.40	14.90	R320-041			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	87.40	89.40	2.00	R320-042			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	89.40	90.40	1.00	R320-043			<0.001	<0.001	0.087	7.66	<0.001	<0.001	10.9	1.36	2.43	<0.001	0.001	103.65	NSS
M374176R320	90.40	91.80	1.40	R320-044			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R320	91.80	93.50	1.70	R320-045															
M374176R321	2.00	4.10	2.10	R321-001			0.002	0.02	0.009	2.21	0.001	0.005	10.25	1.3	2.32	0.01	0.006	100.1	-4.13
M374176R321	4.10	7.20	3.10	R321-002			0.002	0.02	0.006	3.37	<0.001	0.006	9.04	1.22	2.18	0.008	0.007	100.7	-3.14
M374176R321	7.20	8.65	1.45	R321-003			0.002	0.021	0.034	1.82	0.002	0.006	8.62	1.255	2.24	0.01	0.007	104.75	NSS
M374176R321	8.65	9.20	0.55	R321-004			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	9.20	10.80	1.60	R321-005			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	10.80	13.40	2.60	R321-006			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	13.40	15.00	1.60	R321-007			<0.001	<0.001	0.021	5	<0.001	0.003	5.74	0.972	1.74	0.001	0.004	104.75	NSS
M374176R321	15.00	16.05	1.05	R321-008			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	16.05	16.90	0.85	R321-010			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	16.90	18.40	1.50	R321-011															
M374176R321	18.40	20.30	1.90	R321-012															
M374176R322	20.30	20.70	0.40	R321-013															
M374176R321	20.70	21.70	1.00	R321-014															
M374176R321	33.80	35.20	1.40	R321-015			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	35.20	36.85	1.65	R321-016			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	36.85	37.30	0.45	R321-017	82.9	94	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	37.30	38.45	1.15	R321-018		90	0.003	0.02	0.014	2.79	0.001	0.005	7.48	0.86	1.54	0.002	0.007	104.35	NSS
M374176R321	38.45	39.45	1.00	R321-019	76.9		0.002	0.02	0.027	2.1	0.001	0.007	9.78	1.09	1.95	0.007	0.007	100.9	-3.55
M374176R321	39.45	41.50	2.05	R321-020			0.002	0.017	0.074	2.29	0.002	0.004	8.75	1.065	1.90	0.004	0.006	103.9	NSS
M374176R321	41.50	42.50	1.00	R321-022			<0.001	<0.001	0.057	5.55	<0.001	0.001	9.91	1.01	1.80	<0.001	0.004	105.15	NSS
M374176R321	42.50	44.50	2.00	R321-023			0.003	0.019	0.07	1.75	0.002	0.004	9.87	1.27	2.27	0.006	0.008	104.75	NSS
M374176R321	44.50	46.20	1.70	R321-024			0.002	0.018	0.114	3.01	0.002	0.005	7.84	1.29	2.30	0.006	0.007	104.05	NSS
M374176R321	46.20	46.80	0.60	R321-025			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	46.80	48.70	1.90	R321-026			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	48.70	50.20	1.50	R321-027			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	50.20	53.30	3.10	R321-028			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374176R321	53.30	55.10	1.80	R321-029			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	13.3	18.45	5.15	R332-001															
M374177R332	18.45	20.3	1.85	R332-002															
M374177R332	20.3	28.6	8.3	R332-003															
M374177R332	28.6	29.8	1.2	R332-005															
M374177R332	59.3	61.8	2.5	R332-006															
M374177R332	61.8	62.75	0.95	R332-007			<0.001	<0.001	<0.001	4.41	<0.001	0.001	7.74	1.575	2.81	0.002	0.001	104.45	NSS
M374177R332	62.75	64	1.25	R332-008			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	64	65.1	1.1	R332-009			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	65.1	67.6	2.5	R332-011			<0.001	0.013	0.004	3.96	<0.001	0.005	9.45	1.365	2.44	0.002	0.005	105	NSS
M374177R332	67.6	69.7	2.1	R332-012			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	69.7	73.9	4.2	R332-013											0.00				
M374177R332	73.9	76.3	2.4	R332-014			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	76.3	79.2	2.9	R332-015			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	79.2	82	2.8	R332-016			0.002	0.02	0.008	5.77	0.001	0.008	8.59	1.905	3.40	0.015	0.006	101.5	-3.31
M374177R332	82	83.2	1.2	R332-017			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374177R332	83.2	84.5	1.3	R332-018											0.00				
M374178R339	113.5	115.5	2	R339-001			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	115.5	116.1	0.6	R339-002			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	116.10	118.50	2.40	R339-003			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	118.50	119.90	1.40	R339-004			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	119.90	124.90	5.00	R339-005			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	124.90	129.90	5.00	R339-007			<0.001	<0.001	0.016	3.03	<0.001	<0.001	5.39	1.135	2.03	0.004	<0.001	103.25	NSS
M374178R339	129.90	134.90	5.00	R339-008			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	134.90	139.90	5.00	R339-009			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	-4.11
M374178R339	139.90	144.90	5.00	R339-011	77.1	89.2	<0.001	<0.001	0.071	3.7	<0.001	0.002	7.33	1.275	2.28	0.004	0.002	105.15	NSS
M374178R339	144.90	149.00	4.10	R339-012			0.002	0.02	0.05	3.29	0.001	0.005	8.73	1.315	2.35	0.016	0.005	104.85	NSS
M374178R339	149.00	154.00	5.00	R339-013			0.003	0.024	0.048	3.28	<0.001	0.006	7.83	1.35	2.41	0.015	0.007	101.6	-3.63
M374178R339	154.00	160.80	6.80	R339-014			<0.001	<0.001	0.063	3.44	<0.001	<0.001	7.42	1.31	2.34	0.004	0.004	104.5	NSS
M374178R339	160.80	164.20	3.40	R339-015											0.00				
M374178R339	172.90	176.35	3.45	R339-016			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	176.35	179.10	2.75	R339-017			0.003	0.022	0.068	3.43	0.001	0.006	7.32	1.33	2.37	0.01	0.008	105.45	NSS
M374178R339	179.10	180.70	1.60	R339-018											0.00				
M374178R339	180.70	181.05	0.35	R339-019			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	181.05	181.70	0.65	R339-020			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	181.70	182.65	0.95	R339-022			0.001	0.02	0.237	2.94	0.002	0.005	7.99	1.345	2.40	0.013	0.007	105.7	NSS
M374178R339	182.65	185.20	2.55	R339-023			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	185.20	188.95	3.75	R339-024			0.003	0.02	0.136	4.46	0.002	0.005	8.11	1.365	2.44	0.012	0.007	105.1	NSS
M374178R339	188.95	190.65	1.70	R339-025			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	190.65	191.15	0.50	R339-026			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	191.15	195.25	4.10	R339-027											0.00				
M374178R339	195.25	196.25	1.00	R339-029			<0.001	<0.001	0.243	3.47	<0.001	<0.001	6.75	1.365	2.44	0.001	0.001	105.15	NSS
M374178R339	196.25	196.70	0.45	R339-030			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	196.70	197.45	0.75	R339-031			<0.001	<0.001	0.196	5.28	<0.001	<0.001	5.74	1.355	2.42	<0.001	0.002	104.95	NSS
M374178R339	197.45	198.95	1.50	R339-032			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
M374178R339	198.95	203.00	4.05	R339-033			0.003	0.021	0.144	2.97	0.002	0.006	5.46	1.675	2.99	0.012	0.007	105.4	NSS
M374178R339	203.00	204.05	1.05	R339-034			NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

APPENDIX A: JORC CODE, 2012 – TABLE 1 for Koitelainen Vosa Historic Drill Hole significant interval resampling

Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may*	• 5 historic diamond core drill holes from the Koitelainen Vosa Prospect were resampled at the GTK's National Drill Core Archive in October 2018. These 5 drill holes are a sub-section of the 27 diamond drill holes for 3,953m that were completed in the 1970's by the Finland Geological Survey (GTK) at the Koitelainen Vosa Prospect. Historic reports were found that state most relevant details, such as collar location, azimuth, dip, historic assay results (some incomplete), etc. • Historically, the diamond core was split in half and sampled to geological/magnetic boundaries. Sampled intersections range from 0.25m to 14.9m in length, with the most common interval and average length being 2m. The exact laboratory preparation and assay techniques utilised are not known as the samples were analysed by the Finland Geological Survey (GTK) at their own internal laboratory. • Pursuit's resampling consisted of cutting the half-core into quarters and then one quarter was sent to the laboratory for analysis. Pursuit personnel matched the resample intervals to the historic sample interval in order for the Pursuit re-assay results to be used as a verification of the historic assay results. • The drill core samples were set to ALS laboratory in Outokumpu, Finland where they were crushed, pulverised and analysed. The analysis method used was ME-XRF21 (iron-ore analysis by

Criteria	JORC Code explanation	Commentary
	warrant disclosure of detailed information.	lithium metaborate fusion and then XRF for 24 elements including V, Fe, TiO_2, SiO_2, S, P, etc). Then any samples that recorded a higher than 0.1% vanadium assay were then subjected to a Davis Tube Recovery (DTR) test (a magnetic method that separates the magnetic material from the non-magnetic material). The DTR used a 20g portion of the pulverised sample. After the DTR, the magnetic material (known as the magnetite concentrate) was then analysed again using the ME-XRF21 method to measure the amount of vanadium within the magnetic concentrate.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• The 27 historical diamond drill holes were T56 in size, which is 46mm in diameter. The core was not orientated.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse*	• The core recovery data or any measures taken to maximise sample recovery or ensure representative nature of the samples were not recorded in the historic reports. However, during the re-sampling process the recovery information for each sample interval was collected. • The core recovery was estimated to be excellent from the relogging of the historic drill core (greater than 95% recovery average). • As the drill core is historic it is not possible to know the measures taken to maximise sample recovery.

Criteria	JORC Code explanation	Commentary
	material.	• There does not appear to be any relationship between sample recovery and grade from the assay results for the resampled intervals.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Quantitative geological information for the entire length of the drill holes was recorded by the Geological Survey of Finland (GTK) and quantitative geotechnical information was collected during the resampling process. • The historic geological data and the newly collected geotechnical data acquired for the Koitelainen Vosa Prospect is considered sufficient to support Mineral Resource estimation in accordance with JORC (2012). • The core was also photographed during to the resampling.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ*	• Historically, the diamond drill core was split in half and one half was sampled. Pursuit's resampling consisted of cutting the remaining half-core into quarters and then one quarter was sent to the laboratory for analysis. The sample intervals from the historic sampled were matched in order for the Pursuit re-assay results to be used as a verification of the historic assay results. • Sampling quarter core for analysis is interpreted to be of sufficient quality and appropriate for this style and grain size of mineralisation. Also, the competency of the core was good enough that sufficient sample could be collected to be representative of the original sample interval even though only quarter core could be taken from the half core that remained (the GTK does not allow for all the historic core to be sampled

Criteria	JORC Code explanation	Commentary
	material collected, including for instance results for field duplicate/second-half sampling. • *Whether sample sizes are appropriate to the grain size of the material being sampled*	and at least quarter core must be preserved). • Analysis of the re-assay results compared well to the historic assay results, which indicates that the historic results are of an acceptable level of accuracy. • Standards and Blanks were inserted randomly within the resampled intervals samples at a rate of at least one of each, every 25 samples. • No duplicates of the resampled intervals samples were completed because of insufficient core remaining.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• The drill core samples were set to ALS laboratory in Outokumpu, Finland where they were crushed, pulverised and analysed. The analysis method used was ME-XRF21 (iron-ore analysis by lithium metaborate fusion and then XRF for 24 elements including V, Fe, TiO_2, SiO_2, S, P, etc). Then any samples that recorded a higher than 0.1% vanadium assay were then subjected to a Davis Tube Recovery (DTR) test (a magnetic method that separates the magnetic material from the non-magnetic material). After the DTR, the magnetic material was then analysed again using ME-XRF21 to measure the amount of vanadium within the magnetic concentrate. • The lithium borate fusion technique, coupled with XRF, offers a robust and repeatable method consistent that is industry standard for vanadium-enriched magnetite ores. This technique is considered total. • All of the resampled intervals presented in this report were repeats of the historically sampled intervals and therefore are essentially and second laboratory check. • All of the resampled intervals presented in this report compared

Criteria	JORC Code explanation	Commentary
		reasonably well with the assay results for the historically sampled intervals. Therefore, it is considered that the historical assay results are of an acceptable level of accuracy and precision. • Pursuit personnel randomly inserted Standards and Blanks within the resampled intervals samples at a rate of at least one of each, every 25 samples. • No duplicates of the resampled intervals samples were completed because of insufficient core remaining. • The assay results of all the QA/QC samples preformed within acceptable levels of accuracy and precision. • The laboratory also inserted their own Duplicates, Standards and Blanks within the routine samples sequence. The assay results of the laboratories QA/QC samples also preformed within acceptable levels of accuracy and precision.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.*	• Both contractor and alternative Pursuit Minerals Limited personnel were present during the resampling and have verified the significant intersections discussed in this report.
	• *The use of twinned holes.*	• Pursuit Minerals has not yet twinned any of the historical drill holes. • Twinning holes would have been necessary if the historic drill core was not available for resampling. • Twinning holes to understand the lateral, short distance variations in grade/metallurgy of the mineralisation may be necessary for more detailed mining/metallurgical studies in the future.
	• *Documentation of primary data, data entry procedures, data verification, data storage*	• The historical geological logging information was recorded on paper log sheets and then transferred into electronic

Criteria	JORC Code explanation	Commentary
	(physical and electronic) protocols.	spreadsheets. The geochemical data was delivered in electronic form from the laboratory. Ultimately both the electronic geological and geochemical data was stored in a data base at the Geological Survey of Finland (GTK) and then made available online. Initially, geochemical data from the Koitelainen Vosa Prospect was downloaded from the GTK as Excel spreadsheets. • The GTK has confirmed in writing to Pursuit that the geochemical values are presented in ppm and the values as metal values contained within magnetite concentrates produced by a Davis Machine from magnetite intervals within the Koitelainen layered mafic complex. • Subsequent to this confirmation from the GTK, Pursuit obtained the original hard copy assay data sheets from which the data in the Excel spreadsheets provided by the GTK were compiled. These data sheets confirmed that for each sampled interval, the vanadium content of the whole rock, magnetic concentrate produced by the Davis Machine and of the waste material from the Davis Machine was produced. • For 16 of the drill holes, Pursuit was able to obtain and digitise the three sets of assay data (whole rock, magnetic concentrate and waste from the magnetic separation). For 10 of the drill holes, Pursuit was only able to obtain and digitise the magnetic concentrate assay data. For 1 of the drill holes, Pursuit was only able to obtain and digitise the whole rock assay data. • During Pursuit's resampling all sample intervals, recovery measurements, assay data, density measurements, magnetic susceptibility measurements were collected in Microsoft Excel spreadsheets during the sampling. This information is instantly

Criteria	JORC Code explanation	Commentary
		and automatically uploaded to the company's data server that is hosted by a reputable, international data storage provider, who provides industry leading security/recovery/back up measures. The data is also internally backed up at least once a week. • The Microsoft Excel spreadsheets are then uploaded into a AcQuire database. AcQuire is considered to be one of the leading geoscientific database software packages commercially available. During importing AcQuire validates all sample intervals and recovery measurements. The data capture procedure is considered appropriate for this stage of exploration. Data is then stored in an AcQuire database which is also stored on the company's data server that is hosted by a reputable, international data storage provider, who provides industry leading security/recovery/back up measures.
	• *Discuss any adjustment to assay data.*	• The analytical result for vanadium concentration (V %) was converted to V_2O_5% by multiplying the V% assay result by 1.785.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• The location of the 27 historical diamond drill holes at the Koitelainen Prospect was determined by Carrier Phase Differential (RTK) GPS to +/- 1m for easting and northing co-ordinates and 0.1m for elevation. • The location of several of these holes have been verified during a field visit by Pursuit Minerals Limited representatives.
	• *Specification of the grid system used.*	• Datum: Kartastokoordinaattijarjestelma or in English is Finnish National Coordinate System (1966) Grid Co-ordinates: KKJ, using the International 1924 Ellipsoid, Zone 3.
	• *Quality and adequacy of topographic*	• The topographic control of this area is very accurate (~2m

Criteria	JORC Code explanation	Commentary
	control.	accuracy), which is more than adequate for the purpose of defining an Exploration Target, as well as defining Mineral Resources in due course.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.*	• The data spacing for 27 historical diamond drill holes at the Koitelainen Vosa Prospect is variable. Drill sections are generally spaced 200-400m part, but some sections are up to 1,000m apart. Drill holes along the sections are generally spaced 50-100m apart but can be up to 400m apart.
	• *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.*	• It has been determined that the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource estimation. However, as details about QA/QC procedures and analysis techniques for the historic assay data are unknown it was been determined that re-sampling of historic drill core with appropriate QA/QC procedures must be completed before a Mineral Resource can be estimated with sufficient confidence to be classified as in accordance with JORC (2012). • Now that resampling with appropriate QA/QC procedures has been completed it is interpreted that a Mineral Resource could be estimated with sufficient confidence to be classified as in accordance with JORC (2012).
	• *Whether sample compositing has been applied.*	• No sample compositing has been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	• The entire length of the drill core interval was sampled, with samples always taken from the same side of the core. Also, the drilling intersected the shallowly dipping igneous stratigraphy at Koitelainen (which is interpreted to be the major control on mineralisation) at a high angle. Therefore, it is interpreted that

Criteria	JORC Code explanation	Commentary
		no sampling bias occurred.
	• *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• N/A
Sample security	• *The measures taken to ensure sample security.*	• Measures taken to ensure sample security were not recorded in the historic reports. • The Pursuit Minerals resampled interval samples were collected at the Finland Geological Survey (GTK)'s National Drill Core Archive and placed in secure crates that were then transported directly to the ALS Outokumpu laboratory using a reputable, international courier company.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• During the re-sampling process the historic sampling was reviewed and found to be of a high standard. • All of the resampled intervals presented in this report were repeats of the historically sampled intervals and therefore are essentially a second laboratory check or review of the historic assay data. • All of the resampled intervals presented in this report compared reasonably well with the assay results for the historically sampled intervals. Therefore, it is considered that the historical assay results are of an acceptable level of accuracy and precision.

Section 2: Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	• The Mineral Reservations in Finland for the Koitelainen Project are 100% owned by Pursuit Minerals Limited via its 100% owned Finnish subsidiary company NorthernX Finland OY.
	• *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Reservations covering the Koitelainen Project will be valid until 29/3/2020. The Mineral Reservations secured by Pursuit allow the Company to conduct non-ground disturbing activities such as geological mapping and airborne surveys. In order to conduct ground disturbing activities such as trenching and drilling, the Company has to apply for an Exploration Licence (EL's). Pursuit is the only company who can apply for an EL within the boundaries of the Koitelainen Reservations.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Drill hole and assay data was initially obtained from the Geological Survey of Finland (GTK) website and downloaded as Excel spreadsheets. Subsequently, original hard copy assay data sheets for 26 drill holes from the Koitelainen Vosa Prospect was obtained from the GTK. • Geological and Petrological information was obtained from Bulletin 395 published by the Geological Survey of Finland. • Geological and drill hole data was obtained from the Geological Survey of Finland Guide 28 - Koitelainen Intrusion

Criteria	JORC Code explanation	Commentary
		and Keivitsa – Satovaara Complex. • Historical mineral estimate was obtained from Geological Survey of Finland Special Paper 53 and also from the Fennoscandian Ore Deposits Data Base (http://gtkdata.gtk.fi/fmd/).
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Koitelainen is the largest of the 2.45 Ga mafic to ultramafic layered intrusions that occur near the Archaean-Proterozoic boundary in the northern Fennoscandian shield in northern Finland. • The Koitelainen intrusion is a flat, oval shaped brachyanticline structure of 26km x 29km in extent and approximately 3km in thickness. The interior of the intrusions is made up of footwall rocks (Archaean granitoid gniesses, overlying Lapponian supracrustal rocks, pre-Koitelainen gabbroic intrusions and ultramafic dykes. • The intrusion was emplaced as part of a large plume related rifting event, associated with the breakup of an Archaean continent. This event at 2.45 Ga was an event of global significance with igneous activity producing several layered intrusions and dyke swarms on several different continents. • The vanadium mineralisation in the Koitelainen intrusion is stratiform in nature and associated with two PGE enriched chromite reefs (Koitelainen Upper Chromite (UC) and Koitelainen Lower Chromite (LC) and a vanadium enriched gabbro (Koitelainen Vosa prospect). • The Koitelainen UC reef varies in thickness from 1-3m thick

Criteria	JORC Code explanation	Commentary
		at surface and extends for over 60km of strike. The Koitelainen Vosa mineralisation is up to 40m thick within a magnetite gabbro. The main vanadium mineral is chromite usually hosted within a magnetic gabbro. Although known to be of significant extent, the vanadium mineralisation within the Koitelainen intrusion is not well understood due to fairly limited drilling of the mineralisation. • As far as can be ascertained, the Koitelainen UC vanadium mineralisation is only defined by 21 drill holes and is open along strike and at depth. A total of 122 diamond drill holes for 15,475m have been previously drilled across the entire Koitelainen intrusion.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.*	• All material information to understand the exploration results are given in Table 1 in the body of this report, which shows the significant mineralised intersections, as well Appendix One and Two, which gives all drill hole collar details and individual assay results respectively.
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• This information has not been excluded.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	• All the cut-off grade details for each significant intersection are shown in Table 1 in this report. • Various cut-offs from 0.3% to 1% V_2O_5 in magnetite concentrate were for the larger, lower grade weighted mean intervals and a cut-off grade from 1.5 to 2% V_2O_5 in magnetite concentrate were used for the smaller, high grade weighted mean intervals. • No top cuts were used. • Mass recovery results from the DTR process were also used to differentiate significant intersections. Various cut-offs from 1% to 2% mass recovery from the DTR process were used throughout.
	• *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	• Various cut-offs from 0.3% to 1% V_2O_5 in magnetite concentrate were for the larger, lower grade weighted mean intervals and a cut-off grade from 1.5 to 2% V_2O_5 in magnetite concentrate were used for the smaller, high grade weighted mean intervals. • Mass recovery results from the DTR process were also used to differentiate significant intersections. Various cut-offs from 1% to 2% mass recovery from the DTR process were used throughout. • Weighted means for each interval are calculated by: First times all of the widths of the individual sample intervals within the significant intersection by the % V_2O_5 in magnetite concentrate assay result of each individual sample. Then sum all these values and divide by the overall width (m) of the significant intersection. • Internal dilution was allowed as long as the aggregate

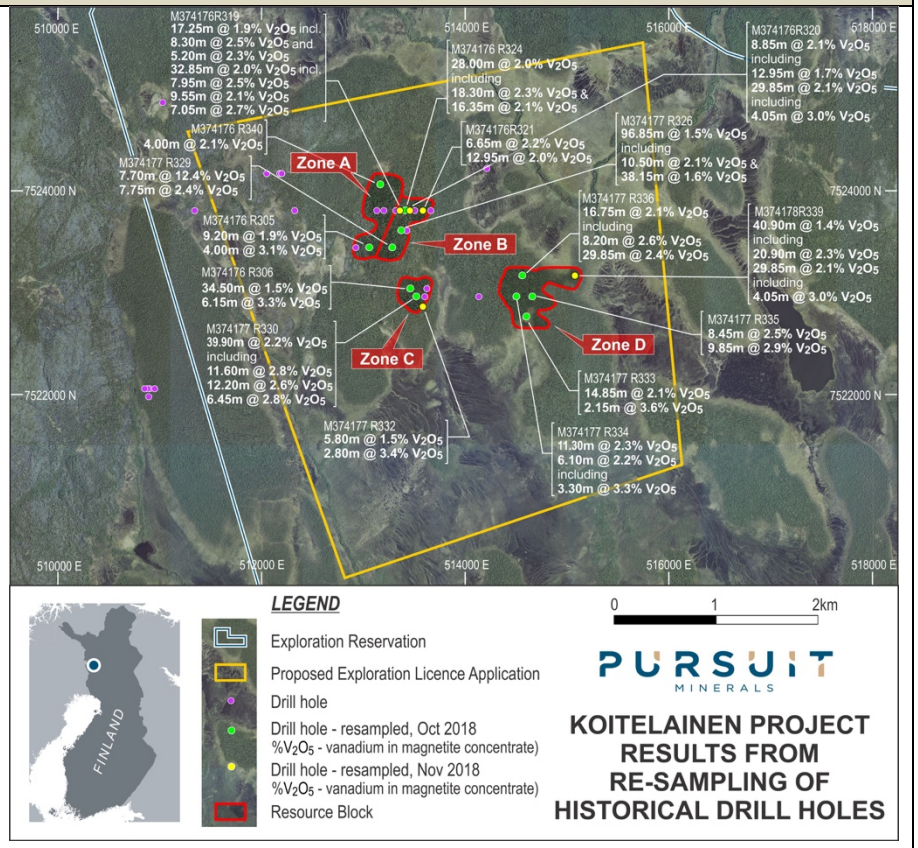
<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td></td><td>weighted mean grade from the start of the interval to the end of the dilution does not go below the cut-off grade.</td></tr>
<tr><td></td><td>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</td><td>• No metal equivalent values are reported.</td></tr>
<tr><td rowspan="2">Relationship between mineralisation widths and intercept lengths</td><td>• If the geometry of the mineralisation with respect to the drill-hole angle is known, its nature should be reported.</td><td>• The mineralisation is bound within the geological layers and the drilling intersected the geological layers at a high angle.</td></tr>
<tr><td>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. ‘down hole length, true width not known’).</td><td>• ‘Down hole length’ has been clearly stated were significant assay intervals have been reported.
• As the drilling intersected the geological layers at a high angle it is interpreted that the downhole lengths are a close approximation (within the range of 80-100%) of the true thickness for the majority of significant intervals reported.</td></tr>
<tr><td>Diagrams</td><td>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</td><td>
<table>
<tr><th>Hole</th><th>Width (m) (Down hole depth)</th><th colspan="2">V_2O_5 % (in whole rock)</th><th>V_2O_5 % (in magnetite concentrate)</th><th>Mass Recovery (%)</th><th>From (m) (Down hole depth)</th><th>To (m) (Down hole depth)</th><th>Cut-off (%)</th></tr>
<tr><td rowspan="6">M374176R319</td><td>17.25</td><td>@</td><td>0.3</td><td>1.9</td><td>5.8</td><td>17.25</td><td>34.5</td><td>1.5% V2O5 in mag. conc. & 2% mass recovery</td></tr>
<tr><td colspan="7">including</td><td></td></tr>
<tr><td>8.00</td><td>@</td><td>0.4</td><td>2.5</td><td>8.2</td><td>17.25</td><td>25.25</td><td>2% V2O5 in mag. conc. & 4% mass recovery</td></tr>
<tr><td colspan="7">and</td><td></td></tr>
<tr><td>5.20</td><td>@</td><td>0.3</td><td>2.3</td><td>5.6</td><td>29.30</td><td>34.50</td><td>2% V2O5 in mag. conc. & 4% mass recovery</td></tr>
<tr><td colspan="8"></td></tr>
</table>
</td></tr>
</table>

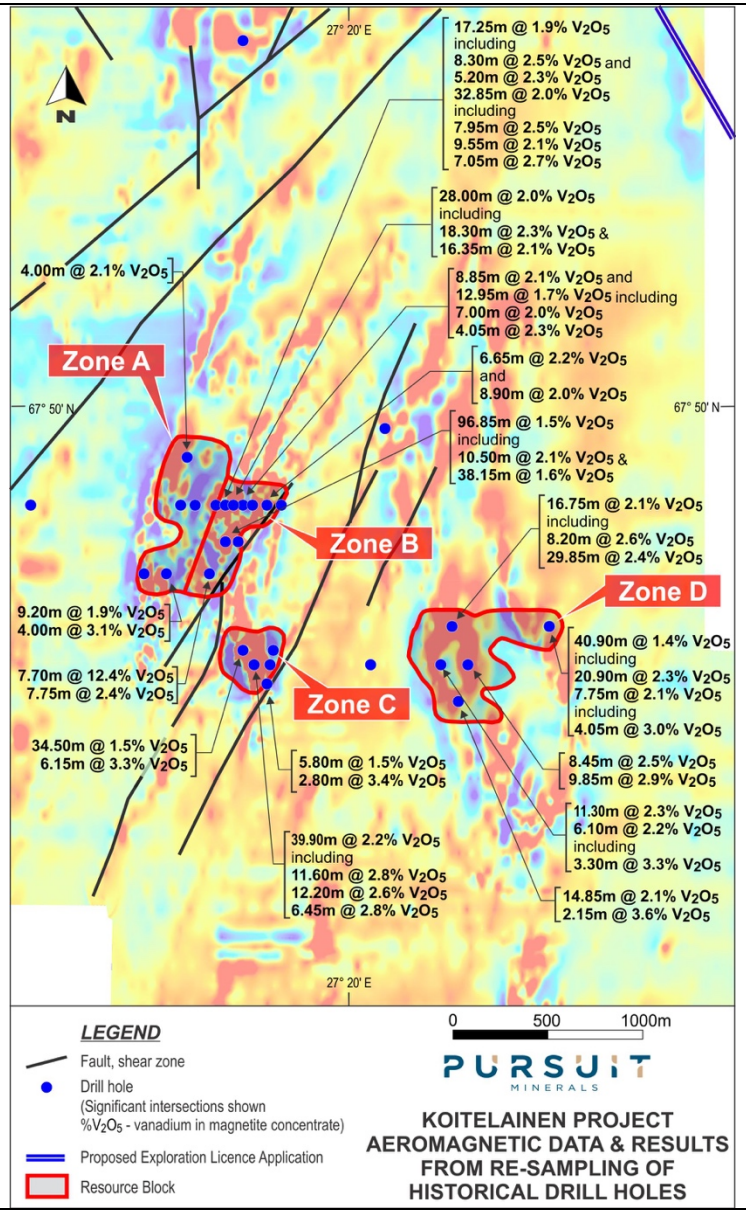
Criteria	JORC Code explanation	Commentary								
			32.85	@	0.4	2.0	5.9	62.15	95.00	1.5% V2O5 in mag. conc. & 2% mass recovery	
			including								
			7.95	@	0.4	2.5	8.4	62.15	70.10	2% V2O5 in mag. conc. & 4% mass recovery	
			and								
			9.55	@	0.3	2.1	5.1	75.15	84.70	2% V2O5 in mag. conc. & 4% mass recovery	
			and								
			7.05	@	0.4	2.7	8.4	87.95	95.00	2% V2O5 in mag. conc. & 4% mass recovery	
		M374 176R 320	8.85	@	0.4	2.1	5.0	22.55	31.40	0.5% V2O5 in mag. conc. & 2% mass recovery	
			and								
			17.10	@	0.3	1.6	4.4	50.70	67.80	0.5% V2O5 in mag. conc. & 1% mass recovery	
			including								
			12.95	@	0.4	1.7	5.3	54.85	67.80	1% V2O5 in mag. conc. & 3% mass recovery	B Zone
			including								
			7.00	@	0.4	2.0	6.5	60.80	67.80	1% V2O5 in mag. conc. & 3% mass recovery	
			including								
			4.05	@	0.4	2.3	7.9	60.80	64.85	2% V2O5 in mag. conc. & 5% mass recovery	
		M374 176R 321	6.65	@	0.4	2.2	7.4	2.00	8.65	2% V2O5 in mag. conc. & 4% mass recovery	B Zone

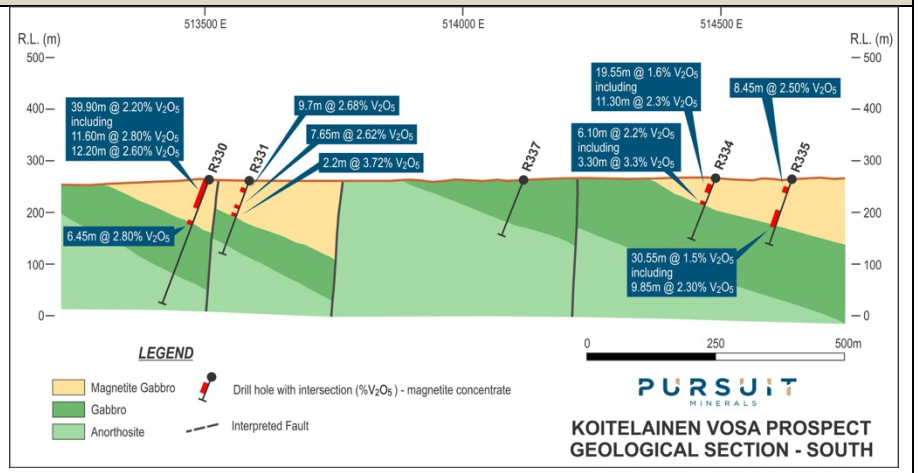
Criteria	JORC Code explanation	Commentary								
					and					
			8.90	@	0.4	2.0	4.7	37.30	46.20	1.5% V2O5 in mag. conc. & 3% mass recovery
		M374177R332	5.80	@	0.4	1.5	2.1	61.80	67.60	0.5% V2O5 in mag. conc. & 1% mass recovery
						and				
			2.80	@	0.4	3.4	5.9	79.20	82.00	3% V2O5 in mag. conc. & 5% mass recovery
		M374178R339	40.90	@	0.3	1.4	4.0	119.90	160.80	0.5% V2O5 in mag. conc. & 1% mass recovery
						including				
			5.00	@	0.3	2.0	4.9	124.90	129.90	2% V2O5 in mag. conc. & 4% mass recovery
						and				
			20.90	@	0.3	2.3	4.4	139.90	160.80	2% V2O5 in mag. conc. & 3% mass recovery
			7.25	@	0.3	1.6	2.9	181.7	188.95	1% V2O5 in mag. conc. & 2% mass recovery
			7.75	@	0.4	2.1	2.7	195.25	203.00	1% V2O5 in mag. conc. & 1% mass recovery
						including				
			4.05	@	0.4	3.0	4.0	198.95	203.00	3% V2O5 in mag. conc. & 4% mass recovery

C Zone

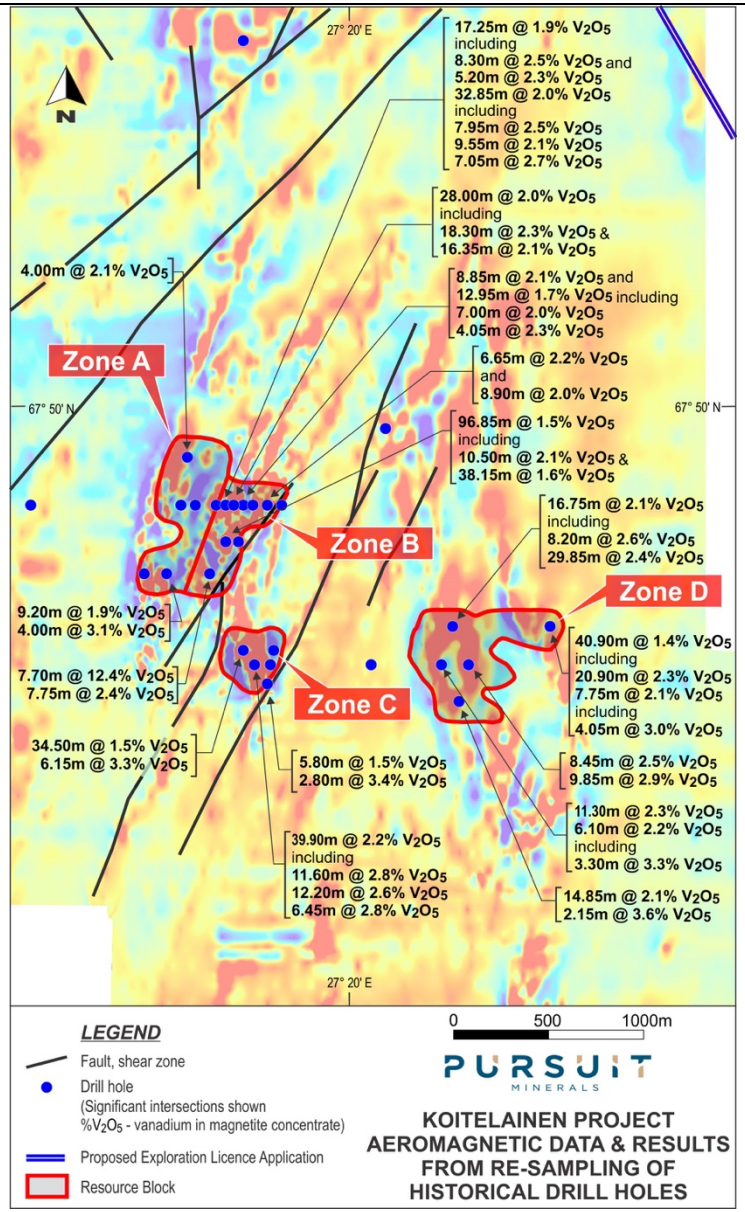
D Zone

Criteria	JORC Code explanation	Commentary
		


27° 20' E
N
17.25m @ 1.9% V2O5
including
8.30m @ 2.5% V2O5 and
5.20m @ 2.3% V2O5
32.85m @ 2.0% V2O5
including
7.95m @ 2.5% V2O5
9.55m @ 2.1% V2O5
7.05m @ 2.7% V2O5
28.00m @ 2.0% V2O5
including
18.30m @ 2.3% V2O5 &
16.35m @ 2.1% V2O5
4.00m @ 2.1% V2O5
8.85m @ 2.1% V2O5 and
12.95m @ 1.7% V2O5 including
7.00m @ 2.0% V2O5
4.05m @ 2.3% V2O5
Zone A
6.65m @ 2.2% V2O5
and
8.90m @ 2.0% V2O5
67° 50' N
67° 50' N
96.85m @ 1.5% V2O5
including
10.50m @ 2.1% V2O5 &
38.15m @ 1.6% V2O5
16.75m @ 2.1% V2O5
including
8.20m @ 2.6% V2O5
29.85m @ 2.4% V2O5
Zone B
Zone D
9.20m @ 1.9% V2O5
4.00m @ 3.1% V2O5
40.90m @ 1.4% V2O5
including
20.90m @ 2.3% V2O5
7.75m @ 2.1% V2O5
including
4.05m @ 3.0% V2O5
7.70m @ 12.4% V2O5
7.75m @ 2.4% V2O5
Zone C
34.50m @ 1.5% V2O5
6.15m @ 3.3% V2O5
5.80m @ 1.5% V2O5
2.80m @ 3.4% V2O5
8.45m @ 2.5% V2O5
9.85m @ 2.9% V2O5
11.30m @ 2.3% V2O5
6.10m @ 2.2% V2O5
including
3.30m @ 3.3% V2O5
39.90m @ 2.2% V2O5
including
11.60m @ 2.8% V2O5
12.20m @ 2.6% V2O5
6.45m @ 2.8% V2O5
14.85m @ 2.1% V2O5
2.15m @ 3.6% V2O5
27° 20' E
LEGEND
Fault, shear zone
Drill hole
(Significant intersections shown
%V2O5 - vanadium in magnetite concentrate)
Proposed Exploration Licence Application
Resource Block
0
500
1000m
PURSUIT
MINERALS
KOITELAINEN PROJECT
AEROMAGNETIC DATA & RESULTS
FROM RE-SAMPLING OF
HISTORICAL DRILL HOLES

Criteria	JORC Code explanation	Commentary
		
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All known exploration results have been reported to the knowledge of the Competent Person completing this JORC Table 1.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported) including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• No other meaningful and material exploration data exists to the knowledge of the competent person completing this JORC Table 1.
Further work	• *The nature and scale of planned further work*	• Exploration plans are currently being finalised for the project.

Criteria	JORC Code explanation	Commentary
	(e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	The focus of follow up work will be to determine the full extent of the higher grade vanadium mineralisation at the Koitelainen Vosa Prospect. • This resampling data will now be used to re-estimate the mineral resources at the Koitelainen Vosa Prospect and will hopefully result in an Inferred Mineral Resource in accordance with JORC (2012) being reported. • Drilling will then be completed during the winter field season from November 2019 to April 2020, to increase the confidence of the known mineralisation and to test the extensions.

	• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	

Criteria	JORC Code explanation	Commentary
		• As the mineralisation is magnetic, the magnetic intensity map clearly shows the areas where the magnetic anomalies extend away from the current drilling. These areas will be the focus of further exploration for possible extensions.