

20 December 2018

## **Drill Results Confirm Thick, High-Grade Vanadium Mineralisation at the Airijoki Project in Northern Sweden**

### **Highlights**

- Five drill holes recently completed at the Airijoki Project in northern Sweden have delivered outstanding results confirming that vanadium mineralisation is both high-grade and of substantial thickness
- Drill hole AIR18-006 intersected vanadium mineralisation over a 213.2m downhole thickness including:
  - 157.0m @ 0.5% V<sub>2</sub>O<sub>5</sub> (whole rock) from 63.0m depth, including;
    - 10.0m @ 0.7% V<sub>2</sub>O<sub>5</sub> from 141.0m, and;
    - 4.0m @ 0.8% V<sub>2</sub>O<sub>5</sub> from 208.0m
- Drill hole AIR18-002 intersected vanadium mineralisation over a 22.0m downhole thickness including:
  - 22.0m @ 0.5% V<sub>2</sub>O<sub>5</sub> (whole rock) from 78.0m depth, including;
    - 12.0m @ 0.8% V<sub>2</sub>O<sub>5</sub> from 88.0m
- Drill hole AIR18-003 intersected vanadium mineralisation over a 56.0m downhole thickness including:
  - 56.0m @ 0.4% V<sub>2</sub>O<sub>5</sub> (whole rock) from 38.0m depth, including;
    - 18.0m @ 0.7% V<sub>2</sub>O<sub>5</sub> from 76.0m
- The whole rock vanadium assays are substantially higher grade than recorded in historical drill holes K-AIR1 and K-AIR5<sup>1</sup>
- Pursuit recently completed its first phase drilling program on the Airijoki Project drilling 18 holes for 2,876m
- Geochemical data for the remaining 13 drill holes, including the results for vanadium magnetite concentrates, are expected to be delivered in January 2019

Pursuit Minerals Limited (ASX: PUR) has received geochemical results from an initial 5 of 18 drill holes recently completed at the Airijoki Project in northern Sweden (Figure One). The results have confirmed that the vanadium mineralisation at Airijoki is both high-grade and of substantial thickness. To date the Company has received assay results from only whole rock samples. Results for vanadium magnetite concentrates, produced by Davis Tube Recovery (DTR), are expected in January 2019.

<sup>1</sup>See Pursuit Minerals ASX Announcement 27 August 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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The whole rock geochemical results from hole AIR18-006 showed vanadium mineralisation occurs over a 213m downhole interval. Substantial thicknesses of vanadium mineralisation were also recorded in holes AIR18-003 (56m), AIR18-002 (22m), AIR18-004 (20m) and AIR18-001 (13m).

Pursuit Minerals Managing Director Jeremy Read said the initial results from the Airijoki Project were stunning due to the incredible thickness of vanadium mineralisation intersected and the high-grade intervals recorded in the whole rock samples.

“Drill hole AIR18-006 delivered an exceptional result with vanadium mineralisation recorded over a 213m downhole interval and within this huge intersection there are a number of high-grade intervals with grades of 0.7% and 0.8%  $V_2O_5$  in the whole rock,” Mr Read said.

“The vanadium mineralisation is directly associated with an aeromagnetic anomaly which is 3.5km along, running north-east across the Airijoki Project.

“Following such a positive start to the results coming in from the recently completed drilling program, we are now eagerly awaiting the geochemical results from the vanadium magnetite concentrates produced from the whole rock vanadium mineralisation.” Mr Read said.

### **Airijoki Prospect (Northern Sweden)**

The Airijoki Project is located in northern Sweden, approximately 55km east of the mining town of Kiruna and 9km north-west of the village of Vittangi (Figure One). Pursuit was initially granted an Exploration Licence in April 2018 (Airijoki 100), for a period of three years, covering an area of 9.6km<sup>2</sup>. In December 2018 Pursuit was granted three additional Exploration Licences (Airijoki 101, 102, 103), valid for three years, covering a further 22.4km<sup>2</sup>, bringing the total area under tenement to 32km<sup>2</sup>.

Historic exploration work from the 1980's identified vanadium mineralisation within a magnetite gabbro unit that is part of the Vittangi Greenstone Belt. Nine historical drill holes are located within the Airijoki Project area. In August 2018, Pursuit was able to access two of the historical drill holes, K-AIR01 and K-AIR05, at the Swedish National Core Library. Drill hole K-AIR1 returned an exceptional intersection of 178.3m @ 0.30%  $V_2O_5$  (1.33%  $V_2O_5$  in magnetite concentrate) from 9.0m, which included a higher-grade zone of 16.0m @ 0.55%  $V_2O_5$  (2.03%  $V_2O_5$  in magnetite concentrate) from 171.3m. Pursuit collected rock chip samples from surface outcrops of vanadium mineralisation in and around the vicinity of the historical drill holes K-AIR1 and K-AIR5 and returned vanadium values in whole rock ranging from 0.48 - 1.12%  $V_2O_5$ . These results indicated that the high-grade vanadium mineralisation extends to the surface in the vicinity of holes K-AIR1 and K-AIR5<sup>2</sup>.

<sup>2</sup>See Pursuit Minerals ASX Announcement 9 October 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 – Airijoki Project Location**



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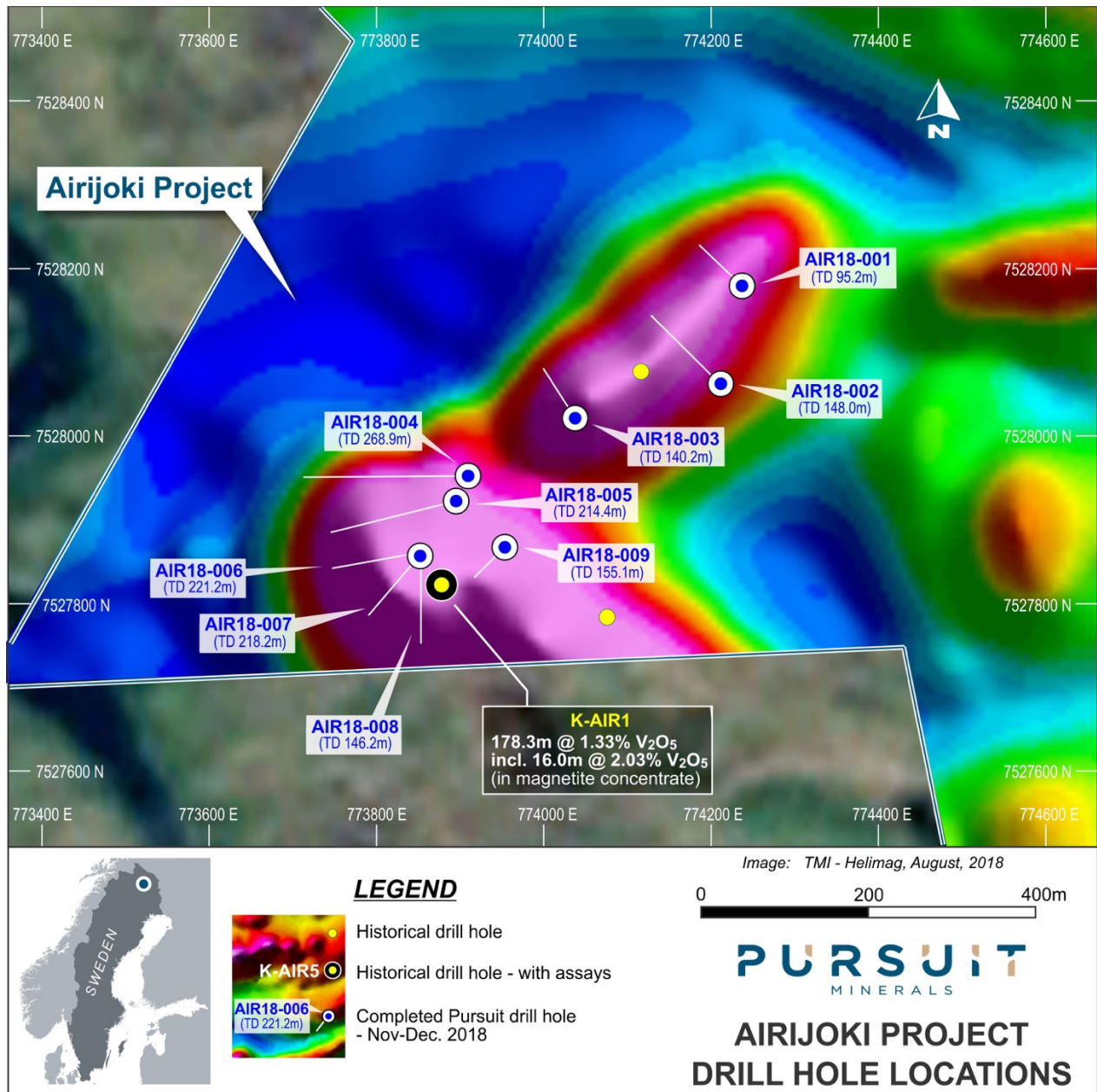
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**Figure Two – Airijoki Project Drilling Program**



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The vanadium mineralisation in historical drill holes K-AIR1 and K-AIR5 and the mineralisation at surface located by the rock chip sampling program, were shown to be directly associated with a high amplitude magnetic anomaly which extends 3.5km north-east across the Airijoki 100 tenement.

In November and early December 2018, Pursuit completed an initial drill program at Airijoki drilling 18 holes for 2,876m. The objective of the drilling program was to test 2.5 - 3.0km of outcropping high-grade vanadium mineralisation and then define a JORC compliant Inferred Mineral Resource. Following definition of the Mineral Resource a Scoping Study will be undertaken. Pursuit is aiming to complete the initial Mineral Resource by early February 2019 and the Scoping Study by the end of March 2019.

To date whole rock geochemical results have been received for holes AIR18-001, AIR18-002, AIR18-003, AIR18-004 and AIR18-006 (Figure Two). Full drill hole details are given in Appendix One. A summary of the geochemical results is given in Table One and the full geochemical results are given in Appendix Two.

The whole rock geochemical results for the drill holes detailed in this announcement cover an approximately 600m strike length of the aeromagnetic anomaly associated with the vanadium mineralisation in the southern part of the Airijoki Project. The north eastern extension to the vanadium mineralisation was drilled over a 2km strike length in holes AIR18-010 to AIR18-018 (Figure Three).

The results from hole AIR18-006 and historical drill hole K-AIR1 confirm that the vanadium mineralisation is of substantial thickness in the south of the tenement area as AIR18-006 intersected vanadium mineralisation over a 213m downhole interval and K-AIR1 intersected vanadium mineralisation over a 178m downhole interval. Within the broad interval of vanadium mineralisation in hole AIR18-006, 157m returned 0.5%  $V_2O_5$  (whole rock values).

High-grade vanadium was recorded in drill holes AIR18-006 (10.0m @ 0.7%  $V_2O_5$  from 141.0m), AIR18-002 (12.0m @ 0.8%  $V_2O_5$  from 88.0m) and AIR18-003 (18.0m @ 0.7%  $V_2O_5$  from 76.0m). These results confirm the Airijoki vanadium mineralisation is both of substantial thickness and contains numerous high-grade intervals.

Pursuit is expecting the geochemical results for vanadium magnetite concentrates for the drill holes detailed in this announcement to be delivered in early to mid-January, with the remaining whole rock vanadium geochemical data to be delivered throughout January.

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**Table One – Summary of Whole Rock Vanadium Intersections**

Hole	Northing (m) (Sw99TM)	Easting (m) (Sw99TM)	Width (m) (Down hole depth)	V <sub>2</sub> O <sub>5</sub> % (in whole rock)	From (m) (Down hole depth)	To (m) (Down hole depth)	Cut-off (%)
AIR18-001	7528180	774247	13.00	@ 0.5	10.00	23.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
			6.00	@ 0.7	17.00	23.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			and				
			22.00	@ 0.3	40.00	58.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
AIR18-002	7528060	774216	4.00	@ 0.5	49.00	53.00	0.3% V <sub>2</sub> O <sub>5</sub> in whole rock
			22.00	@ 0.5	78.00	100.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
AIR18-003	7528019	774047	12.00	@ 0.8	88.00	100.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			56.00	@ 0.4	38.00	94.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
AIR18-004	7527949	773914	18.00	@ 0.7	76.00	94.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			20.00	@ 0.3	82.00	102.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
AIR18-005	7527919	773897	4.00	@ 0.5	98.00	102.00	0.4% V <sub>2</sub> O <sub>5</sub> in whole rock
			Awaiting Assays				
AIR18-006	7527857	773860	213.20	@ 0.4	8.00	221.20	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
			157.00	@ 0.5	63.00	220.00	0.3% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
			27.00	@ 0.5	79.00	106.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			and				
			11.00	@ 0.6	115.00	126.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			and				
			10.00	@ 0.7	141.00	151.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			and				
			27.00	@ 0.6	189.00	216.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock
			including				
			5.00	@ 0.7	191.00	196.00	0.6% V <sub>2</sub> O <sub>5</sub> in whole rock
			and				
			4.00	@ 0.8	208.00	212.00	0.6% V <sub>2</sub> O <sub>5</sub> in whole rock

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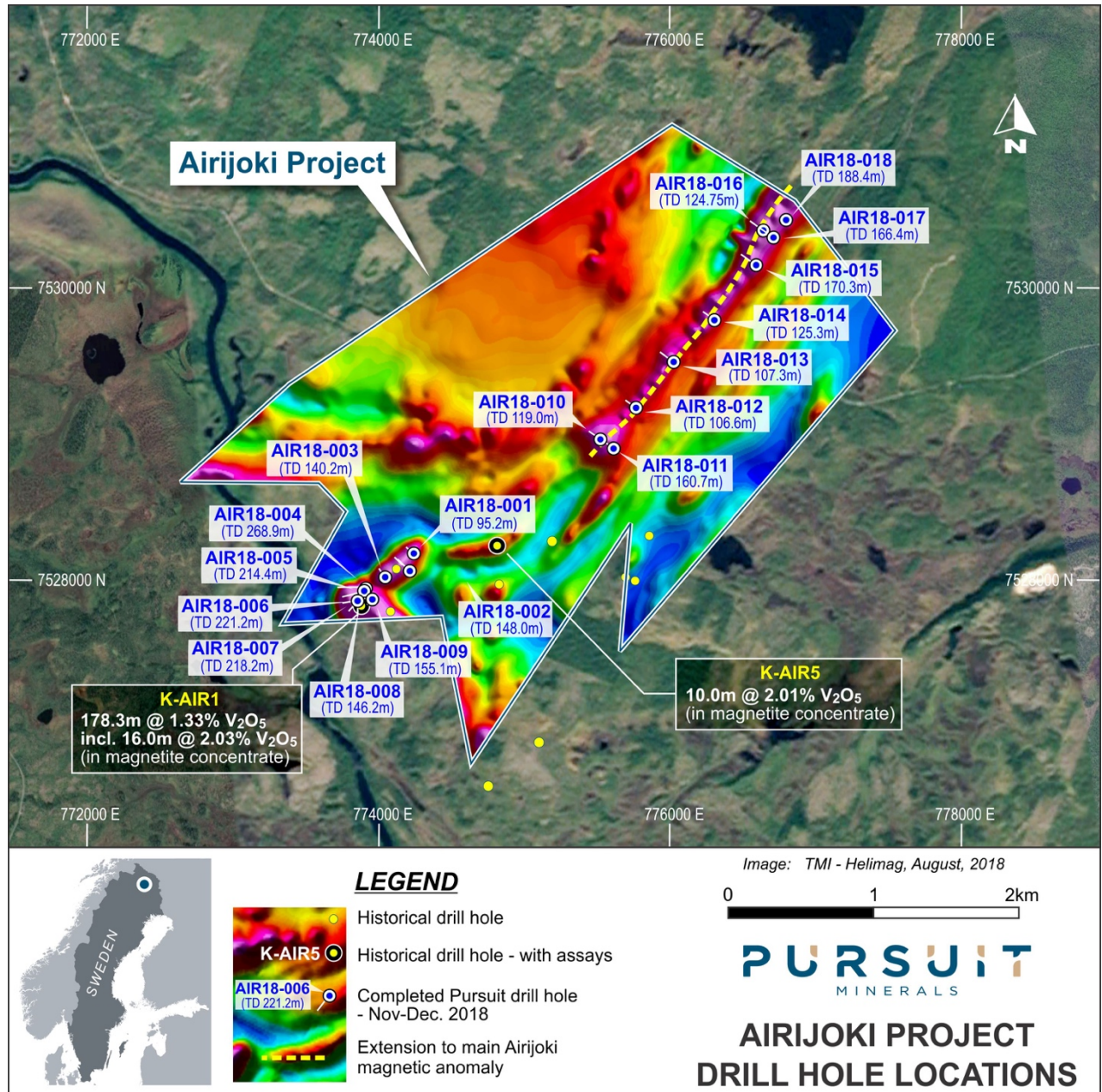
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**Figure Three – Airijoki Project Drilling Program North East Extension**



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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.

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

[www.pursuitminerals.com.au](http://www.pursuitminerals.com.au)

## Competent Person's Statement

Statements contained in this announcement relating to historical exploration results, an current exploration results 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.

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## Appendix One – Airijoki Project Drill Hole Details

Hole ID	Northing (m) (Sw99TM)	Easting (m) (Sw99TM)	Elevation (m)	Azimuth (Degrees Magnetic)	Inclination	End of Hole (m)	Depth of Overburden (m)	Start date	Finish date
AIR18-001	774247	7528180	272.8	313.9	-50.9	95.20	2.80	2018-11-02	2018-11-03
AIR18-002	7528058	774218	270.3	314.8	-50.2	148	3.00	2018-11-03	2018-11-04
AIR18-003	7527982	774069	267.7	329.0	-49.1	140.2	3.30	2018-11-04	2018-11-06
AIR18-004	7527950	773914	267.1	265.4	-49.6	268.9	1.90	2018-11-06	2018-11-09
AIR18-005	7527919	773897	266.6	253.4	-49.0	214.4	1.50	2018-11-09	2018-11-11
AIR18-006	7527857	773860	264.2	179.8	-48.9	221.2	4.40	2018-11-11	2018-11-12

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## **Appendix Two – Airijoki Project Geochemical Results**

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Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %	ME-XRF21n Ni %	ME-XRF21n P %	ME-XRF21n Pb %	ME-XRF21n S %
AIR18-001	AIR18-001-001	2.80	4.00	1.20	AIR18-001-001	8.61	<0.001	0.013	6.38	0.73	0.011	<0.001	0.041	23.74	0.462	3.81	0.318	2.02	0.003	0.036	0.004	0.21
AIR18-001	AIR18-001-002	4.00	6.00	2.00	AIR18-001-002	8.91	<0.001	0.013	6.69	0.812	0.011	<0.001	0.05	22.88	0.406	3.73	0.307	2.11	0.006	0.037	0.005	0.208
AIR18-001	AIR18-001-003	6.00	8.00	2.00	AIR18-001-003	7.32	<0.001	0.014	5.53	0.679	0.013	<0.001	0.042	26.86	0.436	4.42	0.341	1.585	0.002	0.032	0.003	0.198
AIR18-001	AIR18-001-004	8.00	9.00	1.00	AIR18-001-004	8.22	<0.001	0.009	6.7	0.586	0.012	0.001	0.039	23.81	0.486	4.06	0.252	1.83	0.009	0.034	0.004	0.276
AIR18-001	AIR18-001-005	9.00	10.00	1.00	AIR18-001-005	9.39	<0.001	0.01	8.38	0.55	0.01	<0.001	0.028	19.88	0.467	4.04	0.19	2.22	0.004	0.027	0.004	0.341
AIR18-001	AIR18-001-007	10.00	12.00	2.00	AIR18-001-007	9.25	<0.001	0.011	6.77	0.538	0.009	<0.001	0.045	23.21	0.408	3.8	0.248	2.34	0.003	0.03	0.003	0.2
AIR18-001	AIR18-001-008	12.00	13.00	1.00	AIR18-001-008	10.05	<0.001	0.013	7.37	0.696	0.008	<0.001	0.051	21.12	0.423	3.69	0.232	2.39	0.003	0.026	0.004	0.186
AIR18-001	AIR18-001-009	13.00	15.00	2.00	AIR18-001-009	10.05	<0.001	0.01	7.8	0.655	0.009	<0.001	0.057	20.47	0.421	3.73	0.213	2.56	0.003	0.027	0.003	0.207
AIR18-001	AIR18-001-010	15.00	17.00	2.00	AIR18-001-010	9.56	<0.001	0.014	6.92	0.499	0.003	0.07	0.003	22.69	0.474	3.61	0.203	2.62	0.007	0.031	0.001	0.251
AIR18-001	AIR18-001-012	17.00	19.00	2.00	AIR18-001-012	8.84	<0.001	0.012	6.53	0.518	0.011	<0.001	0.065	25.74	0.565	3.39	0.207	2.21	0.006	0.027	0.004	0.288
AIR18-001	AIR18-001-013	19.00	20.00	1.00	AIR18-001-013	6.53	<0.001	0.008	4.96	0.235	0.013	<0.001	0.094	34.04	0.436	3.17	0.218	1.735	0.009	0.022	0.004	0.288
AIR18-001	AIR18-001-014	20.00	21.00	1.00	AIR18-001-014	5.91	<0.001	0.011	3.53	0.16	0.01	<0.001	0.117	38.96	0.536	3.05	0.206	1.62	0.009	0.022	0.005	0.424
AIR18-001	AIR18-001-016	21.00	23.00	2.00	AIR18-001-016	6.24	<0.001	0.01	4.65	0.157	0.014	<0.001	0.314	35.22	0.566	3.31	0.206	1.595	0.011	0.02	0.004	0.783
AIR18-001	AIR18-001-017	23.00	24.00	1.00	AIR18-001-017	7.56	<0.001	0.019	15.95	0.312	0.017	<0.001	0.228	16.95	0.569	5.22	0.209	1.64	0.009	0.029	0.006	2.53
AIR18-001	AIR18-001-018	24.00	26.00	2.00	AIR18-001-018	9.52	<0.001	0.007	7.42	0.313	0.009	<0.001	0.048	19.48	0.519	3.94	0.218	3.14	0.005	0.041	0.005	0.909
AIR18-001	AIR18-001-020	26.00	28.00	2.00	AIR18-001-020	9.88	<0.001	0.007	6.74	0.483	0.009	<0.001	0.017	20.94	0.541	3.74	0.225	2.72	0.002	0.034	0.003	0.212
AIR18-001	AIR18-001-021	28.00	30.00	2.00	AIR18-001-021	9.57	<0.001	0.011	7.26	0.624	0.009	0.01	0.018	20.67	0.493	3.67	0.229	2.45	0.005	0.034	0.003	0.332
AIR18-001	AIR18-001-022	30.00	32.00	2.00	AIR18-001-022	8.77	<0.001	0.009	6.71	0.646	0.01	0.003	0.024	23.22	0.467	4.07	0.256	2.16	0.003	0.032	0.003	0.328
AIR18-001	AIR18-001-023	32.00	34.00	2.00	AIR18-001-023	8.81	<0.001	0.012	6.91	0.688	0.01	<0.001	0.024	23.09	0.513	4.13	0.255	2.01	0.003	0.028	0.004	0.248
AIR18-001	AIR18-001-024	34.00	36.00	2.00	AIR18-001-024	9.26	<0.001	0.012	6.87	0.663	0.011	<0.001	0.03	22.98	0.482	3.87	0.258	2.04	0.004	0.027	0.004	0.244
AIR18-001	AIR18-001-026	36.00	38.00	2.00	AIR18-001-026	9.39	<0.001	0.014	7.35	0.613	0.011	<0.001	0.038	22.4	0.582	3.82	0.24	2.3	0.005	0.028	0.005	0.259
AIR18-001	AIR18-001-027	38.00	39.00	1.00	AIR18-001-027	8.01	<0.001	0.018	6.17	0.324	0.013	<0.001	0.029	25.41	0.568	4.15	0.222	2.1	0.004	0.024	0.004	0.47
AIR18-001	AIR18-001-029	39.00	40.00	1.00	AIR18-001-029	9.46	<0.001	0.013	9.86	0.439	0.016	<0.001	0.088	19.5	0.569	3.72	0.187	2.26	0.005	0.033	0.003	1
AIR18-001	AIR18-001-030	40.00	42.00	2.00	AIR18-001-030	9.01	<0.001	0.008	8.38	0.416	0.009	<0.001	0.041	21.68	0.364	3.44	0.193	1.92	0.004	0.028	0.003	0.4
AIR18-001	AIR18-001-031	42.00	44.00	2.00	AIR18-001-031	8.84	<0.001	0.012	7.04	0.417	0.01	<0.001	0.033	23.81	0.422	3.58	0.256	2.21	0.004	0.027	0.003	0.249
AIR18-001	AIR18-001-032	44.00	45.00	1.00	AIR18-001-032	9.09	<0.001	0.009	7.09	0.463	0.01	<0.001	0.073	23.19	0.413	3.59	0.251	2.17	0.005	0.028	0.005	0.236
AIR18-001	AIR18-001-034	45.00	47.00	2.00	AIR18-001-034	9.34	<0.001	0.009	8.08	0.313	0.009	<0.001	0.051	20.37	0.364	3.5	0.223	1.81	0.003	0.03	0.001	0.194
AIR18-001	AIR18-001-035	47.00	49.00	2.00	AIR18-001-035	9.08	0.001	0.006	10.8	0.148	0.008	<0.001	0.132	19.18	0.301	2.94	0.19	1.3	0.003	0.034	<0.001	0.414
AIR18-001	AIR18-001-036	49.00	51.00	2.00	AIR18-001-036	6.5	<0.001	0.012	9.06	0.135	0.023	<0.001	0.126	30.36	0.329	2.48	0.186	1.37	0.013	0.021	0.004	3.38
AIR18-001	AIR18-001-038	51.00	53.00	2.00	AIR18-001-038	10.55	<0.001	0.013	7.4	0.37	0.009	<0.001	0.036	22.13	0.652	3.64	0.214	2.58	0.007	0.025	0.003	0.216
AIR18-001	AIR18-001-039	53.00	54.00	1.00	AIR18-001-039	11.4	<0.001	0.015	8.61	0.564	0.009	<0.001	0.026	17.9	0.606	4.02	0.196	2.8	0.006	0.027	0.004	0.21
AIR18-001	AIR18-001-040	54.00	56.00	2.00	AIR18-001-040	11.75	<0.001	0.016	8.62	0.589	0.008	<0.001	0.031	16.56	0.697	4.06	0.208	2.88	0.006	0.031	0.004	0.21
AIR18-001	AIR18-001-042	56.00	58.00	2.00	AIR18-001-042	11.1	<0.001	0.014	8.22	0.401	0.009	<0.001	0.028	18.92	0.622	3.99	0.196	2.84	0.007	0.026	0.006	0.196
AIR18-001	AIR18-001-043	58.00	60.00	2.00	AIR18-001-043	12.5	<0.001	0.01	8.94	0.27	0.006	<0.001	0.04	12.92	0.764	5.18	0.163	3.42	0.005	0.028	0.001	0.252
AIR18-001	AIR18-001-044	60.00	62.00	2.00	AIR18-001-044	11.69	<0.001	0.013	9.07	0.241	0.018	<0.001	0.068	13.4	0.737	5.08	0.196	2.84	0.009	0.029	0.002	1.765
AIR18-001	AIR18-001-045	62.00	64.00	2.00	AIR18-001-045	11.9	<0.001	0.008	9.15	0.308	0.006	<0.001	0.063	12.43	0.741	5.07	0.174	2.86	0.005	0.031	<0.001	0.154
AIR18-001	AIR18-001-046	64.00	66.00	2.00	AIR18-001-046	12.54	<0.001	0.014	8.71	0.237	0.009	<0.001	0.04	11.46	0.935	5.95	0.202	0.22	0.005	0.03	0.002	0.066
AIR18-001	AIR18-001-047	66.00	68.00	2.00	AIR18-001-047	11.35	<0.001	0.013	9.45	0.216	0.006	<0.001	0.018	12.37	0.751	6.1	0.162	2.94	0.006	0.027	0.003	0.128
AIR18-001	AIR18-001-048	68.00	70.00	2.00	AIR18-001-048	11.25	<0.001	0.01	9.05	0.366	0.006	<0.001	0.018	12.66	0.725	6.57	0.158	2.94	0.006	0.027	0.001	0.12
AIR18-001	AIR18-001-049	70.00	72.00	2.00	AIR18-001-049	11.2	<0.001	0.008	9.41	0.257	0.006	<0.001	0.078	12.08	0.643	5.65	0.158	2.94	0.006	0.027	<0.001	0.12
AIR18-001	AIR18-001-050	72.00	74.00	2.00	AIR18-001-050	11.1	<0.001	0.009	9.82	0.247	0.006	<0.001	0.018	12.28	0.697	5.79	0.148	3.03	0.005	0.033	<0.001	0.188
AIR18-001	AIR18-001-051	74.00	76.00	2.00	AIR18-001-051	11.4	<0.001	0.011	9.46	0.285	0.006	0.003	0.024	12.49	0.728	6.04	0.146	2.85	0.007	0.028	0.003	0.168
AIR18-001	AIR18-001-052	76.00	78.00	2.00	AIR18-001-052	13.15	<0.001	0.015	10.4	0.258	0.006	0.019	0.018	10.07	0.755	6.51	0.134	3.29	0.009	0.034	0.004	0.134
AIR18-002	AIR18-002-001	44	46	2	AIR18-002-001	13	<0.001	0.015	10.8	0.279	0.008	0.015	0.044	10.5	0.792	6.37	0.093	3.39	0.009	0.019	<0.001	0.466
AIR18-002	AIR18-002-002	46	48	2	AIR18-002-002	13.35	<0.001	0.011	8.67	0.185	0.007	0.01	0.032	10.58	0.593	6.21	0.099	4.01	0.008	0.025	0.001	0.226
AIR18-002	AIR18-002-003	48	49	1	AIR18-002-003	10.8	<0.001	0.008	9.09	0.216	0.006	0.002	0.039	13.28	0.486	5.33	0.144	3.6	0.006	0.043	0.001	0.353
AIR18-002	AIR18-002-005	49	51	2	AIR18-002-005	11.65	<0.001	0.013	8.48	0.233	0.007	<0.001	0.028	14.74	0.559	5.25	0.148	3.52	0.006	0.024	0.002	0.156
AIR18-002	AIR18-002-006	51	53	2	AIR18-002-006	10.15	<0.001	0.014	10.25	0.155	0.007	<0.001	0.056	16.04	0.425	3.56	0.126	3.6	0.004	0.041	0.001	0.537
AIR18-002	AIR18-002-007	53	55	2	AIR18-002-007	10.15	<0.001	0.009	9.98	0.194	0.007	<0.001	0.039	16.31	0.46	3.66	0.161	3.44	0.003	0.032	0.001	

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %	ME-XRF21n Ni %	ME-XRF21n P %	ME-XRF21n Pb %	ME-XRF21n S %
AIR18-003	AIR18-003-001	5	7	2	AIR18-003-001	13.3	<0.001	0.004	6.05	0.045	0.006	0.026	0.018	9.74	0.384	5.54	0.101	4.9	0.011	0.033	0.003	0.263
AIR18-003	AIR18-003-002	7	9	2	AIR18-003-002	13.95	<0.001	0.011	5.02	0.055	0.006	0.033	0.008	10.39	0.381	6.87	0.12	4.74	0.012	0.031	0.004	0.026
AIR18-003	AIR18-003-004	9	11	2	AIR18-003-004	15.1	<0.001	0.013	3.79	0.045	0.006	0.035	0.023	9.53	0.366	5.58	0.102	5.39	0.015	0.025	0.003	0.118
AIR18-003	AIR18-003-005	11	13	2	AIR18-003-005	13.65	<0.001	0.004	4.74	0.06	0.006	0.036	0.006	10.48	0.362	4.3	0.011	4.94	0.014	0.036	<0.001	0.087
AIR18-003	AIR18-003-006	13	15	2	AIR18-003-006	14.55	<0.001	0.008	4.05	0.037	0.006	0.035	0.02	10.16	0.407	6.17	0.113	5.18	0.015	0.026	0.001	0.133
AIR18-003	AIR18-003-007	15	17	2	AIR18-003-007	14.1	<0.001	0.005	4.04	0.049	0.007	0.036	0.019	10.64	0.26	6.17	0.122	4.98	0.014	0.026	<0.001	0.137
AIR18-003	AIR18-003-009	17	19	2	AIR18-003-009	14.7	<0.001	0.014	4.15	0.057	0.006	0.037	0.012	9.89	0.608	5.74	0.117	5.34	0.013	0.028	0.002	0.093
AIR18-003	AIR18-003-010	19	21	2	AIR18-003-010	14.5	<0.001	0.013	5.26	0.051	0.006	0.038	0.002	9.01	0.455	5.96	0.12	5.72	0.009	0.026	0.002	0.009
AIR18-003	AIR18-003-012	21	22	1	AIR18-003-012	13.5	<0.001	0.007	5.59	0.033	0.006	0.033	0.033	8.68	0.17	5.74	0.112	5.72	0.014	0.031	0.001	0.201
AIR18-003	AIR18-003-013	22	24	2	AIR18-003-013	14	<0.001	0.008	5.07	0.022	0.006	0.031	0.004	9.06	0.397	5.8	0.12	6.18	0.013	0.029	<0.001	0.021
AIR18-003	AIR18-003-014	24	26	2	AIR18-003-014	10.15	<0.001	0.01	6.87	0.014	0.013	0.028	0.1	20.73	0.13	4.79	0.124	4.21	0.028	0.026	0.002	1.435
AIR18-003	AIR18-003-015	26	28	2	AIR18-003-015	14.05	<0.001	0.013	4.77	0.04	0.006	0.036	0.017	10.14	0.313	6.73	0.132	5.23	0.014	0.028	0.003	0.081
AIR18-003	AIR18-003-016	28	30	2	AIR18-003-016	14	<0.001	0.01	5.31	0.038	0.006	0.032	0.012	9.89	0.408	6.17	0.119	5.04	0.013	0.028	0.002	0.088
AIR18-003	AIR18-003-017	30	32	2	AIR18-003-017	14.2	<0.001	0.01	4.59	0.038	0.006	0.035	0.023	9.66	0.387	6.09	0.103	4.97	0.013	0.026	0.002	0.039
AIR18-003	AIR18-003-018	32	34	2	AIR18-003-018	14.05	<0.001	0.014	4.7	0.04	0.006	0.039	0.029	9.4	0.519	6.87	0.107	4.67	0.013	0.029	0.002	0.047
AIR18-003	AIR18-003-019	34	36	2	AIR18-003-019	14.15	<0.001	0.011	6.26	0.063	0.006	0.039	0.03	8.17	0.411	6.79	0.09	5.27	0.012	0.031	0.001	0.138
AIR18-003	AIR18-003-020	36	38	2	AIR18-003-020	9.31	<0.001	0.013	11.65	0.179	0.008	0.007	0.056	17.38	0.581	4.42	0.163	2.89	0.006	0.029	0.002	0.414
AIR18-003	AIR18-003-022	38	40	2	AIR18-003-022	7.31	<0.001	0.016	12.65	0.233	0.009	0.001	0.073	21.47	0.994	5.25	0.223	1.45	0.003	0.024	0.005	0.3
AIR18-003	AIR18-003-024	40	42	2	AIR18-003-024	8.38	<0.001	0.016	6.11	0.343	0.012	<0.001	0.039	24.52	0.982	4.52	0.19	1.955	0.004	0.024	<0.001	0.239
AIR18-003	AIR18-003-025	42	44	2	AIR18-003-025	8.24	<0.001	0.014	5.93	0.501	0.012	<0.001	0.05	25.2	0.786	4.69	0.219	1.72	0.004	0.025	0.002	0.277
AIR18-003	AIR18-003-027	44	46	2	AIR18-003-027	9.57	<0.001	0.012	7.67	0.629	0.01	<0.001	0.059	21.6	0.695	4.28	0.217	2.21	0.004	0.027	0.003	0.242
AIR18-003	AIR18-003-028	46	48	2	AIR18-003-028	9.51	<0.001	0.017	7.17	0.572	0.011	<0.001	0.05	22.47	0.505	4.01	0.217	2.04	0.004	0.024	0.002	0.259
AIR18-003	AIR18-003-029	48	50	2	AIR18-003-029	10.3	<0.001	0.015	7.86	0.539	0.009	<0.001	0.037	20.3	0.598	3.96	0.19	2.69	0.004	0.024	0.002	0.176
AIR18-003	AIR18-003-030	50	52	2	AIR18-003-030	10.8	<0.001	0.019	8.1	0.555	0.009	<0.001	0.055	18.9	0.552	3.87	0.182	2.94	0.004	0.024	0.001	0.235
AIR18-003	AIR18-003-031	52	54	2	AIR18-003-031	9.75	<0.001	0.018	8.74	0.451	0.011	0.001	0.061	20.46	0.472	3.95	0.218	2.33	0.003	0.022	0.005	0.117
AIR18-003	AIR18-003-032	54	56	2	AIR18-003-032	7.75	<0.001	0.014	5.87	0.426	0.013	<0.001	0.066	30.05	0.496	3.41	0.22	1.68	0.007	0.018	0.003	0.198
AIR18-003	AIR18-003-034	56	58	2	AIR18-003-034	7.94	<0.001	0.013	6.57	0.37	0.013	<0.001	0.092	29.14	0.607	3.42	0.209	1.82	0.007	0.018	<0.001	0.219
AIR18-003	AIR18-003-036	58	60	2	AIR18-003-036	9.64	<0.001	0.016	7.01	0.459	0.013	<0.001	0.064	22.84	0.652	4.08	0.2	2.31	0.006	0.025	0.003	0.534
AIR18-003	AIR18-003-037	60	62	2	AIR18-003-037	8.73	<0.001	0.013	5.99	0.472	0.013	<0.001	0.059	25.13	0.483	4.21	0.25	1.885	0.004	0.025	0.001	0.231
AIR18-003	AIR18-003-038	62	64	2	AIR18-003-038	9.48	<0.001	0.016	6.72	0.537	0.013	<0.001	0.037	23.5	0.573	3.3	0.217	2.34	0.004	0.026	0.003	0.307
AIR18-003	AIR18-003-039	64	66	2	AIR18-003-039	13.06	<0.001	0.019	6.77	0.487	0.012	<0.001	0.036	24.29	0.586	3.68	0.205	2.32	0.004	0.027	0.004	0.268
AIR18-003	AIR18-003-040	66	68	2	AIR18-003-040	8.56	<0.001	0.015	7.14	0.446	0.013	0.001	0.043	25.06	0.561	3.87	0.23	2.12	0.007	0.02	0.003	0.234
AIR18-003	AIR18-003-042	68	70	2	AIR18-003-042	8.8	<0.001	0.013	7.98	0.305	0.013	0.001	0.043	23.52	0.629	3.65	0.195	2.4	0.006	0.023	0.001	0.398
AIR18-003	AIR18-003-043	70	72	2	AIR18-003-043	9.06	<0.001	0.017	7.47	0.281	0.012	<0.001	0.047	23.44	0.699	3.65	0.178	2.5	0.005	0.026	0.002	0.482
AIR18-003	AIR18-003-044	72	74	2	AIR18-003-044	9.79	<0.001	0.016	7.43	0.421	0.012	<0.001	0.049	21.39	0.449	3.88	0.222	2.58	0.005	0.03	0.003	0.226
AIR18-003	AIR18-003-045	74	76	2	AIR18-003-045	9.32	<0.001	0.016	7.03	0.396	0.011	<0.001	0.053	23.38	0.416	3.65	0.22	2.32	0.006	0.028	0.003	0.195
AIR18-003	AIR18-003-046	76	78	2	AIR18-003-046	8.01	<0.001	0.01	5.7	0.382	0.013	<0.001	0.052	29.12	0.419	3.39	0.244	1.81	0.006	0.023	0.003	0.216
AIR18-003	AIR18-003-047	78	80	2	AIR18-003-047	7.77	<0.001	0.014	4.95	0.34	0.013	0.001	0.075	31.69	0.509	3.3	0.227	1.785	0.009	0.023	0.005	0.208
AIR18-003	AIR18-003-048	80	82	2	AIR18-003-048	8.01	<0.001	0.016	4.96	0.319	0.013	0.001	0.205	31.85	0.505	3.24	0.227	1.86	0.011	0.019	0.005	0.388
AIR18-003	AIR18-003-049	82	84	2	AIR18-003-049	8.18	<0.001	0.018	5.47	0.365	0.013	0.001	0.062	28.17	0.505	3.22	0.202	2.02	0.007	0.02	0.005	0.161
AIR18-003	AIR18-003-050	84	86	2	AIR18-003-050	10.2	<0.001	0.015	7.81	0.495	0.011	<0.001	0.065	22.68	0.566	4.33	0.196	2.19	0.011	0.022	0.002	0.174
AIR18-003	AIR18-003-051	86	88	2	AIR18-003-051	11.15	<0.001	0.016	8.34	0.458	0.01	<0.001	0.056	19.56	0.588	4.6	0.19	2.42	0.009	0.023	0.002	0.122
AIR18-003	AIR18-003-052	88	90	2	AIR18-003-052	9.48	<0.001	0.016	6.52	0.336	0.012	0.002	0.076	27.46	0.468	3.9	0.181	2.08	0.014	0.02	0.004	0.174
AIR18-003	AIR18-003-053	90	92	2	AIR18-003-053	9.06	<0.001	0.013	5.68	0.294	0.013	0.001	0.084	29.79	0.578	3.74	0.204	2.01	0.015	0.018	<0.001	0.178
AIR18-003	AIR18-003-054	92	94	2	AIR18-003-054	10.05	<0.001	0.018	6.67	0.366	0.011	0.005	0.057	25.49	0.62	4.18	0.172	2.4	0.014	0.021	0.003	0.199
AIR18-003	AIR18-003-055	94	96	2	AIR18-003-055	13.3	<0.001	0.017	7.58	0.182	0.007	0.043	0.024	9.49	0.981	7.49	0.12	3.7	0.015	0.049	<0.001	0.239
AIR18-003	AIR18-003-056	96	98	2	AIR18-003-056	12.4	<0.001	0.015	9.26	0.371	0.007	0.003	0.03	12.26	0.522	5.67	0.16	3.24	0.008	0.027	0.002	0.106
AIR18-004	AIR18-004-001	1.9	3	1.1	AIR18-004-001	13.75	<0.001	0.015	10.7	0.291	0.006	0.005	0.018	10.48	0.551	5.67	0.154	3.3	0.007	0.024	0.004	0.17
AIR18-004	AIR18-004-002	3	5	2	AIR18-004-002	13.45	<0.001	0.013	10.45	0.244	0.007	0.004	0.004	11.04	0.584	5.45	0.154	3.04	0.007	0.023	0.003	0.251
AIR18-004	AIR18-004-003	5	7	2	AIR18-004-003	13.6	<0.001	0.017	12.3	0.362	0.008	0.003	0.038	9.53	0.538	5.51	0.128	3.63	0.013	0.039	0.003	0.877
AIR18-004	AIR18-004-004	7	9	2	AIR18-004-004	12.8	<0.001	0.015	14.2	0.372	0.01	0.024	0.163	8.2	0.424	6.02	0.116	3.5				

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %	ME-XRF21n Ni %	ME-XRF21n P %	ME-XRF21n Pb %	ME-XRF21n S %
AIR18-004	AIR18-004-039	68	70	2	AIR18-004-039	9.73	<0.001	0.008	7.78	0.457	0.009	<0.001	0.034	19.58	0.418	3.44	0.217	3.06	0.002	0.034	0.001	0.346
AIR18-004	AIR18-004-041	70	71	1	AIR18-004-041	10.05	<0.001	0.013	8.53	0.58	0.009	<0.001	0.038	19.06	0.428	3.49	0.21	2.87	0.003	0.031	0.002	0.266
AIR18-004	AIR18-004-042	71	73	2	AIR18-004-042	9.91	<0.001	0.013	7.81	0.521	0.009	<0.001	0.034	20.09	0.365	3.48	0.223	2.89	0.003	0.032	0.004	0.247
AIR18-004	AIR18-004-043	73	75	2	AIR18-004-043	8.81	<0.001	0.01	7.93	0.534	0.01	<0.001	0.032	20.92	0.392	3.51	0.233	2.88	0.003	0.033	0.002	0.275
AIR18-004	AIR18-004-044	75	78	3	AIR18-004-044	8.77	<0.001	0.009	6.9	0.393	0.011	<0.001	0.048	22.75	0.378	3.88	0.231	2.32	0.003	0.033	0.001	0.52
AIR18-004	AIR18-004-045	76	78	2	AIR18-004-045	7.74	<0.001	0.009	6.35	0.409	0.012	<0.001	0.05	24.62	0.393	4	0.283	1.765	0.004	0.026	0.001	0.343
AIR18-004	AIR18-004-046	78	80	2	AIR18-004-046	8.21	<0.001	0.016	6.68	0.508	0.013	<0.001	0.063	25.18	0.324	4.09	0.305	1.705	0.002	0.026	0.006	0.312
AIR18-004	AIR18-004-047	80	82	2	AIR18-004-047	7.68	<0.001	0.006	6.2	0.47	0.013	<0.001	0.066	26.41	0.33	4.41	0.318	1.52	0.003	0.026	0.001	0.252
AIR18-004	AIR18-004-048	82	84	2	AIR18-004-048	7.67	<0.001	0.011	6.6	0.466	0.013	<0.001	0.051	26.37	0.508	4.44	0.295	1.455	0.004	0.024	0.003	0.229
AIR18-004	AIR18-004-049	84	86	2	AIR18-004-049	7.48	<0.001	0.011	5.82	0.464	0.014	<0.001	0.065	27.78	0.43	4.46	0.316	1.56	0.004	0.026	0.003	0.224
AIR18-004	AIR18-004-051	86	88	2	AIR18-004-051	7.14	<0.001	0.012	7.62	0.512	0.014	<0.001	0.065	27.71	0.353	4.42	0.299	1.425	0.004	0.024	0.003	0.223
AIR18-004	AIR18-004-052	88	90	2	AIR18-004-052	8.27	<0.001	0.013	7.16	0.573	0.013	<0.001	0.054	25.21	0.327	4.38	0.287	1.725	0.002	0.023	0.003	0.28
AIR18-004	AIR18-004-053	90	92	2	AIR18-004-053	8.59	<0.001	0.013	6.18	0.536	0.013	<0.001	0.053	26.43	0.298	4.48	0.301	1.778	0.003	0.023	0.004	0.188
AIR18-004	AIR18-004-054	92	94	2	AIR18-004-054	8.85	<0.001	0.009	6.8	0.573	0.014	<0.001	0.067	25.19	0.267	4.38	0.298	1.745	0.004	0.023	0.003	0.188
AIR18-004	AIR18-004-055	94	96	2	AIR18-004-055	7.36	<0.001	0.008	5.84	0.441	0.016	<0.001	0.062	28.89	0.233	4.63	0.323	1.435	0.005	0.019	0.004	0.182
AIR18-004	AIR18-004-056	96	98	2	AIR18-004-056	9.32	<0.001	0.009	7.29	0.515	0.012	<0.001	0.061	23.36	0.408	4.18	0.278	1.98	0.003	0.021	<0.001	0.181
AIR18-004	AIR18-004-057	98	100	2	AIR18-004-057	8.6	<0.001	0.008	6.94	0.427	0.011	<0.001	0.111	24.88	1.205	4.13	0.199	2.06	0.006	0.017	0.002	0.227
AIR18-004	AIR18-004-058	100	101	1	AIR18-004-058	7.3	<0.001	0.013	4.85	0.219	0.013	<0.001	0.122	31.99	1.155	3.55	0.166	1.935	0.009	0.013	0.003	0.248
AIR18-004	AIR18-004-059	101	102	1	AIR18-004-059	8.87	<0.001	0.02	8.04	0.229	0.014	0.001	0.514	23.66	1.5	4.1	0.132	2.19	0.013	0.021	0.004	1.935
AIR18-004	AIR18-004-061	102	104	2	AIR18-004-061	13.2	<0.001	0.01	8.41	0.217	0.006	0.014	0.012	9.73	0.895	5.54	0.093	4.44	0.01	0.038	<0.001	0.114
AIR18-004	AIR18-004-063	212	212	0	AIR18-004-063	13.4	<0.001	0.005	7.02	0.041	0.005	0.019	0.019	11.38	0.705	6.55	0.177	3.88	0.01	0.038	0.001	0.13
AIR18-004	AIR18-004-063	212	213	1	AIR18-004-063	14.35	<0.001	0.01	5.87	0.06	0.005	0.042	0.01	11.19	0.14	6.14	0.148	0.016	0.059	0.004	0.103	
AIR18-004	AIR18-004-064	213.4	214	0.6	AIR18-004-064	14.7	<0.001	0.004	9.21	0.054	0.008	0.043	0.014	9.55	0.113	6.24	0.13	4.36	0.015	0.019	<0.001	1.12
AIR18-004	AIR18-004-065	214.3	215	0.7	AIR18-004-065	13.7	<0.001	0.004	7.36	0.018	0.009	0.037	0.03	10.49	0.093	7.96	0.142	4.73	0.013	0.024	<0.001	1.815
AIR18-004	AIR18-004-066	215.2	217	0.8	AIR18-004-066	12.3	<0.001	0.004	8.88	0.011	0.01	0.032	0.038	12.89	0.102	6.73	0.118	4.73	0.016	0.023	<0.001	1.8
AIR18-004	AIR18-004-067	217	217.54	0.54	AIR18-004-067	12.8	<0.001	0.011	9.41	0.017	0.006	0.029	0.01	10.56	0.359	5.98	0.106	4.95	0.011	0.03	<0.001	0.476
AIR18-004	AIR18-004-068	217.54	218	0.46	AIR18-004-068	14.6	<0.001	0.019	8.69	0.05	0.006	0.041	0.011	9.37	0.351	7.73	0.126	4.56	0.011	0.029	<0.001	0.504
AIR18-004	AIR18-004-069	218	218.85	0.85	AIR18-004-069	13.2	<0.001	0.014	10.4	0.053	0.007	0.037	0.01	10.06	0.446	8.37	0.136	3.94	0.013	0.032	<0.001	0.395
AIR18-004	AIR18-004-070	220.9	222.4	1.5	AIR18-004-070	14.1	<0.001	0.03	10.25	0.108	0.006	0.033	0.012	9.12	0.488	7.8	0.18	3.39	0.013	0.04	<0.001	0.386
AIR18-004	AIR18-004-072	223.9	225.1	1.2	AIR18-004-072	14.9	<0.001	0.021	9.44	0.128	0.007	0.039	0.026	9.28	0.585	7.78	0.154	3.75	0.016	0.036	<0.002	0.38
AIR18-004	AIR18-004-073	225.4	226	0.6	AIR18-004-073	12.95	<0.001	0.036	7.29	0.152	0.006	0.024	0.003	9.25	0.506	7.07	0.166	2.95	0.01	0.035	<0.001	0.07
AIR18-004	AIR18-004-074	226	228	2	AIR18-004-074	13.9	<0.001	0.013	9.08	0.128	0.006	0.026	0.01	9.35	0.532	7.39	0.116	3.98	0.01	0.038	<0.001	0.298
AIR18-004	AIR18-004-075	228	230	2	AIR18-004-075	12.3	<0.001	0.013	8.52	0.059	0.02	0.022	0.148	18.18	0.818	4.87	0.053	4.54	0.011	0.062	0.002	2.29
AIR18-004	AIR18-004-076	230	231	1	AIR18-004-076	14	<0.001	0.017	4.34	0.087	0.016	0.032	0.062	14.22	2.39	7.26	0.047	4.16	0.011	0.031	0.004	1.205
AIR18-004	AIR18-004-077	231	232	1	AIR18-004-077	2.37	<0.001	0.012	1.7	0.036	0.071	0.004	0.122	57.5	0.223	1.78	0.066	0.574	0.023	0.152	0.006	-5.0
AIR18-004	AIR18-004-079	232	234	2	AIR18-004-079	13.45	<0.001	0.02	5.86	0.261	0.018	0.054	0.093	16.52	2.1	7.91	0.057	3.34	0.014	0.021	0.004	1.755
AIR18-004	AIR18-004-080	234	236	2	AIR18-004-080	13.95	<0.001	0.023	5.27	0.12	0.01	0.05	0.065	14.75	2.47	8.25	0.055	3.43	0.015	0.03	0.003	0.941
AIR18-004	AIR18-004-081	236	238	2	AIR18-004-081	14.25	<0.001	0.02	7.28	0.174	0.007	0.048	0.049	11.2	1.68	8.01	0.066	3.63	0.018	0.03	0.002	0.474
AIR18-004	AIR18-004-083	238	240	2	AIR18-004-083	15.84	<0.001	0.014	8.84	0.151	0.006	0.045	0.048	10.99	1.26	7.23	0.078	3.36	0.013	0.027	0.002	0.711
AIR18-004	AIR18-004-085	240	242	2	AIR18-004-085	13.05	<0.001	0.015	8.84	0.151	0.006	0.045	0.048	12.36	0.893	3.04	0.081	3.04	0.017	0.027	0.002	0.401
AIR18-004	AIR18-004-085	241	243	2	AIR18-004-085	14.35	<0.001	0.013	9.43	0.229	0.008	0.045	0.045	9.54	0.783	7.77	0.095	3.6	0.016	0.033	0.001	0.388
AIR18-006	AIR18-006-001	6	8	2	AIR18-006-001	12.05	<0.001	0.015	5.72	0.11	0.009	0.114	0.029	9.1	1.675	9.49	0.107	3.79	0.019	0.029	0.004	0.525
AIR18-006	AIR18-006-002	8	10	2	AIR18-006-002	9.84	0.001	0.006	7.17	0.338	0.009	<0.001	0.06	21.11	0.377	4.18	0.175	2.78	0.004	0.022	<0.001	0.274
AIR18-006	AIR18-006-003	10	12	2	AIR18-006-003	9.13	<0.001	0.008	7.05	0.405	0.011	<0.001	0.072	23.27	0.385	4	0.21	2.97	0.004	0.02	0.002	0.255
AIR18-006	AIR18-006-004	12	14	2	AIR18-006-004	9.95	<0.001	0.014	7.72	0.54	0.012	0.002	0.073	21.07	0.407	3.93	0.212	2.44	0.006	0.023	0.005	0.204
AIR18-006	AIR18-006-005	14	16	2	AIR18-006-005	9.77	<0.001	0.011	7.75	0.541	0.011	<0.001	0.078	21.4	0.392	3.97	0.217	2.36	0.004	0.021	0.002	0.229
AIR18-006	AIR18-006-006	16	18	2	AIR18-006-006	9.65	<0.001	0.01	7.65	0.502	0.011	<0.001	0.071	21.8	0.376	3.95	0.212	2.36	0.004	0.021	0.003	0.229
AIR18-006	AIR18-006-007	18	20	2	AIR18-006-007	9.89	<0.001	0.012	8.73	0.61	0.01	<0.001	0.061	21.14	0.393	3.95	0.201	2.49	0.005	0.021	0.003	0.208
AIR18-006	AIR18-006-008	20	22	2	AIR18-006-008	10.15	<0.001	0.011	7.72	0.464	0.01	<0.001	0.069	20.79	0.41	3.94	0.194	2.73	0.004	0.021	0.003	0.183
AIR18-006	AIR18-006-009	22	24	2	AIR18-006-009	10.1	<0.001	0.014	7.92	0.472	0.01	<0.001	0.084	20.16	0.395	3.98	0.194	2.73	0.005	0.022	0.005	0.213
AIR18-006	AIR18-006-011	24	26	2	AIR18-006-011	9.88	<0.001															



Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %	ME-XRF21n Ni %	ME-XRF21n P %	ME-XRF21n Pb %	ME-XRF21n S %
AIR18-006	AIR18-006-046	85	87	2	AIR18-006-046	8.73	<0.001	0.01	5.67	0.212	0.01	<0.001	0.101	27.19	0.468	3.79	0.183	2.45	0.006	0.014	0.005	0.213
AIR18-006	AIR18-006-047	87	88	1	AIR18-006-047	8.89	0.001	0.007	5.91	0.259	0.008	<0.001	0.09	26.76	0.441	3.74	0.182	2.5	0.006	0.015	0.002	0.221
AIR18-006	AIR18-006-048	88	89	1	AIR18-006-048	11.4	<0.001	0.079	4.46	0.362	0.01	<0.001	0.008	19.16	3.3	6.32	0.174	1.61	0.006	0.017	0.004	0.023
AIR18-006	AIR18-006-049	89	91	2	AIR18-006-049	8.16	<0.001	0.01	6.1	0.377	0.011	<0.001	0.108	26.92	0.56	4.23	0.201	2.02	0.006	0.014	0.003	0.231
AIR18-006	AIR18-006-051	91	92	1	AIR18-006-051	8.4	<0.001	0.013	6.51	0.344	0.012	<0.001	0.093	27.4	0.489	3.93	0.202	2.05	0.007	0.014	0.005	0.187
AIR18-006	AIR18-006-052	92	94	2	AIR18-006-052	7.61	<0.001	0.013	6.07	0.317	0.013	<0.001	0.11	30.04	0.453	3.75	0.218	1.765	0.008	0.013	0.005	0.216
AIR18-006	AIR18-006-053	94	96	2	AIR18-006-053	9.13	<0.001	0.006	7.42	0.42	0.012	<0.001	0.095	24.13	0.554	4.3	0.211	2.03	0.006	0.013	0.002	0.215
AIR18-006	AIR18-006-054	96	98	2	AIR18-006-054	8.73	<0.001	0.017	6.29	0.34	0.012	<0.001	0.087	26.56	0.615	4.06	0.207	2.02	0.007	0.013	0.006	0.197
AIR18-006	AIR18-006-055	98	100	2	AIR18-006-055	8.94	<0.001	0.013	6.63	0.341	0.011	<0.001	0.106	26.03	0.55	4.02	0.204	2.05	0.006	0.012	0.001	0.228
AIR18-006	AIR18-006-056	100	102	2	AIR18-006-056	8.63	<0.001	0.013	6.49	0.3	0.013	<0.001	0.097	27.75	0.525	3.76	0.214	1.845	0.007	0.013	0.005	0.194
AIR18-006	AIR18-006-057	102	104	2	AIR18-006-057	9.34	<0.001	0.009	6.92	0.363	0.013	<0.001	0.08	25.2	0.625	4.1	0.212	1.995	0.006	0.014	0.003	0.17
AIR18-006	AIR18-006-058	104	106	2	AIR18-006-058	8.01	<0.001	0.018	6.44	0.368	0.013	0.011	0.124	29.04	0.427	3.84	0.236	1.935	0.01	0.012	0.005	0.235
AIR18-006	AIR18-006-059	106	107	1	AIR18-006-059	9.11	<0.001	0.01	7.4	0.19	0.015	<0.001	0.092	42.78	0.498	4.77	0.221	1.895	0.007	0.013	0.004	0.2
AIR18-006	AIR18-006-061	107	109	2	AIR18-006-061	8.66	<0.001	0.01	6.64	0.303	0.012	<0.001	0.092	26.71	0.576	4.1	0.228	1.855	0.006	0.015	0.003	0.22
AIR18-006	AIR18-006-062	109	111	2	AIR18-006-062	9.92	<0.001	0.01	7.74	0.36	0.012	<0.001	0.079	23.18	0.423	4.32	0.209	2.01	0.006	0.014	0.002	0.162
AIR18-006	AIR18-006-063	111	113	2	AIR18-006-063	9.12	0.001	0.011	7.53	0.346	0.012	<0.001	0.093	24.72	0.411	4.32	0.206	1.9	0.006	0.013	0.002	0.174
AIR18-006	AIR18-006-064	113	115	2	AIR18-006-064	9.62	<0.001	0.013	7.84	0.35	0.012	<0.001	0.079	22.88	0.466	4.47	0.192	2.1	0.006	0.012	0.002	0.169
AIR18-006	AIR18-006-065	115	117	2	AIR18-006-065	8.96	<0.001	0.012	7.24	0.302	0.012	<0.001	0.095	25.65	0.452	4.17	0.201	1.92	0.007	0.013	0.006	0.188
AIR18-006	AIR18-006-066	117	119	2	AIR18-006-066	7.74	<0.001	0.014	8.09	0.414	0.013	<0.001	0.108	26.93	0.541	4.4	0.218	1.34	0.007	0.012	0.004	0.273
AIR18-006	AIR18-006-067	119	121	2	AIR18-006-067	7.77	<0.001	0.012	7.13	0.349	0.014	0.001	0.1	28.32	0.441	4.2	0.214	1.465	0.009	0.011	0.006	0.227
AIR18-006	AIR18-006-068	121	122	1	AIR18-006-068	8.58	<0.001	0.006	7.41	0.346	0.006	<0.001	0.098	26.13	0.567	4.38	0.204	1.75	0.007	0.012	0.002	0.194
AIR18-006	AIR18-006-069	122	124	2	AIR18-006-069	8.6	<0.001	0.013	7.48	0.355	0.013	<0.001	0.105	25.85	0.561	4.42	0.205	1.74	0.006	0.012	0.006	0.188
AIR18-006	AIR18-006-070	124	126	2	AIR18-006-070	8.66	<0.001	0.006	7.46	0.334	0.013	<0.001	0.103	25.92	0.332	4.37	0.202	1.745	0.007	0.011	0.002	0.197
AIR18-006	AIR18-006-071	126	127	1	AIR18-006-071	0.1	<0.001	0.01	8.18	0.41	0.012	<0.001	0.081	22.38	0.38	4.36	0.186	2.06	0.007	0.012	0.003	0.186
AIR18-006	AIR18-006-072	127	128	1	AIR18-006-072	10.3	<0.001	0.012	7.73	0.355	0.011	0.02	0.083	25.28	0.355	4.58	0.183	2.23	0.009	0.013	0.003	0.198
AIR18-006	AIR18-006-073	129	131	2	AIR18-006-073	10.1	<0.001	0.011	7.99	0.362	0.011	<0.001	0.075	22.91	0.388	4.22	0.188	2.14	0.007	0.012	0.002	0.167
AIR18-006	AIR18-006-074	131	133	2	AIR18-006-074	9.09	<0.001	0.011	7.32	0.276	0.012	0.003	0.092	26.24	0.377	4.04	0.196	1.935	0.008	0.012	0.004	0.188
AIR18-006	AIR18-006-075	133	134	1	AIR18-006-075	10.4	<0.001	0.017	9.16	0.393	0.01	<0.001	0.066	19.52	0.466	4.83	0.182	2.17	0.007	0.012	0.004	0.155
AIR18-006	AIR18-006-077	134	135	1	AIR18-006-077	9.26	<0.001	0.008	7.56	0.272	0.012	<0.001	0.088	24.52	0.331	4.37	0.194	1.995	0.008	0.013	0.004	0.214
AIR18-006	AIR18-006-078	135	137	2	AIR18-006-078	10.35	<0.001	0.019	8.55	0.304	0.011	0.001	0.096	20.96	0.359	4.56	0.19	2.22	0.009	0.013	0.007	0.168
AIR18-006	AIR18-006-079	137	139	2	AIR18-006-079	9.6	<0.001	0.007	7.8	0.329	0.01	<0.001	0.073	19.97	0.37	4.54	0.186	2.07	0.006	0.012	0.001	0.151
AIR18-006	AIR18-006-080	139	141	2	AIR18-006-080	9.6	<0.001	0.01	7.8	0.3	0.012	<0.001	0.073	19.72	0.395	4.38	0.192	2.02	0.007	0.012	0.003	0.247
AIR18-006	AIR18-006-081	141	143	2	AIR18-006-081	9.08	<0.001	0.018	8.21	0.258	0.011	0.001	0.09	24.6	0.463	4.3	0.205	1.895	0.009	0.013	0.004	0.368
AIR18-006	AIR18-006-082	143	144	1	AIR18-006-082	8.2	<0.001	0.012	7.04	0.298	0.024	<0.001	0.085	28.8	0.422	4	0.211	1.675	0.019	0.011	0.004	2.6
AIR18-006	AIR18-006-093	144	146	2	AIR18-006-093	8.35	<0.001	0.013	6.87	0.294	0.013	<0.001	0.107	28.17	0.477	4.12	0.221	1.755	0.009	0.011	0.004	0.233
AIR18-006	AIR18-006-084	146	147	1	AIR18-006-084	7.4	<0.001	0.013	5.52	0.219	0.013	<0.001	0.114	33.3	0.461	3.48	0.232	1.625	0.009	0.011	0.005	0.227
AIR18-006	AIR18-006-095	147	149	2	AIR18-006-095	8.32	<0.001	0.014	7.11	0.244	0.013	<0.001	0.114	27.86	0.558	4.32	0.216	1.785	0.009	0.009	0.002	0.184
AIR18-006	AIR18-006-096	149	150	1	AIR18-006-096	10.5	<0.001	0.011	10.4	0.379	0.009	<0.001	0.049	20.93	0.662	4.28	0.186	2.12	0.006	0.012	0.003	0.177
AIR18-006	AIR18-006-098	150	151	1	AIR18-006-098	9.15	<0.001	0.013	7.45	0.246	0.011	<0.001	0.096	26.93	0.518	4.26	0.201	2.12	0.008	0.011	0.005	0.259
AIR18-006	AIR18-006-099	151	153	2	AIR18-006-099	9.57	<0.001	0.013	8.25	0.302	0.008	<0.001	0.095	26.05	0.583	4.3	0.185	2.06	0.006	0.012	0.005	0.164
AIR18-006	AIR18-006-090	152	154	2	AIR18-006-090	10.3	<0.001	0.015	8.92	0.28	0.009	<0.001	0.026	21.03	0.582	4.56	0.176	2.52	0.006	0.01	0.006	0.114
AIR18-006	AIR18-006-091	154	155	1	AIR18-006-091	10.35	<0.001	0.018	12.1	0.414	0.014	<0.001	0.026	18.77	0.517	3.85	0.146	2.04	0.009	0.01	0.004	0.471
AIR18-006	AIR18-006-092	155	157	2	AIR18-006-092	10.5	<0.001	0.013	8.3	0.255	0.009	<0.001	0.027	18.96	0.477	5.28	0.167	2.65	0.006	0.012	0.003	0.095
AIR18-006	AIR18-006-093	157	159	2	AIR18-006-093	10.95	<0.001	0.009	8.94	0.275	0.009	<0.001	0.033	15.94	0.439	5.5	0.158	2.66	0.006	0.012	0.004	0.095
AIR18-006	AIR18-006-094	159	161	2	AIR18-006-094	9.51	<0.001	0.008	9.68	0.312	0.01	<0.001	0.042	18.82	0.425	5.69	0.17	2.07	0.006	0.01	0.003	0.099
AIR18-006	AIR18-006-095	161	163	2	AIR18-006-095	9.35	<0.001	0.011	8.63	0.226	0.01	<0.001	0.05	21.62	0.331	4.79	0.171	1.83	0.007	0.01	0.003	0.14
AIR18-006	AIR18-006-096	163	164	1	AIR18-006-096	9.98	<0.001	0.013	9	0.261	0.011	<0.001	0.034	20.75	0.308	4.79	0.171	2.1	0.007	0.01	0.006	0.112
AIR18-006	AIR18-006-097	164	165	2	AIR18-006-097	10.23	<0.001	0.014	8.16	0.261	0.011	<0.001	0.051	21.96	0.326	4.69	0.172	2.28	0.006	0.011	0.003	0.154
AIR18-006	AIR18-006-099	166	167	1	AIR18-006-099	9.83	<0.001	0.011	8.17	0.271	0.012	<0.001	0.061	22.85	0.284	4.83	0.185	2.08	0.008	0.009	0.006	0.201
AIR18-006	AIR18-006-100	167	169	2	AIR18-006-100	10.2	<0.001	0.014	8.49	0.297	0.011	<0.001	0.062	21.18	0.307	4.99	0.189	2.03	0.008	0.01	0.003	0.114
AIR18-006	AIR18-006-101	169	170	1	AIR18-006-101																	

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n Al2O3 %	ME-XRF21n As %	ME-XRF21n Ba %	ME-XRF21n CaO %	ME-XRF21n Cl %	ME-XRF21n Co %	ME-XRF21n Cr2O3 %	ME-XRF21n Cu %	ME-XRF21n Fe %	ME-XRF21n K2O %	ME-XRF21n MgO %	ME-XRF21n Mn %	ME-XRF21n Na2O %	ME-XRF21n Ni %	ME-XRF21n P %	ME-XRF21n Pb %	ME-XRF21n S %
AIR18-006	AIR18-006-136	219	220	1	AIR18-006-136	11.45	<0.001	0.008	9.1	0.248	0.009	<0.001	0.054	17.66	0.359	5.83	0.146	2.49	0.008	0.007	0.003	0.899
AIR18-006	AIR18-006-137	220	221.2	1.2	AIR18-006-137	13.3	<0.001	0.011	9.52	0.264	0.009	<0.001	0.044	14.76	0.353	5.22	0.134	2.94	0.008	0.009	0.005	0.106

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n SiO2 %	ME-XRF21n Sn %	ME-XRF21n Sr %	ME-XRF21n TiO2 %	ME-XRF21n V %	ME-XRF21n V2O5 %	ME-XRF21n Zn %	ME-XRF21n Zr %	ME-XRF21n Total %	OA-GRA05x LOI 1000 %
AIR18-001	AIR18-001-001	2.80	4.00	1.20	AIR18-001-001	40.4	<0.001	0.008	2.92	0.047	0.08	0.008	0.007	99.97	-0.45
AIR18-001	AIR18-001-002	4.00	6.00	2.00	AIR18-001-002	41.2	0.001	0.01	2.78	0.046	0.08	0.009	0.009	100	-0.58
AIR18-001	AIR18-001-003	6.00	8.00	2.00	AIR18-001-003	37.8	<0.001	0.006	3.3	0.058	0.10	0.01	0.005	99.99	-0.75
AIR18-001	AIR18-001-004	8.00	9.00	1.00	AIR18-001-004	39.6	<0.001	0.007	3.07	0.055	0.10	0.006	0.006	100.05	0.14
AIR18-001	AIR18-001-005	9.00	10.00	1.00	AIR18-001-005	41.7	<0.001	0.009	2.87	0.056	0.10	0.006	0.007	99.97	0.55
AIR18-001	AIR18-001-007	10.00	12.00	2.00	AIR18-001-007	38.7	<0.001	0.007	4.13	0.120	0.21	0.009	0.004	99.98	-0.38
AIR18-001	AIR18-001-008	12.00	13.00	1.00	AIR18-001-008	40.4	<0.001	0.008	3.62	0.118	0.21	0.008	0.006	99.98	-0.24
AIR18-001	AIR18-001-009	13.00	15.00	2.00	AIR18-001-009	40.8	<0.001	0.008	3.71	0.123	0.22	0.006	0.004	99.94	-0.27
AIR18-001	AIR18-001-010	15.00	17.00	2.00	AIR18-001-010	38.4	<0.001	0.007	4.64	0.174	0.31	0.004	0.005	99.97	-0.63
AIR18-001	AIR18-001-012	17.00	18.00	1.00	AIR18-001-012	34.7	<0.001	0.007	8.12	0.252	0.45	0.006	0.004	100	-0.63
AIR18-001	AIR18-001-013	19.00	20.00	1.00	AIR18-001-013	25.7	0.001	0.004	8.19	0.421	0.75	0.006	0.004	100	-1.22
AIR18-001	AIR18-001-014	20.00	21.00	1.00	AIR18-001-014	23.5	0.001	0.003	8.9	0.465	0.83	0.005	0.005	101.1	-1.41
AIR18-001	AIR18-001-016	21.00	23.00	2.00	AIR18-001-016	23.8	<0.001	0.001	8.2	0.481	0.86	0.006	<0.001	101.9	-0.54
AIR18-001	AIR18-001-017	23.00	24.00	1.00	AIR18-001-017	37	0.001	0.008	2.52	0.043	0.08	0.005	0.009	104.75	2.46
AIR18-001	AIR18-001-018	24.00	26.00	2.00	AIR18-001-018	43.5	<0.001	0.008	2.94	0.054	0.10	0.004	0.01	102.3	0.3
AIR18-001	AIR18-001-020	26.00	28.00	2.00	AIR18-001-020	42.5	<0.001	0.008	2.84	0.053	0.09	0.005	0.005	100.05	-0.23
AIR18-001	AIR18-001-021	28.00	30.00	2.00	AIR18-001-021	41.4	<0.001	0.008	2.83	0.056	0.10	0.005	0.007	100	0.75
AIR18-001	AIR18-001-022	30.00	32.00	2.00	AIR18-001-022	39.7	<0.001	0.007	3.1	0.063	0.11	0.006	0.005	99.97	-0.3
AIR18-001	AIR18-001-023	32.00	34.00	2.00	AIR18-001-023	39.5	<0.001	0.008	3.43	0.076	0.14	0.006	0.007	99.97	-0.3
AIR18-001	AIR18-001-024	34.00	36.00	2.00	AIR18-001-024	38.6	0.001	0.008	3.71	0.092	0.16	0.006	0.007	100.05	0.42
AIR18-001	AIR18-001-026	36.00	38.00	2.00	AIR18-001-026	39	<0.001	0.008	3.81	0.102	0.18	0.006	0.007	100.05	0.09
AIR18-001	AIR18-001-027	38.00	39.00	1.00	AIR18-001-027	35.7	<0.001	0.005	4.75	0.132	0.23	0.005	0.006	99.99	0.02
AIR18-001	AIR18-001-029	39.00	40.00	1.00	AIR18-001-029	40	0.001	0.009	3.46	0.102	0.18	0.005	0.007	102.5	1.66
AIR18-001	AIR18-001-030	40.00	42.00	2.00	AIR18-001-030	36.3	0.001	0.007	4.45	0.158	0.28	0.005	0.006	100	3.13
AIR18-001	AIR18-001-031	42.00	44.00	2.00	AIR18-001-031	36.4	<0.001	0.006	5.13	0.198	0.35	0.007	0.004	99.96	0.38
AIR18-001	AIR18-001-032	44.00	45.00	1.00	AIR18-001-032	37.4	<0.001	0.008	4.65	0.181	0.32	0.008	0.006	99.99	0.48
AIR18-001	AIR18-001-034	45.00	47.00	2.00	AIR18-001-034	38.7	<0.001	0.008	3.89	0.148	0.26	0.006	0.005	100.05	3.67
AIR18-001	AIR18-001-035	47.00	49.00	2.00	AIR18-001-035	35.5	<0.001	0.01	3.88	0.145	0.26	0.006	0.005	100.05	6.82
AIR18-001	AIR18-001-036	49.00	51.00	2.00	AIR18-001-036	24.8	0.001	0.008	4.97	0.268	0.48	0.007	0.004	106.2	3.69
AIR18-001	AIR18-001-038	51.00	53.00	2.00	AIR18-001-038	37.8	0.001	0.01	3.87	0.246	0.44	0.008	0.007	99.98	0.03
AIR18-001	AIR18-001-039	53.00	54.00	1.00	AIR18-001-039	42.4	<0.001	0.011	2.39	0.143	0.25	0.007	0.007	99.97	0.36
AIR18-001	AIR18-001-040	54.00	56.00	2.00	AIR18-001-040	43.8	0.001	0.011	2.26	0.130	0.23	0.007	0.008	99.98	0.42
AIR18-001	AIR18-001-042	56.00	58.00	2.00	AIR18-001-042	40.8	<0.001	0.01	2.92	0.184	0.33	0.007	0.007	99.98	0.79
AIR18-001	AIR18-001-043	58.00	60.00	2.00	AIR18-001-043	47.3	<0.001	0.01	1.37	0.067	0.12	0.005	0.004	100	0.65
AIR18-001	AIR18-001-044	60.00	62.00	2.00	AIR18-001-044	47.2	<0.001	0.011	1.14	0.041	0.07	0.005	0.006	104.35	2.31
AIR18-001	AIR18-001-045	62.00	64.00	2.00	AIR18-001-045	48.5	<0.001	0.009	1.17	0.048	0.09	0.005	0.003	100	0.55
AIR18-001	AIR18-001-046	64.00	66.00	2.00	AIR18-001-046	60.05	0.001	0.012	1.06	0.008	0.09	0.005	0.004	100.05	1.17
AIR18-001	AIR18-001-047	66.00	68.00	2.00	AIR18-001-047	48.7	0.002	0.012	1.06	0.048	0.09	0.005	0.009	100.05	0.64
AIR18-001	AIR18-001-048	68.00	70.00	2.00	AIR18-001-048	48.7	<0.001	0.01	1.23	0.047	0.08	0.004	0.005	99.98	0.52
AIR18-001	AIR18-001-048	70.00	72.00	2.00	AIR18-001-048	48.1	<0.001	0.011	1.25	0.040	0.07	0.003	0.008	100	0.64
AIR18-001	AIR18-001-050	72.00	74.00	2.00	AIR18-001-050	48.5	<0.001	0.012	1.28	0.045	0.08	0.003	0.007	99.98	1.05
AIR18-001	AIR18-001-051	74.00	76.00	2.00	AIR18-001-051	47.7	0.001	0.01	1.32	0.058	0.10	0.005	0.007	100	1.48
AIR18-001	AIR18-001-052	76.00	78.00	2.00	AIR18-001-052	47.2	<0.001	0.014	1.1	0.032	0.06	0.004	0.01	100.05	2.2
AIR18-002	AIR18-002-001	44	46	2	AIR18-002-001	46.800	0.002	0.013	0.69	0.030	0.05	0.004	0.005	99.99	1.32
AIR18-002	AIR18-002-002	46	48	2	AIR18-002-002	46.600	0.001	0.011	0.85	0.034	0.06	0.003	0.006	99.97	1.43
AIR18-002	AIR18-002-003	48	49	1	AIR18-002-003	47.200	0.001	0.008	1.84	0.081	0.14	0.004	0.007	100.05	1.05
AIR18-002	AIR18-002-005	49	51	2	AIR18-002-005	45.300	<0.001	0.01	1.89	0.099	0.18	0.004	0.007	100	1.04
AIR18-002	AIR18-002-006	51	53	2	AIR18-002-006	43.700	0.003	0.012	2.52	0.075	0.13	0.004	0.008	99.99	0.84
AIR18-002	AIR18-002-007	53	55	2	AIR18-002-007	43.600	<0.001	0.01	3.01	0.082	0.15	0.004	0.007	99.96	0.99
AIR18-002	AIR18-002-008	55	57	2	AIR18-002-008	42.6	0.002	0.009	2.95	0.083	0.15	0.005	0.008	100.05	0.81
AIR18-002	AIR18-002-009	57	58	1	AIR18-002-009	37.1	0.002	0.008	2.57	0.066	0.12	0.006	0.007	104.9	0.39
AIR18-002	AIR18-002-011	59	59	1	AIR18-002-011	44.7	<0.001	0.008	2.87	0.075	0.13	0.005	0.007	100	-0.24
AIR18-002	AIR18-002-012	59	61	2	AIR18-002-012	42.9	0.001	0.009	2.99	0.080	0.14	0.006	0.007	100.05	0.39
AIR18-002	AIR18-002-013	61	63	2	AIR18-002-013	41.8	<0.001	0.008	2.52	0.065	0.12	0.007	0.009	100.05	2.54
AIR18-002	AIR18-002-015	63	65	2	AIR18-002-015	41.7	<0.001	0.008	2.68	0.068	0.09	0.006	0.008	99.96	0.37
AIR18-002	AIR18-002-016	65	67	2	AIR18-002-016	41.5	<0.001	0.006	2.8	0.050	0.09	0.007	0.004	100	-0.52
AIR18-002	AIR18-002-017	67	68	1	AIR18-002-017	38	<0.001	0.006	2.85	0.053	0.09	0.006	0.006	100	1.63
AIR18-002	AIR18-002-018	68	70	2	AIR18-002-018	37.2	<0.001	0.005	3.22	0.063	0.11	0.01	0.004	100	0.1
AIR18-002	AIR18-002-020	70	72	2	AIR18-002-020	37.8	<0.001	0.003	3.21	0.064	0.11	0.01	0.003	100	-0.56
AIR18-002	AIR18-002-021	72	74	2	AIR18-002-021	37	<0.001	0.004	3.54	0.072	0.13	0.008	0.003	99.98	-0.31
AIR18-002	AIR18-002-022	74	76	2	AIR18-002-022	37.6	<0.001	0.005	3.42	0.072	0.13	0.006	0.003	99.99	0.08
AIR18-002	AIR18-002-024	76	78	2	AIR18-002-024	41.1	0.001	0.008	3.22	0.093	0.17	0.008	0.005	99.97	-0.9
AIR18-002	AIR18-002-026	78	80	2	AIR18-002-026	37.9	<0.001	0.011	3.07	0.142	0.25	0.007	0.007	99.95	-0.18
AIR18-002	AIR18-002-027	80	82	2	AIR18-002-027	38.9	<0.001	0.008	3.53	0.138	0.25	0.006	0.003	99.98	0.86
AIR18-002	AIR18-002-028	82	84	2	AIR18-002-028	37.7	<0.001	0.008	3.94	0.158	0.28	0.006	0.002	100.05	2.94
AIR18-002	AIR18-002-029	84	86	2	AIR18-002-029	37.9	0.001	0.009	4.05	0.165	0.29	0.007	0.005	102.95	1.64
AIR18-002	AIR18-002-030	86	88	2	AIR18-002-030	39.2	<0.001	0.016	3.57	0.152	0.27	0.012	0.006	100.05	1.08
AIR18-002	AIR18-002-031	88	90	2	AIR18-002-031	27.1	<0.001	0.003	7.11	0.415	0.74	0.017	0.001	99.97	-0.84
AIR18-002	AIR18-002-032	90	92	2	AIR18-002-032	29.9	<0.001	0.004	6.41	0.403	0.72	0.016	0.003	99.99	-0.75
AIR18-002	AIR18-002-033	92	94	2	AIR18-002-033	23.2	0.001	0.004	8.31	0.538	0.96	0.02	0.003	100	-1.38
AIR18-002	AIR18-002-034	94	96	2	AIR18-002-034	30.6	<0.001	0.003	5.79	0.490	0.71	0.013	<0.0		



Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n SiO2	ME-XRF21n Sn	ME-XRF21n Sr	ME-XRF21n TiO2	ME-XRF21n V	ME-XRF21n V2O5	ME-XRF21n Zn	ME-XRF21n Zr	ME-XRF21n Total	OA-GRA05x LOI 1000
AIR18-003	AIR18-003-001	5	7	2	AIR18-003-001	52.8	<0.002	0.005	1.24	0.030	0.05	0.003	0.007	99.99	0.75
AIR18-003	AIR18-003-002	7	9	2	AIR18-003-002	52.2	0.003	0.005	1.19	0.035	0.06	0.003	0.01	99.97	0.25
AIR18-003	AIR18-003-004	9	11	2	AIR18-003-004	53.5	0.001	0.006	1.24	0.031	0.06	0.002	0.009	99.95	0.44
AIR18-003	AIR18-003-005	11	13	2	AIR18-003-005	52.9	<0.001	0.003	1.16	0.028	0.05	0.002	0.007	99.98	0.41
AIR18-003	AIR18-003-006	13	15	2	AIR18-003-006	52.9	<0.001	0.004	1.23	0.030	0.05	0.002	0.007	100	0.36
AIR18-003	AIR18-003-007	15	17	2	AIR18-003-007	53	0.001	0.004	1.12	0.029	0.05	0.002	0.007	100.05	0.39
AIR18-003	AIR18-003-009	17	19	2	AIR18-003-009	52.9	<0.001	0.007	1.15	0.029	0.05	0.002	0.013	99.97	0.55
AIR18-003	AIR18-003-010	19	21	2	AIR18-003-010	53.1	0.002	0.007	1.19	0.031	0.06	0.002	0.012	100.05	0.52
AIR18-003	AIR18-003-012	21	22	1	AIR18-003-012	53.9	0.002	0.006	1.08	0.027	0.05	0.002	0.007	100	0.97
AIR18-003	AIR18-003-013	22	24	2	AIR18-003-013	53.6	0.001	0.008	1.16	0.028	0.05	0.002	0.008	100.05	0.41
AIR18-003	AIR18-003-014	24	26	2	AIR18-003-014	41.3	0.002	0.008	0.85	0.022	0.04	0.003	0.009	103.4	1.34
AIR18-003	AIR18-003-015	26	28	2	AIR18-003-015	52.3	<0.001	0.007	1.16	0.031	0.06	0.003	0.01	100	0.26
AIR18-003	AIR18-003-016	28	30	2	AIR18-003-016	52.7	<0.001	0.005	1.11	0.031	0.06	0.002	0.007	100.05	0.5
AIR18-003	AIR18-003-017	30	32	2	AIR18-003-017	52.7	0.002	0.005	1.12	0.029	0.05	0.002	0.007	99.99	1.62
AIR18-003	AIR18-003-018	32	34	2	AIR18-003-018	51.7	0.001	0.008	1.09	0.029	0.05	0.002	0.009	100.05	2.48
AIR18-003	AIR18-003-019	34	36	2	AIR18-003-019	52.1	0.001	0.008	1.1	0.030	0.05	0.002	0.008	99.97	1.42
AIR18-003	AIR18-003-020	36	38	2	AIR18-003-020	40.7	<0.001	0.007	3.32	0.085	0.15	0.006	0.006	99.97	0.42
AIR18-003	AIR18-003-022	38	40	2	AIR18-003-022	35.2	0.003	0.005	4.62	0.122	0.22	0.008	0.008	99.96	0.06
AIR18-003	AIR18-003-024	40	42	2	AIR18-003-024	37.5	<0.001	0.006	4.08	0.110	0.20	0.008	0.004	100	-0.13
AIR18-003	AIR18-003-025	42	44	2	AIR18-003-025	37	0.001	0.005	4.2	0.116	0.21	0.008	0.004	99.98	-0.5
AIR18-003	AIR18-003-027	44	46	2	AIR18-003-027	39.5	<0.001	0.008	3.52	0.108	0.19	0.007	0.007	99.97	-0.48
AIR18-003	AIR18-003-028	46	48	2	AIR18-003-028	38.3	0.002	0.008	4.11	0.132	0.23	0.008	0.005	99.98	-0.45
AIR18-003	AIR18-003-029	48	50	2	AIR18-003-029	40.7	0.001	0.008	3.65	0.126	0.22	0.007	0.005	100.05	-0.38
AIR18-003	AIR18-003-030	50	52	2	AIR18-003-030	41.8	<0.001	0.008	3.33	0.124	0.22	0.006	0.005	100	-0.2
AIR18-003	AIR18-003-031	52	54	2	AIR18-003-031	40	<0.001	0.009	3.52	0.182	0.29	0.01	0.008	100.05	-0.21
AIR18-003	AIR18-003-032	54	56	2	AIR18-003-032	29.8	0.001	0.007	7.06	0.334	0.59	0.01	0.005	99.95	-1.1
AIR18-003	AIR18-003-034	56	58	2	AIR18-003-034	29.9	<0.001	0.004	7.1	0.344	0.61	0.009	0.004	99.97	-1.1
AIR18-003	AIR18-003-036	58	60	2	AIR18-003-036	38	0.001	0.008	4.26	0.138	0.25	0.008	0.006	101.4	0.24
AIR18-003	AIR18-003-037	60	62	2	AIR18-003-037	36.7	0.002	0.007	4.15	0.115	0.20	0.008	0.004	99.95	0.08
AIR18-003	AIR18-003-038	62	64	2	AIR18-003-038	37.9	0.002	0.008	4.36	0.118	0.21	0.007	0.006	100	-0.61
AIR18-003	AIR18-003-039	64	66	2	AIR18-003-039	36.6	0.002	0.008	4.36	0.102	0.27	0.006	0.005	100.05	-0.43
AIR18-003	AIR18-003-040	66	68	2	AIR18-003-040	36.6	0.001	0.007	5.29	0.206	0.37	0.008	0.005	99.99	-0.65
AIR18-003	AIR18-003-042	68	70	2	AIR18-003-042	35.9	<0.001	0.008	5.34	0.217	0.39	0.006	0.005	100.05	-0.46
AIR18-003	AIR18-003-043	70	72	2	AIR18-003-043	36.1	<0.001	0.008	5.25	0.210	0.37	0.006	0.006	99.96	-0.58
AIR18-003	AIR18-003-044	72	74	2	AIR18-003-044	40.2	0.002	0.009	3.79	0.154	0.27	0.01	0.008	99.98	-0.51
AIR18-003	AIR18-003-045	74	76	2	AIR18-003-045	38.2	0.001	0.008	4.54	0.187	0.35	0.01	0.005	100.05	-0.61
AIR18-003	AIR18-003-046	76	78	2	AIR18-003-046	31.5	<0.001	0.006	6.55	0.306	0.54	0.011	0.006	100	-1.05
AIR18-003	AIR18-003-047	78	80	2	AIR18-003-047	29	0.002	0.006	6.59	0.424	0.75	0.011	0.005	100	-1.37
AIR18-003	AIR18-003-048	80	82	2	AIR18-003-048	27.9	<0.001	0.004	6.55	0.454	0.81	0.011	0.005	100	-1.35
AIR18-003	AIR18-003-049	82	84	2	AIR18-003-049	27.9	0.001	0.004	6.55	0.417	0.75	0.011	0.005	99.98	-0.4
AIR18-003	AIR18-003-050	84	86	2	AIR18-003-050	37.4	0.002	0.008	3.55	0.284	0.51	0.008	0.004	99.99	-0.5
AIR18-003	AIR18-003-051	86	88	2	AIR18-003-051	40.6	<0.001	0.008	2.74	0.221	0.39	0.007	0.005	100	-0.01
AIR18-003	AIR18-003-052	88	90	2	AIR18-003-052	32.6	0.001	0.008	4.55	0.394	0.70	0.009	0.006	100	-0.84
AIR18-003	AIR18-003-053	90	92	2	AIR18-003-053	30.3	<0.001	0.006	5.09	0.444	0.79	0.01	0.003	100.05	-1.05
AIR18-003	AIR18-003-054	92	94	2	AIR18-003-054	34.1	0.001	0.008	4.2	0.359	0.64	0.007	0.005	100	-0.59
AIR18-003	AIR18-003-055	94	96	2	AIR18-003-055	49.7	0.001	0.011	0.87	0.031	0.06	0.003	0.007	100.05	1.59
AIR18-003	AIR18-003-056	96	98	2	AIR18-003-056	48.7	<0.001	0.012	1.13	0.049	0.09	0.005	0.007	100	0.44
AIR18-004	AIR18-004-001	1.9	3	1.1	AIR18-004-001	48.3	<0.001	0.012	1.07	0.038	0.07	0.005	0.004	99.98	0.5
AIR18-004	AIR18-004-002	3	5	2	AIR18-004-002	47.8	<0.001	0.014	1.06	0.035	0.06	0.005	0.006	100	0.64
AIR18-004	AIR18-004-003	5	7	2	AIR18-004-003	48	<0.001	0.014	1.02	0.030	0.05	0.005	0.006	102.2	0.82
AIR18-004	AIR18-004-004	7	9	2	AIR18-004-004	48.8	<0.001	0.014	0.55	0.024	0.04	0.003	0.002	102.5	0.84
AIR18-004	AIR18-004-005	9	11	2	AIR18-004-005	49.5	<0.001	0.014	0.57	0.029	0.05	0.004	0.004	100	0.52
AIR18-004	AIR18-004-006	11	12	1	AIR18-004-006	48.9	<0.001	0.018	1.10	0.035	0.06	0.004	0.004	99.95	0.43
AIR18-004	AIR18-004-007	12	14	2	AIR18-004-007	49.1	0.001	0.014	1.28	0.043	0.08	0.003	0.005	100.05	0.43
AIR18-004	AIR18-004-008	14	16	2	AIR18-004-008	48.1	<0.001	0.011	1.46	0.065	0.12	0.004	0.004	100	0.3
AIR18-004	AIR18-004-009	16	18	2	AIR18-004-009	46.9	0.001	0.014	1.80	0.078	0.14	0.004	0.007	99.99	0.64
AIR18-004	AIR18-004-011	18	20	2	AIR18-004-011	48.2	<0.001	0.012	1.57	0.077	0.14	0.003	0.007	100	0.23
AIR18-004	AIR18-004-012	20	22	2	AIR18-004-012	47	<0.001	0.013	1.10	0.071	0.13	0.003	0.007	99.97	0.3
AIR18-004	AIR18-004-013	22	24	2	AIR18-004-013	47.7	<0.001	0.011	1.94	0.045	0.08	0.004	0.007	99.99	0.11
AIR18-004	AIR18-004-014	24	28	4	AIR18-004-014	44.5	<0.001	0.008	2.38	0.045	0.08	0.006	0.008	100	-0.14
AIR18-004	AIR18-004-015	28	30	2	AIR18-004-015	43.1	<0.001	0.007	2.75	0.055	0.12	0.007	0.006	99.99	-0.11
AIR18-004	AIR18-004-016	30	32	2	AIR18-004-016	43.8	<0.001	0.007	2.78	0.063	0.11	0.005	0.004	99.97	-0.28
AIR18-004	AIR18-004-017	32	34	2	AIR18-004-017	44.3	<0.001	0.009	2.55	0.056	0.10	0.004	0.006	100	0.8
AIR18-004	AIR18-004-018	34	35	1	AIR18-004-018	43.2	<0.001	0.008	3.15	0.058	0.10	0.004	0.007	100	0.78
AIR18-004	AIR18-004-019	35	36	1	AIR18-004-019	42	<0.001	0.013	1.40	0.017	0.03	0.004	0.017	102.15	0.99
AIR18-004	AIR18-004-021	36	38	2	AIR18-004-021	48.9	<0.001	0.009	1.51	0.093	0.01	0.003	0.013	103	0.78
AIR18-004	AIR18-004-022	38	40	2	AIR18-004-022	48.8	<0.001	0.011	1.03	0.002	0.01	0.004	0.013	102.9	-0.02
AIR18-004	AIR18-004-023	40	42	2	AIR18-004-023	47.7	0.002	0.008	1.62	0.007	0.01	0.004	0.011	100.05	0.04
AIR18-004	AIR18-004-024	42	44	2	AIR18-004-024	49.7	<0.001	0.01	1.74	0.011	0.02	0.003	0.016	99.99	0.73
AIR18-004	AIR18-004-025	44	46	2	AIR18-004-025	49.2	<0.001	0.009	1.64	0.007	0.01	0.004	0.018	99.98	-0.13
AIR18-004	AIR18-004-026	46	48	2	AIR18-004-026	50.4	<0.001	0.01	1.56	0.006	0.01	0.003	0.017	99.98	-0.27
AIR18-004	AIR18-004-027	48	50	2	AIR18-004-027	50.4	<0.001	0.009	1.64	0.014	0.02	0.003	0.014	99.99	-0.33
AIR18-004	AIR18-004-028	50	52	2	AIR18-004-028	47.5	<0.001	0.01	1.86	0.027	0.05	0.005	0.004	99.99	-0.29
AIR18-004	AIR18-004-029	52	54	2	AIR18-004-029	44.9	<0.001	0.008							

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n SiO2 %	ME-XRF21n Sn %	ME-XRF21n Sr %	ME-XRF21n TiO2 %	ME-XRF21n V %	ME-XRF21n V2O5 %	ME-XRF21n Zn %	ME-XRF21n Zr %	ME-XRF21n Total %	OA-GRA05x LOI 1000 %
AIR18-004	AIR18-004-039	68	70	2	AIR18-004-039	43.2	<0.001	0.009	2.83	0.057	0.10	0.004	0.005	100	-0.3
AIR18-004	AIR18-004-041	70	71	1	AIR18-004-041	42.9	<0.001	0.008	2.98	0.065	0.12	0.005	0.005	99.96	-0.36
AIR18-004	AIR18-004-042	71	73	2	AIR18-004-042	42.7	<0.001	0.008	3.00	0.066	0.12	0.005	0.006	100.05	-0.59
AIR18-004	AIR18-004-043	73	74	1	AIR18-004-043	42.1	<0.001	0.008	3.06	0.066	0.13	0.008	0.005	99.99	-0.59
AIR18-004	AIR18-004-044	75	76	1	AIR18-004-044	39.6	<0.001	0.007	3.61	0.084	0.15	0.006	0.005	99.98	-0.35
AIR18-004	AIR18-004-045	76	78	2	AIR18-004-045	39.1	<0.001	0.005	3.94	0.094	0.17	0.007	0.006	99.98	-0.51
AIR18-004	AIR18-004-046	78	80	2	AIR18-004-046	37.9	0.002	0.007	4.06	0.102	0.18	0.013	0.006	100.05	-0.93
AIR18-004	AIR18-004-047	80	82	2	AIR18-004-047	37.1	<0.001	0.003	4.19	0.109	0.19	0.009	0.001	100	-1.09
AIR18-004	AIR18-004-048	82	84	2	AIR18-004-048	36.3	<0.001	0.004	4.37	0.118	0.21	0.007	0.003	99.99	-0.89
AIR18-004	AIR18-004-049	84	86	2	AIR18-004-049	35.2	0.001	0.005	4.77	0.132	0.23	0.011	0.004	100	-1.34
AIR18-004	AIR18-004-051	86	88	2	AIR18-004-051	34.1	0.001	0.005	4.81	0.134	0.24	0.012	0.004	100	-0.53
AIR18-004	AIR18-004-052	88	90	2	AIR18-004-052	36.4	<0.001	0.007	4.31	0.124	0.22	0.012	0.004	100	-0.73
AIR18-004	AIR18-004-053	90	92	2	AIR18-004-053	33.9	<0.001	0.008	4.64	0.136	0.24	0.012	0.004	99.99	-1.19
AIR18-004	AIR18-004-054	92	94	2	AIR18-004-054	36.8	0.001	0.006	4.50	0.132	0.23	0.017	0.003	100	-0.93
AIR18-004	AIR18-004-055	94	96	2	AIR18-004-055	33.4	<0.001	0.004	5.40	0.166	0.30	0.019	0.003	99.98	-1.26
AIR18-004	AIR18-004-056	96	98	2	AIR18-004-056	38.3	<0.001	0.005	4.23	0.133	0.24	0.011	0.001	100	-0.86
AIR18-004	AIR18-004-057	98	100	2	AIR18-004-057	34.9	<0.001	0.005	5.36	0.231	0.41	0.01	0.001	99.99	-0.7
AIR18-004	AIR18-004-058	100	101	1	AIR18-004-058	26.9	<0.001	0.003	7.99	0.402	0.72	0.01	0.002	100	-1.14
AIR18-004	AIR18-004-059	101	102	1	AIR18-004-059	33.6	<0.001	0.007	4.94	0.236	0.42	0.008	0.003	104.85	1.34
AIR18-004	AIR18-004-061	102	104	2	AIR18-004-061	50.2	<0.001	0.011	1.42	0.038	0.07	0.002	0.008	100	1.12
AIR18-004	AIR18-004-062	210	212	2	AIR18-004-062	50.4	<0.001	0.003	1.16	0.035	0.06	0.014	0.01	99.96	0.29
AIR18-004	AIR18-004-063	212	214	2	AIR18-004-063	51.3	<0.001	0.008	0.11	0.008	0.05	0.011	0.01	99.97	0.78
AIR18-004	AIR18-004-064	213.4	214	0.6	AIR18-004-064	48.6	<0.001	0.011	1.06	0.026	0.05	0.009	0.007	102.3	1.1
AIR18-004	AIR18-004-065	214.3	215	0.7	AIR18-004-065	47.9	<0.001	0.008	0.80	0.026	0.05	0.01	0.002	103.4	1.58
AIR18-004	AIR18-004-066	216.2	217	0.8	AIR18-004-066	43.6	<0.001	0.009	0.77	0.027	0.05	0.005	0.002	102.35	2.02
AIR18-004	AIR18-004-067	217	217.54	0.54	AIR18-004-067	45.7	<0.001	0.011	0.91	0.026	0.05	0.003	0.005	100	3.24
AIR18-004	AIR18-004-068	217.54	218	0.46	AIR18-004-068	47.3	0.002	0.02	0.93	0.030	0.05	0.003	0.007	100.05	0.73
AIR18-004	AIR18-004-069	218	218.85	0.85	AIR18-004-069	44.9	<0.001	0.013	1.07	0.031	0.06	0.003	0.004	100	1.83
AIR18-004	AIR18-004-070	220.9	222.4	1.5	AIR18-004-070	46.7	<0.001	0.017	0.97	0.029	0.05	0.003	0.004	100	1.92
AIR18-004	AIR18-004-072	223.9	225.1	1.2	AIR18-004-072	46.9	<0.001	0.019	1.06	0.032	0.06	0.003	0.007	99.96	1.12
AIR18-004	AIR18-004-073	225.4	226	0.6	AIR18-004-073	47.6	<0.001	0.019	1.12	0.034	0.06	0.003	0.007	100	2.37
AIR18-004	AIR18-004-074	228	228	0	AIR18-004-074	47.6	<0.001	0.015	1.08	0.034	0.06	0.002	0.007	98.98	2.37
AIR18-004	AIR18-004-075	228	230	2	AIR18-004-075	42.3	<0.001	0.012	1.06	0.027	0.05	0.002	0.007	106.3	2.72
AIR18-004	AIR18-004-076	230	231	1	AIR18-004-076	44.7	<0.001	0.012	1.04	0.031	0.06	0.002	0.007	102.95	1.22
AIR18-004	AIR18-004-077	231	232	1	AIR18-004-077	7.85	0.005	0.003	0.19	0.025	0.04	0.006	<0.001	>110	1.9
AIR18-004	AIR18-004-079	232	234	2	AIR18-004-079	41.1	<0.001	0.011	0.74	0.024	0.04	0.003	0.007	104.35	1.18
AIR18-004	AIR18-004-080	234	236	2	AIR18-004-080	43	<0.001	0.014	0.83	0.026	0.05	0.002	0.006	102.25	1.08
AIR18-004	AIR18-004-081	236	238	2	AIR18-004-081	45.1	<0.001	0.015	0.90	0.028	0.05	0.002	0.007	100	1.37
AIR18-004	AIR18-004-082	238	240	2	AIR18-004-082	43.8	<0.001	0.015	0.89	0.026	0.05	0.002	0.006	99.99	3.54
AIR18-004	AIR18-004-083	240	241	1	AIR18-004-083	43.0	<0.001	0.015	0.86	0.026	0.05	0.002	0.005	100.05	1.8
AIR18-004	AIR18-004-085	241	243	2	AIR18-004-085	46.3	<0.001	0.015	0.95	0.029	0.05	0.002	0.004	100	1.62
AIR18-006	AIR18-006-001	6	8	2	AIR18-006-001	50.5	<0.001	0.007	0.82	0.028	0.05	0.004	0.007	99.92	0.96
AIR18-006	AIR18-006-002	8	10	2	AIR18-006-002	40	<0.001	0.007	3.95	0.130	0.23	0.004	0.004	99.96	-0.19
AIR18-006	AIR18-006-003	10	12	2	AIR18-006-003	37.7	<0.001	0.007	4.7	0.158	0.28	0.006	0.004	99.96	-0.44
AIR18-006	AIR18-006-004	12	14	2	AIR18-006-004	40.1	<0.001	0.009	3.88	0.130	0.23	0.008	0.006	100	-0.32
AIR18-006	AIR18-006-005	14	16	2	AIR18-006-005	39.7	<0.001	0.008	4.07	0.138	0.25	0.008	0.004	100.05	-0.43
AIR18-006	AIR18-006-006	16	18	2	AIR18-006-006	39.2	<0.001	0.008	4.1	0.135	0.24	0.007	0.004	99.96	-0.33
AIR18-006	AIR18-006-007	18	20	2	AIR18-006-007	39.9	<0.001	0.008	3.86	0.134	0.24	0.008	0.005	100	-0.19
AIR18-006	AIR18-006-008	20	22	2	AIR18-006-008	40.1	<0.001	0.01	3.85	0.136	0.24	0.008	0.004	100.05	-0.18
AIR18-006	AIR18-006-009	22	24	2	AIR18-006-009	40.7	0.001	0.009	3.78	0.132	0.23	0.008	0.006	100	-0.18
AIR18-006	AIR18-006-011	24	26	2	AIR18-006-011	39.8	<0.001	0.008	4	0.142	0.25	0.006	0.004	100	-0.32
AIR18-006	AIR18-006-012	26	28	2	AIR18-006-012	39.7	<0.001	0.009	3.96	0.143	0.25	0.006	0.006	99.98	-0.5
AIR18-006	AIR18-006-013	28	30	2	AIR18-006-013	39.2	<0.001	0.008	4.03	0.158	0.28	0.006	0.003	99.99	-0.33
AIR18-006	AIR18-006-014	30	32	2	AIR18-006-014	38.4	0.001	0.008	4.35	0.172	0.31	0.007	0.002	100	-0.46
AIR18-006	AIR18-006-015	32	34	2	AIR18-006-015	41.2	0.001	0.008	3.53	0.140	0.25	0.006	0.002	100	-0.15
AIR18-006	AIR18-006-016	34	36	2	AIR18-006-016	38.9	<0.001	0.008	4.33	0.166	0.30	0.007	0.004	99.95	-0.45
AIR18-006	AIR18-006-017	36	37	1	AIR18-006-017	45.8	<0.001	0.008	3.22	0.122	0.22	0.006	0.006	100	-0.11
AIR18-006	AIR18-006-018	37	38	1	AIR18-006-018	41.6	<0.001	0.008	3.52	0.132	0.23	0.006	0.004	99.98	-0.39
AIR18-006	AIR18-006-019	38	41	3	AIR18-006-019	41.3	<0.001	0.008	3.42	0.128	0.23	0.007	0.004	99.98	0.51
AIR18-006	AIR18-006-021	41	43	2	AIR18-006-021	38.7	0.003	0.008	4.09	0.158	0.28	0.008	0.004	100.05	0.14
AIR18-006	AIR18-006-022	43	44	1	AIR18-006-022	38.5	<0.001	0.008	4.34	0.164	0.29	0.008	0.004	99.98	-0.34
AIR18-006	AIR18-006-023	44	46	2	AIR18-006-023	39.4	<0.001	0.008	4.11	0.156	0.28	0.008	0.005	100	-0.41
AIR18-006	AIR18-006-024	46	47	1	AIR18-006-024	38.5	<0.001	0.007	4.33	0.165	0.29	0.008	0.005	99.98	-0.55
AIR18-006	AIR18-006-025	47	49	2	AIR18-006-025	40.2	<0.001	0.008	3.88	0.148	0.26	0.008	0.004	100.05	-0.25
AIR18-006	AIR18-006-026	49	51	2	AIR18-006-026	40.1	0.001	0.008	3.87	0.152	0.27	0.008	0.006	100	-0.39
AIR18-006	AIR18-006-027	51	53	2	AIR18-006-027	39.3	<0.001	0.007	4.5	0.178	0.32	0.008	0.004	100.05	-0.49
AIR18-006	AIR18-006-028	53	55	2	AIR18-006-028	38.6	<0.001	0.007	4.1	0.168	0.27	0.007	0.004	100	-0.52
AIR18-006	AIR18-006-029	55	57	2	AIR18-006-029	39.6	<0.001	0.01	3.75	0.150	0.27	0.008	0.006	99.99	-0.19
AIR18-006	AIR18-006-031	57	59	2	AIR18-006-031	39.9	<0.001	0.008	3.88	0.182	0.27	0.007	0.005	100	-0.21
AIR18-006	AIR18-006-032	59	61	2	AIR18-006-032	40.4	<0.001	0.009	3.83	0.162	0.27	0.007	0.004	99.98	-0.34
AIR18-006	AIR18-006-033	61	63	2	AIR18-006-033	40.1	<0.001	0.006	3.9	0.166	0.30	0.007	0.002	100.05	-0.41
AIR18-006	AIR18-006-034	63	65	2	AIR18-006-034	39.3	<0.001	0.008	4.12	0.178	0.32	0.007	0.004	100	-0.46
AIR18-006	AIR18-006-035	65	67	2	AIR18-006-035	38.6	<0.001	0.008							

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n SiO2 %	ME-XRF21n Sn %	ME-XRF21n Sr %	ME-XRF21n TiO2 %	ME-XRF21n V %	ME-XRF21n V2O5 %	ME-XRF21n Zn %	ME-XRF21n Zr %	ME-XRF21n Total %	OA-GRA05x LOI 1000 %
AIR18-006	AIR18-006-046	85	87	2	AIR18-006-046	33.1	<0.001	0.007	6.23	0.294	0.52	0.006	0.003	100.05	-1.02
AIR18-006	AIR18-006-047	87	88	1	AIR18-006-047	32.8	<0.001	0.007	6.69	0.317	0.56	0.004	0.004	100	-1.04
AIR18-006	AIR18-006-048	88	89	1	AIR18-006-048	36.6	<0.001	0.006	7.07	0.336	0.50	0.004	0.005	99.98	0.18
AIR18-006	AIR18-006-049	89	90	1	AIR18-006-049	39.1	<0.001	0.006	6.47	0.307	0.43	0.005	0.004	100	-0.82
AIR18-006	AIR18-006-051	91	92	1	AIR18-006-051	32.3	0.002	0.006	6.26	0.301	0.54	0.005	0.004	100	-0.94
AIR18-006	AIR18-006-052	92	94	2	AIR18-006-052	29.4	<0.001	0.005	7.14	0.346	0.62	0.006	0.004	99.97	-1.18
AIR18-006	AIR18-006-053	94	96	2	AIR18-006-053	35.9	<0.001	0.005	5.08	0.245	0.44	0.005	0.003	100	-0.69
AIR18-006	AIR18-006-054	96	98	2	AIR18-006-054	33.6	<0.001	0.006	5.77	0.285	0.51	0.006	0.005	100.05	-0.95
AIR18-006	AIR18-006-055	98	100	2	AIR18-006-055	33.8	0.001	0.004	5.72	0.292	0.52	0.006	<0.001	99.97	-0.88
AIR18-006	AIR18-006-056	100	102	2	AIR18-006-056	31.8	<0.001	0.006	6.37	0.318	0.57	0.006	0.004	100.05	-0.92
AIR18-006	AIR18-006-057	102	104	2	AIR18-006-057	34.5	<0.001	0.005	5.46	0.271	0.48	0.008	0.003	99.99	-0.75
AIR18-006	AIR18-006-058	104	106	2	AIR18-006-058	30.4	0.002	0.006	6.66	0.346	0.62	0.013	0.002	100	-1.06
AIR18-006	AIR18-006-060	106	107	1	AIR18-006-060	39.4	<0.001	0.006	5.18	0.259	0.45	0.011	0.004	100	-0.74
AIR18-006	AIR18-006-061	107	109	2	AIR18-006-061	33.4	<0.001	0.006	5.76	0.293	0.52	0.01	0.002	99.96	-0.94
AIR18-006	AIR18-006-062	109	111	2	AIR18-006-062	37	<0.001	0.007	4.64	0.237	0.42	0.008	0.004	100	-0.59
AIR18-006	AIR18-006-063	111	113	2	AIR18-006-063	35.2	<0.001	0.005	5.21	0.270	0.48	0.007	0.002	99.97	-0.81
AIR18-006	AIR18-006-064	113	115	2	AIR18-006-064	37	<0.001	0.006	4.7	0.241	0.43	0.006	0.003	99.96	-0.61
AIR18-006	AIR18-006-065	115	117	2	AIR18-006-065	34	<0.001	0.007	5.61	0.288	0.51	0.008	0.003	99.95	-0.86
AIR18-006	AIR18-006-066	117	119	2	AIR18-006-066	31.7	<0.001	0.003	6.35	0.329	0.59	0.008	0.004	100	-0.88
AIR18-006	AIR18-006-067	119	121	2	AIR18-006-067	31	0.001	0.006	6.44	0.340	0.61	0.008	0.004	100	-0.96
AIR18-006	AIR18-006-068	121	122	1	AIR18-006-068	33.5	<0.001	0.005	5.65	0.304	0.53	0.009	0.002	100	-0.68
AIR18-006	AIR18-006-069	122	124	2	AIR18-006-069	33.9	<0.001	0.007	3.295	0.305	0.39	0.009	0.004	100.05	-0.76
AIR18-006	AIR18-006-070	124	126	2	AIR18-006-070	33.9	<0.001	0.005	5.35	0.302	0.54	0.007	0.003	99.97	-0.75
AIR18-006	AIR18-006-071	126	127	1	AIR18-006-071	37.4	<0.001	0.007	4.48	0.250	0.45	0.007	0.004	100	-0.6
AIR18-006	AIR18-006-072	127	129	2	AIR18-006-072	36.1	0.001	0.008	4.2	0.280	0.50	0.005	0.002	100	-0.53
AIR18-006	AIR18-006-073	129	131	2	AIR18-006-073	36.7	<0.001	0.007	4.64	0.259	0.46	0.006	0.003	100	-0.59
AIR18-006	AIR18-006-074	131	133	2	AIR18-006-074	33.1	0.001	0.007	5.67	0.324	0.58	0.007	0.004	99.98	-0.88
AIR18-006	AIR18-006-075	133	134	1	AIR18-006-075	40.2	0.002	0.008	3.54	0.210	0.37	0.006	0.003	99.99	-0.27
AIR18-006	AIR18-006-077	134	135	1	AIR18-006-077	35.2	0.001	0.008	5.06	0.292	0.52	0.007	0.004	100	-0.61
AIR18-006	AIR18-006-078	135	137	2	AIR18-006-078	38.7	0.003	0.01	3.95	0.237	0.42	0.009	0.004	99.99	-0.31
AIR18-006	AIR18-006-079	137	139	2	AIR18-006-079	36.7	<0.001	0.008	3.9	0.217	0.39	0.007	<0.001	99.98	-0.29
AIR18-006	AIR18-006-080	139	141	2	AIR18-006-080	36.7	<0.001	0.008	4.61	0.268	0.48	0.007	0.002	99.96	-0.46
AIR18-006	AIR18-006-081	141	143	2	AIR18-006-081	33.3	0.001	0.006	5.73	0.345	0.61	0.007	0.001	99.98	-0.45
AIR18-006	AIR18-006-082	143	144	1	AIR18-006-082	30	<0.001	0.007	5.89	0.348	0.62	0.009	0.003	106.45	0.12
AIR18-006	AIR18-006-083	144	146	2	AIR18-006-083	30.8	<0.001	0.006	6.27	0.369	0.66	0.007	0.003	100.05	-0.94
AIR18-006	AIR18-006-084	146	147	1	AIR18-006-084	25.1	0.001	0.005	7.88	0.477	0.85	0.007	0.003	100	-1.28
AIR18-006	AIR18-006-085	147	149	2	AIR18-006-085	30.9	<0.001	0.005	6.07	0.384	0.68	0.006	<0.001	100	-0.81
AIR18-006	AIR18-006-086	149	150	1	AIR18-006-086	36.3	<0.001	0.008	4.3	0.267	0.48	0.006	0.001	100	-0.12
AIR18-006	AIR18-006-088	150	151	1	AIR18-006-088	31.2	<0.001	0.008	5.84	0.363	0.55	0.006	0.005	99.99	-0.72
AIR18-006	AIR18-006-089	151	152	1	AIR18-006-089	35.2	<0.001	0.008	3.8	0.211	0.31	0.005	0.004	99.97	-0.3
AIR18-006	AIR18-006-090	152	154	2	AIR18-006-090	37.6	0.001	0.01	4.34	0.268	0.48	0.006	0.004	100.05	-0.25
AIR18-006	AIR18-006-091	154	155	1	AIR18-006-091	36.9	<0.001	0.012	4.22	0.267	0.48	0.006	0.004	101.2	-0.2
AIR18-006	AIR18-006-092	155	157	2	AIR18-006-092	40.7	<0.001	0.009	3.65	0.246	0.44	0.006	0.004	99.98	0.02
AIR18-006	AIR18-006-093	157	159	2	AIR18-006-093	43.8	0.002	0.011	2.88	0.180	0.32	0.005	0.006	99.99	0.84
AIR18-006	AIR18-006-094	159	161	2	AIR18-006-094	40.4	0.001	0.007	3.19	0.200	0.36	0.006	0.004	99.95	0.8
AIR18-006	AIR18-006-095	161	163	2	AIR18-006-095	35.8	<0.001	0.008	4.1	0.258	0.46	0.006	0.004	100.05	2.87
AIR18-006	AIR18-006-096	163	164	1	AIR18-006-096	37.1	0.002	0.01	3.95	0.250	0.45	0.007	0.005	100	1.78
AIR18-006	AIR18-006-097	164	165	1	AIR18-006-097	37.3	<0.001	0.008	4.2	0.266	0.47	0.006	0.001	100	-0.14
AIR18-006	AIR18-006-099	165	167	2	AIR18-006-099	35.9	0.001	0.008	4.45	0.281	0.50	0.007	0.004	100	0.36
AIR18-006	AIR18-006-100	167	169	2	AIR18-006-100	38.2	0.003	0.008	3.87	0.236	0.46	0.008	0.001	99.99	0.13
AIR18-006	AIR18-006-101	169	170	1	AIR18-006-101	36.5	<0.001	0.008	4.38	0.279	0.50	0.008	0.003	100	-0.22
AIR18-006	AIR18-006-102	170	172	2	AIR18-006-102	31.8	0.002	0.006	5.64	0.363	0.65	0.009	0.004	100.05	0.27
AIR18-006	AIR18-006-103	172	173	1	AIR18-006-103	38.1	<0.001	0.006	3.93	0.249	0.44	0.007	<0.001	99.96	0.17
AIR18-006	AIR18-006-104	173	175	2	AIR18-006-104	33.2	<0.001	0.008	5.28	0.342	0.61	0.009	0.004	100.05	-0.58
AIR18-006	AIR18-006-105	175	177	2	AIR18-006-105	36.1	<0.001	0.008	4.4	0.284	0.51	0.008	0.004	99.97	-0.21
AIR18-006	AIR18-006-106	177	179	2	AIR18-006-106	39.3	<0.001	0.008	3.77	0.248	0.44	0.007	0.003	100.05	-0.05
AIR18-006	AIR18-006-107	179	181	2	AIR18-006-107	37	<0.001	0.01	3.72	0.246	0.44	0.007	0.003	99.96	2.62
AIR18-006	AIR18-006-108	181	183	2	AIR18-006-108	37.7	<0.001	0.012	3.69	0.248	0.44	0.006	0.004	99.95	1.24
AIR18-006	AIR18-006-109	183	185	2	AIR18-006-109	32.7	0.001	0.011	5.06	0.346	0.62	0.006	0.004	99.94	0.71
AIR18-006	AIR18-006-111	185	186	1	AIR18-006-111	35.1	0.003	0.011	4.06	0.277	0.49	0.006	0.002	99.99	0.84
AIR18-006	AIR18-006-112	186	187	1	AIR18-006-112	32.8	0.002	0.015	3.2	0.144	0.26	0.004	0.003	102.85	1.21
AIR18-006	AIR18-006-113	187	189	2	AIR18-006-113	39.5	<0.001	0.013	3.8	0.204	0.36	0.003	0.004	101.6	1.28
AIR18-006	AIR18-006-114	189	191	2	AIR18-006-114	34.7	<0.001	0.011	4.14	0.300	0.53	0.005	0.001	100.05	-0.08
AIR18-006	AIR18-006-115	191	192	1	AIR18-006-115	28.8	0.001	0.01	5.69	0.428	0.76	0.006	0.002	99.97	-0.34
AIR18-006	AIR18-006-116	192	193	1	AIR18-006-116	31.9	0.002	0.008	5.02	0.374	0.67	0.006	0.002	103.45	0.18
AIR18-006	AIR18-006-117	193	194	1	AIR18-006-117	25.2	0.002	0.006	7	0.525	0.93	0.007	<0.001	99.96	-0.68
AIR18-006	AIR18-006-118	194	196	2	AIR18-006-118	33.6	0.003	0.008	4.67	0.358	0.64	0.009	<0.001	99.98	-0.37
AIR18-006	AIR18-006-119	196	198	2	AIR18-006-119	35.3	<0.001	0.008	4.3	0.315	0.56	0.008	0.004	100	-0.25
AIR18-006	AIR18-006-120	198	200	2	AIR18-006-120	37.5	<0.001	0.009	3.67	0.269	0.48	0.009	0.004	99.98	-0.13
AIR18-006	AIR18-006-122	200	201	1	AIR18-006-122	34.3	<0.001	0.008	4.54	0.336	0.60	0.008	0.004	99.96	-0.55
AIR18-006	AIR18-006-123	201	203	2	AIR18-006-123	40.5	<0.001	0.008	2.96	0.219	0.39	0.006	0.003	99.93	0
AIR18-006	AIR18-006-124	203	204	1	AIR18-006-124	33.2	0.002	0.006	4.79	0.363	0.65	0.009	0.003	100.05	-0.66
AIR18-006	AIR18-006-125	204	205	1	AIR18-006-125	38.6	<0.0								

Hole ID	PUR Sample ID	From (m)	To (m)	Interval (m)	SAMPLE DESCRIPTION	ME-XRF21n SiO2 %	ME-XRF21n Sn %	ME-XRF21n Sr %	ME-XRF21n TiO2 %	ME-XRF21n V %	ME-XRF21n V2O5 %	ME-XRF21n Zn %	ME-XRF21n Zr %	ME-XRF21n Total %	OA-GRA05x LOI 1000 %
AIR18-006	AIR18-006-136	219	220	1	AIR18-006-136	41.8	0.001	0.008	2.52	0.203	0.36	0.006	0.003	99.98	-0.02
AIR18-006	AIR18-006-137	220	221.2	1.2	AIR18-006-137	44.4	0.002	0.011	1.98	0.154	0.27	0.005	0.004	100.05	0.07

**JORC 2012 TABLE 1**

**Section 1: Sampling Techniques and Data**

<b>Criteria</b>	<b>JORC Code explanation</b>	<b>Commentary</b>
<b>Sampling techniques</b>	<p><i>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.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>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 warrant disclosure of detailed information.</i></p>	<p><b>Drilling</b>  19 NQ2-sized (50.6mm core size-75.7 mm hole size) diamond core holes were drilled within the Airijoki Project (tenement NR100) area by Pursuit Minerals Limited between November 3<sup>rd</sup> and December 2<sup>nd</sup> 2018. In total, 2876.15m were drilled.</p> <p><b>Sampling</b>  The sampling of drill core was completed using mainly 1-2 metre sample intervals. The intervals of core selected for sampling were cut in half and sampled. Some sample intervals were slightly more or less than a 1 metre where a geological boundary was encountered. Some intervals were also selected for duplicate analysis and these intervals were then quarter cored and each quarter sampled separately. This methodology of sampling drill core is industry standard and deemed appropriate. To ensure sample representivity the same side of the core was always sampled.</p> <p><b>Analysis</b>  The drill core was sent to ALS laboratory in Pitea, Sweden where they were cut, sampled, 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<sub>2</sub>, SiO<sub>2</sub>, 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 was then analysed again using ME-XRF21 to measure the amount of vanadium within the magnetic concentrate.</p>
<b>Drilling techniques</b>	<p><i>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-</i></p>	<p>Drill holes were diamond core at NQ2 size and oriented using the DeviCore core orientation system.</p>



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	<i>sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	
<b>Drill sample recovery</b>	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p>	<p>The core recovery was measured against the drill hole depth and was found to be excellent (better than an average of 95% recovery). There does not appear to be any relationship between sample recovery and grade.</p>
<b>Logging</b>	<p><i>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.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<p>Quantitative geological and geotechnical information was recorded by Pursuit Minerals staff and contractors during the logging of the drill core. The geological and geotechnical information was recorded to a sufficient level to support Mineral Resource estimation, mining studies and metallurgical studies. The core was also photographed.</p> <p>The entire drill hole was logged.</p>

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<b>Sub-sampling techniques and sample preparation</b>	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled</i></p>	<p>The sampling of drill core was completed using mainly 1-2 metre sample intervals. The intervals of core selected for sampling were cut in half and sampled. Some sample intervals were slightly more or less than a 1 metre where a geological boundary was encountered. Some intervals were also selected for duplicate analysis and these intervals were then quarter cored and each quarter sampled separately. This methodology of sampling drill core is industry standard and deemed appropriate.</p> <p>To ensure sample representivity the same side of the core was always sampled.</p> <p>The sample sizes are considered to be more than appropriate for the grain size.</p>

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<b>Quality of assay data and laboratory tests</b>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>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.</i></p> <p><i>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.</i></p>	<p>Drill core samples were set to ALS laboratory in Pitea, Sweden were the 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<sub>2</sub>, SiO<sub>2</sub>, 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 analysis procedure is industry standard for vanadium, titanium enriched magnetite mineralisation and is deemed appropriate. ME-XRF21 is considered a total digestion.</p> <p>Standards and Blanks were inserted randomly within the routine samples at a rate of at least one of each, every 25 samples. Duplicates of the routine samples were also completed randomly at a rate of at least one every 25 samples. The assay results of all the QA/QC samples preformed within acceptable levels of accuracy and precision.</p>
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Significant intersections have been verified by independent contractors and alterative company personnel.
	<i>The use of twinned holes.</i>	Pursuit Minerals has not twinned any of the historical or recent drill holes.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	All drill logs, geotechnical data and sampling lists were captured on in to Microsoft Excel and then transferred into AcQuire, which is appropriate for this early stage of exploration. Data is then stored in an AcQuire database which has multiple backup procedures in place.
	<i>Discuss any adjustment to assay data.</i>	The analytical result for V was converted to V <sub>2</sub> O <sub>5</sub> by multiplying the V assay result by 1.78.
<b>Location of data points</b>	<i>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.</i>	The drill holes were positioned, and their coordinates verified post-drilling using a RTK-GPS (Real-time kinematic). RTK-GPS uses measurements of the phase of the signal's carrier wave in addition to the information content of the signal and relies on a single reference

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		station or interpolated virtual station to provide real-time corrections, providing up to centimetre-level accuracy. The accuracy and quality of this survey is deemed to be sufficient for the purposes of Mineral Resource estimation.
	<i>Specification of the grid system used.</i>	Datum: SWEREF 99TM (SWEdish REference Frame 1999, Transverse Mercator) is a projected coordinate system for specifying geographical positions in Sweden. The coordinate system is based on the geodesic date (or reference system) SWEREF 99 and uses the same map project as UTM Zone 33N, but extended to the entire width of Sweden.
	<i>Quality and adequacy of topographic control.</i>	The altitude and location of the diamond drill holes was determined by a RTK-GPS (Real-time kinematic). RTK-GPS uses measurements of the phase of the signal's carrier wave in addition to the information content of the signal and relies on a single reference station or interpolated virtual station to provide real-time corrections, providing up to centimetre-level accuracy. The accuracy and quality of this survey is deemed to be sufficient for the purposes of Mineral Resource estimation.
<b>Data spacing and distribution</b>	<i>Data spacing for reporting of Exploration Results.</i>	The drill hole spacing between 40-200m apart.
	<i>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.</i>	The data spacing is interpreted to be sufficient to allow for Mineral Resource estimation, however this will not be known for certain until a resource model is created and been reviewed by an external Competent Person.
	<i>Whether sample compositing has been applied.</i>	The samples were not composited.
<b>Orientation of data in relation to geological structure</b>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	The drill core samples were always take from the same side of the core and at a relatively high angle to the lithological layering, which is interpreted to be the major control on mineralisation. Therefore, it is interpreted that no sampling bias occurred.
	<i>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.</i>	The logging of the drill core suggests that the lithological layering was at a high angle to the core axis, indicating that the orientation of the drill hole did not introduce a sampling bias.

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<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	The drill core was transported directly to the laboratory and securely stored and sampled at the laboratory by very experienced laboratory staff.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits or reviews of sampling techniques and data have been completed yet.

## Section 2: Exploration Results

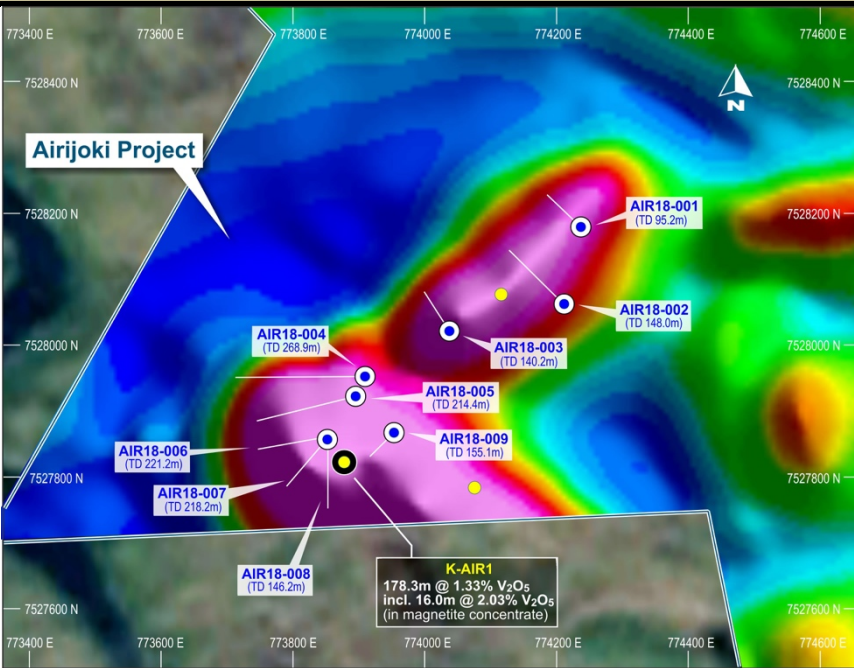
Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	The tenure for the Airijoki Project is an exploration licence named <b>Airijoki Nr 100</b> and is 100% owned by Pursuit Minerals Limited via its 100% owned Swedish subsidiary company Northern X Scandinavia AB.
	<i>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.</i>	<p>The exploration licence covering the Airijoki Project is valid until 20/6/2021.</p> <p>Conditions:</p> <ul style="list-style-type: none"> <li>• The exploration is only to be carried out in accordance with a work plan that is created by the holder of the permit. This workplan shall be sent to property owners and holders of certain rights. Further regulations can be found in the Mineral Act.</li> <li>• When exploring in areas with special protection, consent is needed. Example of such areas are: <ul style="list-style-type: none"> <li>▪ Areas within 200 metres from a house, church, hotel, industrial plant or military compound.</li> <li>▪ Areas within 30 metres from a public road, railway or airport.</li> <li>▪ Areas with zoning or area specific regulations.</li> <li>▪ Areas mentioned in the Environment Act (so called unbroken mountains).</li> </ul> </li> <li>• If consent is not received, explorations cannot be made.</li> <li>• To drive on terrain with motor vehicles is prohibited on dryland and</li> </ul>

<b>Criteria</b>	<b>JORC Code explanation</b>	<b>Commentary</b>
		<p>if there is a risk of damage, on snow covered farming land and forest land. Exceptions are possible.</p> <ul style="list-style-type: none"> <li>• It is prohibited to change, damage or disturb an ancient monument without permission of the county administration.</li> <li>• Nobody is allowed to litter outdoors in a place that the public has access to or can observe.</li> </ul>
<b>Exploration done by other parties</b>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Historic drilling in this prospect was originally completed by LKAB in the 1980's.
<b>Geology</b>	<i>Deposit type, geological setting and style of mineralisation.</i>	<p>The vanadium enriched magnetite mineralisation in the Airijoki Project is hosted in 2.45 Ga mafic to ultramafic layered intrusions that occur near the Archaean-Proterozoic boundary in the northern Fennoscandian shield across Lapland. 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 intrusion is stratiform in nature, which is interpreted to be the result of both layering within the intrusion as it crystallised as well as strong overprinting deformation.</p>

Criteria	JORC Code explanation	Commentary
<b>Drill hole Information</b>	<i>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.</i>	See table of significant mineralised intersections in the body of this report, as well Appendix One and Two.
	<i>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.</i>	This information has not been excluded.
<b>Data aggregation methods</b>	<i>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.</i>	A 0.2% V <sub>2</sub> O <sub>5</sub> in whole rock cut-off was used for the larger, lower grade weighted mean interval and a 0.3 to 0.5% V <sub>2</sub> O <sub>5</sub> in whole rock cut-off was used for the smaller, high grade weighted mean intervals. No top cuts were used.
	<i>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.</i>	A 0.2% V <sub>2</sub> O <sub>5</sub> in whole rock cut-off was used for the larger, lower grade weighted mean interval and a 0.3 to 0.5% V <sub>2</sub> O <sub>5</sub> in whole rock cut-off was used for the smaller, high grade weighted mean intervals. Internal dilution was allowed as long as the aggregate weighted mean grade from the start of the interval to the end of the dilution does not go below the cut-off grade. Weight means for each interval are calculated by: Dividing the sum all the individual sample intervals x the % V <sub>2</sub> O <sub>5</sub> assay of each individual sample by the overall width of the significant intersection.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	No metal equivalent values are reported.
<b>Relationship between mineralisation widths and intercept lengths</b>	<i>If the geometry of the mineralisation with respect to the drill-hole angle is known, its nature should be reported.</i>	The magnetite layering that contains the vanadium was observed in drill core to be at a high angle to the core access (mainly between 70-90°).
	<i>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').</i>	Down-hole widths were reported. However, the exact true width is interpreted to be close to true thicknesses as the magnetic layering was at a high angle to the core axis.



Criteria	JORC Code explanation	Commentary
<p><b>Diagrams</b></p>	<p>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.</p>	<p><b>Airijoki Project</b></p> <p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>Historical drill hole</li> <li>Historical drill hole - with assays</li> <li>Completed Pursuit drill hole - Nov-Dec. 2018</li> <li>Extension to main Airijoki magnetic anomaly</li> </ul> <p><b>K-AIR1</b> 178.3m @ 1.33% V<sub>2</sub>O<sub>5</sub> incl. 16.0m @ 2.03% V<sub>2</sub>O<sub>5</sub> (in magnetite concentrate)</p> <p><b>K-AIR5</b> 10.0m @ 2.01% V<sub>2</sub>O<sub>5</sub> (in magnetite concentrate)</p> <p>Image: TMI - Helimag, August, 2018</p> <p>0 1 2km</p> <p><b>PURSUIT</b> MINERALS</p> <p><b>AIRIJOKI PROJECT</b> <b>DRILL HOLE LOCATIONS</b></p>

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		<div><p><b>AIRIJOKI PROJECT DRILL HOLE LOCATIONS</b></p><p>Image: TMI - Helimag, August, 2018</p><p><b>LEGEND</b></p><ul style="list-style-type: none"><li>Historical drill hole</li><li>Historical drill hole - with assays</li><li>Completed Pursuit drill hole - Nov-Dec. 2018</li></ul></div> <table><tr><th>Hole</th><th>Northi ng (m) (Sw99 TM)</th><th>Easti ng (m) (Sw99 TM)</th><th>Width (m) (Down hole depth)</th><th>V<sub>2</sub>O<sub>5</sub> % (in whole rock)</th><th>From (m) (Dow n hole dept h)</th><th>To (m) (Down hole depth)</th><th>Cut-off (%)</th></tr><tr><td>AIR18-001</td><td>7528180</td><td>774247</td><td>13.00</td><td>@ 0.5</td><td>10.00</td><td>23.00</td><td>0.2% V<sub>2</sub>O<sub>5</sub> in whole rock</td></tr></table>	Hole	Northi ng (m) (Sw99 TM)	Easti ng (m) (Sw99 TM)	Width (m) (Down hole depth)	V <sub>2</sub> O <sub>5</sub> % (in whole rock)	From (m) (Dow n hole dept h)	To (m) (Down hole depth)	Cut-off (%)	AIR18-001	7528180	774247	13.00	@ 0.5	10.00	23.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock
Hole	Northi ng (m) (Sw99 TM)	Easti ng (m) (Sw99 TM)	Width (m) (Down hole depth)	V <sub>2</sub> O <sub>5</sub> % (in whole rock)	From (m) (Dow n hole dept h)	To (m) (Down hole depth)	Cut-off (%)											
AIR18-001	7528180	774247	13.00	@ 0.5	10.00	23.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock											

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					including						
					6.00	@	0.7	17.00	23.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
					and						
					22.00	@	0.3	40.00	58.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
		4.00	@	0.5	49.00	53.00	0.3% V <sub>2</sub> O <sub>5</sub> in whole rock				
		AIR18-002	7528060	774216	22.00	@	0.5	78.00	100.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
					12.00	@	0.8	88.00	100.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
		AIR18-003	7528019	774047	56.00	@	0.4	38.00	94.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
					18.00	@	0.7	76.00	94.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
		AIR18-004	7527949	773914	20.00	@	0.3	82.00	102.00	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
					4.00	@	0.5	98.00	102.00	0.4% V <sub>2</sub> O <sub>5</sub> in whole rock	
		AIR18-005	7527919	773897	Awaiting Assays						
		AIR18-006	7527857	773860	213.20	@	0.4	8.00	221.20	0.2% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
					157.00	@	0.5	63.00	220.00	0.3% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including						
					27.00	@	0.5	79.00	106.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
and											
			11.00	@	0.6	115.00	126.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock			

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					and			
		10.00	@	0.7	141.0 0	151.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
					and			
		27.00	@	0.6	189.0 0	216.00	0.5% V <sub>2</sub> O <sub>5</sub> in whole rock	
					including			
		5.00	@	0.7	191.0 0	196.00	0.6% V <sub>2</sub> O <sub>5</sub> in whole rock	
					and			
		4.00	@	0.8	208.0 0	212.00	0.6% V <sub>2</sub> O <sub>5</sub> in whole rock	
<b>Balanced reporting</b>	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.						
<b>Other substantive exploration data</b>	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 exploration data exists to the knowledge of the competent person completing this JORC Table 1.						
<b>Further work</b>	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	Exploration plans to advance this project are currently being finalised. The focus of follow up work will be to determine the full extent of the higher-grade vanadium mineralisation at the Airijoki Project and to try to define a Mineral Resource. If results as sufficiently encouraging, further						

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		drilling to infill any Mineral Resources that have been estimated will be completed during the mid to late 2019.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	As the mineralisation is magnetic, the magnetic data from this area was used to help target mineralisation. The extent of this magnetic anomaly has now been drilled. Further drilling would be to infill the mineralisation that has been intersected, not to extend.