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Chalice West Drilling Update: Rare Earth Results

Highlights of this Announcement

- Highly anomalous one-metre regolith interval at 1.1 wt.% TREO (22% MREO) with only 139 ppm phosphorous.
- One 17-metre interval from 4 metre below surface at 1,699 ppm TREO (21% MREO).
- Magnetic granite from bottom-of-hole samples has up to 1,595 ppm TREO (28% MREO).
- Anomalous REE values coincide with linear 7 kilometre long NW-trending magnetic feature.

The Announcement

Auric Mining Limited (ASX: **AWJ**) (**Auric** or **the Company**) is pleased to provide further detail following the completion of drilling at the Company's Chalice West Project near Higginsville-Widgiemooltha, Western Australia. The drilling program was completed on 22 November 2022 with 227 aircore drill holes drilled for 7,227m (Figure 1).

Onsite pXRF testing for nickel and proxies for lithium and rare earth elements (REE) was used as an objective basis for selective (1 m) sampling and associated multielement laboratory analyses. REE analyses have been returned for 95 bottom-of-hole (BOH) composite samples and 178 1-m interval regolith samples for 19 holes. Analyses are pending for a further 108 BOH samples and 193 1-m interval samples. Several distinctly anomalous intervals for REE have been returned in the results received to date and are described in this announcement.

The current results reveal anomalous REE values from regolith and BOH samples with up to 1.1 wt.% TREO (total rare earth oxide). All analyses were performed using 4-acid-digest in order to include nickel, lithium, REE and other metals in the analysis. This method also minimises the digestion of acid-resistant REE minerals such as monazite, that are unlikely to be recovered from REE clays.

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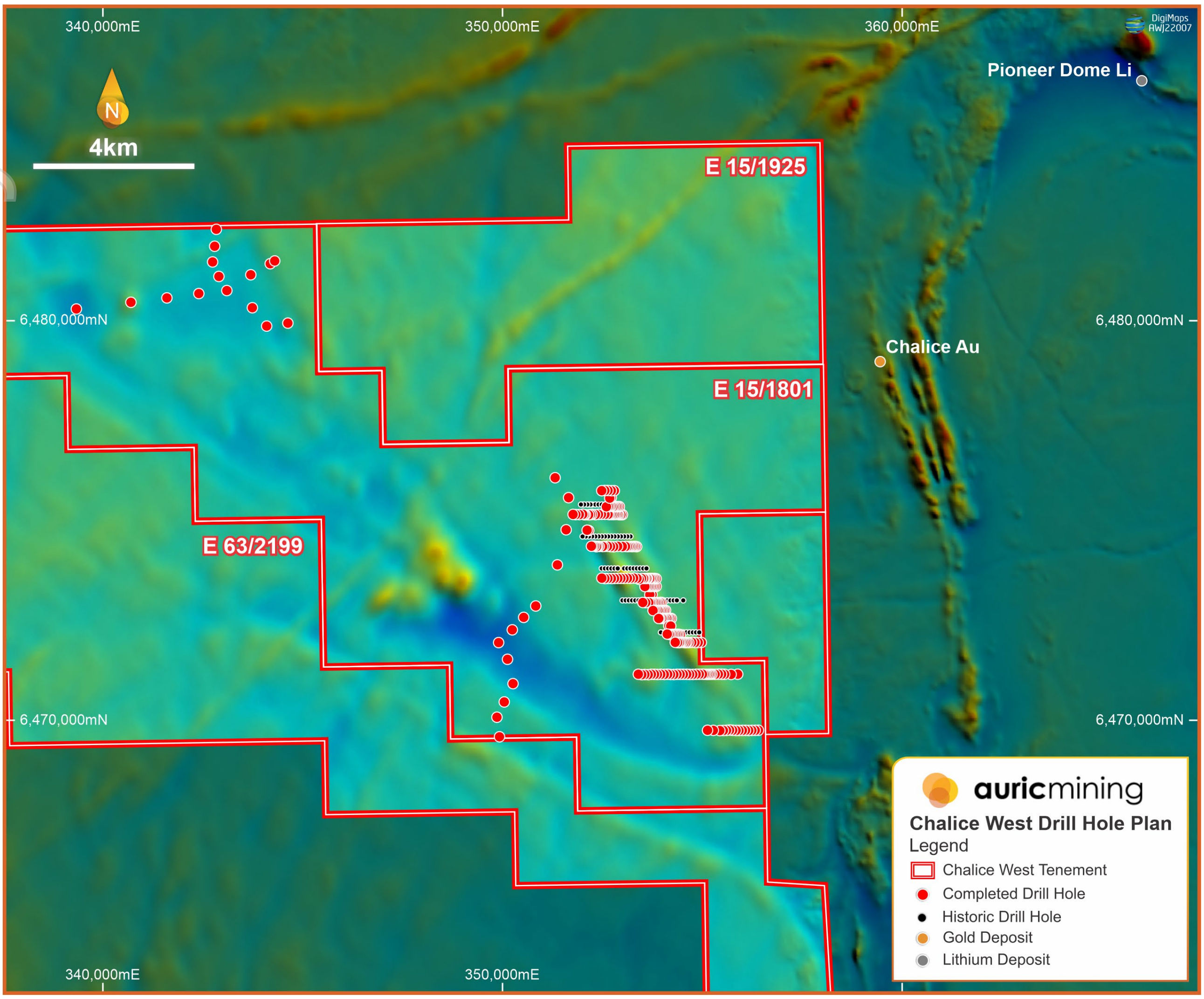

Figure 1. Chalice West aircore drill holes at completion of program

Program and Results-to-Date

Hole AAC0279 has a 17-m interval of 1,699 ppm TREO from 4 m below surface with a weighted average MREO (magnetic REO) proportion of 21%. This hole coincides with a deeper weathering profile compared to adjacent holes at the eastern flank of a round ~700 m diameter magnetic feature (Figure 2). On the western flank of the local magnetic anomaly in the deeper weathered sections, hole AAC0286 has 13 m @ 1,351 ppm TREO (20% MREO) from 13 m and hole AAC0285 has 8 m @ 885 ppm TREO (22% MREO) from 13 m (Figure 3). Holes collared above the round magnetic feature (AAC0280–AAC0284) largely drilled transported material and had blade refusal depths of 2–10 m (Figure 3). Refer to Appendix A for a table of significant results received to date and detail on intercept aggregation methods.

The high-grade interval (1.1. wt.% TREO) in hole AAC0239 (42–43 m) is unlikely “ionic clay” due to low Al (8.1 wt.%) and K (0.38 wt.%) concentrations and limited adsorption capacity of clays in general. The same applies to the high-grade interval in hole AAC0279 (17–18 m) with 0.49 wt.% TREO and low Al (1.8 wt.%) and K (0.07 wt.%) concentrations. However, for both intervals P values are below 170 ppm, suggesting that the acid-resistant mineral monazite ($REEPO_4$) is not responsible for the reported REE grades. Metallurgical tests and petrographic studies will determine the leachability and nature of the high-grade REE mineralisation.

The bottom-of-hole geochemistry data indicates that anomalous TREO concentrations coincide with magnetite-biotite-rich granite along a ~7 km long NW-trending magnetic feature (Figure 2). Four holes AAC0266, AAC0285 AAC0286, AAC0296 have >1,420 ppm TREO over 1–4 m composites and the latter has 1,595 ppm TREO (28% MREO) over 4 m. The magnetic granite may be the source of the REE.

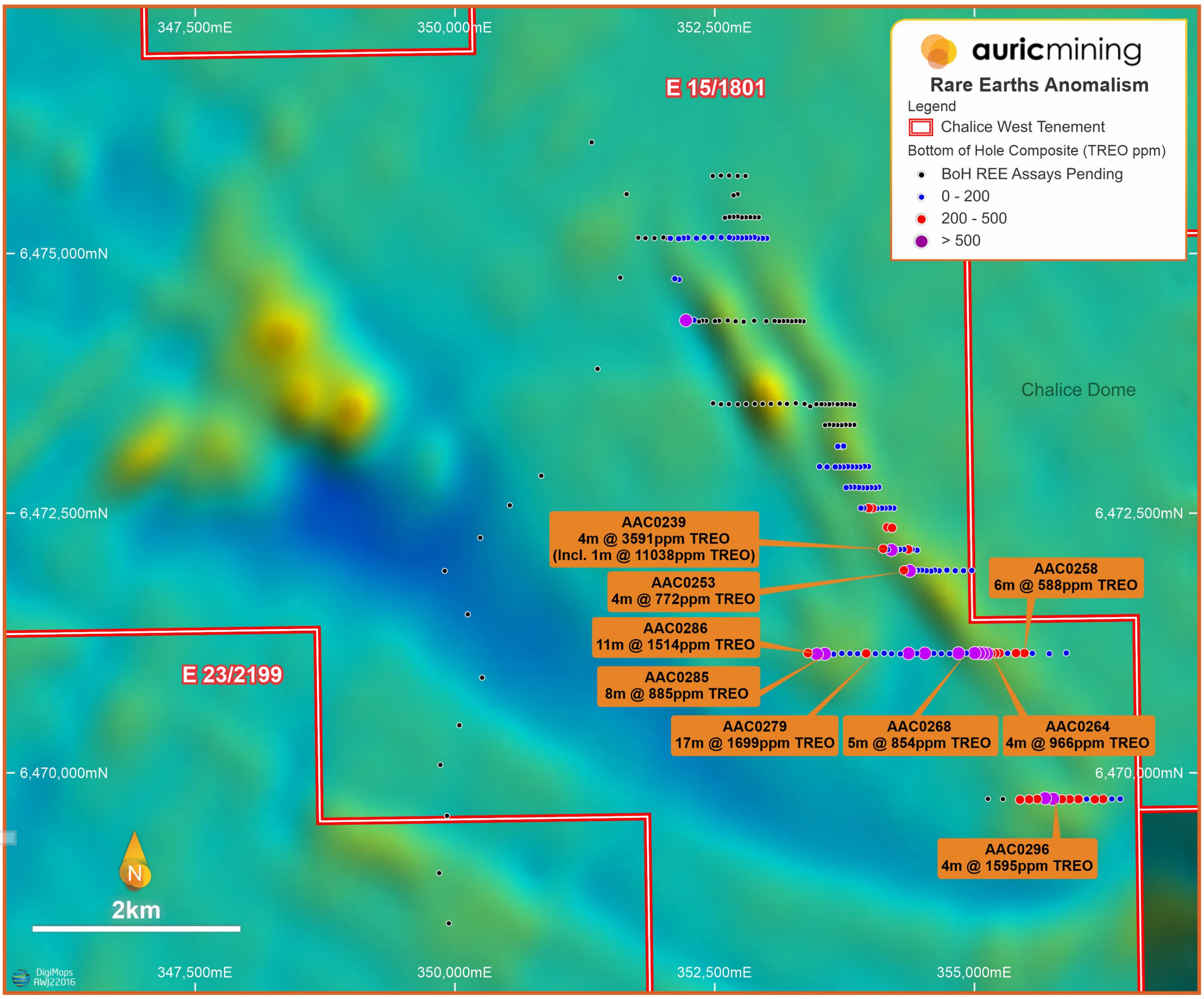

Figure 2: Total magnetics intensity (TMI) map from GSWA illustrating 7-km long magnetic anomalies at Chalice West which coincides with anomalous REE intervals.

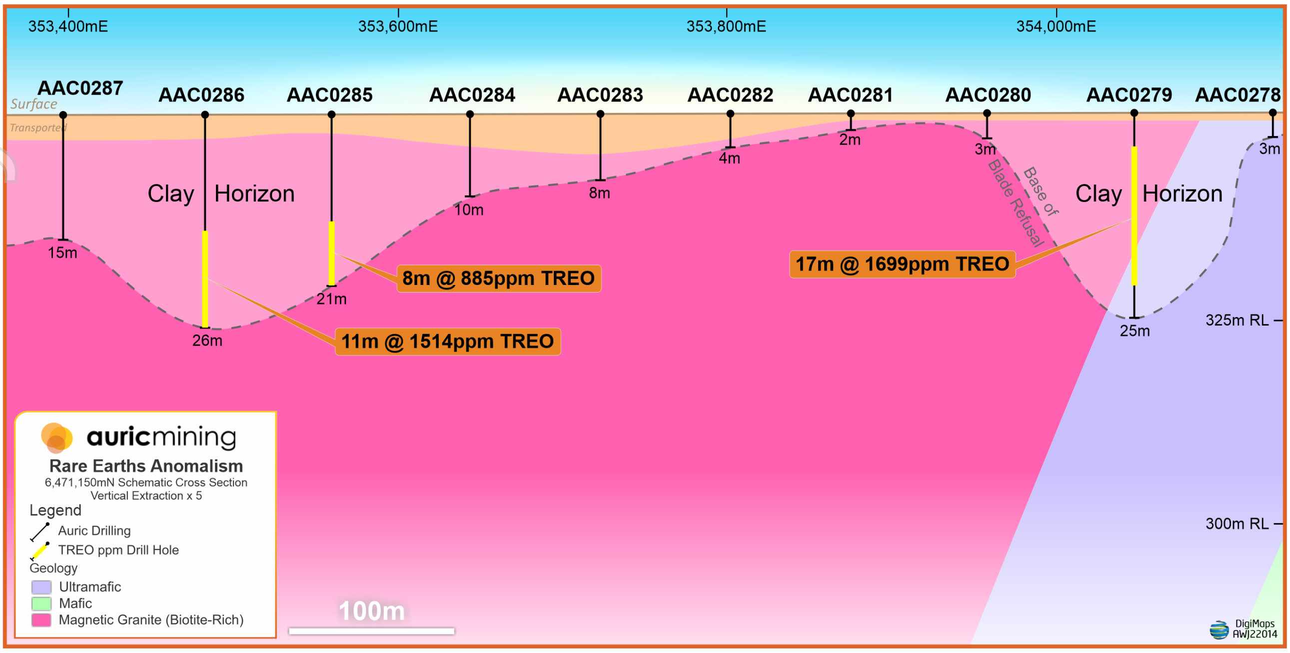

Figure 3: Cross-section of the western part of the drilling line at 6471150N (refer to Figure 2).

Future work

Auric will progress the REE opportunity. The next steps include the following:

- Interpreting data of pending assays.
- Metallurgical test work using ionic solutions at different pH concentrations to quantify the leachability of the REEs in the clay horizon.
- Reprocessing or flying aeromagnetic and radiometric over the magnetic features to obtain detailed outline of the anomalies identified in the GSWA dataset.
- Petrography work to characterise the deportment of REEs in the clay horizon
- Drill postponed holes over the prominent magnetic high west of currently defined REE anomalies (refer to announcement of 8 November 2022).
- Plan further drilling to test the REE clays if metallurgical results are favourable.

ENDS

This announcement has been approved for release by the Board.

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About Auric Mining

Auric Mining was established to explore for and develop gold and other mineral deposits in the Widgiemooltha-Norseman area, of Western Australia.

Auric has four projects (Figure 4):

The Widgiemooltha Gold Project & Munda Gold Deposit

The Widgiemooltha Gold Project ("WGP") located near the town of Widgiemooltha combines 20 tenements, including 5 granted Mining Leases. All tenements are highly prospective for gold mineralisation. This includes the Munda Gold Deposit. The combined Inferred and Indicated Mineral Resource estimate for Munda at 0.5 g/t cut-off is 4.48Mt @ 1.38 g/t Au for 198,700 oz gold[1].

The Chalice West Project

The Chalice West Project is adjacent to the Chalice Mine, a mine that produced almost 700,000 oz of gold and combines 3 tenements. It covers 408 km², including geology mirroring the Chalice Mine and is approximately 50 km northwest of Norseman.

The Jeffrey Find Project

The Jeffreys Find Project is 50 km northeast of Norseman and combines 2 tenements including 1 granted Mining Lease. It holds the Jeffreys Find gold deposit. The gold mineralisation extends from the surface to at least 110m in vertical depth and is thickest near the surface. The combined Inferred and Indicated Mineral Resource estimate for Jeffreys Find at 0.5 g/t cut-off is 1.22 Mt @ 1.22 g/t Au for 47,900 oz gold[2].

The Spargoville Project

The Spargoville Project is located 30km north of Widgiemooltha and combines 7 tenements. It lies in the same stratigraphy, along strike from the Wattle Dam Gold Mine which produced 268,000 oz gold @ 10 g/t from 2006–13; one of Australia's highest-grade mines at that time.

Summary

Auric now has tenements covering 516 km². Auric holds the rights to gold on all of its tenements. Further, at Munda it holds all mineral rights except nickel and lithium. At Jeffreys Find, Chalice West, the original Spargoville tenements and two recent WGP applications, Auric owns 100% of all mineral rights.

[1] *(ASX:AWJ): Announcement 28 January 2022: Increase in Estimated Resources at Munda and Reclassification from Inferred to Indicated.*

[2] *(ASX:AWJ): Announcement 6 May 2022: Jeffreys Find Metallurgical Testwork Defines Excellent Characteristics for Conventional CIL Processing.*

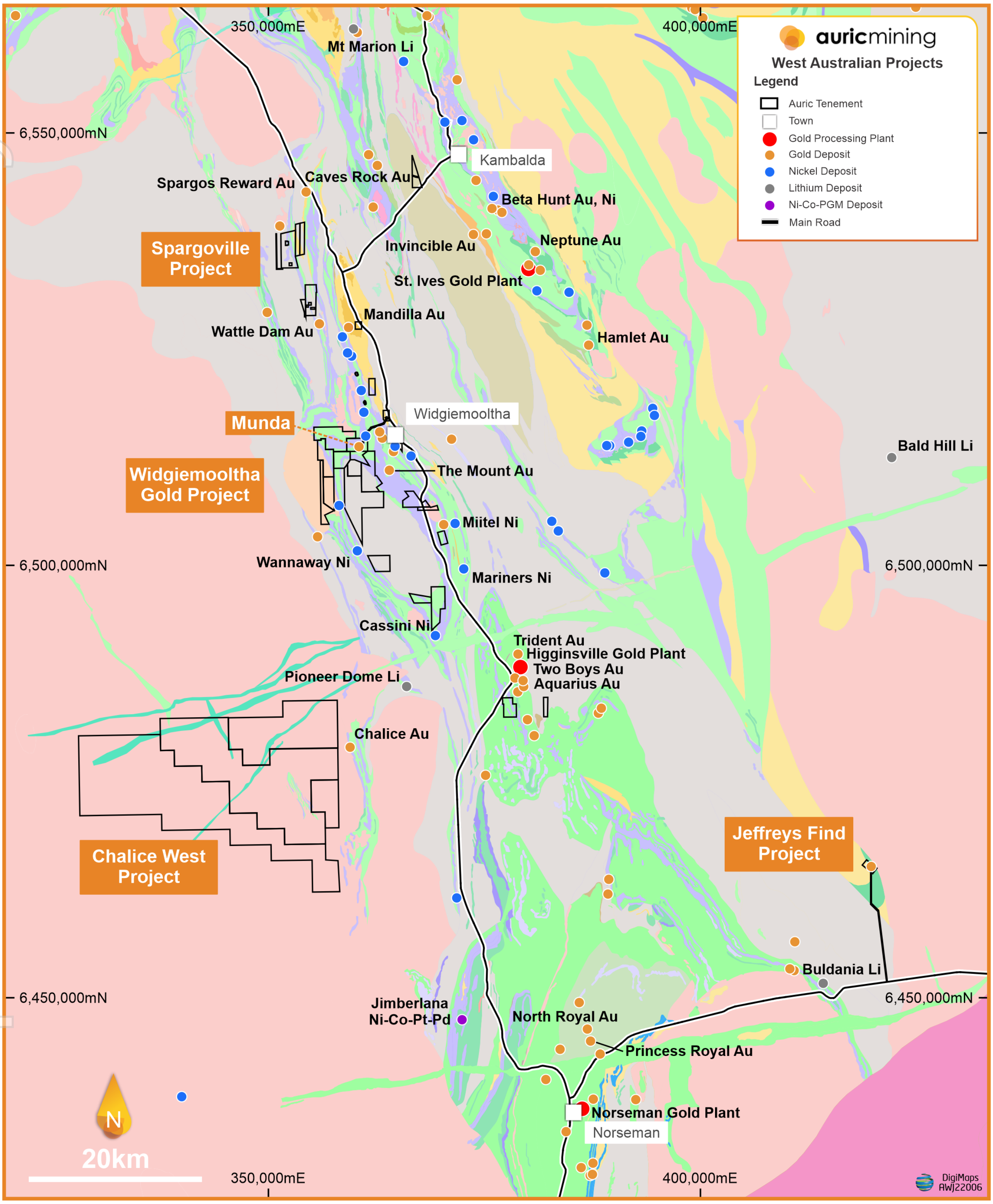

Figure 4. Auric's projects in the Widgiemooltha-Norseman area.

Compliance Statements

The information in this announcement that relates to Exploration Results for the Chalice West Project is based on and fairly represents information and supporting documentation compiled by René Sterk, who is a full-time employee of consulting company RSC. Mr Sterk is a Competent Person and a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy. Mr Sterk has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Sterk consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

APPENDIX A: SIGNIFICANT RARE EARTH DRILL INTERSECTIONS

Significant intervals defined for TREO >500 ppm at 200 ppm cut-off, minimum 4 m width. MREO was calculated as weighted average apart from 4-m composite BOH data.

Hole ID	From (m)	To (m)	Downhole Interval (m)	TREO[1] (ppm)	MREO[2] (%)
AAC0227	33	37	4	763	24.8
AAC0232	45	51	6	384	21.0
AAC0239	41	45	4	3591	21.9
Incl.	42	43	1	11038	21.9
AAC0253 (BOH)	32	36	4	773	21.2
AAC0258	32	38	6	588	18.1
AAC0264 (BOH)	24	28	4	966	20.8
AAC0268	32	37	5	854	24.6
AAC0279	4	21	17*	1699	21.1
AAC0285	13	21	8	885	22.0
AAC0286	15	26	11*	1352	20.2
AAC0296 (BOH)	32	36	4	1595	27.9

[1]TREO = Total Rare Earth Oxides La_2O_3, CeO_2, Pr_6O_{11}, Nd_2O_3, Sm_2O_3, Eu_2O_3, Gd_2O_3, Tb_4O_7, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3 + Y_2O_3
[2]MREO = Magnetic Rare Earth Oxides Pr_6O_{11}, Nd_2O_3, Tb_4O_7, Dy_2O_3
*Includes one 1-m interval below 200 ppm TREO
Downhole widths are reported. Exploration is at an early stage and true widths are not definitively known.

APPENDIX B: AIRCORE DRILLHOLE DETAILS

Hole_ID	Type	Hole Depth (m)	MGA_East	MGA_North	Orig_RL	Dip	MGA_Azi
AAC0199	AC	51	353718	6473142	350	-60	270
AAC0200	AC	73	353739	6473146	350	-60	270
AAC0201	AC	51	353683	6473143	350	-90	0
AAC0202	AC	9	353979	6472948	350	-90	0
AAC0203	AC	20	353939	6472950	350	-90	0
AAC0204	AC	3	353897	6472944	350	-90	0
AAC0205	AC	16	353858	6472945	350	-90	0
AAC0206	AC	14	353819	6472946	350	-90	0
AAC0207	AC	5	353778	6472948	350	-90	0
AAC0208	AC	22	353735	6472945	350	-90	0
AAC0209	AC	26	353698	6472945	350	-90	0
AAC0210	AC	15	353659	6472945	350	-90	0
AAC0211	AC	16	353580	6472945	350	-90	0
AAC0212	AC	31	353508	6472948	350	-90	0
AAC0213	AC	20	354078	6472751	350	-90	0
AAC0214	AC	2	354043	6472745	350	-90	0
AAC0215	AC	15	354002	6472746	350	-90	0
AAC0216	AC	2	353963	6472744	350	-90	0
AAC0217	AC	9	353921	6472744	350	-90	0
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AAC0219	AC	4	353839	6472750	350	-90	0
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AAC0222	AC	13	354223	6472548	350	-90	0
AAC0223	AC	35	354183	6472550	350	-90	0
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AAC0225	AC	29	354106	6472548	350	-90	0
AAC0226	AC	22	354060	6472544	350	-90	0
AAC0227	AC	37	354016	6472546	350	-90	0
AAC0228	AC	33	353980	6472548	350	-90	0
AAC0229	AC	43	353935	6472548	350	-90	0
AAC0230	AC	48	353906	6472548	350	-90	0
AAC0231	AC	60	354160	6472364	350	-90	0
AAC0232	AC	72	354206	6472358	350	-60	270
AAC0233	AC	8	354447	6472143	350	-90	0
AAC0234	AC	8	354400	6472151	350	-90	0
AAC0235	AC	35	354362	6472150	350	-90	0

Hole_ID	Type	Hole Depth (m)	MGA_East	MGA_North	Orig_RL	Dip	MGA_Azi
AAC0237	AC	9	354320	6472151	350	-90	0
AAC0238	AC	23	354279	6472150	350	-90	0
AAC0239	AC	12	354241	6472150	350	-90	0
AAC0240	AC	45	354201	6472145	350	-90	0
AAC0241	AC	27	354164	6472150	350	-90	0
AAC0242	AC	32	354120	6472157	350	-90	0
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AAC0244	AC	2	354894	6471946	350	-90	0
AAC0245	AC	15	354814	6471946	350	-90	0
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AAC0248	AC	32	354615	6471951	350	-90	0
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AAC0254	AC	36	354376	6471944	350	-90	0
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AAC0257	AC	41	355557	6471150	350	-90	0
AAC0258	AC	39	355480	6471152	350	-90	0
AAC0259	AC	19	355399	6471153	350	-90	0
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AAC0262	AC	56	355200	6471151	350	-90	0
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AAC0271	AC	10	354680	6471147	350	-90	0
AAC0272	AC	2	354607	6471150	350	-90	0
AAC0273	AC	5	354522	6471150	350	-90	0
AAC0274	AC	1	354443	6471150	350	-90	0

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Hole_ID	Type	Hole Depth (m)	MGA_East	MGA_North	Orig_RL	Dip	MGA_Azi
AAC0275	AC	14	354364	6471150	350	-90	0
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AAC0278	AC	3	354130	6471151	350	-90	0
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AAC0319	AC	54	353558	6473548	350	-90	0
AAC0320	AC	56	353527	6473549	350	-90	0
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AAC0336	AC	14	353318	6474349	350	-90	0
AAC0337	AC	14	353278	6474350	350	-90	0
AAC0338	AC	13	353238	6474347	350	-90	0
AAC0339	AC	8	353199	6474350	350	-90	0
AAC0340	AC	5	353159	6474349	350	-90	0
AAC0341	AC	10	353119	6474348	350	-90	0
AAC0342	AC	17	353075	6474350	350	-90	0
AAC0343	AC	11	352995	6474348	350	-90	0
AAC0344	AC	20	352879	6474352	350	-90	0
AAC0345	AC	28	352778	6474343	350	-90	0
AAC0346	AC	18	352624	6474355	350	-90	0
AAC0347	AC	35	352542	6474352	350	-90	0
AAC0348	AC	46	352501	6474349	350	-90	0
AAC0349	AC	44	352417	6474351	350	-90	0
AAC0350	AC	48	352378	6474353	350	-90	0

Hole_ID	Type	Hole Depth (m)	MGA_East	MGA_North	Orig_RL	Dip	MGA_Azi
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AAC0353	AC	51	352257	6474360	350	-90	0
AAC0354	AC	62	352222	6474356	350	-90	0
AAC0355	AC	35	352155	6474749	350	-90	0
AAC0356	AC	35	352115	6474757	350	-90	0
AAC0357	AC	26	352998	6475146	350	-90	0
AAC0358	AC	23	352959	6475146	350	-90	0
AAC0359	AC	22	352911	6475146	350	-90	0
AAC0360	AC	41	352879	6475156	350	-90	0
AAC0361	AC	26	352837	6475152	350	-90	0
AAC0362	AC	27	352799	6475151	350	-90	0
AAC0363	AC	25	352757	6475149	350	-90	0
AAC0364	AC	23	352715	6475152	350	-90	0
AAC0365	AC	21	352673	6475148	350	-90	0
AAC0366	AC	21	352640	6475154	350	-90	0
AAC0367	AC	23	352561	6475154	350	-90	0
AAC0368	AC	26	352473	6475154	350	-90	0
AAC0369	AC	29	352398	6475153	350	-90	0
AAC0370	AC	31	352323	6475147	350	-90	0
AAC0371	AC	52	352240	6475152	350	-90	0
AAC0372	AC	56	352197	6475148	350	-90	0
AAC0373	AC	83	352152	6475143	350	-90	0
AAC0374	AC	47	352072	6475145	350	-90	0
AAC0375	AC	41	352041	6475146	350	-90	0
AAC0376	AC	38	352005	6475155	350	-90	0
AAC0377	AC	84	351919	6475148	350	-90	0
AAC0378	AC	71	351832	6475148	350	-90	0
AAC0379	AC	42	351763	6475152	350	-90	0
AAC0380	AC	32	352922	6475348	350	-90	0
AAC0381	AC	29	352881	6475348	350	-90	0
AAC0382	AC	35	352841	6475349	350	-90	0
AAC0383	AC	31	352798	6475348	350	-90	0
AAC0384	AC	36	352760	6475347	350	-90	0
AAC0385	AC	38	352718	6475355	350	-90	0
AAC0386	AC	41	352679	6475352	350	-90	0
AAC0387	AC	49	352641	6475351	350	-90	0
AAC0388	AC	40	352597	6475344	350	-90	0

Hole_ID	Type	Hole Depth (m)	MGA_East	MGA_North	Orig_RL	Dip	MGA_Azi
AAC0389	AC	56	352720	6475571	350	-90	0
AAC0390	AC	68	352680	6475559	350	-90	0
AAC0391	AC	75	352795	6475746	350	-90	0
AAC0392	AC	70	352720	6475746	350	-90	0
AAC0393	AC	66	352637	6475750	350	-90	0
AAC0394	AC	85	352559	6475750	350	-90	0
AAC0395	AC	61	352480	6475746	350	-90	0
AAC0396	AC	41	351314	6476070	350	-90	0
AAC0397	AC	47	351651	6475571	350	-90	0
AAC0398	AC	16	351590	6474767	350	-90	0
AAC0399	AC	39	351371	6473889	350	-90	0
AAC0400	AC	73	350829	6472860	350	-90	0
AAC0401	AC	98	350527	6472575	350	-90	0
AAC0402	AC	68	350242	6472263	350	-90	0
AAC0403	AC	44	349900	6471944	350	-90	0
AAC0404	AC	14	350260	6470916	350	-90	0
AAC0405	AC	62	350041	6470458	350	-90	0
AAC0406	AC	2	349858	6470076	350	-90	0
AAC0407	AC	8	349922	6469586	350	-90	0
AAC0408	AC	25	349847	6469035	350	-90	0
AAC0409	AC	10	349940	6468550	350	-90	0
AAC0411	AC	52	350122	6471526	350	-90	0
AAC0412	AC	47	344626	6479940	350	-90	0
AAC0413	AC	28	344096	6479866	350	-90	0
AAC0414	AC	68	343738	6480325	350	-90	0
AAC0415	AC	20	343099	6480755	350	-90	0
AAC0416	AC	41	342900	6481108	350	-90	0
AAC0417	AC	46	342743	6481471	350	-90	0
AAC0418	AC	64	342794	6481864	350	-90	0
AAC0419	AC	19	342836	6482288	350	-90	0
AAC0420	AC	45	343698	6481150	350	-90	0
AAC0421	AC	7	344185	6481426	350	-90	0
AAC0422	AC	23	344297	6481496	350	-90	0
AAC0423	AC	81	341599	6480571	350	-90	0
AAC0424	AC	11	340699	6480461	350	-90	0
AAC0425	AC	92	339334	6480294	350	-90	0

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APPENDIX C: REE and P concentrations in ppm for BOH composite samples above a cut-off of 200 ppm TREO

Hole	Interval (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0231	4	21	48	6.3	26.7	6.5	1.8	7.1	1.2	7.6	1.5	4.4	0.6	4.1	0.6	37.8	1133	212	23.1
AAC0232	4	21	47	6.2	27.0	6.5	1.9	7.3	1.2	7.8	1.6	4.5	0.6	4.3	0.6	38.2	1096	211	23.4
AAC0235	3	63	36	12.3	50.3	11.8	3.0	12.5	1.9	10.4	1.9	5.1	0.7	4.3	0.6	46.9	173	311	28.2
AAC0239	4	137	282	29.5	106.1	21.1	3.7	20.8	3.6	22.4	4.8	14.3	2.1	13.4	2.0	139.5	133	968	19.5
AAC0241	4	97	65	22.3	72.2	11.5	1.6	7.1	0.9	4.2	0.7	1.5	0.2	1.2	0.2	13.0	191	354	33.0
AAC0253	4	112	254	25.4	96.1	18.6	3.7	17.3	2.7	15.4	3.0	8.4	1.1	7.3	1.1	76.2	184	772	21.2
AAC0254	4	57	107	11.5	38.5	6.8	0.5	4.9	0.6	2.9	0.5	1.3	0.2	1.0	0.2	14.1	104	296	21.2
AAC0258	3	17	42	5.0	23.8	7.4	2.4	13.2	2.6	18.0	3.8	12.1	1.7	9.2	1.4	119.0	215	339	17.0
AAC0259	3	54	33	12.2	43.7	6.3	1.3	4.1	0.6	3.4	0.6	1.8	0.3	1.6	0.3	11.8	86	208	33.8
AAC0261	1	70	99	15.0	52.1	9.0	1.2	6.6	0.9	4.6	0.7	2.2	0.3	2.4	0.4	14.5	79	333	25.6
AAC0262	4	69	114	12.6	42.4	7.0	0.6	4.9	0.6	2.9	0.5	1.2	0.2	0.8	0.1	14.4	97	325	21.1
AAC0263	1	101	49	20.7	75.4	12.1	1.7	10.9	1.5	7.1	1.2	3.1	0.4	1.9	0.3	33.4	106	380	32.3
AAC0264	4	173	409	41.3	123.4	17.4	1.6	9.1	1.1	5.2	0.7	2.0	0.3	1.3	0.2	16.8	193	966	20.8
AAC0265	1	206	312	42.4	132.5	17.8	1.5	9.6	1.1	5.4	0.7	2.0	0.3	1.5	0.2	17.4	283	899	23.7
AAC0266	3	336	627	54.7	162.0	21.3	2.0	13.0	1.7	7.8	1.2	3.0	0.4	2.3	0.3	26.5	446	1514	17.6
AAC0267	2	135	315	23.9	73.6	11.9	0.9	7.3	0.9	4.1	0.6	1.6	0.2	1.2	0.2	12.6	236	708	17.0
AAC0269	1	193	302	31.4	105.7	16.7	1.6	16.8	2.4	12.7	2.4	7.0	0.9	4.2	0.6	83.6	209	939	19.0
AAC0273	1	237	332	30.5	93.9	13.3	1.2	9.2	1.3	5.9	0.9	2.2	0.4	1.6	0.2	19.2	460	898	17.2
AAC0275	2	111	213	21.2	68.9	11.2	0.8	8.3	1.1	5.5	0.8	2.0	0.2	1.5	0.2	21.6	171	562	20.2
AAC0280	3	109	184	19.2	62.8	8.7	0.8	5.6	0.7	3.4	0.6	1.6	0.2	1.3	0.2	15.7	172	497	20.3
AAC0285	1	407	271	57.3	202.3	31.0	3.9	35.3	5.2	32.3	6.1	18.8	2.6	13.4	1.8	202.1	357	1546	22.5
AAC0286	2	300	476	50.4	160.9	24.4	2.4	20.1	3.2	18.4	3.4	10.5	1.5	7.8	1.1	103.7	410	1424	19.2

Hole	Interval (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0287	1	92	156	14.5	45.7	6.9	0.9	5.4	0.8	4.4	0.8	2.0	0.3	1.8	0.3	17.9	182	421	18.2
AAC0290	2	71	147	14.9	47.6	7.0	0.6	4.2	0.5	2.3	0.4	0.9	0.1	0.8	0.1	8.9	116	369	20.8
AAC0291	4	70	157	15.2	49.4	7.9	0.6	4.9	0.6	2.7	0.4	1.0	0.1	0.7	0.1	9.8	113	385	20.7
AAC0293	3	69	132	15.2	51.0	8.7	0.9	6.0	0.8	3.5	0.6	1.6	0.2	1.3	0.2	16.7	102	369	22.4
AAC0294	2	70	104	15.9	51.7	8.4	0.7	5.1	0.6	2.9	0.5	1.1	0.1	0.9	0.1	10.0	104	325	25.7
AAC0295	3	35	72	11.0	38.5	7.0	0.5	4.4	0.7	3.3	0.6	1.6	0.2	1.5	0.2	10.4	93	224	28.1
AAC0296	4	346	499	89.7	274.6	43.1	2.6	21.3	2.5	11.2	1.7	4.0	0.5	3.2	0.5	34.1	438	1595	27.9
AAC0297	1	106	191	21.5	68.4	10.8	0.8	6.7	0.8	3.4	0.5	1.3	0.2	1.1	0.2	12.7	192	511	21.6
AAC0298	4	36	75	8.4	28.3	5.0	0.5	3.9	0.5	3.2	0.6	1.6	0.2	1.4	0.2	14.5	96	216	22.0
AAC0299	1	38	82	9.9	35.9	6.1	0.5	4.7	0.6	3.0	0.5	1.3	0.2	1.0	0.1	11.9	100	234	24.7
AAC0300	1	41	70	9.9	33.0	5.9	0.4	4.5	0.6	3.3	0.6	1.6	0.2	1.5	0.2	13.6	75	224	24.6
AAC0352	4	93	134	16.7	54.9	9.1	2.0	6.6	0.9	4.7	0.8	2.1	0.3	1.8	0.3	23.9	94	422	21.5
AAC0353	3	51	87	8.9	29.4	4.2	0.9	2.8	0.4	1.9	0.4	0.9	0.1	0.7	0.1	10.3	99	239	20.0
AAC0354	2	1018	204	154.8	534.7	78.6	19.3	65.7	8.3	44.5	8.5	22.6	3.0	15.9	2.3	304.3	620	2952	29.5
AAC0355	3	65	126	13.3	44.6	6.9	1.4	4.3	0.6	2.8	0.5	1.3	0.2	1.1	0.2	12.3	152	336	21.4
AAC0356	3	40	99	7.4	24.6	3.6	0.8	2.2	0.3	1.5	0.3	0.7	0.1	0.6	0.1	7.1	105	227	17.4
AAC0357	2	61	120	12.9	43.0	7.3	0.8	4.9	0.7	3.7	0.7	2.0	0.3	1.9	0.3	18.4	101	334	21.2
AAC0358	3	37	67	8.0	27.3	4.5	0.9	3.6	0.5	2.8	0.6	1.5	0.2	1.2	0.2	17.4	51	208	21.7
AAC0359	2	40	70	8.2	28.4	4.6	0.9	3.9	0.6	3.3	0.6	1.8	0.2	1.5	0.2	19.5	67	221	21.5
AAC0368	2	30	57	7.0	27.6	5.8	1.5	6.8	1.1	7.5	1.6	5.1	0.8	5.1	0.8	43.4	438	242	20.9

APPENDIX D: REE and P concentrations in ppm for one-metre interval samples in the clay horizon above a cut-off of 200 ppm TREO

Hole_ID	From (m)	To (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0208	19	20	215	344	60.6	255	59.0	14.5	49.7	7.4	38.2	7.0	18.0	2.7	18.9	2.5	167	158	1508	28.1
AAC0208	20	21	50	58	14.6	66	19.2	5.4	22.3	4.0	24.4	5.2	15.7	2.8	21.6	3.2	151	77	559	22.9
AAC0225	20	21	13	137	3.8	11	2.1	0.6	2.5	0.5	3.5	0.8	2.5	0.4	3.1	0.4	16	356	241	9.2
AAC0225	21	22	23	63	27.1	160	46.1	13.3	53.8	8.5	48.1	9.3	25.2	3.8	26.2	3.6	215	363	870	32.7
AAC0225	22	23	4	12	1.7	9	3.3	1.3	8.4	1.7	13.2	3.6	11.4	1.7	10.0	1.5	117	356	245	12.4
AAC0227	28	29	37	18	6.6	24	5.3	0.7	7.6	1.3	8.4	1.8	5.5	0.9	6.4	0.9	56	120	217	21.8
AAC0227	33	34	73	11	10.8	41	8.1	1.4	8.5	1.2	5.9	1.1	2.7	0.5	2.9	0.4	23	193	228	30.5
AAC0227	34	35	336	135	68.9	266	55.9	10.3	58.7	8.8	47.2	8.9	23.7	3.4	23.5	3.1	210	153	1501	30.6
AAC0227	35	36	46	21	8.6	39	11.7	3.2	26.1	5.2	36.5	8.7	26.9	4.2	26.2	3.8	232	134	605	17.1
AAC0227	36	37	64	17	11.6	51	14.1	3.7	32.7	6.0	39.1	9.2	27.2	4.0	24.0	3.6	286	169	720	17.5
AAC0228	29	30	35	36	6.1	23	4.7	0.9	6.3	1.1	6.8	1.8	4.9	0.7	4.3	0.6	61	75	233	18.5
AAC0228	31	32	203	94	39.8	136	22.2	3.7	18.2	2.6	13.5	2.7	7.3	1.0	6.1	0.8	86	106	760	29.6
AAC0228	32	33	85	41	17.8	78	19.1	4.1	24.6	3.9	22.6	4.8	13.1	1.8	10.7	1.5	143	130	567	25.2
AAC0232	45	46	36	66	8.0	33	7.8	1.9	7.6	1.2	6.7	1.4	4.1	0.6	4.6	0.7	34	330	256	22.5
AAC0232	46	47	52	124	14.3	60	13.5	3.1	11.7	1.7	8.5	1.5	4.1	0.6	4.1	0.5	34	314	400	24.6
AAC0232	47	48	62	146	17.4	76	18.6	4.7	20.6	3.6	22.1	4.9	14.1	2.1	13.5	2.0	143	778	665	21.0
AAC0232	48	49	24	50	6.3	30	8.2	2.6	14.9	2.7	17.9	4.3	12.6	1.8	11.6	1.7	127	637	383	17.2
AAC0232	49	50	27	62	7.7	35	9.2	2.7	14.7	2.7	17.2	4.1	11.9	1.7	10.1	1.5	120	820	398	18.4
AAC0232	50	51	20	44	5.9	26	6.4	1.9	7.2	1.2	7.0	1.5	4.0	0.6	4.1	0.6	38	1111	203	23.2
AAC0239	41	42	83	85	18.4	66	11.5	1.9	9.0	1.2	6.2	1.1	2.9	0.4	2.9	0.4	26	75	377	28.5

Hole_ID	From (m)	To (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0239	42	43	1979	4418	460.6	1515	221.3	28.1	130.3	16.0	70.0	11.2	25.2	3.1	19.3	2.4	283	139	11038	21.9
AAC0239	43	44	277	552	59.1	231	46.5	7.4	44.6	6.6	35.4	7.2	20.7	3.2	22.3	3.3	214	258	1842	21.1
AAC0239	44	45	155	326	34.4	127	24.1	4.1	23.9	3.9	23.0	5.1	15.1	2.4	15.4	2.3	155	156	1106	19.9
AAC0258	32	33	44	77	9.1	38	9.9	2.5	12.0	2.0	13.1	3.0	9.0	1.4	10.3	1.5	81	509	380	19.2
AAC0258	33	34	73	163	19.8	85	22.7	6.2	30.4	5.4	34.7	8.1	24.2	3.7	24.8	3.7	250	661	916	18.5
AAC0258	34	35	58	148	20.1	88	24.2	7.0	35.1	6.5	44.0	10.4	31.6	4.7	30.7	4.5	319	543	1011	18.3
AAC0258	35	36	18	49	6.3	30	8.9	2.8	14.4	2.7	17.7	4.1	12.1	1.8	11.7	1.7	125	204	372	17.6
AAC0258	36	37	16	43	5.6	27	8.1	2.5	13.2	2.4	15.8	3.6	10.6	1.5	10.1	1.5	106	171	324	18.1
AAC0258	37	38	24	58	7.1	35	11.3	3.7	21.9	4.0	27.0	6.4	18.7	2.6	15.5	2.3	195	395	528	16.1
AAC0268	32	33	94	106	26.1	83	13.6	1.2	7.1	0.9	4.3	0.8	1.9	0.3	1.9	0.3	16	110	426	31.5
AAC0268	33	34	215	191	48.1	160	27.5	2.4	18.5	2.3	10.2	1.7	4.1	0.5	3.6	0.4	35	177	857	30.2
AAC0268	34	35	219	312	47.3	155	26.5	2.1	18.1	2.2	10.4	1.7	4.2	0.6	3.9	0.5	37	236	1005	25.1
AAC0268	35	36	231	294	38.5	133	22.7	2.1	24.9	3.4	17.8	3.7	9.3	1.2	7.1	0.9	114	264	1086	20.8
AAC0268	36	37	177	288	31.0	107	17.6	1.6	16.9	2.2	11.7	2.4	6.3	0.8	4.8	0.6	79	213	899	19.8
AAC0275	12	13	73	176	14.2	47	8.1	0.5	6.1	0.8	3.7	0.6	1.5	0.2	1.3	0.2	17	100	421	18.4
AAC0275	13	14	96	186	19.1	64	11.1	0.9	8.2	1.1	5.2	0.8	2.4	0.2	1.5	0.2	22	153	502	20.9
AAC0277	0	1	43	76	8.8	31	4.8	0.8	4.2	0.6	3.2	0.6	1.7	0.2	1.4	0.2	16	60	231	21.9
AAC0279	4	5	217	405	40.2	127	18.9	1.6	12.4	1.6	8.2	1.4	3.5	0.4	2.7	0.3	32	303	1049	19.9
AAC0279	5	6	321	507	51.2	158	23.3	2.1	16.3	2.3	11.0	1.8	4.2	0.5	2.9	0.4	40	534	1372	19.1
AAC0279	6	7	436	593	66.0	210	31.0	3.2	24.0	3.2	15.3	2.6	5.7	0.7	3.9	0.4	57	694	1740	19.9
AAC0279	7	8	399	612	67.1	213	31.1	3.1	22.5	3.1	14.5	2.4	5.4	0.6	3.6	0.4	49	648	1712	20.4
AAC0279	8	9	468	763	93.7	318	46.5	4.3	30.4	3.9	18.8	3.3	7.8	1.0	5.7	0.7	77	661	2208	23.1
AAC0279	9	10	336	593	66.9	211	31.0	3.0	19.5	2.6	11.9	2.0	4.7	0.6	3.3	0.4	42	459	1595	21.6
AAC0279	10	11	338	592	70.5	231	32.4	3.3	20.4	2.7	12.9	2.3	5.7	0.7	4.1	0.5	55	536	1647	22.6

Hole_ID	From (m)	To (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0279	11	12	548	811	99.2	335	45.9	4.6	30.2	3.9	18.4	3.1	7.2	0.9	5.2	0.6	64	690	2369	22.6
AAC0279	12	13	639	953	114.3	378	50.2	4.8	33.0	4.4	21.1	3.7	9.0	1.2	6.9	0.8	83	1008	2759	22.0
AAC0279	13	14	634	1109	111.8	358	47.3	3.2	30.4	4.0	19.0	3.3	8.2	1.1	6.5	0.8	82	671	2906	19.9
AAC0279	14	15	492	809	88.3	289	38.4	2.9	26.3	3.6	18.3	3.5	9.2	1.3	8.4	1.1	90	624	2260	20.8
AAC0279	15	16	244	443	50.6	167	24.2	2.1	17.0	2.5	12.7	2.5	6.9	1.1	7.3	0.9	60	497	1251	21.9
AAC0279	16	17	27	23	4.9	18	3.0	0.5	3.8	0.7	4.5	1.1	3.4	0.6	4.2	0.6	26	65	145	22.9
AAC0279	17	18	1053	1479	189.4	665	85.7	10.3	76.9	10.3	53.6	10.9	28.8	3.6	20.2	2.6	393	167	4903	22.0
AAC0279	18	19	14	17	2.6	14	4.4	1.0	16.4	3.7	28.3	7.5	23.9	3.8	25.8	3.6	154	76	387	14.5
AAC0279	19	20	4	4	0.8	4	1.6	0.5	9.1	2.2	18.4	5.4	17.0	2.4	13.8	1.9	148	-	287	10.3
AAC0279	20	21	37	52	6.6	24	3.5	0.5	5.1	0.9	6.1	1.8	5.5	0.7	3.3	0.5	88	-	286	15.4
AAC0285	13	14	31	74	6.2	20	3.5	0.4	3.0	0.6	4.0	0.9	3.2	0.6	4.3	0.6	21	87	209	17.3
AAC0285	14	15	264	342	47.8	159	24.0	2.5	17.9	2.5	13.3	2.6	6.9	1.0	6.5	0.8	58	280	1137	23.0
AAC0285	15	16	277	454	50.0	164	25.3	2.5	19.0	2.7	14.9	2.8	7.7	1.2	7.4	0.9	65	307	1314	20.7
AAC0285	16	17	254	387	46.2	149	22.4	2.4	17.5	2.6	14.3	2.9	7.8	1.1	7.5	0.9	76	329	1189	20.9
AAC0285	17	18	92	112	16.7	54	8.5	1.0	6.4	1.0	5.8	1.2	3.8	0.6	4.3	0.5	32	126	407	22.4
AAC0285	18	19	155	196	29.4	96	14.5	1.5	9.9	1.5	7.7	1.6	4.4	0.7	5.0	0.6	37	184	672	23.5
AAC0285	19	20	173	239	30.6	103	15.7	1.7	11.3	1.6	8.7	1.7	4.9	0.7	4.8	0.6	43	179	767	22.0
AAC0285	20	21	349	262	53.1	189	30.0	3.6	32.0	4.5	25.9	5.5	15.4	2.1	12.3	1.6	173	347	1388	23.0
AAC0286	13	14	168	226	28.9	93	13.7	1.4	9.8	1.5	8.7	1.8	5.3	0.9	6.3	0.8	40	198	727	21.3
AAC0286	14	15	41	49	6.6	22	3.5	0.5	3.0	0.6	3.7	0.9	3.0	0.5	4.0	0.6	21	80	193	19.9
AAC0286	15	16	334	470	65.7	216	32.3	3.3	22.1	3.1	16.0	3.0	7.8	1.2	7.4	0.9	69	322	1499	23.5
AAC0286	16	17	373	631	68.4	228	34.0	3.4	23.9	3.3	16.9	3.2	8.4	1.2	7.6	0.9	73	377	1772	21.0
AAC0286	17	18	365	697	65.2	215	31.5	3.1	23.1	3.3	17.7	3.5	9.5	1.4	9.1	1.1	93	499	1851	19.1
AAC0286	18	19	307	538	56.5	184	27.7	2.8	20.3	2.9	15.7	3.1	8.6	1.3	7.9	1.0	78	383	1509	20.1

Hole_ID	From (m)	To (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0286	19	20	416	699	70.9	236	35.1	3.6	26.7	3.7	19.4	3.7	9.9	1.4	9.1	1.1	93	475	1957	19.8
AAC0286	20	21	323	471	54.0	178	26.4	2.9	21.2	3.1	17.9	3.2	8.8	1.3	7.3	0.9	80	341	1439	20.6
AAC0286	21	22	311	455	52.9	169	24.3	2.5	18.6	2.7	15.9	3.0	8.8	1.2	7.6	1.0	84	339	1390	20.3
AAC0286	22	23	258	443	42.1	140	20.3	2.2	17.2	2.5	14.5	2.7	7.7	1.1	6.5	0.9	68	319	1235	18.9
AAC0286	23	24	226	411	40.0	126	18.4	2.0	14.7	2.3	13.9	2.7	8.1	1.1	7.1	0.9	75	295	1143	18.7
AAC0286	24	25	283	470	49.9	160	24.0	2.5	19.7	2.9	17.7	3.6	10.4	1.5	8.8	1.2	102	341	1392	19.4
AAC0286	25	26	305	492	54.1	173	25.9	2.6	21.5	3.1	18.9	3.6	10.0	1.4	8.0	1.1	98	405	1463	20.0
AAC0302	32	33	91	59	10.5	28	3.8	0.4	2.5	0.4	2.4	0.5	1.3	0.2	1.2	0.2	11	124	254	19.1
AAC0302	33	34	328	263	64.7	198	27.6	3.1	15.1	1.9	9.7	1.5	3.7	0.5	2.6	0.3	31	372	1133	28.5
AAC0302	34	35	653	662	123.5	398	58.3	6.4	39.3	5.3	27.5	4.4	10.9	1.4	8.1	1.1	96	969	2502	26.0
AAC0302	35	36	191	221	32.9	99	13.2	1.3	8.3	1.1	5.9	1.0	2.5	0.3	2.0	0.3	21	328	718	22.7
AAC0302	36	37	88	136	16.2	52	7.3	0.8	4.6	0.6	3.2	0.6	1.5	0.2	1.3	0.2	13	182	391	21.5
AAC0302	37	38	383	732	76.1	268	41.6	5.0	31.9	4.3	21.9	3.7	9.8	1.3	7.7	1.1	84	1147	2008	21.6
AAC0302	38	39	136	320	22.1	78	12.1	1.8	10.9	1.5	8.9	1.7	4.6	0.6	3.8	0.5	42	408	776	16.6
AAC0302	39	40	103	223	21.9	85	15.3	2.3	13.9	1.9	9.9	1.7	4.3	0.6	3.1	0.4	39	262	632	22.0
AAC0302	40	41	195	410	39.3	148	24.8	3.2	23.8	3.3	17.9	3.2	8.3	1.1	6.2	0.9	81	364	1163	21.0
AAC0302	41	42	111	201	19.6	68	10.5	1.3	9.5	1.3	7.8	1.5	4.3	0.6	3.4	0.5	44	316	583	19.5
AAC0302	42	43	116	197	19.7	65	9.8	1.1	8.5	1.3	7.7	1.6	4.6	0.6	3.8	0.6	47	348	582	18.8
AAC0307	30	31	33	61	10.5	46	12.3	3.6	12.8	2.0	11.2	2.1	5.6	0.8	4.9	0.7	46	312	301	26.9
AAC0311	14	15	46	78	9.3	30	4.8	0.7	3.5	0.5	3.1	0.6	2.0	0.3	2.2	0.3	18	74	239	21.1
AAC0311	16	17	38	75	7.6	25	3.9	0.6	3.0	0.4	2.9	0.6	2.2	0.3	2.4	0.4	18	80	217	19.4
AAC0311	17	18	135	219	27.8	96	17.0	3.0	14.7	2.2	11.9	2.2	6.1	0.8	5.2	0.8	55	220	716	22.5
AAC0311	18	19	89	142	18.0	62	11.3	2.0	9.9	1.5	8.5	1.6	4.5	0.6	4.0	0.6	39	230	474	22.3
AAC0311	20	21	51	75	12.0	42	7.8	1.4	6.2	0.9	4.6	0.8	2.2	0.3	2.0	0.3	17	161	267	25.9

Hole_ID	From (m)	To (m)	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	P	TREO	MREO (%)
AAC0311	21	22	56	82	13.0	45	8.3	1.5	6.5	0.9	4.8	0.8	2.3	0.3	2.0	0.3	18	166	290	25.8
AAC0311	22	23	207	213	51.0	189	37.1	7.9	28.2	3.8	19.0	2.9	7.2	0.9	5.4	0.7	61	283	993	31.1
AAC0311	23	24	222	173	44.9	176	36.3	8.6	39.2	5.7	31.4	6.0	16.2	2.1	12.7	1.8	158	248	1119	27.1
AAC0311	24	25	110	81	20.4	83	17.6	4.6	25.0	3.8	24.5	5.2	14.8	2.0	11.5	1.8	176	161	700	22.0
AAC0311	25	26	90	58	15.1	62	12.9	3.5	20.5	3.1	20.3	4.5	12.8	1.7	9.1	1.4	169	150	585	20.1
AAC0311	26	27	76	77	14.2	59	12.7	3.4	18.3	2.9	19.2	4.3	12.4	1.7	9.7	1.5	144	170	551	20.2
AAC0311	27	28	25	41	5.5	23	6.0	1.9	11.3	2.3	17.6	4.1	12.6	1.8	10.3	1.6	134	130	363	15.5
AAC0311	28	29	19	33	4.2	18	4.7	1.5	8.5	1.8	13.3	3.1	9.6	1.3	8.0	1.2	98	95	274	15.7
AAC0311	29	30	20	29	4.1	17	4.4	1.3	7.8	1.6	11.6	2.7	8.4	1.2	6.9	1.0	88	67	248	16.2
AAC0311	30	31	33	33	6.4	27	7.0	2.1	11.4	2.0	13.5	2.9	8.7	1.2	6.9	1.1	91	75	299	19.2
AAC0312	20	21	28	66	9.9	42	11.2	2.7	9.7	1.5	7.8	1.3	3.7	0.5	3.8	0.5	23	591	254	28.2
AAC0312	21	22	24	63	7.6	31	7.9	1.9	8.0	1.3	7.5	1.4	4.3	0.6	3.9	0.6	36	547	239	23.3
AAC0312	22	23	28	58	8.1	36	9.9	2.7	13.3	2.3	15.7	3.4	10.3	1.4	8.9	1.4	107	581	371	19.4
AAC0312	23	24	24	37	6.0	27	7.4	2.1	9.1	1.3	7.1	1.4	3.7	0.5	3.2	0.5	36	223	200	24.4
AAC0312	24	25	72	150	17.3	66	14.6	2.5	14.8	2.1	12.2	2.3	6.5	0.9	5.8	0.9	61	282	516	22.1
AAC0315	27	28	24	56	7.7	35	9.2	2.6	9.3	1.5	8.9	1.8	5.0	0.7	4.6	0.7	46	294	257	24.3
AAC0315	29	30	17	49	6.1	27	7.4	2.2	8.5	1.5	10.1	2.0	6.1	0.9	5.9	0.9	53	379	238	22.0
AAC0315	30	31	14	36	4.6	21	6.0	1.9	7.9	1.5	10.5	2.3	7.0	1.0	6.6	1.0	60	295	220	19.7
AAC0315	31	32	12	29	4.0	19	5.6	1.9	8.9	1.8	12.7	2.8	8.5	1.2	7.2	1.1	86	444	246	17.7
AAC0316	32	33	47	38	12.7	53	16.5	5.3	30.0	6.0	43.8	10.1	30.5	4.2	25.4	3.7	380	272	864	15.6
AAC0316	33	34	35	46	8.8	35	8.6	2.2	11.0	2.0	14.3	3.1	9.2	1.3	7.7	1.3	103	165	350	20.0
AAC0316	34	35	63	84	13.4	56	14.4	4.0	23.0	3.9	26.3	5.8	16.7	2.2	12.7	1.9	205	230	646	17.9
AAC0316	39	40	35	75	8.9	33	7.0	1.1	6.4	0.9	5.4	1.0	2.9	0.4	2.4	0.4	28	246	250	22.5
AAC0316	41	42	8	22	4.0	20	15.6	3.3	20.6	4.3	28.8	6.1	16.9	2.4	13.6	1.9	176	480	419	15.9

APPENDIX E: CHALICE WEST JORC TABLE 1 CHECKLIST

Section 1 Sampling Techniques and Data

(Criteria in this section apply to the succeeding section)

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	• Air core drilling used to obtain 1m samples via a rig-mounted cyclone and bucket with each sample placed in an individual pile. An ~2.5 kg sample was then obtained using a small scoop and sampling from individual piles to produce composite 4 m samples except where the end of hole restricted the composite to 3 m or less
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• All Auric aircore drilling by face-sampling blade bit with a drill bit (hole) diameter of approximately 121 mm. • Holes drilled to 'refusal' (ie depth at which blade bit can no longer penetrate), which ranged from 1–104 m.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximize sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• Drill sample recovery varied depending on ground conditions and was generally good in the residual profile but poor in some intervals within transported sands and clays. • Aircore is a face-sampling technique with generally good recoveries. Samples were collected via a cyclone which also maximises sample recovery. • There is no evidence of sample bias as all results are from residual portions.

Criteria	JORC Code explanation	Commentary
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.	• All chips were logged at 1m intervals corresponding to the sample intervals and according to Auric's coding system • The drilling and sampling technique is appropriate for early-stage exploration but will not be used to support mineral resource estimation, mining studies and metallurgical studies. • The logging is qualitative in nature; however, pXRF results for Cr, Ti and Zr were compared with the geological logs and used to better quantify lithologies, particularly clay-weathered protoliths • Chips were not photographed but selected chips from the bottom-of-hole sample have been retained in compartmentalised chip trays. • The total length logged is 7,227m which is 100% of the drilled intervals.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	• Samples were taken by hand scoop which is industry standard but does not ensure sample representivity. The Competent Person considers the technique appropriate for the interpretation of early-stage exploration results. • Samples were mostly dry but damp and wet intervals were encountered and have been recorded. • No duplicate samples were taken.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory	• Bottom-of-hole samples, representing between 1 m and 4 m sample lengths, were analysed by Intertek Genalysis for a suite of multi elements via a 4-acid digest and Inductively Coupled Plasma Mass Spectrometry and for Au, Pt and Pd via 50g Fire Assay and Inductively Coupled Plasma Mass Spectrometry. Fire assay is considered to be a total digestion technique. The 4-acid digest provides only a partial digest for 18 of the 48 elements analysed and is considered to be a total digest for the remainder. • Samples selected on the basis of pXRF analyses for subsampling at 1 m intervals

Criteria	JORC Code explanation	Commentary
	checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	were submitted to Intertek Genalysis. The samples were analysed for a suite of 48 multielements + 12 REE via a 4-acid digest and Inductively Coupled Plasma Mass Spectrometry and for Au, Pt and Pd via 50g Fire Assay and Inductively Coupled Plasma Mass Spectrometry. Fire assay is considered to be a total digestion technique. The 4-acid digest provides only a partial digest for 18 of the 48 elements and 8 of the 12 REE analysed and is considered to be a total digest for the remainder. This method is appropriate for clay-hosted REE mineralisation because it minimises the dissolution of acid-resistant monazite, which is challenging to process in clay-hosted REE mineral systems. • The laboratory (Intertek Genalysis) analysed standards and blanks inserted with each batch. Comparison of expected results for standards with the assays received for both Bottom-of-hole composites and single metre individual samples indicates that the data are sufficiently accurate and precise for the intended purpose of interpreting exploration results.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data.	• Anomalous assays have been verified by alternative Auric personnel. • No twinned holes have been drilled. • Field sample records are merged with assay results from the lab and various cross reference checks, both manual and computational used to ensure data integrity. • Data are stored on two separate computers and backed up regularly. • No adjustment has been made to assay data. • The conversion of elemental weight percent of REEs to oxide weight percent in order to calculate TREO and MREO used the following conversion factors: La_2O_3 1.1728 CeO_2 1.2284 Pr_6O_{11} 1.2082 Nd_2O_3 1.1664 Sm_2O_3 1.1596 Eu_2O_3 1.1579 Gd_2O_3 1.1526 Tb_4O_7 1.1762

Criteria	JORC Code explanation	Commentary
		Dy_2O_3 1.1477 Ho_2O_3 1.1455 Er_2O_3 1.1435 Tm_2O_3 1.1421 Yb_2O_3 1.1387 Lu_2O_3 1.1371 Y_2O_3 1.2699
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control.	• Hole collar positions were located using a hand-held GPS referenced to MGA-GDA94, Zone 51 and are accurate to within 5 m • Most holes were drilled vertical. Angled holes were drilled at -60˚ inclination. Hole azimuth and dip was measured at surface using a compass and inclinometer. • The hand-held GPS was used to define collar elevation for some holes and an arbitrary elevation was applied to others. This is appropriate to early-stage exploration. Topographic control will be established where the potential for economic mineralisation is demonstrated.
Data spacing and distribution	Data spacing for reporting of Exploration Results. 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. Whether sample compositing has been applied.	• Densest drilling is at nominal 40m hole spacing along traverses. Traverse spacing in that area is nominally 200m but extending out to 1400m. Reconnaissance holes were drilled along three other traverses at nominal 500 m spacings • The holes and data will not be used for mineral resource estimation • Bottom-of-hole samples were composited for intervals between 1 m and 4 m. Remaining samples sent for REE analysis were not composited.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. 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.	• Drilling is at an early stage and the orientation of possible structural controls on mineralisation is not known. • It is not expected that the drilling orientation has caused any sampling bias; however, further work is required.
Sample security	The measures taken to ensure sample security.	• Auric personnel were present during all drilling and sampling and individual samples were bagged and sealed in

Criteria	JORC Code explanation	Commentary
		larger polywoven bags with no opportunity for tampering. • Samples were transported to the lab by Auric personnel.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	• There have been no reviews of sampling techniques and data related to the current program.

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• Air core drilling was conducted on E15/1801 which is held by Mr John Williams and operated by Auric Mining subsidiary, Chalice West Pty Ltd under the terms of an Option Agreement. • There are no known impediments to obtaining a licence to explore or mine in the area beyond routine compliance requirements.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	• Resolute Limited completed an aircore drill program in 1997, comprising 82 drill holes for 2960 m, and a follow-up soil sampling program in 1998. • The 1997 drilling returned Au anomalism coincident with magnetic units that mimic the magnetic stratigraphy hosting the Chalice deposit approx. 6km to the northeast. Selected Resolute drill samples were also analysed for Ni, Cu, Cr, Zn and As, identifying a number of anomalous (+1000 ppm) Ni intervals. • The 1998 soil sampling defined several areas of (100 ppm) Ni anomalism. • Regional magnetic data provided by GSWA is used for exploration targeting and presented in maps in this announcement.
Geology	Deposit type, geological setting and style of mineralisation.	• Air core drilling targeted favourable stratigraphy (basalts and ultramafics) in a setting that mirrors the host rocks to the Chalice gold deposit where the two areas are separated by a granite dome. • Reconnaissance drilling tested the geology under areas of extensive cover. • The 7-km long magnetic anomaly is interpreted to relate to magnetite-biotite-rich granite which may be the source for REE in the clays. REE clays are targeted that spatially relate to the magnetic anomaly.

Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:
	  o easting and northing of the drill hole collar
		• Refer to:
		  - APPENDIX A: SIGNIFICANT RARE EARTH DRILL INTERSECTIONS
		  - APPENDIX B: AIRCORE DRILLHOLE DETAILS
		  - APPENDIX C: REE and P concentrations in ppm for BOH

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Criteria	JORC Code explanation	Commentary
	o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar o dip and azimuth of the hole o down hole length and interception depth o hole length. 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.	composite samples above a cut-off of 200 ppm TREO. - APPENDIX D: REE and P concentrations in ppm for one-metre interval samples in the clay horizon above a cut-off of 200 ppm TREO
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. 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. The assumptions used for any reporting of metal equivalent values should be clearly stated.	• Sample results are reported above 200ppm TREO • Significant intersections are reported above 500ppm TREO after calculating averages derived from applying a 200 ppm TREO cut-off, with a maximum of 1 m internal dilution and a minimum width of 4 m. • An internal high-grade 1-m interval is specified using a 1% TREO cut-off. • No metal equivalents are reported.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 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').	• Mineralisation widths for REE in the predominantly vertical drillholes may represent true widths as the mineralised unit is likely sub horizontal due to REE enrichment in the residual weathering profile; however, downhole lengths are reported here as true width is not certain.
Diagrams	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.	• Refer to Figures 1-4
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should	• REE intercepts that are considered relevant have been presented in the report body in a balanced manner. Individual sample results above a cut-off of 200 ppm TREO are also presented in

Criteria	JORC Code explanation	Commentary
	be practiced to avoid misleading reporting of Exploration Results.	Appendix B.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• The air core program represents early-stage exploration. Possible links between anomalous values and geological features (lithological contacts and structural features) have been described but are speculative.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Interpret data from pending assays when available. • Metallurgical test work to quantify leachability of clay hosted REE. • Obtain higher quality magnetics and radiometric data. • Petrography. • Drilling of prominent, untested magnetic feature. • Further drilling if justified by results of met work.