

## ASX ANNOUNCEMENT

Heavy Rare Earths Limited (ASX:HRE)  
26 October 2022

# COWALINYA RE-ASSAY PROGRAM CONFIRMS RARE EARTH GRADE INCREASE

- **Re-assaying of samples above the Cowalinya resource cut-off grade delivers an average increase of 3.8% in total rare earths**

Heavy Rare Earths Limited (“**HRE**” or “**the Company**”) is pleased to report final results from its Analytical (Re-Assay) Program, in which 729 two-metre composite samples from 102 air core holes drilled at its Cowalinya rare earth project in 2021 were re-assayed using Lithium Borate Fusion/ICP-MS.

The program has delivered a length-weighted average grade in total rare earth oxides (“TREO”) of 856 ppm for samples where the original analytical work by 4-Acid Digest/ICP-MS (on largely four-metre composites) returned assays above 300 ppm TREO-CeO<sub>2</sub>, the cut-off grade for the project’s Inferred Mineral Resources of 28 million tonnes @ 625 ppm TREO<sup>1</sup> hosted in clay-rich saprolite.

This represents a 3.8% increase in grade over the original assays which average 825 ppm (Table 1) in contrast to the more modest resource grade of 625 ppm that includes significant dilution in the grade estimate.

HRE earlier reported interim results from 67 two-metre composites from 16 holes drilled mainly in the southern part of the Cowalinya South resource (*refer to ASX announcement 4 October 2022*). For these samples a length-weighted average increase in TREO grade of 14.8% over the original assays was presented. The difference between that interim and this final (3.8% increase) result is likely due to spatial and compositional variation in rare earth-bearing phases across the resource, potentially linked to basement litho-types and long-lived weathering processes. This variation is being further investigated by HRE in the context of its metallurgical program.

The results from the Analytical (Re-Assay) Program confirm routine two-metre sample compositing for assay by Lithium Borate Fusion/ICP-MS (‘total digest’) as the basis for future grade estimation of rare earth mineralisation from the Company’s ongoing resource exploration and expansion drilling program at Cowalinya. Several batches of saprolite and end-of-hole basement samples from the drilling program have been delivered to LabWest Minerals Analysis in Perth for assay, with first results expected to be reported next month.

-- Ends --

This announcement has been approved by the Board of HRE.

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<sup>1</sup> Table 5.1 of Appendix 7 (Cowalinya Resource Report) of the Independent Geologist’s Report contained in HRE’s IPO Prospectus.

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**About Heavy Rare Earths Limited**

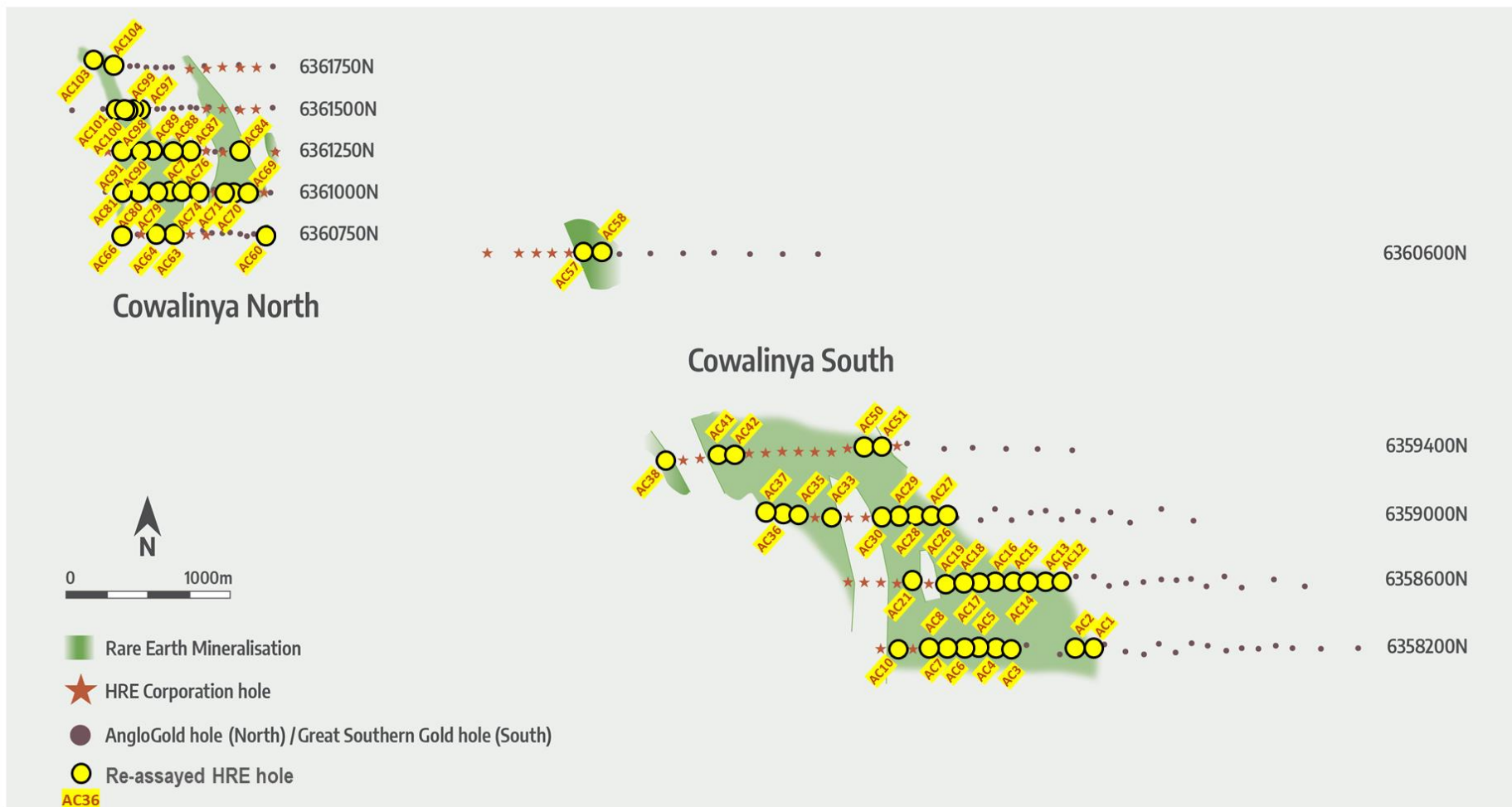
Heavy Rare Earths Limited (ASX:HRE) is an Australian rare earth exploration and development company. HRE's key exploration project is Cowalinya, near Norseman in Western Australia. This is a clay-hosted rare earth project with a JORC Inferred Resource of 28Mt @ 625 ppm TREO and a desirable rare earth composition where 25% are the valuable magnet rare earths and 23% the strategic heavy rare earths.

**Competent Persons Statement**

The Exploration Results contained in this announcement were compiled by Mr. Richard Brescianini. Mr. Brescianini is a member of the Australian Institute of Geoscientists (AIG). He is a director and full-time employee of Heavy Rare Earths Limited. Mr. Brescianini has more than 35 years' experience in mineral exploration and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 JORC Code.

The Mineral Resources contained in this announcement have been extracted from the Independent Geologist's Report included in the Company's Initial Public Offering (IPO) Prospectus, a copy of which was lodged with the Australian Securities and Investments Commission (ASIC) on 5 July 2022. The Company confirms that it is not aware of any new information or data that materially affects the Mineral Resources as contained in the Company's IPO Prospectus. All material assumptions and technical parameters underpinning the Mineral Resources in the Company's IPO Prospectus continue to apply and have not materially changed.

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**Figure 1: Plan view of Cowalinya deposit air core drilling.  
Drill holes for which re-assays are reported in Table 1 are shown in yellow.**

**Table 1: Summary of results from Cowalinya Analytical (Re-Assay) Program.**

**Assay comparisons are presented for composite samples that originally returned  $\geq 300$ ppm TREO-CeO<sub>2</sub> by 4-Acid Digest/ICP-MS.**

HOLE NO.	FROM (m)	TO (m)	INTERVAL (m)	Li BORATE FUSION RE-ASSAY PROGRAM		ORIGINAL 4-ACID DIGEST PROGRAM
				2m COMPOSITE (ppm TREO)	4m & 2m COMPOSITE EQUIVALENT (ppm TREO)	4m & 2m COMPOSITE (ppm TREO)
AC1	28	30	2	530	559	533
AC1	30	32	2	588		
AC1	32	34	2	844	1005	893
AC1	34	36	2	1166		
AC2	12	14	2	161	484	430
AC2	14	16	2	808		
AC2	16	18	2	1402	1296	1143
AC2	18	20	2	1190		
AC2	20	22	2	1368	1549	1409
AC2	22	24	2	1730		
AC2	24	26	2	986	1118	839
AC2	26	28	2	1251		
AC2	28	30	2	1193	1041	1227
AC2	30	32	2	888		
AC3	32	33	1	739	739	759
AC4	24	26	2	977	977	847
AC4	26	28	2	1194	1194	1158
AC4	28	30	2	922	922	770
AC4	30	32	2	1087	1087	943
AC4	32	34	2	955	955	1044
AC4	34	35	1	1292	1292	839

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AC5	24	26	2	625	646	497
AC5	26	28	2	667		
AC5	28	30	2	754	524	447
AC5	30	32	2	295		
AC5	32	34	2	1014	1298	1154
AC5	34	36	2	1582		
AC6	24	26	2	815	941	668
AC6	26	28	2	1068		
AC6	28	30	2	1175	1115	798
AC6	30	32	2	1056		
AC7	28	30	2	416	581	551
AC7	30	32	2	746		
AC8	20	22	2	719	845	710
AC8	22	24	2	972		
AC8	24	26	2	1414	1773	1360
AC8	26	28	2	2132		
AC10	16	18	2	607	780	722
AC10	18	20	2	952		
AC12	16	18	2	377	1345	712
AC12	18	20	2	2313		
AC12	20	22	2	1232	1025	1165
AC12	22	24	2	817		
AC12	24	26	2	601	398	468
AC12	26	28	2	196		
AC13	16	18	2	93	391	476
AC13	18	20	2	689		
AC14	20	22	2	785	701	531
AC14	22	24	2	616		
AC15	12	14	2	178	450	414
AC15	14	16	2	723		

AC15	16	18	2	438	432	448
AC15	18	20	2	425		
AC15	20	22	2	687	746	729
AC15	22	24	2	806		
AC16	12	14	2	741	741	630
AC16	14	16	2	724	724	702
AC16	16	18	2	620	620	599
AC16	18	20	2	616	616	588
AC16	20	22	2	838	838	695
AC16	22	24	2	1040	1040	826
AC16	24	26	2	1533	1533	1336
AC16	26	28	2	1679	1679	1351
AC16	28	30	2	1089	1089	924
AC16	30	31	1	868	868	631
AC17	28	30	2	1332	1187	1005
AC17	30	32	2	1042		
AC17	32	34	2	1266	1227	1200
AC17	34	36	2	1187		
AC18	16	18	2	1711	1078	856
AC18	18	20	2	444		
AC18	20	22	2	799	588	580
AC18	22	24	2	376		
AC19	12	14	2	348	566	563
AC19	14	16	2	784		
AC21	20	22	2	291	791	554
AC21	22	24	2	1292		
AC26	28	30	2	543	739	572
AC26	30	32	2	935		
AC27	20	22	2	482	676	478
AC27	22	24	2	871		

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AC27	24	26	2	644	531	637
AC27	26	28	2	418		
AC27	28	30	2	561	802	556
AC27	30	32	2	1043		
AC27	32	34	2	1341	984	1011
AC27	34	36	2	626		
AC28	12	14	2	462	462	663
AC28	14	16	2	1315	1315	1192
AC28	16	18	2	1468	1468	1026
AC28	18	20	2	1436	1436	1425
AC28	20	22	2	2807	2807	2336
AC28	22	24	2	1884	1884	1089
AC28	24	26	2	719	719	1129
AC28	26	28	2	427	427	415
AC28	30	32	2	682	682	533
AC28	32	34	2	908	908	565
AC28	34	36	2	1045	1045	933
AC28	36	38	2	936	936	825
AC28	38	39	1	1080	1080	766
AC29	20	22	2	3677	2769	2515
AC29	22	24	2	1861		
AC29	24	26	2	1614	2248	1645
AC29	26	28	2	2883		
AC29	28	30	2	846	1136	1101
AC29	30	32	2	1426		
AC29	32	34	2	2252	1419	1529
AC29	34	36	2	587		
AC30	20	22	2	443	476	482
AC30	22	24	2	509		

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AC30	24	26	2	282	379	420
AC30	26	28	2	477		
AC30	32	34	2	701	636	516
AC30	34	36	2	570		
AC33	16	18	2	1606	931	2249
AC33	18	20	2	256		
AC33	24	26	2	607	1019	635
AC33	26	28	2	1431		
AC35	16	18	2	365	1374	1035
AC35	18	20	2	2383		
AC35	24	26	2	1181	1063	910
AC35	26	28	2	945		
AC35	28	30	2	1106	920	887
AC35	30	32	2	735		
AC35	32	33	1	791	791	763
AC36	20	22	2	687	755	842
AC36	22	24	2	824		
AC36	24	26	2	617	698	608
AC36	26	28	2	780		
AC37	12	14	2	930	655	1149
AC37	14	16	2	379		
AC38	16	18	2	853	744	846
AC38	18	20	2	635		
AC41	10	12	2	299	299	608
AC41	14	16	2	1308	1308	2178
AC41	18	20	2	946	946	679
AC41	22	24	2	1001	1001	762
AC41	24	26	2	542	542	441
AC41	26	28	2	717	717	467
AC41	28	29	1	535	535	491

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AC42	12	14	2	1038	611	985
AC42	14	16	2	184		
AC50	20	22	2	726	712	790
AC50	22	24	2	698		
AC50	24	26	2	551	547	464
AC50	26	28	2	542		
AC50	28	30	2	700	616	517
AC50	30	32	2	533		
AC51	20	22	2	741	705	587
AC51	22	24	2	670		
AC57	16	18	2	936	936	756
AC58	20	22	2	443	705	733
AC58	22	24	2	967		
AC58	24	26	2	889	1198	1234
AC58	26	28	2	1506		
AC58	28	30	2	894	894	1048
AC60	20	22	2	591	522	748
AC60	22	24	2	453		
AC63	28	30	2	521	447	482
AC63	30	32	2	372		
AC64	24	26	2	450	493	536
AC64	26	27	1	579		
AC66	16	18	2	96	402	468
AC66	18	20	2	707		
AC66	28	30	2	421	693	766
AC66	30	32	2	965		
AC69	16	18	2	463	629	524
AC69	18	20	2	795		
AC70	20	22	2	1017	956	656
AC70	22	24	2	894		

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AC71	30	32	2	866	866	966
AC71	32	34	2	973	973	982
AC74	24	26	2	349	430	454
AC74	26	28	2	511		
AC76	24	26	2	406	509	501
AC76	26	28	2	612		
AC77	28	30	2	579	606	606
AC77	30	32	2	633		
AC78	28	30	2	671	771	571
AC78	30	32	2	870		
AC79	32	34	2	649	558	585
AC79	34	36	2	468		
AC79	36	38	2	534	529	559
AC79	38	39	1	519		
AC80	24	26	2	506	461	543
AC80	26	28	2	416		
AC81	24	26	2	3095	3033	3428
AC81	26	28	2	2970		
AC81	28	30	2	871	597	673
AC81	30	32	2	324		
AC81	32	34	2	517	349	639
AC81	34	36	2	181		
AC84	12	14	2	513	490	474
AC84	14	16	2	467		
AC84	16	18	2	602	464	529
AC84	18	20	2	326		
AC87	20	22	2	623	374	380
AC87	22	24	2	125		
AC88	28	30	2	467	472	517
AC88	30	32	2	477		

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AC88	32	34	2	598		
AC88	34	36	2	761	680	555
AC89	16	18	2	1299	1299	394
AC89	26	28	2	2133	2133	1956
AC89	28	30	2	1316	1316	1452
AC89	30	32	2	1040	1040	1491
AC89	32	34	2	906	906	1223
AC89	34	36	2	966	966	1076
AC89	36	38	2	815	815	953
AC89	38	40	2	681	681	777
AC89	40	42	2	794	794	869
AC89	42	43	1	979	979	887
AC90	32	34	2	1332		
AC90	34	36	2	1092	1212	1864
AC91	24	26	2	932		
AC91	26	28	2	411	672	686
AC97	24	26	2	580		
AC97	26	28	2	410	495	496
AC98	24	26	2	824		
AC98	26	28	2	564	694	665
AC98	28	30	2	451		
AC98	30	32	2	581	516	559
AC98	32	34	2	566		
AC98	34	36	2	843	704	695
AC99	20	22	2	724		
AC99	22	24	2	742	733	689
AC99	24	26	2	598		
AC99	26	28	2	626	612	626
AC99	28	30	2	440		
AC99	30	32	2	331	386	430

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AC100	20	22	2	317	317	466
AC100	22	24	2	615	615	602
AC100	24	26	2	846	846	1129
AC101	20	22	2	774	984	827
AC101	22	24	2	1194		
AC103	24	26	2	730	597	676
AC103	26	28	2	464		
AC104	20	22	2	672	687	555
AC104	22	24	2	702		
AC104	24	26	2	959	1046	812
AC104	26	28	2	1133		
AC104	28	30	2	1143	686	866
AC104	30	32	2	228		
AC104	36	38	2	418	367	525
AC104	38	39	1	266		
<b>LENGTH WEIGHTED AVERAGE</b>					<b>856 ppm</b>	<b>825 ppm</b>

**Table 2: Cowalinya air core holes for which re-assays by Lithium Borate Fusion/ICP-MS are reported.**

HOLE NO.	NORTHING (m)	EASTING (m)	DIP (°)	TOTAL DEPTH (m)
AC1	6358200	433200	-90	39
AC2	6358200	433100	-90	34
AC3	6358200	432700	-90	33
AC4	6358200	432600	-90	36
AC5	6358200	432500	-90	36
AC6	6358200	432400	-90	32
AC7	6358200	432300	-90	32
AC8	6358200	432200	-90	29
AC9	6358200	432100	-90	30
AC10	6358200	432000	-90	27
AC11	6358200	431900	-90	19
AC12	6358600	433000	-90	29
AC13	6358600	432900	-90	21
AC14	6358600	432800	-90	25
AC15	6358600	432700	-90	28
AC16	6358600	432600	-90	32
AC17	6358600	432500	-90	39
AC18	6358600	432400	-90	26
AC19	6358600	432300	-90	17
AC20	6358600	432200	-90	18
AC21	6358600	432100	-90	28
AC22	6358600	432000	-90	24
AC23	6358600	431900	-90	12
AC24	6358600	431800	-90	22
AC25	6358600	431700	-90	22
AC26	6359000	432300	-90	33
AC27	6359000	432200	-90	39
AC28	6359000	432100	-90	39
AC29	6359000	432000	-90	39
AC30	6359000	431900	-90	39
AC31	6359000	431800	-90	32
AC32	6359000	431700	-90	35
AC33	6359000	431600	-90	31

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AC34	6359000	431500	-90	30
AC35	6359000	431400	-90	33
AC36	6359020	431300	-90	31
AC37	6359040	431200	-90	21
AC38	6359335	430600	-90	22
AC40	6359360	430800	-90	16
AC41	6359365	430900	-90	30
AC42	6359380	431000	-90	22
AC43	6359385	431100	-90	32
AC44	6359392	431200	-90	26
AC45	6359400	431300	-90	21
AC46	6359400	431400	-90	32
AC47	6359400	431500	-90	28
AC48	6359400	431600	-90	23
AC49	6359420	431700	-90	15
AC50	6359430	431800	-90	35
AC51	6359435	431900	-90	26
AC52	6359435	432000	-90	20
AC53	6360600	429692	-90	28
AC55	6360600	429900	-90	27
AC56	6360600	430000	-90	24
AC57	6360600	430100	-90	21
AC58	6360600	430200	-90	30
AC60	6360750	428150	-90	27
AC61	6360750	427800	-90	21
AC63	6360750	427600	-90	34
AC64	6360750	427500	-90	27
AC65	6360750	427400	-90	30
AC66	6360750	427300	-90	35
AC67	6361000	428150	-90	21
AC68	6361000	428100	-90	21
AC69	6361000	428050	-90	22
AC70	6361000	427950	-90	28
AC71	6361000	427900	-90	35
AC72	6361000	427850	-90	35
AC73	6361000	427800	-90	29

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AC74	6361000	427750	-90	32
AC75	6361000	427700	-90	36
AC76	6361000	427650	-90	30
AC77	6361000	427600	-90	34
AC78	6361000	427550	-90	35
AC79	6361000	427500	-90	39
AC80	6361000	427400	-90	33
AC81	6361000	427300	-90	36
AC82	6361250	428200	-90	22
AC83	6361250	428100	-90	20
AC84	6361250	428000	-90	24
AC85	6361250	427900	-90	31
AC87	6361250	427700	-90	30
AC88	6361250	427600	-90	36
AC89	6361250	427500	-90	44
AC90	6361250	427400	-90	36
AC91	6361250	427300	-90	32
AC92	6361250	427200	-90	27
AC93	6361500	428100	-90	19
AC94	6361500	428000	-90	24
AC95	6361500	427900	-90	30
AC96	6361500	427800	-90	31
AC97	6361500	427450	-90	31
AC98	6361500	427400	-90	37
AC99	6361500	427350	-90	39
AC100	6361500	427300	-90	27
AC101	6361500	427250	-90	25
AC102	6361825	427050	-90	39
AC103	6361780	427150	-90	35
AC104	6361755	427245	-90	39
AC105	6361740	427700	-90	30
AC106	6361750	427800	-90	23
AC107	6361750	427900	-90	19
AC108	6361750	428000	-90	20

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**Table 3: Re-assays of 2-metre composites by Lithium Borate Fusion/ICP-MS.**

HOLE NO.	FROM (m)	TO (m)	INTERVAL (m)	Ce (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	La (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sc (ppm)	Sm (ppm)	Tb (ppm)	Th (ppm)	Tm (ppm)	U (ppm)	Y (ppm)	Yb (ppm)	TREE (ppm)
AC1	20	22	2	99	6.55	4.49	1.74	8.58	1.29	85.7	0.58	74	17.9	5	12.4	1.01	17.9	0.62	4.15	21.1	4.4	339
AC1	22	24	2	77.5	6.75	4.04	1.37	7.37	1.22	65.4	0.65	62.8	14.4	5	11.2	0.99	14.6	0.58	3.88	23.8	4.1	282
AC1	24	26	2	246	8.49	4.87	2.14	10.8	1.48	81.2	0.55	90.2	21.6	6	16	1.43	29.3	0.64	4.87	27.9	4.2	518
AC1	26	28	2	103	6.02	3.48	1.78	7.5	1.3	57.9	0.66	58.4	13.3	5	9.2	0.93	11.2	0.58	3.69	24.8	3.2	292
AC1	28	30	2	170	9.28	5.35	2.27	10.9	1.81	80.4	0.66	85.6	19.6	4	14.3	1.5	17	0.74	10.1	35.2	4.4	442
AC1	30	32	2	195	7.94	4.22	3.1	12.7	1.56	87	0.38	104	23	8	18.1	1.59	14.4	0.56	4.76	27.6	3.6	490
AC1	32	34	2	196	25.9	14.5	5.96	30	5	88.6	1.53	143	28.2	14	30.5	4.14	6.9	1.84	3.03	117	11	703
AC1	34	36	2	256	37.9	21.8	8.01	41.1	7.76	109	2.31	183	35	14	40.6	6.11	6.4	3.05	2.55	200	17.1	969
AC1	36	38	2	244	14.3	6.61	4.16	23	2.71	120	0.62	137	33	14	29.6	2.73	10.4	0.92	2.83	65.3	5.3	689
AC2	6	8	2	53.8	0.99	0.66	0.3	5.82	0.22	24.7	0.08	25.1	5.21	5	3.4	0.2	4.6	0.09	1.47	4.5	0.6	126
AC2	8	10	2	130	1.98	1.37	1.56	15.6	0.39	213	0.16	195	61.5	5	22.6	0.41	5.6	0.15	1.72	6.7	1.1	652
AC2	10	12	2	13.8	1.05	0.95	0.58	1.68	0.27	79.1	0.13	26.8	9.17	7	3.6	0.3	4.8	0.12	2.09	5.9	0.8	144
AC2	12	14	2	39.3	0.97	0.84	0.29	1.3	0.23	51.9	0.15	23.2	8.34	8	2.2	0.22	6.9	0.11	2.48	5	1	135
AC2	14	16	2	88.1	19.8	10.2	8.07	24.8	3.62	124	1.23	202	41.6	7	37.3	3.38	16.2	1.58	2.64	103	9.3	678
AC2	16	18	2	293	26.8	14.1	9.5	38.7	5.31	228	1.72	261	62.8	17	50.8	4.86	23.8	2.2	2.53	157	15.5	1171
AC2	18	20	2	307	20.5	11.7	7.75	25.6	3.82	208	1.33	210	45.1	13	36.8	3.37	15.2	1.5	2.25	101	10.1	994
AC2	20	22	2	387	22.2	11.5	7.72	28	4.11	242	1.36	217	46.3	12	38	3.9	14.1	1.63	2.76	119	10.2	1140
AC2	22	24	2	583	28.4	10.9	10.7	43	5.19	194	1.02	265	60	24	53.6	5.68	26.4	1.75	4.28	164	9.8	1436
AC2	24	26	2	337	13	5.53	5.9	19.2	2.11	146	0.48	160	35.8	7	28.5	2.61	16.2	0.74	3.19	60	4.3	821
AC2	26	28	2	422	16.4	7.95	7.19	25.4	2.76	180	0.66	207	46.7	9	37.8	3.29	17.6	0.89	4.89	78.6	4.7	1041
AC2	28	30	2	363	17.4	6.19	8.6	29.7	2.54	189	0.37	219	54.8	19	40.5	3.9	11	0.84	9.4	55.5	5.2	997
AC2	30	32	2	268	16.6	6.91	6.26	22.4	3.11	119	0.72	144	36.8	14	30.4	3.56	12.6	0.98	3.97	75.2	5.9	740
AC2	32	33	1	241	16.7	8.17	5.77	23	3.18	130	0.78	142	35.9	14	27.9	3.47	10.9	1.02	3.69	78.8	5.8	723
AC3	12	14	2	59.3	4.59	2.17	2.16	7	0.86	95.4	0.33	59.8	17.3	12	9	1.05	13.1	0.31	3.33	22.4	2	284
AC3	14	16	2	18.6	1.76	1.15	0.57	2.18	0.38	23	0.2	14.2	3.89	11	2.3	0.32	8.6	0.19	2.45	10.4	1.1	80
AC3	16	18	2	57.4	2.94	2.17	1.3	3.59	0.7	35.7	0.3	24.8	7.15	12	4.1	0.64	10.7	0.29	2.55	18.3	1.9	161
AC3	18	20	2	62.2	3.07	2.01	1.22	4.09	0.76	36.8	0.26	26	7.54	10	4.9	0.6	12.2	0.28	3.26	15.7	1.8	167

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AC3	20	22	2	105	4.14	1.55	1.76	5.34	0.68	47.7	0.12	37	10.5	10	7.1	0.84	15.8	0.2	4.12	14.3	1.3	238
AC3	22	24	2	95.2	4.19	2.63	1.71	5.9	0.81	49.7	0.25	40.4	11	9	7	1	15.2	0.27	3.76	18.7	1.4	240
AC3	24	26	2	66.8	3.61	1.75	1.75	4.87	0.69	38.2	0.19	34.7	9.71	8	5.9	0.77	11.4	0.29	2.17	12.9	1.6	184
AC3	26	28	2	58.1	2.8	1.47	1.42	3.65	0.5	27.5	0.19	25.3	7.21	6	4.4	0.59	9.2	0.22	2.87	14.3	1.3	149
AC3	28	30	2	33.7	2.06	1.04	1.26	2.18	0.42	18	0.16	16.6	4.6	7	2.6	0.37	6.7	0.17	3.27	9.1	1.2	93
AC3	30	32	2	254	7.25	2.34	3.76	14.6	1.11	151	0.14	130	38	22	23	1.55	9.6	0.22	9.71	20.4	1.3	649
AC3	32	33	1	232	7.67	2.6	4.27	15	1.23	115	0.27	141	38.4	22	27.4	1.7	6.7	0.32	1.71	28.3	2.2	617
AC4	16	18	2	57	5.58	2.28	2.87	9.69	0.98	45.3	0.36	48.4	9.97	14	10.9	1.28	13.6	0.38	2.79	19.9	2.4	217
AC4	18	20	2	149	7.26	4.03	2.81	9.45	1.64	80.5	0.53	54.1	14.2	14	10.5	1.8	29.7	0.53	3.37	28.5	4.2	369
AC4	20	22	2	157	4.24	2.51	1.45	5.5	0.92	39	0.39	32	9.02	14	6.3	0.77	12.9	0.4	9.54	21.2	2.8	284
AC4	22	24	2	250	4.67	2.99	1.37	5.17	0.98	38.3	0.61	37.5	10.5	14	6.1	0.83	19.3	0.57	10	26.8	3.8	390
AC4	24	26	2	306	16.3	8.48	5.45	16.9	3.08	138	1.14	173	43.2	8	29.6	2.54	21.5	1.15	4.5	61.5	8.4	815
AC4	26	28	2	213	26.2	13.7	10.2	36.5	5.07	192	1.59	234	56.8	18	45.3	4.88	18	2.19	4.75	142	14.9	998
AC4	28	30	2	226	18.7	9.26	5.72	20	3.47	149	1.1	169	40.6	7	31.3	2.82	18.8	1.35	4.3	83.3	8.7	770
AC4	30	32	2	312	22.4	10.6	6.79	23.8	3.72	156	1.01	186	44.1	14	36.2	3.41	15.5	1.24	4.79	90.5	8.2	906
AC4	32	34	2	295	14.7	6.69	5.34	18	2.58	162	0.76	157	40.6	14	26.9	2.56	11.9	0.82	4.23	58	5.5	796
AC4	34	35	1	377	23.1	11.8	7.09	23.9	4.24	199	1.17	215	54.4	13	40.6	3.57	12.2	1.36	3.28	105	9.8	1077
AC5	16	18	2	73	3.52	2.05	1	3.14	0.69	26.9	0.31	25	6.94	8	4.8	0.52	13.7	0.28	2.43	16.1	2	166
AC5	18	20	2	103	4	1.86	1.54	4.56	0.76	54.4	0.27	52.6	14	9	7.8	0.55	22.6	0.25	3.36	16.2	1.9	264
AC5	20	22	2	94.5	4.28	2.12	1.28	4.04	0.75	45.2	0.3	40	10.8	9	7	0.62	21.5	0.33	3.83	17.9	2.2	231
AC5	22	24	2	99.1	4.52	2.33	1.45	5.1	0.78	53.1	0.25	45	12.1	10	8	0.67	20.6	0.27	4.17	19.9	1.7	254
AC5	24	26	2	171	9.63	4.42	3.17	12.1	1.65	120	0.43	106	27.2	10	18.1	1.7	20.7	0.62	3.87	42.3	3.6	522
AC5	26	28	2	184	13.5	6.25	4.76	15.7	2.22	92.1	0.67	125	28.8	15	23.9	2.26	10	0.78	7.78	52	4.5	556
AC5	28	30	2	196	17.1	7.53	5.56	18.2	2.84	102	0.73	139	33.2	16	29	2.58	6.4	0.96	6.98	68.5	6.1	629
AC5	30	32	2	75	6.35	3.22	1.76	8.24	1.15	37.3	0.43	47.3	10.8	21	10.5	1.19	8.7	0.55	4	38	3.5	245
AC5	32	34	2	312	16.1	6.79	6.17	20.5	2.56	126	0.7	207	49.5	8	34.2	2.87	14.6	0.83	3.46	55.6	5.8	847
AC5	34	36	2	471	22.8	8.55	11	42.4	3.91	166	0.88	368	78.6	15	63.4	5.15	18.8	1.36	3.35	71.1	9.1	1323
AC6	16	18	2	102	5.37	3.33	2.26	5.33	1.02	35.4	0.44	41	9.73	10	8.1	0.71	12.3	0.41	2.35	25.3	2.8	243
AC6	18	20	2	144	6.24	3.63	2.78	7.28	1.24	54.5	0.5	60	14.9	9	10.7	1.07	16.7	0.41	3.98	32.3	3.2	343
AC6	20	22	2	179	9.07	4.94	3.4	9.8	1.69	85.3	0.62	85.6	21.6	10	15.2	1.5	22	0.66	4.01	45.5	4.8	469

AC6	22	24	2	69.8	4.12	2.31	1.41	3.88	0.81	29.6	0.35	34.6	8.42	17	7	0.64	9.8	0.34	3.9	20.7	2	186
AC6	24	26	2	272	11.6	5.42	4.24	12.2	1.91	150	0.65	113	33.6	19	22.3	1.81	10.3	0.63	5.32	45.1	4.3	679
AC6	26	28	2	372	11.5	4.81	5.15	18.5	2.04	197	0.51	147	43	28	27.4	2.29	10.8	0.69	5.5	52.4	5.1	889
AC6	28	30	2	406	13.6	5.68	5.74	16.6	2.25	220	0.56	167	50.6	20	34	2.38	14.3	0.62	8.08	50	3.8	979
AC6	30	32	2	370	13	5.84	5	14.9	2.06	183	0.62	153	44.7	16	29.5	2.33	13.7	0.76	9.05	49.9	4.5	879
AC7	26	28	2	102	3.48	1.77	1.79	4.23	0.63	38.3	0.16	38.6	10.3	13	7.1	0.69	9.9	0.22	4.53	15.5	1.3	226
AC7	28	30	2	133	6.38	3.16	2.71	6.78	0.99	64.9	0.29	67.6	18.1	12	14.1	1.09	10.6	0.4	4.34	24.8	2.2	347
AC7	30	32	2	241	9.13	3.75	4.05	15.6	1.63	124	0.36	122	30.7	18	22.5	1.87	9.6	0.66	3.7	41.3	3.6	622
AC8	16	18	2	132	1.06	0.49	0.79	1.09	0.2	128	0.11	18.6	8.22	10	2.3	0.16	8.2	0.08	1.69	4.2	0.5	298
AC8	18	20	2	198	3.94	2.81	1.26	3.48	0.78	162	0.26	40.3	15.7	14	6.1	0.62	11.5	0.34	1.54	26.6	2.2	464
AC8	20	22	2	283	5.14	1.87	2.17	5.68	0.77	158	0.23	79.1	27.8	13	12.8	0.84	15.3	0.28	4.15	18.9	1.2	598
AC8	22	24	2	298	19.4	8.77	6.85	21.2	3.02	119	0.72	176	42.6	15	37.6	3.3	8.2	0.91	5.64	67.8	5.7	811
AC8	24	26	2	358	38.5	18.8	12.2	39.4	6.59	122	1.86	280	60.2	18	62.8	6.08	7.2	2.33	8.78	157	13.2	1179
AC8	26	28	2	400	77.7	44	18.7	72.5	14.7	116	4.55	397	76	18	95.2	11.8	4.6	5.64	7.36	405	33.3	1772
AC9	16	18	2	37.9	2.72	1.93	1.25	1.62	0.59	59.8	0.31	17	5.35	10	2.7	0.36	9	0.35	3.99	16.5	2.4	151
AC9	18	20	2	108	4.84	3.84	2.29	4.38	1.01	75.3	0.53	44.3	12.1	11	6.8	0.7	13.6	0.57	4.01	28.4	3.4	296
AC9	20	22	2	79.6	3.06	1.85	2.41	2.69	0.54	59.5	0.27	31.2	9.55	13	5.2	0.45	9	0.26	3.46	15.1	1.7	213
AC9	22	24	2	99.6	4.21	2.07	3.51	4.72	0.79	56	0.27	47.7	12.7	10	9.2	0.77	6.4	0.28	3.13	18	1.6	261
AC9	24	26	2	96.2	3.38	1.61	2.29	5.07	0.71	54.2	0.26	33.8	9.42	14	5.6	0.67	3.8	0.27	3.56	17.4	1.6	232
AC9	26	28	2	248	20.9	11.2	7.2	27	4.42	104	1.46	122	32.6	13	23.8	3.74	5.1	1.49	5.87	128	10.2	746
AC9	28	29	1	194	39.5	24.8	9.86	43.6	8.89	54.6	3.61	152	31.8	14	34.6	6.26	2.8	3.1	3.25	270	20.8	897
AC10	16	18	2	60.8	11.8	6.15	4.54	15.7	2.3	170	1.06	116	33.8	10	19.2	2.17	16.2	0.78	2.58	60.8	5.7	511
AC10	18	20	2	206	16	8.21	6.88	23.4	3.29	204	1.07	161	45.8	14	27.5	3.08	26	0.96	3.21	82.2	6.8	796
AC10	20	22	2	92.7	6.78	3.8	2.05	8.28	1.37	66.6	0.67	53	14.7	10	9.1	1.12	20	0.61	2.87	40	3.6	304
AC10	22	24	2	222	3.08	1.96	1.55	5.16	0.73	154	0.28	59.8	20.6	15	6.5	0.59	16.3	0.31	4.15	18.6	2.4	498
AC10	24	26	2	112	2.78	1.82	1.14	2.9	0.5	62.8	0.32	28.8	10.4	6	3.8	0.46	10.5	0.24	2.06	16.3	1.4	246
AC11	16	18	2	206	3.61	2.12	1.55	4.7	0.64	121	0.31	51.2	19.5	17	6	0.67	19.7	0.26	3.71	18.9	2	438
AC12	16	18	2	73.4	5.9	3.32	0.6	7.03	1.31	101	0.58	56.4	18.4	7	8.6	0.98	13.2	0.45	2.37	33.4	3.8	315
AC12	18	20	2	657	33	14.3	8.18	56.5	6.15	430	1.33	385	107	10	67.9	6.75	39.4	1.72	7.03	146	10	1931
AC12	20	22	2	569	14	7.03	2.82	19.6	2.86	137	1.01	122	34.3	8	24.1	2.69	30	0.91	3.63	74.9	6.5	1019

AC12	22	24	2	351	11.7	5.76	2.04	14.5	2.22	93.7	0.82	88	24.6	8	16.9	2	21.5	0.85	3.02	56.3	5.7	676
AC12	24	26	2	141	11.6	5.63	2.19	16	2.39	112	0.72	100	27.4	8	18.6	2.22	15.1	0.78	1.96	56.3	4.8	502
AC12	26	28	2	43.6	3.54	1.91	0.84	4.76	0.73	45.3	0.27	27.3	8.53	8	5.4	0.68	4.1	0.28	0.85	18.6	1.6	163
AC13	16	18	2	23	2.33	1.54	0.24	1.9	0.51	21	0.26	7.3	2.26	12	1.8	0.27	7.1	0.27	2.51	12.8	2.2	78
AC13	18	20	2	160	12.4	6.37	1.97	16.3	2.35	138	0.96	118	36.3	10	21.8	2.28	18.7	0.89	4.44	52.7	5.8	576
AC14	12	14	2	22.7	1.75	1.36	0.67	1.54	0.42	10.4	0.3	6.3	1.83	7	1.4	0.22	6.5	0.23	2.11	10.7	1.6	61
AC14	14	16	2	117	5.99	3.32	1.87	5.33	1.05	44.1	0.47	40.2	10.9	7	8	0.84	15.1	0.44	2.44	25.6	3.8	269
AC14	16	18	2	152	7.48	4.51	2.26	7.59	1.21	98.5	0.58	66.1	18.8	9	12.2	1.05	21	0.5	2.83	31.4	4.5	409
AC14	18	20	2	116	5.75	3.2	1.75	6.36	1.12	49.3	0.44	46.2	12.3	7	8.8	0.88	15.9	0.43	2.56	25.1	3.6	281
AC14	20	22	2	262	15.2	7.98	2.34	14.8	2.51	118	0.94	105	27.4	9	22	2.15	30.6	0.92	3.44	64.2	7.7	653
AC14	22	24	2	209	12.4	6.08	1.83	11.8	2.02	93.3	0.69	76.8	20	9	16.3	1.72	21.9	0.82	2.39	53.2	5.7	512
AC15	12	14	2	38.2	3.83	2.38	0.58	3.47	0.74	37.7	0.41	21.8	5.68	8	3.9	0.56	8.5	0.47	2.43	24.9	3.3	148
AC15	14	16	2	153	20.3	13.5	3.87	17	3.71	110	1.93	102	26.3	9	21.3	2.82	24.9	1.72	3.98	111	13.5	602
AC15	16	18	2	112	10.3	6.04	2.08	9.93	1.85	75.8	0.88	56.6	15.5	6	11.5	1.39	16.3	0.73	2.88	52.8	7	364
AC15	18	20	2	77.8	13.1	9.19	1.95	10.9	2.62	63.1	1.21	58.8	15.6	7	12.8	1.57	13.4	1.07	3.05	75.4	8.8	354
AC15	20	22	2	141	20	12.8	2.75	18.6	3.68	104	1.35	99.2	25.1	7	21	2.85	20.1	1.56	4.65	107	10.7	572
AC15	22	24	2	179	22.4	13.9	3.14	23.6	4.24	114	1.63	122	29.5	8	25.3	3.29	25.9	1.6	4.87	116	11.4	671
AC15	24	26	2	143	16.9	10	2.1	20.6	3.47	109	1.36	111	27.9	10	21.9	3.14	24.9	1.76	3.97	111	10.3	593
AC15	26	27	1	148	16.8	9.9	2.5	17.2	2.94	94	1.15	96.3	24.4	6	20.5	2.48	23.9	1.15	3.55	81.8	8.8	528
AC16	12	14	2	298	13	8.34	2.55	12.9	2.48	82.3	1.02	83.7	22.4	8	16	1.77	28.2	1.04	4.4	60.4	7.5	613
AC16	14	16	2	207	16.1	7.09	3.35	15.7	2.59	104	0.94	120	33.6	11	23.5	2.44	32.7	0.97	4.84	59.3	6.9	603
AC16	16	18	2	160	16	9.39	3.18	14.6	2.88	88.1	1.17	94.2	24.1	9	18.7	2.09	26.3	1.19	4.61	71.2	9.3	516
AC16	18	20	2	154	15.9	8.49	2.98	14.8	2.91	87	1.23	105	26.7	9	21.3	2.22	23.4	1.16	4.3	60.8	9.3	514
AC16	20	22	2	235	19.6	10.9	4.55	20.5	3.43	107	1.24	140	35.8	9	30.6	2.84	25	1.34	4.83	75.8	10.4	699
AC16	22	24	2	283	25.6	13.6	6.06	26.2	4.27	137	1.69	173	42.3	8	36.1	3.68	24.3	1.56	5.32	101	12.1	867
AC16	24	26	2	276	49.2	21.9	9.96	48.5	7.87	218	2.51	278	70.6	9	56	6.98	25.4	2.91	7.22	212	19.2	1280
AC16	26	28	2	226	54.3	30.8	10.6	57.1	9.97	259	3.27	304	71.7	7	64.1	7.58	19.8	3.59	5.91	276	24.7	1403
AC16	28	30	2	225	29.2	17.4	5.08	31.5	6.36	166	2.07	175	43.2	5	38.5	4.44	23.1	1.87	5.49	148	14.2	908
AC16	30	31	1	267	21	10.4	4.11	19.5	3.67	102	1.24	130	33.7	10	26.6	3.03	26.8	1.32	6.5	89.6	8.2	721
AC17	16	18	2	28.8	2.09	1.46	0.68	1.67	0.4	18.5	0.21	13.8	3.86	10	3.3	0.33	9.1	0.18	2.93	10	1.1	86

AC17	18	20	2	72.6	5.73	4.09	1.1	4.95	1.05	46.2	0.5	38.2	9.92	8	7.8	0.86	10.9	0.4	2.35	28.3	3.6	225
AC17	20	22	2	117	8.76	5.5	1.87	9.44	1.77	73.2	0.83	59.7	16.4	7	11.7	1.45	17.2	0.64	3.03	50.5	4.9	364
AC17	22	24	2	98.6	7.19	4.46	1.63	7.68	1.43	60.4	0.6	55.3	14	6	10.1	0.98	14.1	0.44	2.9	37.4	4.4	305
AC17	24	26	2	110	5.94	4.25	1.7	6.8	1.26	59.9	0.41	53.3	13.9	9	9.6	1.14	15.9	0.48	3.36	31.9	3.9	304
AC17	26	28	2	226	9.31	4.48	3.03	11.7	1.65	113	0.5	90.8	26.4	16	17.5	1.62	15.1	0.41	7.08	37.3	3.5	547
AC17	28	30	2	434	25.2	9.82	7.24	27.5	3.94	196	0.92	197	57	22	35.8	4.16	9	1.14	6.53	102	6.6	1108
AC17	30	32	2	191	36.3	24.1	7.69	35.6	7.91	72	2.9	154	32.4	21	41	5.81	4.1	2.38	1.67	230	20.2	863
AC17	32	34	2	291	36.6	22.5	6.88	36.9	7.94	138	2.44	172	41.4	20	36.9	5.5	2.9	2.08	1.34	231	18.4	1050
AC17	34	36	2	210	41.2	28.6	6.69	38.4	9.42	101	3.28	143	31.6	14	35.7	6.37	8.5	2.78	2.41	301	22.2	981
AC17	36	38	2	178	40.5	19.8	6.88	34.7	7.63	77.3	2.33	120	25.7	16	28.3	5.5	7.6	2.66	2.26	222	16.6	788
AC18	16	18	2	180	40.1	17.2	19.9	56.6	6.88	287	1.78	457	110	12	97.8	8.29	47.8	1.73	2.32	144	13.6	1442
AC18	18	20	2	116	7.9	3.83	3.64	10.9	1.52	72.9	0.61	76.6	19.4	14	15.2	1.51	25.1	0.43	3.02	37.2	3.3	371
AC18	20	22	2	243	15	7.25	4.63	17.1	2.92	105	0.82	117	28.5	13	24.7	2.44	24.3	0.72	4.2	88.2	6.7	664
AC18	22	24	2	116	5.2	2.99	2.05	6.35	1.13	61.8	0.38	57.3	14.4	6	10.1	1.07	13.3	0.29	3.26	31.3	2.5	313
AC18	24	25	1	135	7.58	5.03	2.16	9.31	1.65	59.5	0.57	63.6	15.4	13	13	1.4	19.9	0.45	4.31	48.8	4.3	368
AC19	12	14	2	134	2.13	1.7	1.07	3.24	0.63	82.4	0.3	28	11.4	8	2.8	0.39	9.1	0.22	1.59	18.1	2.6	289
AC19	14	16	2	277	8.08	4.71	3.92	13.3	2.14	127	0.75	105	31.6	9	14.5	2.42	16.6	1.01	2.63	54.6	5.2	651
AC20	16	18	2	92.4	1.4	1.19	0.5	1.84	0.41	68.5	0.17	21.7	9.2	16	1.6	0.27	17.1	0.15	1.95	12.2	1.7	213
AC21	18	20	2	98.4	1.78	1.19	0.64	2.29	0.46	62.8	0.26	23.9	9.48	12	2.4	0.35	13.4	0.17	1.44	15.1	1.6	221
AC21	20	22	2	84.7	6.89	3.82	1.35	5.91	1.39	49.5	0.54	32	9.25	16	5.5	0.95	18.6	0.59	4.72	35.5	3.6	241
AC21	22	24	2	300	32.2	18.3	10.9	53	7.5	85.4	2.25	242	50.1	34	49.2	7.63	12.7	2.33	12.6	194	19.7	1075
AC21	24	26	2	218	26.8	15.6	8.08	41.7	6.43	70.7	1.89	172	36.3	25	36.1	6.05	5.5	1.85	11.8	180	16	838
AC21	26	27	1	345	59.5	26	15	58.2	9.9	99.9	2.71	288	60.7	18	68	8.68	9.8	3.36	8.72	234	21	1300
AC22	8	10	2	19.6	0.9	0.92	0.56	1.14	0.32	24	0.14	5.2	1.63	7	0.8	0.2	4.5	0.12	1.23	8.1	1.4	65
AC22	10	12	2	130	0.92	0.59	0.92	1.57	0.2	99.8	0.15	21.6	9.94	25	2.6	0.3	10.7	0.09	1.6	5.6	0.9	275
AC22	12	14	2	210	1.13	0.78	0.99	2.28	0.24	152	0.1	39.2	18.1	37	2.9	0.35	14	0.03	1.87	5.9	0.7	435
AC22	14	16	2	66.5	1.01	0.67	0.79	1.39	0.31	47.6	0.14	14.4	6.18	15	1.8	0.19	11	0.08	2.01	7.3	1.1	149
AC22	16	18	2	152	2.52	2.14	0.98	3.98	0.75	97.2	0.36	43.8	16.8	14	4	0.43	18.3	0.23	1.97	23.1	2.7	351
AC22	18	20	2	131	3.48	2.36	2	7.16	0.93	66.1	0.36	62.2	17.9	8	8.7	0.93	16.5	0.32	2.33	25.9	2.9	332
AC22	20	22	2	209	8.07	5.98	3.28	12.7	2.11	106	0.71	108	28.8	11	15.3	1.99	20.3	0.6	3.55	65	6.3	574

AC22	22	23	1	81.9	2.84	1.89	1.72	5.23	0.83	39.7	0.22	38.4	9.79	10	5.2	0.61	10.8	0.25	6.14	24.6	2.5	216
AC23	6	8	2	37.8	0.54	0.67	0.4	1.08	0.14	29.4	0.15	8.1	2.98	26	0.6	0.12	10.2	0.11	1.41	4.6	0.8	87
AC23	8	10	2	121	2.47	1.93	1.95	4.54	0.54	61.2	0.33	45.2	13.8	13	5.6	0.6	12.4	0.29	1.8	15.5	2.5	277
AC23	10	11	1	340	5.54	2.36	3.94	8.95	0.87	170	0.33	132	40.6	16	19	1.42	10.6	0.29	3.7	13.6	2	741
AC24	16	18	2	29.6	4.15	2.32	1.29	4.54	0.89	10.1	0.35	21.3	4.66	16	5.2	0.68	11.3	0.39	4.75	21	2.7	109
AC24	18	20	2	88	4.15	3.11	1.84	4.94	0.92	36	0.5	44.8	12.5	10	7.1	0.7	10.7	0.34	3.07	25.5	2.8	233
AC24	20	21	1	122	4.09	2.5	2.79	6.41	1.03	57.7	0.32	77.7	17.8	11	12.5	1	9.5	0.43	2.49	21.5	2.6	330
AC25	12	14	2	131	1.06	0.71	1.54	1.74	0.12	68.1	0.09	36.3	13.2	20	3.6	0.23	7.3	0.07	1.82	3.6	0.5	262
AC25	14	16	2	160	1.61	0.88	1.52	2.61	0.32	77.2	0.14	49.9	17.4	15	5.7	0.3	8.8	0.16	1.74	6.4	1.1	325
AC25	16	18	2	87.8	2.54	1.36	1.77	4.22	0.41	35.2	0.18	41.7	12	12	7.3	0.55	10.6	0.21	2.23	11.8	1.6	209
AC25	18	20	2	148	3.98	2.07	1.93	5.51	0.84	67.8	0.39	55.8	17.4	25	8.9	0.75	10.8	0.31	9.36	20.1	2.1	336
AC26	20	22	2	52	7.83	5.83	1.37	7.32	1.75	61.8	0.97	46.1	12.8	16	9.8	1.29	21.4	0.93	3.4	41	4.7	255
AC26	22	24	2	75.7	10.8	6.97	1.32	11.4	2.25	67	0.9	68.5	17.5	11	13.9	1.87	20	1.09	2.77	58.2	6.2	344
AC26	24	26	2	85.4	13.5	10.2	2.17	11.1	3.03	61.1	1.41	63.4	17	16	13.8	2.1	22.2	1.37	3.91	80.9	9.8	376
AC26	26	28	2	101	10.5	7.01	2.72	10.7	2	59	1.03	66.5	17.7	15	12	1.56	17.7	1.02	3.8	53.7	6.2	353
AC26	28	30	2	143	11.3	7.31	3.4	11.6	2.29	78.1	1.07	81.7	22.1	13	16.5	2.2	16.6	1.08	3.82	62.8	7.5	452
AC26	30	32	2	257	22.3	10.6	5.82	24.2	3.84	129	1.27	160	40.9	10	30.7	3.59	28.1	1.39	8.43	79.7	9.6	780
AC27	16	18	2	57.4	0.4	0.19	0.25	0.86	0.08	73.5	0.03	8.8	3.59	29	0.6	0.06	18.7	0.05	6.95	1.9	0.2	148
AC27	18	20	2	88	1.95	0.73	0.88	3.17	0.29	75.4	0.11	25.4	8.5	51	3.9	0.48	13.1	0.14	4.9	8.5	0.6	218
AC27	20	22	2	151	6.4	1.9	3.25	12.9	1.01	64.4	0.09	91.7	23	46	18.9	1.6	13.8	0.24	5.31	24.3	1.3	402
AC27	22	24	2	237	28.6	9.63	7.44	31.8	4.08	90.4	0.87	161	39.1	26	35.9	4.47	16.2	1.2	28.8	68.7	7.3	727
AC27	24	26	2	134	24	12.4	5.64	22.3	4.7	52.7	1.24	105	22	27	24.9	3.52	4.1	1.57	2.86	113	8.6	536
AC27	26	28	2	58.2	18.2	12.4	3.01	14.8	4.29	28	1.43	45.1	9.19	20	10.9	2.52	4.5	1.71	2.47	125	10.4	345
AC27	28	30	2	86.2	24.2	13.8	4.73	22.7	5.28	29.7	1.51	80.4	14.6	23	22.1	3.55	4.3	1.61	2.51	143	11.2	465
AC27	30	32	2	220	34.1	19.9	5.3	30.7	7.41	104	2.06	143	31.2	19	30.9	4.59	9.7	2.6	4.09	214	14.5	864
AC27	32	34	2	380	39.4	16.3	7.24	39	6.55	150	1.82	208	51	18	43.9	5.73	15.8	2.22	9.94	151	13.9	1116
AC27	34	36	2	184	13.9	7.11	2.06	14.7	2.76	86.8	0.7	93	23.2	10	17.5	1.91	16.4	0.85	8.59	66.3	5.7	520
AC27	36	38	2	168	17.3	9.35	3.39	16.3	3.52	81.8	1.01	92.1	22.7	19	20.7	2.6	14.2	1.2	6.32	100	7.6	548
AC28	12	14	2	28.9	12	6.13	4.46	12.4	2.26	97.3	0.72	112	26.3	16	18.3	1.69	21	0.81	3.25	60.1	5.1	388
AC28	14	16	2	96	37.6	24.2	11.5	39	8.27	242	2.51	252	58.2	29	48.8	5.8	33.9	2.66	6.29	252	18.3	1099

AC28	16	18	2	111	38.8	19.8	14.3	47.9	7.58	267	1.88	318	73.1	20	60.8	6.37	30.5	2.59	9.1	246	14	1229
AC28	18	20	2	186	45.8	20.7	13.9	48.8	7.97	211	2.33	276	63.8	19	54.8	6.82	28.9	2.73	8.29	242	16.8	1199
AC28	20	22	2	184	92	42.4	36.2	115	16.4	387	3.65	702	144	23	147	15.8	16.4	4.82	9.04	436	30.3	2357
AC28	22	24	2	98.1	63.9	34.1	22.8	77.9	12.9	258	3.17	418	84.2	20	87.2	10.6	14.4	3.93	8.32	378	23.5	1576
AC28	24	26	2	73.5	23.5	12.4	8.25	28.2	4.51	94.9	1.02	159	32.3	7	32.5	3.72	14.4	1.43	3.16	118	8.9	602
AC28	26	28	2	42.4	14.9	8.25	4.6	14.6	2.92	54	0.92	79.9	16.4	12	17.9	2.15	9.1	1.01	3.6	90.1	5.9	356
AC28	28	30	2	97.4	8.09	4.91	1.96	8.17	1.61	61.1	0.5	55.8	13.9	14	10.4	1.2	12.1	0.52	6.76	49.2	3.8	319
AC28	30	32	2	170	17.2	8.04	5.4	17.7	3.07	85.6	0.72	116	26.3	16	21.6	2.57	11.3	0.88	13.9	86.2	6	567
AC28	32	34	2	259	22.4	8.51	6.55	23.5	3.47	101	0.92	166	41.2	21	32.4	3.45	15.2	1.12	10.3	80.3	6.9	757
AC28	34	36	2	270	21.8	11.5	6.76	25.1	4.28	106	1.43	205	44.1	12	38.5	3.76	13.4	1.48	5.2	121	9.7	870
AC28	36	38	2	218	24.3	13.5	6.22	27.3	4.86	95.6	1.64	158	34	15	32	4.1	15.5	2.13	8.74	142	14.8	778
AC28	38	39	1	274	26.9	12.9	7.55	35.6	5.18	108	1.43	186	43.3	17	36.7	5	8.8	1.87	4.52	140	14.3	899
AC29	20	22	2	817	96.4	36	34.9	110	14.5	562	3.87	720	187	17	139	15.1	25.9	4.51	38.2	308	29.5	3078
AC29	22	24	2	795	29	12.7	11.2	37.6	5.18	176	1.16	233	59.7	18	46.7	5.73	19.2	1.92	7.12	115	11.6	1541
AC29	24	26	2	554	29.7	15.5	9.72	35.6	5.69	196	1.95	230	54.8	21	43.1	5.58	21.2	2.52	6.26	140	16.8	1341
AC29	26	28	2	637	66.4	31.1	23.5	88.4	12	390	2.79	554	135	26	106	13.2	19.7	4.38	8.57	314	29.4	2407
AC29	28	30	2	330	20.8	9.57	5.09	20.1	3.78	69.7	1.24	90.1	21.4	14	19	2.89	17.1	1.29	6.82	95.9	8.1	699
AC29	30	32	2	194	40.1	18.8	13.1	51.4	7.43	212	1.89	294	72.9	18	57.5	7.43	16.3	3.04	4.61	200	19.8	1193
AC29	32	34	2	257	66.4	33.4	19.8	81.5	13.1	368	3.51	430	105	28	80	12.5	13.3	5.12	4.74	373	34	1882
AC29	34	36	2	121	15.1	8.36	4.34	18	2.9	86.6	0.99	87.4	22.9	17	16.6	2.39	15.1	1.23	5.05	91.8	8.8	488
AC29	36	38	2	108	12.3	5.62	3.16	12.3	2.16	57.2	0.67	56.6	14.2	14	12.3	1.61	14.7	0.75	5	53.7	5.2	346
AC29	38	39	1	116	7.78	3.57	2.7	9.85	1.46	52.6	0.5	56.8	14	9	11.4	1.53	11.1	0.64	3.89	41.9	5	326
AC30	18	20	2	54.6	7.06	3.46	1.99	8.12	1.44	55.6	0.47	49.7	13.3	15	9.3	1.36	21.7	0.58	5.47	35.4	3.8	246
AC30	20	22	2	90.9	9.52	4.79	2.62	11.2	1.86	80.2	0.48	77.6	19.7	10	13.2	1.61	22.7	0.76	3.69	50.8	4.8	370
AC30	22	24	2	97.5	9.09	4.23	3.06	11.5	1.75	118	0.52	86.5	24.9	15	14	1.71	22.6	0.72	5.07	47.5	4.8	426
AC30	24	26	2	56.4	5.79	3.24	2.22	7.69	1.13	53.7	0.27	43.8	12.1	14	7.9	1.21	12.1	0.45	7.38	36.2	3.3	235
AC30	26	28	2	100	10.5	5.56	3.29	12.6	1.91	81.2	0.56	73.3	17.7	18	14.3	1.7	17.2	0.72	8.14	67.8	5.8	397
AC30	28	30	2	99	8.63	3.98	2.78	8.7	1.46	53.4	0.51	54.5	14.2	13	10.5	1.13	18	0.57	8.82	36	3.4	299
AC30	30	32	2	428	13.8	4.35	5.76	22.1	2.24	236	0.45	182	53.2	15	30.8	3	13.4	0.68	8.87	47.5	4.4	1034
AC30	32	34	2	215	12.5	5.86	4.54	16.7	2.35	97.9	0.61	115	29.2	24	23	2.1	10.5	0.65	24	53.5	5	584

AC30	34	36	2	139	13.6	7.03	4.24	17.6	3.26	67.6	0.81	96	21.3	26	20.6	2.5	8.5	0.93	7.95	74.5	5.7	475
AC30	36	38	2	133	21.3	12.2	5.99	25.8	5.03	56.4	1.31	107	22.5	23	26.1	3.64	7.8	1.78	2.74	130	10.4	562
AC31	24	26	2	34.3	0.97	0.8	0.53	1.04	0.18	20.3	0.08	11.5	3.41	6	1.6	0.19	4.7	0.06	2.22	5.7	0.5	81
AC31	26	28	2	106	9.32	5.17	2.98	11.1	2.18	45.8	0.67	58.2	14.7	11	13.2	1.6	7.4	0.75	7.76	58.5	4.7	335
AC31	28	30	2	126	20.3	12.5	6.31	23.8	5.01	43.5	1.38	105	20.4	20	25	3.75	2.7	1.74	3.52	134	9.6	538
AC31	30	31	1	49.9	3.5	1.91	1.51	3.83	0.78	24.6	0.14	23.5	5.84	16	4.6	0.63	3.3	0.22	1.2	21	0.9	143
AC32	24	26	2	26	2.82	1.4	1.19	3.56	0.61	28.2	0.16	25.1	6.41	13	3.9	0.42	8.9	0.15	3.63	16.2	1.2	117
AC32	26	28	2	15.8	2.26	1.6	1.05	3.03	0.54	16.6	0.2	16.6	4.17	10	3.3	0.41	5.5	0.19	5.47	13.6	1	80
AC32	28	30	2	46.2	2.58	1.03	1.49	2.91	0.37	24	0.11	22	5.97	6	4.1	0.43	7	0.13	3.06	9.9	0.9	122
AC32	30	32	2	137	8.3	5	3.17	10.2	1.86	63.7	0.48	66.7	16.6	17	13.3	1.43	6.5	0.59	3.62	45.8	3.4	378
AC32	32	34	2	130	15.2	8.51	4.51	15.5	3.3	60	0.88	88.4	19.8	15	20	2.49	8.3	1.01	2.32	79.9	6.8	456
AC33	16	18	2	621	4.75	0.94	8.19	13.1	0.59	270	0.11	287	83.4	16	40	1.56	9.9	0.06	1.53	7.7	0.8	1339
AC33	18	20	2	73.8	2.65	0.95	1.75	3.96	0.35	57.5	0.11	44.8	14.2	13	7.2	0.58	14.1	0.11	3.39	5.7	0.8	214
AC33	20	22	2	58.6	1.34	0.74	0.97	1.95	0.22	29.6	0.1	26.2	7.3	9	4.3	0.32	5.9	0.09	2.36	4.3	0.7	137
AC33	22	24	2	54.4	1.84	0.59	0.81	2.28	0.34	14.6	0.11	16.3	4.14	14	3.9	0.36	6.3	0.13	9.15	6.4	0.6	107
AC33	24	26	2	254	7.67	3.84	3.08	9.94	1.37	87.9	0.43	72	21.3	23	14	1.48	20.6	0.6	8.47	23.3	3.2	504
AC33	26	28	2	368	36.1	19	16.1	49.7	7.71	128	1.93	249	50.8	38	56	6.86	11.5	2.38	4.74	184	15.5	1191
AC33	28	30	2	161	38.8	27.5	7.97	34.3	8.65	63.3	3.46	103	21.2	25	25.2	4.88	6.9	3.41	2.61	252	26.8	781
AC33	30	31	1	112	22.3	13.2	5.7	20.1	4.52	50.2	1.55	68.6	15.6	16	15.2	2.99	6.8	1.67	2.3	134	11.7	479
AC34	16	18	2	101	0.46	0.38	0.28	0.97	0.14	75.9	0.13	18.6	8.35	11	1	0.06	9.3	0.07	1.82	2.6	0.6	211
AC34	18	20	2	34	0.36	0.23	0.22	0.54	0.06	26.7	0.05	6.8	2.6	13	0.7	0.04	6.4	0.01	2.13	1.8	0.3	74
AC34	20	22	2	68.9	0.61	0.58	0.36	1.21	0.11	41.8	0.08	16.1	6.06	18	0.9	0.12	6.2	0.07	2.32	2.8	0.3	140
AC34	22	24	2	55.1	1.27	0.59	0.4	1.29	0.16	32.4	0.16	13.2	5.44	24	1.3	0.13	4.1	0.1	2.15	6.2	0.9	119
AC34	24	26	2	134	4.4	3.25	1.86	5.86	0.95	67.2	0.5	57.3	16.5	23	6.8	0.68	7.8	0.51	4.57	31.6	3.8	335
AC34	26	28	2	107	8.24	4.67	3.63	8.86	1.72	45.8	0.73	59.4	14	23	10.9	1.28	7.5	0.58	3.3	46.8	5.4	319
AC34	28	29	1	107	15.7	10.4	5.98	17.9	3.37	46	1.19	68.3	14.8	23	16.2	2.49	7.3	1.31	2.63	94.4	9.1	414
AC35	16	18	2	114	3.47	1.43	1.2	4.08	0.65	108	0.39	35.9	12.6	20	5.5	0.62	17.1	0.23	2.36	14.6	2.4	305
AC35	18	20	2	104	72.4	36	25.3	91.9	13.4	504	3.22	546	148	26	99.2	12	32.8	5.24	4.73	319	26.3	2006
AC35	20	22	2	61.2	3.42	2.02	1.25	4.35	0.7	36.4	0.3	26.5	7.1	28	4.4	0.56	5.2	0.24	3.35	19.9	2.2	171
AC35	22	24	2	65.3	4.3	3.03	1.4	4.91	0.82	30.9	0.34	25.1	6.37	27	4.4	0.59	5	0.36	3.45	25.9	2.5	176

AC35	24	26	2	385	19.2	10.3	6.77	24	3.37	185	1.25	167	44.4	31	26.9	2.99	6.5	1.16	7.31	95.7	9.1	982
AC35	26	28	2	293	15.4	8.16	5.99	19	2.86	150	0.82	146	40.8	17	24.6	2.71	13.7	1.2	8.14	70.4	6.1	787
AC35	28	30	2	314	21.4	12	7.38	25.9	4.13	166	1.42	162	40.4	19	28.3	3.34	10.4	1.63	4.95	121	10.7	920
AC35	30	32	2	222	9.64	4.83	4.73	15.3	1.68	131	0.45	124	31.9	9	17.8	1.62	11	0.54	2.31	43.7	4	613
AC35	32	33	1	224	10.7	4.25	5.46	18.8	1.99	139	0.42	151	32.2	8	24.1	2.34	12.3	0.64	2.18	43.1	3.4	661
AC36	14	16	2	110	4.4	2.48	1.72	7.59	0.91	78.3	0.2	56.9	13.8	26	9.7	1.02	16.1	0.34	3.37	27	2	316
AC36	16	18	2	88.2	6.17	2.86	2.61	7.53	1.15	61	0.31	48.5	13.4	16	8.8	1.08	15.2	0.43	4.16	24	2.3	268
AC36	18	20	2	168	8.49	5.43	3.16	12.7	1.97	94.7	0.68	91.1	23	20	16.2	1.63	19.9	0.81	10	49.8	4.9	483
AC36	20	22	2	186	11.7	8.59	4.13	17.5	2.97	95.7	0.92	103	23.3	20	17.8	2.49	16.8	1.25	12	88.6	7	571
AC36	22	24	2	221	14.8	11.1	5.3	22	3.76	109	1.27	120	27	16	24.4	3.06	15.1	1.22	10.5	112	8.1	684
AC36	24	26	2	178	9.34	5.67	3.85	13.9	2.06	97.3	0.68	92.3	22.9	12	17.2	1.78	12.9	0.86	5.52	62	5.2	513
AC36	26	28	2	244	13.9	7.53	5.39	16.9	2.58	104	0.75	120	33.4	12	21.7	2.36	15.5	1.08	3.34	69.1	6.3	649
AC36	28	30	2	187	31.9	23.6	7.56	37.8	8.2	84.7	2.81	122	23.4	11	27.6	5.42	11.7	3.69	2.47	273	19.6	858
AC37	10	12	2	49.9	0.51	0.31	0.29	0.74	0.11	35.9	0.04	8.8	3.49	14	1.1	0.06	14.6	0.02	3.81	3	0.4	105
AC37	12	14	2	334	11.1	5.68	4.15	19.1	2.34	136	0.7	137	34.2	20	22.1	2.54	31.9	0.91	4.95	58.6	4.8	773
AC37	14	16	2	118	6.55	3.71	2.45	9.64	1.32	53.2	0.51	57.5	13.1	8	11.2	1.36	13.4	0.53	2.54	34	2.7	316
AC37	16	18	2	111	6.49	3.46	2.48	6.96	1.34	52.7	0.48	52.1	14.7	10	9	0.97	16	0.62	2.84	27.9	3.3	294
AC37	18	20	2	178	16.6	12	4.5	20.7	4.4	96	1.32	104	24.4	17	22.6	3.04	17.7	1.6	6.93	125	9.2	623
AC38	12	14	2	130	0.82	0.46	0.91	1.22	0.15	94.8	0.08	21	8.98	11	2.1	0.17	11.3	0.08	2.22	3.8	0.4	265
AC38	14	16	2	72.8	0.79	0.73	1.04	1.15	0.22	42.2	0.08	16.8	6.05	19	1.7	0.19	10.6	0.1	2.68	4.6	0.4	149
AC38	16	18	2	358	3.22	1.47	2.74	6.19	0.51	164	0.17	111	36.6	18	12.7	0.69	17.3	0.13	3.07	10.5	1.2	709
AC38	18	20	2	224	7.08	3.92	2.75	10.9	1.57	98	0.58	92.7	24.9	54	14.5	1.41	7.6	0.74	5.27	41.1	4	528
AC38	20	21	1	301	11.8	7.59	4.55	18.1	2.58	135	0.74	143	37.8	45	24.7	2.47	6.9	1.04	4.17	72.8	6.1	769
AC40	8	10	2	101	0.72	0.71	0.48	0.83	0.16	88.4	0.12	12.9	6.33	8	1.3	0.1	5.8	0.09	1.52	4.4	0.8	218
AC40	10	12	2	91.2	1.16	1.25	1.1	0.99	0.39	58.9	0.15	18	6.63	8	1.7	0.19	7.9	0.16	1.27	8.2	1.3	191
AC40	12	14	2	156	1.12	0.53	1.11	1.75	0.26	90.2	0.16	33.3	12	18	3.4	0.23	12.8	0.18	3.26	5.9	1	307
AC40	14	15	1	31	0.48	0.28	0.56	0.51	0.12	18.3	0.08	8.1	2.81	12	0.8	0.06	10.1	0.05	3.96	3.1	0.3	67
AC41	10	12	2	61.9	0.81	0.39	0.48	1.57	0.21	132	0.09	32.2	13.9	20	2.9	0.2	6.6	0.06	2.88	4.4	0.4	252
AC41	12	14	2	48.5	1.5	0.73	0.6	1.83	0.36	93.6	0.16	23	8.92	12	2.3	0.2	12.8	0.17	2.5	8.2	0.8	191
AC41	14	16	2	121	33.9	18	15.5	43.7	6.85	229	1.96	299	68.9	18	60.3	5.81	13.9	1.91	2.84	177	14.9	1098



AC41	16	18	2	85.7	6.67	3.54	2.06	6.61	1.3	57.5	0.44	53.4	13.1	10	9.1	0.97	9.6	0.39	2.32	36.5	3	280
AC41	18	20	2	424	12.2	6.14	6.45	16.4	2.26	73.3	0.75	130	29.3	20	26.1	2.43	22.5	0.8	5.76	47.4	6.5	784
AC41	20	22	2	98	5.56	2.68	2.4	5.64	1.12	23.5	0.53	43.9	9.35	17	10	0.94	9.9	0.42	4.65	21.5	3.6	229
AC41	22	24	2	243	26.8	14.9	9.76	29	5.63	98.8	1.68	169	35.7	16	35.7	4.26	13.9	1.75	4.19	145	11.7	833
AC41	24	26	2	141	16.2	9.47	4.47	15.2	3.18	60.1	1.03	70.5	18.5	13	14.6	2.29	16.1	1.46	3.62	83.9	8	450
AC41	26	28	2	194	19.6	13.1	5.29	18.5	4.68	58.2	1.71	83.2	16.7	17	18.7	3.06	10.8	1.72	4.08	142	11.8	592
AC41	28	29	1	161	12.6	6.79	3.8	13.6	2.7	67.5	0.72	64	15.2	6	13.5	1.99	10	0.81	2.07	73.3	6.2	444
AC42	8	10	2	67.5	0.59	0.34	0.24	0.53	0.1	48.1	0.04	8.3	4.25	35	1	0.09	7.7	0.04	1.47	2.9	0.8	135
AC42	10	12	2	133	1.13	0.65	0.61	1.51	0.22	77.2	0.07	26.3	10.9	25	2.6	0.19	9	0.07	2.49	4.6	0.8	260
AC42	12	14	2	451	2.64	1.04	2.3	5.71	0.48	208	0.1	127	44.4	32	11.2	0.64	16.8	0.07	4.87	7.4	0.9	863
AC42	14	16	2	78.2	0.73	0.24	0.39	1.14	0.12	44.8	0.12	15.6	6.27	27	1.4	0.15	7.7	0.06	5.04	2.9	0.5	153
AC43	16	18	2	98.4	1.35	0.94	1.07	2.97	0.33	46.8	0.11	45	11.5	11	6.4	0.36	12.8	0.18	2.91	5.4	1	222
AC43	18	20	2	141	2.15	0.92	1.39	2.79	0.45	79	0.11	47.8	15.4	14	6.2	0.35	8.9	0.15	3.5	7	0.8	306
AC43	20	22	2	67.6	2.12	1.26	0.84	2.37	0.44	34.3	0.31	24.4	7.22	15	4.1	0.31	6.6	0.25	3.87	10.6	1.8	158
AC43	22	24	2	94.9	3.2	1.48	1.37	3.97	0.63	43.9	0.27	43.1	11.2	19	7	0.58	5.5	0.27	4.66	12.5	1	225
AC43	24	26	2	107	6.13	2.45	2.26	7.69	1.31	46.2	0.54	48.9	13	18	8.4	0.8	6.3	0.41	3.93	24.4	2.8	272
AC43	26	28	2	106	7.2	3.11	2.45	9.52	1.45	45.5	0.59	56.3	13.8	16	11.1	1.02	6.6	0.38	3.61	28.4	3	290
AC43	28	30	2	138	9.24	4.34	3.1	12.7	2.01	60.5	0.62	74	17.2	17	14.7	1.4	8.7	0.47	3.13	37	4.5	380
AC43	30	31	1	172	21.5	10.6	5.84	24.1	4.28	76.5	1.54	106	22.7	13	27.2	2.97	12.7	1.27	3.76	93.2	9.2	579
AC44	12	14	2	261	2.6	0.57	1.81	5.35	0.44	143	0.08	75.8	26.4	24	9.6	0.62	18.6	0.08	10.4	5.3	0.5	533
AC44	14	16	2	114	2.92	1.52	1.38	3.8	0.64	67.6	0.17	36	12.7	30	5.1	0.5	14.4	0.17	6.04	12	0.8	259
AC44	16	18	2	91.2	4.42	2.33	1.29	3.86	0.95	55.5	0.32	32.4	9.05	25	5	0.6	11.8	0.26	5.22	22.9	2.2	232
AC44	18	20	2	40.7	1.85	1.54	0.77	1.56	0.39	26.5	0.21	12.7	3.91	9	2.3	0.28	3.3	0.19	1.19	13.1	1.3	107
AC44	20	22	2	108	2.57	1.43	1.42	3.86	0.61	54.3	0.19	38	12.3	8	5.3	0.45	5.5	0.16	1.89	13.6	0.9	243
AC44	22	24	2	120	4.06	1.44	1.75	5.34	0.96	60.5	0.26	54.1	15.3	8	8.7	0.67	6.9	0.26	1.81	17.4	1.5	292
AC44	24	25	1	184	8.83	4.52	3.4	10.1	1.8	83	0.61	86.9	24	19	15.4	1.47	8	0.63	6.51	39.2	3.7	468
AC45	10	12	2	117	0.97	0.36	0.48	1.34	0.12	111	0.03	21.6	9.43	22	2.2	0.11	6.9	0.04	5.36	2.6	0.2	267
AC45	12	14	2	139	1.28	0.5	0.84	2.53	0.19	88.8	0.08	37.3	14.3	28	3.8	0.3	6.3	0.06	4.77	4.6	0.6	294
AC45	18	20	2	103	7.94	2.43	3.31	11.9	1.3	33.9	0.22	70.3	16.8	26	16.9	1.61	9.4	0.46	7.97	31.5	2.5	304
AC46	28	30	2	144	4.59	1.75	2.08	7.34	0.77	75.6	0.2	58	16.3	26	11.4	1.07	12.2	0.23	44.2	20.9	1.1	345

AC46	30	32	2	113	3.6	1.65	1.9	5.74	0.53	66.2	0.1	39.2	11.4	21	8.5	0.64	5.3	0.13	23.2	14.3	0.8	268
AC47	16	18	2	146	2.68	1.57	1.26	3.46	0.52	92.8	0.22	40.8	13.6	21	5.1	0.48	13.2	0.29	5.9	14.7	1.4	325
AC47	18	20	2	154	5.31	3.12	1.75	6.22	1.13	77.5	0.39	52.6	17.7	17	7.8	0.87	14.1	0.47	6.54	28.2	2.5	360
AC47	20	22	2	167	9.97	5.42	2.71	11.6	2.04	75.3	0.79	75.7	20.7	28	15.7	1.73	13.1	0.9	9.46	64.6	5.5	460
AC47	22	24	2	160	5.33	3.27	2.11	9	1.03	62.1	0.37	63.6	17.5	25	11.4	1.13	9.1	0.45	14.7	31.6	2.7	372
AC47	24	26	2	152	7.54	3.09	2.99	10.5	1.33	57.8	0.55	80.4	20.3	25	14.9	1.51	9.4	0.54	10.3	44.2	2.8	400
AC47	26	27	1	105	4.87	2.36	2.2	7.02	1.01	41.2	0.39	52.4	13.6	13	10.1	0.93	7.1	0.5	3.09	28.9	2.4	273
AC48	16	18	2	202	2.25	1	2.37	5.69	0.34	110	0.08	93.1	25.4	25	12.6	0.59	12.5	0.13	4.16	9.3	1	466
AC48	18	20	2	155	3.18	1.64	2.03	5.46	0.62	79.2	0.25	63.6	18.4	21	10.3	0.59	13.6	0.31	4.61	19.1	1.4	361
AC48	20	22	2	130	6.01	3.14	2.4	7.28	1.11	59.7	0.3	60.6	17.2	16	10.3	0.94	14.8	0.46	9.12	27.1	2.5	329
AC49	6	8	2	109	1.33	0.86	0.97	1.49	0.29	101	0.2	15.5	7.73	12	1.7	0.3	10.4	0.14	1.89	7.1	1.1	249
AC49	8	10	2	134	1.23	0.72	0.86	1.75	0.19	92.8	0.08	26	11	21	2.2	0.2	10.8	0.12	1.78	5.4	0.8	277
AC49	10	12	2	222	2.65	0.93	1.69	4.09	0.42	96.6	0.15	81.4	27	12	7.9	0.52	11.2	0.15	2.43	8.3	1	455
AC49	12	14	2	85.9	2.44	1.54	1.49	3.52	0.4	45	0.26	33.7	9.77	9	4.5	0.34	11.1	0.23	1.96	11.8	1.3	202
AC50	12	14	2	55.7	1.02	0.37	0.56	1.37	0.16	30.8	0.08	12	5	16	2.1	0.18	4.5	0.05	2.85	3.3	0.3	113
AC50	14	16	2	127	2.45	0.68	1.15	3.47	0.28	61.1	0.12	36.8	12.4	13	5.1	0.47	6	0.07	4.02	6.8	0.8	259
AC50	16	18	2	89.4	3.48	2.44	1.22	4.5	0.76	43.1	0.37	30.8	9.56	18	5.9	0.6	5.7	0.23	3.83	20.9	1.4	215
AC50	18	20	2	93.3	18	11.3	3.48	17.9	3.42	42.1	1.45	53.7	11.1	21	13.3	2.28	2.6	1.32	6.02	128	8.9	410
AC50	20	22	2	74.6	39.1	21.8	7.82	38.3	6.94	28	2.65	90.2	13.4	18	32.5	4.93	6.4	2.71	2.86	220	17.3	600
AC50	22	24	2	158	23.8	15.3	4.81	21.1	4.97	63	1.5	98.9	24.6	15	20	3.26	14.6	2.21	3.72	126	11.8	579
AC50	24	26	2	132	14.6	9.08	3.38	15.5	2.69	56.9	1.28	73.1	17	9	16.1	2.14	11.8	1.12	3.37	104	7.7	457
AC50	26	28	2	38.7	30.8	20.4	4.75	28.4	5.81	10.8	2.81	65.5	8.84	22	22.7	4.12	3.7	2.66	2.05	185	16.2	447
AC50	28	30	2	49	40.2	24.6	6.99	39	7.7	15.2	2.96	85.7	10.8	24	30.2	5.7	5.9	3.41	2.17	237	19.8	578
AC50	30	32	2	40.9	30.7	19.2	4.97	25.7	5.94	15.3	2.58	51.1	7.84	25	20.9	3.86	6.5	2.61	2.68	191	16.9	440
AC50	32	34	2	243	26.9	14.8	5.95	30.3	4.52	67.7	2.07	204	42.7	20	39.4	4.1	8.6	1.91	2.02	128	12.3	828
AC51	12	14	2	53.7	1.07	0.92	0.63	1.75	0.24	64.3	0.14	14	4.95	4	2.1	0.19	4.8	0.16	1.7	6.5	1.1	152
AC51	14	16	2	81.7	3.5	2.18	0.9	3.88	0.6	66.2	0.38	38.4	11.7	5	5.6	0.45	10	0.3	2.97	18.2	2.1	236
AC51	16	18	2	107	6.32	3.65	1.49	6.94	1.02	90.1	0.53	49.9	13.9	6	8.7	0.97	18.5	0.48	3.15	38.9	3.3	333
AC51	18	20	2	82.8	7.37	3.52	1.54	8.56	1.17	59.2	0.49	49.8	13.2	7	10.8	1.04	17.3	0.54	3.53	39.2	3.2	282
AC51	20	22	2	222	14.2	6.12	4.27	17	2.03	114	0.68	113	28.8	7	22.5	2.15	15.8	0.65	3.2	65.5	4.1	617

AC51	22	24	2	205	11.4	5.38	3.61	14.4	1.92	112	0.49	97.5	25.6	9	19.5	1.71	17.8	0.64	4.33	54.9	3.6	558
AC51	24	25	1	157	9.38	4.78	2.68	12.8	1.91	89.2	0.63	81.2	21.6	10	14.6	1.48	17.2	0.75	5.45	60.2	4.1	462
AC52	16	18	2	30.4	2.3	1.54	0.61	1.4	0.45	18.4	0.25	9.7	2.85	3	1.8	0.29	5.9	0.24	1.78	12.1	1.5	84
AC52	18	19	1	63.5	3.43	1.91	0.69	2.01	0.55	43.2	0.31	20.8	6.59	2	3.7	0.38	7.4	0.25	1.6	15.6	2.5	165
AC53	16	18	2	80.7	1.32	0.56	0.81	1.38	0.23	64.5	0.08	20.3	7.41	7	2.9	0.21	8.9	0.12	1.24	5.8	0.6	187
AC53	18	20	2	61.7	2.1	0.79	0.85	2.51	0.33	50.4	0.16	27.1	7.72	9	3.9	0.32	12.7	0.17	1.87	9.1	0.8	168
AC53	20	22	2	35.2	1.62	0.86	0.87	1.52	0.34	27.3	0.18	18.6	5.09	11	2.6	0.24	11.3	0.11	1.97	8.7	0.9	104
AC53	22	24	2	106	3.15	1.16	1.49	5.11	0.6	55.6	0.21	51.5	14	11	8	0.59	15.2	0.17	2.51	12.9	1.5	262
AC53	24	26	2	107	4.87	2.42	2.16	6.52	0.93	45	0.39	52.2	13.3	15	11.4	0.82	9.3	0.3	3.13	22.7	1.8	272
AC53	26	27	1	96.6	6.64	3.23	2.18	7.94	1.21	45	0.46	51	12.5	17	10.2	1.09	7.4	0.5	2.03	35.8	3	277
AC55	16	18	2	101	0.68	0.12	0.39	0.83	0.12	56.8	0.05	21.2	9.33	15	2.1	0.12	7.6	0.05	2.73	2.3	0.2	195
AC55	18	20	2	101	0.98	0.76	0.79	1.39	0.29	45.5	0.08	26.6	10	8	2.5	0.22	7.7	0.11	0.99	5.6	0.7	197
AC55	20	22	2	99.2	1.4	0.5	0.89	1.49	0.22	40	0.13	31.7	10.4	6	3.4	0.28	8.6	0.15	1.51	6.5	0.6	197
AC55	22	24	2	89.6	2.72	1.4	1.63	3.61	0.78	36.1	0.3	40	11	11	6.9	0.54	7.1	0.23	3.24	15.9	1.8	213
AC55	24	26	2	78.4	5.57	2.74	2.25	6.34	1.15	32.1	0.45	44.1	10.3	12	9.1	0.95	6.5	0.42	3.66	28.5	2.7	225
AC56	16	18	2	87.1	1.18	0.59	0.77	1.15	0.24	67.9	0.08	14.5	6.73	7	1.5	0.15	14.2	0.1	2.43	4.2	0.7	187
AC56	18	20	2	150	1.39	0.57	0.97	2.08	0.23	85.6	0.11	31.7	12.9	13	3.9	0.31	15.2	0.11	2.49	4.8	0.5	295
AC56	20	22	2	91.6	2.54	1.06	1.58	4.15	0.43	45.9	0.18	33.4	9.71	10	5.5	0.54	12.8	0.15	3.06	10.3	1	208
AC56	22	23	1	102	2.93	1.3	1.76	4.91	0.47	45.9	0.17	42.6	11.6	15	7.5	0.58	7.2	0.12	4.33	10.8	0.9	234
AC57	14	16	2	222	0.94	0.28	0.75	2.35	0.18	125	0.07	49	19	25	4.1	0.27	14.8	0.04	2.35	2.9	0.4	427
AC57	16	18	2	380	1.51	0.35	1.23	5.16	0.24	208	0.05	129	39.1	20	9.7	0.56	23.2	0.04	3.4	3.8	0.4	779
AC57	18	20	2	83.2	1.03	0.29	0.49	1.81	0.14	44.6	0.02	23.9	8.23	24	3.4	0.25	12.1	0.03	3.71	2.9	0.2	170
AC58	20	22	2	156	4.49	1.28	1.56	7.33	0.68	83.9	0.15	64.9	17.7	16	11.7	0.93	16.1	0.22	2.29	17.1	1	369
AC58	22	24	2	346	12.8	3.96	3.17	17.6	1.82	168	0.23	141	43.2	13	24.5	2.33	41.8	0.54	3.81	37.9	2.3	805
AC58	24	26	2	310	13.7	4.92	3.41	17	2.02	145	0.32	132	38.7	19	24.2	2.5	40.6	0.65	5.09	43.2	3.2	741
AC58	26	28	2	526	19.6	7.27	5.43	31.4	2.97	232	0.77	224	60.6	14	41.3	3.92	40.2	0.85	3.26	91.7	4.9	1253
AC58	28	30	2	316	12.2	5.1	3.16	17.7	2.11	140	0.61	123	34	9	23.5	2.27	25.8	0.7	2.54	59	4.3	744
AC60	8	10	2	46.6	0.66	0.33	0.3	0.83	0.11	31.6	0.07	11.6	4.85	17	1.3	0.12	6.6	0.06	1.24	3.3	0.5	102
AC60	10	12	2	222	1.15	0.44	0.9	2.66	0.18	115	0.06	60.1	23.1	29	4.8	0.31	9.3	0.04	1.4	3.2	0.4	434
AC60	12	14	2	191	1.09	0.43	1.05	3.08	0.19	86	0.03	66.7	22.8	26	5.6	0.37	9.8	0.05	1.55	3.5	0.3	382

AC60	14	16	2	163	1.76	0.74	1.73	4.57	0.25	62.4	0.08	103	26	36	10.3	0.52	13.6	0.07	1.66	4.8	0.5	380
AC60	16	18	2	143	2.14	0.88	1.69	5.15	0.33	74.2	0.14	73.8	17	16	9	0.48	10.3	0.1	2.14	8.5	0.7	337
AC60	18	20	2	162	3.18	1.16	1.71	4.68	0.47	70.9	0.18	61.7	21.6	15	8.3	0.61	11.3	0.17	2.42	10.7	1	348
AC60	20	22	2	224	3.19	0.98	2.6	7.82	0.5	79.5	0.09	118	31.7	20	14.3	0.9	5.5	0.11	4.29	8.4	0.7	493
AC60	22	24	2	150	4.96	2.39	2.8	7.49	0.85	63.6	0.38	82.3	21	19	12.5	0.99	5.5	0.27	4.42	25.4	2.2	377
AC60	24	26	2	198	16.3	8.77	5.61	21.8	3.42	83.9	1.28	137	30.1	23	24.2	2.87	7.2	1.22	5.93	104	8.2	647
AC61	8	10	2	169	0.93	0.43	0.94	2.09	0.17	116	0.08	41.1	16	14	3.4	0.2	8	0.06	2.04	3.3	0.4	354
AC61	10	12	2	131	0.87	0.32	0.74	1.86	0.18	66.1	0.05	36.8	13.5	48	2.9	0.22	5.3	0.06	1.93	3.5	0.3	258
AC63	16	18	2	32.4	1.85	0.82	0.71	2.18	0.4	29	0.21	16.9	4.44	16	2.8	0.29	9.6	0.17	1.93	9.6	1.5	103
AC63	18	20	2	149	4.74	2.33	2.02	6.94	0.86	69.5	0.38	54.2	15.6	8	9.3	0.78	18.5	0.33	2.58	24.8	2.4	343
AC63	20	22	2	147	6.27	3.27	2.58	9.98	1.14	82.8	0.53	72.6	18.9	14	11.2	1.24	21.2	0.55	3.29	37.4	3.2	399
AC63	22	24	2	112	5.04	2.57	2.16	7.27	0.92	60.2	0.4	52.4	13.6	17	8.7	0.92	14.2	0.39	3.07	27.1	2.4	296
AC63	24	26	2	122	5.5	2.62	2.34	7.57	0.97	67.9	0.35	60.3	15.4	17	10.8	1.01	13.2	0.37	3.02	26.6	2	326
AC63	26	28	2	113	7.81	4.16	2.98	11	1.43	57.6	0.55	56.7	14.5	24	11.7	1.4	11.6	0.55	4.04	48.6	3.3	335
AC63	28	30	2	142	9.71	5.85	3.3	13.6	2	77.8	0.96	70.9	17.6	16	14	1.6	13.5	0.75	3.84	67.2	5.7	433
AC63	30	32	2	103	7.28	4.39	2.46	8.98	1.46	54.8	0.64	50.8	12.3	7	9.4	1.14	11.5	0.67	1.97	47.9	3.9	309
AC63	32	33	1	153	9.91	5.35	3.01	12.6	1.89	79.8	0.73	72.4	17.9	11	13.8	1.64	12.8	0.78	2.74	62.2	5.1	440
AC64	16	18	2	73	1.13	0.71	0.63	1.77	0.23	62.3	0.16	14.5	5.19	9	2.2	0.19	13.1	0.09	2.18	6.3	0.9	169
AC64	18	20	2	73.3	1.48	0.79	0.78	1.84	0.26	29.8	0.14	16.2	4.56	11	3.1	0.24	11	0.13	2.18	7.1	0.7	140
AC64	20	22	2	155	6.51	2.44	2.68	9.44	1.14	81.3	0.36	70.7	19.6	11	12.4	1.24	15.1	0.36	5.25	26.5	2.3	392
AC64	22	24	2	69.8	1.63	0.66	0.84	3.23	0.33	45.1	0.08	23.1	7.01	17	4.3	0.39	21.2	0.1	4.38	8.8	0.5	166
AC64	24	26	2	146	6.31	2.56	2.69	8.93	1.02	72.7	0.34	69.2	18.3	8	12.9	1.25	9.8	0.41	3.09	29.2	2.7	375
AC64	26	27	1	186	8.44	3.13	3.25	11.8	1.36	91.2	0.44	93.6	24	8	16.7	1.63	9.4	0.43	3.17	37.3	3.1	482
AC65	24	26	2	49.3	2.07	0.79	1.13	3.16	0.38	26.7	0.15	20.9	5.24	9	3.6	0.44	7.4	0.15	1.12	10.5	1.2	126
AC65	26	28	2	98.8	3.89	1.54	1.66	5.36	0.64	49.6	0.23	40.7	10.6	7	7.1	0.73	10	0.23	1.6	18.8	1.8	242
AC65	28	29	1	92.1	3.85	1.67	1.84	5.46	0.73	52.9	0.27	42.1	11.4	7	7.1	0.77	10.6	0.26	1.64	19.9	1.8	242
AC66	16	18	2	15.6	1.11	0.41	0.74	2.05	0.19	24.7	0.09	21.1	5.57	8	3.5	0.24	6.5	0.06	1.36	5	0.5	81
AC66	18	20	2	137	11.7	4.55	5.13	17.9	1.84	158	0.56	139	36.3	10	23.9	2.29	17.1	0.6	1.67	50.4	4	593
AC66	20	22	2	102	2.44	0.94	1.6	4.58	0.39	60.2	0.15	38.2	10.6	11	6.3	0.51	10.5	0.14	1.53	10.9	1	240
AC66	22	24	2	107	2.5	0.94	1.98	4.88	0.43	53.1	0.1	41.4	11.2	4	6.8	0.6	9.2	0.12	1.34	10.2	0.9	242

AC66	24	26	2	146	3.9	1.33	2.6	7.48	0.6	70.3	0.13	58.3	15	7	9.7	0.85	9.8	0.2	2.01	14.4	1.2	332
AC66	26	28	2	97.9	2.4	0.92	1.59	3.88	0.42	56.4	0.1	35.4	9.84	20	6.5	0.53	5.2	0.12	2.52	9.5	0.8	226
AC66	28	30	2	133	6.74	2.82	2.67	9.18	1.2	67.6	0.39	60.1	15.3	26	12.1	1.27	5.8	0.42	1.75	34.9	2.7	350
AC66	30	32	2	254	23.2	9.95	8.31	30.9	4.1	106	1.24	166	36	28	36.5	4.25	6.2	1.4	1.97	113	8.9	804
AC66	32	34	2	252	19	7.88	7.02	25.3	3.35	107	0.99	146	33.1	29	30.2	3.44	5.7	1.06	1.44	90.6	7.5	734
AC67	12	14	2	60.4	0.77	0.42	0.5	0.96	0.18	56.3	0.11	9.4	3.84	10	1.5	0.13	7.1	0.07	1.45	4.8	0.7	140
AC67	14	16	2	112	0.95	0.42	0.58	1.53	0.16	64.4	0.08	26.2	9.89	14	2.5	0.18	9.7	0.08	1.93	3.6	0.5	223
AC67	16	18	2	175	2.49	0.64	1.27	4.87	0.38	77.2	0.09	69.3	20.2	13	9	0.66	6.4	0.08	1.6	6.1	0.5	368
AC67	18	20	2	146	3.04	1.17	1.84	5.46	0.53	61.2	0.19	63	17.6	13	8.9	0.69	6.4	0.16	4.2	13.2	1.3	324
AC68	12	14	2	32.7	0.89	0.62	0.45	0.73	0.2	35	0.17	5.2	2.17	5	1	0.13	8	0.13	2.71	6.1	0.8	86
AC68	14	16	2	59.8	3.36	2.15	0.7	2.33	0.84	49.4	0.41	11.7	4.52	7	2.4	0.48	11.9	0.36	1.62	23.3	3	165
AC68	16	18	2	66.3	2.17	1.41	0.84	2.49	0.45	33.2	0.28	22.9	6.99	5	3.8	0.36	9.7	0.25	2.65	12.3	1.5	155
AC68	18	20	2	157	4.67	2.43	1.61	6.59	0.84	73.3	0.39	58.6	16.7	18	8.7	0.89	11.1	0.38	6.29	22.2	2.7	357
AC69	12	14	2	114	0.86	0.42	0.69	1.19	0.16	101	0.05	15.8	7.49	2	1.8	0.15	8.8	0.06	1.21	3.2	0.6	247
AC69	14	16	2	207	1.76	0.85	0.85	2.9	0.32	119	0.16	41.7	16.9	6	4.6	0.4	17.4	0.16	2.3	7.5	1	405
AC69	16	18	2	182	3.3	1.16	1.64	5.37	0.42	93.1	0.14	59.4	18.3	11	9.2	0.71	15	0.16	2.89	9.6	1.1	386
AC69	18	20	2	238	13.2	5.55	5.15	20.5	2.34	97.9	0.77	153	33.1	16	28.9	2.57	10	0.79	4.25	55.5	5.8	663
AC69	20	21	1	165	13.6	6.13	4.35	17.7	2.41	55	0.86	141	26.8	21	27.8	2.47	11	0.83	6.44	59.4	6.2	530
AC70	16	18	2	62.8	1.97	0.52	1.97	4.08	0.3	31.9	0.05	34.3	8.01	35	5.7	0.44	4.3	0.07	1.02	4.3	0.4	157
AC70	18	20	2	240	3.12	0.88	2.52	6.55	0.41	113	0.09	95.1	27.4	29	12.3	0.75	5.2	0.09	2.1	6.8	0.5	510
AC70	20	22	2	404	5.79	1.94	4.16	11.1	0.81	155	0.13	172	56	15	20.4	1.4	5.7	0.2	2.72	13.3	0.9	847
AC70	22	24	2	356	4.35	1.29	3.6	10.7	0.62	125	0.06	166	47.4	45	20.3	1.2	2.1	0.09	3.34	7.7	0.4	745
AC70	24	26	2	251	5.73	2.37	4.39	12.1	0.97	91	0.15	139	36.7	55	21	1.44	3.7	0.24	4.16	20.3	1.5	588
AC70	26	27	1	147	5.52	2.31	4.15	10.3	0.93	47.9	0.23	110	24.8	43	19.1	1.36	1.9	0.25	0.91	19.7	1.6	395
AC71	28	30	2	68.3	2.41	1.13	1.8	4.29	0.46	32.5	0.12	41.6	9.49	7	7.3	0.58	3.5	0.1	1.12	9.5	0.8	180
AC71	30	32	2	134	32.2	24.4	9.25	35.7	7.35	59.3	3.16	108	19.6	32	30.7	5.22	8.5	2.81	2.76	226	18.9	717
AC71	32	34	2	81.1	46.1	33.2	11.6	49.5	10.6	36.9	4.24	89.2	13.4	26	32.8	7.34	4	4.13	1.37	354	27.3	801
AC72	24	26	2	48.9	10.4	7.2	2.93	11.1	2.4	22.7	0.95	38.5	7.63	44	10	1.69	3.4	0.83	5.91	74.8	5.7	246
AC72	26	28	2	69.1	16	9.91	4.69	18.7	3.44	31.8	1.38	55.1	10.7	36	14	2.73	2.5	1.32	3.37	96.6	8.6	344
AC72	28	30	2	47.6	11	6.76	3.83	13.8	2.39	19.5	0.93	41.7	7.36	24	12.2	2.03	2.3	0.88	2.6	66.5	5.7	242

AC72	30	32	2	66.1	7.75	5.52	3.67	10.5	1.84	31.8	0.72	43.3	8.95	19	11.2	1.47	4.4	0.62	2.3	48.4	4.2	246
AC72	32	34	2	109	36.4	23.2	8.2	34.2	7.86	38.3	2.42	101	19.3	16	27.7	5.35	4.7	3.66	2.97	219	20.3	656
AC73	20	22	2	104	1.62	1.2	1	2.52	0.36	50	0.18	38.5	11.6	19	4.2	0.35	5.3	0.17	1.87	10.9	1.3	228
AC73	22	24	2	131	3.33	2.22	2.04	4.76	0.77	58.7	0.33	55.5	16.4	31	7.6	0.7	3.4	0.31	3.33	21.9	2.2	308
AC73	24	26	2	65.4	4.77	3.8	2.22	5.73	1.04	30.4	0.52	34	8.59	28	5.7	0.77	3.7	0.45	2.15	35.4	3	202
AC73	26	28	2	48.2	4.47	3.1	1.86	5.6	0.97	21.7	0.46	26.2	6.09	29	6	0.79	2.4	0.4	1.73	29.2	2.3	157
AC74	24	26	2	93.6	6.27	3.65	4.1	10.7	1.29	40.3	0.45	64.8	14.2	17	14	1.27	3.5	0.46	2.4	33.1	2.9	291
AC74	26	28	2	123	12.6	7.17	6.44	17.8	2.55	51.8	0.84	88.3	19.2	26	19.4	2.45	3.7	0.76	3.41	67.5	5.6	425
AC74	28	30	2	46.8	9.71	6.94	3.1	10.3	2.26	19.3	0.94	36.2	7.17	19	8.4	1.57	2.2	0.84	2.99	64.5	5.9	224
AC74	30	31	1	44.3	8.71	5.56	3.19	11	1.92	19.5	0.88	34.5	6.6	18	9.5	1.41	2.9	0.73	0.75	58.5	4.8	211
AC75	28	30	2	75.4	4.24	2.53	3.22	6.59	0.88	34	0.31	45.2	10	13	10.2	0.98	5.2	0.3	3.41	23.7	2.4	220
AC75	30	32	2	75.5	9.81	5.74	4.35	13.6	1.89	34	0.75	54.4	10.6	16	15.6	1.97	5.5	0.68	3.18	52.7	4.9	286
AC75	32	34	2	92.7	9.13	6.45	5.21	11.8	1.98	40.1	0.82	59.8	12.7	14	15.1	1.7	5.7	0.84	2.94	51.4	4.9	315
AC75	34	35	1	123	26.5	17.8	8.66	32.7	5.9	44.7	2.15	119	21.7	16	29.9	4.8	5.1	2.06	2.62	184	13.2	636
AC76	20	22	2	40	4.8	2.08	2.09	4.9	0.65	42.1	0.31	36.2	10.7	12	7.3	0.85	10.7	0.3	2.59	20.1	2	174
AC76	22	24	2	55	6.75	3.44	4.55	10.7	1.24	81.1	0.41	88.5	22.8	11	16.5	1.45	10.4	0.43	3.35	28.3	3	324
AC76	24	26	2	53	6.68	3.27	4	10.9	1.21	112	0.45	80.1	20.8	14	14.1	1.41	6.9	0.41	4.3	30.6	2.8	342
AC76	26	28	2	97.2	12.4	7	7.9	18.2	2.28	111	0.92	123	29	20	23.4	2.54	10.4	0.91	7.1	71.2	5.8	513
AC76	28	29	1	122	14.8	10.3	6.61	18.7	3.36	90.9	1.29	87.5	19.9	19	17.7	2.52	7.5	1.18	10.9	112	7.8	517
AC77	20	22	2	57.6	5.54	3.26	3.88	8	1.18	68.5	0.47	60.3	15.6	9	11	1.12	7.4	0.46	6.53	40.2	2.9	280
AC77	22	24	2	79.9	4.41	2.45	3.08	7.68	1.01	53.6	0.37	52.5	13.3	16	10	1.05	6.8	0.42	11.5	26.5	2.6	259
AC77	24	26	2	151	9.65	3.4	5.55	11.6	1.3	66.7	0.47	84.9	23.1	15	18.9	1.68	7.7	0.52	4.72	40.9	3.2	423
AC77	26	28	2	75.9	5.48	3.02	2.97	7.56	0.99	30.3	0.4	40.8	9.02	22	8.8	1.04	7.8	0.36	3.92	29.9	2.4	219
AC77	28	30	2	149	12.1	7.29	6.24	17.1	2.52	67.5	0.78	89.5	20.2	24	19.2	2.43	10.3	0.82	3.41	80.9	5.2	481
AC77	30	32	2	153	16	9.59	7.75	20.2	3.24	62.7	1.08	97.4	21.7	23	22.1	3.08	8.1	1.01	3.61	99.5	7.3	526
AC77	32	33	1	72.3	4.66	2.33	2.45	5.92	0.88	27.1	0.32	37.4	8.89	20	8.3	0.84	6.2	0.41	5.07	19	2.8	194
AC78	24	26	2	193	15	9.75	5.59	18.2	3.31	92.4	1.21	110	26.4	15	18.3	2.62	4.2	1.22	2.01	115	7.4	619
AC78	26	28	2	75.5	4.33	2.09	2.37	6.29	0.85	28.5	0.28	36.8	9.04	20	8	0.82	6	0.37	5.19	18.9	2.2	196
AC78	28	30	2	142	14.8	6.93	6.33	20.1	2.64	117	0.84	117	28.9	29	24.4	2.61	8.6	1.01	2.41	70.2	6.5	561
AC78	30	32	2	166	22.8	10.4	9.76	31.1	4.28	112	1.48	173	39.6	23	37.9	4.24	9.4	1.73	1.92	103	10.6	728

AC78	32	34	2	70.7	9.68	5.67	3.27	10.5	2.04	37.4	0.79	47.6	10.8	22	11.7	1.61	3.7	0.96	1.53	58.3	6.2	277
AC79	20	22	2	94.2	3.09	1.94	1.2	3.86	0.67	41.8	0.41	32.9	9.1	8	6.4	0.52	10.1	0.37	2.09	18.5	2.3	217
AC79	22	24	2	130	4.23	2.58	2.08	7.36	0.98	60.3	0.41	71.3	15	7	9.6	0.91	27.9	0.43	3.41	32	3.1	340
AC79	24	26	2	97.8	3.78	2.03	1.44	4.96	0.79	44.9	0.32	37	10.1	9	6.6	0.67	15.9	0.34	2.21	20.6	2.3	234
AC79	26	28	2	126	6.22	3.24	2.21	7.8	1.25	60.3	0.56	52.3	14.6	6	9.7	1.06	14.9	0.54	2.2	32.3	3.4	321
AC79	28	30	2	127	6.63	3.1	2.29	9.47	1.34	86.7	0.55	69.3	19.1	5	12.9	1.31	15.9	0.61	2.27	35.6	4	380
AC79	30	32	2	150	7.84	4.18	2.75	9.99	1.48	86.7	0.59	74	19.6	8	14.1	1.55	17.7	0.79	3.39	38.9	4.7	417
AC79	32	34	2	252	8.99	3.73	3.74	12.8	1.48	84	0.51	87.5	23.3	10	17.3	1.76	16.4	0.6	3.64	37.6	3.3	539
AC79	34	36	2	160	7.19	3.29	2.84	10.6	1.37	68	0.49	65.9	18	7	14	1.36	9.8	0.55	1.96	31.9	3.7	389
AC79	36	38	2	162	9.32	4.53	3.53	12.2	1.59	77.2	0.68	80	19.7	9	16.2	1.76	12.5	0.76	2.4	50.4	4.7	445
AC79	38	39	1	150	9.85	6.22	3.45	11.8	2.06	70.7	0.83	74.3	18.3	14	14.5	1.72	12.6	0.98	2.57	60.2	6.3	431
AC80	20	22	2	49.8	2.57	1.21	1.36	3.95	0.42	33.5	0.18	25.8	7.2	11	5.3	0.46	11.2	0.18	2.54	11	1	144
AC80	22	24	2	145	6.76	2.71	3.55	8.18	0.93	63	0.3	79.3	22.9	9	15.8	1.21	14.3	0.38	2.91	24.9	1.9	377
AC80	24	26	2	178	6.22	2.5	3.18	9.11	1.1	79.5	0.29	75.3	19.8	15	13.3	1.17	13.3	0.42	3.58	29.1	2.4	421
AC80	26	28	2	138	5.97	2.27	3.21	9.38	0.97	66.9	0.23	63.3	16.5	17	13.4	1.19	9.9	0.27	4.3	23	1.9	346
AC80	28	30	2	127	7.32	3.06	3.42	9.86	1.24	66.1	0.37	62.1	15.7	20	13.2	1.41	9.1	0.47	7	31.7	2.6	346
AC80	30	32	2	140	6.35	2.55	2.91	9.67	1	76.5	0.31	74.5	19.8	6	14.1	1.21	12	0.4	3.04	27.7	2.5	380
AC81	24	26	2	188	77.4	35.8	33	112	14.1	610	4.55	763	195	27	155	15	18	5.51	6.32	365	32.7	2606
AC81	26	28	2	196	80.7	43	26.6	113	16.2	597	5.22	540	129	19	109	15	6.4	6.25	5.04	570	36.3	2483
AC81	28	30	2	135	21.6	11.1	7.41	27.6	4.29	142	1.54	152	35.8	23	30.8	3.78	5.3	1.7	2.54	142	9.8	726
AC81	30	32	2	65	8.56	4.75	2.8	9.79	1.72	43	0.68	51.6	12	31	10.6	1.4	3.2	0.79	2.44	52.5	4.2	269
AC81	32	34	2	108	15.2	8.25	4.46	16.3	3.17	47.3	1.35	76.1	16.9	16	16.9	2.49	3.2	1.5	1.02	102	8.7	429
AC81	34	36	2	28	6.05	4.9	1.23	5.82	1.55	13.6	0.64	18.7	3.9	7	4.1	0.86	1.2	0.72	0.38	54.9	4.1	149
AC82	12	14	2	230	1.26	0.54	0.83	1.94	0.21	196	0.13	35.4	17.4	12	3.7	0.3	14.3	0.11	2.65	5	0.8	494
AC82	14	16	2	109	0.95	0.38	0.7	1.94	0.18	81	0.12	21.4	9.07	14	2.7	0.24	12.5	0.07	2.3	3.6	0.4	232
AC82	16	18	2	125	1.93	0.53	1.13	2.9	0.27	77.7	0.06	37.4	13	18	6.6	0.41	9.6	0.09	1.93	4.6	0.6	272
AC82	18	20	2	185	5.29	1.75	2.48	9.97	0.81	89.7	0.17	93.9	24.6	13	16.3	1.14	11	0.21	5.29	16.5	1.4	449
AC82	20	21	1	126	7.88	3.12	2.43	11.1	1.46	55	0.46	66.3	17.4	23	12.7	1.54	5.6	0.54	7.26	31.3	2.7	340
AC83	16	18	2	107	11.8	6.74	2.6	13.5	2.6	70.4	0.86	74	16.9	12	14.4	2.13	27.7	1.01	2.55	79.9	6.9	411
AC83	18	19	1	159	17.6	11.4	3.85	18.6	4.15	87.8	1.71	97.3	23.6	8	18.9	3.03	32.1	1.76	2.45	125	11.6	585

AC84	12	14	2	101	10.2	6.25	2.22	11.8	2.07	112	0.94	81.6	21.7	12	13.6	1.71	26.2	0.87	2.56	56.3	6.3	429
AC84	14	16	2	96.5	8.43	5.37	1.65	8.82	1.87	111	0.81	64.7	17.9	11	11	1.49	21.2	0.8	1.84	54	5.6	390
AC84	16	18	2	173	9.41	5.23	2.14	11.5	1.99	125	0.61	63	18	33	11.9	1.62	37.7	0.65	3.13	71.3	4.3	500
AC84	18	20	2	99.5	5.11	2.52	1.49	6.97	1.07	55	0.29	44.7	12.2	12	8.8	1.06	27	0.35	2.99	29.8	1.9	271
AC84	20	22	2	81.4	5.38	3.05	1.28	5.72	0.99	45.6	0.47	36.5	10	11	7	0.9	21	0.48	2.66	32.2	3.1	234
AC84	22	23	1	90.2	7.87	5.55	1.59	8.49	1.89	59.8	0.79	44.3	11.3	10	8.3	1.24	22.5	0.83	2.72	61.5	5.8	309
AC85	16	18	2	110	13.8	7.07	8.54	21.4	2.73	102	0.74	166	36.4	24	28.3	2.93	17.3	0.9	2.16	83.9	6	591
AC85	18	20	2	24.2	3.68	2.48	1.14	3.34	0.77	18.8	0.32	16.4	4.14	14	3.3	0.64	7.6	0.38	1.88	29.6	2.4	112
AC85	20	22	2	61.8	4.77	2.26	2.54	7.46	0.92	35.2	0.25	46.7	10.7	22	8.5	1.01	8.2	0.33	2.52	24.3	2	209
AC85	22	24	2	130	4.96	1.89	3.42	9.56	0.86	57.8	0.23	72.9	18.3	15	12.6	1.26	3.9	0.24	2.71	19.6	1.5	335
AC85	24	26	2	91.3	2.63	1.14	1.6	4.16	0.5	43.6	0.14	43.7	11.9	28	6.4	0.52	4.2	0.15	2.57	12.3	1.1	221
AC85	26	28	2	180	6.99	2.71	4.28	11.9	1.17	62.3	0.28	121	27.7	34	19.2	1.37	2.1	0.35	1.57	24.8	2.5	467
AC85	28	30	2	87.7	11.4	6.54	4.72	15.7	2.52	31.6	0.9	76.1	14.4	19	16.8	2.15	2.6	0.95	1.1	65.2	6.6	343
AC87	18	20	2	52.8	6.45	2.86	4.39	11.1	1.1	69.9	0.35	73.7	17.6	21	14.2	1.28	7.9	0.4	2.14	26.8	2.5	285
AC87	20	22	2	46	15.8	7.9	9.89	25.2	2.97	119	0.99	146	31.5	19	28	3.28	8.7	1.02	2.64	79.8	6.8	524
AC87	22	24	2	28.5	2.47	1.57	1.02	2.67	0.55	24.1	0.26	15.1	4	24	2.9	0.39	6.5	0.26	2.62	18	1.9	104
AC87	24	26	2	50.9	3.62	2.65	1.65	3.7	0.94	38.2	0.42	21.7	6.18	23	4	0.59	6.5	0.42	3.21	31	3.2	169
AC87	26	28	2	217	6.6	3.65	3.9	10	1.49	120	0.47	97.3	29.7	32	12.8	1.33	6.5	0.55	4.06	42.8	2.8	550
AC87	28	29	1	208	11.7	5.14	7.07	19.4	2.06	81.9	0.68	164	37.8	26	26.1	2.44	4.5	0.7	2.28	54.6	4.9	626
AC88	24	26	2	34.4	3.56	2.12	1.81	5.12	0.74	33.5	0.3	32	7.32	14	5.6	0.62	6.5	0.29	3.5	23.2	1.6	152
AC88	26	28	2	48.1	5.9	3.15	2.59	7.76	1.09	40.5	0.35	43.3	9.83	15	8	1.12	7.6	0.43	5.03	42.4	2.3	217
AC88	28	30	2	94.7	10.5	5.09	4.81	14.6	2.04	67.3	0.52	75.5	17.2	10	14.3	1.91	7.8	0.65	6.16	75.2	4	388
AC88	30	32	2	105	10.2	5.19	4.9	14.5	1.99	65.8	0.51	77.1	17.1	10	15	1.92	8.9	0.69	7.53	72.8	3.7	396
AC88	32	34	2	143	12.5	5.74	5.02	17.2	2.54	79.4	0.68	95.6	21.4	8	18.3	2.4	9.7	0.82	6.5	87.4	5	497
AC88	34	36	2	224	10.8	5.4	5.51	15.9	2.09	129	0.6	115	30	16	19.6	2.16	11.2	0.64	10.5	68.8	4	634
AC89	16	18	2	159	4.95	1.41	7.61	14.7	0.72	406	0.19	350	98.6	11	41.1	1.58	8.8	0.2	5.16	11.9	1.4	1099
AC89	18	20	2	45.2	2.16	1.16	1.56	3.49	0.39	82.3	0.21	53	16.1	11	6.6	0.49	8	0.18	3.13	12	1.5	226
AC89	20	22	2	52.1	1.78	1.05	0.69	2.5	0.37	14.9	0.19	14.3	3.25	11	2.3	0.35	11.9	0.2	4.52	11.5	1.3	107
AC89	22	24	2	141	2.32	1.52	0.94	3.03	0.53	12.2	0.27	17	3.88	13	3.4	0.39	19.5	0.24	12.8	12.7	1.6	201
AC89	24	26	2	157	2.65	1.73	0.83	2.74	0.51	8.9	0.37	14.3	3.24	9	3.5	0.44	19.6	0.28	10.9	13	2	211



AC89	26	28	2	271	57.4	33.6	20	73.7	11.7	367	4.5	390	95.4	11	78.3	10.4	27.6	4.3	7.26	338	27.2	1783
AC89	28	30	2	244	34.1	18.7	12.7	45.4	6.82	184	2.72	240	55.5	12	52.4	6.06	25.4	2.59	7.05	178	15.5	1098
AC89	30	32	2	272	25.6	13.9	8.58	36	5.01	116	1.96	165	38.4	11	39.1	4.92	23.3	1.74	4.65	126	11.8	866
AC89	32	34	2	321	20.2	10	6.92	28	3.75	66.3	1.31	128	26.7	15	32	3.92	24.4	1.33	4.61	93.9	7.7	751
AC89	34	36	2	337	22.8	13	6.92	27	4.34	75.4	1.69	123	26.7	13	30	4.14	23.5	1.65	4.39	116	10.8	800
AC89	36	38	2	178	20.6	12.6	6.44	25.6	4.32	103	1.54	119	26.2	14	25.2	3.58	18.1	1.45	3.42	140	9.4	677
AC89	38	40	2	182	15.9	9.05	5	20.4	3.21	74.3	1.28	96.8	22.3	13	22.3	2.79	16.6	1.29	3.96	101	7.8	565
AC89	40	42	2	230	14.9	8.61	5.25	19.9	2.95	106	1.13	119	30	11	23.8	2.7	20.1	1.14	4.43	86.9	7.8	660
AC89	42	43	1	187	33.9	20.1	9.8	39.5	7.1	72.4	2.61	141	29	17	35.7	5.72	9.1	2.58	2.56	208	17.6	812
AC90	32	34	2	133	43	27.1	18	48.3	8.63	168	4.14	278	64.5	47	61.2	7.3	5.5	3.77	1.8	225	24.8	1115
AC90	34	36	2	92.3	39.7	22.2	16.2	49	7.63	140	3.78	240	52	45	55.9	7.02	4.5	3.24	1.76	165	22.6	917
AC91	24	26	2	322	13.1	5.87	6.99	20.4	2.33	129	0.84	146	38.8	14	29.5	2.81	11.6	0.86	1.84	52.5	5.5	777
AC91	26	28	2	122	7.5	4.04	3.41	10.1	1.59	57.8	0.39	65.7	15.8	30	13.5	1.56	5.8	0.44	1.75	36	2.7	343
AC91	28	30	2	194	11.7	5.58	4.43	15.6	2.19	89.4	0.64	91.5	22.7	40	16.4	2.08	5.1	0.75	1.58	61.5	4.1	523
AC91	30	31	1	168	13.4	7.34	4.68	17.6	2.51	66.3	0.78	86.8	19.7	30	17.7	2.36	5.4	0.87	1.18	75.2	6.2	489
AC92	20	22	2	70	1.74	0.56	0.89	2.3	0.28	44.5	0.05	17.6	6.78	11	3.4	0.39	4.5	0.07	1.08	5.4	0.5	154
AC92	22	24	2	100	2.94	1.06	1.94	4.84	0.56	49.7	0.13	38.3	11.2	15	6.8	0.64	3	0.15	0.68	9.9	0.9	229
AC92	24	26	2	219	15.6	7.27	6.01	20.3	2.85	98.6	0.83	113	27.2	18	22.9	2.82	4	0.94	0.95	67	5.9	610
AC93	16	18	1	154	4.21	3.01	1.24	5.58	0.91	88.5	0.47	37.8	12.4	9	6.7	0.84	16.7	0.44	1.86	26.7	2.8	346
AC94	16	18	2	82.6	0.74	0.37	0.4	1.12	0.11	58.5	0.06	16.5	6.97	33	2.2	0.13	14.4	0.06	3.1	2.5	0.3	173
AC94	18	20	2	56	1.27	0.76	0.6	2.05	0.24	47.8	0.13	17	5.79	23	2.5	0.27	11.3	0.1	2.33	6.6	0.7	142
AC94	20	22	2	58.1	1.31	0.76	0.62	1.3	0.22	42	0.14	15.1	5.94	12	2	0.24	8.8	0.11	2.07	6.4	0.7	135
AC94	22	23	1	96.1	3.87	2.97	1.05	4.37	0.98	62.8	0.44	28.3	9.62	22	5.2	0.73	26.9	0.35	4.8	32.7	2.6	252
AC95	24	26	2	118	3.71	1.57	2.01	5.75	0.66	53.8	0.29	49.7	13.5	8	7.8	0.75	7.6	0.24	2.35	17.8	1.4	277
AC95	26	28	2	113	6.12	4.52	2.17	7.44	1.36	53.2	0.6	49.2	13.6	10	8.5	1.14	11.9	0.55	3.11	41.2	3.7	306
AC95	28	29	1	113	6.33	3.98	2.11	8.49	1.34	57.4	0.61	54	14.6	8	9.6	1.13	14.6	0.55	3.71	43.1	3.7	320
AC96	16	18	2	21.1	0.92	0.55	0.45	1.34	0.19	22.8	0.08	11	3.22	11	2	0.15	5.1	0.07	0.98	4.9	0.6	69
AC96	18	20	2	78.9	8.66	4.41	4.37	13.1	1.73	65.7	0.6	75.8	16.9	17	14.7	1.68	12	0.66	1.46	55.7	3.5	346
AC96	20	22	2	73	2.61	0.85	1.33	4.13	0.43	41.3	0.11	28.9	8.84	23	5.6	0.48	6.9	0.17	3.01	12.4	0.9	181
AC96	22	24	2	264	6.87	2.35	4.1	12.1	1.15	163	0.23	110	33.8	21	16.7	1.35	4.8	0.33	3.13	24.8	1.7	642

AC96	24	26	2	105	5.34	3.31	2.04	6.39	1.18	60.8	0.43	42.8	13.1	16	6.8	0.99	4.7	0.5	1.82	42.6	3.2	294
AC96	26	28	2	78.7	7.16	4.72	2.17	8.16	1.52	40.6	0.75	46.7	11.5	19	7.6	1.22	6.1	0.63	2.55	56.3	4.5	272
AC96	28	30	2	231	7.69	3.58	4.43	14	1.36	90.7	0.36	157	37.9	22	20.1	1.77	4.1	0.5	3.35	39.6	2.4	612
AC97	16	18	2	52.8	2.32	0.89	1.19	3.27	0.4	42.4	0.12	24.3	6.69	17	4.3	0.43	6.9	0.13	2.25	8.9	0.7	149
AC97	18	20	2	64.6	3.44	0.99	1.95	5.18	0.49	48.9	0.14	34.2	9.26	17	6.6	0.65	5.3	0.14	1.92	13.5	1	191
AC97	20	22	2	107	6.64	2.66	3.28	9.66	1.22	75.3	0.22	58.2	15	17	10.2	1.32	4.8	0.43	1.34	32.3	1.8	325
AC97	22	24	2	118	7.48	3.66	3.32	11.2	1.59	80.4	0.37	58.6	15.9	17	11.2	1.44	5.7	0.53	1.17	46.2	2.8	363
AC97	24	26	2	119	14.5	9.25	4.85	15.8	3.22	74.4	1.14	78.3	17.5	22	15.3	2.71	4	1.32	0.95	116	7.4	481
AC97	26	28	2	77.1	11	7.01	3.89	14.6	2.52	43.6	0.79	60.2	13	31	13.1	2.15	3.3	1.02	1.07	84.4	5.2	340
AC97	28	30	2	99.5	12.6	5.98	4.73	17.4	2.4	52.6	0.79	82.3	17.5	26	18.3	2.45	3.6	0.89	1.45	80.3	5.8	404
AC98	24	26	2	198	19.9	7.09	9	29.2	3.35	115	0.59	146	33.2	35	28.4	4.26	4.8	0.97	1.63	88.1	4.6	688
AC98	26	28	2	124	13.3	5.34	5.69	19.5	2.49	72.8	0.49	91.4	21.3	33	18	2.54	4.9	0.69	1.88	87.7	4	469
AC98	28	30	2	106	10.3	5.1	3.55	13.2	2.07	59.8	0.61	74.6	16.6	30	13.6	1.92	10.3	0.77	2.18	61.7	5.2	375
AC98	30	32	2	138	13	7.27	4.34	18.5	2.8	70.6	0.93	91.7	20.3	26	15.9	2.52	10.7	1.04	2.06	88.7	6.7	482
AC98	32	34	2	130	13.2	8.23	4.75	18.1	2.96	61.8	1.12	85.5	19.1	17	16	2.62	9.7	1.18	1.8	97.7	7.4	470
AC98	34	36	2	163	26.1	15.7	7.36	32.6	5.89	74.7	1.98	122	24.6	19	26.5	4.67	10.7	2.33	2.04	177	14.1	699
AC99	20	22	2	190	14.1	6.74	5.99	18.8	2.58	96.3	1.12	124	29.7	24	22.8	2.71	11.7	1.08	6.62	79.8	6.9	603
AC99	22	24	2	175	17.1	8.83	6.63	22.3	3.2	91.6	1.19	127	28.9	21	24	3.25	10.1	1.3	6.76	100	7.6	618
AC99	24	26	2	115	14.3	8.41	5.33	19.1	3.21	71.1	0.9	93.2	21.2	25	18.1	2.79	6.9	1.2	4.42	116	6.3	496
AC99	26	28	2	101	19	9.97	5.98	25.1	4.19	57.8	1.29	93.6	19.3	38	20.4	3.71	6.9	1.55	2.84	148	7.5	518
AC99	28	30	2	91.4	14.1	6.55	3.98	15.4	2.89	40.3	0.99	70.1	15.2	15	14.8	2.49	5.3	0.97	2.12	80.3	6.3	366
AC99	30	32	2	47.9	13.2	8.29	3.7	15.6	2.94	22	1.02	44.5	7.95	27	10.4	2.3	3.9	1.11	1.2	86.5	6.9	274
AC99	32	34	2	26.1	8.37	4.74	2.11	8.8	1.77	12.2	0.6	26.5	4.71	30	5.6	1.3	1.6	0.8	0.72	52.7	4.6	161
AC99	34	36	2	65.1	7.98	4.83	3.01	9.91	1.7	32	0.58	41.7	9.04	16	8.5	1.49	5.4	0.74	1.5	55.9	3.8	246
AC99	36	38	2	56.4	5.06	3.07	1.64	5.87	1.16	27.2	0.43	30.2	7.05	19	5.6	0.99	5.2	0.4	1.33	35	2.8	183
AC99	38	39	1	62.9	7.37	4.4	2.39	8.93	1.84	29.5	0.67	37.4	8.3	20	8	1.43	4.3	0.72	1.51	53.4	4.1	231
AC100	18	20	2	33	2.84	1.34	1.77	4.78	0.59	32.4	0.18	30.3	7.39	13	4.8	0.66	6.3	0.19	2	15.7	1.2	137
AC100	20	22	2	64.8	5.87	2.55	3.2	9.26	1.22	58.4	0.29	58.7	14.4	19	9.6	1.34	6.4	0.43	2.89	32.3	2.4	265
AC100	22	24	2	130	11.1	5.16	6.09	19	1.96	106	0.48	126	30.7	31	21.9	2.59	5.9	0.62	3.99	49.7	3.4	515
AC100	24	26	2	147	22.5	9.5	9.89	33.7	4.27	109	1.12	174	41.1	31	34.4	4.8	1.4	1.36	1.06	107	7.4	707

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AC101	20	22	2	147	18	7.39	8.29	27.6	3.43	124	0.73	156	36.7	38	29.3	3.86	4.9	1.05	2.59	78.7	6	648
AC101	22	24	2	199	35.3	17.9	12.6	48.2	6.88	145	1.9	217	48.3	35	44.2	7.01	4.1	2.45	2.13	196	13.6	995
AC102	8	10	2	21.5	2.52	1.34	1.38	4.13	0.54	108	0.19	39.6	13.3	6	4.9	0.67	4.9	0.18	1.37	13.1	1.6	213
AC102	10	12	2	43	2.4	1.15	1.31	4.04	0.43	95.9	0.15	33.2	11	14	4.2	0.5	5.1	0.15	1.38	9.6	1.2	208
AC102	12	14	2	75.4	1.21	0.72	0.97	2.27	0.22	116	0.13	30.2	10.7	29	4.1	0.29	7.8	0.09	1.22	5.8	0.6	249
AC102	14	16	2	65.8	1.25	0.82	1.03	2.84	0.3	64	0.1	29.3	8.4	12	3.9	0.34	7.3	0.11	1.3	10.2	0.6	189
AC102	16	18	2	76.2	1.55	0.95	1.11	3.3	0.31	53.5	0.08	32.2	9.43	8	4.4	0.39	10.8	0.1	1.44	14.4	0.5	198
AC102	18	20	2	112	2.14	0.84	1.75	4.75	0.37	76.8	0.07	48.1	13.7	12	7	0.59	14.9	0.11	1.5	11.1	0.6	280
AC102	20	22	2	125	2.74	0.99	2.14	5.51	0.47	104	0.13	57.8	16.8	12	7.4	0.69	13.9	0.13	1.7	13.1	0.7	338
AC102	22	24	2	219	4.62	2.03	3.33	9.01	0.77	111	0.16	93.4	27.6	14	14	1.09	14.8	0.23	3.48	20	1.2	507
AC102	24	26	2	163	3.5	1.33	3.03	8.74	0.67	77.9	0.17	80.9	20.2	9	13.5	0.97	15	0.15	1.94	17.8	1.1	393
AC102	26	28	2	172	4.22	1.75	3.19	8.42	0.75	83.7	0.18	83	20.4	8	12.8	1.01	17.4	0.23	2.25	22	1.4	415
AC102	28	30	2	149	4.67	2.42	3.42	9.52	0.95	74.4	0.31	71.4	18	15	12	1.09	14.6	0.33	1.97	30.5	1.9	380
AC102	30	32	2	149	4.32	2.18	3.04	8.95	0.84	75.5	0.25	75.7	18.3	13	12.2	0.94	11.4	0.21	1.32	24.5	1.8	378
AC102	32	34	2	167	4.58	2.07	3.34	9.22	0.87	82.5	0.23	81.4	20.3	14	13.7	1.1	13.2	0.29	1.83	25.5	1.3	413
AC102	34	36	2	162	4.34	2.13	3.15	9.23	0.81	81.4	0.21	81.2	19.8	12	11.9	1.08	12.1	0.22	1.67	23.1	1.8	402
AC102	36	38	2	138	4.39	1.98	3.12	7.64	0.83	68	0.23	66.1	16.8	9	10.6	1.01	10.6	0.21	1.7	23.3	1.3	344
AC102	38	39	1	143	4.58	1.97	3.05	8.22	0.9	72.3	0.17	67.6	18.3	11	11.1	0.99	11.5	0.26	2.1	25.9	1.4	360
AC103	20	22	2	222	5.72	2.82	3.74	9.54	1	77.7	0.25	87.9	22.1	17	15	1.25	18.3	0.34	2.19	24.5	1.8	476
AC103	22	24	2	158	5.96	2.77	3.9	11	1.08	81.5	0.34	87.2	21.5	21	14.6	1.29	12.9	0.37	2.15	32.5	2	424
AC103	24	26	2	214	11.1	4.63	6.13	18.3	1.87	115	0.37	124	30.3	19	23.4	2.26	12.7	0.6	1.78	53.6	3.4	609
AC103	26	28	2	128	6.8	3.89	3.83	11.7	1.4	73.7	0.45	76.5	18.4	14	13.6	1.5	8.1	0.5	1.33	42.9	3.2	386
AC103	28	30	2	103	3.37	2.23	2.15	6.35	0.74	48	0.24	47.3	12	14	7.8	0.76	9.9	0.23	2.04	23.8	1.8	260
AC103	30	32	2	110	3.45	1.7	2.46	6.46	0.61	55.6	0.18	54.1	13.9	15	9	0.71	10.3	0.22	2.01	19	1.3	279
AC104	20	22	2	242	9.05	4.14	4.53	13.2	1.52	91.6	0.3	101	25.3	21	18	1.75	11.8	0.41	8.94	43.8	2.4	559
AC104	22	24	2	215	8.99	4.57	4.48	14.7	1.57	120	0.37	108	27.7	16	18.3	1.92	10.5	0.51	4.05	55.2	3.2	585
AC104	24	26	2	276	12.4	6.1	5.89	20.1	2.36	191	0.6	138	39.8	21	23.8	2.62	8.7	0.71	2.5	75.9	4	799
AC104	26	28	2	192	33.2	21.6	10	41.3	7.4	114	2.38	165	35.2	35	34.8	5.98	4.4	2.73	1.16	257	16.1	939
AC104	28	30	2	250	25.3	14	10.5	37	5.13	144	1.55	190	42.6	40	38.2	5.14	6.1	1.87	1.11	175	10.3	951
AC104	30	32	2	68.8	3.95	2.55	1.47	5.48	0.87	25.8	0.27	30.2	7.56	32	5.7	0.79	4.5	0.29	1.48	33.4	1.7	189

AC104	32	34	2	80.1	1.57	1.14	0.63	2.2	0.34	11.1	0.12	13.3	3.17	18	2.5	0.34	5.9	0.1	1.51	12.1	1	130
AC104	34	36	2	93.8	5.93	3.29	2.85	8.54	1.02	35	0.33	51	11.4	66	10.5	1.06	7.6	0.4	1.94	29.4	2.3	257
AC104	36	38	2	98.5	11.4	6.96	3.5	13.6	2.54	46.8	0.9	56.6	12.6	44	12.1	2.1	4.4	0.96	0.92	72.3	6	347
AC104	38	39	1	65.3	7.16	4.46	2.22	8.16	1.6	29.9	0.54	33.1	7.86	38	7.8	1.31	3.5	0.62	0.54	47.3	3.3	221
AC105	8	10	2	53.1	0.6	0.39	0.5	1.06	0.13	42.2	0.07	12.6	4.9	30	2	0.14	6.8	0.06	0.95	3.1	0.3	121
AC105	10	12	2	215	10.9	4.57	8.12	16.7	1.97	94.7	0.48	131	31	24	25.8	2.39	18.4	0.61	1.56	32.6	3.7	580
AC105	12	14	2	76.6	4.57	2.43	1.76	4.35	0.72	53	0.41	27.2	9.09	14	5.6	0.74	7.4	0.38	1.09	25.7	2.4	215
AC105	14	16	2	95.4	1.69	1.38	0.69	1.76	0.44	70.9	0.26	16.8	7.61	17	1.8	0.27	4.7	0.28	1.05	17.8	1.4	218
AC105	16	18	2	134	1.52	0.75	0.91	1.94	0.31	77	0.1	28	12.2	14	3	0.3	3.9	0.13	1.51	8.7	0.7	270
AC105	18	20	2	78.4	2.01	1.36	1.09	2.12	0.44	44.7	0.15	22.2	8.55	14	2.5	0.3	8	0.19	2.7	15.1	1.4	181
AC105	20	22	2	88.5	2.42	2.08	0.97	2.36	0.58	49.8	0.29	27.5	9.38	12	3.2	0.38	7.4	0.3	1.92	19.2	1.7	209
AC105	22	24	2	57.3	1.5	0.95	1	2.29	0.33	30.3	0.16	26.7	6.9	10	3.5	0.28	3.9	0.15	3.12	8.5	1	141
AC105	24	26	2	62.2	1.72	0.82	1.39	2.86	0.35	27.6	0.17	34.6	8.17	20	4.8	0.33	2.8	0.15	3.54	9	1	155
AC105	26	28	2	72.3	2.04	1.27	1.49	3.19	0.37	34.7	0.22	33.9	8.82	18	4.6	0.36	4.3	0.16	2.22	10.8	1.3	176
AC105	28	29	1	58.2	3.32	2.51	1.73	4.67	0.76	25.7	0.37	33.3	7.64	15	6	0.61	2.9	0.38	1.25	20.6	2.3	168
AC106	8	10	2	107	0.83	0.42	0.81	1.5	0.15	84.2	0.09	33.3	14	21	3.4	0.2	9.1	0.06	1.45	3.1	0.5	250
AC106	10	12	2	35.2	0.75	0.45	0.39	0.94	0.19	25.1	0.08	11.6	3.86	39	1	0.13	8.7	0.09	1.37	6.2	0.7	87
AC106	20	22	2	250	4.15	1.17	3.5	10.2	0.66	98.8	0.06	124	33.4	20	17.9	1.16	7.9	0.16	2.7	9.1	0.6	555
AC106	22	23	1	111	2.01	0.99	1.41	3.99	0.35	50.1	0.11	44.8	13.9	36	6.4	0.46	5	0.16	3.08	8.9	0.9	245
AC107	12	14	2	54.8	3.86	3.03	0.5	4.1	0.95	41.4	0.45	31.6	8.53	4	5.3	0.67	13	0.49	2.23	25.1	3.2	184
AC107	14	16	2	76.9	6.02	3.89	1.09	6.04	1.45	63.4	0.79	49.4	13.3	5	8.6	0.97	15.5	0.69	2.95	37.2	4.2	274
AC108	16	18	2	118	0.87	0.56	0.86	1.75	0.19	76.8	0.08	22.8	9.12	9	2.2	0.2	9.8	0.07	2.08	4	0.5	238
AC108	18	19	1	46.8	0.74	0.63	0.49	1.15	0.12	33.1	0.12	11.1	3.97	16	1.7	0.15	10	0.09	2.48	5.1	0.6	106

## 2012 JORC Code – Table 1

### Section 1: Sampling Techniques and Data

<p><b>Sampling techniques</b></p>	<p>Nature and quality of sampling (e.g., cut channels, random chips, or specific specialized 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.</p>	<p>A total of 109 vertical aircore holes were drilled in two areas at Cowalinya in July 2021 – 59 holes in Cowalinya South and 50 holes in Cowalinya North. Maximum hole depth was 44m. All holes were testing for supergene rare earth element (REE) mineralisation hosted by saprolitic clays. Both areas drilled overlapped extensively with areas previously aircore drilled by two other companies exploring for gold (AngloGold Ashanti Ltd and Great Southern Gold Pty Ltd).</p> <p>One-metre samples were collected from a cyclone into plastic bags.</p> <p>In the original program, 100 holes were 4m composite sampled with shorter composites at end of hole; 9 holes were sampled on a 1m basis. Overlying transported sediments were not routinely sampled as they were not thought to contain anomalous amounts of REEs – where they were assayed low values were returned.</p> <p>Mr. David Ross was the responsible geologist who supervised the drilling and undertook the sampling.</p> <p>In the re-assay program, 102 of the original 109 holes drilled were sampled on a 2m basis. This was carried out by the Competent Person and the responsible geologist.</p>
	<p>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</p>	<p>For aircore drilling, regular air and manual cleaning of cyclone was undertaken. Certified standards and duplicate samples were submitted with drill samples.</p>
	<p>Aspects of the determination of mineralisation that are Material to the Public Report.</p>	<p>Aircore drilling was used to obtain 1m samples which were collected in plastic bags. Samples ranging from 1m to 4m composites (original program) and 2m composites (re-assay program) were taken for analysis. Sample size was 2-3kg in weight. At LabWest Minerals Analysis (LabWest) in Perth, Western Australia, samples were dried, crushed, split and pulverized with a 0.1g sub-sample set aside for assay.</p>
<p><b>Drilling techniques</b></p>	<p>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.).</p>	<p>Aircore. A type of reverse circulation drilling using slim rods and a 3.5-inch blade bit. The samples recovered are typically rock chips and powder, similar to reverse circulation drilling.</p>

<b>Drill sample recovery</b>	Method of recording and assessing core and chip sample recoveries and results assessed.	Aircore recovery was visually assessed by comparing drill chip volumes in sample bags for individual metres. Estimates of sample recovery were recorded on drill logs. Routine checks for correct sample depths were undertaken. Aircore sample recoveries were visually checked for recovery, moisture and contamination and considered to be acceptable within industry standards. The cyclone was routinely cleaned ensuring no material build up.
	Measures taken to maximize sample recovery and ensure representative nature of the samples.	Due to the generally good drilling conditions through dry saprolite the responsible geologist believes the samples are reasonably representative. Poor sample recovery was regularly recorded in the first couple of metres of a hole and often when hard bedrock was intersected – usually less than a full metre was recovered. Wet samples with moderate recoveries were encountered most often in the transported sand/silcrete layer lying immediately above saprolite.
	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.	No sample bias has been identified to date. Future studies will be undertaken.
<b>Logging</b>	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.	Chip/clay samples were geologically logged in enough detail to discern lithological units. Logging was appropriate for this style of drilling and current stage of the project.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	Logging was qualitative in nature.
	The total length and percentage of the relevant intersections logged.	All aircore holes were completely geologically logged.
<b>Sub-sampling techniques and sample preparation</b>	If core, whether cut or sawn and whether quarter, half or all core taken.	Not applicable.
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	1m samples were collected from a cyclone into plastic bags. 4m and 2m composites and single metre samples were collected by spearing each plastic bag with a scoop down the side of the bag and dragging it back up the side of the bag so as not to lose any sample – this achieved a representative sample from top to bottom through the entire bag. The vast majority of samples were dry sampled.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sampling technique is appropriate for the sample types and stage of the project.
	Quality control procedures adopted for all sub-sampling stages to maximize representivity of samples.	QAQC procedures involved the use of certified standards every 40 <sup>th</sup> sample in the original program, and every 20 <sup>th</sup> sample in the re-assay program.

	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.	A field duplicate was taken every 80 <sup>th</sup> sample in the original program, and every 20 <sup>th</sup> sample in the re-assay program.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample size of 2-3kg is considered appropriate to the grain size and style of mineralisation being investigated.
<b>Quality of assay data and laboratory tests</b>	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	<p>In the original program, analyses were done at LabWest using their MMA-04 technique: microwave assisted HF/multi-acid digest with ICP-MS/OES finish.</p> <p>In the re-assay program, analyses were done at LabWest using their AF-02S technique: lithium meta/tetraborate fusion with ICP-MS/OES finish.</p> <p>These techniques are considered to be 'near total' (MMA-04) and 'total' (AF-02S) digest.</p> <p>A suite of 15 REEs – lanthanum (La), cerium (Ce), praseodymium (Pr), neodymium (Nd), samarium (Sm), europium (Eu), gadolinium (Gd), terbium (Tb), dysprosium (Dy), holmium (Ho), erbium (Er), thulium (Tm), ytterbium (Yb), lutetium (Lu), and yttrium (Y) – plus scandium (Sc), thorium (Th) and uranium (U) were measured in the original program, with oxides of aluminium (Al), calcium (Ca), iron (Fe), magnesium (Mg) and phosphorus (P) added for the re-assay program.</p>
	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.	Not applicable.

	Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.	<p>OREAS standards and/or blanks were inserted every 40<sup>th</sup> sample in the field in the original program, and every 20<sup>th</sup> sample in the re-assay program. Field duplicates were taken every 80<sup>th</sup> sample in the original program, and every 20<sup>th</sup> sample in the re-assay program.</p> <p>LabWest used OREAS standards, blanks and sample repeats. Acceptable levels of accuracy were achieved.</p> <p>In the original program, Bureau Veritas conducted check assays by lithium borate fusion/laser ablation/ICP-MS on 46 samples from 2 holes (AC16 and 28) containing &gt;300ppm total rare earth oxide (TREO) from Cowalinya South – these on average gave 12.2% higher TREO values than the original HF/multi-acid digests by LabWest reflecting 'total' digest by the fusion method as opposed to 'near total' digest by the multi-acid method. Correlation coefficient between the two methods was 0.985.</p> <p>The Bureau Veritas work provided the technical justification to proceed with the re-assay program.</p>
<b>Verification of sampling and assaying</b>	The verification of significant intersections by either independent or alternative company personnel.	Significant intersections have yet to be verified by an independent geological consultant. They have been verified by alternative company geological personnel.
	The use of twinned holes.	Three aircore holes were drilled close enough to historical aircore holes to be able to compare downhole La and Ce assays. The distribution profiles and values were similar for two of the holes.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All data have been entered into Excel spreadsheets.
	Discuss any adjustment to assay data.	No data has been adjusted.
<b>Location of data points</b>	Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Hole collars were surveyed using a hand-held Garmin Etrex 10 GPS with ±3m accuracy. Only northings and eastings were recorded using the hand-held GPS.
	Specification of the grid system used.	GDA94 z51.
	Quality and adequacy of topographic control.	Cowalinya North and South are located in relatively flat terrain. Collar RLs have been obtained from a surface wireframe constructed using collar RL information contained in historical drill logs from AngloGold Ashanti and Great Southern Gold.



<p><b>Data spacing and distribution</b></p>	<p>Data spacing for reporting of Exploration Results.</p>	<p>Cowalinya North: a mixture of 250m x 100m and 250m x 50m. Cowalinya South: 400m x 100m.</p>
	<p>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.</p>	<p>Data spacing sufficient for this style of mineralisation to establish an Inferred Mineral Resource at both Cowalinya North and South. The mineralisation occurs as extensive, generally flat lying supergene blankets hosted in saprolitic clays.</p>
	<p>Whether sample compositing has been applied.</p>	<p>In the original program, 100 holes out of 109 were assayed by 4m composite samples, compiled from one metre drilled samples. 2m and 3m composites were sometimes created at the end of a hole depending on the final depth. The remaining 9 holes were sampled on a 1m basis. This resulted in a total of 859 samples (including standards, blanks and field duplicates) being submitted for assay.</p> <p>In the re-assay program, 102 holes out of 109 were assayed by 2m composite samples, resulting in a total of 729 samples (including standards, blanks and field duplicates). Sampling targeted mineralised drill intervals from the original program that assayed <math>\geq 200</math>ppm TREO.</p>
<p><b>Orientation of data in relation to geological structure</b></p>	<p>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</p>	<p>Sampling is likely to be unbiased as vertical holes are intersecting flat lying mineralisation.</p>
	<p>If the relationship between the drilling orientation and the orientation of key mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</p>	<p>It is unlikely to be biased.</p>
<p><b>Sample security</b></p>	<p>The measures taken to ensure sample security.</p>	<p>The Competent Person and responsible geologist undertook the sampling for the re-assay program, and the former supervised delivery of samples to the laboratory.</p>
<p><b>Audits or reviews</b></p>	<p>The results of any audits or reviews of sampling techniques and data.</p>	<p>No audits or reviews have been commissioned to date.</p>

## Section 2: Reporting of Exploration Results

<b>Mineral tenement and land tenure status</b>	<p>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.</p> <p>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.</p>	<p>Exploration licence E63/1972 is located 55 km east-north-east of Salmon Gums, Western Australia. It comprises an area of 80 graticular blocks or 224 km<sup>2</sup>. It is situated on unallocated crown land. The registered holder is Heavy Rare Earths Limited (HRE). Full native title rights have been granted over the tenement and surrounding lands to the Ngadju people.</p> <p>The tenement is in good standing. There are no impediments to operating on the tenement other than requirements of the DMIRS and the Heritage Protection Agreement, all of which are industry standard.</p>
<b>Exploration done by other parties</b>	<p>Acknowledgment and appraisal of exploration by other parties.</p>	<p>AngloGold Ashanti and Great Southern Gold both previously worked in the area of E63/1972 exploring for gold mineralisation. Surface geochemical sampling and aircore drilling was undertaken by both companies but no significant gold mineralisation was discovered. Both companies assayed bottom of hole samples for a suite of multi-elements including REEs. Anomalous bedrock REE values were recorded in numerous holes from their drilling. Great Southern Gold also assayed for La and Ce for the entire length of a number of holes.</p>
<b>Geology</b>	<p>Deposit type, geological setting and style of mineralisation.</p>	<p>The deposit type being investigated is low grade saprolite clay-hosted supergene rare earth mineralisation. This style of supergene rare earth mineralisation is developed over bedrock granitic rock types (granites and granitic gneisses) which contain anomalous levels of REEs. Although low grade, low mining and processing costs can make this type of deposit profitable to exploit.</p>
<b>Drillhole Information</b>	<p>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:</p> <ul style="list-style-type: none"> <li>easting and northing of the drillhole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul>	<p>All relevant data for the drilling is shown in Table 2.</p>

<p><b>Data aggregation methods</b></p>	<p>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.</p>	<p>All REE assay results have been converted to oxide (REO) values using the following industry standard element-to-stoichiometric oxide conversion factors:</p> <p>La<sub>2</sub>O<sub>3</sub> = La x 1.1728            CeO<sub>2</sub> = Ce x 1.2284            Pr<sub>6</sub>O<sub>11</sub> = Pr x 1.2082            Nd<sub>2</sub>O<sub>3</sub> = Nd x 1.1664            Sm<sub>2</sub>O<sub>3</sub> = Sm x 1.1596            Eu<sub>2</sub>O<sub>3</sub> = Eu x 1.1579            Gd<sub>2</sub>O<sub>3</sub> = Gd x 1.1526            Tb<sub>4</sub>O<sub>7</sub> = Tb x 1.1762            Dy<sub>2</sub>O<sub>3</sub> = Dy x 1.1477            Ho<sub>2</sub>O<sub>3</sub> = Ho x 1.1455            Er<sub>2</sub>O<sub>3</sub> = Er x 1.1435            Tm<sub>2</sub>O<sub>3</sub> = Tm x 1.1421            Yb<sub>2</sub>O<sub>3</sub> = Yb x 1.1387            Lu<sub>2</sub>O<sub>3</sub> = Lu x 1.1371            Y<sub>2</sub>O<sub>3</sub> = Y x 1.2699.</p> <p>These oxide values are summed to produce a TREO grade for each assay sample.</p> <p>Minimum grade cut-off used is 300ppm TREO-CeO<sub>2</sub>.</p> <p>No high cut-off has been applied.</p> <p>Length weighted averages have been applied to intersections.</p>
	<p>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.</p>	<p>Intervals reporting &gt;1000ppm TREO are reported separately.</p>
	<p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	<p>No metal equivalent values have been used.</p>
<p><b>Relationship between mineralisation widths and intercept lengths</b></p>	<p>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</p> <p>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</p>	<p>To date the targeted mineralisation appears to occur in flat lying sheets and drill holes have all been drilled at 90° vertically.</p> <p>The down hole length of intercept is effectively a true thickness of mineralisation.</p>

<b>Diagrams</b>	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 drillhole collar locations and appropriate sectional views.	Refer to Figure 1 for a plan view of the Cowalinya drillhole collar locations.
<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.	Re-assays of intersections of mineralised widths ( $\geq 300$ ppm TREO-CeO <sub>2</sub> ) for which a direct comparison with assays from the original program is possible, are reported in Table 1.  Complete assays for these intervals are presented in Table 3.
<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.	Preliminary metallurgical testwork has shown up to 91% TREO recovery from Cowalinya South using 5% hydrochloric acid at 30°C.  U and Th values are reported in the re-assay program as they are considered to be deleterious elements in rare earth processing. The highest values recorded for these elements in the original program were 48ppm U <sub>3</sub> O <sub>8</sub> and 48ppm ThO <sub>2</sub> , and 52ppm U <sub>3</sub> O <sub>8</sub> and 54ppm ThO <sub>2</sub> in the re-assay program. Weighted averages for all intersections reporting $\geq 300$ ppm TREO-CeO <sub>2</sub> in the original program were 5ppm U <sub>3</sub> O <sub>8</sub> and 15ppm ThO <sub>2</sub> .
<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).	Further aircore drilling is in progress to test for lateral extensions to mineralisation.  Comprehensive metallurgical testwork is in progress and petrological studies will be completed to identify REE-bearing mineral species.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	HRE deems this to be commercially sensitive.