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11 June 2025

Results of Aileron drilling program at Sandover AI Project

- **A three-hole drilling program has been completed at the Aileron lead-silver target at the Sandover AI Project ("Project") in the Northern Territory.**
- **Tivan's exploration alliance partner for the Project, EARTH AI, designed and oversaw the program.**
- **Assays have been received for the drilling with results that do not support further exploration.**
- **Tivan is undertaking a review of the Sandover AI Project to inform planning for the year ahead, noting the Company's pathway at the nearby Sandover Fluorite Project.**

The Board of Tivan Limited (ASX: TVN) ("Tivan" or the "Company") here provides an update on the diamond drilling program undertaken at the Aileron lead-silver target (EL33099), part of the Sandover AI Project ("Project") in the Northern Territory. The Project is located 100km north of Alice Springs and covers an area of approximately 8,000km^2 across two contiguous blocks of tenements in the Northern Arunta Pegmatite Province.

Tivan entered into an Exploration Alliance Agreement with EARTH AI to advance exploration at the Project under a success-based model providing access to innovative artificial intelligence capability for targeting and testing (see ASX announcement of 7 March 2023). Under the Agreement, EARTH AI is the Exploration Manager at the Project.

In February 2025, Tivan announced that a maiden diamond drilling program had commenced at Aileron (see ASX announcement of 7 February 2025).

EARTH AI deployed its in-house diamond drill rig and technical team to undertake the drilling. The drilling program was completed in April, comprising three diamond drill holes for a total of 1,396 metres drilled.

Results and Technical Summary

EARTH AI has provided the assay results and a technical evaluation summary report for each of the holes. A summary for each hole is provided below. Figure 1 overleaf provides a map depicting the drill collars and drill trace for each of the holes; Figure 2 overleaf provides a map depicting surface sampling results used by EARTH AI for drill targeting.

Hole ESA02D

- Intersected multiple lithologies, including quartz breccia with stockwork veining, felsic gneiss, and pegmatitic zones, returning to quartz breccia at depth.
- Lead mineralisation (pyromorphite) was observed at shallow and deep intervals, associated with brecciated zones and lacking primary sulphides, suggesting supergene enrichment on the system margins.
- Drilling was terminated at 526 metres due to increasingly difficult ground conditions and reduced penetration rates.

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Hole ESA03D

- ESA03D intersected foliated leucogranite, granitic gneiss and metasediments, with increasing chlorite, epidote and quartz veining intensity downhole, terminating in a faulted quartz breccia with stockwork veining, oxides and iron hydroxides.
- Pb-Ag enrichment was observed at shallow and deeper intervals with pyromorphite present as fissure coatings and no primary sulphides identified.
- Hole was terminated at 349.1m due to complete loss of circulation in a fractured zone, preventing effective drilling.

Hole ESA12D

- ESA12D intersected micaceous leucogranite with quartz-feldspar pegmatites, transitioning into altered gneiss with increasing epidote, iron staining, and quartz veining intensity, culminating in a moderately brecciated quartz zone at end-of-hole.
- Lead mineralisation was observed as pyromorphite within fractures and thin quartz veins, with no visible primary sulphides.
- The hole was terminated at 521m due to extensive water loss within intensely fractured rock, which significantly impacted drilling efficiency.

Drillholes ESA02D, ESA03D and ESA12D intersected broad zones of alteration, veining and lead mineralisation; however, no economically significant mineralisation was encountered.

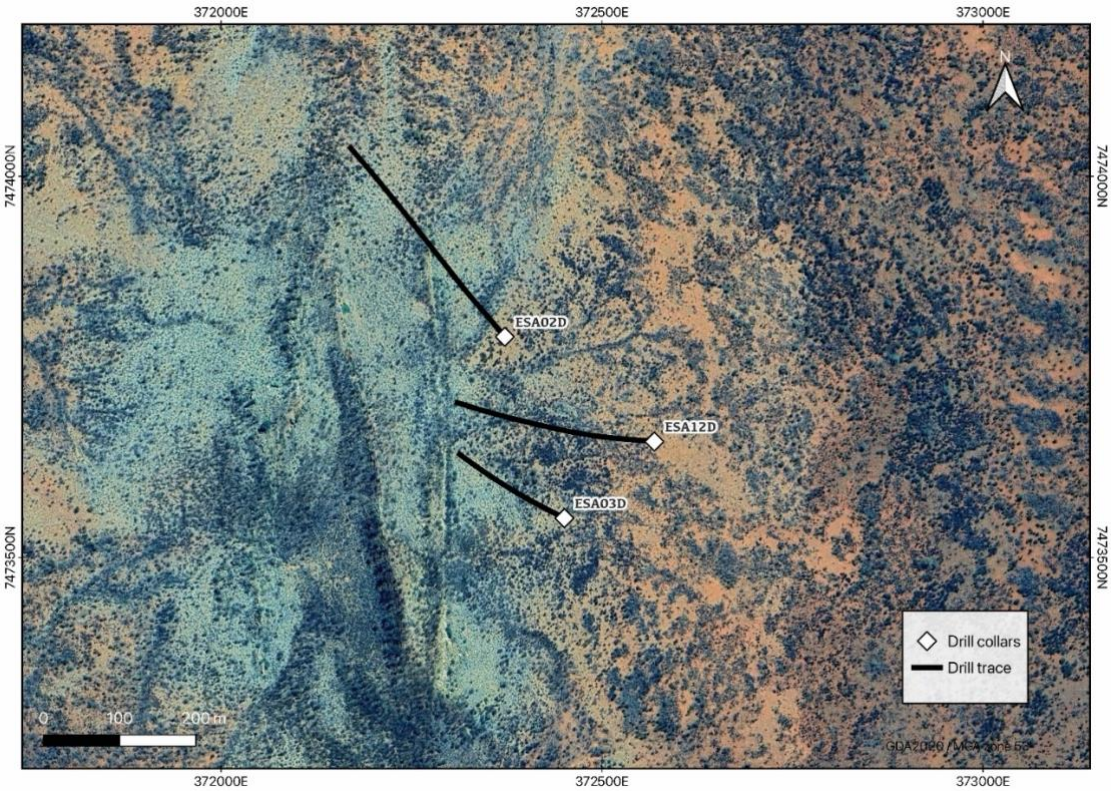

Figure 1: Map showing drill collars and drill trace for three diamond drill holes drilled at Aileron.

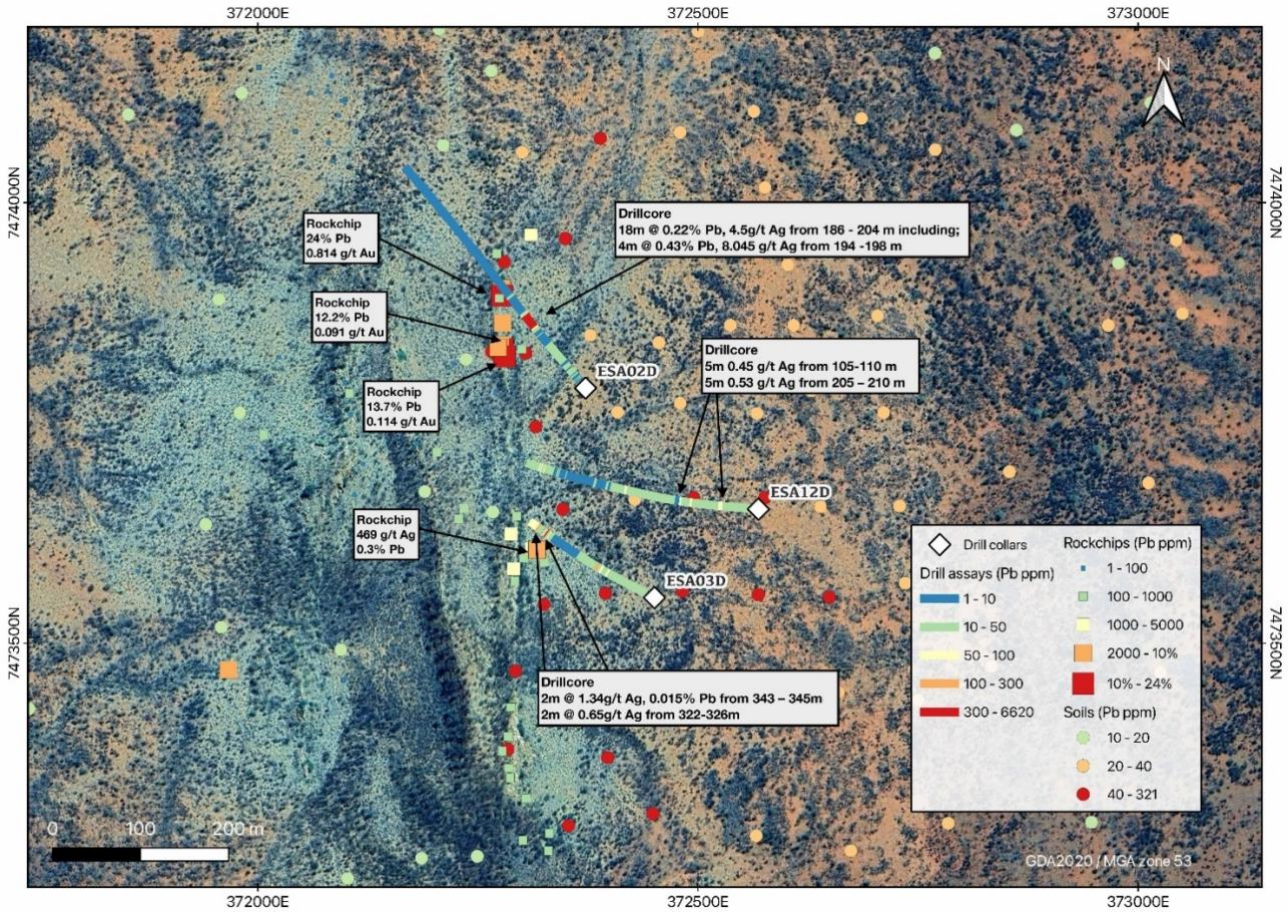

Figure 2: Map showing drill traces with Pb assays and previous surface sampling used for drill targeting

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The assay results are detailed in Appendix A to this announcement. Further technical details are provided in the JORC Code, 2012 Edition: Table 1 Report enclosed with this announcement.

Tivan review of Sandover AI Project

Tivan has previously commented that the Company was hopeful though not expectant of positive assay results at Aileron. The results are conclusive in not supporting further exploration at the prospect.

In the month ahead Tivan will conduct a review of the Sandover AI Project. This review will encompass the positive aspects of Tivan's engagement in central Australia over the past two years, that has provided a robust pathway to develop the Sandover Fluorite Project.

The review will also evaluate the tenements held by Tivan that EARTH AI has explored through field work. The costs and project management framework associated with the EARTH AI exploration alliance will also be considered.

Comment from Tivan Executive Chairman

Mr Grant Wilson commented:

"Over the past two years Tivan's engagement with the Sandover AI Project has enabled us to repair the Company's reputation in central Australia. While the assay results at Aileron are not what we had hoped for, the good standing we have achieved will translate to an expedited pathway for the exploration and development of the Sandover Fluorite Project.

Our review of the Sandover AI Project will result in decisions within a month. There will be no change to Tivan pursuing a corporate wide strategy of optimising our pathway to cashflow and profitability, while building a portfolio of low-cost development options over the medium term".

This announcement has been approved by the Board of the Company.

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Ends

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APPENDIX A - ASSAY RESULTS

Hole ESA02D

Hole ID	Easting	Northing	Azimuth	Dip	Depth (m)	Locality
ESA02D	372372.467	7473789.537	319.4	-50	526	Mt Byrne

SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA02D_0.0-5.0	0.04	0.68	140	23.4	<0.01	15
ESA02D_5.0-10.0	0.01	1.67	260	10	<0.01	33
ESA02D_10.0-12.0	<0.01	1.47	350	25.1	<0.01	15
ESA02D_12.0-14.0	0.01	0.35	370	22.6	<0.01	8
ESA02D_14.0-16.0	0.02	0.76	350	28.9	<0.01	5
ESA02D_16.0-18.0	0.02	0.89	190	22.8	<0.01	8
ESA02D_18.0-20.0	<0.01	0.58	300	17.2	<0.01	19
ESA02D_20.0-22.0	0.02	0.19	310	3.9	<0.01	27
ESA02D_22.0-24.0	0.01	0.29	560	5.7	<0.01	40
ESA02D_24.0-26.0	0.02	0.44	530	6	<0.01	24
ESA02D_26.0-28.0	0.01	0.18	520	5.2	<0.01	11
ESA02D_28.0-30.0	0.03	0.21	520	19.7	<0.01	8
ESA02D_30.0-32.0	0.01	0.19	410	9.2	<0.01	19
ESA02D_32.0-34.0	0.08	0.14	340	6	<0.01	18
ESA02D_34.0-36.0	0.03	0.35	410	14.9	<0.01	9
ESA02D_36.0-38.0	0.02	0.61	440	10	<0.01	12
ESA02D_38.0-40.0	0.06	0.45	1630	20	<0.01	16
ESA02D_40.0-42.0	0.02	1.75	2000	5.9	0.21	32
ESA02D_42.0-44.0	0.03	1.44	970	8.4	0.03	36
ESA02D_44.0-46.0	0.02	0.64	900	6	0.05	38
ESA02D_46.0-48.0	0.01	0.23	560	11.2	<0.01	4
ESA02D_48.0-50.0	0.01	0.2	520	20	<0.01	6
ESA02D_50.0-52.0	0.01	0.53	380	7.5	<0.01	10
ESA02D_52.0-54.0	0.01	1.06	670	15.6	0.01	7
ESA02D_54.0-56.0	0.02	0.4	760	18.8	<0.01	8
ESA02D_56.0-58.0	0.02	0.42	570	26	<0.01	6
ESA02D_58.0-60.0	0.01	0.17	610	30.7	<0.01	7
ESA02D_60.0-62.0	0.01	0.32	710	25.1	0.01	8
ESA02D_62.0-64.0	0.02	0.45	760	15.4	0.01	6
ESA02D_64.0-65.0	0.01	0.3	530	11.4	0.01	6
ESA02D_65.0-66.0	0.01	0.47	320	3.3	0.08	6
ESA02D_66.0-68.0	0.01	0.4	550	8.2	<0.01	9
ESA02D_68.0-70.0	0.01	0.58	690	18.4	<0.01	15
ESA02D_70.0-72.0	0.01	0.41	690	26.5	<0.01	9
ESA02D_72.0-74.0	<0.01	0.79	750	19.8	<0.01	8
ESA02D_74.0-76.0	0.01	0.9	700	26.4	<0.01	10
ESA02D_76.0-78.0	0.02	0.78	880	23.5	<0.01	11
ESA02D_78.0-80.0	0.02	0.47	720	7.1	<0.01	6
ESA02D_80.0-82.0	<0.01	0.45	930	8.5	<0.01	6
ESA02D_82.0-84.0	0.01	0.27	770	8.1	0.01	6
ESA02D_84.0-86.0	<0.01	0.54	680	14.2	<0.01	6

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA02D_86.0-88.0	<0.01	0.65	770	25.9	<0.01	5
ESA02D_88.0-90.0	<0.01	0.86	1170	16	<0.01	9
ESA02D_90.0-92.0	<0.01	0.42	670	25.4	<0.01	6
ESA02D_92.0-94.0	0.01	0.84	550	26.1	<0.01	4
ESA02D_94.0-96.0	<0.01	1.03	920	25.7	<0.01	6
ESA02D_96.0-98.0	0.02	0.69	1050	23.2	<0.01	5
ESA02D_98.0-100.0	0.01	1.14	860	20.6	0.01	5
ESA02D_100.0-102.0	0.02	1.02	890	20.5	0.05	12
ESA02D_102.0-104.0	0.01	0.86	750	21.8	0.01	7
ESA02D_104.0-106.0	0.01	0.48	620	25.8	<0.01	7
ESA02D_106.0-108.0	0.01	0.47	730	17.8	0.01	8
ESA02D_108.0-110.0	0.01	0.61	650	15	<0.01	6
ESA02D_110.0-112.0	0.02	0.87	640	16.6	<0.01	6
ESA02D_112.0-114.0	0.01	1.54	660	11.8	<0.01	6
ESA02D_114.0-116.0	0.01	0.71	620	14.6	<0.01	5
ESA02D_116.0-118.0	0.02	0.55	740	16.6	<0.01	5
ESA02D_118.0-120.0	0.01	0.63	780	19.6	<0.01	6
ESA02D_120.0-122.0	0.01	0.7	820	14.6	<0.01	5
ESA02D_122.0-124.0	0.02	0.32	590	14.6	<0.01	11
ESA02D_124.0-126.0	<0.01	0.27	640	12.2	<0.01	7
ESA02D_126.0-128.0	0.01	0.47	570	12	0.01	4
ESA02D_128.0-130.0	0.02	0.45	640	21.3	<0.01	5
ESA02D_130.0-132.0	0.02	0.27	850	18.4	<0.01	8
ESA02D_132.0-134.0	0.02	0.12	780	11.7	<0.01	5
ESA02D_134.0-136.0	<0.01	0.03	780	5.8	<0.01	2
ESA02D_136.0-138.0	0.01	0.02	650	4.9	<0.01	2
ESA02D_138.0-140.0	0.01	0.03	1000	4.9	<0.01	<2
ESA02D_140.0-142.0	0.01	0.02	530	4.8	<0.01	2
ESA02D_142.0-144.0	<0.01	0.05	990	5.9	<0.01	8
ESA02D_144.0-146.0	0.01	0.06	960	7.3	<0.01	11
ESA02D_146.0-148.0	0.01	0.07	1020	7.1	<0.01	26
ESA02D_148.0-150.0	<0.01	0.1	1430	8.5	<0.01	21
ESA02D_150.0-152.0	<0.01	0.14	780	4.3	<0.01	31
ESA02D_152.0-154.0	0.07	0.1	830	4.6	<0.01	35
ESA02D_154.0-156.0	0.11	0.04	910	8.1	<0.01	61
ESA02D_156.0-158.0	0.18	0.07	630	7.3	<0.01	69
ESA02D_158.0-160.0	0.04	0.07	1040	13.4	<0.01	73
ESA02D_160.0-162.0	0.16	0.08	940	8.2	<0.01	41
ESA02D_162.0-164.0	0.01	0.07	720	4.6	<0.01	40
ESA02D_164.0-166.0	0.01	0.08	670	4.1	<0.01	48
ESA02D_166.0-168.0	<0.01	0.12	430	8.4	<0.01	182
ESA02D_168.0-169.0	0.01	0.25	350	10.3	<0.01	423
ESA02D_169.0-170.0	0.01	0.13	510	15.8	<0.01	492
ESA02D_170.0-172.0	0.02	0.19	460	44.8	<0.01	315
ESA02D_172.0-174.0	0.03	0.16	340	166	<0.01	89
ESA02D_174.0-176.0	0.04	0.06	30	80.4	<0.01	6
ESA02D_176.0-178.0	0.16	0.15	20	99.8	<0.01	9
ESA02D_178.0-180.0	0.39	0.4	100	356	<0.01	33
ESA02D_180.0-182.0	0.2	0.37	80	426	<0.01	70
ESA02D_182.0-184.0	0.63	0.78	170	664	<0.01	38

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA02D_184.0-186.0	0.92	0.53	110	418	<0.01	15
ESA02D_186.0-188.0	0.95	1.1	220	838	<0.01	34
ESA02D_188.0-190.0	1.19	1.82	410	1585	0.01	50
ESA02D_190.0-192.0	2.83	1.79	260	1085	0.01	56
ESA02D_192.0-194.0	5	21.5	800	3010	0.01	134
ESA02D_194.0-195.0	7.55	82.9	970	3470	0.01	130
ESA02D_195.0-196.0	10.95	139.5	1230	6620	<0.01	70
ESA02D_196.0-197.0	7.87	82.6	1110	4800	0.01	79
ESA02D_197.0-198.0	5.81	17.6	750	2620	0.01	63
ESA02D_198.0-199.0	3.59	11.25	300	1070	0.01	37
ESA02D_199.0-200.0	4.95	38.3	430	1535	<0.01	108
ESA02D_200.0-201.0	4.13	29.8	390	1425	0.01	304
ESA02D_201.0-202.0	3.2	17.95	180	579	<0.01	263
ESA02D_202.0-203.0	4.14	26.2	490	1485	<0.01	588
ESA02D_203.0-204.0	1.11	4.86	270	813	<0.01	577
ESA02D_204.0-205.0	1.24	2.69	240	641	<0.01	608
ESA02D_205.0-206.0	1.55	4.38	110	312	<0.01	547
ESA02D_206.0-207.0	2.51	8.09	190	340	<0.01	358
ESA02D_207.0-208.0	0.87	1.98	180	236	<0.01	249
ESA02D_208.0-209.0	0.14	0.18	230	54.6	<0.01	1085
ESA02D_209.0-210.0	0.05	0.2	400	50.3	<0.01	327
ESA02D_210.0-212.0	0.03	0.03	1030	29.1	<0.01	140
ESA02D_212.0-214.0	0.02	0.05	890	18.1	<0.01	114
ESA02D_214.0-216.0	0.01	0.02	110	7.5	<0.01	52
ESA02D_216.0-218.0	0.01	0.01	150	5.7	<0.01	50
ESA02D_218.0-220.0	0.01	0.01	190	3.8	<0.01	19
ESA02D_220.0-225.0	0.01	0.01	370	3.6	<0.01	18
ESA02D_225.0-230.0	0.01	0.01	220	1.9	<0.01	12
ESA02D_230.0-235.0	0.01	0.01	220	2.3	<0.01	8
ESA02D_235.0-240.0	0.01	0.01	300	2.7	<0.01	9
ESA02D_240.0-245.0	0.01	0.01	190	1.5	<0.01	8
ESA02D_245.0-250.0	0.02	0.01	200	3.5	<0.01	21
ESA02D_250.0-255.0	0.13	0.02	330	16.6	0.01	29
ESA02D_255.0-260.0	0.02	0.03	610	3	<0.01	8
ESA02D_260.0-265.0	0.01	0.01	420	2.7	<0.01	6
ESA02D_265.0-270.0	<0.01	0.02	530	3.7	<0.01	7
ESA02D_270.0-275.0	<0.01	0.03	670	3.6	<0.01	5
ESA02D_275.0-280.0	<0.01	0.04	640	3.3	<0.01	8
ESA02D_280.0-285.0	0.06	0.07	380	7.6	<0.01	6
ESA02D_285.0-290.0	<0.01	0.06	540	3.3	<0.01	6
ESA02D_290.0-295.0	<0.01	0.04	500	3.6	<0.01	7
ESA02D_295.0-300.0	<0.01	0.07	630	5.6	<0.01	6
ESA02D_300.0-305.0	0.04	0.06	560	7.4	<0.01	10
ESA02D_305.0-310.0	0.01	0.08	630	7.4	<0.01	4
ESA02D_310.0-315.0	0.01	0.03	470	5.1	<0.01	4
ESA02D_315.0-320.0	0.01	0.05	560	4.7	<0.01	4
ESA02D_320.0-325.0	0.01	0.12	510	4.4	<0.01	7
ESA02D_325.0-330.0	0.01	0.07	390	3.7	<0.01	7
ESA02D_330.0-335.0	0.01	0.07	540	4.7	<0.01	3
ESA02D_335.0-340.0	0.01	0.03	620	2.9	<0.01	5

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA02D_340.0-342.0	0.01	0.02	130	1.5	<0.01	5
ESA02D_342.0-344.0	0.01	0.02	610	2.5	<0.01	4
ESA02D_344.0-346.0	0.02	0.05	570	4.2	<0.01	5
ESA02D_346.0-348.0	<0.01	0.03	540	2.8	<0.01	5
ESA02D_348.0-350.0	<0.01	0.03	610	2.6	<0.01	5
ESA02D_350.0-352.0	0.01	0.06	640	4.4	<0.01	5
ESA02D_352.0-353.0	0.01	0.02	470	3.7	<0.01	7
ESA02D_353.0-354.0	0.01	0.08	610	5	<0.01	4
ESA02D_354.0-355.0	0.01	0.05	630	4.6	<0.01	3
ESA02D_355.0-360.0	0.01	0.04	590	4	<0.01	6
ESA02D_360.0-365.0	0.01	0.02	440	3.3	<0.01	6
ESA02D_365.0-370.0	0.01	0.04	460	6.1	<0.01	6
ESA02D_370.0-375.0	0.02	0.07	800	8.5	<0.01	7
ESA02D_375.0-380.0	0.01	0.04	680	5.5	<0.01	4
ESA02D_380.0-385.0	0.01	0.04	970	7.8	<0.01	5
ESA02D_385.0-390.0	<0.01	0.06	920	6.7	<0.01	6
ESA02D_390.0-395.0	0.01	0.04	650	4.8	<0.01	5
ESA02D_395.0-400.0	0.01	0.04	990	6.9	<0.01	6
ESA02D_400.0-405.0	0.01	0.03	1110	7.4	<0.01	8
ESA02D_405.0-410.0	0.03	0.03	830	6.4	<0.01	8
ESA02D_410.0-415.0	0.01	0.08	910	4.6	<0.01	5
ESA02D_415.0-420.0	0.01	0.05	680	8.9	<0.01	6
ESA02D_420.0-425.0	0.01	0.04	680	6.5	<0.01	8
ESA02D_425.0-430.0	0.01	0.08	670	9	<0.01	6
ESA02D_430.0-435.0	<0.01	0.04	610	7.2	<0.01	6
ESA02D_435.0-440.0	<0.01	0.04	760	7.3	<0.01	5
ESA02D_440.0-445.0	<0.01	0.04	420	7.4	<0.01	9
ESA02D_445.0-450.0	<0.01	0.05	430	7.2	<0.01	7
ESA02D_450.0-455.0	<0.01	0.03	700	5.5	<0.01	8
ESA02D_455.0-460.0	<0.01	0.05	710	5.1	<0.01	6
ESA02D_460.0-465.0	<0.01	0.1	640	4.4	<0.01	6
ESA02D_465.0-470.0	<0.01	0.04	620	5.3	<0.01	6
ESA02D_470.0-475.0	<0.01	0.09	590	4.9	<0.01	5
ESA02D_475.0-480.0	<0.01	0.03	770	5.6	<0.01	9
ESA02D_480.0-485.0	<0.01	0.04	560	4.7	<0.01	6
ESA02D_485.0-490.0	<0.01	0.04	590	4.7	<0.01	8
ESA02D_490.0-495.0	0.01	0.04	490	3.9	<0.01	5
ESA02D_495.0-500.0	<0.01	0.03	750	5.2	<0.01	8
ESA02D_500.0-505.0	0.02	0.03	150	3.8	<0.01	9
ESA02D_505.0-510.0	0.01	0.02	150	8.5	<0.01	14
ESA02D_510.0-515.0	0.01	0.01	180	6.4	<0.01	8
ESA02D_515.0-520.0	0.01	0.01	160	5.7	<0.01	9
ESA02D_520.0-524.0	<0.01	0.01	300	7.8	<0.01	16
ESA02D_524.0-525.0	<0.01	0.01	330	5.5	<0.01	11
ESA02D_525.0-526.0	0.01	0.01	200	1.8	<0.01	<2

Hole ESA03D

Hole ID	Easting	Northing	Azimuth	Dip	Depth (m)	Locality
ESA03D	372450.62	7473551.586	296.4	-65	349.1	Mt Byrne

SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA03D_0.0-5.0	0.09	0.41	730	69.1	<0.01	140
ESA03D_5.0-10.0	0.04	0.44	820	69.2	<0.01	130
ESA03D_10.0-15.0	0.04	0.12	790	127	<0.01	146
ESA03D_15.0-20.0	0.11	0.18	500	131.5	<0.01	200
ESA03D_20.0-25.0	0.06	0.18	660	63.4	<0.01	147
ESA03D_25.0-30.0	0.04	1.05	720	33.9	<0.01	194
ESA03D_30.0-32.0	0.04	0.39	770	40.9	<0.01	83
ESA03D_32.0-34.0	0.01	0.38	430	19.1	<0.01	39
ESA03D_34.0-36.0	0.01	1.07	770	5.1	<0.01	63
ESA03D_36.0-38.0	0.02	1.03	830	13.9	<0.01	69
ESA03D_38.0-40.0	0.06	1.42	350	13.6	<0.01	65
ESA03D_40.0-42.0	0.04	0.67	430	18.4	<0.01	26
ESA03D_42.0-47.0	0.03	1	740	36.2	<0.01	22
ESA03D_47.0-52.0	0.03	0.51	530	28.5	<0.01	22
ESA03D_52.0-57.0	0.06	1.3	330	42	<0.01	19
ESA03D_57.0-62.0	0.03	0.35	480	34.1	<0.01	23
ESA03D_62.0-64.0	<0.01	0.23	250	20.2	<0.01	33
ESA03D_64.0-66.0	0.35	1.96	550	14.7	0.02	116
ESA03D_66.0-68.0	0.11	2.43	800	14.2	0.01	185
ESA03D_68.0-73.0	0.06	0.51	440	44.3	<0.01	64
ESA03D_73.0-78.0	0.04	0.61	450	34.1	<0.01	19
ESA03D_78.0-83.0	0.02	0.92	660	25	<0.01	16
ESA03D_83.0-85.0	0.03	0.4	350	35.4	0.01	14
ESA03D_85.0-87.0	0.04	0.56	310	34	0.01	15
ESA03D_87.0-92.0	0.03	1.58	340	47.9	<0.01	21
ESA03D_92.0-97.0	0.04	0.6	350	37.9	0.01	20
ESA03D_97.0-102.0	0.15	1.12	330	41.9	0.01	45
ESA03D_102.0-107.0	0.05	1.49	420	29.2	0.04	27
ESA03D_107.0-112.0	<0.01	0.55	410	19.4	0.01	22
ESA03D_112.0-117.0	<0.01	0.38	410	15.2	<0.01	24
ESA03D_117.0-122.0	0.03	0.52	390	16.2	<0.01	28
ESA03D_122.0-127.0	0.02	0.4	620	31.2	0.01	26
ESA03D_127.0-132.0	0.01	0.45	690	31.8	<0.01	22
ESA03D_132.0-137.0	<0.01	0.49	490	31.3	0.01	27
ESA03D_137.0-142.0	0.01	0.48	490	23.4	0.01	18
ESA03D_142.0-147.0	0.04	1.21	350	32.3	0.01	39
ESA03D_147.0-152.0	0.08	1.13	550	51.7	0.01	18
ESA03D_152.0-157.0	0.07	1.01	550	41.4	0.01	18
ESA03D_157.0-162.0	0.02	0.31	580	32	<0.01	19
ESA03D_162.0-164.0	0.08	0.23	430	49.8	0.01	18
ESA03D_164.0-166.0	0.06	0.22	540	60.9	0.03	21
ESA03D_166.0-168.0	0.04	0.21	790	63.7	0.01	52
ESA03D_168.0-170.0	0.06	0.45	670	82.5	0.02	70
ESA03D_170.0-172.0	<0.01	0.24	620	37	<0.01	29

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA03D_172.0-174.0	0.02	0.46	850	35.3	0.01	18
ESA03D_174.0-176.0	0.07	1.89	640	33.6	0.03	25
ESA03D_176.0-178.0	0.11	0.54	620	180	0.07	202
ESA03D_178.0-183.0	0.06	2.44	380	182	0.03	107
ESA03D_183.0-188.0	0.03	0.47	890	33.2	0.02	38
ESA03D_188.0-193.0	0.01	0.18	720	23.9	0.01	9
ESA03D_193.0-198.0	0.04	0.93	760	33.1	0.01	12
ESA03D_198.0-203.0	0.02	0.51	720	35.9	0.01	30
ESA03D_203.0-208.0	0.02	0.36	720	20	0.02	22
ESA03D_208.0-213.0	<0.01	0.34	680	15.9	0.01	9
ESA03D_213.0-218.0	<0.01	0.63	730	26.3	0.01	8
ESA03D_218.0-223.0	0.01	0.65	740	17.6	0.01	7
ESA03D_223.0-228.0	0.02	3.11	820	28.5	0.03	16
ESA03D_228.0-233.0	0.01	1.66	880	17.8	0.04	13
ESA03D_233.0-238.0	0.01	0.16	860	8.1	0.02	6
ESA03D_238.0-243.0	<0.01	0.09	800	6.8	0.01	2
ESA03D_243.0-248.0	<0.01	0.08	1040	7.7	0.01	3
ESA03D_248.0-253.0	<0.01	0.07	1070	4.4	0.02	13
ESA03D_253.0-255.0	<0.01	0.04	1550	6.2	0.02	4
ESA03D_255.0-256.0	<0.01	0.06	1290	7.4	0.04	2
ESA03D_256.0-257.0	<0.01	0.02	900	6	0.01	<2
ESA03D_257.0-258.0	<0.01	0.02	690	4.2	0.01	<2
ESA03D_258.0-259.0	0.05	0.02	690	5.9	0.01	<2
ESA03D_259.0-260.0	0.04	0.04	620	5.2	<0.01	<2
ESA03D_260.0-265.0	0.03	0.03	590	7.3	0.01	2
ESA03D_265.0-270.0	<0.01	0.05	720	7.1	0.02	2
ESA03D_270.0-272.0	<0.01	0.02	730	6.1	0.01	<2
ESA03D_272.0-274.0	<0.01	0.02	780	5.6	0.02	<2
ESA03D_274.0-276.0	0.01	0.08	1170	4.9	0.03	<2
ESA03D_276.0-278.0	<0.01	0.03	1000	6.3	0.02	<2
ESA03D_278.0-280.0	<0.01	0.02	840	5.1	0.02	<2
ESA03D_280.0-282.0	<0.01	0.04	1240	3.9	0.03	3
ESA03D_282.0-284.0	<0.01	0.05	810	4.9	0.04	<2
ESA03D_284.0-285.0	0.01	0.01	630	2.9	0.02	<2
ESA03D_285.0-286.0	<0.01	0.02	490	2.6	0.02	2
ESA03D_286.0-287.0	0.01	0.07	230	1.8	0.02	4
ESA03D_287.0-288.0	0.01	0.02	260	1.6	0.03	2
ESA03D_288.0-289.0	0.01	0.02	460	3.1	0.02	<2
ESA03D_289.0-290.0	0.01	0.01	480	2.3	0.02	<2
ESA03D_290.0-291.0	<0.01	0.02	260	1.5	0.02	<2
ESA03D_291.0-292.0	0.02	0.02	190	1.3	0.01	<2
ESA03D_292.0-293.0	0.01	0.04	210	2.1	0.01	<2
ESA03D_293.0-294.0	0.05	0.03	970	2.5	0.02	2
ESA03D_294.0-295.0	0.02	0.02	360	1.6	0.01	<2
ESA03D_295.0-296.0	0.01	0.02	150	1.2	0.02	<2
ESA03D_296.0-297.0	0.01	0.02	130	1.3	0.01	<2
ESA03D_297.0-298.0	0.01	0.02	150	1.3	0.01	<2
ESA03D_298.0-299.0	0.01	0.02	440	1.6	0.03	3
ESA03D_299.0-300.0	0.01	0.01	160	1.1	0.01	2
ESA03D_300.0-302.0	0.02	0.02	140	2.7	0.02	12

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA03D_302.0-304.0	0.01	0.03	110	1.5	0.02	11
ESA03D_304.0-305.0	0.01	0.74	210	3.1	0.03	54
ESA03D_305.0-306.0	0.03	0.36	320	18.9	0.02	82
ESA03D_306.0-308.0	0.05	0.03	240	11.4	<0.01	135
ESA03D_308.0-310.0	0.13	0.55	200	25.9	<0.01	159
ESA03D_310.0-312.0	0.04	1.11	270	29.4	<0.01	314
ESA03D_312.0-314.0	0.04	0.03	200	19.8	<0.01	434
ESA03D_314.0-316.0	0.15	0.3	300	54.7	0.01	652
ESA03D_316.0-318.0	0.21	0.32	270	47.4	<0.01	421
ESA03D_318.0-320.0	0.08	0.12	60	40.5	<0.01	125
ESA03D_320.0-321.0	0.04	0.14	100	123	<0.01	172
ESA03D_321.0-322.0	0.21	0.33	130	386	<0.01	142
ESA03D_322.0-324.0	0.72	1.56	140	405	<0.01	129
ESA03D_324.0-326.0	0.67	1.24	20	84.7	<0.01	24
ESA03D_326.0-327.0	0.25	0.55	50	140	<0.01	23
ESA03D_327.0-328.0	0.11	0.29	30	80.7	<0.01	15
ESA03D_328.0-329.0	0.06	0.44	40	102	<0.01	74
ESA03D_329.0-330.0	0.03	0.25	20	32.5	<0.01	98
ESA03D_330.0-331.0	0.05	0.41	40	55.2	<0.01	115
ESA03D_331.0-332.0	0.02	0.06	10	8.1	<0.01	35
ESA03D_332.0-333.0	0.04	0.13	20	18.8	<0.01	138
ESA03D_333.0-334.0	0.03	0.19	40	16.7	0.01	78
ESA03D_334.0-336.0	0.06	0.87	40	17	0.01	52
ESA03D_336.0-338.0	0.25	8.54	60	35	0.01	41
ESA03D_338.0-340.0	0.07	0.55	50	11.2	<0.01	20
ESA03D_340.0-341.0	0.52	3.06	110	28.7	0.01	285
ESA03D_341.0-342.0	0.14	2.38	90	25.9	<0.01	45
ESA03D_342.0-343.0	0.16	2.57	60	24.5	<0.01	29
ESA03D_343.0-344.0	1.42	16.15	150	185	0.02	140
ESA03D_344.0-345.0	1.26	3.54	160	114.5	0.01	332
ESA03D_345.0-346.0	0.43	1.06	60	160	<0.01	18
ESA03D_346.0-347.0	0.36	0.93	40	121.5	<0.01	9
ESA03D_347.0-348.0	0.38	0.78	40	124	<0.01	20
ESA03D_348.0-349.1	0.51	0.94	30	86.3	0.01	25

ESA12D

Hole ID	Easting	Northing	Azimuth	Dip	Depth (m)	Locality
ESA12D	372568.799	7473652.111	274.4	-60	521	Mt Byrne

SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA012D_0.0-5.0	0.95	0.85	580	48.4	<0.01	43
ESA012D_5.0-10.0	0.04	0.22	580	41.7	<0.01	36
ESA012D_10.0-15.0	0.05	0.42	430	38.8	<0.01	37
ESA012D_15.0-20.0	0.05	0.85	650	33.8	<0.01	23
ESA012D_20.0-25.0	0.08	0.73	730	35.2	<0.01	22
ESA012D_25.0-30.0	0.06	0.43	800	36.5	<0.01	21
ESA012D_30.0-35.0	0.05	0.29	580	31.6	<0.01	14

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA012D_35.0-40.0	0.11	1.28	720	44.5	<0.01	26
ESA012D_40.0-45.0	0.04	0.34	840	38.8	<0.01	24
ESA012D_45.0-50.0	0.04	1.2	800	37.1	<0.01	29
ESA012D_50.0-55.0	0.04	0.36	750	37.5	<0.01	26
ESA012D_55.0-60.0	0.01	0.14	750	33	<0.01	14
ESA012D_60.0-65.0	0.02	0.3	820	39.1	<0.01	22
ESA012D_65.0-70.0	<0.01	0.12	820	31.4	<0.01	12
ESA012D_70.0-75.0	<0.01	0.16	770	24.7	<0.01	11
ESA012D_75.0-80.0	0.01	0.21	870	15.4	<0.01	11
ESA012D_80.0-85.0	<0.01	0.99	780	30.2	<0.01	11
ESA012D_85.0-90.0	0.02	1.4	790	31.2	<0.01	11
ESA012D_90.0-95.0	0.01	0.19	720	24.6	0.01	11
ESA012D_95.0-100.0	0.05	0.24	520	27.3	0.02	174
ESA012D_100.0-105.0	0.05	0.27	870	40	0.02	33
ESA012D_105.0-110.0	0.45	1.06	790	95.1	0.02	32
ESA012D_110.0-115.0	0.1	0.65	730	53	0.01	26
ESA012D_115.0-120.0	0.02	0.48	710	28.8	0.01	11
ESA012D_120.0-125.0	0.02	0.24	730	21.6	<0.01	9
ESA012D_125.0-130.0	0.02	0.21	900	26.1	<0.01	11
ESA012D_130.0-135.0	0.01	0.23	720	23.6	0.01	10
ESA012D_135.0-140.0	0.01	0.2	900	28.8	0.01	13
ESA012D_140.0-145.0	0.01	0.18	940	27.5	0.01	7
ESA012D_145.0-150.0	<0.01	0.22	730	32.7	0.01	10
ESA012D_150.0-155.0	0.02	0.33	810	35.9	<0.01	13
ESA012D_155.0-160.0	0.02	0.57	930	43.2	0.01	17
ESA012D_160.0-165.0	<0.01	0.28	990	37.4	<0.01	12
ESA012D_165.0-170.0	<0.01	0.16	800	42.8	0.01	14
ESA012D_170.0-175.0	<0.01	0.09	840	29.9	<0.01	11
ESA012D_175.0-180.0	<0.01	0.09	720	45.6	<0.01	17
ESA012D_180.0-185.0	0.04	0.3	750	63.9	0.01	20
ESA012D_185.0-190.0	0.01	0.13	1250	31.5	0.01	17
ESA012D_190.0-195.0	<0.01	0.13	810	26.6	<0.01	12
ESA012D_195.0-200.0	0.08	0.86	510	20.3	0.01	12
ESA012D_200.0-205.0	0.07	0.61	630	31.2	0.02	42
ESA012D_205.0-210.0	0.53	11.85	1550	95.1	0.05	50
ESA012D_210.0-215.0	0.1	16.7	1220	9.4	0.23	111
ESA012D_215.0-220.0	0.04	0.68	910	9.5	0.32	68
ESA012D_220.0-225.0	0.11	3.49	640	25.4	0.01	21
ESA012D_225.0-230.0	0.03	0.99	420	10.2	0.01	34
ESA012D_230.0-235.0	0.03	0.82	540	20.2	0.01	12
ESA012D_235.0-240.0	0.03	1.63	520	16.6	0.01	20
ESA012D_240.0-245.0	0.05	1.15	450	22	0.01	12
ESA012D_245.0-250.0	0.07	1.32	610	26.4	<0.01	17
ESA012D_250.0-255.0	0.04	0.65	500	27.1	0.01	20
ESA012D_255.0-260.0	0.01	0.24	820	23.8	<0.01	12
ESA012D_260.0-265.0	<0.01	0.08	780	23	<0.01	13
ESA012D_265.0-270.0	0.03	0.17	690	34.5	0.01	23
ESA012D_270.0-275.0	0.02	0.05	750	28.4	0.02	13
ESA012D_275.0-280.0	0.02	0.42	620	27.9	0.03	13
ESA012D_280.0-285.0	0.02	0.41	790	32.9	0.01	17

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA012D_285.0-290.0	0.02	0.39	720	28	0.01	17
ESA012D_290.0-295.0	0.02	0.51	770	11	0.01	14
ESA012D_295.0-300.0	0.03	0.42	520	15.5	0.01	17
ESA012D_300.0-305.0	0.03	1.76	500	17.6	0.02	21
ESA012D_305.0-310.0	0.03	0.17	750	19.8	<0.01	22
ESA012D_310.0-315.0	0.13	0.28	760	16.8	0.01	33
ESA012D_315.0-320.0	<0.01	0.31	1060	29.1	0.01	13
ESA012D_320.0-325.0	0.02	0.34	750	24.5	0.01	30
ESA012D_325.0-330.0	0.02	0.35	790	35.3	0.01	78
ESA012D_330.0-335.0	0.1	0.43	800	59	0.01	24
ESA012D_335.0-340.0	0.03	0.16	670	19.1	0.01	6
ESA012D_340.0-345.0	0.05	0.49	890	20.3	0.04	7
ESA012D_345.0-350.0	0.01	0.41	1110	17.6	0.03	18
ESA012D_350.0-355.0	0.03	0.31	1140	11.7	0.02	26
ESA012D_355.0-360.0	0.03	0.4	930	31.7	0.03	6
ESA012D_360.0-365.0	0.03	0.12	760	15.2	0.02	5
ESA012D_365.0-370.0	<0.01	0.23	920	9.1	0.01	<2
ESA012D_370.0-375.0	0.04	0.26	1010	10.1	0.02	15
ESA012D_375.0-380.0	0.01	0.62	970	7.7	0.02	7
ESA012D_380.0-385.0	0.01	0.31	1180	8.1	0.02	3
ESA012D_385.0-390.0	<0.01	0.19	1170	7.1	0.02	2
ESA012D_390.0-395.0	0.01	0.16	1090	7.8	0.03	2
ESA012D_395.0-400.0	0.02	0.17	620	10.7	0.04	11
ESA012D_400.0-405.0	0.03	0.08	830	7.2	0.03	5
ESA012D_405.0-410.0	0.03	0.59	830	5.9	0.01	3
ESA012D_410.0-415.0	0.07	0.08	1090	5	0.03	3
ESA012D_415.0-420.0	<0.01	0.12	1110	6.4	0.02	2
ESA012D_420.0-422.0	0.08	0.09	1130	4.9	0.02	5
ESA012D_422.0-424.0	0.02	0.1	800	4.6	0.02	2
ESA012D_424.0-426.0	0.12	0.06	810	4.4	0.02	8
ESA012D_426.0-428.0	<0.01	0.05	750	6.8	0.02	<2
ESA012D_428.0-430.0	0.01	0.14	770	5	0.16	4
ESA012D_430.0-435.0	<0.01	0.13	1060	8.9	0.12	10
ESA012D_435.0-440.0	0.02	0.34	790	6.6	0.03	12
ESA012D_440.0-445.0	<0.01	0.09	590	4	0.02	7
ESA012D_445.0-450.0	0.01	0.06	400	5.1	<0.01	2
ESA012D_450.0-452.0	0.01	0.07	520	4.4	0.05	6
ESA012D_452.0-454.0	0.02	0.22	600	4.2	0.05	8
ESA012D_454.0-456.0	0.01	0.05	610	6.3	0.05	13
ESA012D_456.0-458.0	0.01	0.03	360	14.5	0.01	8
ESA012D_458.0-460.0	0.03	0.03	400	3.2	0.01	10
ESA012D_460.0-462.0	0.03	0.06	350	3.9	0.06	12
ESA012D_462.0-464.0	0.01	0.07	270	4	0.02	4
ESA012D_464.0-466.0	0.02	0.04	340	6.8	0.01	11
ESA012D_466.0-468.0	0.01	0.02	350	4.4	<0.01	4
ESA012D_468.0-470.0	0.02	0.03	520	6.9	0.03	13
ESA012D_470.0-471.0	0.02	0.02	770	10.4	0.01	30
ESA012D_471.0-472.0	0.03	0.02	390	13.7	0.02	46
ESA012D_472.0-473.0	0.02	0.02	120	5.9	<0.01	18
ESA012D_473.0-474.0	0.04	0.21	120	11	0.03	29

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SAMPLE	Ag (ppm)	Bi (ppm)	P (ppm)	Pb (ppm)	S (%)	Zn (ppm)
ESA012D_474.0-476.0	0.03	0.3	210	11.8	0.08	49
ESA012D_476.0-478.0	0.03	0.04	210	8.9	0.03	49
ESA012D_478.0-480.0	0.02	0.07	240	6.9	0.03	25
ESA012D_480.0-482.0	0.02	0.07	1010	5.6	0.05	26
ESA012D_482.0-484.0	0.02	0.03	700	13.4	0.04	46
ESA012D_484.0-486.0	0.05	0.07	550	25.6	0.01	161
ESA012D_486.0-488.0	0.3	0.43	290	40.3	<0.01	298
ESA012D_488.0-490.0	0.11	0.25	640	33.4	0.01	434
ESA012D_490.0-492.0	0.07	0.23	470	29.7	0.08	254
ESA012D_492.0-494.0	0.04	0.29	290	28.9	0.04	201
ESA012D_494.0-496.0	0.09	0.21	160	32.1	0.01	125
ESA012D_496.0-498.0	0.06	0.16	50	18	<0.01	29
ESA012D_498.0-500.0	0.36	0.73	30	42.4	<0.01	28
ESA012D_500.0-502.0	0.31	0.99	70	66.8	<0.01	40
ESA012D_502.0-504.0	0.08	0.11	430	46.3	<0.01	227
ESA012D_504.0-506.0	0.21	0.17	540	49.7	0.01	220
ESA012D_506.0-508.0	0.09	0.12	620	57	<0.01	321
ESA012D_508.0-510.0	0.26	0.2	510	39.1	<0.01	294
ESA012D_510.0-512.0	0.07	0.41	500	53.7	<0.01	367
ESA012D_512.0-514.0	0.04	0.31	470	47.3	<0.01	404
ESA012D_514.0-516.0	0.2	0.47	50	25.8	0.01	85
ESA012D_516.0-518.0	0.06	0.41	60	21.3	<0.01	64
ESA012D_518.0-520.0	0.08	0.27	20	22.7	0.01	16
ESA012D_520.0-521.0	0.1	0.51	30	27.6	0.01	25

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Competent Person's Statement

Tivan's exploration activities in the Northern Territory are being overseen by Mr Stephen Walsh (BSc). The information that relates to exploration results in this announcement is based on and fairly represents information and supporting documentation prepared and compiled by Mr Walsh, a Competent Person, who is the Chief Geologist and an employee of Tivan, and a member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Walsh has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results. Mr Walsh consents to the inclusion in this announcement of the matters based on information compiled by him in the form and context which it appears.

Sandover AI Project

The information in this announcement that relates to exploration results for the Sandover AI Project (Aileron) has been extracted from the Company's previous ASX announcements entitled "High-Grade Lead Identified at Tivan's Sandover Project" dated 4 March 2024, "High Grade Silver Discovered at Tivan's Sandover Project" dated 16 April 2024,"Lead-Silver Mineralisation Extended at Sandover Project" dated 23 April 2024 and "Tivan and EARTH AI ready drill program at Sandover" dated 5 July 2024. Copies of these announcements are available at www.asx.com.au or www.tivan.com.au/investors/asx-announcements/. The Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements. Tivan confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from those announcements.

Forward looking statement

This announcement contains certain "forward-looking statements" and comments about future matters. Forward-looking statements can generally be identified by the use of forward-looking words such as, "expect", "anticipate", "likely", "intend", "should", "estimate", "target", "outlook", and other similar expressions and include, but are not limited to, the timing, outcome and effects of the future studies, project development and other work. Indications of, and guidance or outlook on, future earnings, financial position, performance of the Company or global markets for relevant commodities are also forward-looking statements. You are cautioned not to place undue reliance on forward-looking statements. Any such statements, opinions and estimates in this announcement speak only as of the date hereof, are preliminary views and are based on assumptions and contingencies subject to change without notice. Forward-looking statements are provided as a general guide only. There can be no assurance that actual outcomes will not differ materially from these forward-looking statements. Any such forward looking statement also inherently involves known and unknown risks, uncertainties and other factors and may involve significant elements of subjective judgement and assumptions that may cause actual results, performance and achievements to differ. Except as required by law the Company undertakes no obligation to finalise, check, supplement, revise or update forward-looking statements in the future, regardless of whether new information, future events or results or other factors affect the information contained in this announcement.

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JORC Code, 2012 Edition: Table 1 Report

SECTION 1 SAMPLING TECHNIQUES AND DATA		
Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Diamond core was drilled and sent to Australian Laboratory Services (ALS) in Adelade to be cut in half and sampled. Sample intervals varied between 1, 2, 5 m based on changing in geology or alteration as determined by Earth AI's supervising geologist. • Sampling procedures ensured QAQC protocols and aligned with industry best practices. • Samples were placed in calico bags and labelled. • Samples were crushed and pulverized using standard practices. • Blanks and standards were inserted every 50 m. • Samples sent to ALS Geochemistry Perth for laboratory analysis.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• Diamond drilling was used to retrieve core. • HQ sized core was used for the upper portion of the hole and transitioned to NQ as determined by the diamond drillers. • Drill holes were surveyed using a OMNIx42.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Diamond drillers measure recovery every run using 3 m core barrels. • Core recovered is physically measured using a tape measurer and compared to rod string lengths. • Diamond core recovery and quality is adequate for this drilling method.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• All drill core was logged by Earth AI geologists. • Logging recorded lithologies, major minerology, alteration minerals, alteration type, veining, mineralization, and oxidization.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximize representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Samples were delivered to ALS Geochemistry Adelaide. Sample preparation comprised of an industry standard of half cutting, drying, jaw crushing and pulverising to -75 microns (85% passing) (ALS code PUL-21 and PUL-22). Pulverisers are washed with QAQC tests undertaken (PUL-QC). Samples are dried, crushed and pulverised to produce a homogenous representative sub-sample for analysis. • Laboratory QC procedures for drill core sample assays involve the use of

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		internal certified reference material as assay standards, along with blanks and duplicates. • Additional blanks and standards were inserted at 50 m intervals. • Representative sampling/measurements are not appropriate for this stage of explorations. • The size of the drill core samples is appropriate for this stage of exploration.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• All samples were sent to ALS Geochemistry Perth for analysis. • A 48 element suite was analysed using 4-acid digest and a ICP finish (ALS code: ME-MS61r). • Additionally, samples were analysed for precious elements (ALS code: PGM-ICP23). • Standards and blanks were used as standard practices by ALS Global following standard QAQC protocols. Additional blanks and standards were inserted at 50m intervals.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Not applicable for this stage of exploration.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Handheld GPS system was used to record collar location. • Downhole survey was taken using a OMNIx42 multi-shot survey instrument in standard configuration. Surveys were taken every 5m. • Grid system is WGS 84.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• No mineral resource or reserve is being calculated. • No sample composting has been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Not applicable at this stage of exploration.
Sample security	• *The measures taken to ensure sample security.*	• Samples are sent via courier to ALS Geochemistry laboratory in Adelade. All sample submissions are documented via the ALS tracking system with results reported via email.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Sampling and data methodologies and practices are regularly reviewed

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		internally. To date, no external audits have been completed on this project.
SECTION 2 REPORTING OF EXPLORATION RESULTS		
Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The prospective areas lie within the exploration license EL33099, part of the Sandover AI Project. This license is held by Tivan Limited. Tivan and EARTH AI are in a success-based exploration alliance, where EARTH AI can earn royalties in the event of drilling and meeting a qualified drilling intersection. There are no royalties or encumbrances over the tenement areas at present. • The land is primarily pastoral leases land. There is no native title within the license area.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	Historical exploration included: • The previous exploration undertaken across the whole project area is outside the scope of this announcement; therefore, the previous work relating to the findings are presented here. • CRA Exploration Pty Ltd – Exploration efforts were focused by CRA in 1971 on the Mt. Byrne area in efforts to identify kimberlite deposits. Soil and rock surface samples were taken and followed by a drilling campaign. Results showed only siliceous rock and no kimberlites were identified.
Geology	• *Deposit type, geological setting, and style of mineralisation.*	• The project is located in the Arunta Pegmatite Province, in southern-central Northern Territory, Australia. The Arunta Pegmatite province is situated within the Archean to Paleoproterozoic-aged Arunta Block of the North Australian Craton. During this time the Arunta Block experienced multiple episodes of orogenic deformation and the formation of granitic intrusions. In the Mesoproterozoic the Arunta Block was intruded by a pegmatite swarm which emplaced into the granitic and metamorphic hosts. This was followed by further deformation and metamorphism during the Neoproterozoic to Palaeozoic periods which formed a series of schists, gneisses, and migmatites. An extensional tectonic regime in the Mesozoic caused basins to form, resulting in the deposition of sedimentary units. The Arunta Block was uplifted and exhumed in the Cenozoic resulting in the formation of numerous REE rich alluvial deposits.

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		• Not enough is known about the newly discovered prospects to accurately determine the style of mineralisation, however elemental enrichments of Pb and P suggests secondary supergene enrichment of a shallow subsurface deposit.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• See Appendix A
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Not applicable. No aggregation.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Not applicable, no significant intercepts reported in this release.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Refer to Figures in the body of the text.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• See the body of the report.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All material or meaningful data collected has been included in this report. Geological results are further discussed in the text of the report.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• See body of report. • See figures in body of report.

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

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