ASX Announcement

25 October 2022

14% REE ON GASCOYNE PROVINCE ACQUISITION

LOCKIER RANGE PROJECT

HIGHLIGHTS:

- **Proposed acquisition of the 125 km^2 Lockier Range REE (rare earth element)/Lithium Project in the Gascoyne, Western Australia**
- **Mt Yaragner REE Project:**
  - **Very high tenor REE in stream sediments and soils**
  - **Large scale Th anomalies comparable with the nearby Yangibana (Hastings Technology (HAS)) and Mick Well (Kingfisher Mining (KFM)) Rare Earth Projects**
  - **Historical REE grades[1] up to:**
    - **14% total rare earth elements (TREE) in stream sediment sample**
    - **3.36% Nd+Pr in stream sediment samples**
    - **3.8% TREE in soil samples**
- **Nardoo Hill West REE Project:**
  - **3 other REE target areas historically identified[2]**
  - **Up to 1,499 ppm (0.149% total rare earth oxide (TREO)) in stream sediments**
  - **Up to 267ppm Nd_2O_3 in stream sediments**
- **Lithium Spodumene potential:**
  - **Close proximity to the Yinnetharra Pegmatite Field & fertile Thirty Three Supersuite granitoids**
  - **High LCT Index in stream sediments**
- **Never been drilled**

Odessa Minerals Limited (ASX:ODE) ("Odessa" or the "Company") is pleased to announce it has signed a binding share purchase agreement with OD4 Noonie Pty Ltd ("**OD4 Noonie**") and certain key shareholders of OD4 that are designated as a major shareholder (together, the "**Major Shareholders**" and each a "**Major Shareholder**") to acquire 100% of the issued capital of OD4 , which holds the 125 km^2 ELA09/2649 (the "Lockier Range Project"). When combined with the Company's Lyndon Project some ~95 km to the northwest, this acquisition will increase Odessa's tenement holding in the highly prospective Gascoyne region of Western Australia to 879 km^2 (Figure 1). The area holds considerable potential for the discovery of lithium pegmatites and rare earth elements bearing carbonatite deposits.

The Lockier Range Project sits 65km south-west of Hastings Technologies Metals Ltd's (ASX:HAS) Yangibana REE project, 55km south-west of Dreadnought Resources Ltd (ASX:DRE) Yin REE project and 35km north of Kingfisher Mining Ltd's (ASX:KFM) Mick Well REE project.

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[1] IGO Newsearch WAMEX Report A99601 (2013)

[2] Venus Metals Corporation Limited (ASX:VMC) ASX announcement dated 28 January 2021 – "NARDOO HILL WEST RARE EARTH-Ta-Nb PROJECT NEW HIGHLY ANOMALOUS REE DOMAINS IDENTIFIED WEST OF EMETALS CAIRN HILL REE ANOMALY"

David Lenigas, Odessa's Executive Director, commented: ***"This is a truly exceptional and exciting deal for Odessa and this acquisition combines well into our Lyndon REE/Lithium Project to the north. The historic TREO grades recorded by previous explorers are incredible. The fact that there has been no recorded drilling undertaken on this tenement, heightens the Company's enthusiasm to get on the ground soonest to commence exploration. There are two project areas of size on Lockier; the 15 km^2 Mt Yaranger REE Project and the Nardoo Hill West REE targets, all of which will be prioritised for exploration."***

About Lockier Range Project:

ELA 09/2649 (the "**Lockier Range Project**") is located approximately 80km north-east of Gascoyne Junction in Western Australia, and ~95 km south-east of Odessa's Lyndon REE/Lithium Project. The Lockier tenement comprises 40 blocks representing about 125km^2.

From Geological Survey of Western Australia (GSWA) maps, the project is dominantly Durlacher Supersuite–fractionated granites and gabbros, with inliers of Moogie metamorphics. The Durlacher Supersuite is important as it hosts the Yangibana and Yin rare earth element (REE) deposits/discoveries. The south-eastern part of the project includes an intrusion of Thirty Three Supersuite leucogranite, which is the presumed source of the lithium bearing pegmatites in the nearby Yinnetharra Pegmatite Field.

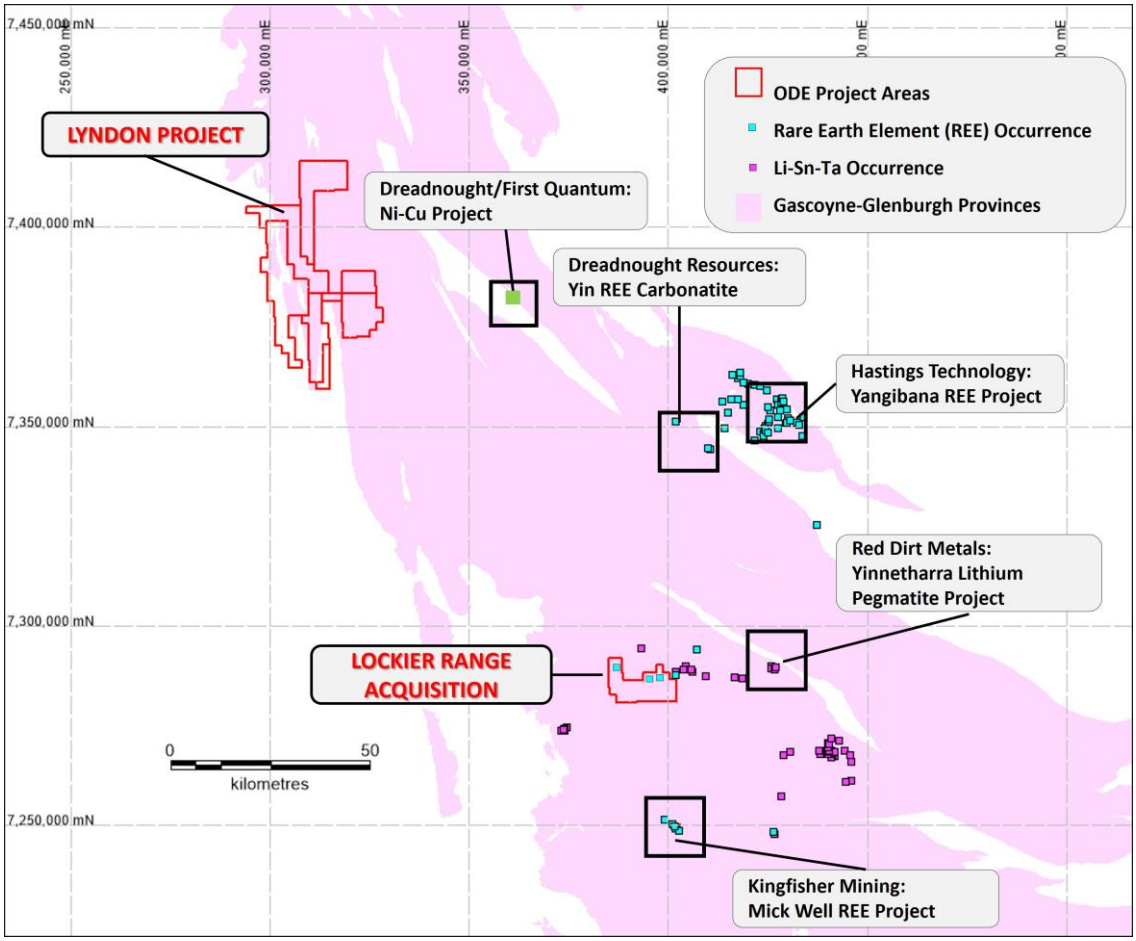

Figure 1: Odessa's Lyndon and Lockier Range Project areas in the Gascoyne (MGA94 Z5). Mineral occurrence sources from GSWA Minedex database with 3 additional occurrences from Lockier Range.

Mt Yaragner REE Project:

In the western part of the Lockier tenement (then E09/2362) (the "**Mt Yaragner REE Project**"), Venus Metals Corporation Limited (ASX:VMC) reported[3] stream sediment results (of the less than 177µm fraction) and outline rare earth element (REE) anomalies (Figure 2) with maxima of 14% total REE in stream sediments, and 3.8% TREO in soil samples. VMC's compilation was based on work originally reported by Independence Group NL (now IGO Ltd) in 2013.[4]

In their Western Australian mineral exploration (WAMEX) Report filed with the WA government, (Period 26 June 2012 to 25 June 2013) IGO stated:

> "The Mt Yaragner REE carbonatite target and subsequent exploration licence (E09/1849) was defined by re-assaying of archive geochemical samples as part of the "De Beers Database" project generation program. In March 2010 archive stream sediment sampling highlighted strong rare earth element (REE) anomalism which defined an area of interest (15km by 15km) in the northwest portion of the tenement."…
>
> "IGO initiated a stream sediment geochemistry program to confirm the original De Beers archive samples. A total of 75 stream sediment samples were collected along with 16 rock chip samples. The assaying methodology was [originally] using Aqua Regia digest with 61 element suite. Results were very encouraging with 41 stream sediment sites reporting over 1000ppm TREE and 4 stream sediment sites reporting over 0.5% TREE."

In the data filed with the WAMEX report, IGO reported re-assays of multiple samples with sodium peroxide fusion method to extract total REE content (Genalysis laboratory method FP6MS). A total of 35 of the original stream sediment samples highlights a multi catchment anomaly over an area approximately 3.5km by 3.5km coincident with a thorium radiometric anomaly (refer below). The peak value in stream sediments samples is **14% TREE, 3.36% Nd+Pr and 2534ppm Tb+Dy**. A total of 20 samples from the same program were subjected to heavy media separation and magnetic scalping, with the non-magnetic portion returning high-grade assays. All 20 samples indicate a similar set of results from the same area at Mt Yaragner; with all samples reporting greater than 2% TREE, with maximum results of **12% TREE, 2.75% Nd+Pr and 2322ppm Tb+Dy**.

As part of this exploration program, IGO collected 91 sieved soil samples with 43 samples reported with sodium peroxide fusion. Of these 43 samples, 17 samples (over an area approximately 1km by 300m) had a very high tenor of REE content with an average reported assay of **1.9% TREE including 0.42% Nd+Pr and 367ppm Tb+Dy**. The highest soil result reported was **3.74% TREE with 0.86% Nd+Pr and 666ppm Tb+Dy**. The IGO report does not specify if the soil samples received any form of pre-concentration such as heavy media separation, however, given the very high-tenor it is possible that these samples were concentrated (refer JORC tables attached). IGO conducted QEMSCAN mineralogy analysis and confirmed the presence of REE bearing minerals monazite and xenotime. **All IGO results are to be considered historic samples and cannot be confirmed until Odessa attends to verification sampling programs itself. IGO surrendered the tenement in 2013.**

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[3] Venus Metals Corporation Limited (ASX:VMC) ASX announcement dated 14 July 2020 – "NARDOO HILL WEST RARE EARTHS & TANTALUM-NIOBIUM PROJECT". Venus Metals WAMEX Report A128133 (2021).

[4] IGO Newsearch WAMEX Report A99601 (2013)

Lockier Range Project - radiometric thorium anomalies and aerial imagery anomalies

The Company has reviewed GSWA thorium radiometrics data, which reveals a high-count Th anomaly over an area ~8.5km by 3.2km partly coincident with the high TREE stream-sediment samples and several other anomalies that warrant further investigation. The radiometrics anomalies are of similar size and magnitude (based on publicly available GSWA Th radiometric grid) to those at the Yangibana REE Project (Hastings Technology) and the Mick Well REE Project (Kingfisher Mining). Furthermore, the ferrocarbonatites at Yangibana and Yin (Dreadnought Resources) form distinct dark patches on satellite imagery, and several possible similar zones are revealed on the Lockier Range project.

Nardoo Hill West REE Project:

The second REE project is in the north-east of the Lockier tenement (the "**Nardoo Hill West REE Project**"). Venus Metals Corporation Limited reported the results of a reconnaissance surface sampling program (48 stream sediment and 26 rock-chip samples) where they successfully identified several areas, with highly anomalous REE values in stream sediments; in places exceeding **0.1% TREO** with a peak of **0.147% TREO**.[5] Notably, in comparison to the IGO work, Venus Metals reported stream sediment results with 4 acid digest assaying rather than the sodium peroxide fusion, meaning that results likely under call the total REE content. VMC reported rock chip results using XRF analysis of up to **0.61% total REE** with **998ppm Nd+Pr**. In addition, earlier exploration by Arrow Minerals conducted stream sediment sampling that assayed for only Ce, La, and Y of the rare earth suite, yet also show anomalism.[6]

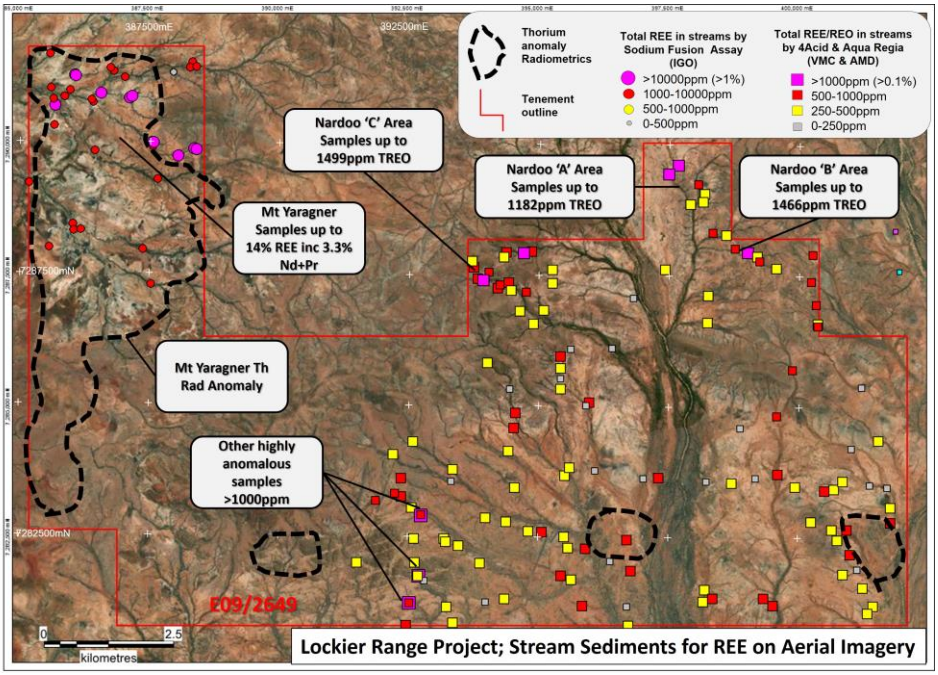

Figure 2: Lockier Range compilation of regional stream sediment data for rare earth elements on aerial imagery.

[5] Venus Metals Corporation Limited (ASX:VMC) ASX announcement dated 28 January 2021 – "NARDOO HILL WEST RARE EARTH-Ta-Nb PROJECT NEW HIGHLY ANOMALOUS REE DOMAINS IDENTIFIED WEST OF EMETALS CAIRN HILL REE ANOMALY". Venus Metals WAMEX Report A128133 (2021).

[6] Arrow Minerals WAMEX Report A117396 (2018)

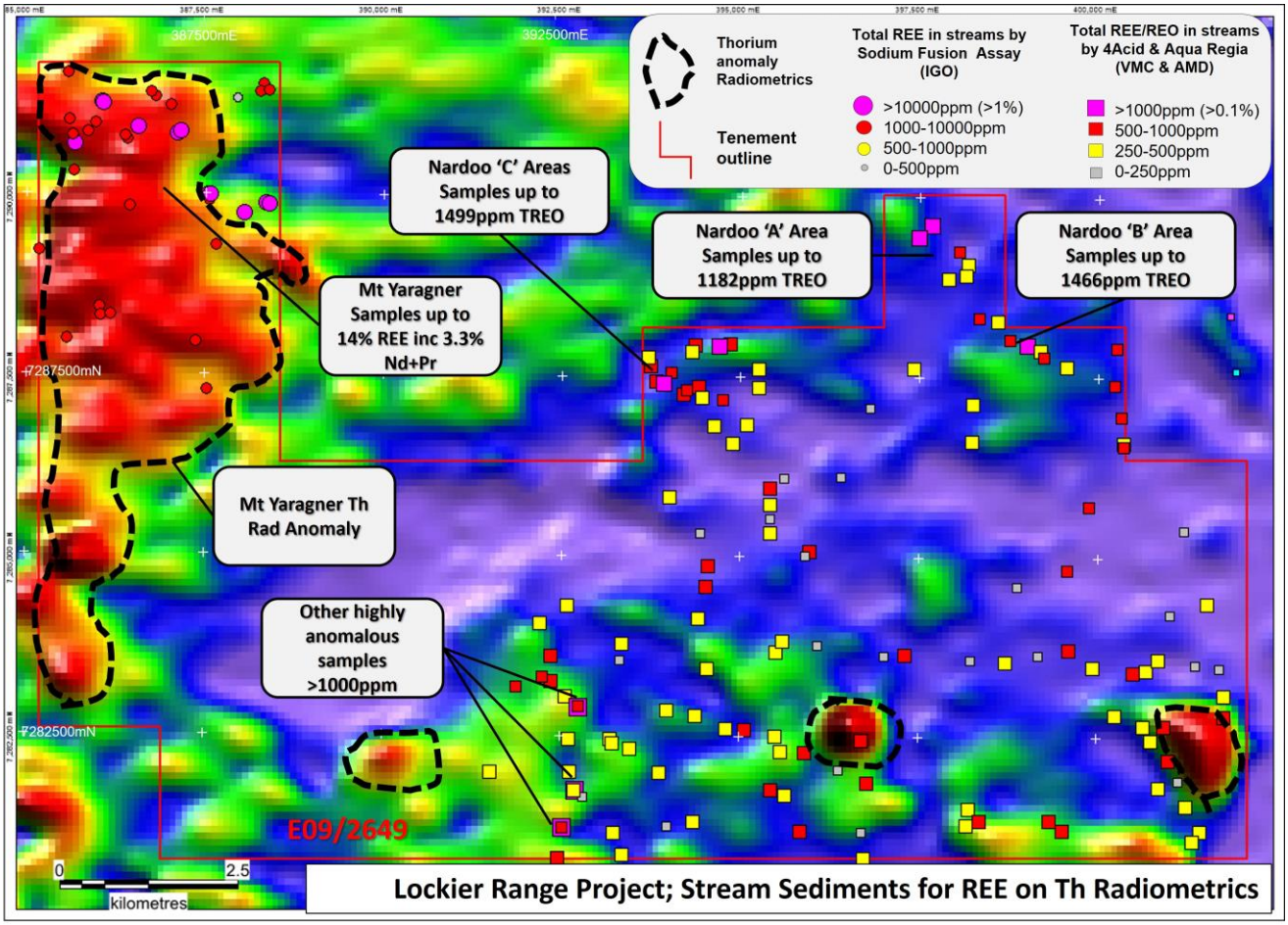

Figure 3: Lockier Range compilation of regional stream sediment data for rare earth elements on thorium radiometrics (source GSWA 80m state grid). Radiometrics shaded from blue (low-Th response) to red (high-Th response).

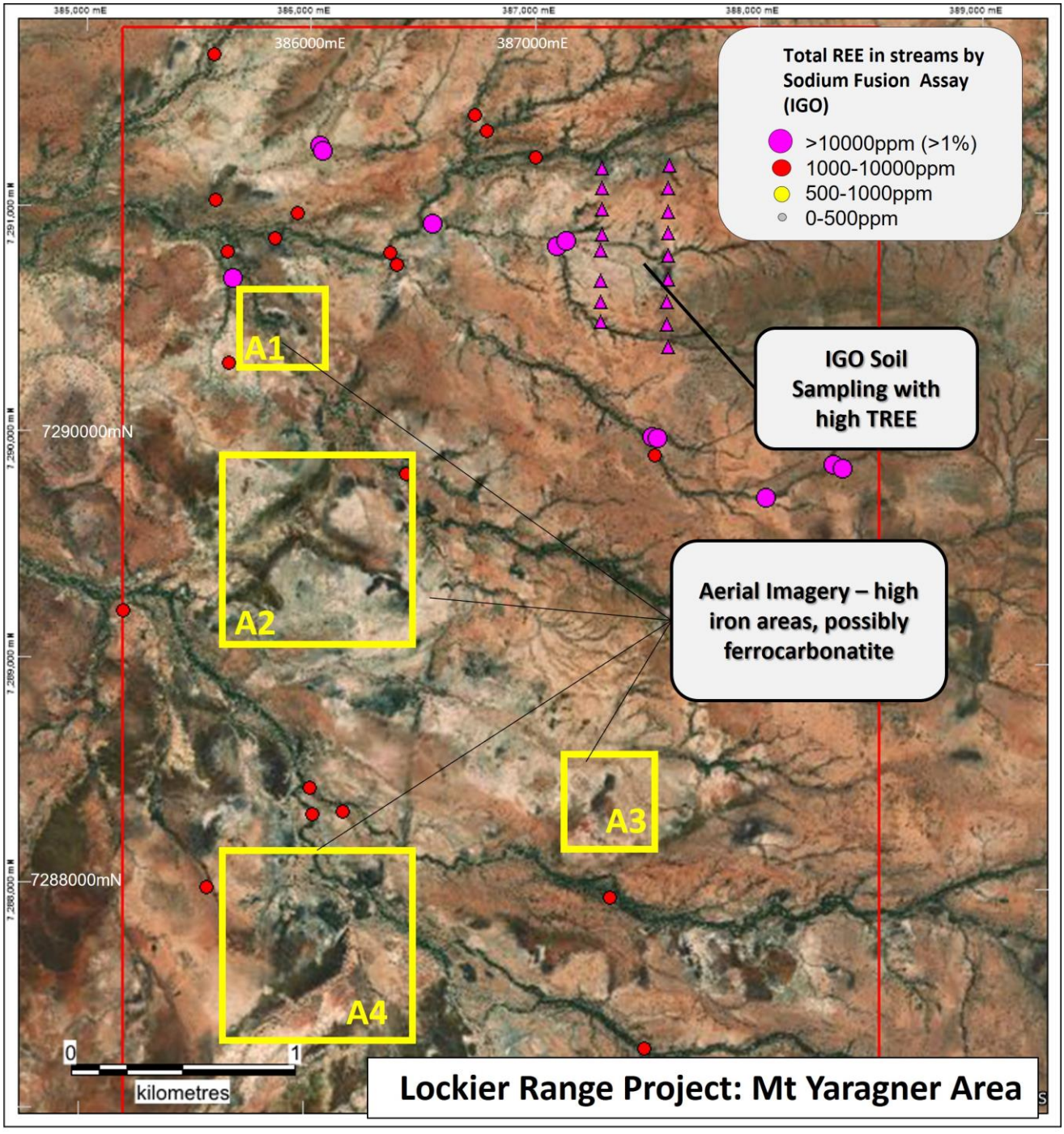

Figure 4: Mt Yaragner Area showing soils and stream sediments on aerial. Refer Figure 5 for insets.

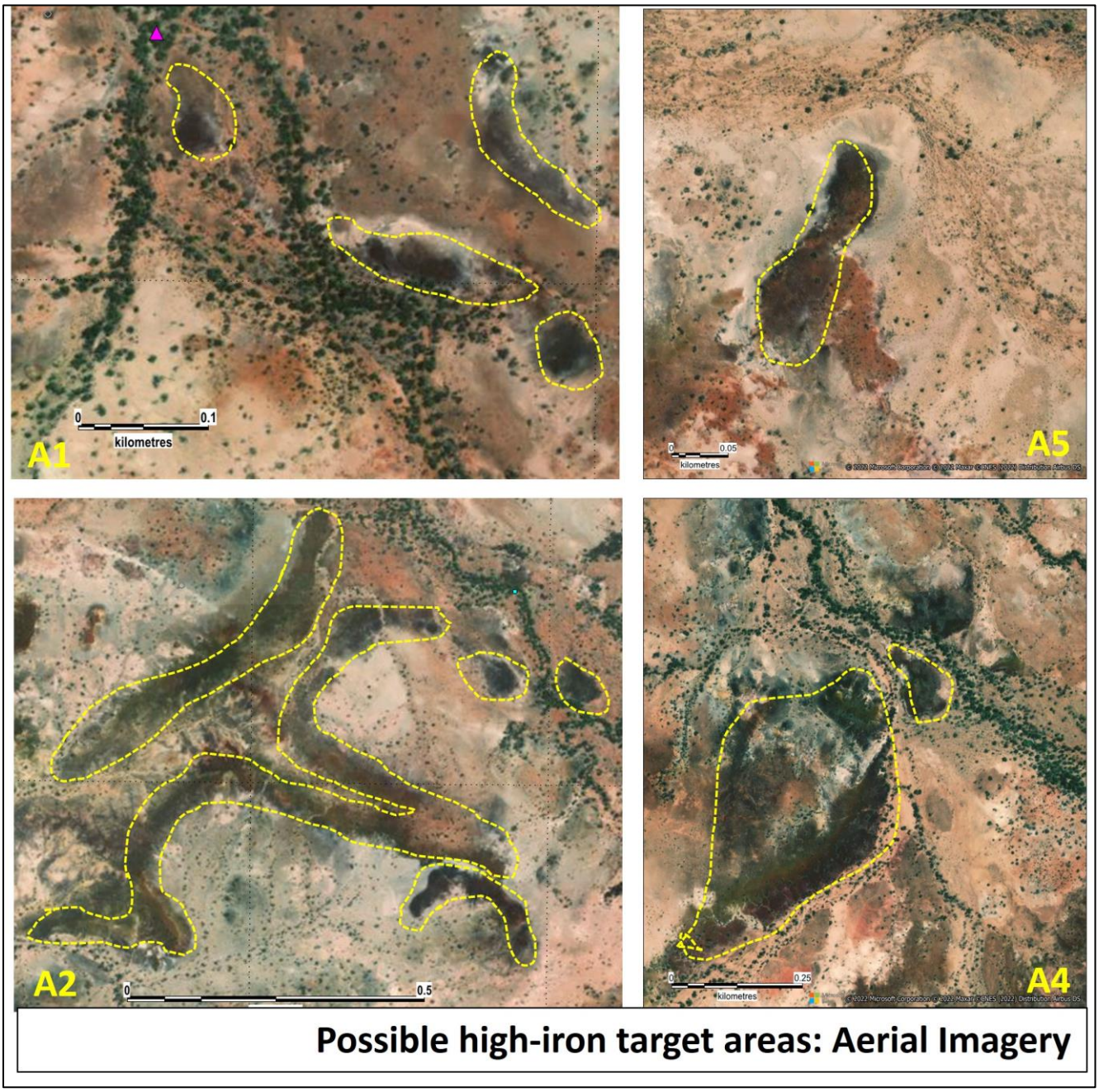

Figure 5: Mt Yaragner close ups of areas interpreted to be high-iron on imagery, potentially target areas for ferrocarbonatite.

Lithium Potential

The Lockier Range Project is in close proximity Yinnetharra Pegmatite Field and recent spodumene (lithium) pegmatite discoveries (refer Red Dirt Metals Ltd (ASX:RDT) announcement 12 September 2022). The Thirty Three Supersuite leucogranites, the presumed source of the pegmatites, intrudes Durlacher Supersuite in the south-eastern corner of the Lockier Range Project. Venus Metals reported rock chip samples up to 112ppm Li with other results of pathfinders up to 471ppm Cs and 830ppm Rb. The regional stream sediment data compiled from Arrow Minerals and Venus Metals reports has been analysed by Geochemical Services Pty Ltd using its

proprietary LCT Index. The LCT Index is a combination of ratios of lithium pathfinder elements used to target Lithium-Cesium-Tantalum (LCT) pegmatites. This work shows a large LCT Index anomaly to the west of the Thirty Three Supersuite leucogranite. Refer to Figure 6.

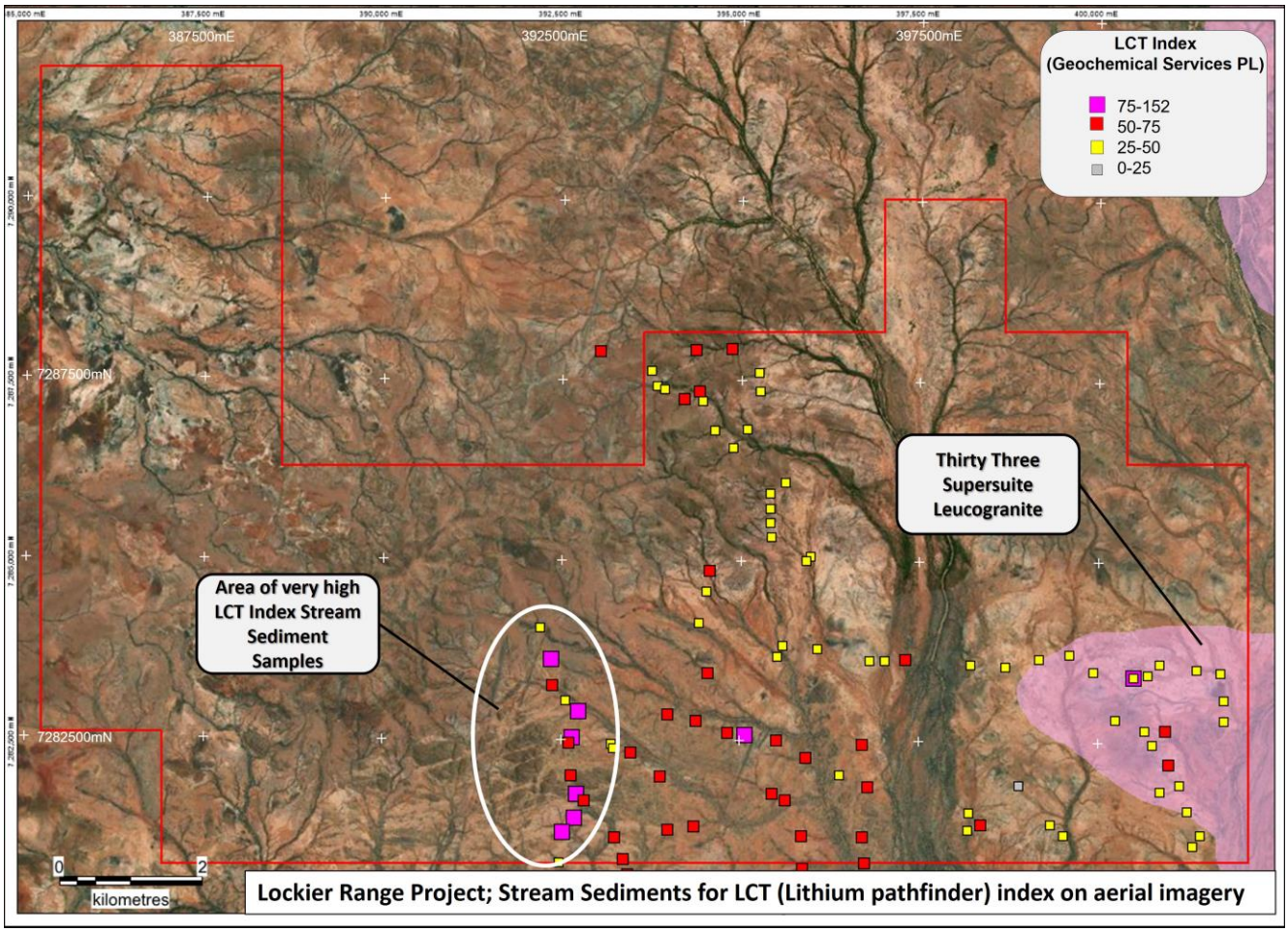

Figure 6: Stream Sediment samples coloured for LCT Index- a proprietary index developed by Geochemical Services Pty Ltd

Reliance on historic data

All sample data reported in this release, as disclosed in the body of the release, in the tables in the Appendix and in the JORC table is based on data compiled by the Competent Person from other sources and quoted in their original context. These sources have been referenced in the text and the original Competent Persons statements may be found with the relevant documents. Some of this information is publicly available but has not been reported in accordance with the provisions of the JORC Code and a completed Table 1 of the JORC Code and Competent Persons statement is attached to this Release.

Whilst every effort has been made to validate and check the data, these results should be considered in the context in which they appear and are subject to field verification by the Company.

Acquisition terms:

Odessa has signed a binding share sale agreement ("**SSA**") to acquire the Lockier Range Project which comprises of tenement E09/2649 ("**Tenement**") from the Major Shareholders of OD4 Noonie Pty Ltd, subject to various conditions precedent including shareholder approval ("**Acquisition**").

Completion of the Acquisition is subject to and conditional on:

(a) Odessa's due diligence review of OD4 Noonie and the Tenement, diligence, being satisfactory to Odessa in its absolute discretion;

(b) the Major Shareholders obtaining all necessary regulatory and shareholder approvals required to give effect to Completion;

(c) Odessa obtaining all necessary regulatory and shareholder approvals including pursuant to the ASX Listing Rules (if any) required to give effect to Completion; and

(d) OD4 Noonie and Odette One Pty Ltd ("**OD1**") entering into the Royalty Agreement and includes the following terms:

(i) OD4 Noonie agrees to pay a 1% royalty on all gross revenue derived from commercial production of minerals from the Tenement to OD1 ("**Royalty**"); and

(ii) Odessa guarantees OD4's payment of the Royalty,

(together, the "**Conditions Precedent"**).

If any of the Conditions Precedent set out above are not satisfied (or waived) on the date which is 60 Business Days after the execution date of the SSA, unless otherwise extended by the agreement of the parties, either Odessa or any of the Major Shareholders may terminate the SSA.

Completion under the SSA will occur once the transactions contemplated by the SSA is complete ("**Completion**") and scheduled to occur on the date that is five Business Days after each of the Conditions Precedent are satisfied or waived or such later date as may be agreed by the Parties.

Subject to the satisfaction of the Conditions Precedent, consideration for the Acquisition is as follows:

(a) 51,156,870 fully paid ordinary shares ("**Shares**") to the to the Shareholders of OD4 at a deemed issue price calculated based on the 20-Business Day VWAP for Odessa's Shares as traded on the ASX and ending on the day immediately prior to the day on which Completion occurs ("**Consideration Shares**") to be issued in two tranches as follows:

(i) 17,052,290 Shares ("**Tranche 1 Shares"**); and

(ii) if the Tenement is granted, 34,104,580 Shares ("**Tranche 2 Shares"**);

(b) 20,462,806 unlisted options in Odessa with an exercise price of $0.04 each and an expiry date of 31 December 2026 to the to the Shareholders of OD4 ("**Consideration Options**"); and

(c) repay the intercompany loan of $150,000 originally from Odette Geoscience Pty Ltd ("**Odette**") to OD4 Noonie back to Odette immediately following Completion.

In addition, Mr Zane Lewis holds a 3.8% interest in OD4 and will receive 1,957,471 Consideration Shares and 783,000 Consideration Options as part of the Acquisition. Given Mr Lewis is the Chairman of Odessa and a

related party, Odessa will seek shareholder approval for the issue of the Consideration Shares and Consideration Options to Mr Lewis in accordance with Listing Rule 10.11 at its upcoming annual general meeting.

Upon completion of the Acquisition, Mr Lewis' interest in Odessa (assuming no Options are exercised) will increase from 3.24% to 3.28%.

In accordance with the SSA, if the Company is not able to obtain shareholder approval for the proposed issue of Consideration Shares and Consideration Options to Mr Lewis, the parties agree that the proposed Acquisition can still proceed and Mr Lewis will receive a cash payment (to be calculated based on the VWAP of Odessa's Shares over the 20 Business Days immediately preceding the Completion Date) at Completion in lieu of the Consideration Shares and Consideration Options.

Shareholder approval for the issue of Acquisition securities to Mr Lewis will be sought at the Company's upcoming AGM, which has been rescheduled to 30 November 2022 to allow time for the AGM notice to be updated.

This announcement has been approved for release by the Board of Odessa Minerals.

ENQUIRIES

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Competent Persons Statement

Information in this report relating to historic data and interpretations is based on data compiled by Odessa Minerals Limited and reviewed by Jeremy Peters, who is a Fellow of the Australasian Institute of Mining and Metallurgy and a Chartered Professional Geologist and Mining Engineer of that organisation. Mr Peters is an independent consultant employed by Burn Shirt Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Peters consents to the inclusion of the data in the form and context in which it appears.

Mr Peters has not performed a Site Visit and considers that there is little evidence of physical exploration.

Glossary of terms and abbreviations

GSWA = Geological Survey of Western Australia.
Minedex = Western Australia mineral occurrences database, https://dasc.dmirs.wa.gov.au/
REE = Rare Earth Elements

TREE = Total Rare Earth Element assays summed for all REEs assayed
TREO = Total Rare Earth Element oxides (assays including a calculation for oxide content)
WAMEX = Western Australia mineral exploration archive. https://www.dmp.wa.gov.au/WAMEX-Minerals-Exploration-1476.aspx

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Geological Survey of Western Australia (2016), 80m eTh (thorium) radiometric grid of onshore Western Ausralia. Department of Mines, Industry Regulation and Safety. http://www.dmp.wa.gov.au/Geological-Survey/Regional-geophysical-survey-data-1392.aspx

IGO Newsearch WAMEX Report A99601 (2013)
https://geodocs.dmirs.wa.gov.au/Web/documentlist/10/Report_Ref/A99061

Venus Metals Corporation Limited (ASX:VMC) ASX announcement dated 28 January 2021 – "NARDOO HILL WEST RARE EARTH-Ta-Nb PROJECT NEW HIGHLY ANOMALOUS REE DOMAINS IDENTIFIED WEST OF EMETALS CAIRN HILL REE ANOMALY"

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Venus Metals WAMEX Report A128133 (2021)
https://geodocs.dmirs.wa.gov.au/Web/documentlist/10/Report_Ref/A128133

APPENDICES

Table A.1. Sodium fusion assay stream sediment samples for REE reported in WAMEX A99061 (IGO Newsearch) from 2013.

SampleID	Easting	Northing	Total REE %	Total REE ppm	Nd+Pr	Tb+Dy	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm
A351001	385660	7290689	7.44	74425	16995	1347	30828	1094	350	115	2075	165	15292	13445	3550	2535	253	38	4468	217
A351002	386045	7291276	6.04	60434	13313	1237	24525	1022	350	150	1659	161	12470	10519	2794	1926	215	39	4387	218
A351003	386055	7291254	9.04	90358	19736	1886	36661	1564	545	221	2435	248	18682	15567	4169	2835	323	60	6721	328
A351004	386548	7290932	4.50	45039	10348	862	18594	704	221	80	1316	104	9044	8207	2141	1596	159	24	2720	130
A351005	387534	7289995	13.69	136923	32487	2535	56261	2039	527	203	4258	284	27390	25727	6760	5196	496	52	7474	259
A351006	387105	7290839	14.05	140516	33664	2442	58711	1964	471	221	4103	266	28343	26686	6979	5135	479	45	6906	210
A351007	387146	7290861	12.21	122137	28658	2132	50933	1733	473	215	3355	248	24821	22726	5932	4305	399	50	6679	267
A351008	388046	7289730	7.72	77205	17598	1499	30776	1236	480	115	2132	201	15601	13927	3672	2618	264	60	5742	383
A468682	387362	7287951	0.17	1693	364	35	700	29	12	4	45	5	325	285	79	60	7	1	133	9
A468683	387523	7287286	0.12	1202	259	29	480	24	11	3	34	4	227	204	55	40	5	1	108	7
A468684	386019	7288426	0.41	4072	844	97	1651	80	36	7	109	14	760	663	181	135	16	4	388	27
A468685	386034	7288314	0.27	2742	602	49	1195	40	16	5	69	7	525	473	128	97	9	2	166	10
A468686	385179	7289210	0.14	1443	315	28	595	23	10	4	38	4	281	247	68	51	5	1	109	7
A468694	388307	7291534	0.12	1218	228	34	452	29	17	3	29	6	227	178	50	34	5	3	172	15
A468695	388259	7291418	0.28	2844	488	96	1004	83	54	6	74	18	456	384	104	80	13	8	514	46
A468696	387935	7291324	0.05	483	98	12	188	10	5	2	12	2	90	77	21	15	2	1	54	5
A468697	387551	7289917	0.25	2532	474	75	957	65	37	6	65	13	428	373	101	80	11	5	362	30
A468698	387653	7289286	0.26	2590	468	77	948	67	44	5	66	15	430	368	100	77	11	6	413	40
A468699	386442	7289823	0.18	1827	375	42	738	35	17	4	47	7	345	295	81	60	7	2	177	13
A468700	385849	7290861	0.67	6687	1386	157	2649	131	65	10	181	24	1271	1090	296	233	26	9	651	52
A468701	385637	7290805	0.19	1899	387	45	765	37	18	3	50	7	348	304	83	61	7	3	197	15
A468702	386390	7290752	0.53	5269	1091	119	2125	99	44	8	141	17	1040	853	238	183	20	5	464	32
A468703	386361	7290805	0.41	4091	781	114	1536	97	59	8	105	20	710	613	169	126	17	9	570	53
A468704	387010	7291233	0.53	5287	1099	120	2104	101	46	8	141	19	1033	867	232	180	20	6	494	36
A468705	386789	7291348	0.42	4169	867	98	1683	82	39	7	111	15	767	684	183	141	16	5	403	32
A468706	386732	7291415	0.33	3305	640	89	1269	75	44	7	85	16	582	503	137	102	14	6	429	36
A468707	385578	7291029	0.30	2972	571	87	1080	74	45	7	79	16	529	448	123	91	13	6	424	38
A468708	385569	7291675	0.27	2652	528	66	1058	56	29	6	66	11	487	414	114	83	10	4	290	23
A495018	387559	7289993	3.67	36741	8112	677	15872	547	176	52	1082	79	7084	6254	1858	1319	130	19	2162	105
A495019	388349	7289881	4.00	40013	8580	775	17136	634	258	56	1120	102	7563	6642	1939	1341	141	32	2867	184

SampleID	Easting	Northing	Total REE %	Total REE ppm	Nd+Pr	Tb+Dy	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm
A495020	388386	7289864	4.50	44987	9506	916	18723	757	344	61	1210	129	8749	7350	2156	1440	159	45	3591	274
D013026	385945	7290979	0.10	1014	221	17	447	14	4	2	27	2	208	173	48	36	3	0	48	2
D013027	385647	7290312	0.04	380	82	6	176	5	1	1	10	1	73	64	18	13	1	0	17	1
D013028	388374	7291442	0.16	1639	360	29	718	24	6	4	42	3	339	279	81	55	5	1	80	3
D024151	386170	7288323	0.80	8036	1769	168	3395	141	73	11		25	1508	1396	373	273	28	10	733	62
D024152	385564	7287986	0.44	4391	805	112	1912	96	61	7		19	691	636	169	127	17	9	585	56
D024153	385945	7290979	0.56	5635	1094	156	2168	133	79	10		25	1027	866	227	176	23	12	799	78
D024154	385647	7290312	0.44	4440	877	123	1753	105	63	6		20	788	695	182	142	18	9	589	60
D024155	388374	7291442	0.31	3100	527	104	1114	91	67	6		20	480	415	112	85	14	10	603	73

Table A.1. Sodium fusion soil samples following heavy media separation (non-magnetic fraction) reported in WAMEX A99061 (IGO Newsearch) from 2013

Sample_ID	Easting	Northing	TOTAL REE %	Total REE ppm	Nd+Pr	Tb+Dy	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm
A469045	387362	7287951	4.94	49368	11686	784	21228	630	203	86	1219	99	9676	9179	2508	1771	155	24	2463	129
A469046	387523	7287286	4.03	40274	9357	676	17169	546	203	82	980	91	7818	7350	2007	1408	130	26	2319	144
A469047	386019	7288426	2.82	28186	6147	481	12277	388	142	53	735	64	5498	4720	1427	1041	94	18	1623	108
A469048	386034	7288314	4.15	41510	8720	1049	16052	880	468	79	1063	178	7163	6850	1870	1353	169	65	4940	383
A469049	385179	7289210	3.55	35472	8278	606	15222	490	187	55	905	84	6589	6518	1760	1294	116	23	2100	129
A469057	388307	7291534	3.24	32356	6231	886	12403	743	397	72	869	151	5800	4753	1478	1085	143	55	4080	329
A469058	388259	7291418	3.33	33339	6654	855	12928	717	400	72	855	149	5980	5151	1504	1090	137	57	3947	353
A469059	387935	7291324	3.66	36600	8341	713	15364	578	192	79	957	92	7110	6534	1807	1318	135	22	2293	119
A469060	387551	7289917	12.00	120022	27564	2322	50039	1888	731	179	3037	324	22470	21649	5915	4230	434	95	8490	542
A469061	387653	7289286	3.24	32395	7258	673	13339	550	219	59	857	96	6115	5697	1561	1132	123	28	2463	157
A469062	386442	7289823	6.53	65323	14534	1167	26855	950	461	90	1688	206	12391	11452	3083	2228	217	58	5326	318
A469063	385849	7290861	4.34	43357	9381	1019	16974	844	413	88	1134	164	7987	7356	2026	1508	175	58	4278	354
A469064	385637	7290805	7.91	79110	18167	1485	33165	1206	448	122	2019	203	15039	14239	3928	2803	279	57	5285	317
A469065	386390	7290752	5.98	59828	13551	1236	23997	1012	445	98	1555	184	11380	10632	2920	2107	224	59	4867	349
A469066	386361	7290805	5.87	58742	12823	1313	23449	1087	510	131	1469	206	11050	10047	2775	1942	226	69	5376	406
A469067	387010	7291233	6.51	65053	13879	1500	25980	1249	609	140	1628	239	11891	10862	3017	2136	251	84	6480	488
A469068	386789	7291348	2.91	29102	6028	647	11946	533	228	69	779	96	5566	4624	1405	1025	114	29	2522	167

Sample_ID	Easting	Northing	TOTAL REE %	Total REE ppm	Nd+Pr	Tb+Dy	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm
A469069	386732	7291415	2.22	22220	4612	527	8760	438	208	57	588	83	4260	3549	1063	752	89	28	2177	169
A469070	385578	7291029	7.30	72976	16333	1527	29560	1254	490	170	1815	220	14302	12790	3543	2446	273	60	5732	323
A469071	385569	7291675	2.30	23039	4004	723	8360	616	404	56	587	140	3782	3170	834	690	106	60	3861	372

Table A.3. Sodium fusion soil samples for REE reported in WAMEX A99061 (IGO Newsearch) from 2013.

Sample ID	Easting	Northing	TREE ppm	Nd+Pr ppm	Tb+Dy ppm	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Nd_ppm	Pr_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm
A495001	387603	7291200	14056	3057	284	6256	231	86	30	416	36	2897	2358	699	53	10	929	56
A495002	387600	7291100	16212	3583	316	7294	254	82	31	499	37	3397	2762	820	62	9	914	51
A495003	387599	7290997	23029	5021	460	10093	378	147	52	642	60	4776	3834	1186	83	18	1650	110
A495004	387600	7290902	16025	3457	298	7185	244	94	34	421	38	3426	2667	790	54	11	996	66
A495005	387601	7290802	3381	708	74	1508	61	26	9	96	10	673	544	164	13	3	253	20
A495006	387604	7290698	4553	988	89	2085	73	29	11	132	11	894	759	229	16	3	292	20
A495007	387598	7290595	21406	4783	402	9431	327	130	44	611	52	4399	3663	1120	75	16	1438	101
A495008	387599	7290497	18797	4179	358	8242	292	119	41	535	46	3891	3190	989	65	15	1274	96
A495009	387606	7290399	17639	3931	332	7793	271	107	42	505	43	3597	3003	928	62	13	1190	87
A495010	387305	7291185	28223	6216	602	12090	497	215	58	784	84	5670	4798	1418	105	27	2320	160
A495011	387305	7291101	19803	4213	417	8578	344	152	47	541	57	4017	3210	1003	73	19	1641	120
A495012	387304	7291002	20585	4457	412	8966	339	140	46	567	54	4258	3408	1049	73	17	1563	106
A495013	387303	7290892	34396	7827	667	15138	544	189	64	980	83	7113	6038	1789	122	21	2196	119
A495014	387300	7290824	8506	1779	183	3705	152	69	18	238	26	1747	1373	406	31	9	680	53
A495015	387302	7290685	14958	3205	297	6679	244	98	30	424	39	3104	2474	731	53	12	998	74
A495016	387301	7290595	23647	5200	429	10566	348	130	50	652	54	4940	3953	1248	81	16	1514	96
A495017	387303	7290507	37459	8633	626	17003	504	162	71	1026	73	7729	6654	1979	121	18	2020	101

Table A.4. Four acid digest stream samples for REE reported in Venus Metals announcement dated 28 January 2021.

Sample_ID	Easting	Northing	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	TREO+Y2O3
20115001	397666	7289612	224.0	500.0	55.6	186.6	35.9	3.1	26.5	3.3	13.8	1.9	4.1	0.5	2.6	0.3	50.8	1109.0
20115002	397486	7289447	235.7	524.5	58.0	200.6	39.4	2.9	30.0	3.8	16.1	2.3	4.7	0.6	3.0	0.3	61.0	1182.7

Sample_ID	Easting	Northing	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	TREO+Y2O3
20115003	398043	7289254	111.4	245.7	26.6	92.1	17.4	1.7	12.7	1.8	8.0	1.1	2.7	0.3	2.2	0.3	31.7	555.9
20115004	398174	7289065	73.9	160.9	16.9	60.7	11.6	1.4	8.1	1.2	5.7	0.8	2.1	0.2	1.7	0.2	24.1	369.4
20115005	397898	7288875	56.3	124.1	13.3	47.8	9.3	1.0	6.9	0.9	4.6	0.8	1.8	0.2	1.5	0.2	20.3	289.1
20115006	398142	7288916	65.7	145.0	15.7	54.8	10.4	1.4	8.1	1.2	5.7	0.9	2.4	0.3	2.0	0.3	26.7	340.6
20115007	398327	7288326	144.3	309.6	33.8	116.6	22.0	2.2	17.3	2.4	10.3	1.5	3.3	0.5	2.4	0.3	40.6	707.0
20115008	398589	7288286	84.4	186.7	20.5	70.0	12.8	1.4	9.2	1.3	5.7	0.9	2.1	0.2	1.7	0.2	25.4	422.5
20115009	398756	7288032	99.7	221.1	24.2	87.5	16.2	2.3	12.7	1.8	8.0	1.4	3.3	0.5	2.6	0.3	36.8	518.3
20115010	399010	7287945	289.7	651.1	71.3	242.6	46.4	3.7	35.7	4.8	21.8	3.1	6.5	0.8	4.6	0.6	83.8	1466.4
20115011	399196	7287870	78.6	172.0	18.1	64.2	11.6	1.4	9.2	1.3	5.7	0.9	2.3	0.3	1.9	0.2	25.4	393.1
20115012	399231	7287792	191.2	420.1	45.9	159.8	30.1	2.7	23.1	3.1	13.8	2.1	4.7	0.6	3.2	0.5	54.6	955.2
20115013	399554	7287646	75.1	164.6	18.1	63.0	11.6	1.4	9.2	1.2	5.7	0.8	2.1	0.2	1.6	0.2	24.1	378.8
20115014	400255	7287912	116.1	254.3	27.8	98.0	18.6	1.9	15.0	1.9	8.0	1.1	2.4	0.3	1.8	0.2	30.5	577.8
20115015	400226	7287398	106.7	234.6	25.4	87.5	16.2	1.7	12.7	1.6	6.9	1.0	2.3	0.2	1.7	0.2	27.9	526.7
20115016	400332	7286952	164.2	351.3	37.5	129.5	24.4	2.2	17.3	2.2	10.3	1.5	3.2	0.3	2.6	0.3	38.1	784.9
20115017	400366	7286595	69.2	153.6	16.9	57.2	10.4	1.4	8.1	1.2	5.7	0.8	2.1	0.2	1.7	0.2	22.9	351.4
20115018	397427	7287623	48.1	109.3	12.1	42.0	8.1	1.0	5.8	0.9	4.6	0.8	1.9	0.2	1.7	0.2	20.3	257.1
20115019	396815	7287071	42.2	102.0	9.7	36.2	7.0	1.0	5.8	0.8	4.6	0.7	1.8	0.2	1.7	0.2	20.3	234.1
20115020	398248	7287127	100.9	218.7	24.2	81.6	15.1	1.6	11.5	1.5	6.9	1.0	2.4	0.3	1.8	0.2	29.2	496.9
20115021	398245	7286602	86.8	187.9	20.5	72.3	13.9	1.5	10.4	1.3	5.7	0.9	2.1	0.2	1.6	0.2	24.1	429.5
20115022	399873	7285711	110.2	238.3	26.6	93.3	17.4	2.1	13.8	1.8	9.2	1.5	3.8	0.5	3.3	0.5	41.9	564.0
20115023	401214	7285383	31.7	68.8	7.2	26.8	4.6	0.8	3.5	0.6	2.3	0.5	1.3	0.2	1.1	0.2	14.0	163.5
20115024	401535	7284362	57.5	124.1	13.3	49.0	9.3	1.2	6.9	0.9	4.6	0.7	1.8	0.2	1.6	0.2	19.0	290.2
20115025	401027	7284215	29.3	63.9	7.2	24.5	4.6	0.9	3.5	0.5	2.3	0.6	1.5	0.2	1.5	0.2	14.0	154.6
20115026	399582	7284821	131.4	281.3	31.4	110.8	19.7	2.1	15.0	1.9	9.2	1.4	3.2	0.5	2.8	0.3	38.1	649.0
20115027	398876	7284589	45.7	100.7	10.9	38.5	7.0	1.2	5.8	0.7	3.4	0.6	1.4	0.2	1.1	0.2	16.5	233.8
20115028	396411	7286113	46.9	102.0	10.9	39.7	8.1	1.2	5.8	0.8	3.4	0.7	1.6	0.2	1.5	0.2	17.8	240.6
20115029	393715	7287759	51.6	109.3	12.1	42.0	8.1	1.2	5.8	0.8	4.6	0.7	1.7	0.2	1.6	0.2	19.0	258.9
20115030	394322	7287842	56.3	127.8	13.3	49.0	9.3	1.4	6.9	0.9	4.6	0.7	1.9	0.2	1.7	0.2	20.3	294.5
20115031	394707	7287923	251.0	555.2	60.4	212.3	40.6	3.8	31.1	4.0	16.1	2.3	4.8	0.6	3.2	0.5	61.0	1246.7
20115032	394037	7287551	194.7	432.4	49.5	170.3	31.3	2.5	23.1	2.8	11.5	1.6	3.8	0.5	2.5	0.3	41.9	968.6
20115033	393923	7287395	299.1	673.2	77.3	267.1	53.3	3.6	38.0	4.4	16.1	2.2	4.3	0.5	2.8	0.5	57.1	1499.4
20115034	394252	7287311	110.2	250.6	27.8	96.8	19.7	1.7	15.0	1.9	8.0	1.1	2.5	0.3	1.8	0.2	31.7	569.5
20115035	394753	7287169	105.6	240.8	26.6	94.5	18.6	1.5	13.8	1.9	8.0	1.0	2.2	0.2	1.6	0.2	29.2	545.6
20115036	394008	7285814	86.8	186.7	19.3	67.7	12.8	1.5	9.2	1.3	5.7	0.8	1.9	0.2	1.5	0.2	24.1	419.7
20115037	394450	7285316	42.2	90.9	9.7	33.8	5.8	1.2	4.6	0.7	3.4	0.6	1.5	0.2	1.4	0.2	16.5	212.6
20115041	392590	7284304	71.5	156.0	16.9	59.5	10.4	1.3	8.1	1.2	5.7	0.9	2.3	0.3	1.9	0.3	24.1	360.5
20115042	393359	7283775	98.5	208.8	23.0	81.6	15.1	1.6	11.5	1.4	6.9	1.1	2.9	0.3	2.4	0.3	31.7	487.2
20115043	393325	7283550	39.9	87.2	9.7	35.0	7.0	1.0	4.6	0.8	4.6	0.7	2.1	0.3	1.9	0.2	21.6	216.5
20115044	395582	7282290	75.1	172.0	18.1	61.8	11.6	1.7	8.1	1.2	5.7	1.0	3.0	0.5	2.6	0.3	30.5	393.1
20115047	392758	7282906	165.4	374.7	39.9	141.1	27.8	3.5	23.1	3.3	18.4	3.3	9.3	1.4	8.4	1.3	94.0	914.6

Sample_ID	Easting	Northing	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	TREO+Y2O3
20115048	392239	7283311	123.1	266.6	29.0	99.1	17.4	2.0	12.7	1.8	8.0	1.4	3.3	0.5	2.6	0.3	38.1	605.8
20115049	391877	7283172	102.0	226.0	24.2	86.3	16.2	1.9	12.7	1.6	8.0	1.4	3.8	0.5	3.1	0.5	39.4	527.4
20115058	391516	7281992	64.5	157.2	16.9	64.2	13.9	2.2	12.7	2.0	11.5	2.2	6.2	0.9	5.8	0.8	62.2	423.1
20115059	392699	7281744	42.2	104.4	12.1	49.0	11.6	2.2	11.5	1.9	11.5	2.3	6.6	0.9	6.3	0.9	64.8	328.1
20115060	392543	7281224	134.9	299.7	31.4	105.0	17.4	2.1	12.7	1.8	8.0	1.4	3.5	0.5	3.0	0.5	38.1	659.8
20115104	400357	7286546	175.9	372.2	41.1	143.5	25.5	2.7	18.4	2.5	11.5	1.6	3.5	0.5	2.7	0.3	44.4	846.3

Table A.5. Four acid digest rock samples for REE + Li-Cs-Rb reported in WAMEX A128133 (Venus Metals) 2021. Sample 20115219 assayed using method LA101 XRF

SampleID	Easting	Northing	TOTAL REE ppm	Nd+Pr	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Tb_ppm	Tm_ppm	Y_ppm	Yb_ppm	Cs_ppm	Li_ppm	Rb_ppm
20115200	398114	7289280	86	13	17	6	4	1	5	1	6	1	11	2	1	1	27	3	0	3	1
20115201	398188	7289120	98	12	18	6	4	1	5	1	11	1	10	2	1	1	34	3	11	6	85
20115202	398446	7288316	230	52	100	4	1	1	6	1	49	0	41	11	1	0	14	1	12	96	105
20115203	398584	7288395	30	6	10	1	0	0	1	0	5	0	5	1	0	0	5	0	2	10	62
20115204	398738	7288038	63	11	22	2	1	0	2	0	9	0	9	2	0	0	12	1	17	9	345
20115205	399218	7287789	209	46	95	4	1	1	5	0	44	0	36	10	1	0	10	1	6	67	128
20115206	399816	7287777	93	19	40	2	1	1	3	0	19	0	15	4	0	0	8	0	9	47	241
20115207	400276	7287933	142	16	22	8	7	1	6	2	8	1	13	3	1	1	59	9	0	7	4
20115208	400276	7287933	61	11	21	1	1	0	2	0	12	0	9	2	0	0	10	1	0	3	5
20115209	400380	7286530	130	16	41	5	3	1	5	1	22	0	12	4	1	0	32	3	0	4	5
20115210	399944	7286690	125	24	49	3	2	1	4	1	23	0	19	5	1	0	17	2	4	28	48
20115211	399498	7286744	35	6	13	1	1	0	1	0	5	0	4	1	0	0	6	1	8	112	315
20115212	394328	7287835	120	23	48	3	2	1	3	1	21	0	18	5	1	0	16	2	11	63	214
20115213	393861	7287777	11	2	6	0	0	0	0	0	2	0	1	0	0	0	1	0	23	14	467
20115214	393710	7287748	291	64	93	11	6	3	12	2	40	1	52	12	2	1	52	5	4	9	75
20115215	393710	7287748	375	87	175	5	1	1	12	1	79	0	68	19	1	0	13	0	2	3	97
20115216	394360	7285452	19	4	7	1	0	0	1	0	3	0	3	1	0	0	3	0	471	6	830
20115217	394023	7285772	37	5	9	2	1	0	1	0	4	0	4	1	0	0	12	3	47	15	501
20115218	392466	7282844	48	8	20	1	1	0	1	0	9	0	6	2	0	0	6	1	7	11	235
20115219	391752	7282287	6093	998	1860	202	164	8	155	50	902	26	781	217	28	26	1500	173	32		648
20115220	391527	7282018	182	36	75	4	2	1	5	1	35	0	28	8	1	0	20	2	3	33	152
20115221	391914	7281792	50	8	13	2	1	1	2	0	7	0	6	2	0	0	13	1	10	13	306
20115222	392364	7281506	25	3	9	1	1	1	1	0	4	0	3	1	0	0	5	1	9	7	400
20115223	392364	7281507	175	37	77	3	1	1	4	0	36	0	29	8	1	0	13	1	17	102	442
20115224	392599	7281385	61	11	20	2	1	1	2	0	6	0	9	2	0	0	14	1	1	21	62
20115225	392720	7281785	180	24	49	7	7	1	6	2	20	3	19	5	1	2	45	14	25	66	545

20115226	392640	7282522	44	7	18	1	1	0	1	0	8	0	6	2	0	0	6	1	8	5	359

Table A.6. Four acid digest samples for REE and LCT indicators reported by Arrow Minerals in WAMEX report A117396 (2018)

SampleID	Easting	Northing	Be_ppm	Ce_ppm	Cs_ppm	La_ppm	Li_ppm	Nb_ppm	Sc_ppm	Ta_ppm	Th_ppm	U_ppm	Y_ppm
SEG00233	392206	7284057	1.29	274	2.54	137	14.8	15.35	10.4	1.43	70.3	7.76	36.2
SEG00234	392360	7283610	1.35	480	1.45	219	9	46.2	15	3.38	125.5	11.85	85.8
SEG00235	392367	7283248	1.16	500	1.65	310	9.4	27.5	14.1	2.82	175.5	16.2	83.5
SEG00236	392564	7283046	1.34	252	1.67	127	10.1	15.9	9.61	1.34	66.8	6.77	37.2
SEG00237	392746	7282887	1.24	500	1.19	370	9.5	60.3	16.65	4.5	213	18.2	136
SEG00238	392613	7282448	1.6	168.5	2.35	85.3	14.4	18.85	10.6	1.68	39.4	5.23	42.3
SEG00239	392639	7282001	1.48	203	1.39	98.6	10	31.7	11.25	2.83	49.6	5.68	68.8
SEG00240	392715	7281742	1.26	500	1.02	460	10.4	56.2	15.85	5.06	285	22.9	138
SEG00241	392824	7281654	1.66	129	1.42	62.7	12.4	23.9	11.2	1.84	32.2	3.86	42
SEG00242	392534	7281223	1.69	500	1.39	560	13	40.9	14.3	4.16	317	25.7	130.5
SEG00243	392480	7280800	1.7	399	1.68	200	14	18.7	10.45	1.76	111.5	9.93	59.6
SEG00271	393742	7287639	1.63	500	2.29	240	15.7	20.8	12	1.77	149.5	11.05	53.7
SEG00272	393813	7287419	1.52	500	2.02	240	13.8	19	12.95	1.66	145	10.55	56.6
SEG00273	393919	7287381	1.65	500	2.47	290	14.4	16.9	10.75	1.49	182	12.05	56.9
SEG00274	394195	7287247	1.34	450	2.23	211	12.6	21.7	11.5	2.53	130	9.85	53.7
SEG00275	394414	7287349	1.38	500	2.23	300	14.1	25.7	15.55	3.04	197	13.25	69.1
SEG00277	394356	7287930	1.8	500	2.67	340	20.1	25	14.85	1.72	190	15.45	75.8
SEG00278	394854	7287950	1.47	500	2.92	350	18.2	23.7	11.9	2.61	232	16.2	74.4
SEG00279	395248	7287609	1.48	195	3.51	99.2	17.4	15.2	13.2	1.33	60.6	5.2	29.3
SEG00280	395259	7287353	1.63	291	3.21	142	16.8	18.4	14.6	2.15	83.4	9.12	55.3
SEG00281	395084	7286829	1.41	160	2.34	82.6	14.2	15.25	11.4	1.39	44.6	4.92	27.2
SEG00282	395616	7286085	1.42	92.4	3.62	46.6	13.2	11.8	9.68	1.1	24.1	3.82	18.05
SEG00283	395974	7285067	1.26	320	2.12	155.5	15.7	19.65	13.2	2.2	91	8.75	44.5
SEG00284	395909	7285008	1.3	138	1.84	69.1	13.6	13.2	10.15	1.16	37.9	4.35	23.5
SEG00285	395916	7282273	1.37	500	1.48	340	10.3	38.1	15.75	3.19	196.5	18.2	97.9
SEG00286	395509	7282501	1.76	266	2.33	133	14.3	21.6	13.85	1.74	74.5	7.51	46.8
SEG00287	395070	7282584	1.68	320	1.53	149.5	12.3	43.1	21.9	3.03	76.3	8.3	89.5
SEG00288	394821	7282602	1.76	233	1.93	113	13.1	33.5	17.95	2.58	67.6	7.69	64.8
SEG00289	394383	7282778	2.01	187	2.71	94.2	18.2	29.8	19	2.24	49.4	6.02	55
SEG00290	393991	7282862	1.72	189.5	1.73	91.9	12	32.5	16.8	2.3	54.3	6.92	58.5
SEG00291	395450	7281762	1.67	317	1.61	154.5	11.1	28.8	12.85	2.13	88.4	8.13	57.5
SEG00292	395642	7281678	1.51	258	1.42	126.5	9.6	35.1	12.9	2.55	75.4	7.49	64.2
SEG00293	395866	7281181	1.27	361	1.53	175.5	9.3	26.6	11.55	2.19	104.5	8.88	51.2
SEG00294	396387	7282033	1.65	141	1.64	70.2	10.7	19.65	9.8	1.39	37.1	3.5	38

SampleID	Easting	Northing	Be_ppm	Ce_ppm	Cs_ppm	La_ppm	Li_ppm	Nb_ppm	Sc_ppm	Ta_ppm	Th_ppm	U_ppm	Y_ppm
SEG00295	396714	7282457	1.63	500	1.62	280	11.4	25.1	11	1.82	201	10.65	75.3
SEG00296	396794	7281860	1.52	350	1.51	172.5	10.1	31.6	11.35	2.38	110	7.32	51.1
SEG00297	398209	7281513	1.36	267	1.55	130	10.6	19.6	12.5	1.5	73.4	6.51	43.7
SEG00298	398187	7281276	1.58	272	1.74	137	11.6	20.1	11.45	1.55	75.7	6.16	42.4
SEG00299	398372	7281345	1.98	410	3.28	193.5	20	19.95	15	2.2	106.5	9.19	53
SEG00301	399340	7281354	1.42	341	2.82	165	16.1	19.15	21.2	1.71	101.5	9.4	49.7
SEG00302	399527	7281206	1.6	315	2.45	148	14.8	16.85	15.15	1.61	101	7.39	46.1
SEG00303	400251	7282810	1.88	208	2.55	102.5	15.5	15.55	9.23	1.49	67.5	4.69	28.3
SEG00304	400653	7282661	1.68	178	2.63	91.2	13.9	13.05	10.05	1.25	49.9	5.05	29.2
SEG00305	400763	7282472	1.58	190.5	1.8	95.8	11.3	14.1	9.75	1.35	53.9	5.25	31.3
SEG00306	400876	7281815	1.69	179.5	1.97	90.7	11.6	14.5	9.51	1.8	49.6	5.64	31.7
SEG00315	396746	7280806	1.89	160	1.83	78.9	13.1	29.1	10.6	3.14	46.3	5.14	40.8
SEG00316	396717	7281176	1.84	139.5	1.75	70.1	12.3	20.4	8.99	1.56	39.7	3.8	28.5
SEG01148	393200	7282451	1.57	218	1.88	110.5	11.4	18.8	12.05	1.7	56.9	6.13	39.5
SEG01149	393235	7282390	1.33	187.5	1.83	95.1	9.9	20.7	12.65	1.78	52.5	6.08	38.7
SEG01151	393474	7282325	1.43	223	1.62	108.5	9.1	21.9	12.2	1.87	59.2	6.35	40.5
SEG01152	393890	7281997	1.37	216	1.54	105.5	8.8	26.3	12.9	2.56	59.7	6.55	47.6
SEG01153	394372	7281307	1.82	266	1.56	128	10.8	28	11.15	2.31	71.4	6.87	55.1
SEG01154	393994	7281252	1.67	132.5	1.78	67.4	13.6	22.1	10.6	1.64	36.5	4.06	36.5
SEG01155	393250	7281152	1.87	205	1.83	102.5	15.3	23.6	11.45	1.78	52.5	5.63	45.7
SEG01156	393383	7280840	1.69	206	1.98	104.5	12.4	20.6	10.75	1.7	65.3	6.91	35.5
SEG01189	394464	7287210	1.39	165	2.97	83.4	12.9	16.35	11.35	1.49	46.2	4.76	29.8
SEG01190	394629	7286813	1.34	192	2.17	98	10.2	19.05	10.95	1.67	53.1	5.53	33.9
SEG01191	394894	7286573	1.51	185	2.14	93.5	11.5	15.9	11.7	1.41	48.7	5.68	29.3
SEG01192	395414	7285943	1.12	318	1.7	157.5	9.2	20	12.35	2.15	85.4	9.68	42.7
SEG01193	395414	7285720	1.12	213	1.28	103.5	17.2	18.75	12.9	1.95	65.2	6.98	31.3
SEG01194	395417	7285528	1.06	133.5	1.57	67.4	14.6	14.5	9.61	1.3	41.4	4.78	23.7
SEG01195	395421	7285326	1.1	303	1.68	147.5	11	20.8	12.55	1.88	87	8.35	44
SEG01196	394558	7284860	1.18	500	2.15	400	11.3	25.9	15.1	2.85	226	19.1	79.7
SEG01197	394521	7284570	1.17	328	2.48	161	12.3	17.5	11.45	1.97	89.8	9.72	42.6
SEG01198	394426	7284130	1.14	276	1.77	135	10.2	19.95	13.3	1.8	74.1	8.1	43.8
SEG01199	394549	7283432	1.39	148.5	2.07	72.4	10.5	21.5	13.4	1.67	37	4.71	39.2
SEG01201	395513	7283675	1.24	239	2.39	118.5	11.8	15.8	11.25	1.5	66.3	7.15	37.2
SEG01202	395599	7283820	1.17	176.5	2.4	88.4	10	13.45	10.15	1.22	46	5.51	27.4
SEG01203	396084	7283774	1.28	87.4	2.92	46.3	13.2	11.9	10.5	1.05	24.2	3.32	18.35
SEG01204	397026	7283623	1.28	136	2.65	68.8	11.5	13.35	10.75	1.22	36.5	4.37	24.5
SEG01205	397316	7283637	1.33	490	2.28	230	10.7	23.7	12.2	5.08	140	11.65	55.8
SEG01206	398223	7283578	1.5	133.5	3.21	67	12.1	12.3	10.4	1.17	33.4	4.82	22.5
SEG01207	398714	7283545	1.06	181	1.27	92.1	6.8	14.1	9.58	1.34	50.7	5.71	31.8

SampleID	Easting	Northing	Be_ppm	Ce_ppm	Cs_ppm	La_ppm	Li_ppm	Nb_ppm	Sc_ppm	Ta_ppm	Th_ppm	U_ppm	Y_ppm
SEG01208	399172	7283645	1.11	142	2.05	71.8	7.9	12.05	8.86	1.13	35.9	4.82	27.1
SEG01209	399606	7283720	1.21	321	2.23	156.5	9.1	15.6	10.2	1.75	84.4	9.26	41.5
SEG01210	399934	7283471	1.22	207	2.51	105	10.5	13.35	9.39	1.24	52.7	6.47	32.3
SEG01211	400507	7283399	1.04	409	1.75	193	7.4	14.45	9.24	1.49	95.1	13.7	59
SEG01212	400692	7283435	1.29	234	3.26	116	12.2	12.5	9.42	1.17	54.9	7.97	33.6
SEG01213	400859	7283594	1.38	222	3.45	112.5	12.9	14.55	10.4	1.56	54.2	8.33	33.7
SEG01214	401379	7283518	1.28	129.5	3.06	65.4	11.3	11.1	9.04	1.06	32.6	4.87	22.4
SEG01215	401711	7283470	1.55	117.5	2.88	58.5	15.7	10.5	9.37	1.02	29.1	4.43	24.5
SEG01216	401771	7283090	1.55	173.5	2.72	85.5	14.3	11.3	9.86	1.31	37.9	6	27.2
SEG01217	401773	7282805	1.91	393	2.09	174	14.3	16.25	9.22	1.55	128	7.3	44
SEG01218	400940	7282669	1.64	500	1.96	330	12.5	24	13.05	2.87	206	16.5	81.1
SEG01219	401003	7282196	1.53	500	2.05	240	9.8	22.7	11.2	2.23	142.5	10.45	67.2
SEG01220	401150	7281910	1.52	134.5	2.31	66.4	11.3	13.3	9.44	1.21	33.5	4.15	25.9
SEG01221	401252	7281555	1.44	239	2.48	116	12.4	14.35	10.1	1.5	63	7.37	36.2
SEG01222	401451	7281217	1.25	239	2.15	116	12.1	13.2	9.88	1.29	60.7	6.49	32.2
SEG01223	401345	7281071	1.45	239	2.4	115	14.6	14.15	11.05	1.36	58	7.37	36.3

1 JORC CODE, 2012 EDITION – TABLE 1 REPORT TEMPLATE

1.1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

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.*	a. Based on historic data from select sources: **WAMEX A99061 (IGO 2013) Stream Sediments:** • Stream Sediment samples collected by IGO initially to verify earlier highly anomalous results recorded from diamond exploration sampling by De Beers. Samples were sieved to 177um (0.17mm) but not concentrated and recorded very high REE results. IGO also conducted some heavy media and magnetic separation on certain samples, which also recorded highly anomalous REE results. QEMSCAN Mineralogical studies indicated the presence of REE bearing minerals monazite and xenotime. **WAMEX A99061 (IGO 2013) Soil Samples:** • Soil sample results recorded in the body of the report for A99061 references elevated but not highly anomalous results using 4 acid digest. The data reported accompanying A99061 indicates that certain samples were reassayed using sodium fusion techniques to reliably assay. Whilst the report states that soil samples were not subjected to any preconcentration other than 177um (0.177mm) sieving, the sample preparation for the reassaying using sodium fusion techniques is not disclosed in the report and requires further verification. **VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments & rock chips:** Stream sediment samples were taken as 115 mesh (0.1-0.43mm) dry sieved samples from third order streams. Reconnaissance sampling with no fixed sample density. 250g-350g of stream sediment samples were collected in plastic bags. Rock chips collected in the field by a geologist during reconnaissance work. **WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments:** Stream sediment samples were collected from second and third order streams within the project area at a sample density of approximately 1-3 samples per

Criteria	JORC Code explanation	Commentary
		square kilometre. 50-150 gram samples of 80 mesh (-177 micron (0.177mm)) material was collected from across the active stream. NOTE: Stream sediment samples are a function of transportation by streams and certain hydrogeological trap sites will concentrate specific minerals. Stream Sediment samples can be used as an indicator of a catchment eroding a potential target, but are subject to various factors including extreme weather events, mechanical and erosional regime. Erosional regime, particularly deflation lag environments, (in situ erosion) as noted in A99061 can naturally concentrate minerals in the soil, and as such soil sampling is targeting tool but not a reliable indicator for mineralization beneath the surface. Further work is required to verify historic results.
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).*	• No drilling reported
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.*	• No drilling reported
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.*	• No drilling reported
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*	• No drilling reported • All sample data reported is based on historic data from select sources namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments.

Criteria	JORC Code explanation	Commentary
	maximise representivity of samples. • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Sample techniques are appropriate for regional exploration targeting only as streams and soil samples reported, neither is an 'in situ' technique. • Stream sediment samples are a function of transportation by streams and certain hydrogeological trap sites will concentrate specific minerals. Stream Sediment samples can be used as an indicator of a catchment eroding a potential target, but are subject to various factors including extreme weather events, mechanical and erosional regime. Erosional regime, particularly deflation lag environments, (in situ erosion) as noted in A99061 can naturally concentrate minerals in the soil, and as such soil sampling is targeting tool but not a reliable indicator for mineralization beneath the surface. Further work is required to verify historic results.
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.*	WAMEX A99061 (IGO 2013) Stream Sediments: It is reported that original samples were sieved (not concentrated) and assayed at Genalysis Laboratories in Perth using aqua regia. In addition non-magnetic fraction concentration using Wilfey Table and Tetrabromide verified anomalous REE results. Data reported that accompanies A99061 shows that samples were reported using sodium peroxide fusion for full REE analysis by Genalysis Laboratories, Perth using FP6MS method. WAMEX A99061 (IGO 2013) Soil Samples: It is reported that original samples were sieved (not concentrated) and assayed at Genalysis Laboratories in Perth using aqua regia with a peak value of 617ppm TREE. Data reported that accompanies A99061 shows that 17 samples were reassayed using sodium peroxide fusion for full REE analysis by Genalysis Laboratories, Perth using FP6MS techniques; though the report does not state whether these 17 samples were preconcentrated in the same method as the streams. Quality control procedures are not reported. VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments: It is reported: All stream sediment and rock chip samples were analysed at Intertek Genalysis, Perth, for 48 elements plus 12 additional rare earth elements (REE) using Mixed Acid Digest/ICPMS. Method code 4A/MS. Quality control procedures at Intertek Genalysis include certified

Criteria	JORC Code explanation	Commentary
		reference materials and/or laboratory in-house controls, blanks, splits and replicates. The exception is 1 sample (20115219) assayed using XRF methods WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments: It is reported that samples were analysed by ALS Laboratories in Perth by method ME-MS61L for 48 elements. Significantly, this technique only reports REE for Ce and La, plus Sc and Y. Quality control procedures not recorded. GEOPHYSICS AND REMOTE SENSING: Data presented for thorium radiometrics is based on the Western Australia 80m grid radiometrics compilation publicly available from the Geological Survey of Western Australia. This a compilation of multiple surveys, with variable instrumentation. Data coloured scaled to highlight comparable Th radiometric response when compared to known REE prospects and deposits at Yangibana. Data presented for satellite aerial imagery is as available via MapInfo software, and is the same photorealistic sirface data presented as publicly available via https://www.bing.com/maps/aerial. b.
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.*	c. All sample data reported is based on historic data from select sources namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments. • In the case of A99061, it is reported that stream sediment sampling followed up and confirmed highly anomalous REE results detected by De Beers exploration. • Work by Venus Metals largely confirmed and checked earlier work by Arrow Minerals ltd. • Odessa Minerals nor the competent person has field-checked and verified the data reported herein. Exploration plans are in preparation to check data.
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.*	d. All sample data reported is based on historic data from select sources namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and

Criteria	JORC Code explanation	Commentary
	• *Quality and adequacy of topographic control.*	A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments. e. All sample data is reported in Grid system (GDA94) MGA94 Zone 50 and has been cross-checked against drainage patterns to ascertain accuracy. All original samples were reported as located using handheld GPS
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.*	• Data reported, as per the original sources, is for soil and stream sediment sampling and is not sufficient to establish geological continuity and is not appropriate for Mineral Resource and Ore Reserve Estimation.
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.*	• As these are stream sediment and soil samples, their location reference to geological structure is governed by sample availability rather than geological structure
Sample security	• *The measures taken to ensure sample security.*	f. All sample data reported is based on historic data from select sources namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments. • Venus Metals reports that all samples were sent directly to Perth by personnel, though the full sample security protocols for all primary sources cannot be verified.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	g. All sample data reported is based on historic data from select sources namely WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments. • The results presented have been reviewed by Competent Person, OD4 Noonies and Geochemical Services Pty Ltd who make the following comments: • Sample techniques are appropriate for regional exploration targeting only. • The use of historic results should be conducted with caution and should be

Criteria	JORC Code explanation	Commentary
		verified with further field work. • In the case of soil samples reported in WAMEX A99061, the data reported accompanying the report indicates that some samples were reassayed with sodium fusion, but sample preparation of these samples is not disclosed in the body of the report.

1.2 Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• EL09/2649 is an exploration license application in the name of Milford Resources Pty Ltd. Milford Resources has entered into an agreement to transfer the tenement to OD4 Noonies Pty Ltd. Ministerial consent is required to transfer the tenement in the first year of the license. • In turn, the board of OD4 Noonies has entered into a binding agreement to sell OD4 Noonies to Odessa Minerals. As well as the terms outlined in the body of the release, there is a 1% royalty payable to an associated entity of OD4 Noonies on future production.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	h. All sample data reported is based on historic data from select sources namely **WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments.** • All previous exploration work indicates the presence of anomalous REE.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The project area is underlain by Proterozoic rocks of the Gascoyne province of Western Australia. Rock types included Durlacher Super Suite Granitoids, Moogie Metamorphics (meta sediments) and Thirty Three Supersuite leucogranites. • Based on rock type, radiometrics and geochemical anomalism the tenement area is prospective for carbonatite hosted rare earth elements comparable in style to the Yangibana Deposit located to the north in a similar geological setting. • Based on the presence of Thirty Three super suite granitoids intruding Durlacher Supersuite, the project area is prospective for lithium bearing pegmatites analogous to the nearby Yinnetharra Pegmatite field.

Criteria	JORC Code explanation	Commentary

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *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.*
		• No drilling reported.

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.*	i. All sample data reported is based on historic data from select sources namely **WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments.** • No averaging or cutting is reported by previous explorers. The averaging of 17 soil samples from A99061 presented in the body of this report is an arithmetic mean of all samples as recorded in the data submitted and A99061 and as documented in Table A.3. • TREE (total rare earth elements) reported in tables is the element assay for all reported assay results of rare earth group of 15 elements being namely cerium (Ce), dysprosium (Dy), erbium (Er), europium (Eu), gadolinium (Gd), holmium (Ho), lanthanum (La), lutetium (Lu) neodymium (Nd), praseodymium (Pr), promethium (Pm), Samarium (Sm), terbium (Tb), thulium (Tm), ytterbium (Yb); plus 2 other closely related elements namely scandium (Sc) and Yttrium (Y). • TREO (total rare earth oxides) in table A.4 is as reported by Venus Metals is as disclosed by VMC: "Some of the REE results are presented as oxides with conversion factors applied to convert from element to oxide. Conversion factors used are published online by James Cook University, Townsville. TREO+Y refers to the sum of all analysed REE element plus yttrium (Y), converted to oxide. In this report this represents the sum of the Light

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		REE oxides La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, and the Heavy REE oxides Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, plus Y2O3." • In the reference to the "LCT Index": The LCT Index is a model based on a series of ratios and indices designed to test for the Prospectivity of lithium-cesium-tantalum (LCT) pegmatites. This is a multi element technique using assay result for pegmatite indicators such as lithium, cesium, tantalum, niobium, rubidium. The indices and ratios used is proprietary and secret to Geochemical Services Pty Ltd, a highly reputable expert in the field, but cannot be disclosed in this release. As with all geochemical anomalism, any anomaly whether by single assay chemistry or by indices is a targeting tool and not necessarily a reliable proof of economic mineralization.
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').*	• No drilling reported
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.*	• Maps included in the body of this release.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All sample data presented is of an historic nature and is as presented by the primary source information recorded in this release. These data are yet to be verified by Odessa Minerals
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.*	j. All sample data reported is based on historic data from select sources namely **WAMEX A99061 (IGO 2013) Stream Sediments; WAMEX A99061 (IGO 2013) Soil Samples; VENUS METALS PRESS RELEASE (28 Jan 2021) and A128133 (2021) Stream Sediments; WAMEX A117396 (ARROW MINERALS 2018) Stream Sediments.** k. l. The data compilations presented in the body of the release has contextualized the information in relation to thorium radiometrics and the

Criteria	JORC Code explanation	Commentary
		regional geological maps as presented by the Geological Survey of Western Australia.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Once the tenement is granted, Odessa Minerals is planning on conducting field reconnaissance work including verification sampling of historic results. Dependent on results of verification sampling, the project area will be subjected to reconnaissance drilling.

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