

12 June 2024

## 17.65% NIOBIUM & EXCEPTIONAL REE RESULTS FROM IN-SITU SOURCE AT WABLI CREEK PROJECT

### HIGHLIGHTS

- **In-situ or bedrock source** of high-grade Niobium (Nb) and Rare Earth Elements (REE) has been discovered during the latest program of rock chip sampling at Wabli Creek, Gascoyne, W.A.
- The recently identified ovoid late-stage intrusive feature (ASX Announcement 28 May 2024) is considered the likely parental source of the **Nb-Y-Ta-Ti-REE enriched pegmatites** at Wabli Creek. Further, geochemistry indicates that a **carbonatite association cannot be ruled out in addition to the pegmatites**.
- This ovoid intrusive feature is younger than the surrounding country rock, with a **diameter in excess of 3km's and a circumference greater than 8km's**.
- Granitic pegmatite is now confirmed as a **primary source of mineralisation** with in-situ assay results including:
  - **17.65% Nb<sub>2</sub>O<sub>5</sub>, 0.15% Y<sub>2</sub>O<sub>3</sub>, 10.81% Ta<sub>2</sub>O<sub>5</sub>, 31.39% TiO<sub>2</sub>, 0.37% TREO (24WRCK049)**
  - **13.22% Nb<sub>2</sub>O<sub>5</sub>, 0.13% Y<sub>2</sub>O<sub>3</sub>, 6.27% Ta<sub>2</sub>O<sub>5</sub>, 18.97% TiO<sub>2</sub>, 1.13% TREO (24WRCK046)**
- **These outstanding results have been chipped straight off bedrock (in-situ)** and hold similar concentrations to the previously reported high grade weathered surface material (eluvial samples previously reported **32% Nb<sub>2</sub>O<sub>5</sub> and 2.57% TREO** -ASX Announcement 21 December 2023). **Importantly, the in-situ assay results taken straight from the bedrock were taken approximately 0.5km from the historically reported 32% Nb<sub>2</sub>O<sub>5</sub>**.
- The majority of the ovoid intrusive feature most prospective for Nb-Y-Ti-REE mineralisation (the margin zone), is poorly exposed and remains **under-explored**.
- **Detailed airborne magnetic and radiometric surveys** recently acquired are currently being interpreted by Southern Geoscience to identify and refine key priority targets for further exploration.
- **The Company is actively progressing its heritage discussions** with the Native Title custodians of the land and will return to site for additional sampling in the short term.

Reach Resources Limited (ASX: RR1 & RR1OA) (“Reach” or “the Company”) is pleased to advise that assay results from the latest field program at Wabli Creek **have identified a primary source of high grade Nb/REE mineralisation** previously only found in surface eluvial samples on site (Figure 2).

Most importantly, these latest high-grade assay results (17.65% Nb<sub>2</sub>O<sub>5</sub> and 13.22% Nb<sub>2</sub>O<sub>5</sub>) **confirm that the hard rock source material holds the same or similar high-grade concentrations as the weathered surface material (eluvial material)**, previously reported by the Company (32% Nb<sub>2</sub>O<sub>5</sub> and 2.57% TREO - ASX Announcement 21 December 2023). **Further, the in-situ samples have been chipped straight off the bedrock (in-situ) approximately 0.5km from the previously reported sample returning 32% Nb<sub>2</sub>O<sub>5</sub>.**



*Figure 1: Large black rock fragments chipped directly from the in-situ granitic pegmatite outcrop, Wabli Creek, Gascoyne, W.A (Sample – 24WRCK046).*



Located in the highly prospective Gascoyne Province of Western Australia, approximately 150km north of Gascoyne Junction, the Wabli Creek project has previously reported high grade niobium and TREO eluvial results up to 32% Nb<sub>2</sub>O<sub>5</sub> and 2.57% TREO (ASX Announcement 21 December 2023).

These latest in-situ results, in addition to the large ovoid intrusive feature (ASX Announcement 28 May 2024), provide a fundamental change in the prospectivity at Wabli Creek.

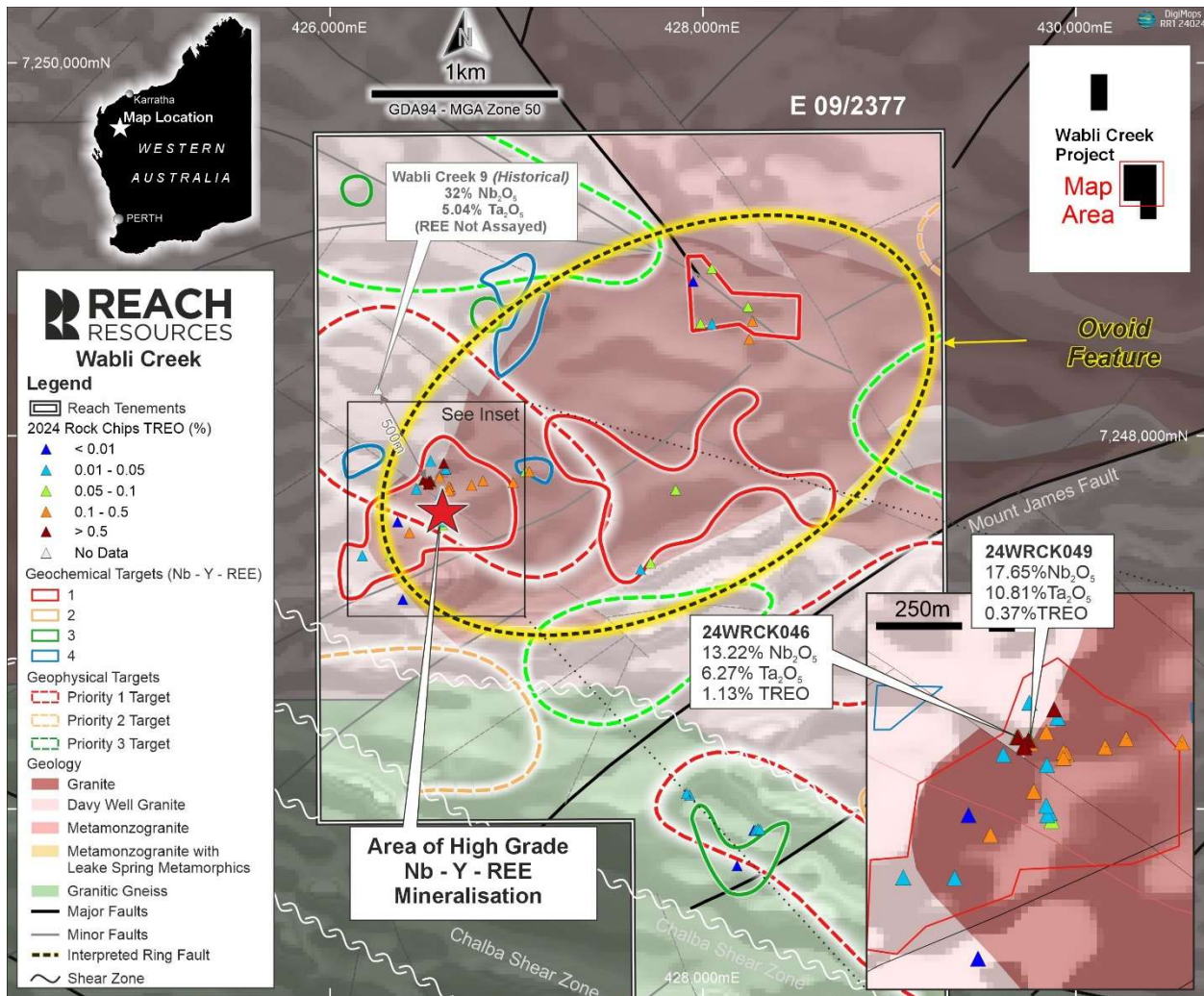


Figure 2: High grade assay results from granitic pegmatite collected at the margins of the late stage, ovoid intrusive feature, Wabli Creek, Gascoyne, W.A (24WRCK046 & 24WRCK049), including historical results approximately 0.5km away reporting 32% Nb<sub>2</sub>O<sub>5</sub> (ASX Announcement 21 December 2023).

During the Company's current program, a total of 49 rock chip samples were taken from Wabli Creek (E09/2377), during May 2024. Sampling was focused on the Priority 1 geochemical targets outlined by Sugden Geoscience (ASX Announcement 21 December 2023).

**During sampling an exposure of granitic pegmatite was uncovered and sampled (24WRCK046 and 24WRCK049), which has resulted in assays with similarly high grades of niobium, REE and titanium to those of the surface eluvium previously sampled.**

A summary of significant results is provided in **Table 1** and a full set of assay results is provided in **Appendix A**.

**Reach CEO, Jeremy Bower commented:**

*“This is a significant breakthrough for the Wabli Creek project.*

*It was not known whether the hard rock source material would hold the same or similar concentrations as the previously reported surface eluvium samples, however taking rock chips directly from the hard rock in-situ material and returning similar grades up to 17% Nb<sub>2</sub>O<sub>5</sub>, plus high grade REE and Titanium is extremely promising.*

*The recent identification of the late stage intrusive by Southern Geoscience showing the margins coincident with the geochemical targets adds weight to the theory we may have more high-grade material to discover.*

*Initial geochemistry indicates that the late stage intrusive has an alkali signature and is on the same continuum as a carbonatite, so further work is planned to investigate whether we also have a carbonatite source in addition to these rare earth pegmatites. We have now engaged Southern Geoscience to interpret detailed geophysical data covering the project area designed to pinpoint more pegmatites beneath cover.”*

NOTE: Tenements E09/2377 (Wabli Creek) and E09/2748 (Wabli Creek North) together comprise the Company’s Wabli Creek Project area, however, samples were only taken from Wabli Creek during this program.

**Next Steps:**

- **Southern Geoscience to complete interpretation of detailed radiometric, gravity and magnetic data from an airborne geophysical survey over the project area.**
- **Petrology analysis of the samples to determine mineral types.**
- **Mapping and further sampling.**
- **Heritage surveys.**
- **Drilling upon receipt of heritage and regulatory approvals.**

*This announcement has been authorised by the Board of Reach Resources Limited.*

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-ENDS-

**About Reach Resources Limited**

*Reach Resources is a critical mineral explorer with a large portfolio of tenements in the resource rich Gascoyne Mineral Field. Recent and historical exploration results have confirmed the presence of Lithium, REE, Niobium and Manganese across the Company's land holdings.*

*However, the Company is distinct from other pure explorers by also having an Inferred Gold Resource at Payne's Find and a significant investment in a downstream patented technology that recycles the rare earth elements from the permanent magnets required in electric vehicles, wind turbines, hard disk drives and MRI machines.*

**Competent Person's Statement**

*Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Mr Nicholas Revell, who is a Member of the Australian Institute of Geoscientists. Mr Revell is a consulting geologist for Reach Resources Limited. Mr Revell 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 in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Revell consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.*

**No New Information**

*Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.*

**Forward Looking Statements**

*This report contains forward looking statements concerning the projects owned by Reach Resources Limited. If applicable, statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward looking statements as a result of a variety of risks, uncertainties and other factors. Forward looking statements are based on management's beliefs, opinions and estimates as of the dates the forward looking statements are made and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.*

Table 1: Summary of Significant Assay Results, Wabli Creek, Gascoyne W.A.

SampleID	Type	HEAVY RARE EARTH OXIDES (HREO)													LIGHT RARE EARTH OXIDES (LREO)					TOTAL		
		Nb <sub>2</sub> O <sub>5</sub>	Ta <sub>2</sub> O <sub>5</sub>	TiO <sub>2</sub>	Tb <sub>4</sub> O <sub>7</sub>	Dy <sub>2</sub> O <sub>3</sub>	Ho <sub>2</sub> O <sub>3</sub>	Er <sub>2</sub> O <sub>3</sub>	Tm <sub>2</sub> O <sub>3</sub>	Yb <sub>2</sub> O <sub>3</sub>	Lu <sub>2</sub> O <sub>3</sub>	Y <sub>2</sub> O <sub>3</sub>	Eu <sub>2</sub> O <sub>3</sub>	Gd <sub>2</sub> O <sub>3</sub>	La <sub>2</sub> O <sub>3</sub>	CeO <sub>2</sub>	Pr <sub>6</sub> O <sub>11</sub>	Nd <sub>2</sub> O <sub>3</sub>	Sm <sub>2</sub> O <sub>3</sub>	HREO	LREO	TREO
		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
24WRCK039	ROCK	0.014	0.000	<b>1.92</b>	2.94	14.37	2.36	5.94	0.83	5.16	0.67	70.15	1.89	20.63	<b>314.16</b>	<b>300.44</b>	56.91	<b>188.21</b>	29.74	0.012	0.089	0.101
24WRCK040	ROCK	0.005	0.000	<b>1.12</b>	1.32	7.43	1.15	4.76	0.74	3.59	0.52	44.32	0.71	10.19	<b>140.16</b>	<b>274.76</b>	25.46	79.58	13.20	0.007	0.053	0.061
24WRCK044	ROCK	0.064	0.007	0.509	16.86	<b>114.82</b>	23.43	77.16	13.63	94.91	12.17	<b>243.15</b>	4.48	91.74	<b>1184.38</b>	<b>2266.17</b>	<b>229.44</b>	<b>718.49</b>	126.11	0.069	<b>0.452</b>	<b>0.522</b>
24WRCK045	ROCK	0.040	0.005	0.457	12.04	77.94	15.26	48.63	8.30	59.67	7.44	<b>153.10</b>	3.01	68.61	<b>1000.80</b>	<b>1954.43</b>	<b>194.16</b>	<b>595.04</b>	98.00	0.045	<b>0.384</b>	<b>0.430</b>
24WRCK046	ROCK	<b>13.219</b>	<b>6.266</b>	<b>18.97</b>	<b>128.49</b>	<b>1035.03</b>	<b>211.45</b>	<b>756.57</b>	<b>155.20</b>	<b>1272.84</b>	<b>160.35</b>	<b>1352.05</b>	9.77	<b>403.61</b>	<b>1354.88</b>	<b>2827.37</b>	<b>309.93</b>	<b>1024.19</b>	<b>334.32</b>	<b>0.549</b>	<b>0.585</b>	<b>1.134</b>
24WRCK049	ROCK	<b>17.645</b>	<b>10.808</b>	<b>31.39</b>	37.69	<b>301.64</b>	64.19	<b>230.53</b>	47.18	<b>414.92</b>	61.81	<b>1561.66</b>	10.58	<b>125.89</b>	<b>181.81</b>	<b>354.10</b>	42.46	<b>159.09</b>	76.26	<b>0.286</b>	0.081	<b>0.367</b>
24WRCK051	ROCK	<b>4.092</b>	<b>2.875</b>	<b>9.37</b>	4.58	30.91	6.11	20.76	3.86	29.07	3.63	65.57	1.70	25.30	<b>371.59</b>	<b>691.28</b>	73.42	<b>232.24</b>	37.40	0.019	0.141	0.160
24WRCK054	ROCK	0.034	0.009	<b>3.71</b>	5.55	28.02	4.55	11.81	1.74	10.88	1.33	<b>114.30</b>	5.56	39.93	<b>714.33</b>	<b>888.32</b>	<b>138.57</b>	<b>430.62</b>	63.67	0.022	<b>0.224</b>	0.246
24WRCK073	ROCK	0.013	0.004	<b>1.54</b>	0.67	3.70	0.65	1.97	0.32	2.63	0.35	13.87	0.28	4.46	92.48	<b>179.73</b>	17.43	52.87	7.62	0.003	0.035	0.038

TREO (Total Rare Earth Oxide) = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub> + Sm<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub>

HREO (Heavy Rare Earth Oxide) = Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub>

LREO (Light Rare Earth Oxide) = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub> + Sm<sub>2</sub>O<sub>3</sub>

TREO % ppm/10000

APPENDIX A

Sample Section 1

SAMPLEID	TYPE	COMP	MGA_X	MGA_Y	GDA20_X	GDA20_Y	ME_Method	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm	Eu_ppm	Fe_pct	Ga_ppm	Gd_ppm	Ge_ppm	Hf_ppm	
24WRCK032	ROCK	RR1	427927.8	7246073.21	427928.8	7246075	4A/MS	0.025	7.513	1.7	166.3	6.23	0.18	1.138	0.1	35.77	4.3	21	13.36	2.1	2.94	1.53	0.65	1.83	29.71	3.59	2.1	6.71	
24WRCK033	ROCK	RR1	427910.87	7246081.62	427911.9	7246083	4A/MS	0.025	8.122	1.6	662	1.63	0.09	2.756	0.06	137.13	15.8	119	8.14	1.2	3.11	0.84	1.27	4.48	20.12	6.44	1.7	3.67	
24WRCK034	ROCK	RR1	428182.48	7245694.75	428183.5	7245696	4A/MS	0.025	6.767	0.5	348.7	5.62	0.42	0.243	0.08	11.23	1.6	14	12.12	3.7	0.98	0.58	0.27	0.81	19.53	1.13	3.3	0.98	
24WRCK035	ROCK	RR1	427986.51	7248602.46	427987.5	7248604	4A/MS	0.025	7.022	0.6	960.5	6.9	0.92	0.512	0.06	122.72	0.7	7	18.45	5.4	13.74	10.37	0.75	1.1	24.27	10.32	2.7	2.59	
24WRCK036	ROCK	RR1	427852.83	7247710.19	427853.9	7247712	4A/MS	0.025	8.814	41.5	1540.4	5.78	0.08	0.159	0.23	184.05	34.5	16	2.29	17.8	9.41	6.51	1	42.31	1.74	9.05	1	0.76	
24WRCK037	ROCK	RR1	427717.83	7247318.86	427718.9	7247320	4A/MS	0.025	6.27	0.8	253.8	11.68	0.1	0.047	0.06	206.8	2.2	10	29.27	1.7	5.49	3.76	0.42	2.78	25.76	6.42	2	7.18	
24WRCK038	ROCK	RR1	427665.36	7247283.56	427666.4	7247285	4A/MS	0.025	4.024	1	338	8.78	0.08	0.027	0.06	128.79	13.1	58	37.04	2.2	3.96	1.71	0.92	3.85	11.86	5.97	2.6	2.68	
24WRCK039	ROCK	RR1	427067.49	7247808.53	427068.5	7247810	4A/MS	0.025	7.881	1.5	2245.5	4.33	0.03	0.024	0.09	244.58	41.6	127	110.96	2.2	12.52	5.19	1.63	14.06	39.9	17.9	3.7	2.05	
24WRCK040	ROCK	RR1	427047.1	7247809.44	427048.1	7247811	4A/MS	0.025	8.357	0.25	479.5	8.3	0.02	0.063	0.08	223.67	12	104	97.67	1.6	6.47	4.16	0.61	7.74	29.69	8.84	3.1	3.4	
24WRCK041	ROCK	RR1	426620.03	7247821.11	426621.1	7247823	4A/MS	0.025	9.036	0.7	753.2	15.91	0.05	0.032	0.05	176.24	7.1	5	79.44	1.5	5.79	4.58	0.34	4.72	38.82	5.01	3.3	9.15	
24WRCK042	ROCK	RR1	426501.13	7247764.55	426502.2	7247766	4A/MS	0.025	6.365	1.1	595.2	11.1	0.08	0.621	0.08	279.32	1.4	8	9.05	2.1	11.89	8.14	0.92	1.58	19.97	11.15	2.3	8.56	
24WRCK043	ROCK	RR1	426503.34	7247763.99	426504.4	7247765	4A/MS	0.025	7.798	1	197.3	17.7	0.09	0.433	0.07	79.64	0.4	6	4.82	0.9	3.91	2.6	0.47	0.66	23.51	2.88	3	2.92	
24WRCK044	ROCK	RR1	426503.98	7247764.27	426505	7247766	4A/MS	0.025	8.718	1.6	635.2	15.43	0.32	0.345	0.02	1844.81	2.3	18	16.62	1.4	100.04	67.48	3.87	5.02	50.13	79.59	2.9	62.9	
24WRCK045	ROCK	RR1	426507.81	7247763.16	426508.8	7247765	4A/MS	0.025	3.273	1.1	555.3	5.81	0.21	0.225	0.01	1591.04	1.1	19	9.17	1.1	67.91	42.53	2.6	3.41	28.51	59.53	2.3	45.42	
24WRCK046	ROCK	RR1	426534.79	7247755.07	426535.8	7247757	4A/MS	0.025	4.505	1.4	299.2	9.17	8.5	0.322	0.25	2301.67	2.2	3	5.81	2.4	901.83	661.63	8.44	3.28	13.92	350.17	1.9	18.15	
24WRCK047	ROCK	RR1	426537.65	7247760.7	426538.7	7247762	4A/MS	0.06	6.878	1.4	708.2	8.77	0.22	0.622	0.06	288.23	1.9	13	9.1	7.5	16.11	10.91	1.15	1.69	20.23	13.99	2.8	6.17	
24WRCK048	ROCK	RR1	426539.38	7247753.19	426540.4	7247755	4A/MS	0.025	7.709	2.5	769	6.97	0.36	0.548	0.09	375.8	6.7	34	10.16	14.9	22.96	15.22	1.83	3.19	23.62	21.28	2.3	5.6	
24WRCK049	ROCK	RR1	426540.85	7247746.77	426541.9	7247748	4A/MS	0.025	2.077	0.7	208.2	6.14	0.95	0.191	0.31	288.26	2.2	7	1.3	3.4	262.82	201.6	9.14	4.41	10.83	109.22	1.4	19.33	
24WRCK050	ROCK	RR1	426588.85	7247683.32	426589.9	7247685	4A/MS	0.025	2.372	1	122.9	20.23	0.06	0.143	0.26	59.73	24.2	75	0.12	361.1	11.47	7.97	1.77	47.41	4.22	9.82	0.9	0.35	
24WRCK051	ROCK	RR1	426586.78	7247778.47	426587.8	7247780	4A/MS	0.025	0.505	2.4	196	2.87	0.62	0.018	0.41	562.75	8.7	37	0.74	6.3	26.93	18.15	1.47	38.42	119.78	21.95	3.2	34.21	
24WRCK052	ROCK	RR1	428046.78	7248896.98	428047.8	7248898	4A/MS	0.025	6.317	0.6	569.8	8.77	0.07	0.156	0.04	186.85	1.4	7	21.98	2.1	6.94	5.22	0.62	1.99	20.5	6.62	2.1	8.02	
24WRCK053	ROCK	RR1	428241.22	7248692.07	428242.2	7248694	4A/MS	0.025	6.428	0.8	431.2	7.88	0.14	0.427	0.07	310.27	2.1	7	15.37	6.8	11.88	8.45	0.96	2.52	19.02	10.38	2.1	6.78	
24WRCK054	ROCK	RR1	428264.46	7248614.21	428265.5	7248616	4A/MS	0.025	2.128	139.5	379.7	4.17	4.4	0.049	0.22	723.15	89.5	519	0.18	137.9	24.41	10.33	4.8	53.72	28.93	34.64	1.9	3.95	
24WRCK055	ROCK	RR1	428247.34	7248517.65	428248.4	7248519	4A/MS	0.025	6.992	0.8	1642.3	1.65	0.06	0.088	0.07	663.14	2.2	6	12.39	4.5	12.13	4.37	2.16	0.36	20.33	15.34	3.1	0.44	
24WRCK056	ROCK	RR1	428047.39	7248598.94	428048.4	7248600	4A/MS	0.025	4.921	0.6	235.8	3.96	0.02	0.124	0.06	48.73	0.4	7	5.04	2	3.17	2.69	0.2	0.44	16.57	2.01	3	1.65	
24WRCK057	ROCK	RR1	427946.76	7248827.48	427947.8	7248829	4A/MS	0.025	9.556	0.7	311	2.79	0.13	0.023	0.07	10.63	0.3	3	12.92	1.1	0.49	0.3	0.46	0.18	23.4	0.41	4.4	0.14	
24WRCK058	ROCK	RR1	428272.2	7245884.83	428273.2	7245886	4A/MS	0.025	7.88	0.8	87.5	36.81	0.25	0.392	0.08	10.1	3.8	15	19.52	2.5	1.08	0.63	0.16	1.34	21.93	0.8	4.1	2.74	
24WRCK059	ROCK	RR1	428280.19	7245884.98	428281.2	7245886	4A/MS	0.025	8.456	0.6	115.4	9.52	0.24	0.807	0.06	34.2	3.3	21	16.77	1.7	4.36	2.43	0.62	1.78	26.14	3.57	2.3	3.41	
24WRCK060	ROCK	RR1	428293.22	7245891.9	428294.2	7245893	4A/MS	0.025	7.691	0.6	235.4	8.66	0.5	0.744	0.07	38.16	4.1	31	14.29	2.1	4.64	2.58	0.7	1.66	25.2	3.95	2.1	4.79	
24WRCK061	ROCK	RR1	428305.89	7245888.76	428306.9	7245890	4A/MS	0.025	8.093	0.6	199	8.95	0.98	0.554	0.06	23.34	4.1	19	8.24	3.4	3.79	2.13	0.47	2	23.48	2.92	2	5.24	
24WRCK062	ROCK	RR1	426550.62	7247606.95	426551.6	7247608	4A/MS	0.11	2.821	19	1832.6	1.46	11.08	0.05	0.2	404.47	7.9	758	0.17	24.6	18.94	8.04	4.04	55.85	45.05	27.18	2	4.76	
24WRCK063	ROCK	RR1	426602.51	7247522.12	426603.5	7247524	4A/MS	0.025	5.385	1	246.6	4.26	0.1	0.551	0.06	266.68	0.9	11	13.7	1.5	17.76	13.94	0.71	0.96	20.49	11.45	3.1	5.11	
24WRCK064	ROCK	RR1	426596.53	7247544.63	426597.6	7247546	4A/MS	0.025	5.308	0.8	310.1	7.52	0.07	0.286	0.06	65.28	0.5	15	6.68	1.1	1.52	1.9	1.34	0.43	0.56	17.46	2	2.7	1.44
24WRCK065	ROCK	RR1	426589.66	7247538.57	426590.7	7247540	4A/MS	0.025	4.046	1.1	241.6	2.4	0.04	0.099	0.07	142.28	20	58	49.32	6.9	1.58	0.97	0.14	6.74	22.42	1.66	2.3	0.59	
24WRCK066	ROCK	RR1	426586.64	7247565.75	426587.7	7247567	4A/MS	0.025	6.037	1	432.4	4.83	0.71	0.248	0.07	62.08	0.6	13	8.38	0.9	3.53	2.78	0.5	0.73	18.5	2.45	2.6	1.56	
24WRCK067	ROCK	RR1	426425	7247481	426426	7247482	4A/MS	0.11	2.555	17.6	359.1	1.46	9.78	0.047	0.15	226.1	14.6	795	0.15	23.3	11.48	4.86	2.83	58.6	44.15	16.49	2.1	4.61	
24WRCK068	ROCK	RR1	426320.95	7247356.06	426322	7247358	4A/MS	0.025	4.279	0.6	382.3	1.83	0.08	0.006	0.06	87.17	11.1	9	60.5	1.6	3.12	1.99	0.27	5.23	21.52	3.05	2.1	3.53	
24WRCK069	ROCK	RR1	426388.87	7247121.74	426389.9	7247123	4A/MS	0.025	2.005	0.6	462.2	1	0.04	0.008	0.07	23.85	6	20	19.16	1.6	1.22	0.71	0.15	3.02	9.91	1.41	1	0.93	
24WRCK070	ROCK	RR1	426171.68	7247357.03	426172.7	7247359	4A/MS	0.025	5.603	1.1	148.6	7.62	43.42	0.288	0.07	158.7	1.4	5	7.01	1.6	5.72	4.75	0.23	0.53	25.79	4.48	5.4	2.47	
24WRCK071	ROCK	RR1	426361.13	7247538.14	426362.2	7247540	4A/MS	0.025	6.404	0.9	348.5	1.33	0.18	0.028	0.07	22.16	0.3	9	7.3	1.2	0.64	0.43	0.53	0.4	13.04	0.5	2.8	0.26	
24WRCK072	ROCK	RR1	426537.92	7247864.08	426538.9	7247866	4A/MS	0.025	6.806	0.9	352.7	7.07	0.38	0.267	0.06	138.69	0.9	9	23.84	4	12.88	10.24	0.49	1.25	30.19	7.6	2.8	4	
24WRCK073	ROCK	RR1	426462.03	7247714.07	426463.1	7247716	4A/MS	0.025	0.613	16.3	77.2	3.84	4.54	0.028	0.09	146.31	19.2	14	1.5	58.5	3.22	1.72	0.24	44.51	106.84	3.87	4.6	4.16	
24WRCK074	ROCK	RR1	426645.7	7247714.93	426646.7	7247716	4A/MS																						

24WRCK044	ROCK	RR1	426503.98	7247764.27	426505	7247766	4A/MS	20.45	0.2	3.03	1009.87	65.7	10.7	0.255	587	0.8	2.777	447.35	615.99	3.3	1015	82.9	189.9	439.6	0.003	0.025	0.09	13.5
24WRCK045	ROCK	RR1	426507.81	7247763.16	426508.8	7247765	4A/MS	13.32	0.08	1.447	853.34	32.1	6.54	0.095	321	1.6	0.684	276.28	510.15	1.4	840	60	160.7	222.65	0.003	0.025	0.11	5.6
24WRCK046	ROCK	RR1	426534.79	7247755.07	426535.8	7247757	4A/MS	184.59	0.18	2.095	1155.25	4.3	141.02	0.035	3277	3	2.282	92410.5	878.08	1	158	614	256.52	180.99	0.001	0.025	2.99	9
24WRCK047	ROCK	RR1	426537.65	7247760.7	426538.7	7247762	4A/MS	3.36	0.03	4.605	170.29	14.9	2.01	0.101	235	1.3	2.503	158.87	102.51	2.9	113	76.8	30.46	344.82	0.001	0.025	1.15	2.9
24WRCK048	ROCK	RR1	426539.38	7247753.19	426540.4	7247755	4A/MS	4.72	0.08	3.505	252.38	29.6	2.6	0.305	436	1.3	1.468	140.28	150.74	11.4	265	62.6	44.5	321.16	0.001	0.025	0.24	9.2
24WRCK049	ROCK	RR1	426540.85	7247746.77	426541.9	7247748	4A/MS	56.04	0.16	0.418	155.02	3.3	54.36	0.024	3727	2.3	1.323	123351	136.39	1.4	25	169.4	35.14	44.2	0.001	0.025	6.7	15.6
24WRCK050	ROCK	RR1	426588.85	7247683.32	426589.9	7247685	4A/MS	2.47	0.02	0.029	25.48	3.3	1.35	0.118	371	2.7	0.033	20.55	30.44	87	7080	26.9	6.97	1.86	0.001	0.11	0.025	18.3
24WRCK051	ROCK	RR1	426586.78	7247778.47	426587.8	7247780	4A/MS	5.33	0.11	0.121	316.84	3.3	1.19	0.022	1499	5.1	0.019	28606.2	199.11	11.3	402	53.4	60.77	16.39	0.016	0.025	2.01	5.9
24WRCK052	ROCK	RR1	428046.78	7248896.98	428047.8	7248898	4A/MS	1.49	0.13	3.103	99.92	103.2	1.02	0.725	380	1.6	1.719	46.31	63.03	1.4	110	27.9	19.04	485.44	0.001	0.025	0.08	3.3
24WRCK053	ROCK	RR1	428241.22	7248692.07	428242.2	7248694	4A/MS	2.54	0.05	5.12	123.32	50.5	1.45	0.058	483	0.8	1.567	65.3	71.79	2.8	226	92.3	21.55	453.97	0.001	0.025	0.08	3.5
24WRCK054	ROCK	RR1	428264.46	7248614.21	428265.5	7248616	4A/MS	3.97	0.19	0.069	609.08	4	1.17	0.054	3464	5.6	0.024	235.02	369.19	178.5	1417	176.2	114.69	4.33	0.001	0.05	1.01	32.1
24WRCK055	ROCK	RR1	428247.34	7248517.65	428248.4	7248519	4A/MS	1.85	0.005	6.889	242.21	6	0.37	0.234	203	0.2	0.539	4.84	155.1	3.4	54	202	47.01	509.27	0.001	0.025	0.06	1.2
24WRCK056	ROCK	RR1	428047.39	7248598.94	428048.4	7248600	4A/MS	0.74	0.005	4.782	17.09	5.2	0.51	0.016	55	0.7	3.272	17.09	12.24	1.1	25	50.4	3.45	317.9	0.001	0.025	0.08	0.7
24WRCK057	ROCK	RR1	427946.76	7248827.48	427947.8	7248829	4A/MS	0.1	0.005	5.678	6.02	1.1	0.06	0.007	40	0.2	1.739	2.25	2.38	0.8	25	155.5	0.74	461.76	0.001	0.025	0.12	0.1
24WRCK058	ROCK	RR1	428272.2	7245884.83	428273.2	7245886	4A/MS	0.2	0.005	1.199	4.03	7.7	0.15	0.29	361	0.8	4.308	10.02	3.55	7.4	627	21.1	1.02	88.55	0.001	0.025	0.17	1.5
24WRCK059	ROCK	RR1	428280.19	7245884.98	428281.2	7245886	4A/MS	0.78	0.01	1.053	16.42	10.5	0.42	0.299	578	0.9	3.521	16.45	15.81	6.4	1279	20.7	4.19	78.93	0.001	0.025	0.12	2.9
24WRCK060	ROCK	RR1	428293.22	7245891.9	428294.2	7245893	4A/MS	0.86	0.02	1.383	19.86	13	0.48	0.363	411	0.7	0.659	22.87	18.51	7.8	1047	19.2	4.9	93.18	0.001	0.025	0.14	4.8
24WRCK061	ROCK	RR1	428305.89	7245888.76	428306.9	7245890	4A/MS	0.7	0.02	0.702	12.94	7.3	0.47	0.476	267	0.7	3.585	11.08	11.62	8.3	250	13.7	3.08	59.76	0.001	0.025	0.18	2.7
24WRCK062	ROCK	RR1	426550.62	7247606.95	426551.6	7247608	4A/MS	3.1	0.24	0.038	509.35	5.2	0.91	0.03	446	8	0.012	283.19	307.53	17.2	756	96.6	97.06	3.05	0.001	0.11	1.02	31.2
24WRCK063	ROCK	RR1	426602.51	7247522.12	426603.5	7247524	4A/MS	3.99	0.08	4.148	102.14	81.4	3.14	0.053	265	1.1	1.061	56.64	65.29	1.2	86	52.5	19.35	405.04	0.001	0.025	0.14	3.1
24WRCK064	ROCK	RR1	426596.53	7247544.63	426597.6	7247546	4A/MS	0.4	0.04	3.528	32.1	29.6	0.25	0.03	131	1.5	2.06	13.96	17.6	0.7	25	50.5	5.51	289.03	0.001	0.025	0.13	2
24WRCK065	ROCK	RR1	426589.66	7247538.57	426590.7	7247540	4A/MS	0.32	0.18	3.48	21.7	373.1	0.15	1.965	1837	2.6	0.054	34.11	13.06	40.6	66	8.3	3.95	761.73	0.001	0.025	0.11	5.7
24WRCK066	ROCK	RR1	426586.64	7247565.75	426587.7	7247567	4A/MS	0.8	0.04	4.947	26.33	26.5	0.63	0.04	154	1.4	1.661	15.08	14.55	0.9	25	68.4	4.45	393.61	0.001	0.025	0.13	2.5
24WRCK067	ROCK	RR1	426425	7247481	426426	7247482	4A/MS	1.85	0.24	0.035	293.33	3.2	0.5	0.027	485	7.9	0.005	42.09	195.83	43.6	594	71.3	61.72	2.43	0.001	0.05	0.97	31.2
24WRCK068	ROCK	RR1	426320.95	7247356.06	426322	7247358	4A/MS	0.65	0.08	4.803	43.37	655.6	0.37	5.321	1189	0.9	0.039	17.46	25.46	5.8	92	6.5	7.64	918.03	0.001	0.025	0.06	3.5
24WRCK069	ROCK	RR1	426388.87	7247121.74	426389.9	7247123	4A/MS	0.24	0.01	2.131	16.02	62.6	0.12	2.307	476	2.1	0.015	5.13	9.75	5.4	25	2.2	2.82	352.98	0.001	0.025	0.06	1.9
24WRCK070	ROCK	RR1	426171.68	7247357.03	426172.7	7247359	4A/MS	1.26	0.03	3.373	32.69	5	1.17	0.018	1009	0.9	3.758	40.8	25.85	1	63	53.9	7.18	311.2	0.001	0.025	0.1	1.6
24WRCK071	ROCK	RR1	426361.13	7247538.14	426362.2	7247540	4A/MS	0.14	0.005	6.73	6.2	2.6	0.09	0.01	63	1.1	1.112	3.74	3.37	1.1	25	108.6	0.98	480.55	0.001	0.025	0.11	0.2
24WRCK072	ROCK	RR1	426537.92	7247864.08	426538.9	7247866	4A/MS	2.96	0.17	5.58	58.65	64.6	2.37	0.074	406	1	0.427	65.89	38.32	1.1	72	55.5	11.15	517.88	0.001	0.025	0.17	7.2
24WRCK073	ROCK	RR1	426462.03	7247714.07	426463.1	7247716	4A/MS	0.57	0.09	0.252	78.68	8.2	0.31	0.025	2202	3.8	0.019	93.27	45.33	10.5	159	92.4	14.43	38.48	0.001	0.025	0.41	1.5
24WRCK074	ROCK	RR1	426645.7	7247714.93	426646.7	7247716	4A/MS	1.67	0.26	0.038	301.15	4.3	0.44	0.022	254	10.6	0.006	20.87	186.88	11.8	593	74.7	59.25	2.53	0.001	0.08	1.1	31.1
24WRCK076	ROCK	RR1	429102	7247192	429103	7247193	4A/MS	0.05	0.005	0.243	2.48	2	0.03	11.193	14	0.6	0.152	2.24	1.68	0.9	52	4.3	0.49	13.43	0.001	0.06	0.025	0.8
24WRCK077	ROCK	RR1	429132	7247192	429133	7247193	4A/MS	0.07	0.005	0.417	3.51	2.5	0.03	10.501	19	0.5	0.154	2.62	2.36	1.1	51	6.1	0.66	22.44	0.001	0.07	0.025	1
24WRCK078	ROCK	RR1	429132	7247197	429133	7247198	4A/MS	0.14	0.005	0.57	7.49	5.1	0.06	6.555	23	0.5	0.167	3.22	4.65	1.6	25	6	1.22	31.92	0.001	0.1	0.025	1.2
24WRCK079	ROCK	RR1	429160	7247200	429161	7247201	4A/MS	0.08	0.005	0.375	3.34	2.8	0.03	10.633	25	0.5	0.118	2.44	2.09	1	55	4.7	0.57	18.84	0.001	0.06	0.025	0.7
24WRCK080	ROCK	RR1	429190	7247181	429191	7247182	4A/MS	0.12	0.005	1.157	1.62	1.7	0.12	0.157	94	1	3.599	2.1	1.17	2	25	37.1	0.34	65.32	0.001	0.025	0.12	0.6
24WRCK081	ROCK	RR1	422002	7254240	422003	7254241	4A/MS	0.05	0.005	0.142	1.66	1.7	0.02	11.476	49	0.5	0.048	1.12	1.37	1.1	25	3.3	0.35	7.74	0.001	0.025	0.025	0.6

Sample Section 3

SAMPLEID	TYPE	COMP	MGA_X	MGA_Y	GDA20_X	GDA20_Y	ME_Method	Se_ppm	Sm_ppm	Sr_ppm	Ta_ppm	Tb_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	Tm_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Yb_ppm	Zn_ppm	Zr_ppm	TREO_ppm	LREO_ppm	HREO_ppm	
24WRCK032	ROCK	RR1	427927.8	7246073.21	427928.8	7246075	4A/MS	0.25	4.73	3.3	31.64	8.93	0.56	0.1	12.57	0.095	1.23	0.3	8.07	29	27.3	13.09	2.68	23	131.3	124.25579	97.31407	26.941722
24WRCK033	ROCK	RR1	427910.87	7246081.62	427911.9	7246083	4A/MS	0.25	9.88	8.1	92.06	1.71	0.71	0.1	17.38	0.396	0.57	0.1	52.27	124	29	10.32	0.55	34	132	375.42086	355.6604	19.760425
24WRCK034	ROCK	RR1	428182.48	7245694.75	428183.5	7245696	4A/MS	0.25	1.23	5.2	53.27	6.29	0.16	0.1	2.53	0.046	1.68	0.11	2.07	21	11.3	4.92	0.84	12	18.9	42.871887	33.18869	9.683199
24WRCK035	ROCK	RR1	427986.51	7248602.46	427987.5	7248604	4A/MS	0.25	10.47	39.3	29.68	6.51	1.92	0.1	37.7	0.064	2.76	1.89	5.05	4	20.5	102.03	14.77	23	64.2	542.69997	358.3044	184.39561
24WRCK036	ROCK	RR1	427852.83	7247710.19	427853.9	7247712	4A/MS	1.4	10.47	1.6	23.59	0.62	1.41	0.1	16.49	0.018	0.24	1.04	44.05	107	19	63.27	7.41	53	26	561.78098	448.385	113.39595
24WRCK0																												



24WRCK060	ROCK	RR1	428293.22	7245891.9	428294.2	7245893	4A/MS	0.25	4.24	2.6	54.38	7.33	0.73	0.1	10.5	0.066	0.57	0.45	6.13	20	12.7	23.58	3.45	27	130.8	153.00806	107.9555	45.052535
24WRCK061	ROCK	RR1	428305.89	7245888.76	428306.9	7245890	4A/MS	0.25	3.16	1.4	45.01	4.79	0.6	0.1	9.06	0.049	0.41	0.39	8	16	5.5	19.95	3.13	39	128.3	106.86652	68.69442	38.1721
24WRCK062	ROCK	RR1	426550.62	7247606.95	426551.6	7247608	4A/MS	4.1	45.47	10.9	25.72	167.56	3.57	0.6	146.86	0.43	0.05	1.16	11.89	1097	24.9	75.07	7.34	36	162.9	1803.6166	1658.884	144.7326
24WRCK063	ROCK	RR1	426602.51	7247522.12	426603.5	7247524	4A/MS	0.25	12.07	28.1	19.69	12.07	2.34	0.1	77.3	0.047	2.03	2.59	12.71	6	16	98.55	20.77	16	133.8	773.89211	574.915	198.97715
24WRCK064	ROCK	RR1	426596.53	7247544.63	426597.6	7247546	4A/MS	0.25	2.66	14.7	28.09	1.79	0.3	0.1	24.59	0.02	1.71	0.21	1.2	4	7.4	9.16	1.69	8	39.8	169.51185	150.9068	18.605043
24WRCK065	ROCK	RR1	426589.66	7247538.57	426590.7	7247540	4A/MS	0.25	2.18	57.6	3.04	1.86	0.25	0.1	7.91	0.265	3.94	0.15	1.82	71	10.3	10.65	1.02	216	19.2	243.44121	224.8299	18.61131
24WRCK066	ROCK	RR1	426586.64	7247565.75	426587.7	7247567	4A/MS	0.25	2.49	15.8	30.5	1.65	0.47	0.1	19.68	0.029	2.21	0.49	2.03	4	7.2	25.88	4.1	13	43.7	183.28362	135.7736	47.510013
24WRCK067	ROCK	RR1	426425	7247481	426426	7247482	4A/MS	3.3	29.11	6.3	10.54	23.59	2.23	0.8	123.35	0.414	0.06	0.69	7.64	1047	16.2	42.94	4.18	50	150.5	1064.8852	980.7629	84.122268
24WRCK068	ROCK	RR1	426320.95	7247356.06	426322	7247358	4A/MS	0.25	4.24	26.4	2.34	2.03	0.49	0.1	41.1	0.071	4.69	0.35	1.99	16	4.4	15.38	2.59	136	100.1	236.0897	205.6112	30.478507
24WRCK069	ROCK	RR1	426388.87	7247121.74	426389.9	7247123	4A/MS	0.25	1.62	8.4	3.52	0.72	0.22	0.1	12.4	0.04	1.77	0.12	0.88	11	0.5	6.83	0.81	41	26.3	79.156289	66.54104	12.615245
24WRCK070	ROCK	RR1	426171.68	7247357.03	426172.7	7247359	4A/MS	0.25	5.67	6.7	16.14	14.67	0.82	0.1	34.61	0.023	1.77	0.92	5.89	5	2.4	23.05	7.92	7	51.8	339.18601	284.1104	55.075627
24WRCK071	ROCK	RR1	426361.13	7247538.14	426362.2	7247540	4A/MS	0.25	0.61	0.5	30.38	1.07	0.09	0.1	1.41	0.005	3.19	0.08	1	4	0.3	3.62	0.6	3	3.2	48.470421	41.50389	6.9665344
24WRCK072	ROCK	RR1	426537.92	7247864.08	426538.9	7247866	4A/MS	0.25	7.39	53	17.36	6.59	1.65	0.1	73.16	0.074	2.96	1.95	2.97	5	32.2	91.61	15.61	24	99.9	483.01831	312.1596	170.85869
24WRCK073	ROCK	RR1	426462.03	7247714.07	426463.1	7247716	4A/MS	0.6	6.57	24.7	2.75	31.91	0.57	0.1	60.23	0.926	0.16	0.28	12.75	103	6.9	10.92	2.31	173	124.4	379.0146	354.8585	24.156057
24WRCK074	ROCK	RR1	426645.7	7247714.93	426646.7	7247716	4A/MS	5.6	27.08	6.9	16.89	6.44	2.1	0.9	147.95	0.509	0.03	0.61	7.77	1210	29	41.09	3.66	21	188.7	1067.3426	988.3421	79.000503
24WRCK076	ROCK	RR1	429102	7247192	429103	7247193	4A/MS	0.25	0.29	0.4	918.23	0.18	0.04	0.1	2.45	0.045	0.11	0.02	419.03	93	0.5	1.41	0.15	2	13.2	13.41682	10.87003	2.5467909
24WRCK077	ROCK	RR1	429132	7247192	429133	7247193	4A/MS	0.25	0.43	0.5	483.16	0.2	0.05	0.1	3.48	0.061	0.17	0.03	432.61	96	0.5	1.93	0.16	1	18.7	18.151167	14.71463	3.4365397
24WRCK078	ROCK	RR1	429132	7247197	429133	7247198	4A/MS	0.25	0.87	0.7	493.67	0.25	0.12	0.1	5.48	0.076	0.18	0.06	71.65	52	0.6	4.7	0.36	2	23	35.034967	26.89995	8.1350181
24WRCK079	ROCK	RR1	429160	7247200	429161	7247201	4A/MS	0.25	0.38	0.4	691.22	0.2	0.06	0.1	4.7	0.05	0.12	0.03	90.92	87	0.5	2.31	0.2	1	15.2	17.317071	13.24898	4.0680921
24WRCK080	ROCK	RR1	429190	7247181	429191	7247182	4A/MS	0.25	0.26	0.8	106.39	0.32	0.06	0.1	5.23	0.027	0.41	0.08	5.79	9	1.6	4.07	0.63	5	47.2	16.461219	9.085411	7.3758075
24WRCK081	ROCK	RR1	422002	7254240	422003	7254241	4A/MS	0.25	0.25	0.3	365.56	0.1	0.04	0.1	1.54	0.025	0.13	0.02	219.66	50	0.4	2.06	0.13	1	7.2	11.109993	7.771928	3.3380648

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<p>Recent rock chip sampling reported in this ASX release was undertaken by Reach Resources Ltd targeting Niobium and Rare Earth Elements.</p> <ul style="list-style-type: none"> <li>49 samples were taken from surface eluvium and outcrops at Wabli Creek (E09/2377).</li> <li>Sample weights ranged between 1kg and 3kg collected in individually numbered calico bags and secured polyweave sacks.</li> <li>Each sample was photographed and located using a hand-held GPS.</li> <li>All samples were submitted for multi-element analysis by Intertek Laboratories Perth WA using 4 acid digest with ICP-MS/OES finish; "Over-range" results re-analysed by Sodium peroxide fusion and ICP-MS/OES finish;</li> <li>Multi-elements include: Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Ho, In, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pr, Rb, Re, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been reported in this ASX release.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been reported in this ASX release.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	
Logging	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>• The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>• No drilling has been reported in this ASX release.</li> <li>• No drilling has been reported in this ASX release.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>• If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>• For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>• 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.</li> <li>• Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>• No drilling was used by Reach Resources to take these samples.</li> <li>• Distance between samples vary depending on available outcrop or surface material.</li> <li>• Industry standard rock samples of 1kg-3kg were collected by Reach field personnel</li> <li>• These procedures are considered to be appropriate for this style of early stage exploration.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>• 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.</li> <li>• 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.</li> </ul>	<p><b>Reach Resources</b></p> <ul style="list-style-type: none"> <li>• Upon receipt by Intertek samples were sorted, dried at 45 deg C, crushed &amp; pulverized to &lt;60um.</li> <li>• All samples were submitted for multi-element analysis via 4A/MS48; FP6/MS33 and Aqua Regia or FA50/OE04 techniques which are considered appropriate for the range of commodities being targeted and the sampling being undertaken.</li> <li>• Analysis was completed for Au, Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Ho, In, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pr, Rb, Re, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr.</li> <li>• No geophysical tools were used to determine any element</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>concentrations.</p> <ul style="list-style-type: none"> <li>• Intertek applies industry standard quality control procedures including the insertion of check samples, duplicates, blanks and standards.</li> <li>• These procedures reflect accepted industry standard procedures and provide acceptable accuracy and precision.</li> </ul>
<p><i>Verification of sampling and assaying</i></p>	<ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RR1 samples were collected and submitted by RR1 personnel. All data has been checked and verified by several senior personnel.</li> <li>• No drilling was undertaken.</li> <li>• All field data and laboratory results are entered and stored in an electronic database managed by an independent database management consultant, Pivot Exploration Information Management Systems</li> <li>• Elemental oxide assays reported in this announcement were checked and confirmed by RR1 senior geological personnel.</li> </ul>
<p><i>Location of data points</i></p>	<ul style="list-style-type: none"> <li>• <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></li> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All samples collected by RR1 were recorded using handheld Garmin GPS units which provide an accuracy of +/- 5m.</li> <li>• The grid system used in the figures and appendices in this ASX release is MGA Zone 50 (GDA94).</li> <li>• The project's topographic control is adequate for early-stage surface targeting and reconnaissance.</li> </ul>
<p><i>Data spacing and distribution</i></p>	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	<p><b>Reach Resources Ltd</b></p> <ul style="list-style-type: none"> <li>• Distance between rock chip sample sites vary</li> <li>• Sample spacing is typically determined by the availability of outcrop.</li> <li>• The data is not being used to support estimation of Mineral Resources or Ore Reserves.</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>No sample compositing has been undertaken.</li> <li>Data spacing is not intended to support continuity for Mineral Resource estimation. Drilling is required to achieve data spacing and distribution sufficient for resource estimation.</li> </ul>
<p><i>Orientation of data in relation to geological structure</i></p>	<ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul>	<p><b>Reach Resources Ltd</b></p> <ul style="list-style-type: none"> <li>No drilling was used to collect these samples.</li> <li>Sampling was undertaken both along strike and orthogonal to strike where possible in order to provide representative sampling.</li> <li>Sampling of rock outcrops is controlled by the material available and therefore is selective. Results may therefore not reflect the average grade of mineralisation.</li> <li>No drill testing of the Wabli Creek pegmatites has been undertaken. The subsurface dimensions of the pegmatites and the extent and continuity of any mineralization contained within them is currently unknown.</li> <li>The orientations of possible structures within the tenements are not well-known at this early stage.</li> </ul>
<p><i>Sample security</i></p>	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	<p><b>Reach Resources Ltd</b></p> <ul style="list-style-type: none"> <li>Chain of custody for samples were managed at all times by RR1 personnel including transport from site to the freight forwarding depot of Centurion Transport in Carnarvon.</li> <li>Centurion Transport delivered all samples relevant to this announcement to Interteks Perth Laboratory facility.</li> <li>Intertek advise RR1 once samples are received and the submission has been reconciled.</li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>RR1 has not undertaken any audits or reviews with respect to this phase of exploration.</li> <li>Industry standard techniques are applied at every stage of the exploration process.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary										
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></li> <li><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></li> </ul>	<p><b><u>Yinnetharra Projects</u></b></p> <ul style="list-style-type: none"> <li>The Yinnetharra Projects comprise granted licenses E 09/2375 (Morrisey Hill), E 09/2388 and E 09/2354 (Camel Hill) along the Ti Tree Shear Zone, and E 09/2377 and E09/2748 (Wabli Creek) along the Chalba Shear Zone. This ASX release only refers to sampling and analysis conducted within tenement E 09/2377 (Wabli Creek).</li> </ul>										
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li><i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>This release presents the results of recent exploration by RR1 at E 09/2377 (Wabli Creek).</li> <li>The area has a long history of exploration and prospector scale mining dating back to the 1920's-1940's principally for pegmatite hosted mica and gemstones.</li> <li>U3O8 Ltd drilled two RC holes in E09/2377 targeting U mineralisation (NOTE – U cannot be mined in Western Australia). The Competent Person does not consider the results material due to the different target commodities.</li> <li>The historical results provide a broad guide only.</li> </ul> <table border="1"> <thead> <tr> <th>Company</th> <th>Report Number</th> <th>Year</th> <th>Target commodity</th> <th>Reach Tenement</th> </tr> </thead> <tbody> <tr> <td><b>Pure Minerals Limited</b></td> <td>117605, 117689</td> <td>2018</td> <td>Li ±Ta</td> <td>E 09/2375, E 09/2377</td> </tr> </tbody> </table>	Company	Report Number	Year	Target commodity	Reach Tenement	<b>Pure Minerals Limited</b>	117605, 117689	2018	Li ±Ta	E 09/2375, E 09/2377
Company	Report Number	Year	Target commodity	Reach Tenement								
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Criteria	JORC Code explanation	Commentary										
		<table border="1"> <tr> <td data-bbox="1150 264 1339 362"><b>Mineral Developments</b></td> <td data-bbox="1350 264 1455 362">114716, 114717</td> <td data-bbox="1465 264 1549 362">2017</td> <td data-bbox="1560 264 1707 362">Beryl, Li, Mica, REE, U</td> <td data-bbox="1717 264 1854 362">E 09/2375, E 09/2377</td> </tr> <tr> <td data-bbox="1150 370 1339 492"><b>U308 Ltd</b></td> <td data-bbox="1350 370 1455 492">76883, 79787, 84704, 88390</td> <td data-bbox="1465 370 1549 492">2007, 2008, 2009, 2010</td> <td data-bbox="1560 370 1707 492">U, Th, V</td> <td data-bbox="1717 370 1854 492">E 09/2377</td> </tr> </table>	<b>Mineral Developments</b>	114716, 114717	2017	Beryl, Li, Mica, REE, U	E 09/2375, E 09/2377	<b>U308 Ltd</b>	76883, 79787, 84704, 88390	2007, 2008, 2009, 2010	U, Th, V	E 09/2377
<b>Mineral Developments</b>	114716, 114717	2017	Beryl, Li, Mica, REE, U	E 09/2375, E 09/2377								
<b>U308 Ltd</b>	76883, 79787, 84704, 88390	2007, 2008, 2009, 2010	U, Th, V	E 09/2377								
<b>Geology</b>	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Reach’s Yinnetharra tenements lie in the Mutherbukin Zone of the Gascoyne Province and comprise granites of the Moorarie, Durlacher and Thirty Three supersuites. The Thirty Three Supersuite is the youngest unit in the Yinnetharra project area and outcrops along the northern edge of the Mutherbukin Zone, along the Ti Tree Syncline.  The Thirty Three Supersuite comprises pegmatites, ranging in size from veins to 10–20-m-wide dykes and shallowly dipping sheets up to 200 m in thickness (Sheppard et al., 2010). The pegmatites are typically zoned, with massive quartz cores, and include rare elements (e.g. Bi, Be, Li, Nb,Ta), which have been the subject of small-scale mining (Sheppard et al., 2010). Segue Resources Ltd (now Arrow Minerals Ltd) identified the Thirty Three Supersuite as a fertile and highly fractionated granitic suite with potential to generate Li-Cs-Ta (LCT) pegmatites. Independent studies by the GSWA support this interpretation.</li> </ul>										
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>• <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• No drilling was undertaken.</li> </ul>										

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>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.</li> </ul>	
Data aggregation methods	<ul style="list-style-type: none"> <li>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.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No data aggregation methods have been applied.</li> <li>No high grade cut-off's have been applied.</li> <li>Results are presented in figures/maps/plans included within this release.</li> <li>No metal equivalents are reported.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been reported in this ASX release.</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate maps for the Yinnetharra projects are included in the release.</li> <li>Known pegmatites, mineral occurrences, projects and mines were extracted from WAMEX.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Recent and historical results that are considered relevant have been presented here in a balanced manner to avoid misleading reporting. The reported results reflect the full range of results for the target commodities available to Reach Resources at the time of this report. No relevant information has been omitted.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Data which is relevant to this release is included in this report.</li> <li>All relevant data available to Reach Resources has been documented in this report.</li> </ul>



Criteria	JORC Code explanation	Commentary
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>Geophysical studies and target identification are in progress.</li> <li>Further field reconnaissance including mapping and rock chip sampling are planned to recommence in Q3 2024.</li> <li>An application for an Aboriginal Heritage Survey of Wabli Creek (E09/2377 ) has been presented to the relevant parties. It is anticipated that this will be undertaken during Q3 2024 .</li> <li>Maiden drill programs are planned to commence in Q3/4 2024 once all regulatory approvals have been received.</li> </ul>