

Wyemandoo Project - World Class Lithium, Rubidium Pegmatite Fairway

- A review of the Rubidium potential of the Wyemandoo Pegmatites found highly anomalous assays over 9km.
- A total of 52 pegmatite rock chip samples had an average of 5,493ppm (0.54%) Rubidium ("Rb") with one sample reporting 17,123ppm Rb (1.7% Rb)
- Over half the 20 samples analysed around the loop structure have >1% Li₂O (up to 2.12% Li₂O) and an average grade of 1.06% Li₂O
- Rb assays are comparable with the highest JORC compliant Rb deposit, Lepidico's Karibib deposit¹ published at 6.7Mt of ore grading 0.23%Rb, 0.46% Li₂O and 320ppm Caesium
- The 4 contiguous permits encompassing the pegmatite fairway now form the "Wyemandoo Project"

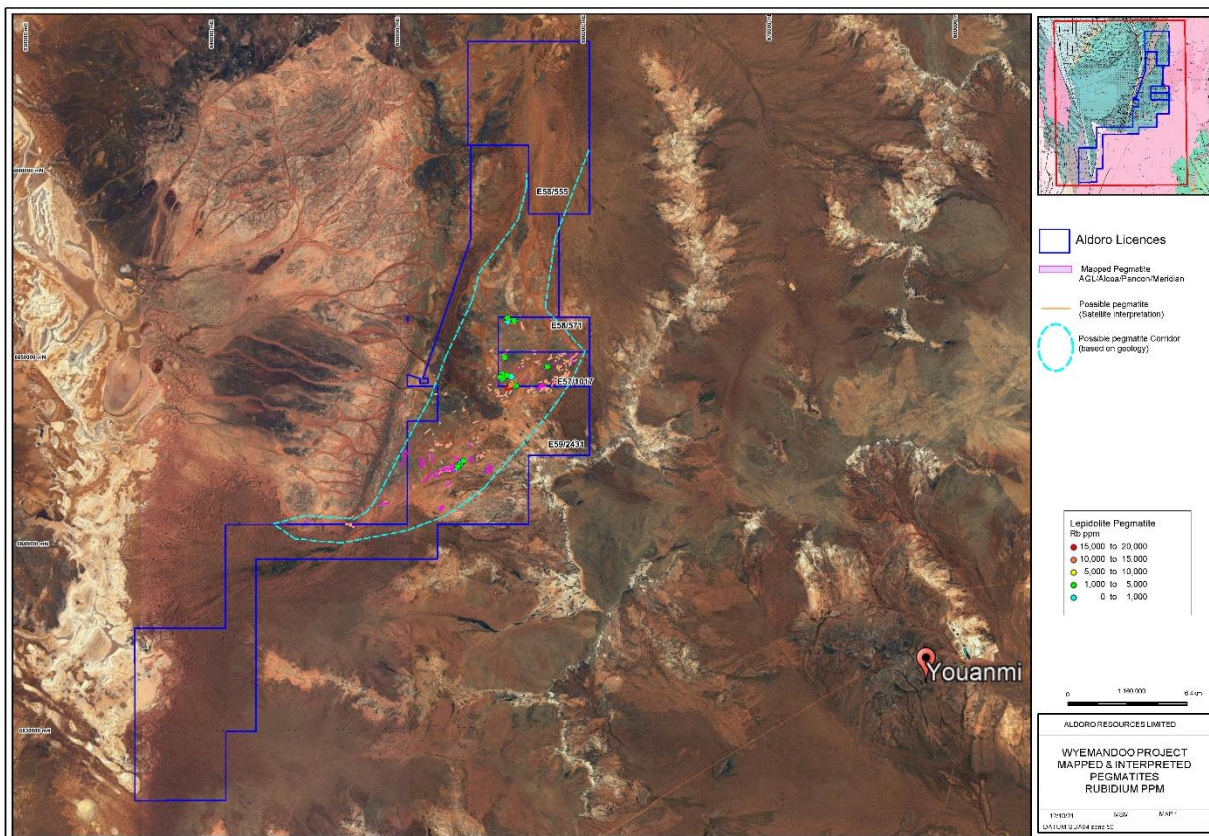


Figure 1. Aldoro's recently acquired licenses detailing the extent of the pegmatite field.

A recent review of the Wyemandoo rock chip assay results from lepidolite (lithium mica) bearing pegmatites found exceptionally high assays over nearly 9 km of outcropping strike. The 52 rock chip samples displayed a range of Rb values from 12 to 17,123ppm with an average of 5,493ppm Rb. The rocks also produced anomalous Li₂O, average 0.63% Li₂O (5ppm to 2.597%) and Caesium, averaging 146ppm (0.3 to 542ppm). The samples have been collected in 3 licences E59/2431, E57/1017 and recently acquired rights to ELA8/5871.

The Wyemandoo pegmatites generally trend NE and can strike over 1000m in length, vary from 1m to 20m in outcrop width with shallow to moderate dips, typically 30 to 60 degrees. While generally linear and sub

parallel to the strike of host gabbro's, the dykes show a range of morphologies including undulating, segmented and echelon style, pinch and swell as well as bifurcating. The Wyemandoo pegmatite swarm appears to cover a large area, a northeast corridor over 10km long and up to 4km wide where the full extent is masked by young alluvium and colluvium cover.

The range of Li values in the Wyemandoo Pegmatites reflects the variation in lepidolite content across the few pegmatites sampled in the very large apparent pegmatite field (**Fairway Pegmatite Corridor**). Pegmatites like the "**Loop Pegmatite**" structure are located more distal from the parental granitic magma's, located in the east, and appear to be more fractionated giving rise to the enriched Li, Rb and Cs metals. Over half the 20 samples analysed around the loop structure have >1% Li₂O (up to 2.12% Li₂O) and an average grade of 1.06% Li₂O, which is within the range of typical lithium economic grades. The loop structure resides in the middle of the defined "**Fairway Pegmatite Corridor**"

Many of the apparent pegmatites appear to be like the "**Loop Pegmatite**" in that they are in the distal zone from the granitic parent and therefore have the potential to be highly fractionated and enriched with the lithium suite of metals. Aldoro will be targeting this zone in the next phase of rock chip sampling across the "**Fairway Pegmatite Corridor**".

The Wyemandoo Rb, Li and Cs mineralisation reported to date is comparable to the grades recorded at Lepidico's Namibian Karibib deposit¹ where (to ARN's knowledge) the only Rb JORC compliant deposit in the world has a published 6.7Mt of ore grading at 0.23%Rb, 0.46%Li₂O and 320ppm Cs.

The Wyemandoo pegmatites represent a new Rb bearing lepidolite pegmatite field, located over 25km north-northwest from the Youanmi Pegmatite Field. Anomalous Rb bearing lepidolite rock chip samples have been taken over some 9km with planning underway to infill and extend sampling across the interpreted pegmatite corridor. The Wyemandoo Pegmatite Field will be a focus of investigation in the coming months.

1: reference Lepidico ASX (LPD) release 12 March 2021

The Aldoro board are encouraged to have secured such a large lithium bearing pegmatite fairway in its entirety which demonstrates the early hallmarks of being categorised as a tier 1 critical resources asset given the initial sample results for lithium, caesium and rubidium.

A larger systematic sampling program is currently being finalised, the program is expected to take place later in October and will focus on sampling at a 40-meter interval along the extent of the pegmatite outcropping and will also utilise the XRF tool to indicate the occurrence of the Rb mineralisation for immediate forward planning of drill hole positions.

A review into the resource economics of the mineral combination of the pegmatite fairway is encouraging given the current price for the Li⁽¹⁾ concentrate containing 6% Li₂O being roughly \$2,100-\$2,200/t (equivalent to \$500/t @ 1.5% Li₂O). The current price for Rb₂CO₃(99.5%)⁽²⁾ is \$1.4M-\$1.5M/t hence if the mineralisation has an average grade of 1% Rb₂CO₃, the mineralisation has an insitu value of approximately \$10,000/t (without considering the mining & processing recoveries).

1: reference Li price - <https://tradingeconomics.com/commodity/lithium>

2: reference Rb price - <https://internationallithium.com/rubidium/>

About the Wyemandoo Project

The Wyemandoo Project, 80km southeast of Mount Magnet, covers 9km² on granted licence E57/1017 and is **contiguous with Aldoro's recently granted tenement E59/2431** on the Narndee-Windimurra Igneous Complex. Aldoro have also agreements over licence applications ELA58/571 and E58/555 which both lie within the pegmatite corridor. The project is a rare metal exploration project in an Archean layered mafic intrusion cut by numerous pegmatite dykes. There is also an extensive zone of high-grade hydrothermal tungsten (scheelite) veins. Several pegmatites have been mapped and sampled in the SW corner of the licence including the loop pegmatite, (260 long and 110m wide) with gabbroic core, characterised by numerous exposes of lepidolite (Li-micas) in quartz-feldspar-lepidolite pegmatite in outcrop widths to 20m.

Over twenty pegmatite dykes have been mapped to date, of which 10 have been sampled, many more are yet to be mapped and sampled. The mapped dykes are dominated by quartz and feldspar (possibly cleavelandite) with muscovite and lepidolite is common, especially in the western dykes where textures ranging from fine grained aplitic to coarse but lepidolite pegmatites are also reported up to 8km to the south-southwest.

This Announcement has been approved for release by the Board of Aldoro Resources Ltd

About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (ASX:ARN) mineral exploration and development company. Aldoro has a collection of Lithium / Rubidium focused exploration projects and nickel/copper/PGM exploration projects all located in Western Australia. Aldoro is currently exploring the Niobe and Wyemandoo rubidium/lithium/tantalum projects, the company is encouraged by the very high grades of rubidium and the at surface deposit which extends over multiple kilometers containing lithium, rubidium, tantalum and caesium. The Company is progressing its Narndee nickel/copper/PGM project, initial drilling of the first of over a dozen targets has successfully intersected nickel sulphides which is an encouraging start to the drilling campaign. The Company's other projects include the Cathedrals Belt Nickel Project (Ni-Cu-PGM), with a significant tenement holding surrounding St George Mining's (ASX:SGQ) Mt Alexander Project.

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Sample	Easting	Northing	Datum	Rb_ppm	Li_ppm	Cs_ppm	Ta_ppm	Nb_ppm	Sn_ppm	W ppm
WYR021	655365	6848775	GDA94	4708	964	72.6	85.5	44	65	237
WYR022	655365	6848775	GDA94	1598	47	20.8	22.1	14	29	284
WYR023	655197	6848638	GDA94	3193	13	22.3	89.3	49	27	130
WYR024	655218	6848790	GDA94	4926	702	140.6	133.5	52	44	3296
WYR025	655200	6848900	GDA94	2712	31	33.3	139.1	44	70	60
WYR026	655700	6848750	GDA94	12	2.5	0.3	188.5	66	22	111
WYR031	655940	6848255	GDA94	4333	1543	195.4	48.4	39	17	2
WYR032	655763	6848218	GDA94	2244	26	26.0	83.1	36	106	2
WYR033	655690	6848220	GDA94	14433	9578	538.2	159.9	83	100	6
WYR034	655705	6848262	GDA94	12901	6967	379.2	96.5	62	157	6
WYR035	655750	6848300	GDA94	7863	1604	234.4	108.5	72	135	4
WYR036	655580	6848270	GDA94	11231	5387	304.9	77.8	59	120	5
WYR037	655610	6848250	GDA94	7751	470	150.4	38.2	18	82	2
WYR038	655475	6848145	GDA94	17123	12063	542.2	218.2	89	90	7
WYR045	655218	6848790	GDA94	4822	669	131.7	112.7	52	44	3092
WYR046	655925	6851736	GDA94	1996	10	23.5	159.8	64	71	0.5
WYR047	655873	6851750	GDA94	1736	29	25.2	173.1	47	122	0.5
WYR048	655536	6851708	GDA94	28	2.5	0.8	129.2	51	2	0.5
WYR049	655500	6851890	GDA94	1721	17	17.3	169.0	63	32	1
WYR050	655520	6851890	GDA94	10523	5000	401.2	275.9	92	89	3
WYR051	655540	6851895	GDA94	2663	351	38.8	170.4	61	55	1
WYR052	655100	6848723	GDA94	2893	55	35.4	149.0	59	59	0.5
WYR053	655350	6849775	GDA94	1704	12	18.2	140.7	44	31	2
WYR054	655461	6848830	GDA94	2625	44	39.0	133.9	54	32	0.5
WYR055	655690	6848360	GDA94	10404	6871	208.5	70.6	77	151	4
WYR056	655674	6848345	GDA94	11426	3494	233.8	98.7	54	136	5
WYR057	655650	6848266	GDA94	12721	8959	375.9	172.2	71	109	4
WYR058	655730	6848285	GDA94	6985	2843	121.0	129.4	59	85	3
WYR059	655765	6848313	GDA94	5046	1635	210.5	91.3	54	78	2
WYR060	655765	6848290	GDA94	3285	957	102.3	222.7	56	93	2
WYR061	655666	6848235	GDA94	12780	9840	321.2	258.2	72	77	3
WYR062	655634	6848268	GDA94	4422	1695	64.2	97.1	49	78	0.5
WYR063	655590	6848255	GDA94	8990	3569	380.0	130.8	64	114	3
WYR064	655630	6848290	GDA94	9145	4876	235.5	100.1	55	109	3
WYR065	655693	6848370	GDA94	9306	6020	169.3	52.2	53	116	4
WYR066	655655	6848255	GDA94	12749	9246	416.5	172.8	63	103	5
WYR067	655650	6848305	GDA94	10270	6555	250.0	86	55	123	3
WYR068	655645	6848265	GDA94	11090	7907	319.8	57.6	48	133	5
WYR073	657631	6849253	GDA94	1932	22	81.1	141.7	52	12	169
NRK00007	652722	6843917	GDA94	1594	80.9	18.7	54.2	30	15	0.8
NRK00008	652717	6843915	GDA94	7995	8104	218.7	87.3	37	38	1.8
NRK00009	652689	6843894	GDA94	595	129.7	8.4	75.0	35	10	0.7
NRK00010	652946	6844180	GDA94	3641	379.7	53.7	104.6	44	25	0.4
NRK00011	652886	6844149	GDA94	731	55.7	9.1	86.9	34	16	0.5
NRK00012	652885	6844080	GDA94	1706	388.1	24.5	67.9	33	20	0.6
NRK00013	652819	6844051	GDA94	4200	467	71.1	72.0	29	18	0.7
NRK00014	652784	6844008	GDA94	4886	688	69.2	77.4	45	19	0.6
NRK00015	652754	6843975	GDA94	989	29.6	13.3	167.9	46	20	0.5
NRK00016	652727	6843953	GDA94	1651	60.8	22.5	111.1	47	33	0.8
NRK00017	652984	6844218	GDA94	20	22.3	2.1	81.3	21	1	0.3
NRK00018	653038	6844247	GDA94	140	105.7	2.1	219.9	97	2	0.9
NRK00019	653068	6844271	GDA94	1202	36.7	20.5	232.5	73	22	0.6

Lepidolite Pegmatite summary sample assays table (previously reported by Aldoro on the 11/10/21 and 7/7/21)