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Acquisition of Significant Landholding at Yinnetharra Lithium and Tantalum Project

Highlights:

- **Delta expands tenement footprint at the Yinnetharra Lithium and Tantalum Project with 100% purchase of Minerals 260 (ASX:MI6) Aston Project**
- Highly prospective tenure, under-explored and 2km along strike from high grade **Jameson MRE of 0.8Mt @ 1.66%** within the same host rocks
- **Yinnetharra Lithium and Tantalum Project Mineral Resource Estimate (MRE)[1] currently stands at:**
  - 21.9Mt @ 1.0% Li_2O (at 0.5% Li_2O cut-off)
  - 39.4Mt @ 102ppm Ta_2O_5 (at 65ppm Ta_2O_5 cut-off)
- Transaction adds approximately 1,750km^2 to the Yinnetharra Project with **Delta's prospective package now totalling over 3,100Km^2**
- The acquisition follows the recently updated independent Lithium MRE update completed by Snowden Optiro for the Project announced in March 2025
- Systematic geochemical sampling and mapping over priority areas and geophysical surveys to commence immediately post settlement
- Passive Seismic Surveys interpreted to target deep water paleochannels with hydrogeological program planning underway and due to commence this year

Delta Lithium Limited (ASX: DLI) ("Delta" or the "Company"), is pleased to announce the strategic acquisition of a prospective lithium project adjacent to the Company's 100% owned Yinnetharra Lithium Project. This acquisition supports Delta's strategy of new resource growth and discovery and advancing the Project towards feasibility. Importantly, the added tenure cements Delta's position as the dominant Company in the Upper Gascoyne Lithium province with access to over 3,100km^2 - See figure 1. This provides a strong opportunity to undertake regional exploration immediately along the strike of Delta's existing deposits and beyond with a number of developed geochemical LCT anomalies on the acquired ground which has never been drilled for Lithium.

This acquisition of the Aston Project from Minerals 260 (ASX:MI6) comprises of 15 granted exploration licences seen in Table 1. Many of these tenements are continuous with Delta's and existing JV tenure which simplifies exploration and potential project development for Malinda and Jameson deposits. These tenements present significant prospectivity due to its close proximity to Jameson. The acquisition provides access to another ~10km of strike of the Leake Springs Metamorphic unit which hosts all Lithium and Tantalum resources at Yinnetharra to date as well as many other highly prospective Mafic units across the package. This provides many compelling targets that will be systematically tested by the Delta team with target generation having already commenced.

[1] Yinnetharra Lithium and Tantalum MRE Update' released to ASX on 31st March 2025

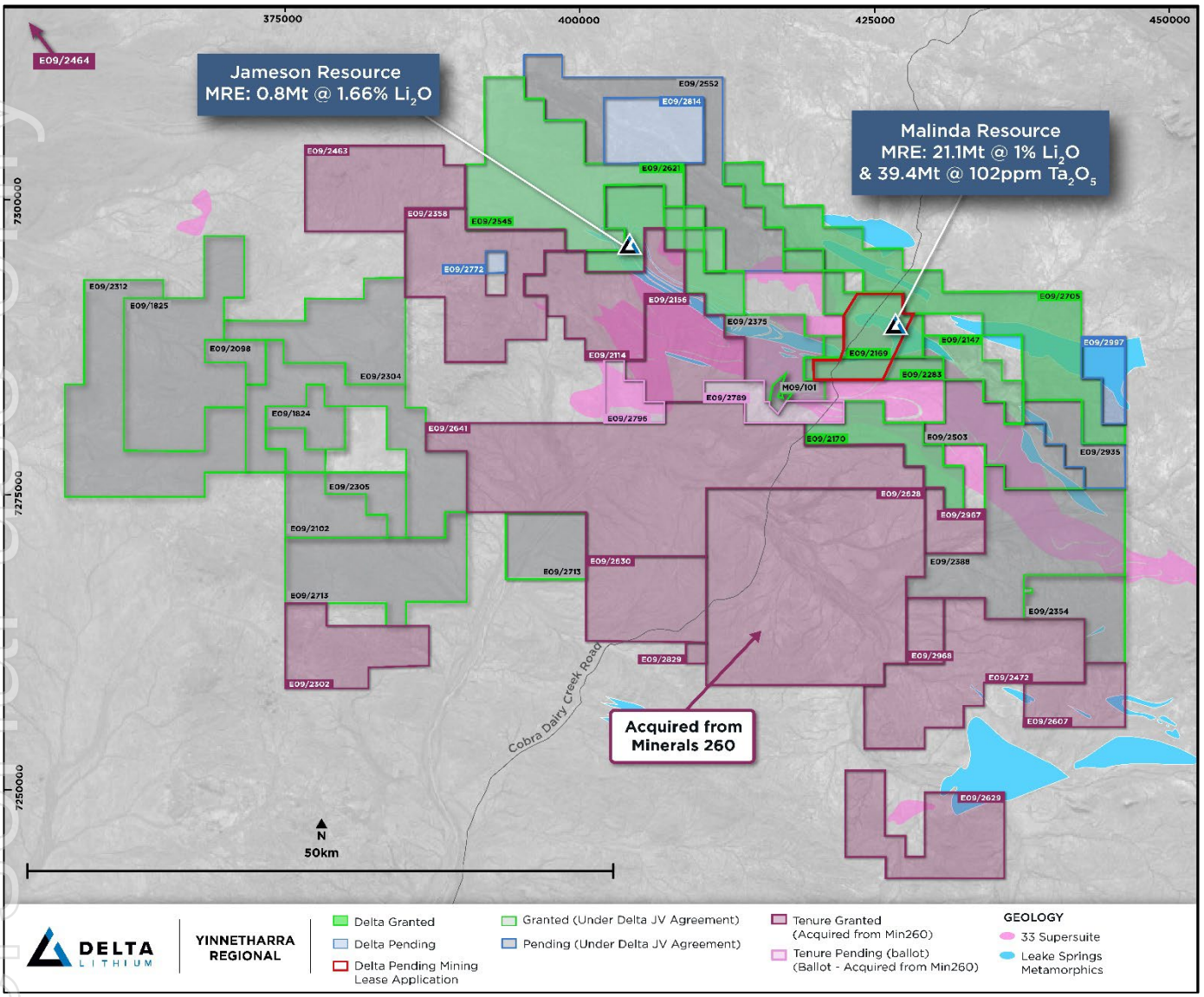


Figure 1: Yinnetharra Project Area including M260 Tenure Acquisition

Commenting on the acquisition Managing Director, James Croser said;

"The tenure acquired from MI6 is an excellent strategic addition to our Yinnetharra Project and a significant bolt-on to our recent Mortimer Hills acquisition just a few weeks ago. Delta has strengthened our dominant position in this highly prospective Upper Gascoyne Region. Delta's technical team will have access to over 1,700km^2 of new ground & the systems our team have developed over the last 2 year operating in this terrane positions us perfectly to now execute systematic exploration across this new prospective ground.

The extra tenure provides immediate exploration targets with early stage LCT anomalies, which will be critical as we continue to advance mining studies towards feasibility with the aim of delineating reserve tonnes.

Delta's dominant position surrounding the Thirty-Three supersuite granites, which are thought to be the source for the Malinda and Jameson deposits, has been enhanced. We look forward to getting on the new ground and systematically expanding our search for lithium and tantalum mineralisation."

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Tenement ID	Ownership
E09/2114	100%
E09/2156	100%
E09/2302	100%
E09/2358	100%
E09/2463	100%
E09/2464	100%
E09/2472	100%
E09/2607	100%
E09/2628	100%
E09/2629	100%
E09/2630	100%
E09/2641	100%
E09/2829	100%
E09/2967	100%
E09/2968	100%

Table 1: Table of tenements acquired at the Aston Project

Transaction Terms

Terms of the acquisition undertaken by Delta are outlined below.

Aston Project

Tenement Sale and Purchase Agreement for the Aston Project from Minerals 260 (ASX: MI6) include:

1. 100% Purchase of Fifteen Tenements (table 1), known as the Aston Project.
2. $450k cash payment.
3. 1.5% NSR on any future production of Lithium, Cesium, Beryllium, Rubidium or Tantalum

Release authorised by the Board of Delta Lithium Limited.

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About Delta Lithium

Delta Lithium (ASX: DLI) is an exploration and development company focused on bringing high-quality, lithium-bearing pegmatite deposits, located in Western Australia, into production. With a strong balance sheet and an experienced team driving the exploration and development workstreams. Delta Lithium is rapidly advancing its Lithium and Gold Projects. The Mt Ida Lithium/Gold Project sits on existing Mining Leases with an approved Mining Proposal. Delta Lithium is pursuing a development pathway for both the Lithium and the Gold (via Ballard Mining) at Mt Ida to unlock maximum value for shareholders.

Delta Lithium also holds the highly prospective Yinnetharra Lithium Project. Delta currently possess rights to over 3,000km2 of prospective ground in the Gascoyne region and is undertaking systematic exploration of this tenure. The strategy is to focus multiple teams on these high priority targets, follow up with drilling and grow the Yinnetharra resource which will feed into subsequent studies.

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Competent Person's Statement

Information in this Announcement that relates to exploration results is based upon work undertaken by Mr. Shane Murray, a Competent Person who is a Member of the Australasian Institute of Geoscientists (AIG). Mr. Murray has sufficient experience that 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 of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Murray is an employee of Delta Lithium Limited and consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Refer to www.deltalithium.com.au for past ASX announcements.

Past Exploration results and Mineral Resource Estimates reported in this announcement have been previously prepared and disclosed by Delta Lithium in accordance with JORC 2012. The Company confirms that it is not aware of any new information or data that materially affects the information included in these market announcements. The Company confirms that the form and content in which the Competent Person's findings are presented here have not been materially modified from the original market announcement, and all material assumptions and technical parameters underpinning Mineral Resource Estimates in the relevant market announcement continue to apply and have not materially changed. Refer to www.deltalithium.com.au for details on past exploration results and Mineral Resource Estimates.

Disclaimer

This release may include forward-looking and aspirational statements. These statements are based on Delta Lithium management's expectations and beliefs concerning future events as of the time of the release of this announcement. Forward-looking and aspirational statements are necessarily subject to risks, uncertainties and other factors, some of which are outside the control of Delta Lithium, which could cause actual results to differ materially from such statements. Delta Lithium makes no undertaking to subsequently update or revise the forward looking or aspirational statements made in this release to reflect events or circumstances after the date of this release, except as required by applicable laws and the ASX Listing

Refer to www.deltalithium.com.au for past ASX announcements.

Yinnetharra Lithium & Tantalum Resource March 2025							
Area	Resource category	Cut-off grade (Li_2O%)	Tonnes (Mt)	Li_2O%	Li_2O (Kt)	Ta_2O_5 ppm	Ta_2O_5 (Kt)
M1	Measured	0.5	-	-	-	-	-
	Indicated		9.9	0.9	92	51	0.5
	Inferred		2.9	0.8	24	52	0.2
	Total Resource		**12.7**	**0.9**	**117**	**51**	**0.6**
M2	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.2	1.2	2	29	0.0
	Total Resource		**0.2**	**1.2**	**2**	**29**	**0.0**
M3	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.2	1.0	1	24	0.0
	Total Resource		**0.2**	**1.0**	**1**	**24**	**0.0**
M4	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.1	0.8	0	20	0.0
	Total Resource		**0.1**	**0.8**	**0**	**20**	**0.0**
M20	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.0	0.6	0	54	0.0
	Total Resource		**0.0**	**0.6**	**0**	**54**	**0.0**
M36	Measured	0.5	-	-	-	-	-
	Indicated		4.7	1.1	51	106	0.5
	Inferred		0.7	0.7	5	153	0.1
	Total Resource		**5.4**	**1.0**	**56**	**112**	**0.6**

M42	Measured	0.5	-	-	-	-	-
	Indicated		0.2	0.6	1	131	0.0
	Inferred		0.2	0.7	1	107	0.0
	Total Resource		**0.4**	**0.7**	**2**	**122**	**0.0**
M47	Measured	0.5	-	-	-	-	-
	Indicated		1.4	0.9	13	154	0.2
	Inferred		0.1	0.8	1	185	0.0
	Total Resource		**1.5**	**0.9**	**14**	**157**	**0.2**
M67	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.3	0.7	2	62	0.0
	Total Resource		**0.3**	**0.7**	**2**	**62**	**0.0**
M69	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.4	0.8	3	85	0.0
	Total Resource		**0.4**	**0.8**	**3**	**85**	**0.0**
J1	Measured	0.5	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.8	1.7	13	44	0.0
	Total Resource		**0.8**	**1.7**	**13**	**44**	**0.0**
Total Measured			-	-	-	-	-
Total Indicated			16.1	1.0	158	77	1.2
Total Inferred			5.8	0.9	54	69	0.4
Total			**21.9**	**1.0**	**212**	**75**	**1.6**

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Yinnetharra Tantalum Only Resource March 2025							
Area	Resource category	Cut-off grade (Ta2O5ppm)	Tonnes (Mt)	Li2O%	Li2O (Kt)	Ta2O5 ppm	Ta2O5 (Kt)
MT1	Measured	65	-	-	-	-	-
	Indicated		3.7	0.1	3	82	0.3
	Inferred		0.6	0.0	0	94	0.1
	Total Resource		**4.3**	**0.1**	**4**	**84**	**0.4**
MT20	Measured	65	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.2	0.1	0	115	0.0
	Total Resource		**0.2**	**0.1**	**0**	**115**	**0.0**
MT36	Measured	65	-	-	-	-	-
	Indicated		4.3	0.1	5	123	0.5
	Inferred		0.6	0.1	1	106	0.1
	Total Resource		**4.9**	**0.1**	**5**	**121**	**0.6**
MT42	Measured	65	-	-	-	-	-
	Indicated		0.3	0.2	1	175	0.1
	Inferred		2.5	0.1	2	208	0.5
	Total Resource		**2.8**	**0.1**	**3**	**204**	**0.6**
MT47	Measured	65	-	-	-	-	-
	Indicated		2.1	0.1	3	186	0.4
	Inferred		0.5	0.1	0	257	0.1
	Total Resource		**2.5**	**0.1**	**3**	**199**	**0.5**
MT67	Measured	65	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.6	0.2	1	113	0.1
	Total Resource		**0.6**	**0.2**	**1**	**113**	**0.1**
MT69	Measured	65	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		1.6	0.1	2	105	0.2
	Total Resource		**1.6**	**0.1**	**2**	**105**	**0.2**
MT70	Measured	65	-	-	-	-	-
	Indicated		-	-	-	-	-
	Inferred		0.7	0.1	1	161	0.1
	Total Resource		**0.7**	**0.1**	**1**	**161**	**0.1**
Total Measured			-	-	-		-
Total Indicated			10.4	0.1	12	122	1.3
Total Inferred			7.1	0.1	7	156	1.1
Total			**17.5**	**0.1**	**19**	**136**	**2.4**

Note: Reported inside a RPEEE pit shell and below a 0.5% Li_2O cut-off. Tonnages and grades have been rounded to reflect the relative uncertainty of the estimate. Inconsistencies in the totals are due to rounding.