

**QUARTERLY ACTIVITY REPORT****DECEMBER QUARTER 2020****Aurora Tank Gold Discovery** 100% owned**September RC Drilling Program**

On 4 November 2020, Marmota reported initial 4m composite results from the Aurora Tank RC drilling program completed in September 2020. [ASX:MEU 4 Nov 2020]

- Drilling yielded outstanding high-grade gold intersections including:
 - 4m @ 70 g/t gold** (from 64m downhole) [Hole 20ATRC324]
 - 4m @ 25 g/t gold** (from 52m downhole) [Hole 20ATRC224]
- **High-grade extensions to the North** [for detail: see ASX:MEU 4 Nov 2020]
- **High-grade extensions at depth**

Detailed 1m split assay results are expected imminently.



Fig. 1: Aerial view of September RC Drilling at Aurora Tank Gold discovery [drone footage]

Aurora Tank **Ecological Study**

In December 2020, Marmota's first ever environmental study at Aurora Tank was carried out with the arrival of a specialist ecology team. The survey (fauna and flora) is a necessary component for a Mining Lease application and production pathway at Aurora Tank. The study appears to have been very successful.

Aurora Tank **Marmota finds water source**



Fig. 2: Underground water gushes out from new Bore Hole 1 at Aurora Tank

- Marmota has **successfully sourced underground water in BOTH bore holes drilled**, with impressive indicative water flow rate of 5 litres per second in **Bore Hole 1** (**Fig. 2**), and a flow rate of 1 litre per second in **Bore Hole 2**.
- Water is a critical component for intended planned diamond drilling and to feed a heap leach operation. Further work to complete the bores to contractual specification and install pumping equipment are the next steps.
- 2 x 20,000L water storage tanks have been installed.

Aurora Tank Camp

The camp at Aurora Tank is providing enormous utility to the company. The provision of air-conditioning facilities has enabled us to operate even during the hot season; the camp has been running at close to full capacity for almost all of December (until the end of year break) and again for almost all of January.

The new 2021 year got off to a very active and early start: on 8 January 2021, Marmota sent a team of 4 to carry out one of our largest and most interesting sampling programs, over both the wider Aurora Tank tenement and surrounding tenements. This work is being jointly funded by the South Australian Government under the Accelerated Discovery Initiative. The first team has been enduring temperatures of up to 45° C and the Company extends its grateful appreciation to the team, in particular to meet the timelines of the funding program. They are still on site implementing the sampling program. A second team is expected to arrive in two days time. Full details of the program will be provided shortly, when Stage 1 is completed and the team has returned to Adelaide.

Corporate

1. AGM

The AGM was held on 25 November 2020.

For more detail, please see: ASX:MEU [19 Oct 2020](#) and [25 Nov 2020](#)

2. Marmota acquires Tyranna's Jumbuck Gold project in \$3m deal

On 30 November 2020, Marmota entered into a binding agreement with Tyranna Resources to acquire all of the rights, title and interest of Tyranna Resources Ltd in the Jumbuck Gold project, adjacent to MEU ground. We are pleased to advise that implementation of the agreement is progressing smoothly.

Details of the Jumbuck Gold project will be provided in due course.

For detail regarding the transaction, please see: ASX:MEU [30 Nov 2020](#)

3. JMEI tax credits issued (for the 2019/20 financial year)

In December 2020, Marmota issued Federal Government JMEI (Junior Minerals Exploration Incentive) tax credits totaling \$272,686 to eligible investors who participated in the Marmota SPP (Share Purchase Plan) in December 2019.

For detail about the JMEI program, please see: www.ato.gov.au/jmei

Exploration Activities during Quarter

GOLD Gawler Craton

Tenement	Name	MEU Holding
EL 6470	Aurora Tank	100%
EL 6513	Ambrosia	100%
EL 6514	Pundinya	100%
EL 6166	Muckanippie	100%
EL 5799	Indooroopilly	100%
EL 6123	Mt Christie	100%
EL 6082	Lake Anthony	100%
EL 6348	Cudyea	100%
EL 5759	Mulgathing	100%
EL 6083	Woorong Downs	100%
EL 6084	Comet	100%
EL 6463	Bradman	100%
EL 5861	Carnding	100%
EL 5930	Irria	100%
EL 5914	Pegler	100%
EL 6040	Commonwealth Hill	100%
EL 6371	Malbooma	100%

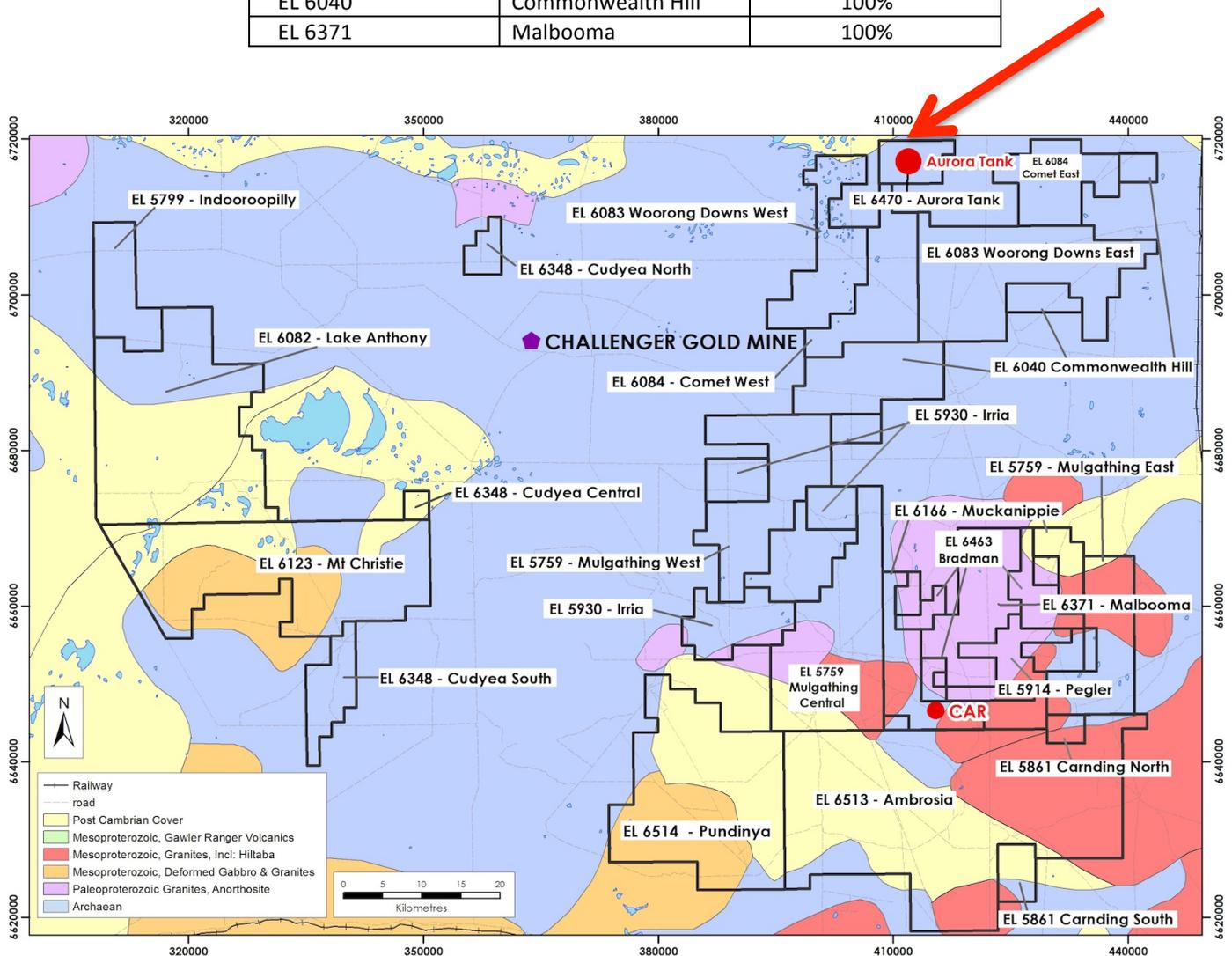


Figure 3: Marmota’s Gawler Craton Gold Project, around the Challenger Gold mine Aurora Tank Gold discovery (RED arrow)

Gawler Craton Gold 100% owned

Marmota's Aurora Tank gold discovery is located about 100km SW of Coober Pedy, and 50km NE of the Challenger Gold Mine, in the Woomera Prohibited Defence Area of South Australia [see Fig. 3].

Summary details are provided on pages 1 to 3 of this Quarterly Report.

Marmota was recently awarded a \$225,000 grant by the South Australian Government under the **Accelerated Discovery Initiative** (ADI) [ASX:MEU 24 June 2020]. Further work funded by that grant commenced during the quarter, including a program of calcrete and biogeochemical sampling on the Aurora Tank tenement and surrounding, and an R&D component modelling surface expressions of geochemical/biogeochemical anomalism in relation to underlying mineralisation, including at Aurora Tank. The program is ongoing.

Marmota is actively refining the Company's substantial tenement holding as our exploration team works through our tenement holding, adding ground and/or relinquishing as deemed desirable.

COPPER Copper Coast – Yorke Peninsula

Tenement	Name	MEU Holding
EL 5832	West Melton	100%

- Champion Copper (EL 5832) is situated on the Yorke Peninsula in South Australia approximately 50km north of Rex Minerals Ltd Hillside copper-gold deposit.

URANIUM Junction Dam project

Tenement	Name	MEU Holding
EL6530	Junction Dam	100% of uranium

Junction Dam is strategically located 15 km east from the Honeymoon (ASX:BOE) in-situ recovery (ISR) uranium mine (west of Broken Hill) [see Fig. 4]

Marmota has:

- JORC Inferred Resource of **5.4 million pounds** U₃O₈ with average grade of 557ppm U₃O₈ [ASX:MEU 18 Nov 2011, 20 Feb 2012, 17 July 2013]
- Overall Exploration Target¹ of **22–33 million pounds** U₃O₈ at approx. 400 to 700 ppm U₃O₈
- Assay grades of up to 8,143ppm U₃O₈ at the Saffron deposit

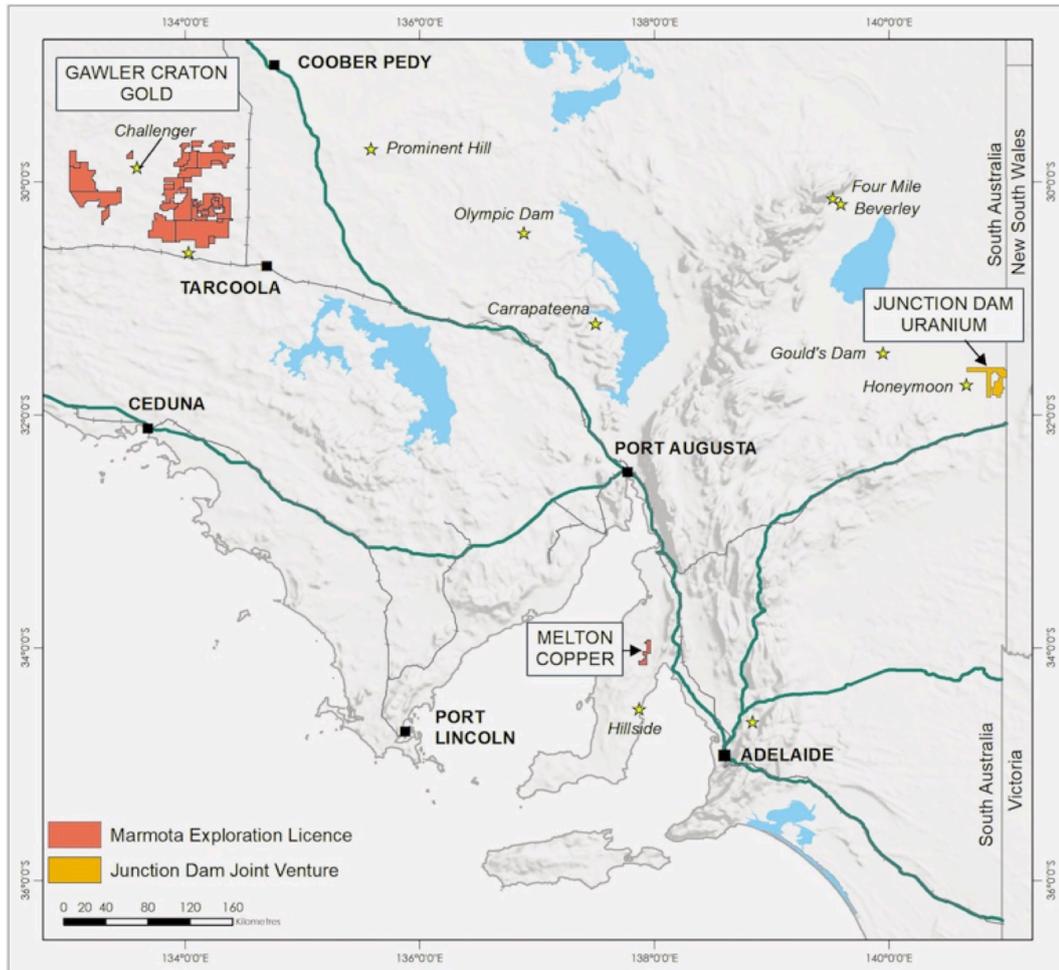


Figure 4: Location of Junction Dam

The MEU Board recently commenced a strategic review of its uranium assets to add value to shareholders. [ASX:MEU 11 June 2020]

Marmota is particularly well-placed for an upturn in the uranium sector, with an existing uranium JORC Resource that the Company spent millions of dollars to develop in prior years, and which is located adjacent to one of only 4 permitted mines in Australia. The Board is watching this space with interest.

¹ Saffron deposit with Bridget and Yolanda prospects: see ASX:MEU 9 July 2012. The potential quantity and grade of an Exploration Target is conceptual in nature. The estimates of Exploration Targets should not be misunderstood or misconstrued as estimates of Mineral Resources. It is uncertain if further exploration over those zones currently defined by an Exploration Target will result in the determination of a Mineral Resource.

What is next?

Aurora Tank Gold

- **RC drilling program completed in September: Detailed 1m assay results are expected imminently.**
- **Marmota is hiring: the Company has advertised 2 positions. Job interviews of final stage candidates were carried out in Adelaide last week.**
- **During January, Marmota has been carrying out one of our largest and most interesting sampling programs, jointly funded with the SA Government under the Accelerated Discovery Initiative: further details will be provided on completion of Stage 1 sampling. A further sampling team is expected to arrive on-site in 2 days.**

Competent Persons Statement

Information in this Release relating to Exploration Targets, Exploration Results and Mineral Resources is based on information compiled by Dr Kevin Wills, who is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves." Dr Wills consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Where results from previous announcements are quoted, Marmota confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

For the purpose of ASX Listing Rule 15.5, the Board has authorised for this announcement to be released.

For further information, please contact:

Marmota Limited

Dr Colin Rose Executive Chairman
Email colin@marmota.com.au

Unit 6
79–81 Brighton Road
Glenelg SA 5045
ABN: 38 119 270 816
T: (08) 8294 0899
F: (08) 8376 8633
www.marmota.com.au

About Marmota Limited

Marmota Limited (ASX: MEU) is a South Australian mining exploration company, focused on gold, copper and uranium. Gold exploration is centred on the Company's dominant tenement holding in the highly prospective and significantly underexplored Gawler Craton, near the Challenger gold mine, in the Woomera Prohibited Defence Area. The Company's copper project is based at the Melton project on the Yorke Peninsula. The Company's uranium project is at Junction Dam adjacent to the Honeymoon mine.

For more information, please visit: www.marmota.com.au

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

MARMOTA LTD

ABN

38 119 270 816

Quarter ended ("current quarter")

31 DECEMBER 2020

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation (if expensed)		
(b) development		
(c) production		
(d) staff costs	(24)	(52)
(e) administration and corporate costs	(67)	(98)
1.3 Dividends received (see note 3)		
1.4 Interest received	17	22
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)		
1.9 Net cash from / (used in) operating activities	(74)	(128)
2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities		
(b) tenements	(100)	(100)
(c) property, plant and equipment	(29)	(107)
(d) exploration & evaluation (if capitalised)	(505)	(1,069)
(e) investments		
(f) other non-current assets		

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	Net cash from / (used in) investing activities	(634)	(1,276)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	6,500
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options	15	15
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(347)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	15	6,168

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6 months) \$A'000
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	7,908	2,451
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(74)	(128)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(634)	(1,276)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	15	6,168
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	7,215	7,215

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	7,176	7,176
5.2	Call deposits	39	39
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	7,215	7,215

6. Payments to related parties of the entity and their associates

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

Current quarter \$A'000
21
27

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

Item 6.1 and 6.2 sets out payment of non-executive and executive directors' fees, salaries and superannuation to the directors for the quarter.

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7. Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1 Loan facilities		
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 Total financing facilities		
7.5 Unused financing facilities available at quarter end		
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	(74)
8.2 Capitalised exploration & evaluation (Item 2.1(d))	(505)
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	(579)
8.4 Cash and cash equivalents at quarter end (Item 4.6)	7,215
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	7,215
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	12.5
8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:	
1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: Not applicable	
2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: Not applicable	
3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer: Not applicable	

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 28 January 2021

Authorised by: 

Lisa Askham-Levy: CFO and Company Secretary

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.

TENEMENT STATUS

(as at 31 December 2020)

SOUTH AUSTRALIA

Project name	Tenement	Number	Area (km ²)	Details	Marmota's interest %	Status
Junction Dam	Junction Dam	EL 6530	341	JV with Teck Australia, Variscan Mines & Eaglehawk Geological Consulting	100% of the uranium mineral rights	Granted
Melton	West Melton	EL 5832	88		100%	Granted
Gawler Craton West Block	Indooroopilly	EL 5799	100		100%	Granted
	Lake Anthony	EL 6082	495		100%	Granted
	Mt Christie	EL 6123	466		100%	Granted
	Cudyea	EL 6348	110		100%	Granted
Gawler Craton NE Block	Aurora Tank	EL 6470	48		100%	Granted
	Woorong Downs	EL 6083	458		100%	Granted
	Comet	EL 6084	268		100%	Granted
	Commonwealth Hill	EL 6040	196		100%	Granted
Gawler Craton SE Block	Ambrosia	EL 6513	854		100%	Granted
	Muckanippie	EL 6166	145		100%	Granted
	Mulgathing	EL 5759	652		100%	Granted
	Pundinya	EL 6514	435		100%	Granted
	Bradman	EL 6463	92		100%	Granted
	Carnding	EL 5861	53		100%	Granted
	Irria	EL 5930	406		100%	Granted
	Pegler	EL 5914	77		100%	Granted
Malbooma	EL 6371	178		100%	Granted	