

QUARTERLY REPORT

ASX: RNU

ASX RELEASE

April 28, 2017

Renascor Resources Ltd

ABN 90 135 531 341

HEAD OFFICE

36 North Terrace
Kent Town, SA 5067
Australia

CONTACT

T: +61 8 8363 6989
F: +61 8 8363 4989
info@renascor.com.au
www.renascor.com.au

ASX CODE

RNU

Developing
Australia's largest
graphite deposit



THE PERIOD ENDING 31 MARCH 2017

Significant Events

- Drilling completed in January results in upgrade to JORC Mineral Resource Estimate for Renascor's Siviour Graphite Deposit.
 - Indicated Resources: 51.8 million tonnes @ 8.1% total graphitic carbon (TGC) for 4.2 million tonnes of contained graphite
 - Total Resources (Indicated and Inferred): 80.6 million tonnes @ 7.9% TGC for 6.4 million tonnes of contained graphite
 - Higher-grade mineralisation of 30.1 million tonnes @ 10.0% TGC for 3.0 million tonnes of contained graphite
- Metallurgical tests from Siviour achieve high proportions of high purity, coarse flake graphite, with results from conventional (non-chemical, non-thermal) graphite flotation process including:
 - 48% of graphite concentrates exceeding 150 microns, including 33% at +180 microns and 8% at +300 microns
 - Average purity of 94% total graphitic carbon (TGC), with recoveries of 85%
 - Purity levels in excess of 99% TGC can be achieved in finer fractions through addition of one re-grind and flotation circuit, suggesting suitability for lithium-ion battery market
- Preliminary mining, mineral processing and logistics studies completed for Siviour Scoping Study, with release Scoping Study results expected within the next two weeks
- Renascor is funded for its planned next stage work programs, with current cash of ~\$1.7m as at 31 March 2017

ARNO GRAPHITE PROJECT

During the recently completed quarter, Renascor's activities were focused on the Arno Graphite Project and, in particular, the Siviour Graphite Deposit in South Australia's Eyre Peninsula. See Figure 1. Significant events during the quarter included the completion of an 1,793m reverse circulation drilling program at Siviour, the upgrade of the Siviour Mineral Resource Estimate, metallurgical testwork on Siviour diamond core and the completion of preliminary mining, mineral processing and logistics studies in connection with the Siviour Scoping Study.

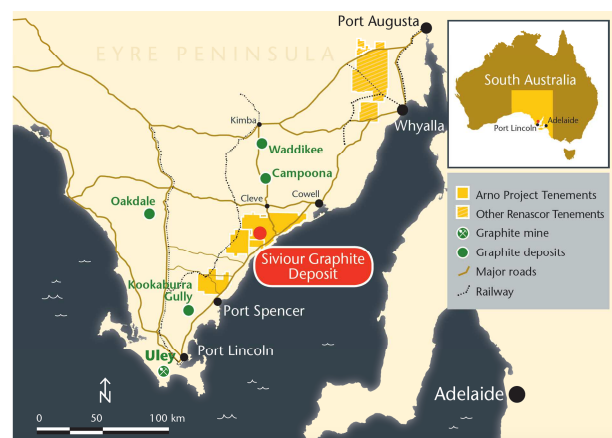


Figure 1. Siviour Graphite Deposit

Drill program

In January, Renascor completed a 34-hole reverse circulation drill program at Siviour. The program included approximately 1,793m and resulted in multiple intersections of high-grade graphite at shallow depths.

Eastern extensions to Siviour Indicated Resource

The drill program included 19 holes to the immediate east of a shallow +10% total graphitic carbon (TGC) zone within the southern portion of the then-current Siviour Indicated Resource. The Siviour Indicated Resource was upgraded to include this eastern extension area in March 2017. See section below entitled "Upgraded JORC Mineral Resource Estimate".

Twelve of these eastern holes intersected significant thicknesses graphite from near-surface, with results including:

- 22m @ 10.5% TGC (from 14m) and 12m @ 14.1% TGC (from 37m) (Siv098)
- 27m @ 11.6% TGC (from 16m) (Siv080)
- 14m @ 10.0% TGC (from 12m) (Siv096)
- 13m @ 9.0% TGC (from 11m) (Siv078)
- 32m @ 10.4% TGC (from 33m) (Siv094)
- 21m @ 11.2% TGC (from 44m) (Siv095)
- 22m @ 8.4% TGC (from 35m) (Siv104)

Northeastern extensions to Siviour Inferred Resource

Renascor drilled seven additional holes in an area within and along-strike from the northeastern portion of the then current Inferred Resource. This northeastern area has since been upgraded to Indicated Resource. See section below entitled "Upgraded JORC Mineral Resource Estimate".

All seven of these holes intersected similarly thick intervals of visible graphite from varying depths, with results including:

- 44m @ 8.2% TGC (from 31m) (Siv102)
- 24m @ 12.3% TGC (from 28m) (Siv110)
- 25m @ 9.8% TGC (from 40m) (Siv092)

Complete details for all holes drilled in the January 2017 program are provided in Table 1 of Renascor's ASX release dated 7 March 2017.

Near-surface, horizontal orientation

The January drilling and resource modelling continues to confirm the general sub-horizontal orientation of the Siviour mineralised body. The average width of mineralisation is approximately 20m, and most of the graphite mineralisation occurs beneath 10m to 25m of surface cover.

Within the Siviour Indicated Resource area, the thick, shallow graphite-mineralised body is near flat-lying over the southern and central portions of the prospect before dipping to the north. See Figure 2 (next page).

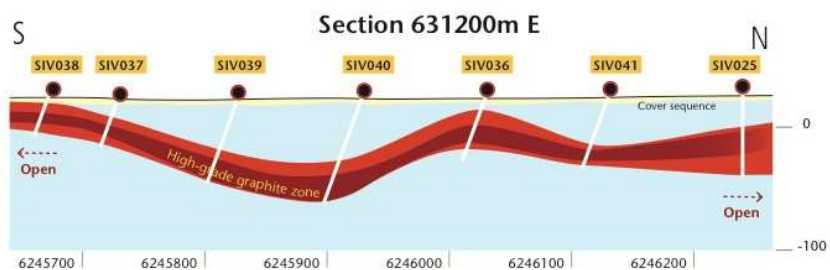
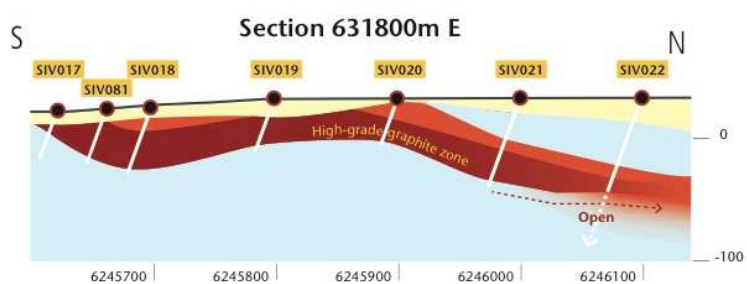
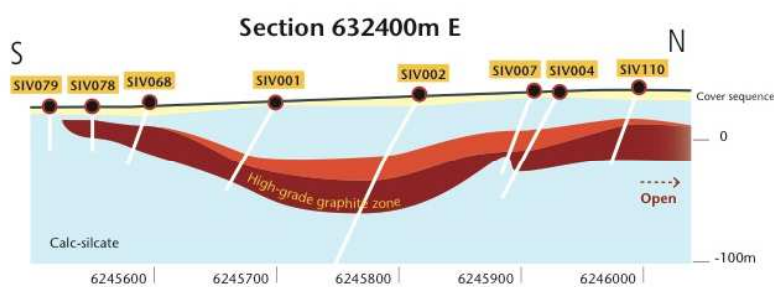
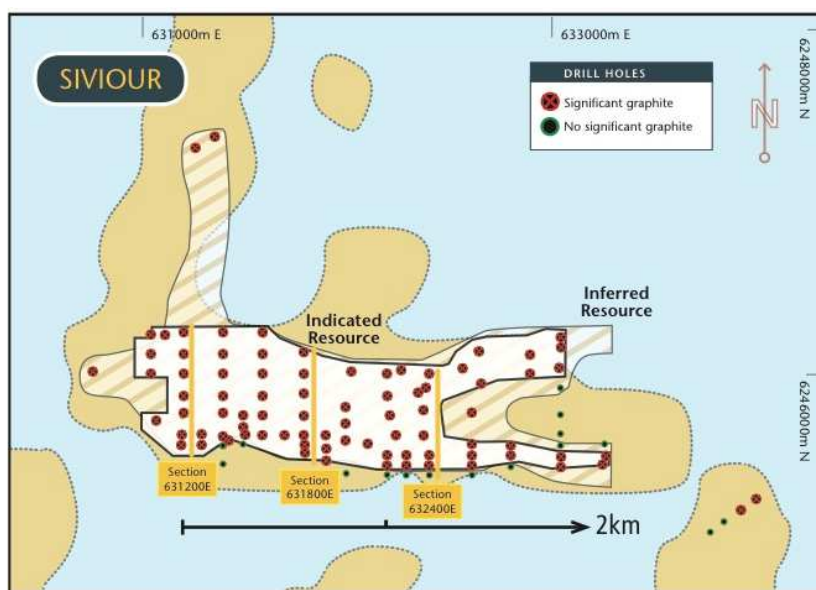


Figure 2. Sivoir -- Plan view showing March 2017 Indicated and Inferred Resources over electromagnetic conductive zones and cross-sections with TGC assay results (5%TGC cut-off in dark red and 3% TGC cut-off in light red) over north-south Sections 631200E, 631800E and 632400E

Upgraded JORC Mineral Resource Estimate

In March, Independent mining consultants Optiro upgraded the JORC Mineral Resource for the Australian Siviour Graphite Deposit.

The current Mineral Resource Estimate includes Indicated Resources: 51.8 million tonnes @ 8.1% total graphitic carbon (TGC) for 4.2 million tonnes of contained graphite and Total Resources (Indicated and Inferred): 80.6 million tonnes @ 7.9% TGC for 6.4 million tonnes of contained graphite. See Table 1.

Category	Tonnes of mineralisation (millions)	TGC	Tonnes of contained graphite (millions)
Indicated	51.8	8.1%	4.2
Inferred	28.8	7.6%	2.2
Total	80.6	7.9%	6.4

Note: Cut-off grade of 3% total graphitic carbon

Table 1. Siviour Mineral Resource estimate as of 15 March 2017

Additional details regarding the upgrade JORC Mineral Resource Estimate for Siviour are included in Renascor ASX release dated 17 March 2017.

Siviour in comparison to other graphite resources

As shown below in Figure 3, the Siviour Graphite Deposit is the largest reported JORC resource in Australia and now ranks as the ninth largest reported graphite Indicated Resource in the world.

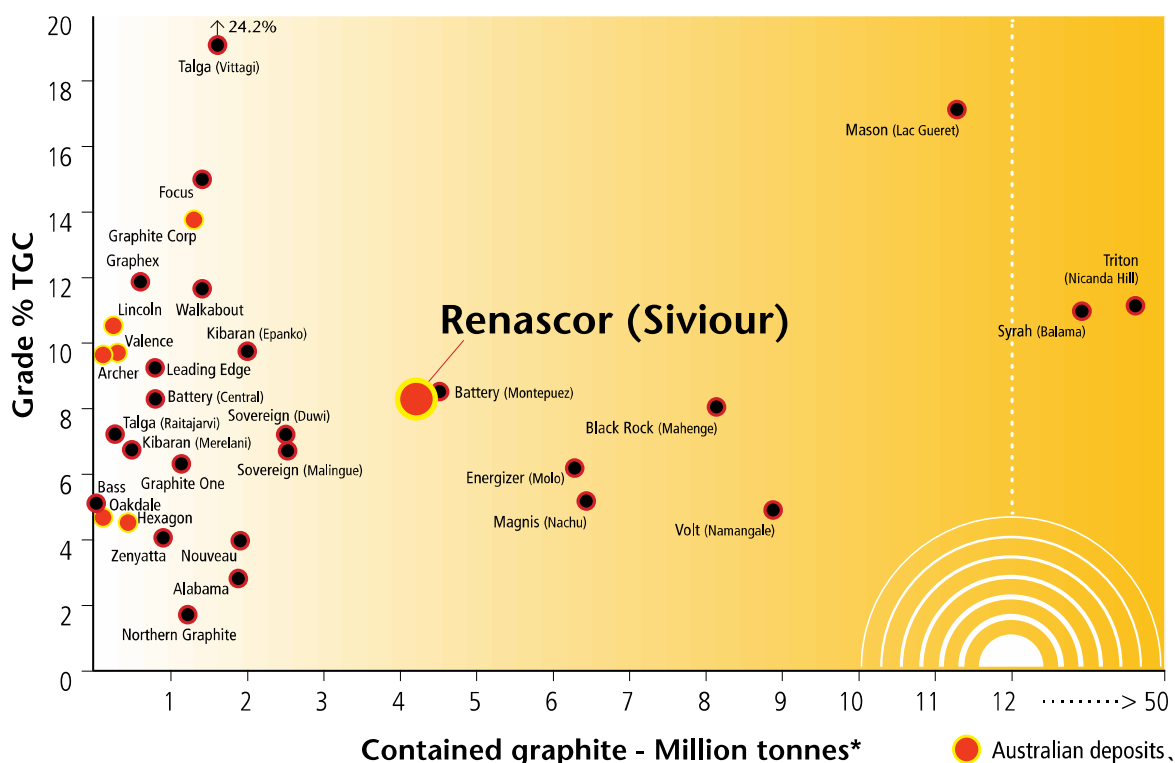


Figure 3. Scatter plot showing reported grade (%TGC) and total contained graphite as measured by the sum of Measured and Indicated Resources (Source: company reports)

Metallurgical test program

The metallurgical test program for Siviour is evaluating the ability to produce marketable graphite concentrates with a cost-effective and conventional (non-chemical, non-thermal) flow sheet design.

Work undertaken during the quarter focused on an industry standard design, consisting of a crushing and grinding circuit, followed by four stages of flotation and re-grinding prior to drying and separation.

Test work was undertaken at ALS Metallurgy (Adelaide) and Bureau Veritas Minerals (Adelaide) on core samples obtained from 14 diamond holes drilled within areas representative of sectors of low strip ratio mineralisation considered to be of prime economic interest.

The flake size distribution from the test work to date is summarized in table 2

Flake category	Particle size		Distribution	Average purity (TGC)	Recovery
	Microns (µm)	Mesh (#)			
Jumbo	>300	+48	8%	94%	85%
Large	180 to 300	-48 to +80	25%		
Medium	150 to 180	-80 to +100	15%		
Small	75 to 150	-100 to +200	39%		
Fine	<75	-200	13%		

Table 2. Summary of Siviour concentrate size distribution

Additional test work has demonstrated the ability to achieve higher purity levels, including grades of over 99% TGC with an additional regrind and flotation circuit. Continuing metallurgical programs will include the addition of a cost-effective circuit designed to achieve high purity, +99% TGC within the fine flake categories, while maintaining flake size in the coarse flake categories at purity levels in excess of 94% TGC.

Renascor believes that Siviour has the potential to produce high quality and cost-competitive graphite concentrates for sale into both the traditional industrial markets, as well as into the lithium-ion battery sector and other high growth segments.

Siviour in comparison to other graphite resources

The metallurgical results to date continue to mark Siviour as unique within Australia, with a proportion of coarse flake graphite products that compares favourably to market leader Syrah Resources' (ASX: SYR) Balama graphite project in Mozambique. See Figure 4.

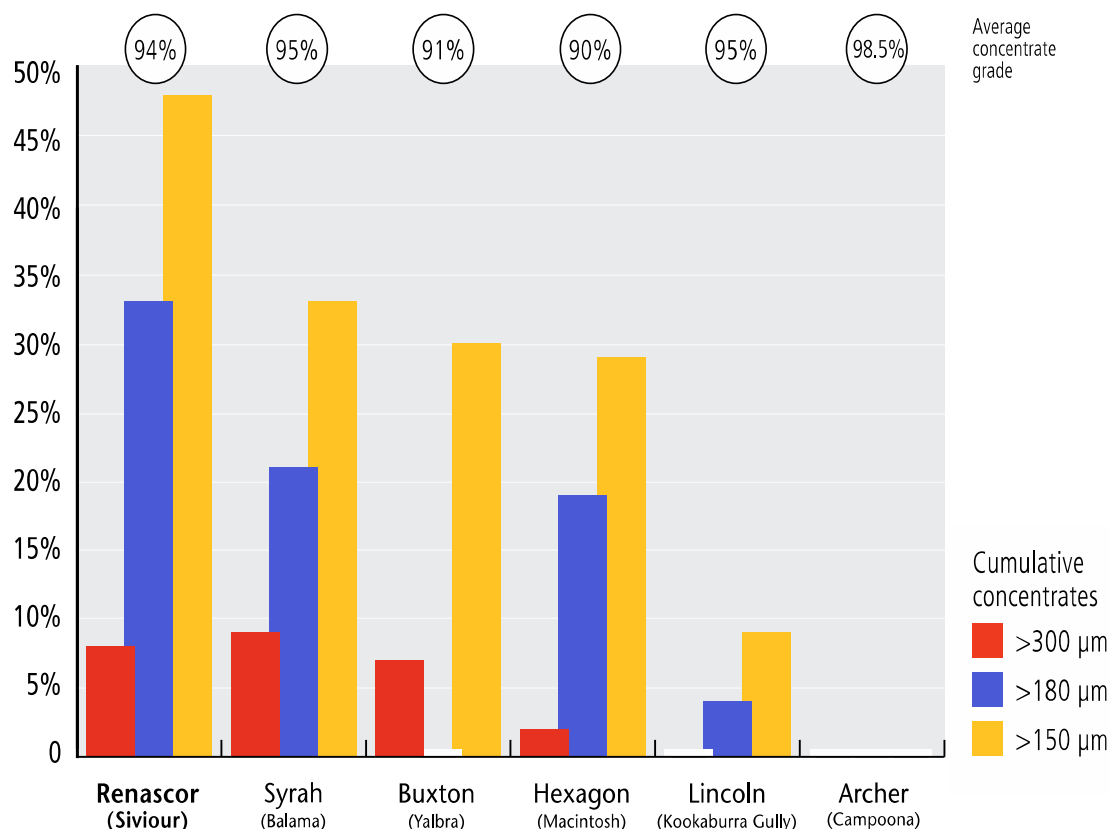


Figure 4. Summary of reported flake size distribution at >300µm, >180µm and >150µm size fractions and average concentrate grade of graphite projects in Australia and Syrah's Balama project in Mozambique (Source: company reports)

While Syrah's feasibility study (Syrah ASX release dated 29 May 2015) reports superior overall purity levels (95% TGC) and recoveries (92.5%) than Renascor has achieved to date in Siviour test work (purity of 94% TGC and recoveries of 85%), Renascor expects that on-going metallurgical testing will provide opportunities for continued improvements.

The metallurgical results from the tests completed to date provide sufficient confidence in the flow sheet design parameters to complete the Siviour Scoping Study.

Renascor is continuing its metallurgical test work, including optimisation programs designed to modify the current conventional flow sheet in a manner that improves purities, flake size distribution and recoveries, while maintaining a cost-competitive process design. Additional mineral processing programs will include variability testing and the collection of a bulk sample for rigorous pilot-plant scale test work and production of marketing samples for customer product testing.

Siviour Scoping Study

Additional work at Siviour during the recent quarter included the completion of preliminary mining, mineral processing and logistics studies in connection the Siviour Scoping Study.

The Siviour Scoping Study, which will incorporate the results of the recently upgraded JORC Mineral Resource Estimate and the recent metallurgical results, is expected to be finalised imminently, with results released to the market within the next two weeks.

OTHER PROJECTS

Additional exploration and evaluation activities undertaken during the quarter included activities at Renascor's Munglinup Project near Ravensthorpe, Western Australia. Renascor completed a review of prospective targets, including potential cobalt and nickel prospects, as well as previously identified lithium and graphite targets. Next step programs under consideration include geophysical surveys and a program of multi-element geochemistry.

CORPORATE EVENTS

Set forth below is a brief summary of key corporate information for the recently completed quarter:

- EL 5927 Lake Harris tenement, previously held as EL4836 and EL5856 Carnding tenement, previously held as EL4707 were renewed during the period.
- As of 31 March 2017, Renascor had approximately \$1.7 million cash on hand. Please refer to Renascor's Quarterly Cashflow Report for the period ending 31 March 2017.

Competent Person's Statement – Metallurgical Results

The results reported herein, insofar as they relate to metallurgical test work results, are based on information provided to and reviewed by Mr Simon Hall, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and a consultant to the Company. Mr Hall has sufficient experience relevant to the mineralogy and type of deposit under consideration and the typical beneficiation thereof. Mr Hall consents to the inclusion in the report of the matters based on the reviewed information in the form and context in which it appears.

Competent Person's Statement – Exploration Results

The results reported herein, insofar as they relate to exploration activities and exploration results, are based on information provided to and reviewed by Mr G.W. McConachy (Fellow of the Australasian Institute of Mining and Metallurgy) who is a director of the Company. Mr McConachy has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2012 Edition). Mr McConachy consents to the inclusion in the report of the matters based on the reviewed information in the form and context in which it appears.

This report may contain forward-looking statements. Any forward-looking statements reflect management's current beliefs based on information currently available to management and are based on what management believes to be reasonable assumptions. A number of factors could cause actual results, or expectations to differ materially from the results expressed or implied in the forward-looking statements.

FOR FURTHER INFORMATION, PLEASE CONTACT:

David Christensen
Managing Director

+61 8 8363 6989

info@renascor.com.au

Angelo Gaudio
Company Secretary

Table 1: Summary of tenements for quarter ended 31 March 2017 (ASX Listing Rule 5.3.3)

Location	Project Name	Tenement No.	Tenement Name	Registered Owner ¹	% Interest	Status as at 31 Mar 2017
Tenements held during quarter ended 31 March 2017:						
South Australia	Eastern Eyre	EL 5822	Iron Baron	Renascor	100	Current
South Australia	Eastern Eyre	EL 5012	Cultana	Renascor	100	Current
South Australia	Eastern Eyre	EL 5236	Old Wartaka	Renascor	100	Current
South Australia	Gawler Craton	EL 5859	Gairdner	Renascor	100	Current
South Australia	Gawler Craton	EL 5927	Lake Harris (Prev EL4836)	Renascor	100	Current
South Australia	Warrior	EL 5733	Warrior	Renascor	100	Current
South Australia	Warrior	EL 5856	Carnding (prev EL4707)	Renascor	100	Current
South Australia	Farina	EL 4822	Willouran	Renascor	100	Current
South Australia	Farina	EL 5586	Callana Area	Renascor	100	Current
South Australia	Olary	EL 5385	Cutana	Astra	100	Current
South Australia	Olary	EL 5384	Outalpa	Astra	100	Current
South Australia	Olary	EL 5228	Wompinie	Renascor	100	Current
South Australia	Frome Basin	EL 5322	Lake Callabonna	Renascor	100	Current
South Australia	Arno Graphite	EL 5204	Malbrom - Areas A, B, C & D	Ausmin ³	0 ²	Current
South Australia	Arno Graphite	EL 5495	Lipson Cove	Ausmin ³	0 ²	Current
South Australia	Arno Graphite	EL 5618	Verran	Ausmin ³	0 ²	Current
South Australia	Arno Graphite	EL 5714	Malbrom West	Ausmin ³	0 ²	Current
Wesern Australia	Munglinup Graphite	E74/517	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/518	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/523	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/531	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/538	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/544	Munglinup	Sol Jar	100	Current
Wesern Australia	Munglinup Graphite	E74/545	Munglinup	Sol Jar	100	Current
Northern Territory	Ngalia Basin	ELA27517	NirripiNth	Kurilpa	100	Application
Northern Territory	Ngalia Basin	ELA27518	NirripiWest	Kurilpa	100	Application
Tenements disposed, surrendered or lapsed during quarter ended 31 March 2017:						
N/A						

Note 1

Renascor: Renascor Resources Limited
 Kurilpa: Kurilpa Uranium Pty Ltd, a wholly owned subsidiary of Renascor Resources Limited
 Astra: Astra Resources Pty Ltd, a wholly owned subsidiary of Renascor Resources Limited
 Sol Jar: Sol Jar Property Pty Ltd, a wholly owned subsidiary of Renascor Resources Limited
 EPM: Eyre Peninsula Minerals Pty Ltd, a wholly owned subsidiary of Renascor Resources Limited
 Ausmin: Ausmin Development Pty Ltd

Note 2

Agreement with EPM - option to acquire 100%

Note 3

Agreement with EPM - option to acquire Ausmin Development Pty Ltd