28 November 2013

The Manager, Companies
Australian Securities Exchange
Companies Announcement Centre
Level 4, 20 Bond Street
Sydney NSW 2000

Dear Sir/Madam,

OZ Minerals - SA Exploration and Mining Conference Presentation

Please find attached the OZ Minerals presentation to be made at the South Australian Exploration and Mining Conference today.

Yours faithfully,

Francesca Lee
General Counsel & Company Secretary
CARRAPATEENA & NEARBY EXPLORATION DISCOVERIES -

SA MINING & EXPLORATION CONFERENCE

28 NOVEMBER 2013
MICK SAWYER
SENIOR EXPLORATION GEOLOGIST
WWW.OZMINERALS.COM
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Certain statistical and other information included in this presentation is sourced from publicly available third party sources and has not been independently verified.

All figures are expressed in Australian dollars unless stated otherwise.
PRESENTATION OUTLINE

- Carrapateena Resource Update
- Carrapateena Geology
- Khamsin IOCG Discovery History
- Khamsin Geology
- Fremantle Doctor Mineralisation

LARGEST UNDEVELOPED COPPER PROJECT IN AUSTRALIA
THE PLACE TO BE
STUART SHELF, GAWLER CRATON - SA

- Strengthened ground position around Carrapateena – Olympic Dam corridor
- Eleven tenements for combined holding of ~3,600 sq/km
The Mineral Resource has been reported in accordance with JORC, 2012. This Mineral Resource is based on data from 100 drill holes having a total of 65,690 metres of sampling in the interpreted mineralisation.

The cut-off grade of 0.3% Cu is based on the assumption that the deposit can be exploited by block-caving and the estimated operating costs associated with such given OZ Minerals’ life-of-mine (LOM) economic assumptions as listed in Table 2.

Table 2: Economic Assumptions

<table>
<thead>
<tr>
<th>Assumptions</th>
<th>Unit</th>
<th>LOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>US$/lb</td>
<td>3.15</td>
</tr>
<tr>
<td>Gold</td>
<td>US$/oz</td>
<td>1,200</td>
</tr>
<tr>
<td>Silver</td>
<td>US$/oz</td>
<td>20</td>
</tr>
<tr>
<td>Exchange Rate</td>
<td>AUD/USD</td>
<td>0.83</td>
</tr>
<tr>
<td>Estimated Mine Life</td>
<td>Years</td>
<td>20</td>
</tr>
</tbody>
</table>

Note:
- There are currently no Measured Resources defined for Carrapateena.
- Test work suggests metallurgical recoveries of around 90% and 70% are achievable for copper and gold respectively. These figures are consistent with OZ Minerals’ experience at its nearby Prominent Hill copper-gold mine.
- Rounding errors occur.
These wireframes show the interpreted limits of the Chalcopyrite envelope and Bornite zones respectively. These domains contain almost the entire resource. Intervals calculated using a 0.3% Cu cut-off grade.

Resource classification is shown in 'stylised' view at Section 737800mE.
Host Rocks / Wall Rocks

- Donington Suite granitoid ~1856 ± 6 Ma

Hematite breccias and mineralisation styles
Other rock types

- Chlorite/hematite breccias
- Volcano-sedimentary breccias
- Mafic dykes
CARRAPATEENA ALTERATION

- **Porous Silica**
  - Depleted in Ti, Zr
  - Sulphides can infill pores
  - Distinct protolith? Carbonate

- **Sericite**
  - In granite, but also seen in Hm Bx rocks
• Chlorite
  • Typically dark green
  • Texture suggests principally occurs as a replacement product, though some formed as hydrothermal infill
  • Early in paragenesis
  • Fe rich ‘Chamosites’
  • Temperature of formation between 250-375°C

• Carbonate / Siderite
  • Mn rich
  • Often exhibits strong cpy minz
  • Replacement of clasts
  • Irregular, corroded textures/shapes
REGIONAL EXPLORATION

‘STARTING TO DELIVER’

KHAMSIN AND FREMANTLE DOCTOR
Residual Gravity Image

10km

KHAMSIN

FREMANTLE DOCTOR

CARRAPATEENA
Australian Selection Pty Ltd, Carpentaria Exploration Co Pty Ltd and JV partners conducted reconnaissance mapping around the Khamsin area (formerly known as Salt Creek).

- Malachite stained shale was found approximately 2km NE of Khamsin.
- Two holes drilled the Salt Creek Prospect intersected granite basement. SASC-2 yielded weakly anomalous Cu.
- Anomalous Cu was interpreted to be at similar stratigraphic level as Olympic Dam which changed the exploration target to IOCG style mineralisation.
KHAMSIN DISCOVERY HISTORY
1980’s

- Carpentaria Exploration (CEC)
- Ground gravity survey followed which identified 1mgal gravity anomaly south of SASC-2.
- SASC-4 drilled this gravity anomaly to depth of 1250m, intersected brecciated granite with hematite and rare sulphides.
- Petrophysics on rocks intersected in SASC-4 showed that they did not explain the gravity anomaly.
- No further work completed at the time, area considered to be too expensive to explore at these depths.
From 1996 to 2003 RMGS entered into a number of joint ventures. Work completed included geophysical surveys and modelling over Salt Creek and Carrapateena anomalies. All JV partners pulled out before any drilling was undertaken.

Through PIRSA PACE program, RMGS was able to fund two diamond holes into the Carrapateena anomaly. The second hole, CAR002 intersected 178.2m @ 1.83% Cu, and 0.64g/t Au.

As part of the JV between RMGS and TECK, two holes were drilled at Khamsin – neither intersected mineralisation.

KH001 intersected basement at 491.2m comprising hematite and chlorite altered granite

KH002 intersected basement at 457.4m comprising variably brecciated, chlorite and hematite altered granite

No further exploration, Carrapateena project put up for sale
Drilling of DD12KMS003 commenced September 2012

Drill angled hole from north to south for a ‘first test’ by OZ Exploration targeting both the Khamsin gravity and magnetic anomalies

Hole intersected IOCG style mineralisation comprising hematite, chlorite and magnetite granite breccia with disseminated chalcopyrite and pyrite

DISCOVERY ANNOUNCED
21 JANUARY 2013
440.6 metres @ 0.43% Cu, 0.08 g/t Au
KHAMSIN DRILL HOLES
Significant Results KMS004 and KMS006

- KMS004 – intersected a broad zone of carbonate, hematite, chlorite granite breccias which hosted bornite and chalcopyrite mineralisation

- KMS004 - 442m @ 0.49% Cu and 0.09 g/t Au from 1380 including 48.5m @ 1.01% Cu and 0.07 g/t Au from 1385.6m

- KMS006 - 334m @ 0.75% Cu from 909m including 108m @ 0.92% Cu, 0.40 g/t Au from 1033
Focus shift to drill and define high grade zones in the west

KMS008 – discovery of higher grade mineralisation on western margin

KMS008 – 701m @ 0.83% Cu, 0.24 g/t Au from 747m including 63m @ 2.75% Cu, 0.15 g/t Au from 777m.

KMS012 – 427m @ 1.03% Cu, 0.28 g/t Au from 879m
KHAMSIN
DRILLING TO DATE (HISTOGRAM Cu PLOTS)

Plan View

Residual Gravity Anomaly

Cu %
- 0.1 to 0.3
- 0.3 to 0.5
- 0.5 to 0.7
- >= 0.7

KMS003
KH001
KMS012
KMS009
KMS011
KH002
KMS006
KMS010
KMS005
KMS007
KMS008
KMS013
KMS002
KMS004

730,000 mE
800m

Residual Gravity Anomaly
Below: Fine grained bornite in hematite and carbonate breccia

Below: Contact between carbonate breccia and fine grained grey hematite breccia with chalcopyrite and bornite

Left: Dendritic chalcopyrite in hematite clast. Clast remobilised and contained in a granite breccia.
• 2km extension of gravity anomaly north east of Carrapateena remains relatively untested

• Significant upside to add “satellite resources” to current Carrapateena resource.

• Existing holes - 5 holes at Fremantle Doctor (3 x OZ Minerals), 4 at Saddle
BUT THERE IS MORE...

FREMANTLE DOCTOR

- Carrapateena style mineralisation intersected at Fremantle Doctor
- DD13FDR005 included 914m @ 0.44 Cu%, 0.27 Au g/t from 920m including 89m @ 1.52% Cu and 1.04 g/t Au from 1033
- Mineralisation remains open in all directions
SUMMARY

• Carrapateena - exploration, evaluation and pre-feasibility well advanced.

• Exciting new regional IOCG discovery at the Khamsin prospect - ‘A large mineralised Copper System’

• Fremantle Doctor and Saddle prospects –‘potential extensions to Carrapateena resource’?

• Regional Exploration – new discoveries are the best way to add value.

• The Stuart Shelf – SA .......‘the place to be’ .......
COMPETENT PERSON’S STATEMENTS

The information in this presentation which refers to Carrapateena Minerals Resources is based on information compiled by Stuart Masters who is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) (108430). Stuart Masters is employed by CS-2 Pty Ltd and is an independent consultant to OZ Minerals. He 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 of Exploration Results, Mineral Resources and Ore Reserves (JORC 2012). Stuart Masters consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Stuart Masters BSc (Geology), CFSG, has over 26 years of relevant experience as a geologist including 9 years in iron-oxide-copper-gold style deposits. Stuart Masters has visited site on many occasions since OZ Minerals acquired the project.

For full details of the 2013 Carrapateena Mineral Resources Statement go to:

http://www.ozminerals.com/operations/resources--reserves.html

Information and Exploration Results relating to Carrapateena exploration within this release are based on information compiled by Mr A Houston BSc who is a full-time employee of OZ Minerals, is a member of the Australian Institute of Geoscientists and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities under taken to qualify as a Competent Person as defined by the JORC code (2004). Mr Houston has consented to the inclusion of the material in the form and context in which it appears within this release.

Information relating to Exploration Results in this presentation was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

For full details of the previously reported Exploration Results for Carrapateena go to:

http://www.ozminerals.com