

# QUARTERLY REPORT

Period ending 31 March 2015

## KEY EVENTS

- Placement and Share Purchase Plan completed raising a total of \$500,000.
- Spargoville RC drill sampling (completed December 2014) confirms and extends highly anomalous gold intercepts at Redback prospect.
  - 9m at 4.78g/t Au from 170m including 4m at 9.05g/t Au
  - 20m at 4.05g/t Au from 195m including 2m at 12.1g/t Au
  - 13m at 3.16g/t Au from 188m including 2m at 6.52g/t Au
  - 9m at 4.97g/t Au from 42m including 1m at 15.3g/t Au and 1m at 13.4g/t Au
- Follow up RC/diamond drilling at Redback completed, for a total of 15 holes for 3,578.1 metres.
- Visible gold logged within nine out of the 13 completed diamond tails.
- RC drilling programme completed at Suplejack prospect in the Tanami (NT).

## **REVIEW OF OPERATIONS**

#### CORPORATE ACTIVITIES

A placement ("Placement") of 100 million fully paid ordinary shares at \$0.002 per share to raise \$200,000 was announced on 21 January 2015. The placement was made to sophisticated and professional investors under the Company's existing 15% placement capacity. The new shares under the placement were allocated on 27 January 2015.

The Company announced a Share Purchase Plan ("SPP") to raise up to \$300,000 on 19 February 2015. The SPP opened on 27 February 2015 and closed on 18 March 2015 with applications received in excess of the capped amount of 150,000,000 new shares. Excess subscription monies were refunded by cheque to the relevant applicants and new shares were allocated on 25 March 2015.

The Company will use the funds raised under the SPP and in the abovementioned placement to:

- progress exploration and resource definition at the Company's Redback Gold Project near Spargoville in WA; and
- provide working capital to the Company.



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#### **EXPLORATION ACTIVITIES**

Western Australia

#### Spargoville Gold Project

During the quarter, exploration within the Spargoville Project comprised drilling a total of two RC drillholes (SPRC111–112) and 14 RC precollars (SPDT001–014) completed for a total of 2,742 metres and 13 NQ2 diamond tails were completed for 836.1 metres (SPDT001–005, SPDT007–014). All drilling was completed at the Redback prospect, (Figure 1).

Results were received from RC drilling completed during December 2014, (23 holes for 3,526 metres, SPRC088–110).

#### SPARGOVILLE RC DRILLING RESULTS

High grade results from reverse circulation (RC) drilling completed during December 2014 were received during the period. The RC drilling was completed at the Redback prospect, within the Company's wholly owned Spargoville Gold Project in the Eastern Goldfields of Western Australia.

The RC drilling, which totalled 23 holes for 3,526 metres, was designed to infill and extend high grade mineralisation to  $10/20m \times 20m$  drill spacing.

Significant high grade results were returned from the Eastern, Central and Western Zones, as well as a potential new mineralised zone located within the footwall felsic unit. More significant results include:

#### Western Zone

- 9 metres at 4.78g/t Au from 170 metres including 4 metres at 9.05g/t Au from 172 metres
- 13 metres at 3.16g/t Au from 188 metres including 2 metres at 6.52g/t Au from 193 metres
- 20 metres at 4.05g/t Au from 195 metres including 2 metres at 12.1g/t Au from 197 metres
- 7 metres at 3.30g/t Au from 129 metres including 2 metres at 7.22g/t Au from 132 metres

#### Central Zone

- 7 metres at 3.74g/t Au from 65 metres including 2 metres at 9.76g/t Au from 69 metres
- 9 metres at 4.97g/t Au from 42 metres including 1 metre at 15.3g/t Au from 42 metres

#### Eastern Zone

• 5 metres at 8.96g/t Au from 186 metres including 1 metre at 15.7g/t Au from 186 metres

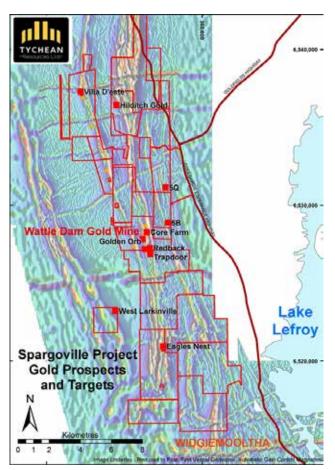


Figure 1 Spargoville Gold Project prospect location plan.

# • 3 metres at 7.42g/t Au from 151 metres including 1 metre at 10.3g/t Au from 153 metres

#### Footwall Zone

• 1 metre at 10.2g/t Au from 179 metres to EOH

All significant ( $\geq$ 1.0g/t Au and  $\geq$ 4 gram metre) results returned from the RC drilling are included as Table 1 and collar details included as Table 2.

The results from the completed extensional drilling at the Redback prospect, has identified further potential for extensions of high grade mineralisation at depth and down plunge to the north associated with the Eastern and Western Zones which remain open.

A maximum result of **9 metres at 4.78g/t Au from 170 metres including 4 metres at 9.05g/t Au from 172 metres** (SPRC088) has been returned in the north, associated with the Western Zone at depth. Significant ( $\geq$ 1.0g/t Au and  $\geq$ 4 ram metre) Western Zone mineralisation has been defined in the north over 100 metres of strike and 100 metres of dip extent and is interpreted to plunge to the north at approximately -60 degrees. Completed RC drilling in the south following up previous Eastern Zone high grade mineralisation, intercepted a maximum result of **3 metres at 7.42g/t Au from 151 metres including 1 metre at 10.3g/t Au from 153 metres**.

Also within the drilling in the south, an intercept of 1 metre at 10.2g/t Au from 179 metres to EOH (SPRC094) was intersected within the footwall felsic unit. This is the first significant mineralised intercept returned within the footwall felsic unit.

**Table 1** Significant ( $\geq$ 1.0g/t Au and  $\geq$ 4 gram metre) intercepts – RC drilling, November 2014.

| Hole ID | From<br>(m) | To<br>(m) | Length<br>(m) | Au<br>(ppm) | Zone           |
|---------|-------------|-----------|---------------|-------------|----------------|
| SPRC088 | 136         | 140       | 4*            | 1.08        | Other          |
|         | 170         | 179       | 9             | 4.78        | Western        |
| incl    | 172         | 176       | 4             | 9.05        | Western        |
|         | 190         | 194       | 4             | 2.84        | Central        |
| SPRC089 | 188         | 198       | 13            | 3.16        | Western        |
| incl    | 193         | 195       | 2             | 6.52        | Western        |
|         | 206         | 210       | 4             | 4.17        | Central        |
| incl    | 207         | 208       | 1             | 9.34        | Central        |
| SPRC090 | 128         | 132       | 4*            | 2.15        | Other          |
|         | 195         | 215       | 20            | 4.05        | Western        |
| incl    | 197         | 199       | 2             | 12.1        | Western        |
| SPRC091 | 162         | 166       | 4             | 2.89        | Western        |
|         | 176         | 179       | 3             | 1.72        | Eastern        |
|         | 196         | 200       | 6             | 4.15        | Eastern        |
| incl    | 199         | 200       | 1             | 8.20        | Eastern        |
| SPRC092 | 56          | 60        | 4*            | 2.5         | Western        |
|         | 65          | 72        | 7             | 3.74        | Central        |
| incl    | 69          | 71        | 2             | 9.76        | Central        |
| SPRC093 | 155         | 158       | 3             | 4.97        | Central        |
| incl    | 156         | 157       | 1             | 9.33        | Central        |
|         | 164         | 169       | 5             | 1.79        | Eastern        |
| incl    | 167         | 168       | 1             | 5.33        | Eastern        |
| SPRC094 | 129         | 136       | 7             | 3.3         | Western        |
| incl    | 132         | 134       | 2             | 7.22        | Western        |
|         | 146         | 149       | 3             | 1.88        | Central        |
|         | 169         | 172       | 3             | 4.21        | Eastern        |
| incl    | 169         | 170       | 1             | 8.03        | Eastern        |
|         | 179         | 180       | 1             | 10.2        | Footwall - EOH |

| Hole ID | From<br>(m) | To<br>(m) | Length<br>(m) | Au<br>(ppm) | Zone      |
|---------|-------------|-----------|---------------|-------------|-----------|
| SPRC098 | 112         | 115       | 3             | 1.38        | Eastern   |
| SPRC099 | 96          | 100       | 4*            | 3.48        | Other     |
|         | 157         | 162       | 5             | 3.2         | Central   |
|         | 166         | 169       | 3             | 2.6         | Central   |
| incl    | 168         | 169       | 1             | 5.74        | Central   |
|         | 197         | 201       | 4             | 2.02        | Eastern   |
| SPRC101 | 56          | 60        | 4*            | 1.32        | Other     |
|         | 122         | 126       | 4             | 4.97        | Western   |
| incl    | 123         | 125       | 2             | 6.36        | Western   |
|         | 186         | 191       | 5             | 8.96        | Eastern   |
| incl    | 186         | 187       | 1             | 15.7        | Eastern   |
| and     | 190         | 191       | 1             | 20.2        | Eastern   |
| SPRC102 | 24          | 28        | 4*            | 9.18        | Western   |
|         | 42          | 51        | 9             | 4.97        | Central   |
| incl    | 42          | 43        | 1             | 15.3        | Central   |
| and     | 48          | 49        | 1             | 13.4        | Central   |
| SPRC104 | 89          | 90        | 1             | 4.47        | Western   |
|         | 111         | 120       | 9             | 2.11        | Central   |
| incl    | 119         | 120       | 1             | 5.15        | Central   |
| SPRC105 | 145         | 153       | 8             | 2.37        | Western   |
| incl    | 151         | 152       | 1             | 7.26        | Western   |
|         | 169         | 172       | 3             | 1.68        | Central   |
|         | 205         | 207       | 2             | 4.86        | Eastern   |
| incl    | 205         | 206       | 1             | 6.27        | Eastern   |
| SPRC107 | 40          | 44        | 4*            | 2.33        | Supergene |
| SPRC108 | 105         | 108       | 3             | 2.88        | Western   |
|         | 111         | 113       | 2             | 4.2         | Western   |
|         | 123         | 126       | 3             | 3.16        | Central   |
| incl    | 124         | 125       | 1             | 5.04        | Central   |
|         | 138         | 145       | 7             | 2.52        | Eastern   |
| incl    | 138         | 139       | 1             | 6.57        | Eastern   |
|         | 151         | 154       | 3             | 7.42        | Eastern   |
| incl    | 153         | 154       | 1             | 10.3        | Eastern   |
| SPRC109 | 76          | 80        | 4*            | 2.12        | Western   |
|         | 84          | 92        | 8             | 2.39        | Central   |
| SPRC110 | 153         | 154       | 1             | 4.57        | Eastern   |

\* Composite interval significant result.

| Hole ID | Easting<br>(GDA) | Northing<br>(GDA) | RL<br>(m) | Azimuth | Dip | Total Depth<br>(m) |
|---------|------------------|-------------------|-----------|---------|-----|--------------------|
| SPRC088 | 356471.98        | 6527288.03        | 336.62    | 90      | -60 | 228                |
| SPRC089 | 356460.15        | 6527309.34        | 336.48    | 90      | -60 | 246                |
| SPRC090 | 356449.42        | 6527330.35        | 336.39    | 90      | -60 | 252                |
| SPRC091 | 356469.09        | 6527329.93        | 336.31    | 90      | -60 | 216                |
| SPRC092 | 356581.18        | 6527168.15        | 336.83    | 90      | -60 | 102                |
| SPRC093 | 356539.26        | 6527167.51        | 336.98    | 90      | -60 | 180                |
| SPRC094 | 356530.43        | 6527199.18        | 336.75    | 90      | -60 | 180                |
| SPRC095 | 356550.54        | 6527328.43        | 335.50    | 90      | -60 | 72                 |
| SPRC096 | 356547.37        | 6527349.54        | 335.51    | 90      | -60 | 60                 |
| SPRC097 | 356529.93        | 6527349.72        | 335.63    | 90      | -60 | 108                |
| SPRC098 | 356509.58        | 6527349.07        | 335.90    | 90      | -60 | 120                |
| SPRC099 | 356491.22        | 6527309.95        | 336.33    | 90      | -60 | 210                |
| SPRC100 | 356521.14        | 6527288.45        | 336.15    | 90      | -60 | 126                |
| SPRC101 | 356501.29        | 6527288.45        | 336.48    | 90      | -60 | 198                |
| SPRC102 | 356561.12        | 6527266.76        | 335.75    | 90      | -60 | 78                 |
| SPRC103 | 356541.74        | 6527264.68        | 336.11    | 90      | -60 | 114                |
| SPRC104 | 356517.33        | 6527264.52        | 336.40    | 90      | -60 | 150                |
| SPRC105 | 356496.31        | 6527267.56        | 336.67    | 90      | -60 | 220                |
| SPRC106 | 356559.88        | 6527248.77        | 335.95    | 90      | -60 | 96                 |
| SPRC107 | 356539.81        | 6527248.04        | 336.15    | 90      | -60 | 120                |
| SPRC108 | 356535.30        | 6527212.22        | 336.52    | 90      | -60 | 168                |
| SPRC109 | 356563.27        | 6527182.91        | 336.57    | 90      | -60 | 120                |
| SPRC110 | 356544.04        | 6527184.51        | 336.71    | 90      | -60 | 162                |

 Table 2
 Drillhole collar details – Redback RC drilling, December 2014.

# SPARGOVILLE COMPLETED RC/DIAMOND DRILLING

During the period a programme of RC and diamond drilling was completed at the Redback prospect within the Company's wholly owned Spargoville Gold Project in the Eastern Goldfields of Western Australia, (Figure 1).

A total of two RC drillholes (SPRC111–112) and 14 RC precollars (SPDT001–014) completed for a total of 2,742 metres. A total of 13 NQ2 diamond tails were completed for 836.1 metres (SPDT001–005, 007 and 014), (Figure 2, Table 4).

Visible gold mineralisation has been logged within nine of the 13 completed diamond tails, interpreted to be associated with the Western, Central and Eastern Zones of mineralisation. A summary of the visible gold locations relative to the interpreted mineralised zones at the Redback prospect is included below, (Table 3). **Table 3** Visible gold intersection summary – RedbackRC/diamond drilling, March 2014.

| Hole    | Visible Gold Occurrences Logged |                 |                 |  |  |  |
|---------|---------------------------------|-----------------|-----------------|--|--|--|
| Number  | Western<br>Zone                 | Central<br>Zone | Eastern<br>Zone |  |  |  |
| SPDT001 |                                 |                 | 9               |  |  |  |
| SPDT002 |                                 | 8               | 2               |  |  |  |
| SPDT004 |                                 | 10              | 3               |  |  |  |
| SPDT008 | 9                               |                 |                 |  |  |  |
| SPDT010 | 12                              |                 |                 |  |  |  |
| SPDT011 | 10                              |                 |                 |  |  |  |
| SPDT012 | 19                              |                 |                 |  |  |  |
| SPDT013 | 16                              |                 |                 |  |  |  |
| SPDT014 | 1                               |                 |                 |  |  |  |
| Total   | 67                              | 18              | 14              |  |  |  |

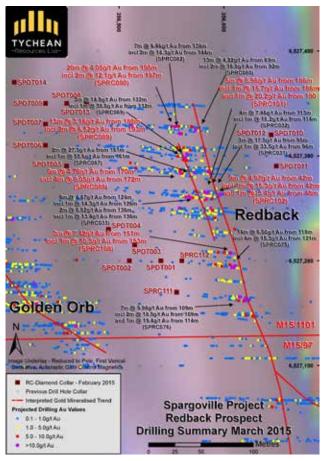


Figure 2 Spargoville Gold Project, Redback drilling summary plan.

The intersected visible gold mineralisation indicates that the Central and Eastern Zones remain open at depth and along a potential plunge direction to the north and/or south, and indicate the Western Zone remains open along strike and down plunge to the north.

**SPDT001** – A total of nine visible gold occurrences, ranging from 0.1mm to 1.1mm, have been identified within a downhole interval of 1.95 metres from 149.05 metres, within carbonate altered actinolite-chlorite ultramafic, quartz-carbonate veining and minor biotite-chlorite veining, interpreted to be associated with Eastern Zone mineralisation. One of the occurrences is depicted in Figure 3.



**Figure 3** Visible gold logged within SPDT001 at 150.92m downhole. Diameter of NQ2 drill core is 50.5mm.

| Hole<br>Number | Easting<br>(GDA Zone 51) | Northing<br>(GDA Zone 51) | RL<br>(m) | Azimuth | Dip | RC<br>(m) | Diamond<br>(m) | Total Depth<br>(m) |
|----------------|--------------------------|---------------------------|-----------|---------|-----|-----------|----------------|--------------------|
| SPDT001        | 6527198.38               | 356540.49                 | 336.60    | 90      | -60 | 90        | 72.8           | 162.8              |
| SPDT002        | 6527200.03               | 356510.52                 | 336.90    | 90      | -60 | 150       | 48.7           | 198.7              |
| SPDT003        | 6527216.25               | 356513.30                 | 336.73    | 90      | -60 | 132       | 51.8           | 183.8              |
| SPDT004        | 6527227.01               | 356490.55                 | 337.14    | 90      | -60 | 150       | 84.8           | 234.8              |
| SPDT005        | 6527287.39               | 356446.84                 | 336.72    | 90      | -60 | 198       | 75.8           | 273.8              |
| SPDT006        | 6527310.33               | 356429.47                 | 336.56    | 90      | -60 | 228       |                | 228                |
| SPDT007        | 6527331.01               | 356427.19                 | 336.41    | 90      | -60 | 228       | 67.3           | 295.3              |
| SPDT008        | 6527348.14               | 356448.95                 | 336.16    | 90      | -60 | 180       | 84.6           | 264.6              |
| SPDT009        | 6527350.74               | 356429.08                 | 336.27    | 90      | -61 | 228       | 72.8           | 300.8              |
| SPDT010        | 6527319.27               | 356642.92                 | 334.57    | 270     | -60 | 162       | 60.3           | 222.3              |
| SPDT011        | 6527289.22               | 356647.02                 | 332.87    | 270     | -57 | 138       | 54.7           | 192.7              |
| SPDT012        | 6527318.78               | 356641.92                 | 334.54    | 270     | -57 | 156       | 38.7           | 194.7              |
| SPDT013        | 6527346.43               | 356464.50                 | 336.21    | 90      | -60 | 162       | 74.9           | 236.9              |
| SPDT014        | 6527370.17               | 356398.76                 | 336.44    | 90      | -55 | 240       | 48.9           | 288.9              |
| SPRC111        | 6527166.14               | 356552.68                 | 336.79    | 90      | -60 | 168       |                | 168                |
| SPRC112        | 6527197.95               | 356559.23                 | 336.45    | 90      | -60 | 132       |                | 132                |

 Table 4
 Drill hole collar details – Redback RC/diamond drilling, March 2014.

**SPDT002** – A total of 10 visible gold occurrences, ranging from 0.1mm to 2mm, have been logged, interpreted to be associated with the Central and Eastern Zones. Eight of the occurrences were logged within a 1.1 metre interval from 167.05 metres, within carbonate altered actinolite-chlorite ultramafic and quartz-carbonate veining, interpreted to be associated with Central Zone mineralisation.

The remaining two occurrences within SPDT002 were logged within a downhole interval of 0.2 metres from 177.00 metres, within a 0.6m interval of moderately biotite altered, sheared sulphidic sediment interpreted to be associated with Eastern Zone mineralisation. The alteration and host to the visible gold is comparable to the one of the hosts of the high grade mineralisation at the Wattle Dam Gold Mine. One of the occurrences is depicted in Figure 4.

**SPDT004** – A total of 13 visible gold occurrences, ranging from 0.1mm to 2mm (Figure 5), have been logged, interpreted to be associated with the Central and Eastern Zones. Ten of the occurrences were logged within a 1.3 metre interval from 214.30 metres, within carbonate altered actinolite-chlorite ultramafic and quartz-carbonate ( $\pm$  chlorite) veining, interpreted to be associated with Central Zone mineralisation. One of the occurrences is depicted in Figure 5.

The remaining three occurrences within SPDT004 were logged downhole at 225.08 metres and 229.98 metres within a strongly carbonate altered actinolite-chlorite ultramafic, interpreted to be associated with Eastern Zone mineralisation.



**Figure 4** Visible gold logged within SPDT002 at 177.01m downhole. Scale in centimetres.



**Figure 5** Visible gold logged within SPDT004 at 215.36m downhole.

**SPDT008** – A total of nine visible gold occurrences, ranging from 0.1mm to 1mm have been identified within a downhole interval of 2.85 metres from 216.60 metres, within actinolite/tremolite-chlorite ultramafics and quartz-carbonate veining, interpreted to be associated with Western Zone mineralisation. One of the occurrences is depicted in Figure 6.

**SPDT010** (previously reported) – A total of 12 visible gold occurrences, ranging from 0.1mm to 2mm, have been identified within a downhole interval of 9.65 metres from 199.55 metres within actinolite-chlorite ultramafic lithologies and quartz-carbonate veining, interpreted to be associated with Western Zone mineralisation. One occurrence identified within the drillhole is depicted in Figure 7.

**SPDT011** (previously reported) – A total of 10 visible gold occurrences, ranging from 0.1mm to 1mm, have been identified. Ten of the occurrences have been identified within a downhole interval of 3.05 metres from 206.15 metres, within chlorite-tremolite ultramafic lithologies and quartz-carbonate veining, interpreted to be associated with Western Zone mineralisation.

**SPDT012** – A total of 19 visible gold occurrences, ranging from 0.1mm to 0.5mm, have been identified within a downhole interval of 4.05 metres from 176.00 metres, within actinolite-chlorite ultramafics and quartz-carbonate veining, interpreted to be associated with Western Zone mineralisation. One of the occurrences is depicted in Figure 8.



**Figure 6** Visible gold logged within SPDT008 at 219.43m downhole. Scale in centimetres.



**Figure 8** Visible gold logged within SPDT012 at 177.13m downhole. Diameter of NQ2 drill core is 50.5mm.



**Figure 7** Redback Prospect – One of the 12 visible gold occurrences identified within NQ2 drill core (diameter 50.5mm) from drill hole, SPDT010 at 207.28 metres. Three coarse clusters of gold circled in yellow with several smaller specks of gold scattered throughout broken core surface.

**SPDT013** – A total of 16 visible gold occurrences, ranging from 0.1mm to 1.0mm, have been identified within a downhole interval of 4.05 metres from 176.00 metres, within actinolite-chlorite ultramafics and quartz-carbonate veining, interpreted to be associated with Western Zone mineralisation. One of the occurrences is depicted in Figure 9.



**Figure 9** Visible gold logged within SPDT013 at 183.42m downhole. Scale in centimetres.

**SPDT014** – A single visible gold occurrence, 0.1mm, has been identified at a downhole depth of 260.30 metres, within an actinolite-chlorite ultramafic, interpreted to be associated with Western Zone mineralisation.

Further RC and diamond drilling is currently being planned to further test the extensions of the zones of visible gold mineralisation and will be updated once all assay results are received.

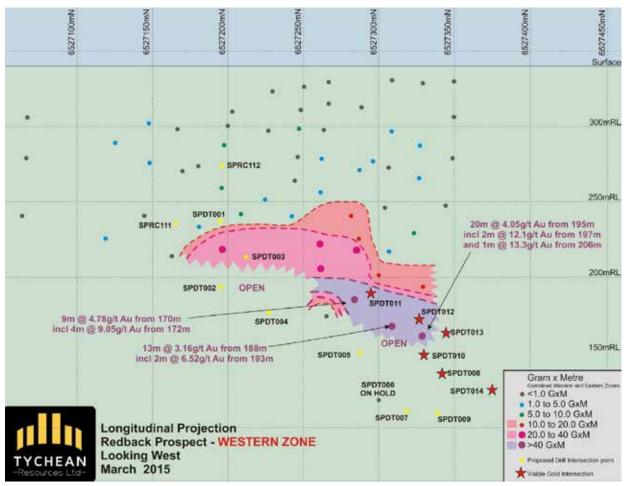


Figure 10 Spargoville Gold Project – Redback Prospect Western Zone longitudinal projection.

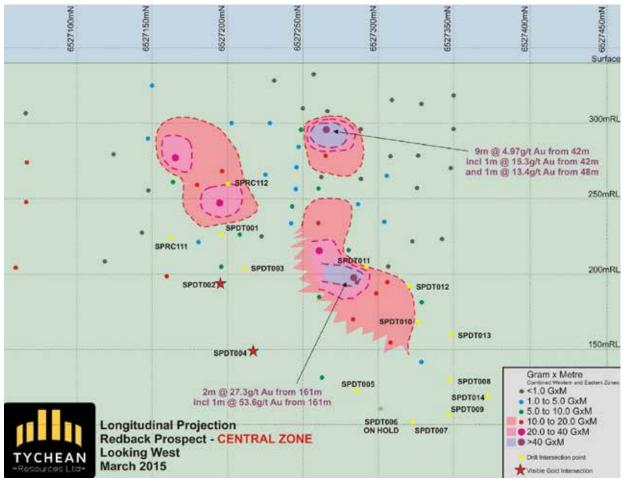


Figure 11 Spargoville Gold Project – Redback Prospect Central Zone longitudinal projection.

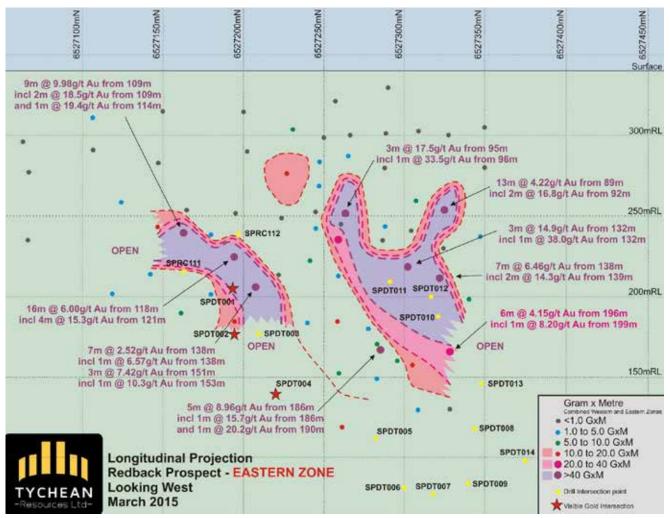


Figure 12 Spargoville Gold Project – Redback Prospect Eastern Zone longitudinal projection.

#### Northern Territory

# TANAMI FARM-IN AND JOINT VENTURE AGREEMENT

Tanami joint venture partner, Ramelius Resources Limited [RMS], advised that an RC drilling programme was completed at the Suplejack prospect [EL 26625] (Figure 13) between 23 and 27 March 2015, with 15 holes drilled for a total of 1206 metres. Analytical results for gold are expected by mid-April 2015.

Final copies of the Mineral Exploration Agreement for the following groupings of ELAs have been received from the Central Land Council:

- ELAs 27921, 27997 & 28493. Groundrush; Mt. Solitaire; Groundrush South:
- ELAs 27995, 29829 and 27511. Officer Hill South; Highland Rocks 2; Highland Rocks:

Tanami joint venture partner, Ramelius Resources Limited, advised Tychean Resources Limited on 23 February 2015, that they had met their minimum expenditure commitment under the terms of the farm-in and joint venture agreement.

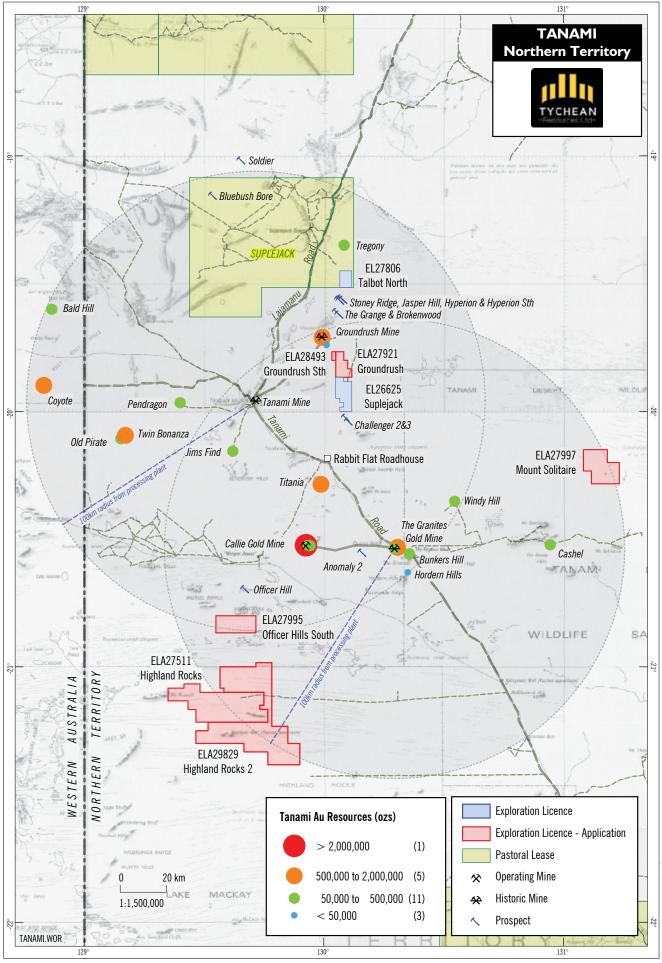


Figure 13 Tanami Project location.

#### **Competent Persons Statement**

The information contained in this release that relates to exploration results, mineralisation and target generation is based on information compiled by Mr Matthew Svensson, who is a Member of the Australasian Institute of Geologists (MAIG) and a full time employee of the Company. Mr. Svensson 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". Mr Svensson consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

This announcement contains previously announced TYK exploration results.

**28/03/2014** - High grade gold in new results from Spargoville in WA

**02/05/2014** - Spargoville (WA) – aircore gold resample results

**22/09/2014** - High grade single metre gold results from Spargoville WA

**05/12/2014** – Redback prospect high grade gold results

**20/01/2015** - More Redback prospect high grade gold results

**05/03/2015** – Visible gold in first diamond drilling at Redback prospect

23/03/2015 – Further visible gold at Redback prospect

The Company is not aware of any new information or data, which hasn't been previously reported, that materially affects the information included in the current market announcement.

Jac Hunder V

Joe Houldsworth MANAGING DIRECTOR

For further information please contact:

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Investor relations: **Mr Duncan Gordon,** Executive Director, Adelaide Equity Partners on 0404 006 444 Further information relating to Tychean Resources Ltd and its various exploration projects can be found on its website: www.tycheanresources.com

#### SCHEDULE OF INTERESTS IN MINING TENEMENTS

As at 31 March 2015

|              |          |               | 1     |         |                         |  |
|--------------|----------|---------------|-------|---------|-------------------------|--|
| Project      | Tenement | Lease name    | State | Status  | % held by TYK           | Holders  |
| Spargoville  | M15/1475 | Eagles Nest   | WA    | Granted | 100%                    | Tychean Resources Ltd                          |
| Spargoville  | E15/967  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | E15/968  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | L15/128  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | L15/255  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | M15/395  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | M15/703  | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | P15/5860 | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | P15/4884 | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | P15/4885 | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | P15/4963 | Kambalda West | WA    | Granted | 100% – No nickel rights | Tychean Resources Ltd                          |
| Spargoville  | M15/1448 | Hilditch      | WA    | Granted | 90%                     | Bullabulling Pty Ltd<br>Tychean Resources Ltd  |
| Spargoville  | M15/1449 | Larkinville   | WA    | Granted | 75%<br>80% Ni rights    | Tychean Resources Ltd<br>Pioneer Resources Ltd |
| Spargoville  | P15/5912 | Villa Deste   | WA    | Granted | 75%<br>80% Ni rights    | Tychean Resources Ltd<br>Pioneer Resources Ltd |
| Spargoville  | M15/100  | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/101  | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/102  | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/1271 | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/653  | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville- | M15/97   | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/99   | North Widgie  | WA    | Granted | 100% AU rights only     | Australian Nickel Mines Pty                    |
| Spargoville  | M15/1101 | Wattle Dam    | WA    | Granted | 100%<br>80% Ni rights   | Tychean Resources Ltd                          |
| Spargoville  | M15/1263 | Wattle Dam    | WA    | Granted | 100%<br>80% Ni rights   | Tychean Resources Ltd                          |
| Spargoville  | M15/1264 | Wattle Dam    | WA    | Granted | 100%<br>80% Ni rights   | Tychean Resources Ltd                          |
| Spargoville  | M15/1323 | Wattle Dam    | WA    | Granted | 100%<br>80% Ni rights   | Tychean Resources Ltd                          |

| Project      | Tenement | Lease name          | State | Status  | % held by TYK         | Holders                        |
|--------------|----------|---------------------|-------|---------|-----------------------|--------------------------------|
| Spargoville  | M15/1338 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1474 | Wattle Dam          | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Spargoville  | M15/1769 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1770 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1771 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1772 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1773 | Wattle Dam          | WA    | Granted | 100%<br>80% Ni rights | Tychean Resources Ltd          |
| Spargoville  | M15/1774 | Wattle Dam          | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Spargoville  | M15/1775 | Wattle Dam          | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Spargoville  | M15/1776 | Wattle Dam          | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Spargoville  | P15/5953 | Wattle Dam          | WA    | Pending | 100%                  | Tychean Resources Ltd          |
| Valley Floor | E15/1249 | Lake Lefroy         | WA    | Granted | 100%                  | Valley Floor Resources Pty Ltd |
| Valley Floor | E15/1399 | Lefroy South        | WA    | Granted | 100%                  | Valley Floor Resources Pty Ltd |
| Valley Floor | E15/1434 | Valley Floor Ext    | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Valley Floor | E15/1438 | Valley Floor Ext    | WA    | Granted | 100%                  | Tychean Resources Ltd          |
| Tanami       | EL 26625 | Suplejack           | NT    | Granted | 100%                  | Tychean Resources Limited      |
| Tanami       | EL 27511 | Highland Rocks      | NT    | Pending | 100%                  | Tychean Tanami Pty Ltd         |
| Tanami       | EL 27806 | Talbot North        | NT    | Granted | 100%                  | Tychean Tanami Pty Ltd         |
| Tanami       | EL 27921 | Groundrush          | NT    | Pending | 100%                  | Tychean Resources Limited      |
| Tanami       | EL 27995 | Officer Hills South | NT    | Pending | 100%                  | Tychean Resources Limited      |
| Tanami       | EL 27997 | Mount Solitaire     | NT    | Pending | 100%                  | Tychean Resources Limited      |
| Tanami       | EL 28493 | Groundrush South    | NT    | Pending | 100%                  | Tychean Resources Limited      |
| Tanami       | EL 29829 | Highland Rocks 2    | NT    | Pending | 100%                  | Tychean Tanami Pty Ltd         |

Rule 5.5

# **Appendix 5B**

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/2013

| Name of entity<br>TYCHEAN RESOURCES LTD |                                  |
|---|----------------------------------|
| ABN                                     | Quarter ended ("current quarter" |
| 40 119 031 864                          | 31 MARCH 2015                    |

### Consolidated statement of cash flows

| Cash | flows related to operating activities   | Current quarter<br>\$A'000 | Year to date (9<br>months)<br>\$A'000 |
|------|---|----------------------------|---------------------------------------|
| 1.1  | Receipts from product sales and related debtors   |                            |                                       |
| 1.2  | Payments for (a) exploration & evaluation<br>(b) development<br>(c) production  | (191)                      | (1,482)                               |
|      | (d) administration  | (143)                      | (559)                                 |
| 1.3  | Dividends received  |                            |                                       |
| 1.4  | Interest and other items of a similar nature received   | 1                          | 14                                    |
| 1.5  | Interest and other costs of finance paid  |                            |                                       |
| 1.6  | Income taxes paid   |                            |                                       |
| 1.7  | Other (provide details if material)   |                            |                                       |
|      | Net Operating Cash Flows  | (333)                      | (2,027)                               |
| 1.8  | Cash flows related to investing activities<br>Payment for purchases of: (a) prospects<br>(b) equity investments<br>(c) other fixed assets |                            |                                       |
| 1.9  | Proceeds from sale of: (a) prospects<br>(b) equity investments<br>(c) other fixed assets  |                            |                                       |
| 1.10 | Loans to other entities   |                            |                                       |
| 1.11 | Loans repaid by other entities  |                            |                                       |
| 1.12 | Other (provide details if material)   |                            |                                       |
|      |   | -                          | -                                     |
|      | Net investing cash flows  |                            |                                       |
| 1.13 | Total operating and investing cash flows (carried forward)  | (333)                      | (2,027)                               |

<sup>+</sup> See chapter 19 for defined terms.

| 1.13 | Total operating and investing cash flows (brought forward) | (333) | (2,027) |
|------|--|-------|---------|
|      |  |       |         |
|      | Cash flows related to financing activities                 |       |         |
| 1.14 | Proceeds from issues of shares, options, etc.              | 500   | 1,312   |
| 1.15 | Proceeds from sale of forfeited shares                     |       |         |
| 1.16 | Proceeds from borrowings                                   |       |         |
| 1.17 | Repayment of borrowings                                    |       |         |
| 1.18 | Dividends paid   |       |         |
| 1.19 | Other (provide details if material)                        | (42)  | (121)   |
|      | Net financing cash flows                                   | 458   | 1,191   |
|      |  |       |         |
|      | Net increase (decrease) in cash held                       | 125   | (836)   |
| 1.20 | Cash at beginning of quarter/year to date                  | 138   | 1,099   |
| 1.21 | Exchange rate adjustments to item 1.20                     | -     |         |
| 1.22 | Cash at end of quarter                                     | 263   | 263     |

# Payments to directors of the entity, associates of the directors, related entities of the entity and associates of the related entities

|      |  | Current quarter<br>\$A'ooo |
|------|--|----------------------------|
| 1.23 | Aggregate amount of payments to the parties included in item 1.2 | (76)                       |
| 1.24 | Aggregate amount of loans to the parties included in item 1.10   | -                          |
| 1.25 | Explanation necessary for an understanding of the transactions   | 1                          |

# Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

<sup>+</sup> See chapter 19 for defined terms.

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

#### Financing facilities available

Add notes as necessary for an understanding of the position.

|     |                             | Amount available<br>\$A'ooo | Amount used<br>\$A'000 |
|-----|-----------------------------|-----------------------------|------------------------|
| 3.1 | Loan facilities             |                             |                        |
| 3.2 | Credit standby arrangements |                             |                        |

### Estimated cash outflows for next quarter

|     |                            | \$A'ooo |
|-----|----------------------------|---------|
| 4.1 | Exploration and evaluation | (391)   |
| 4.2 | Development                |         |
| 4.3 | Production                 |         |
| 4.4 | Administration             | (192)   |
|     | Total                      | (583)   |

## **Reconciliation of cash**

| show | nciliation of cash at the end of the quarter (as<br>m in the consolidated statement of cash flows)<br>e related items in the accounts is as follows. | Current quarter<br>\$A'ooo | Previous quarter<br>\$A'ooo |
|------|--|----------------------------|-----------------------------|
| 5.1  | Cash on hand and at bank   | 263                        | 138                         |
| 5.2  | Deposits at call   |                            |                             |
| 5.3  | Bank overdraft   |                            |                             |
| 5.4  | Other (provide details)  |                            |                             |
|      | Total: cash at end of quarter (item 1.22)  | 263                        | 138                         |

<sup>+</sup> See chapter 19 for defined terms.

## Changes in interests in mining tenements and petroleum tenements

|     |   | Tenement<br>reference<br>and<br>location | Nature of interest<br>(note (2)) | Interest at<br>beginning<br>of quarter | Interest at<br>end of<br>quarter |
|-----|---|--|----------------------------------|--|----------------------------------|
| 6.1 | Interests in mining<br>tenements and<br>petroleum tenements<br>relinquished, reduced<br>or lapsed | P15/4765                                 | Holder                           | 75%                                    | 0%                               |
| 6.2 | Interests in mining<br>tenements and<br>petroleum tenements<br>acquired or increased              |  |                                  |  |                                  |

### Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

|     |   | Total number      | Number quoted     | Issue price per<br>security (see<br>note 3) (cents) | Amount paid up<br>per security (see<br>note 3) (cents) |
|-----|---|-------------------|-------------------|---|--|
| 7.1 | Preference<br>+securities<br>(description)  |                   |                   |   | , (,   |
| 7.2 | Changes during<br>quarter<br>(a) Increases<br>through issues<br>(b) Decreases<br>through returns<br>of capital, buy-<br>backs,<br>redemptions |                   |                   |   |  |
| 7.3 | <sup>+</sup> Ordinary<br>securities   | 2,253,631,175     | 2,253,631,175     |   |  |
| 7.4 | Changes during<br>quarter<br>(a) Increases<br>through issues<br>(b) Decreases<br>through returns<br>of capital, buy-<br>backs                 | 250,000,000<br>85 | 250,000,000<br>85 | \$0.002<br>\$0.006                                  | \$0.002<br>\$0.006                                     |
| 7.5 | *Convertible<br>debt<br>securities<br>(description)   |                   |                   |   |  |

<sup>+</sup> See chapter 19 for defined terms.

#### Appendix 5B Mining exploration entity and oil and gas exploration entity quarterly report

| 7.6  | Changes during<br>quarter<br>(a) Increases<br>through issues<br>(b) Decreases<br>through<br>securities<br>matured,<br>converted |             |             |                           |                             |
|------|---|-------------|-------------|---------------------------|-----------------------------|
| 7.7  | <b>Options</b><br>(description and<br>conversion<br>factor)   | 318,377,195 | 318,377,195 | Exercise price<br>\$0.006 | Expiry date<br>30 June 2015 |
| 7.8  | Issued during quarter   |             |             |                           |                             |
| 7.9  | Exercised<br>during quarter   | 85          | 85          | \$0.006                   | 30 June 2015                |
| 7.10 | Expired during<br>quarter   |             |             |                           |                             |
| 7.11 | <b>Debentures</b> (totals only)   |             |             |                           |                             |
| 7.12 | <b>Unsecured</b><br><b>notes</b> (totals<br>only)   |             |             |                           |                             |

# **Compliance statement**

- <sup>1</sup> This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 5).
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here:

(Company secretary)

29 April 2015 Date: .....

Justin Nelson
Print name:

<sup>+</sup> See chapter 19 for defined terms.

## Notes

- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements and petroleum tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement or petroleum tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 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.
- 5 Accounting Standards ASX will accept, for example, the use of International Financial Reporting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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<sup>+</sup> See chapter 19 for defined terms.