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## NTM GOLD OPERATIONS

# QUARTERLY ACTIVITIES REPORT

JUNE 2016

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### HIGHLIGHTS FOR PERIOD

- Completion of a 10 hole RC drilling programme at Golden Terrace South designed to better define high grade zones within conceptual Phase 1 open pit confirmed a robust shoot returning numerous significant intercepts. (ASX releases 6 June, 12 July 2016)

#### 5m COMPOSITE RESULT AV.

**15m @ 14.47g/t**

**65m @ 4.46g/t**

**91m @ 3.88g/t**

#### 1m SAMPLE RESULT AV.

in GTRC 381 **12m @ 16.68g/t**

in GTRC 386 **66m @ 3.70g/t**

in GTRC 387 **16m @ 4.98g/t & 44m @ 6.41g/t**

- Outstanding composite sampling intercepts were well supported by results from single metre splits
- Raising of funds in excess of \$1million recently via placement and sale of assets (post 30 June) has facilitated continuation of exploration to advance the Redcliffe Gold Project. The aim is to focus on high grade areas capable of increasing both oxide and primary gold resources.
- Targets within the Redcliffe Gold Project were reviewed with RC drilling at Kelly and further RC and diamond core at GTS drilling programmes considered a priority.
- Deep diamond core drilling is underway at the Nambi Deposit, aiming to intersect and extend the mineralised zones. The drilling programme is being co-funded by the WA Department of Mines and Petroleum (DMP) under the 2016 Exploration Incentive Scheme whereby 50% of direct drilling costs up to \$75,000 will be contributed toward the program.

### REDCLIFFE GOLD PROJECT

The Company has a 100% beneficial interest in the Redcliffe Gold Project which is located 45-60km northeast of Leonora in the Eastern Goldfields Region of Western Australia. The Leonora district offers excellent mining infrastructure and hosts several multi-million ounce gold deposits including Sons of Gwalia (5.1 Moz), Tarmoola (3.1 Moz) and Tower Hill (1.5 Moz).

The Redcliffe Gold Project covers approximately 120 sqkm of tenure along the Mertondale Shear Zone (MSZ), a highly prospective regional scale mineralising structure. The tenements, including four granted mining leases contain numerous advanced prospects and resources both as unmined gold discoveries and extensions of mineralisation beneath previously mined open pits.

**OPERATIONAL**

During the quarter, a number of targets within the Redcliffe Gold project were reviewed and drilling programmes planned. The aim is to focus on high grade areas capable of increasing both oxide and primary gold resources. Exploration targeting primary high grade gold mineralisation at depth has been minimal in the past, and as such no modern day underground operations exist along the Mertondale Shear Zone, despite the presence of numerous shallow oxide deposits/prospects. The Company is of the firm belief that this is most likely due to minimal exploration at depth and is confident that focussed exploration could result in further discoveries and extensions to resources.

**GOLDEN TERRACE SOUTH (GTS)**

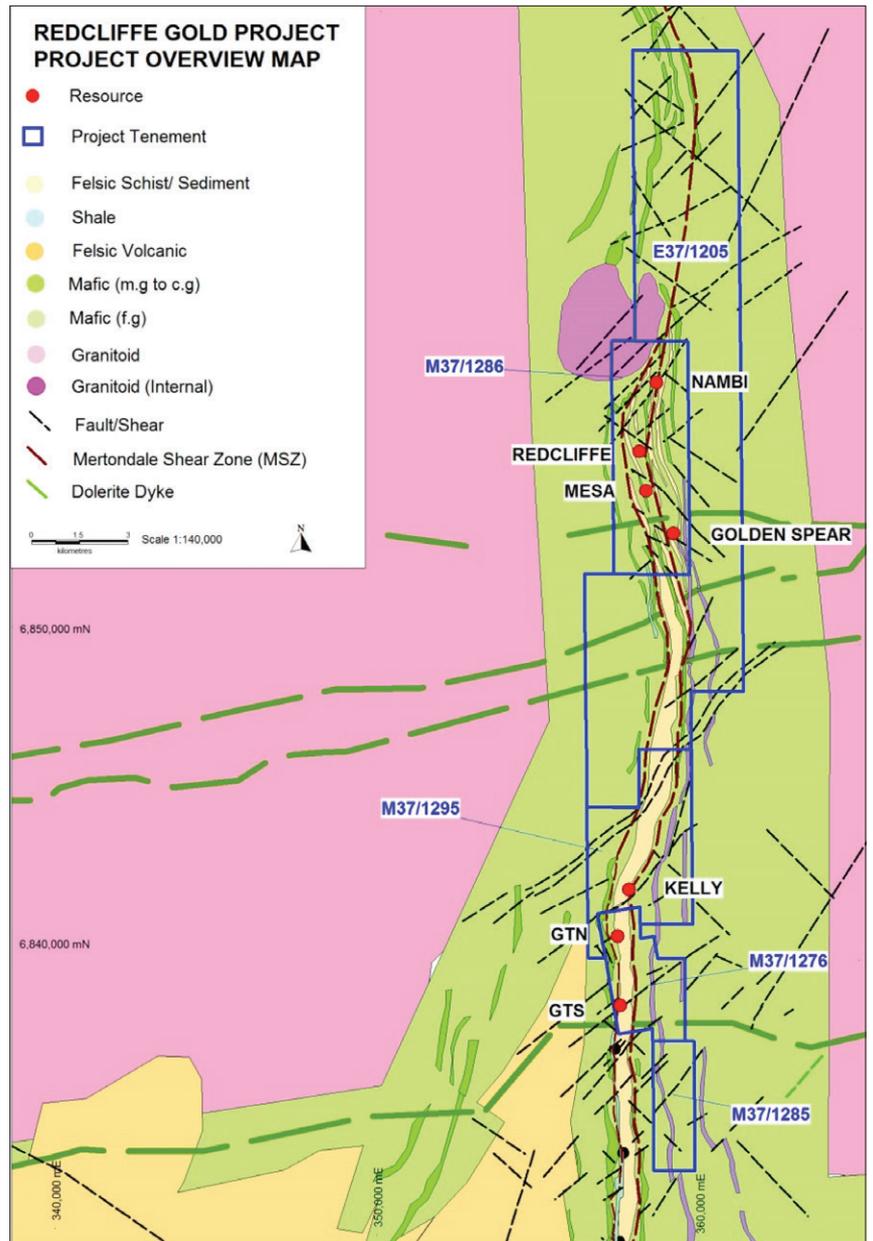
The GTS deposit is the most advanced gold deposit within the project area. Ten RC holes were completed for a total of 1150 metres. (See releases 6-6-2016 and 12-7-2016 for full technical details)

The primary aim of these holes was to more accurately define the extent, geometry, and grade of critical high grade oxide gold zones. These zones are largely within the conceptual “phase 1 open pit” being considered to exploit the oxide/supergene zones although several of the deeper intersections extend outside the current mineralised envelope.

Composite samples over 5 metres were collected and submitted for assay to broadly delineate mineralised zones requiring assay of single metre splits (composites are not used in resource calculations and are used as a guide only).

**SELECTED RESULTS FROM 5 METRE COMPOSITE SAMPLES**

<b>15m @ 14.47g/t</b>	from 85m to 100m EOH in GTRC 381
<b>40m @ 4.35g/t</b>	from 30m to 70m including
<b>20m @ 6.98g/t</b>	from 50m to 70m from GTRC 382
<b>60m @ 4.04g/t</b>	from 70m to 120m EOH in GTRC 385
<b>65m @ 4.46g/t</b>	from 60m to 125m in GTRC 386
<b>91m @ 3.88g/t</b>	from 35m to 126m EOH in GTRC 387





## Sampling Procedure and Results

Drill chips are collected for each metre advance of RC drill holes samples from which a single metre sample is riffle split and saved for later assaying if required. A sub sample is collected from the remainder of the sample and composited over 5m intervals. The 5m composite assay results reported herein will not be used in resource calculations but give an overview of mineralisation and provide a guide as to which intervals require the individual samples to be assayed.

Subsequent to the Quarter end, results from the single meter assays were also processed and largely supported the initial composite results.

### SELECTED RESULTS FROM SINGLE METRE SAMPLES

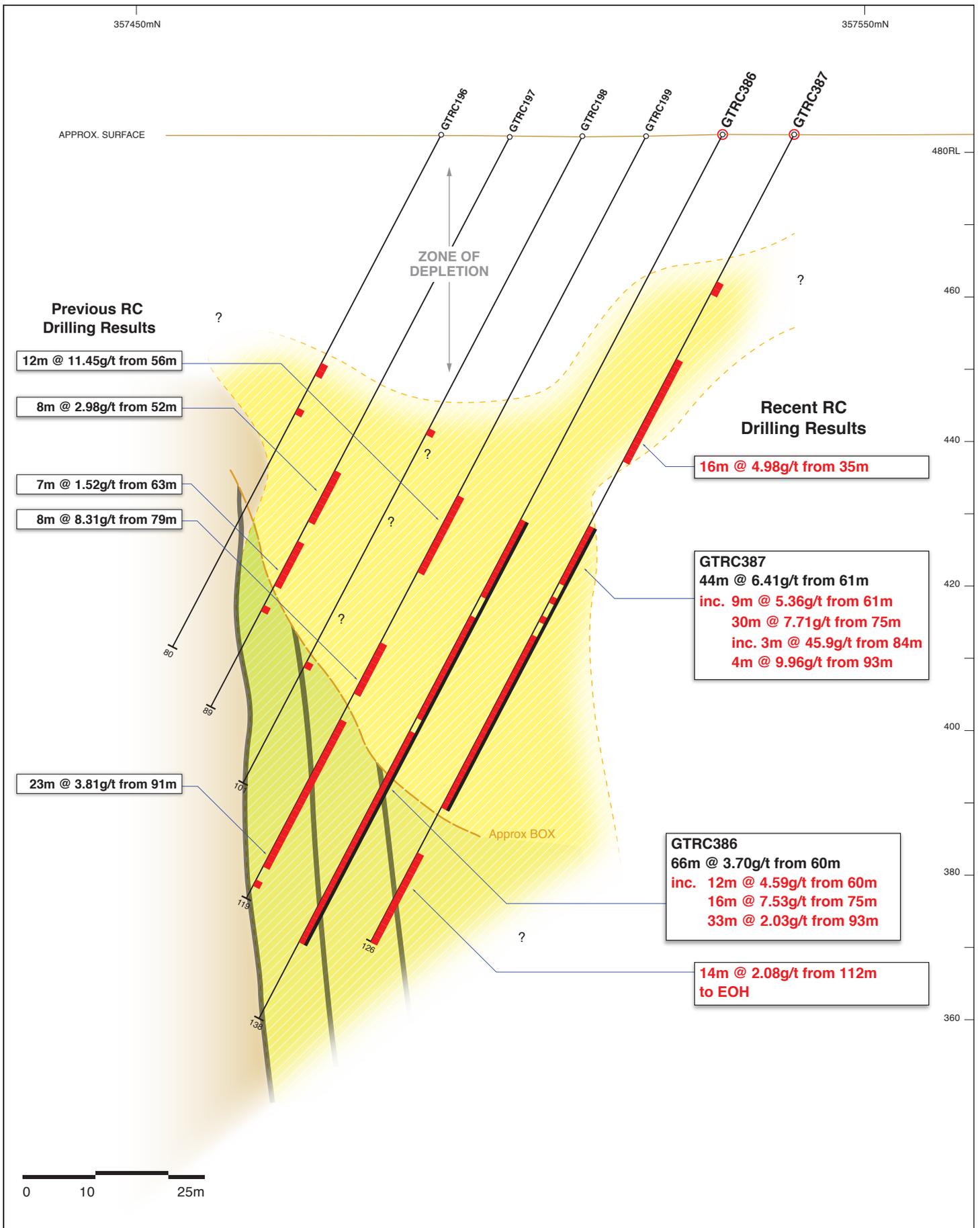
<b>6m @ 6.08g/t</b>	from 41m to 47m in GTRC 378
<b>19m @ 3.8g/t</b>	from 77m to 96m in GTRC 379
<b>12m @ 16.68g/t</b>	from 88m to 100m to EOH
Inc: <b>2m @ 61.7g/t</b>	from 89m to 91m in GTRC381
<b>11m @ 3.17g/t</b>	from 34m to 45m
Plus <b>17m @ 6.45g/t</b>	from 53m to 70m
Inc: <b>6m @ 11.74g/t</b>	from 60m to 66m in GTRC382
<b>9m @ 4.29g/t</b>	from 56m to 65m in GTRC383
<b>15m @ 5.78g/t</b>	from 71m to 86m in GTRC384
<b>12m @ 11.37g/t</b>	from 77m to 89m
Inc: <b>4m @ 24.8g/t</b>	from 78m in GTRC385
<b>12m @ 4.59g/t</b>	from 60m to 72m
Plus <b>16m @ 7.53g/t</b>	from 75m to 91m
Within <b>66m @ 3.70g/t</b>	from 60m to 126m in GTRC386
<b>16m @ 4.98g/t</b>	from 35m to 51m
Plus <b>30m @ 7.71g/t</b>	from 75m to 105m
Inc: <b>3m @ 45.9g/t</b>	from 84 to 87m
Within <b>44m @ 6.41g/t</b>	from 61m to 105m in GTRC387

The current JORC 2004 compliant resource estimate for GTS is 90,000 ounces. (1,391,000t @ 2.02g/t, of which 707,000t @ 2.46g/t for 56,000oz is classified as Indicated and 684,000 @ 1.56g/t for 34,000oz as Inferred).

Results from single metre assays and geological information has been incorporated into the Project database and consultants engaged to re-estimate the Golden Terrace South resource to JORC 2012 compliance.

The Mining Execution plan is to be reviewed along with financial studies to incorporate the new information and current gold price to enable decisions to be made on potential development scenarios.

To date, only limited deeper RC drilling has been completed at GTS targeting high grade primary mineralised zones. The Company plans further diamond drilling to gain geological and structural information of these high grade zones and to define extensions at depth.



**Golden Terrace South  
Section 6838270mN**

Section looking North +/-10m  
Drill hole intercept, metres at g/t gold  
July 2016 GDA 94 Zone 51



- Drill holes**
- >0.5g/t
  - Drill hole (RC)
  - ⊙ June 2016 Drill hole (RC)

- Geology**
- Anomalous gold +0.1g/t
  - Felsic - Intermediate schist
  - Shale (black)
  - Sediment (fine grained)
  - B.O.X = Base Of Oxidation

## NAMBI DEEPS

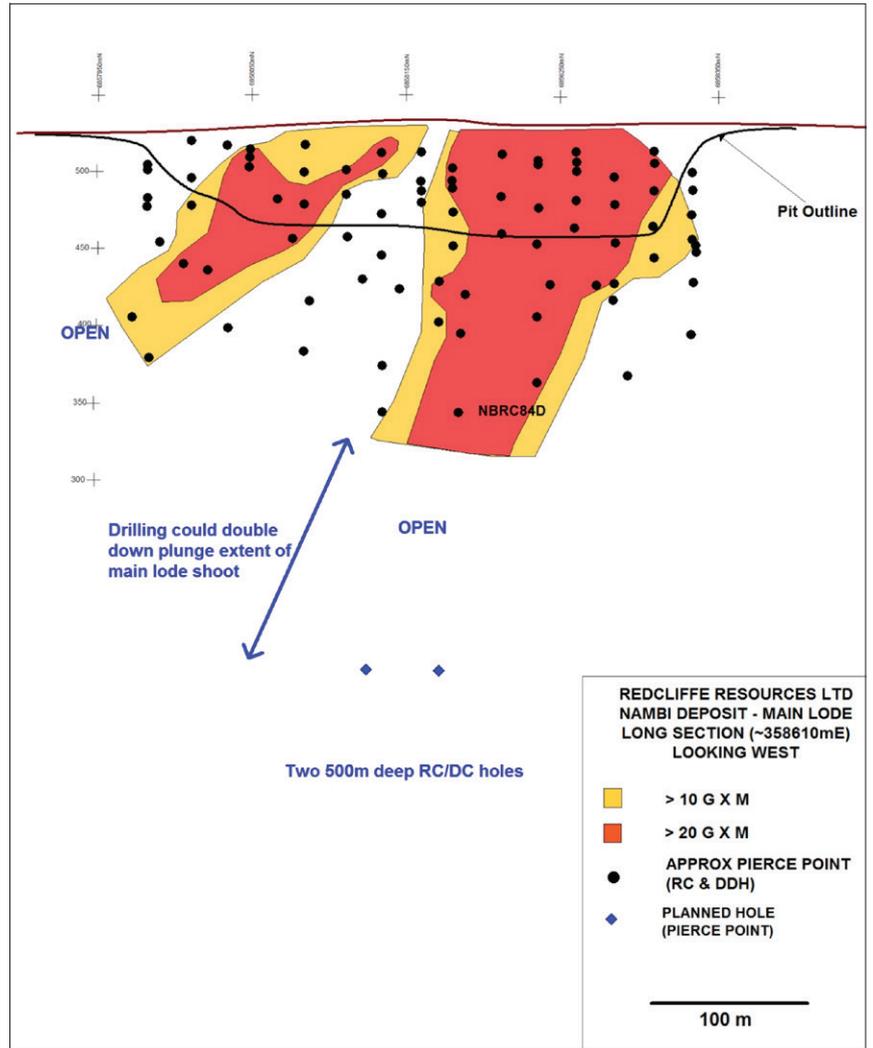
Deep diamond core drilling is underway at Nambi and is being co-funded by the WA Department of Mines and Petroleum (DMP) under the 2016 Exploration Incentive Scheme whereby 50% of direct drilling costs up to \$75,000 will be contributed toward the program.

The Nambi Deposit is located approximately 20km north of GTS along the Mertondale Shear Zone. Open pit mining at Nambi was completed during the 1990’s with a reported production of 32,000oz at +3 g/t gold. The current Resource estimate (Coffey Mining 2008) for Nambi totals 0.56Mt @ 2.88 g/t for **52,000oz**. This is further divided into categories: Indicated (0.262Mt @ 3.30g/t) and Inferred (0.298Mt @ 2.50 g/t).

Mineralisation at Nambi is hosted within a steep dipping sequence of strongly foliated to mylonitised basalts, felsics, shales and interflow sediments with later dyke intrusions. The mineralised mylonite is characterized by intense silica-pyrite-pyrrhotite-sericite alteration with sporadic grey and blue quartz veining.

Previous drilling campaigns testing depth extensions beneath the Nambi Open Pit successfully delineated the Main Lode shoot, although deeper drilling was hampered by excessive hole deviation. Of the two historical deeper holes completed, NBRC084D returned **4.9m @ 4.6 g/t** (inc 1m @ 14 g/t) from 212m down hole in the interpreted Main Lode position. The Main Lode shoot, together with depth extensions to the E1 and E2 lodes remain to be fully defined at depth. The two deep drill holes proposed as part of the EIS programme will also test the Eastern Lode positions.

The Company is hopeful that if successful, the current drilling could lead to the addition of significant higher grade ounces to the current resource estimates.



Nambi Deeps – Schematic Longitudinal Section (~358610mE) – Main Lode



## MANGANESE ASSETS

The Company's manganese assets in the Northern Territory are to be divested.

## CORPORATE

In progressing the Company's strategic goals, developing the Company's Redcliffe gold project, and working to build shareholder value, the board and management continues to evolve.

During the quarter Mr McFarlane stepped down as chairman in favour of Mr Foster who is to oversee the technical operations. Mr McFarlane appointed Mr Garry Goyne as his alternate. At the end of June Mr Lloyd Jones' role reverted from Managing Director to Executive Director completing transition of activities of the merged entity.

The board has welcomed the appointment of Mr Paul Price as a non-executive director of the Company. Paul is a lawyer and Partner of Price Sierakowski, a Perth based legal firm specialising in the resource sector and corporate governance. His assistance as the Company moves forward with exploration and toward development will be invaluable.

On 6 July 2016 the Company announced it had reached agreement to place the balance of 11,888,889 Treasury Shares in an off market transaction to raise approximately \$416,000. This amount does not yet appear on the balance sheet. Share still held by the company are shown below:

Company	Number of Shares Held	Share Price 30 June 2016	Value 30 June 2016	Comments
Zenith (ZNC)	500,000	\$0.110	\$55,000	
Spitfire (SPI)	654,554	\$0.042	\$27,4912	Post 1:10 consolidation

There has been no change in tenement tenure during the quarter.

**Rodney Foster**  
Chairman/Technical Director

### Competent Person Statement

The information in this report, as it relates to Exploration Results, is based on information compiled and/or reviewed by Rodney Foster who is a Member of The Australasian Institute of Mining and Metallurgy. Rodney Foster is a Director of the Company. 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". Rodney Foster consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

This information with respect to Resources 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. A staged process of updating each of the resource estimates to JORC 2012 compliance is underway as new information becomes available.

The information relating to Redcliffe Gold Project has been extracted from the Company's ASX announcements dated 6 June 2016 & 12 July 2016.