

8 AUGUST 2018 RRL1582D

# HELIOS ACQUIRES BRONZEWING SOUTH GOLD PROJECT

Rox Resources Limited (ASX: RXL) ("Rox" or "the Company") is pleased to announce that its 100%-owned subsidiary, Helios Gold Limited ("Helios") has acquired an option to purchase the Bronzewing South gold project from private company, Carnegie Exploration Pty Ltd ("Carnegie").

Rox plans to list Helios on the Australian Stock Exchange ("ASX") via an Initial Public Offering ("IPO") in the near future (ASX:RXL 8 May 2018).

The Bronzewing South gold project complements Helios' existing Mt Fisher gold project which hosts mineral resources of 1.0 Mt @ 2.7 g/tAu for 89,000 ounces gold (ASX:RXL 11 July 2018) (Figure 1).

There are seven tenements covering 115 km<sup>2</sup> comprising the Bronzewing South project, located south and west of the Bronzewing gold mine (Figure 2), including E36/854 which was famously fought over in the High Court by a number of parties in the late 1990's.

There are a number of historic drill intersections\* from the tenements including:

4m @ 6.53 g/tAu from 56m depth, and4m @ 2.03 g/tAu from 108m depth, in aircore drilling, and

4m @ 2.36 g/tAu from 124m depth,

1m @ 5.67 g/tAu from 127m depth, and

1m @ 4.42 g/tAu from 230m depth, in RC drilling

\* Sourced from old Mines Dept reports by Audax Resources and Newmont Exploration Pty Ltd (See Appendix JORC Table).

Aircore results from tenement E36/854 (south of the Bronzewing mine) indicate untested gold anomalism along a trend east of where previous exploration for the southerly extension of the Bronzewing gold lodes had focussed. Examination of these data show that a depressed regolith

profile exists here (Figure 3), similar to that originally found in early drilling over the 3.6 million ounce Bronzewing orebody.

The tenements north west of Bronzewing (called the Orelia North trend) are along strike from the Orelia gold deposit recently announced to contain > 1 million ounces of gold (ASX:EAR 14 June 2018), and extension of the shear hosting Orelia has been interpreted to continue into the Helios tenements (Figure 4).

Helios plans to aggressively explore these tenements (and the Mt Fisher tenure) upon a successful IPO and ASX listing.

#### **Commercial Terms**

The commercial terms of the option agreement are:

- 1. Payment of a non-refundable deposit of \$20,000 cash up signing of the agreement for a six- month option period,
- 2. Payment of \$80,000 cash and the issue of 2,000,000 shares in Helios to Carnegie upon the successful IPO and ASX listing of Helios (at this point the option will have been exercised),
- 3. A further issue of \$725,000 in cash or Helios shares when an Inferred Mineral Resource of greater than 250,000 ounces of gold is announced by Helios, and
- 4. \$1,250,000 in cash or Helios shares when an Indicated Mineral Resource of greater than 500,000 ounces of gold is announced by Helios.

#### **ENDS**

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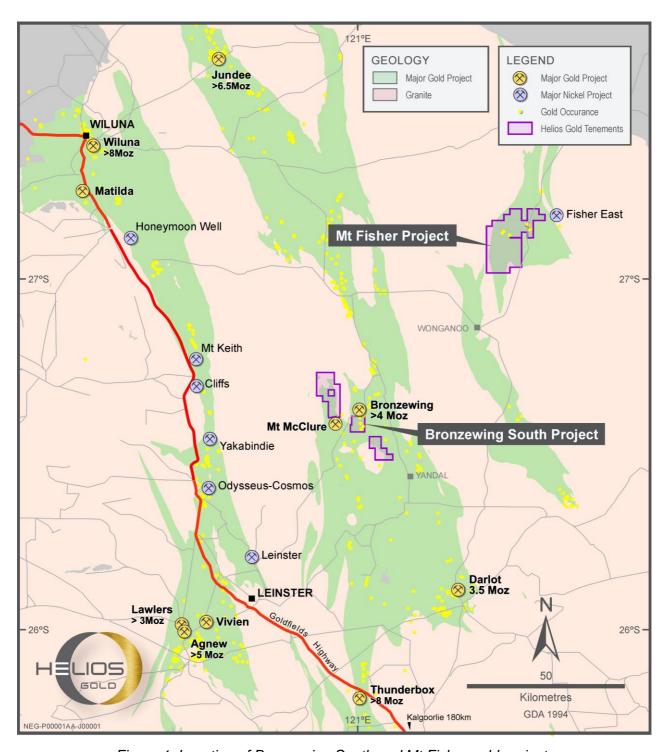


Figure 1: Location of Bronzewing South and Mt Fisher gold projects

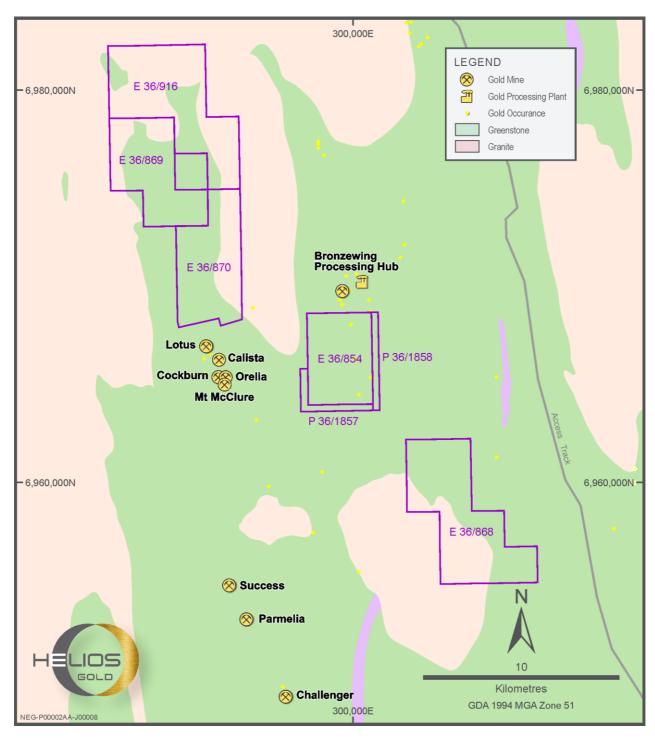


Figure 2: Bronzewing South Tenements

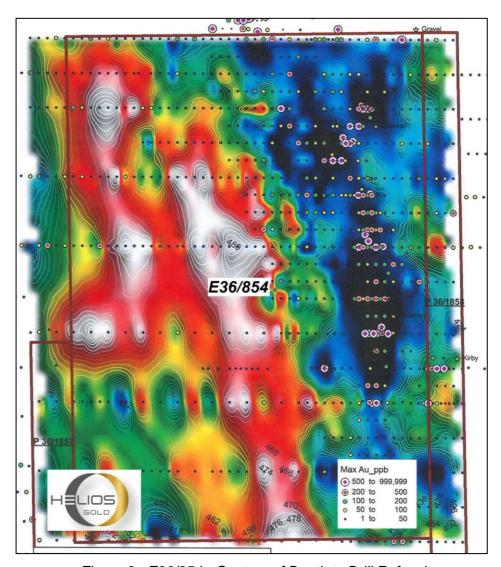


Figure 3 - E36/854 - Contour of Depth to Drill Refusal

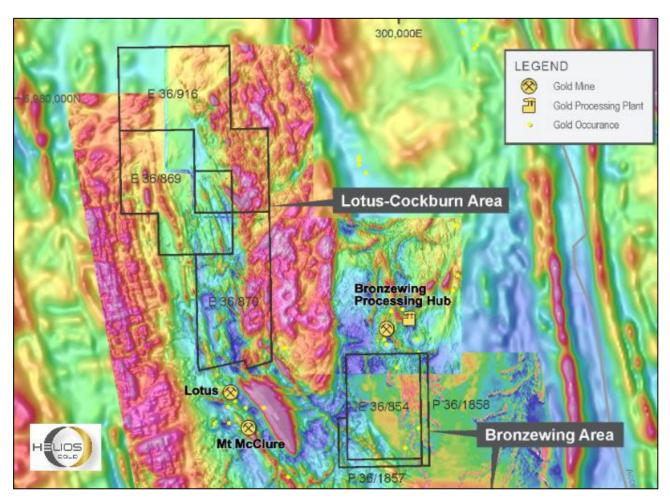


Figure 4 – Magnetic map along the Orelia North Trend showing lineament trends

#### **Competent Person Statements:**

#### **Resource Statements**

The information in this report that relates to gold Mineral Resources for the Mt Fisher project was reported to the ASX on 11 July 2018 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 11 July 2018, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 11 July 2018 continue to apply and have not materially changed.

The information in this report that relates to nickel Mineral Resources for the Fisher East project was reported to the ASX on 5 February 2016 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 5 February 2016, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 5 February 2016 continue to apply and have not materially changed.

The information in this report that relates to nickel Mineral Resources for the Collurabbie project was reported to the ASX on 18 August 2017 (JORC 2012). Rox confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 18 August 2017, and that all material assumptions and technical parameters underpinning the estimates in the announcement of 18 August 2017 continue to apply and have not materially changed.

#### **Exploration Results**

The information in this report that relates to previous Exploration Results, was either prepared and first disclosed under the JORC Code 2004 or under the JORC Code 2012 and has been properly and extensively cross-referenced in the text to the date of original announcement to ASX. In the case of the 2004 JORC Code Exploration Results and Mineral Resources, they have not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

#### **About Rox Resources**

Rox Resources Limited is an emerging Australian minerals exploration company. The company has a number of key assets at various levels of development with exposure to gold, nickel, copper and platinum group elements (PGE's), including the Mt Fisher Gold Project (WA), the Fisher East Nickel Project (WA), and the Collurabbie Nickel-Copper-PGE Project (WA).

#### **Fisher East Nickel Project (100%)**

The Fisher East nickel project is located in the North Eastern Goldfields region of Western Australia and hosts several nickel sulphide deposits. The total project area is ~350km².

Discovery of, and drilling at the Camelwood, Cannonball and Musket nickel prospects has defined a JORC 2012 Mineral Resource (ASX:RXL 5 February 2016) of **2.0Mt grading 2.5% Ni** reported at 1.5% Ni cut-off (Indicated Mineral Resource: 1.9Mt grading 2.5% Ni, Inferred Mineral Resource: 0.1Mt grading 2.3% Ni) comprising massive and disseminated nickel sulphide mineralisation, and containing **50,600 tonnes of nickel**. Higher grade mineralisation is present in all deposits (refer to ASX announcement above) and is still open at depth beneath each deposit. Additional nickel sulphide deposits continue to be discovered (e.g. Sabre) and these will add to the resource base. Exploration is continuing to define further zones of potential nickel sulphide mineralisation.

#### Mt Fisher Gold Project (100%)

The Mt Fisher gold project is located in the North Eastern Goldfields region of Western Australia, adjacent to the Fisher East nickel project, and hosts several gold deposits. The total project area is ~220km².

Drilling by Rox has also defined numerous high-grade gold targets and a JORC 2012 Measured, Indicated and Inferred Mineral Resource (ASX:RXL 11 July 2018) of **1.0 million tonnes grading 2.7 g/t Au** reported at a 0.8 g/tAu cut-off exists for **89,000 ounces of gold** (Measured: 170,000 tonnes grading 4.1 g/t Au, Indicated: 220,000 tonnes grading 2.7 g/t Au, Inferred: 630,000 tonnes grading 2.3 g/t Au) aggregated over the Damsel, Moray Reef and Mt Fisher deposits.

#### Collurabbie Gold-Nickel Project (100%)

The Collurabbie project is located in the highly prospective North Eastern Goldfields region of Western Australia and is prospective for gold and nickel. The project area of 123km² hosts the Olympia nickel sulphide deposit and a number of other prospects for nickel sulphide mineralisation. A JORC 2012 Inferred Mineral Resource of 573,000t grading 1.63% Ni, 1.19% Cu, 0.082% Co, 1.49g/t Pd, 0.85g/t Pt has been defined at Olympia (ASX:RXL 18 August 2017). The style of nickel sulphide mineralisation is different to that at Fisher East, with a significant copper and PGE component at Collurabbie, and has been compared to the Raglan nickel deposits in Canada (>1Mt contained nickel).

In addition, there is potential for gold mineralisation, with several strong drilling intersections including 2m @ 2.4g/t Au from the Naxos prospect.

#### **Bonya Copper Project (40%)**

Rox (40%) has agreed to sell its interest in the Bonya project to Thor Mining PLC for A\$550,000 in Thor shares (29 March 2018). Completion is expected during the next quarter.

## APPENDIX 1

## JORC Code, 2012 Edition - Table 1

## **Section 1 Sampling Techniques and Data**

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>Aircore, RAB Drilling</li> <li>Aircore samples were collected as 4m composited intervals, it is unknown if these were spear or split sampled and results are taken as being indicative only.</li> <li>RC Drilling         <ul> <li>Single metre intervals were collected and composited into 4m intervals for first pass assay. Samples identified as anomalous were resubmitted as single metre intervals. Samples are assumed to have been split through a cyclone to produce a composite and single metre sample but it is unknown if this was done through a cone or riffle splitter.</li> </ul> </li> <li>Diamond Drilling</li> <li>RC pre-collar with HQ3 diamond tail and was undertaken</li> </ul>
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	<ul> <li>Newmont drilled 707 AC holes for 50,260m and 45 RAB holes for 1745m. AuDAX drilled 555 RAB/AC holes for 30,618m during the same period.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have</li> </ul>	Not documented in historic reporting.

Criteria	JORC Code explanation	Commentary			
	occurred due to preferential loss/gain of fine/coarse material.				
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>Drill holes have been logged and are qualitative in nature.</li> <li>The location of remaining diamond core is yet to be determined. No core photographs.</li> </ul>			
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Half core samples collected.</li> <li>RC Drilling         <ul> <li>The collection of 4m composites and single meter intervals infers sample splitting but methodology is unknown.</li> </ul> </li> <li>Aircore, RAB Drilling         <ul> <li>The collection of 4m composites - methodology unknown.</li> </ul> </li> <li>The quality control measures adopted by previous explorers have not been</li> </ul>			
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>laboratories for assay and utilized both aqua regia and fire assay techniques for determinations. These techniques are considered appropriate for metals being investigated.</li> <li>Previous explorers did not document any additional QC procedures implemented</li> <li>Assay laboratory job references are included in sample metadata and it may be possible to review primary lab QC data.</li> </ul>			

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Not documented in historic reporting.
	The use of twinned holes.	
	<ul> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	
	Discuss any adjustment to assay data.	
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> </ul>	All drill holes completed were located using a GPS unit
	Specification of the grid system used.	
	<ul> <li>Quality and adequacy of topographic control.</li> </ul>	
Data spacing and distribution	Data spacing for reporting of Exploration Results.	RAB drilling was initially undertaken on 1 x 2km centres, subsequently infilled to 200 x 500m and finally 100 x 100m. RC drill holes
distribution	<ul> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> </ul>	targeted anomalous results from the RAB drill program and have been drilled on the same traverse lines as the RAB but they are irregularly spaced and not systematic.
	Whether sample compositing has been applied.	
Orientation of data in relation to geological	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	<ul> <li>The drill traverses are either grid based or approximately perpendicular to the strike of the regional geological trend.</li> </ul>
structure	<ul> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	
Sample security	The measures taken to ensure sample security.	Not documented in historic reporting.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Not documented in historic reporting.

### **Section 2 Reporting of Exploration Results**

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	Tenements E36/854, E36/868, E36/869, E36/870, E36/916, P36/1857, P36/1858.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Previous explorers held title either covering the tenement in part or entirety and previous results are contained in Mines Department records</li> <li>As referenced in the text</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	As referenced in the text
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	Appendix 2 tabulates the geographic data relating to the drilling reported herein
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades)	<ul> <li>Intercepts as quoted in the text are derived from reports of previous explorers.</li> <li>No metal equivalents have been stated.</li> </ul>

Criteria	JORC Code explanation	Commentary
	and cut-off grades are usually Material and should be stated.	
	<ul> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any</li> </ul>	
	reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisatio	These relationships are particularly important in the reporting of Exploration Results.	Drilling is predominantly RC and Aircore and the relationship between drill intercept and mineralisation widths is unknown.
n widths and intercept lengths	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	
	<ul> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	As referenced in the text.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	As referenced in the text.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	As referenced in the text.

Criteria	JORC Code explanation	Commentary		
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> </ul>	As referenced in the text.		
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive			

## **APPENDIX 2**

Table 1 - Anomalous Assay Results from Aircore Drilling (>0.5 g/t Au)

Hole ID	EAST (GDA)	NORTH (GDA)	From (m)	To (m)	Interval (m)	Au (g/t)	Tenement	Company
ABWSB128	307,869	6,959,347	0.0	4.0	4.0	1.31	E36/868	AuDAX
ABWSB439	307,819	6,959,050	15.0	16.0	1.0	0.62	E36/868	AuDAX
ABWSB442	307,905	6,958,949	19.0	20.0	1.0	0.59	E36/868	AuDAX
ABWSB442	307,907	6,958,951	26.0	27.0	1.0	2.07	E36/868	AuDAX
ABWSB442	307,908	6,958,952	27.0	28.0	1.0	3.40	E36/868	AuDAX
BWSA0034	302,577	6,967,969	13.0	14.0	1.0	0.92	E36/854	Newmont
BWSA0034	302,577	6,967,969	14.0	15.0	1.0	0.57	E36/854	Newmont
BWSA0092	303,271	6,966,689	52.0	56.0	4.0	0.75	E36/854	Newmont
BWSA0094	303,415	6,966,689	84.0	88.0	4.0	0.52	E36/854	Newmont
BWSA0152	303,019	6,967,489	76.0	80.0	4.0	0.57	E36/854	Newmont
BWSA0153	303,089	6,967,489	96.0	100.0	4.0	1.18	E36/854	Newmont
BWSA0313	303,665	6,968,609	64.0	68.0	4.0	0.85	E36/854	Newmont
BWSA0324	303,321	6,967,969	113.0	114.0	1.0	1.08	E36/854	Newmont
BWSA0360	303,189	6,967,649	56.0	60.0	4.0	0.99	E36/854	Newmont
BWSA0360	303,179	6,967,649	76.0	80.0	4.0	1.27	E36/854	Newmont
BWSA0437	303,313	6,967,969	48.0	52.0	4.0	0.53	E36/854	Newmont
BWSA0440	303,185	6,967,809	64.0	68.0	4.0	0.90	E36/854	Newmont
BWSA0441	303,267	6,967,809	60.0	64.0	4.0	0.98	E36/854	Newmont
BWSA0441	303,263	6,967,809	68.0	72.0	4.0	0.58	E36/854	Newmont
BWSA0445	303,123	6,967,649	108.0	112.0	4.0	2.03	E36/854	Newmont
BWSA0445	303,121	6,967,649	112.0	116.0	4.0	0.93	E36/854	Newmont
BWSA0453	303,269	6,967,169	56.0	60.0	4.0	6.53	E36/854	Newmont
BWSA0507	302,955	6,965,566	44.0	48.0	4.0	1.38	E36/854	Newmont
BWSA0514	303,995	6,965,569	44.0	48.0	4.0	0.89	P36/1768	Newmont
BWSA0514	303,991	6,965,569	52.0	56.0	4.0	0.56	P36/1768	Newmont
BWSA0515	304,063	6,965,569	48.0	52.0	4.0	0.64	P36/1768	Newmont
BWSA0526	303,423	6,965,249	68.0	72.0	4.0	0.70	E36/854	Newmont
BWSA0529	303,909	6,965,249	56.0	60.0	4.0	1.67	E36/854	Newmont
BWSA0658	303,332	6,965,889	44.0	48.0	4.0	0.86	E36/854	Newmont
BWSA0659	303,399	6,965,889	68.0	72.0	4.0	0.71	E36/854	Newmont

Hole ID	EAST (GDA)	NORTH (GDA)	From (m)	To (m)	Interval (m)	Au (g/t)	Tenement	Company
BWSA0659	303,399	6,965,889	72.0	76.0	4.0	0.81	E36/854	Newmont
BWSA0669	303,385	6,965,249	64.0	68.0	4.0	1.25	E36/854	Newmont
BWSA0686	303,468	6,964,609	56.0	60.0	4.0	0.83	E36/854	Newmont
BWSA0702	304,029	6,965,569	56.0	60.0	4.0	0.76	E36/854	Newmont

Table 2 - Significant Assay Results from RC and Diamond Drilling (>0.5 g/t Au)

Hole ID	EAST (GDA)	NORTH (GDA)	From (m)	To (m)	Interval (m)	Drilling Type	Au (g/t)	Tenement	Company
BWSD0001	303,502	6,965,889	124.0	128.0	4.0	RC	2.36	E36/854	Newmont
BWSD0001	303,502	6,965,889	124.0	125.0	1.0	RC	0.94	E36/854	Newmont
BWSD0001	303,502	6,965,889	127.0	128.0	1.0	RC	5.67	E36/854	Newmont
BWRCD3206	303,147	6,967,622	197.9	198.8	0.9	DD	0.53	E36/854	Newmont
BWRCD3207	303,322	6,967,133	165.0	166.0	1.0	DD	0.88	E36/854	Newmont
BWRCD3208	303,430	6,966,694	161.0	162.0	1.0	DD	3.32	E36/854	Newmont
BWRCD3208	303,429	6,966,694	162.0	163.0	1.0	DD	3.57	E36/854	Newmont
BWRCD3208	303,417	6,966,695	184.0	185.0	1.0	DD	0.56	E36/854	Newmont
BWRCD3208	303,415	6,966,695	188.0	189.0	1.0	DD	2.54	E36/854	Newmont
BWRCD3208	303,391	6,966,695	230.0	231.0	1.0	DD	4.42	E36/854	Newmont
BWRCD3208	303,384	6,966,695	242.0	243.0	1.0	DD	3.27	E36/854	Newmont

Drill intercepts are reported as 'down hole' widths. True widths have not been determined.