

ASX ANNOUNCEMENT

# RED MOUNTAIN MINING LTD (ASX:RMX)

**17 DECEMBER 2015** 

## NEW DRILLING TARGET DEFINED AND FINANCING UPDATE

- New drilling target defined at Benito along strike from West Drift Resource at Lobo
- New trenching results at Tamarind enhance drilling target and show 2.3m@10.7 g/t gold
- Drilling planned to commence immediately following Strategic Partner listing in London

<u>Perth, Western Australia:</u> Red Mountain Mining Limited (**ASX:RMX**) is pleased to announce that a significant new drilling target has been identified at **Benito**, which is along strike from the West Drift Resource at Lobo, within the company's Batangas Gold Project in the Philippines. In addition, a further high grade gold result has been produced from the Hangingwall (**HW**) lode of the nearby **Tamarind** Target, Trench 11/53: **2.3m @ 10.7 g/t Au**.

The new Benito Target is associated with a major flexure (bend) in the lode that is very similar to the flexure associated with the existing high grade South West Breccia (SWB) resource. The new trenching and rock chip results include 4m @ 70.7 g/t Silver (Ag) and 1.5m @ 227.9 g/t Ag, 0.42% Cu (see Figure 1 below) and along with previous soil sampling results, indicate that the Benito lode is higher in the geological silver-copper zone of the epithermal system relative to SWB mineralisation but at a similar level to the surface exposure of West Drift.

West Drift is characterised by high silver-copper grades at surface (e.g. previous Lobo copper mine), but has high grade gold at depth and a resource that is open to the southwest. Previous intersections at West Drift include LB 76: 5.2m @ 6.05 g/t Au from 138.25m (ASX release 1 March 2013); LB 67: 4.6m @ 5.83 g/t Au and 4.1% Copper (Cu) from 152.8m (ASX release 9 January 2013) and LB 70: 6m @ 8.03 g/t Au from 197.8m (ASX release 5 February 2013). Further soil sampling will be completed at Benito prior to an initial drilling program.

New results have also been produced for the **Tamarind** target, including Trench 11/53: **2.3m @ 10.7 g/t Au** in the footwall of the previously sampled HW Lode. Previous results include Trench 34: 3.5m @ 25.9 g/t Au (ASX release 2 February 2015) and Trench 13: 2.6m @ 28.6 g/t Au (ASX release 12 February 2014). This result indicates that the alteration zone continues into the footwall towards the Tamarind target zone that lies under shallow scree and limestone cover but is associated with a strong multi-element soil anomaly up slope. The HW Lode is interpreted to have been offset by a normal fault from the Main Lode/Tamarind target. Drilling is planned to test the Tamarind target as shown on the cross section **Figure 3** below.

Drilling is also planned to test the extensions to Main Lode, immediately south west of the SWB resource (**SWB Extended**) where previous trenching results of Trench 50: 7m @ 20.5 g/t Au; Trench 47: 7m @ 11.5 g/t Au and Trench 52: 5m @ 8.83 g/t Au (ASX release 07 August 2015) were produced.

The new results with locations are tabulated below:

Outcrop	North (Grid)	East (Grid)	RL	From m	To m	Length m	Au g/t	Ag g/t	Cu %
BENITO Tr 1-13	10,538	9,324	190	0.0	1.5	1.5	< 0.01	227.9	0.42
BENITO NE Tr	10,606	9,298	140	0.0	4.0	4.0	< 0.01	70.7	0.09
including				3.0	4.0	1.0	0.01	120.3	0.17
SWB TR53/TR11	9,745	9,993	125	0.0	2.3	2.3	10.7	7.19	0.05



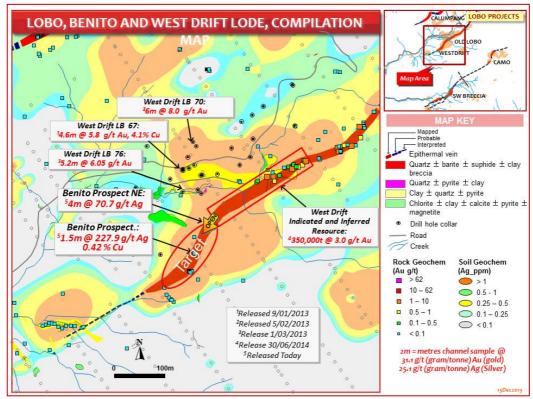


Figure 1: Plan of Benito and West Drift Lodes, Lobo Prospect, with new high-grade Ag surface results

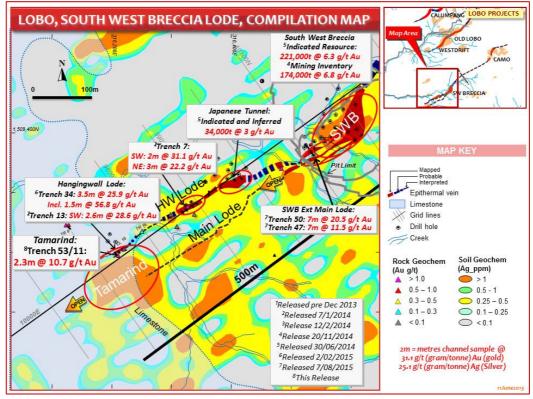


Figure 2: Plan of SWB Lode and Tamarind Target, Lobo Prospect, Trench and Soil Ag surface results

CONTACT DETAILS



A program of 2 to 4 drill holes is planned to test the SWB Extended and Tamarind targets as part of a program that will also include 3 to 5 geotechnical holes for confirmation of ground conditions estimated in the DFS. The Lobo MPSA exploration period has expired so consent will be required from the Mines and Geosciences Bureau (MGB) to carry out the proposed drilling.

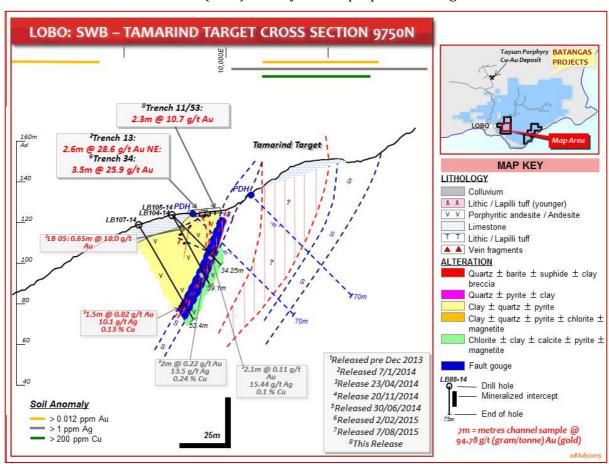


Figure 3: Cross Section through HW Lode and Tamarind Target, Lobo Prospect, with planned drilling

The drilling and completion of the Definitive Feasibility Study (DFS) on the proposed Batangas Gold Project development will be funded from the proceeds of strategic funding partner, Bluebird Merchant Ventures Limited (BMV) admission to the London Stock Exchange (LSE) (**Listing**). Listing is now expected to occur in January 2016 and a firm date is expected in the near future following approval of the BMV Prospectus by the UK Listing Authority. The parties to the Strategic Funding Agreement (**the Agreement**) have agreed to extend the date of admission to on or before 31 January 2016.

The parties have also extended the loan agreement whereby RMX will loan up to the total of Stage 1B funding, pursuant to the Agreement, to the RMX subsidiary company that holds the Philippines Batangas Gold Project Assets, Red Mountain Mining Singapore (**RMMS**). On listing BML will settle the remainder of Stage 1A (USD 500,000) and the Stage 1B payment (USD 700,000) and RMMS will repay all outstanding loans to RMX up to USD 1.2 million with interest and costs. On completion of the Stage 1A and 1B funding, BMV will be entitled to a 25% stake in RMMS, and continued funding will be via an incorporated JV through RMMS in proportion 25% BMV: 75% RMX until BMV either elect to Sole Fund or Stage 2 Conditions are met, including completion of the DFS and permitting.



For further information about Red Mountain please visit www.redmm.com.au or contact:

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## About Red Mountain Mining Limited and the Batangas Gold Project

Red Mountain Mining Ltd (ASX:RMX) is a gold exploration and development company which listed on the ASX in September 2011. The Company's strategy is to unlock the potential of 'under-developed' gold and polymetallic projects in the greater Asian region by introducing Australian exploration and mining methods and improving efficiencies to gain significant exploration and production upside.

The Company holds a direct and indirect contractual right interest in tenements in the Philippines that contain significant gold resources totalling Indicated and Inferred 6.19 million tonnes at 2.2 g/t Au for 444,000oz Au (JORC 2012, see ASX announcement 30 June 2014).

The Company's objectives include development of gold production at the Batangas Gold Project, while continuing to focus on increasing the mineral resource base.

The Company announced a new Strategic Financing Agreement (the Agreement) with Bluebird Merchant Ventures Ltd (BMV) on 15 October 2015. The Agreement includes a two stage funding arrangement totalling up to US\$5.5M, that will earn BMV up to 50.1% of wholly owned subsidiary, Red Mountain Mining Singapore Ltd (RMMS), that holds the Company's interests in the Batangas Gold Project in the Philippines, with the project to operate under an Incorporated Joint Venture (JV).

Stage 1 funding of US \$1.7M under the Agreement will earn BMV 25% of RMMS and will allow the JV to complete a Definitive Feasibility Study (DFS) on the project, with initial results confirming low capital and operating costs and recovery of over 100,000 ounces of gold during the initial 5 years of a 10 year production plan (ASX announcement 20 November 2014 and updated 23 January 2015).

Final permitting to allow development of the Batangas Gold Project is being progressed through the Philippines Government approval process.

The Company is on the lookout for other advanced gold development and exploration opportunities, with a particular focus on Australia and advanced gold projects, which will be reviewed on a continuous basis.

For more details about Red Mountain Mining Ltd see <a href="http://www.redmm.com.au/">http://www.redmm.com.au/</a>

#### **Cautionary Statement**

The production targets referred to in this announcement were first released to ASX on 20 November 2014 and updated on 23 January 2015. They are preliminary and there is no certainty that the production targets or the forecast financial information derived from the production targets, will be realised. All material assumptions underpinning production targets or forecast financial information derived from production targets continue to apply and have not materially changed.



# **Competent Person Statement**

The historic information in this report relating to Mineral Resources is based on information compiled by Mr Jon Dugdale who is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient exploration experience which is relevant to the various styles of mineralisation under consideration to qualify as a Competent Person as defined in 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Dugdale is a full time employee and Managing Director of Red Mountain Mining Ltd. The Company confirms that the form and context in which the information is presented has not been materially modified and it is not aware of any new information or data that materially affects the information included in the relevant market announcements, as detailed in the body of this announcement. All material assumptions and technical parameters underpinning the Mineral Resource estimates continue to apply and have not materially changed.

The new Exploration Results are also based on information compiled by Mr Jon Dugdale. Mr Dugdale takes responsibility for and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Forward Looking Statements

This announcement contains certain forward looking statements. These forward-looking statements are not historical facts but rather are based on Red Mountain Mining's current expectations, estimates and projections about the industry in which Red Mountain Mining operates, and beliefs and assumptions regarding Red Mountain Mining's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates" "potential" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Red Mountain Mining, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements. Red Mountain Mining cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Red Mountain Mining only as of the date of this presentation. The forward-looking statements made in this release relate only to events as of the date on which the statements are made. Red Mountain Mining will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this presentation except as required by law or by any appropriate regulatory authority.



**APPENDIX 1: SAMPLING TECHNIQUES AND DATA** 

Criteria	MPLING TECHNIQUES AND DATA  JORC Code explanation	Commentary
Cilleila	JONG Code explanation	Confinientally
Sampling techniques	<ul> <li>Nature and quality of sampling and Assaying</li> <li>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> </ul>	<ul> <li>Trenches (Costeans) through colluvial cover excavated to bedrock have been sampled at the base of the trench in continuous cut channels with samples aggregated over measured 0.5m to 1.0m intervals.</li> <li>Trenching samples obtained from cut channels at 0.5m to 1.0m intervals weighing less than 3kg were transported to Intertek Laboratories in Manila, the Philippines, for fire assay.</li> <li>At least 2kg sample was pulverised and a 50 gram charge fire assayed with AAS finish for Gold (Au) and a range of 37 elements via Multiple determination by ICP-OES (following four acid digest (HCI/HNO3/HCIO4/HF) with volumetric finish) assay including Silver (Ag), Copper (Cu), Lead (Pb) and Zinc (Zn).</li> </ul>
Drilling techniques	Drill type and details	<ul> <li>Diamond core drilling, Triple tube, HQ core size</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</li> </ul>	<ul> <li>Core sample recoveries routinely measured and recorded in spreadsheet database</li> <li>Triple tube drilling maximising core</li> </ul>
	sample recovery and ensure representative nature of the samples.  • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	recovery. Samples split half core perpendicular to strike of structures  Recovery maximised (100%). No bias generated.
Logging	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.  Minutes leaving in medical parallel statements.	Logging of geology, alteration and geotechnical aspects have been recorded in drilling logs for diamond core drilling.
	<ul> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc)</li> </ul>	<ul> <li>Logging is qualitative. All drill core photographed.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<ul><li>photography.</li><li>The total length and percentage of the relevant intersections logged.</li></ul>	The entire interval drilled / trenched has been logged.
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 in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are</li> </ul>	<ul> <li>Half core taken, sawn.</li> <li>Non core Trench (Costean) channel samples entire sample aggregated, not riffled or split.</li> <li>Aggregated half core . Entire ~2kg sample pulverised at Laboratory prior to fire assay. This is an appropriate sample preparation technique that minimises bias.</li> <li>Drilling and Channel sampling orthogonal to dip and strike of the lode provides continuous sample with even weights that maximises representivity.</li> <li>Field duplicates regularly sampled.</li> <li>Sample sizes at &gt;2kg are well in excess of requirements appropriate to the grain size of gold that has been shown by mineragraphy to be generally less than 50 micron.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>appropriate to the grain size of the material being sampled.</li> <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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of</li> </ul>	<ul> <li>Fire assay is appropriate for the nature of the gold mineralisation being assayed.</li> <li>No geophysical tools used in generating exploration results.</li> <li>Registered standards have been inserted every 20 samples.</li> <li>Levels of accuracy and precision (detection limit) for gold is + or minus 0.005 ppm gold, which is well in excess</li> </ul>



Criteria	JORC Code explanation	Commentary
	precision have been established.	assays reported.
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>Significant intersections reported by field personnel, verified by competent person.</li> <li>No twinning of drillholes at this stage.</li> <li>Primary data logged on paper then data entry into database, verified by Chief Geologist and stored in electronic database, regularly backed up. output in spreadsheet form. Data is verified and compared with standard assays using established company protocols.</li> <li>No adjustments have been made to assay data.</li> </ul>
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> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Drillholes and Trenches (Costeans) accurately surveyed using Nikon Total Station DTM-332 survey equipment.</li> <li>Drillhole and Trench (Costean) locations surveyed in UTM WGS84 51N grid, converted to local Lobo grid.</li> <li>Topographic surveys were done using the Total Station. Control stations were set by an independent surveyor (McDonald Consultant, Inc.) using 2 DGPS (one as a base station for correcting diurnal variations) and a total station for where they could not survey with GPS under thick cover. These were tied to known government control stations.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <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> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Drilling assayed on no more than 1m intervals down hole. Drilling testing Trenches (Costeans) excavated every 10m along the strike of identified mineralisation. Data spacing sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s)</li> <li>Samples have not been composited.</li> </ul>



Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <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>	<ul> <li>Drilling and Trenching (Costeans) established orthogonal to the interpreted strike and dip of the mapped mineralised structures.</li> <li>No sampling bias interpreted.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>Samples secured by senior personnel on site and transported directly by company vehicle to Intertek Laboratories, Manila, the Philippines.</li> </ul>
Audits/Reviews	<ul> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul> <li>Internal reviews regularly completed but no external audits carried out to date.</li> </ul>



# **APPENDIX 2: REPORTING OF EXPLORATION RESULTS**

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>	<ul> <li>The Batangas Gold Project comprises 2         Mineral Production Sharing Agreements         (MPSA's), 8 Exploration Permits (EP's)         and four Exploration Permit Applications         (EPA's).</li> <li>Red Mountain Mining Ltd has a 100%         interest in Philippines subsidiary MRL         Gold Inc. which in turn has a 100% direct         and contractual right interest in the         Batangas gold Project tenements.</li> <li>The Lobo and Archangel MPSA's contain         all identified (JORC 2004) resources.         Declaration of Mining Feasibility and         Environmental Compliance Certificate will         be required to be approved by the         Philippines Mines and Geosciences         Bureau of the Department of Energy and         Natural Resources of the Philippines         Government before the company has a         licence to operate.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Previous exploration was conducted by Mindoro Resources Ltd including extensive drilling, surface geochemistry, geophysics, mapping and mineral resource estimation to JORC 2004 and NI 43-101 standards.
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>The gold mineralisation that is the target of the exploration program is porphyry related epithermal gold mineralisation hosted by intermediate to felsic volcanic rocks and intrusions.</li> <li>Two styles of intermediate sulphidation epithermal gold mineralisation identified – i) andesite hosted stockwork mineralisation at e.g. Archangel MPSA and Quartz-Barite-Sulphide vein/lode style mineralisation at e.g. the Lobo MPSA.</li> </ul>
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</li> </ul> </li> </ul>	<ul> <li>See Table 1, Drillhole/Trenching/Sampling locations, RL, dip and azimuth, length.</li> <li>Also significant intersections, from, to, interval, grade for relevant economic targets gold (Au), Silver (Ag) and copper (Cu).</li> </ul>



Criteria	JORC Code explanation	Commentary
D	Level – elevation above sea level in metres) of the drill hole collar o dip and azimuth of the hole down hole length and interception depth hole length.	
Data aggregation methods	In reporting Exploration     Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.	<ul> <li>Exploration results from drilling and trench (Costean) sampling have been weighted by interval.</li> <li>No high-grade cuts have been applied as maximum grade (12 g/t Au) is less than five times the approximate mean grade.</li> </ul>
	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.	<ul> <li>Lower cut-off grade of 1 g/t Au has generally been applied to significant intersections.</li> <li>Aggregate drilling and trenching intercepts do not incorporate longer lengths of low grade results.</li> </ul>
	<ul> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	No metal equivalent reported.
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	Drilling and trenches (Costeans) have been drilled/excavated and sampled as close to orthogonal to the strike and dip of the lode structures as possible and, as such, the intersection lengths are a close approximation of true width.
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts</li> </ul>	See Figures 1 - 3 and Table 1.



	Criteria	JORC Code explanation	Commentary
	D	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.	
	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.	All significant drilling and trench exploration results reported
n IBUOS	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.	<ul> <li>Mineragraphy on SWB and Trench 7 samples indicates that gold is "free" or associated with sulphide minerals indicating that there is no significant supergene enrichment</li> <li>Metallurgical leaching results (release, 24/01/2014) for drillcore from both South West Breccia resources on the Lobo Prospect and the oxide and transitional oxide resources at Kay Tanda on the Archangel Prospect, indicate that a fine grind of the resource material to 37 micron and 75 micron respectively exhibit high total gold recoveries of up to 97% (48 hours leaching).</li> </ul>
	Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>Drilling to be continued to test identified mineralised zones on a 20m x 20m spacing as detailed in the release.</li> <li>See Figures 1 - 3</li> </ul>