



ASX ANNOUNCEMENT / MEDIA RELEASE

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## *1.67 Million Ounces of Gold in the Maiden Resource Estimation for the Buccaneer Porphyry*

ABM Resources NL ("ABM" or "The Company") is pleased to announce that SRK Consulting (Australasia) Pty Ltd ("SRK Consulting") has completed an independent, JORC-compliant Inferred Resource estimation on the Buccaneer Porphyry Gold Prospect. The Buccaneer Porphyry Gold Prospect is one of 30 targets on the Company's Twin Bonanza Project located in the Northern Territory, Australia.

Highlights from independent Resource Estimation Modelling on the 100% ABM owned Buccaneer Gold Porphyry Prospect located on the Company's Twin Bonanza Gold Camp Project:

- Inferred Resource of 65.8 million tonnes (Mt) grading 0.79g/t gold for a total contained metal of 1.67 Million Ounces of Gold (0.2g/t cut-off) including higher grade components of:
  - 36.9Mt grading 1.01g/t gold for a total contained metal of 1.19 million ounces of gold (0.5g/t cut-off) or;
  - 8.7Mt grading 2.01g/t gold for a total contained metal of 0.56 million ounces of gold (1.1g/t cut-off).
- Inferred Resource extends over an area of 600 metres by 400 metres with ore-blocks defined from surface to 390 metres vertical depth and is open in several directions and at depth.
- The Buccaneer Porphyry Gold Prospect is just 1 of 30 targets on the Twin Bonanza Gold Camp and this Resource does not include the Old Pirate High Grade Prospect where the Company previously reported 43m grading 7.0g/t gold and 5m grading 274g/t gold in shallow drilling in 2010.

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Darren Holden, Managing Director of ABM Resources said, "It is one year since ABM commenced its mission to unlock the potential of Australia's final frontier for gold in the Tanami-Arunta regions. We are delighted with the outcome of the first resource estimation for Buccaneer which is presented after only 5 months of drilling on the Prospect. This Resource remains open to the north (including the newer higher grade zone recently reported) and at depth on some sections. This Resource does not include the nearby Old Pirate companion deposit located only 1.8km from Buccaneer, where the Company reported high grade gold intersections in 2010. A further 28 targets, including extensive geochemical anomalies, surface outcropping mineralisation and geophysical targets remain to be tested within the Twin Bonanza Gold Camp. The Company is one of the largest exploration license holders in Australia and has many regional targets such as the extensive IOCG (iron oxide / copper / gold) targets at Lake Mackay that will also be tested in 2011."

## **Resource Estimation**

**Table 1. Inferred Resource Tonnes / Grade Table at varying cut-offs. Refer to Appendix 1 for details.**

<b>Cut-off Grade (g/t)</b>	<b>Million Tonnes (Mt)</b>	<b>Gold Grade (g/t)</b>	<b>Contained Gold (Million Ounces (Moz))</b>
<b>0.2</b>	<b>65.8</b>	<b>0.79</b>	<b>1.67</b>
0.3	55.1	0.81	1.44
0.4	47.7	0.88	1.35
<b>0.5</b>	<b>36.9</b>	<b>1.01</b>	<b>1.19</b>
0.6	27.6	1.16	1.03
0.7	20.5	1.30	0.86
0.8	15.3	1.50	0.74
0.9	12.2	1.70	0.67
1.0	10.2	1.80	0.59
<b>1.1</b>	<b>8.7</b>	<b>2.01</b>	<b>0.56</b>

*Note – Million Tonnes (MT) rounded to 3 significant figures; gold grade rounded to 2 significant figures and Million Ounces (Moz) rounded to 3 significant figures.*

The Inferred Resource Estimation was carried out fully independently by SRK Consulting. The work involved an initial site visit in November 2010 to check sampling protocols and the exploration process. This was followed by 3D modelling and geostatistical analysis. The resource model uses all drilling on the Prospect by ABM, as well as drill holes from previous explorers.

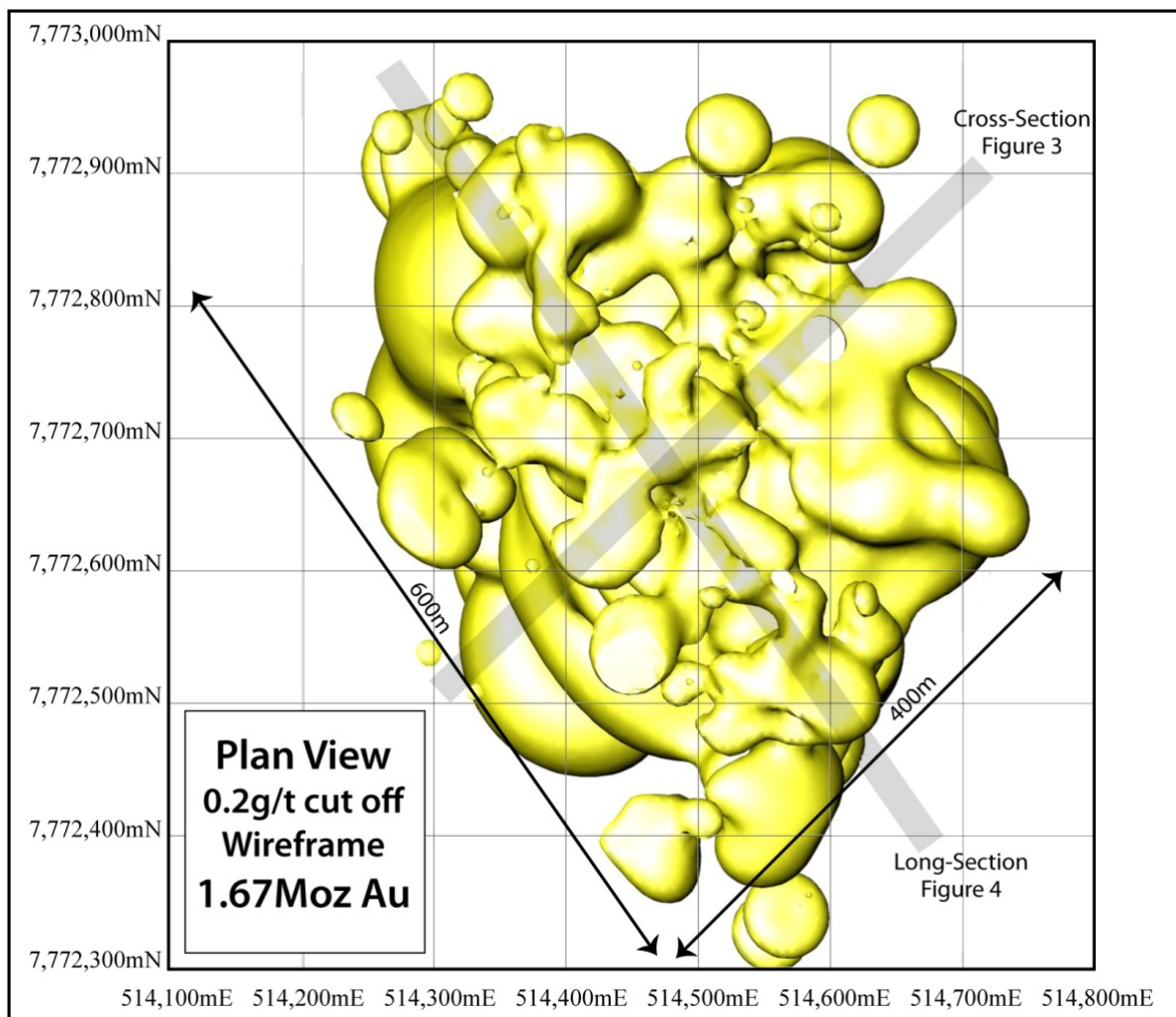
The Resource was calculated using a 20m x 20m x 5m (x,y,z) block model with grades estimated using the Ordinary Kriging method and was constrained using a 0.2g/t cut-off 3D model. The Resource was presented at varying cut-off grades as shown in Table 1. The mineralised ore system at Buccaneer remains open in several directions.

In 2011, ABM intends to test extensions of the Buccaneer Porphyry Gold System including following up on the new high grade zone recently discovered where ABM reported drill intersections on the order of 81m grading 2.03g/t gold and 67m grading 2.07g/t gold (refer announcement 13/01/11). It is anticipated that further Resource updates will be presented during the year.

The Resource is classified as "Inferred" mainly due to (i) additional holes required to confirm some of the historic results (ii) diamond drilling required to confirm the recoveries from reverse circulation drilling and (iii) development of further geological constraints on mineralisation. This is a relatively small amount of work and is anticipated to be carried out in the second quarter of this year, which may result in an upgrade of some of the Resource to an "Indicated Resource" category.

In addition the Company intends to test extensions of the Old Pirate High Grade Gold Prospect (located 1.8km from Buccaneer) and up to 15 of the other 28 regional anomalies that collectively make up the Twin Bonanza Gold Camp (refer announcements 31/01/2011 and 3/02/2011).

The Buccaneer Porphyry Gold Prospect is hosted in a porphyritic syeno-monzonite (a rock similar to granite). The porphyry body extends for a further 2 kilometres to the north of the current drilling, and testing of possible mineralised zones elsewhere in the porphyry will form part of the 2011 program. Current interpretations suggest that there are two phases of gold mineralisation with an initial disseminated gold phase followed by a structurally controlled, generally higher grade phase controlled by faults and shear zones. Gold is hosted in centimetre scale quartz veins and is associated with other minerals such as arsenopyrite and chalcopyrite. Full metallurgical test work has not yet been carried out, however microscope studies indicate the presence of fine free gold which is, in part, possibly amenable to heap-leaching. The higher grade zones are currently inferred to dip gently to the north-east; however detailed geological work is still ongoing and this model may change. The Buccaneer Porphyry is the only intrusive hosted gold resource deposit identified to date in the Tanami region. Other deposits such as the Callie, Coyote and the Central Tanami mines are hosted primarily in quartz veins within sedimentary mafic rocks.



**Figure 1. Plan View of Resource Model showing the 0.2g/t cut-off shell.**

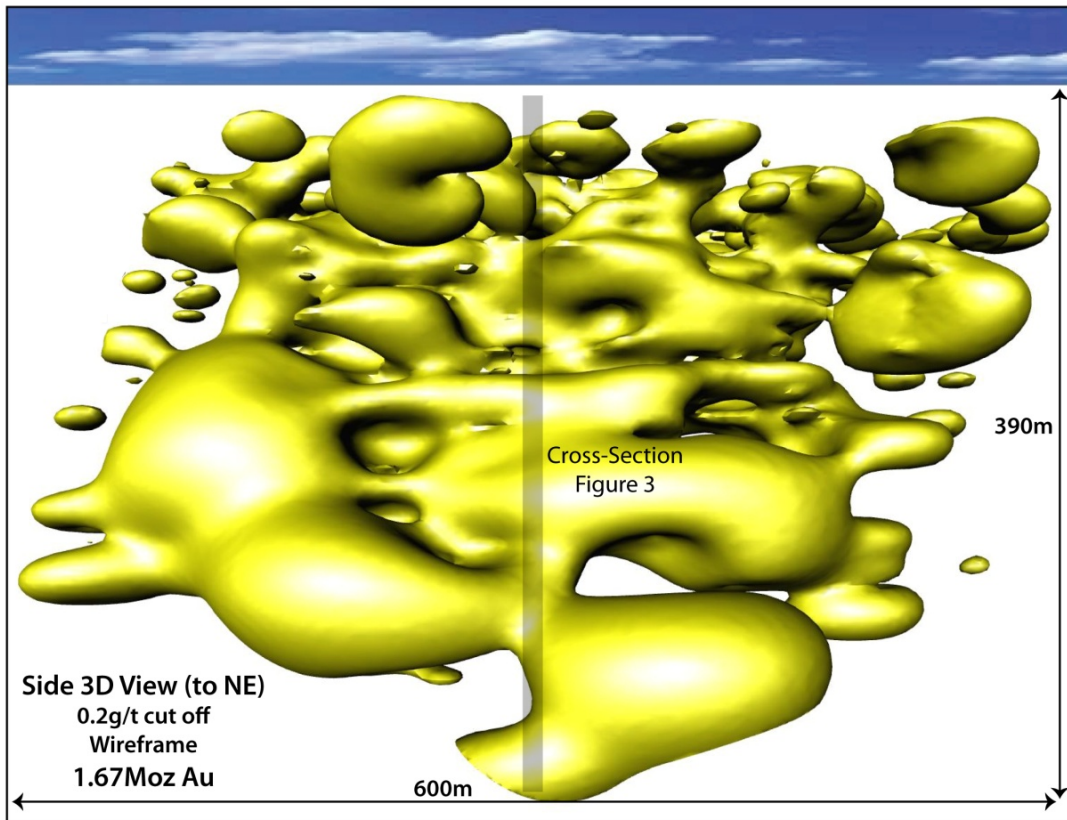


Figure 2. Long-Section (view east) of Resource Model showing 0.2g/t cut-off shell.

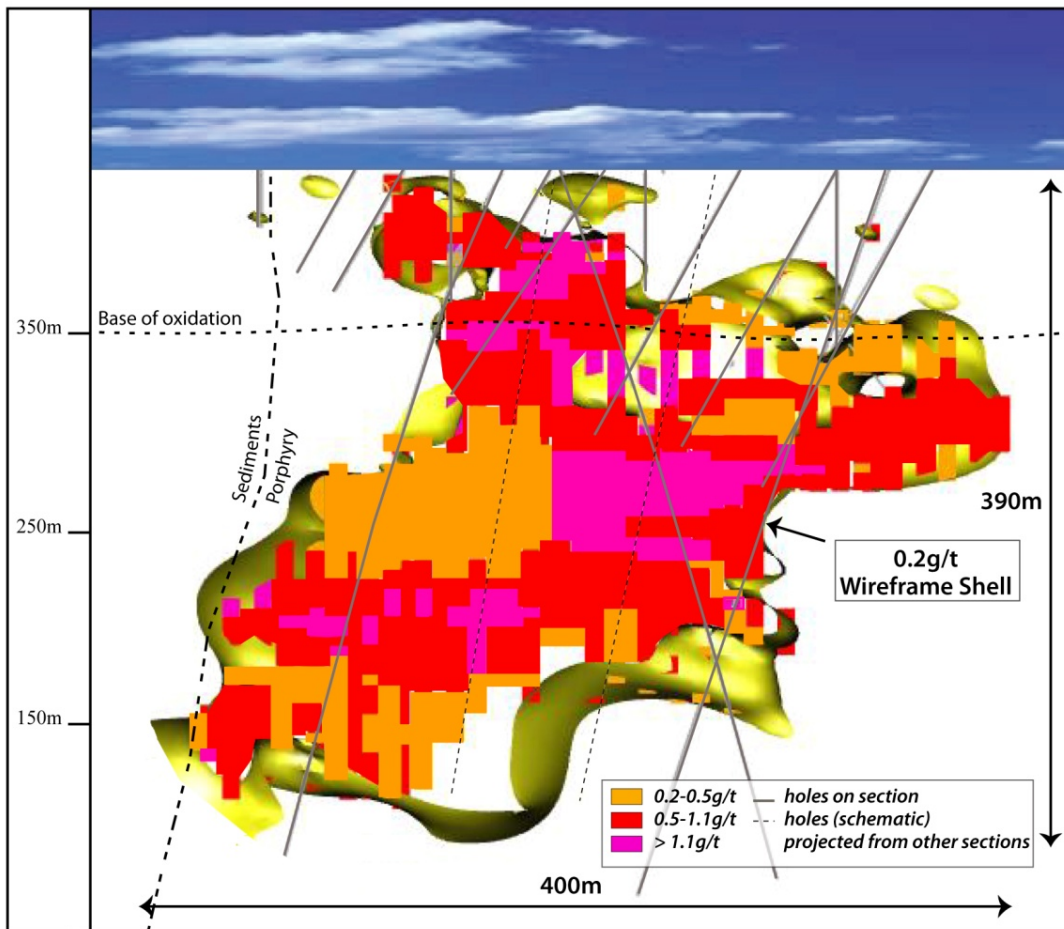
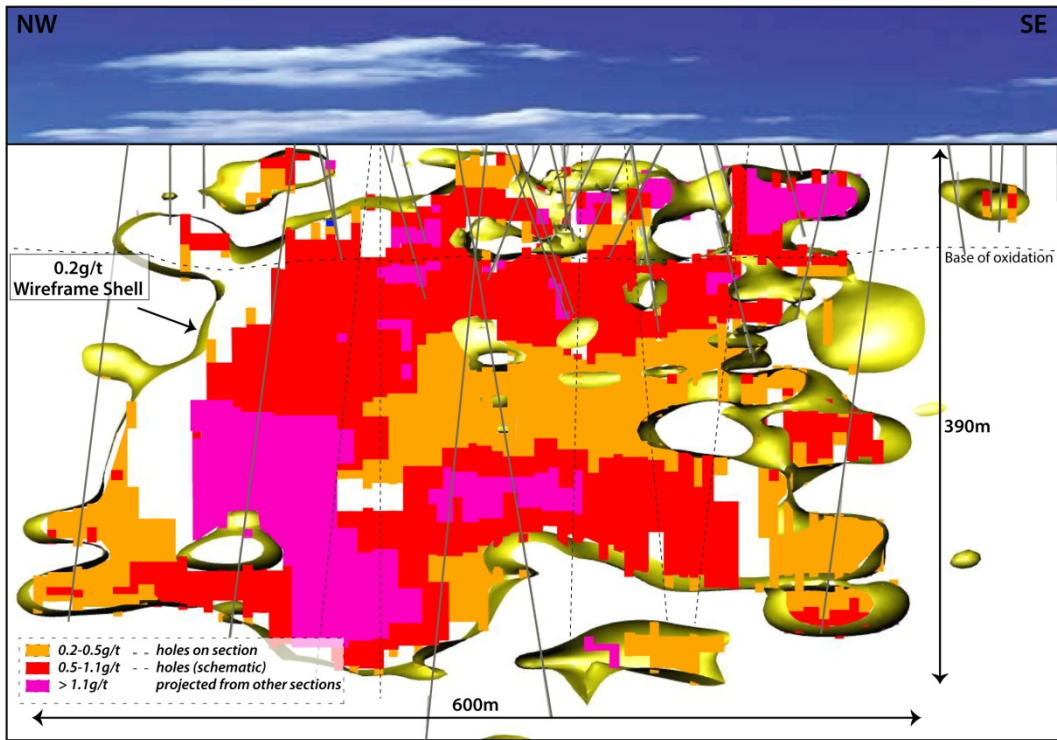


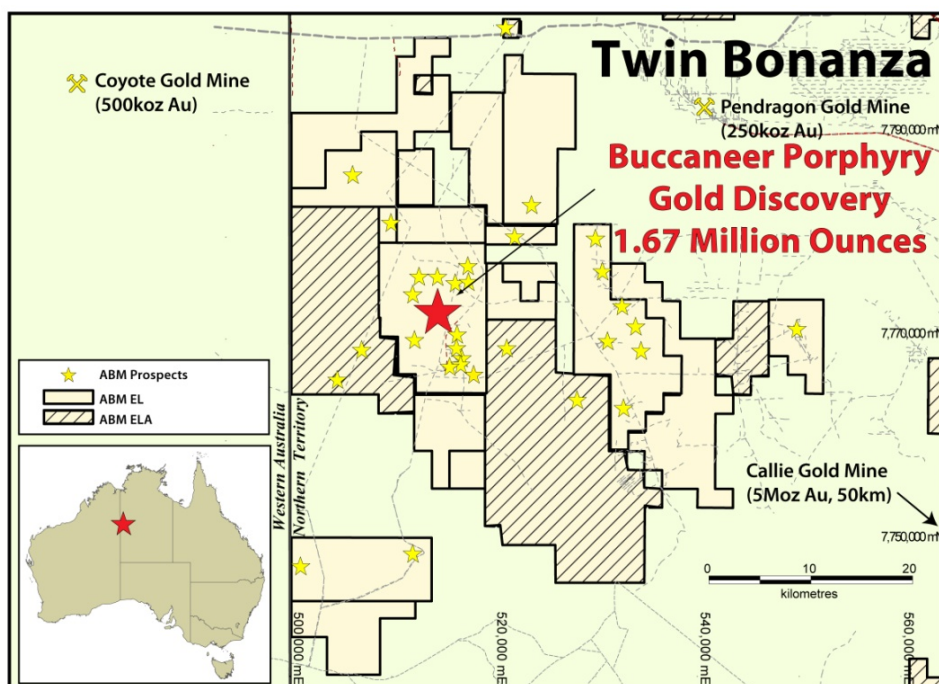
Figure 3. Schematic SW-NE cross-section showing block centroids coloured by inferred grade. Note – dashed lines represent holes projected from off-section. Refer to previous releases for all hole details.



**Figure 4. Schematic NW-SE long-section showing block centroids coloured by inferred grade. Note – dashed lines represent holes projected from off-section. Refer to previous releases for all hole details.**

**About the Twin Bonanza Gold Camp Project**

The Buccaneer Porphyry Gold Prospect is just one of thirty targets which make up the Twin Bonanza Gold Camp area. Twin Bonanza is located approximately 22 kilometres south of the Tanami Road and 14 kilometres east of the Western Australia – Northern Territory border. The Project spans the highly prospective “Trans Tanami Structure” – an inferred regional / tectonic geological feature which hosts numerous gold deposits including Newmont’s multi-million ounce Callie Gold Mine. In 2010 ABM focused its effort at Twin Bonanza on the Old Pirate Prospect – a 3 kilometre anomaly with multiple high-grade gold zones in quartz veins hosted in sedimentary rocks and the Buccaneer Porphyry Prospect an intrusive related bulk-tonnage gold target. Subsequently the Company has identified an additional 28 targets throughout its extensive land holdings in the area.



**Figure 5. Twin Bonanza Project Area Location Map.**

## About ABM Resources NL

ABM is a mineral exploration company focused on gold discovery in the Tanami-Arunta regions of the Northern Territory, Australia. The Company is one of the largest exploration license / license application holders in Australia. The Company has an aggressive exploration approach and is well funded for multiple-target testing with multiple rigs in 2011.

Signed



Darren Holden – Managing Director

### **Competent Persons Statement**

*The Resource Estimation was compiled by Peter Gleeson, Principal Consultant at SRK Consulting (Australasia) Pty Ltd. Mr Gleeson is a full time employee of SRK and independent of ABM Resources. Mr Gleeson is a Member of the Australian Institute of Geoscientists and 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 2004 Edition of the “Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves”. Mr Gleeson consents to the inclusion in the documents of the matters based on this information in the form and context in which it appears*

*The Resource Estimate was based on data provided to SRK Consulting by ABM Resources. The compilation of this data was supervised by Mr Darren Holden who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Holden is a full time employee of ABM Resources NL and 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 2004 Edition of the “Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves”. Mr Holden consents to the inclusion in the documents of the matters based on this information in the form and context in which it appears.*

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## APPENDIX 1. Resource Parameters

- The drilling database for Buccaneer contains 82 Reverse Circulation holes (10 have diamond tails), 2 diamond holes, 419 shallow Rotary Airblast Holes and 66 Aircore holes. Refer to announcements for drill hole details: 13/01/11, 13/12/10, 18/10/2010, 22/09/10, 13/09/2010, 31/08/2010, 19/08/2010, 15/06/2010, 03/03/2010 and 01/02/2010.
- Drilling has been undertaken in several programs, with ABM completing 30 Reverse Circulation drill holes on the Prospect in 2010 for a total of 9,741 metres. The remaining holes used were from drill data by previous explorers which was loaded into a database checked for consistency by ABM Resources. The Resource was defined as an Inferred Resource based in part on drill density, but also because further validation of previous explorer's drilling (e.g. twinning of holes) and limited further diamond drilling are required to check the recoveries and reconciliation of the Reverse Circulation drilling. The limited drilling program is likely to enable upgrade of at least part of the Inferred Resource to Indicated Resource status and is planned for 2011.
- Relative position of drill holes was surveyed using hand-held GPS with an accuracy of 4 metres. The elevation of the drill holes was determined using GPS and also using a digital elevation model available publicly for this area.
- ABM holes were surveyed with down-hole camera and inclinometer at an interval of approximately 30 metres.
- All ABM holes were assayed at 1 metre composites of RC chips using Fire Assay methods and 30g charge prepared by ALS Global in Alice Springs (Northern Territory), and ALS Global in Perth (Western Australia). Standards, blanks and duplicates were inserted into the sample stream to monitor laboratory performance.
- Holes drilled prior to ABM were assayed using 2 metre and 1 metre composites of drill chips or half sawn diamond core. Various laboratories were used and both Aqua Regia and Fire Assay Methods. ABM's drilling confirmed the validity of this previous work.
- All drilling was computationally composited to 5 metres prior to resource estimation work.
- Bulk density (specific gravity) was based on 8 samples of RC chips for various depths. There was no appreciable difference between oxide material and fresh rock and an average bulk specific gravity of 2.5g/cm<sup>3</sup> (=2.5t/m<sup>3</sup>) was used.
- Wireframed ore boundary was generated at various cut-offs using LeapFrog automated modelling software.
- The block model was constructed using 20m (X) by 20m (Y) by 5m (Z) blocks within the 0.2g/t gold wireframe shell.
- Grade was interpolated into the block model using Ordinary Kriging. In addition inverse distance square method was also applied to check the validity of the Ordinary Kriging model.
- Statistical analysis of the data revealed that the assays did not need to be top-cut. The highest single block value is 8.1g/t gold.
- No assumptions have been made about mining or processing methods.