#### **ASX ANNOUNCEMENT**

By e-lodgement 13th October 2017



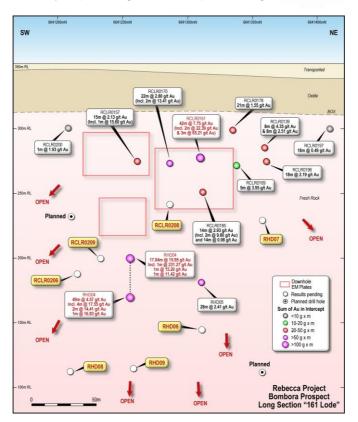
## **Completion of Drilling at Rebecca Gold Project**

- ➤ Final diamond drillhole hits ~30m combined alteration & disseminated sulphide in Bombora '161 Lode' position
- Intercept sits approx. 80m below RHD04 (17.84m @ 15.95g/t Au & 49m @ 4.57g/t Au)
- Multiple zones disseminated sulphide logged on western side of Lode

Further to a release 10<sup>th</sup> October (*ASX-AOP 'Drilling Update Rebecca Gold Project'*), Apollo Consolidated Limited (*ASX*: AOP, the Company) advises that the current drilling campaign is now complete.

Final diamond hole RHD09 targeting the 161 Lode on Section 6641260N has intersected approximately 30m of alteration and disseminated sulphide zones from 256m downhole. This is in the expected target position and approximately 80m below strong gold intercepts in RHD04 on the same section (Figure 1).

Figure 1. Long projection of '161 Lode' showing location of completed holes this program (yellow) and all previously reported gold intercepts through the Lode.



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Preliminary logging in the upper part of the hole also reports fine disseminated sulphides in several zones located well to the west of the 161 Lode, including:

148-151m (21m) 1-3% disseminated sulphides,

178-201m (23m) 1-3% disseminated sulphides

Both of these zones encompass 3-5m wide zones of up to 8% sulphide content.

While the geometry and gold content of the zones to the west of 161 Lode is unknown, the sulphides observed in RHD09 are similar to that seen in other holes in this program and may have potential to deliver parallel mineralisation.

RHD09 was the final drillhole in this seven-hole program. Apollo will log and process remaining core on site ahead of cutting and submittal for gold analysis. All RC samples are at the laboratory, with results expected in the following weeks.

In summary, the Company is highly encouraged by the zones of sulphide and alteration observed in this campaign. Assay results are now required to plan next work on 161 Lode plunge and strike positions. Positive results will lead to immediate re-start of drilling.

RC and drilling results will be reported as they come to hand.

Table 1 Drillhole details current program

Prospect	RC ID	DDH ID	AMG51 E	AMG51 N	dip	azi	<b>RL Target</b>	RC	NQ2	TOTAL	Notes
Bombora	RCLR0206		486672	6641210	-65	90	190	232	0	232	Drilled as RC hole
Bombora	RCLR0205	RHD08	486635	6641210	-65	90	100	142	208	350	
Bombora	RCLR0209		486668	6641235	-60	90	200	220	0	220	Drilled as RC hole
Bombora	RCLR0204		486638	6641260	-65	90	110	130	200	330	N/A for DDH
Bombora		RHD09	486635	6641260	-67	90	110	40	284.5	324.5	
Bombora	RCLR0208		486685	6641285	-60	90	240	208	0	208	Drilled as RC hole
Bombora	RCLR0203	RHD06	486642	6641310	-65	90	147	150	120.2	270.2	
Bombora	RCLR0202		486692	6641360	-65	90	140	96	0	96	on HOLD
Bombora	RCLR0207	RHD07	486732	6641360	-67	90	210	112	88.4	200.4	
Bombora	RCLR0200*		486700	6641210	-65	90	220	0	60	60	on HOLD
*previously reported RC hole to be extended with diamond tail											

#### **About Bombora and 161 Lode**

The 161 Lode is a steeply dipping structurally controlled zone of alteration and disseminated sulphides within the >600m Bombora prospect, which is one of three prospects at the **Rebecca Gold Project**. Gold mineralisation reports to disseminated (+/-matrix style) sulphides (pyrrhotite, pyrite and traces of chalcopyrite) within zones of altered felsic gneiss +/- amphibolite host rocks.

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Gneissic fabrics show an overall ~ -55 degree west dip, while sulphides may be aligned in this orientation or in steeper structures. Sulphide content through the Lode varies from 1-10%, with a generally positive relationship between content and gold grade. Visible gold is seen in core around higher-grade positions.

A number of >2g/t Au intercepts have been returned elsewhere in the Bombora prospect area and the potential for delineation of additional high-grade lodes similar to 161 Lode is considered high.

For more information on the prospect, refer to ASX-AOP presentation materials released 6 September 2017. Details of drilling at the prospect can be found in ASX-AOP announcements 26 August 2012, 28 September 2012, 8 October 2015, 1 September 2016, 25 August 2017, and 10 October 2017.



#### ENDS.

The information in this release that relates to Exploration Results, Minerals Resources or Ore Reserves, as those terms are defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserve", is based on information compiled by Mr. Nick Castleden, who is a director of the Company and a Member of the Australian Institute of Geoscientists. Mr. Castleden has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are 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 Reserve". Mr. Castleden consents to the inclusion of the matters based on his information in the form and context in which it appears.

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# **APPENDIX 1 JORC Code, 2012 Edition – Table 1**

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

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling	<ul> <li>Nature and quality of sampling (eg 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> </ul>	<ul> <li>NQ2 sized diamond core collected from angled drill holes</li> </ul>
techniques		<ul> <li>Core was drilled starting from the final depth of RC pre-collars</li> </ul>
		<ul> <li>Each drillhole location was collected with a hand-held GPS unit with ~3m tolerance.</li> </ul>
	<ul> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> </ul>	<ul> <li>Geological logging is being completed on all core, ahead of selection of intervals for cutting and analysis. Logging codes are consistent with past RC drilling</li> </ul>
	Aspects of the determination of mineralisation that are Material to the      Details Report	<ul> <li>NQ2 half core cut and submitted for analysis</li> </ul>
	Public Report.	Reverse circulation drilling (RC), angled drill holes from surface
	<ul> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge</li> </ul>	Mostly 1m samples of 2-3kg in weight
	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 (eg	<ul> <li>Industry standard diameter reverse circulation drilling rods and conventional face-sampling hammer bit</li> </ul>
	submarine nodules) may warrant disclosure of detailed information.	<ul> <li>One metre samples collected from the cyclone and passed through a cone-splitter to collect a 2-3kg split, bulk remainder collected in plastic RC sample bags and placed in 20m lines on site</li> </ul>
		<ul> <li>Composite samples are compiled by obliquely spearing 2-5 x 1m samples through to make a 3kg sample</li> </ul>
		<ul> <li>Wet samples are spear-sampled obliquely through bulk 1m sample to collect a representative 2-3kg sample, lab sample is dried on site.</li> </ul>
		Certified Reference Standards inserted every ~40samples
		<ul> <li>All samples are being analysed by 50g Fire Assay (Genalysis code FA50) and reported at a 0.01ppm threshold</li> </ul>

Criteria	JORC Code explanation	Commentary
Drilling	Drill type (eg core, reverse circulation, open-hole hammer, rotary air	Diamond drill rig supplied by contractor Westralian Diamond Drillers
techniques	blast, auger, Bangka, sonic, etc) and details (eg 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).	RC Rig supplied by Raglan Drilling
		Standard tube NQ2 oriented core collected
		Reverse Circulation drilling, 4.5 inch rods & face-sampling hammer
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> </ul>	<ul> <li>Core was measured and any core loss recorded. Very high-quality core is being obtained, with close to 100% recovery</li> </ul>
	<ul> <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</li> </ul>	<ul> <li>RC samples sieved and logged at 1m intervals by supervising geologist, sample quality, moisture and any contamination also logged.</li> </ul>
	and whether sample bias may have occurred due to preferential	RC Booster and auxiliary air pack used to control groundwater inflow
	loss/gain of fine/coarse material.	<ul> <li>Sample recovery optimized by hammer pull back and air blow- through at the end of each metre.</li> </ul>
		<ul> <li>Where composite samples are taken, the sample spear is inserted diagonally through the bulk sample bag from top to bottom to ensure a full cross-section of the sample is collected.</li> </ul>
		<ul> <li>To minimize contamination and ensure an even split, the cone splitter is cleaned with compressed air at the end of each rod, and the cyclone is cleaned every 50m and at the end of hole, and more often when wet samples are encountered.</li> </ul>
		The majority of RC drill samples were dry in fresh rock profile
		<ul> <li>Sample quality and recovery was generally good using the techniques above, no material bias is expected in high-recovery samples obtained</li> </ul>
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate	<ul> <li>Recording of rock type, oxidation, veining, alteration and sample quality carried out for all core collected</li> </ul>
	Mineral Resource estimation, mining studies and metallurgical studies.	Logging is mostly qualitative
	Whether logging is qualitative or quantitative in nature. Core (or	Each entire drillhole is being logged
	<ul> <li>costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>While drill core samples are being geologically logged, they will not be at a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>RC samples representing the lithology of each 2m section of the drillhole were collected and stored into chip trays for future geological reference</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 in situ 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>RC composite sampling was carried out where site geologist decided material was less likely to be mineralised. In these intervals samples were spear-sampled directly from the split bulk sample, to make up a 2-3kg 2-5m composite sample</li> <li>Where composite samples are taken, the sample spear is inserted diagonally through the bulk sample bag from top to bottom to ensure a full cross-section of the sample is collected. This technique is considered an industry standard and effective assay cost-control measure</li> <li>Bulk bags for each metre are stored for future assay if required.</li> <li>RC samples were predominantly dry and representative of drilled material</li> <li>Certified Reference Standards inserted every ~40 samples, 1-2 duplicate samples submitted per drillhole</li> <li>Sample sizes in the 2-3kg range are considered sufficient to</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</li> </ul>	<ul> <li>accurately represent the gold content in the drilled metre at this project</li> <li>Diamond core was cut in half lenghtways and half-core lengths up to 1.5m in length were submitted for assay</li> <li>Remaining half core is retained in core trays for future study</li> <li>RC Samples collected from the Project area by staff, and delivered to Genalysis Kalgoorlie (WA) where they were crushed to -2mm, subset, riffle split and pulverised to -75um before being sent to Genalysis Perth for 50g charge assayed by fire assay with AAS finish</li> <li>Quality control procedures adopted consist in the insertion of</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul> <li>derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	standards approx every 40m and one duplicate sample per hole and also internal Genalysis laboratory checks.
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>The sample register is checked in the field while sampling is ongoing and double checked while entering the data on the computer.</li> <li>The sample register is used to process raw results from the lab and the processed results are then validated by software (.xls, MapInfo/Discover).</li> <li>A hardcopy of each file is stored and an electronic copy saved in two separate hard disk drives</li> <li>As this is an early-stage program there were no pre-existing drill intercepts requiring twinned holes</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>Collar located using a Garmin GPS with an accuracy ~3m</li> <li>Data are recorded in AMG 1984, Zone 51 projection.</li> <li>Topographic control using the same GPS with an accuracy &lt;10m</li> <li>Drillhole details supplied in body of announcement</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>Diamond drillholes were completed 50m apart to test below existing mineralised RC intercepts</li> <li>RC drilling was completed at 25m &amp; 50m line spacing to infill and extend interpreted mineralisation</li> <li>The drill program is designed to follow-up existing nearby mineralisation and the spacing of the program is considered suitable to provide bedrock information and geometry of the lode structures targeted. Further infill drilling may be required to establish continuity and grade variation around the holes</li> <li>At the time of reporting no assay results have been received</li> </ul>
Orientation of data in relation to geological	<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</li> </ul>	<ul> <li>Drillholes were oriented along AMGZ51 east-west.</li> <li>Drill sections cut geology close to right-angles of interpreted strikes.         Completed drillholes intersected target mineralisation in the expected down-hole positions.     </li> </ul>

Criteria	JORC Code explanation	Commentary
structure	of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	<ul> <li>Rock contacts and fabrics are interpreted to dip at close to right angles to the drillhole.</li> </ul>
		<ul> <li>Lode structures are interpreted to be near-vertical and the true widths of intercepts is likely to be around 40-50% of the reported intercepts</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>RC samples collected on the field brought back to the company camp area, bagged and sealed into 20kg polyweave bags</li> <li>Diamond core is being processed at a secure cutting site in Kalgoorlie bagged and sealed into 20kg polyweave bags and delivered to the laboratory at the end of each day.</li> <li>All samples are delivered directly from site to the laboratory by company representatives and remain under laboratory control to the delivery of results</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No external audit or review completed

## **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	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint	<ul> <li>Rebecca is a collection of granted exploration licences located 150km east of Kalgoorlie. The Company owns 100% of the tenements.</li> </ul>
land tenure	ventures, partnerships, overriding royalties, native title interests,	<ul> <li>There are no impediments to exploration on the property</li> </ul>
status	historical sites, wilderness or national park and environmental settings.	Tenure is in good standing and has more than 3 years to expiry
	• 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.	
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Previous exploration was carried out on a similar permit area by Placer Ltd, Aberfoyle Ltd, and Newcrest Ltd during the early to late 1990's. Aberfoyle carried out systematic RAB and aircore drilling on oblique and east-west drill lines, and progressed to RC and diamond drilling over mineralised bedrock at the Redskin and Duke prospects. Minor RC drilling was carried out at Bombora.</li> </ul>
		No resource calculations have been carried out in the past but there

Criteria	JORC Code explanation	Commentary
		is sufficient drilling to demonstrate the prosects have considerable zones of gold anomalism associated with disseminated sulphides.
		<ul> <li>Regional mapping and airborne geophysical surveys were completed at the time, and parts of the tenement were IP surveyed.</li> </ul>
		<ul> <li>The project has a good digital database of previous drilling, and all past work is captured to GIS.</li> </ul>
		<ul> <li>The quality of the earlier work appears to be good.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>Dominantly granite and gneiss with minor zones of amphibolite and metamorphosed ultramafic rocks.</li> </ul>
		<ul> <li>Mineralisation is associated with zones of disseminated pyrite and pyrrhotite associated with increased deformation and silicification. There is a positive relationship between sulphide and gold and limited relationship between quartz veining and gold.</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:</li> </ul>	Refer to Table in body of announcement
	o easting and northing of the drill hole collar	
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	o dip and azimuth of the hole	
	<ul> <li>down hole length and interception depth</li> </ul>	
	o hole length.	
	<ul> <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>	
Data aggregation methods	<ul> <li>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.</li> </ul>	Not applicable as at the time of reporting no assay results have been received
	<ul> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used</li> </ul>	

Criteria	JORC Code explanation	Commentary
	for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	
	<ul> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	<ul> <li>Not applicable as at the time of reporting no assay results have been received</li> </ul>
mineralisation widths and intercept	<ul> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> </ul>	
lengths	<ul> <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>	
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>	Appropriate diagrams are in body of this report
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.	Not applicable as at the time of reporting no assay results have been received
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.	•
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	<ul> <li>Next stage of exploration work will consist of follow-up RC/diamond drilling to continue to scope lateral and plunge extensions of</li> </ul>
	<ul> <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>structures and to test new targets</li> <li>Additional surface geophysical surveys may be commissioned</li> </ul>