

ASX: AQQ



**APHRODITE**  
Gold Limited

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The Company Announcements Office  
Australian Securities Exchange Limited

### **FURTHER POSITIVE RESULTS FROM EPSILON ZONE APHRODITE GOLD PROJECT**

**Aphrodite Gold Limited (ASX: AQQ)** is pleased to announce further positive drill results from its Aphrodite Gold Deposit north of Kalgoorlie, Western Australia which currently hosts a JORC resource containing 1.04Moz of gold (refer to ASX announcement of 16 May 2012 and Note 1).

An 11 hole RC drill program (total 2,462 metres) was recently completed to further evaluate the potential for delineating near surface resources in the 200 metre wide corridor between the Alpha and Phi Lodes (see Figure 1) which host the declared resources at Aphrodite. This corridor is cut by NE-SW trending structures ('Epsilon Lodes') which, from previous drilling, have been shown to be gold mineralised.

**Any uplift in resources from these structures/lodes could result in a significant change in the current open pit configuration modelled in Aphrodite Gold's recently completed Scoping Study (refer to ASX announcement of 9 February 2012) with associated flow-on cost benefits.**

Gold intersections from this drill program included;

<b>APR 1252</b>	<b>5m @ 5.67 g/t (155-160m) <u>including</u> 1m @ 15.36 g/t (159-160m)</b>
<b>APR 1253</b>	<b>17m @ 2.68 g/t (52-69m)</b>
<b>APR 1255</b>	<b>6m @ 2.93 g/t (66-72m)</b>
<b>APR 1254</b>	<b>9m @ 1.61 g/t (109-118m)</b>

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To-date, the Company has drilled 25 north-south oriented holes specifically targeting the cross cutting structures. Gold intercepts gained from previous RC programs in 2010-2011 include 4m @ 10.91g/t from 146 metres including 1m @ 27.92 g/t, 4m @ 5.84g/t from 98 metres including 1m @ 14.14 g/t, 2m @ 7.86g/t from 112 metres and 13m @ 2.23g/t from 137 metres.

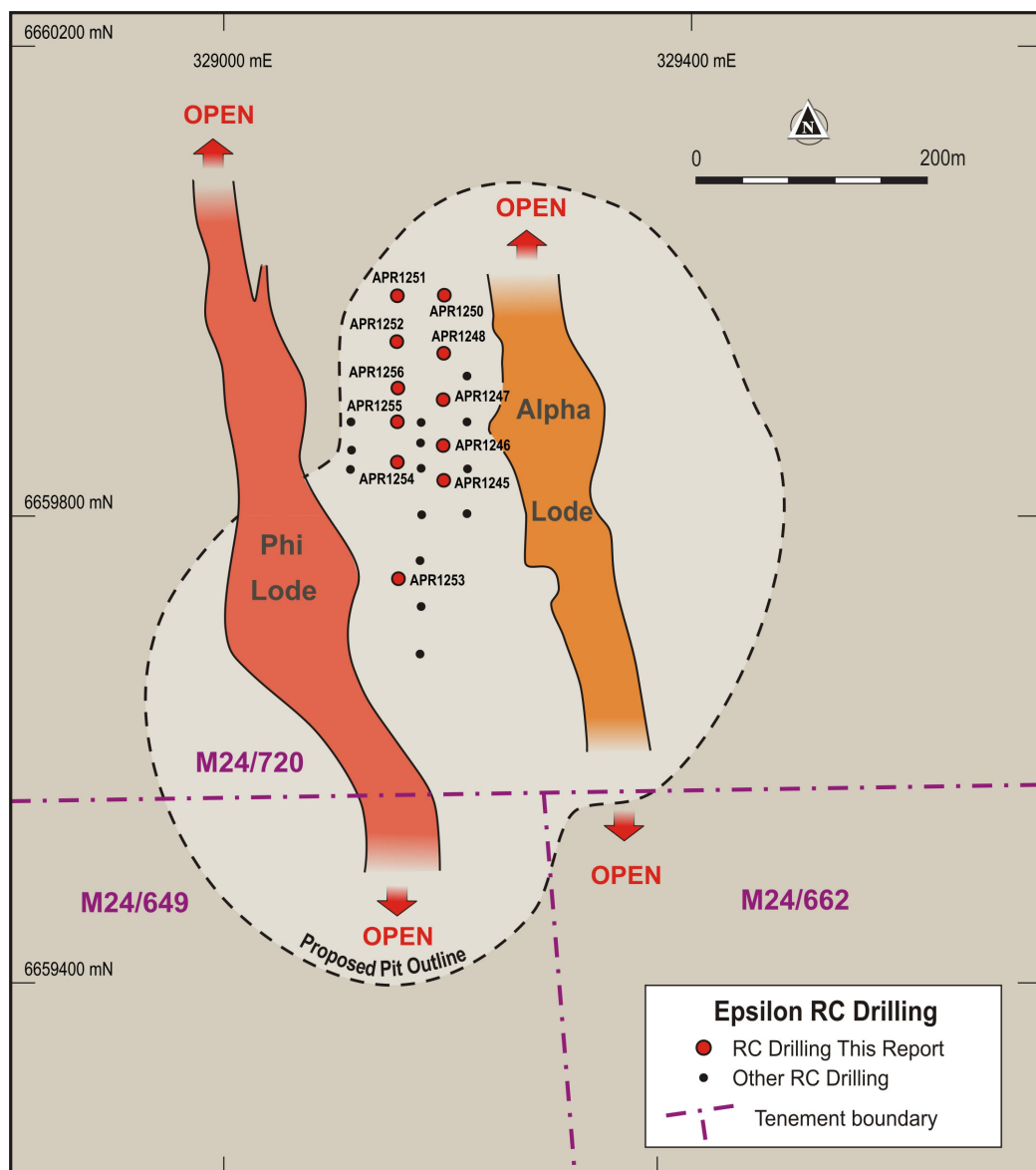


Figure 1: Drill Hole Locations

A summary of significant results from the recently completed program is provided in Table 1. All assaying has been conducted on one metre sample intervals with gold assayed by the Fire Assay 50 gram method with an AAS finish.

Table 1: Significant Drill Intercepts ( $\geq 0.5\text{g/t}$  gold)

Hole	Easting	Northing	Dip	Azim.	Incline Depth (m)	From (m)	To (m)	Length (m)	Gold g/t	Domain
APR1245	329190	6659830	-60	180	162	77	78	1	4.18	T
						116	120	4	1.01	P
						123	124	1	0.83	P
APR1246	329190	6659860	-60	180	204	112	113	1	0.56	P
						126	127	1	1.06	P
						136	137	1	2.05	P
						140	141	1	0.56	P
APR1247	329190	6659900	-60	180	198	58	59	1	0.68	O
						80	81	1	0.56	T
						120	121	1	2.77	P
						126	130	4	2.08	P
						138	144	6	1.69	P
APR1248	329190	6659940	-60	180	270	46	48	2	2.92	T
						60	61	1	0.88	T
						123	126	3	0.96	P
						132	136	4	0.54	P
						154	170	16	0.39	P
						182	185	3	0.55	P
						212	213	1	2.97	P
APR1250	329190	6659990	-60	180	300	80	81	1	0.58	O
						102	108	6	0.70	T
						128	129	1	0.86	T
						141	142	1	0.71	P
						174	175	1	0.75	P
APR1251	329150	6659990	-60	180	246	87	88	1	0.59	O
						113	114	1	1.13	P
						158	164	6	1.62	P
						172	173	1	0.62	P
APR1252	329150	6659950	-60	180	252	103	104	1	1.31	P
						106	110	4	0.46	P
						127	135	8	1.21	P
						155	160	5	5.67	P
						incl159	160	1	15.36	P
						167	168	1	0.59	P
APR1253	329150	6659745	-60	180	170	52	69	17	2.68	O/T
						75	76	1	0.77	P
						81	84	3	0.85	P
APR1254	329150	6659845	-60	180	204	68	71	3	0.95	T
						89	92	3	1.27	P
						95	96	1	2.66	P
						104	106	2	1.26	P
						109	118	9	1.61	P
						167	168	1	0.57	P

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APR1255	329150	6659880	-60	180	222	66	72	6	2.93	O
						76	77	1	0.69	T
						86	88	2	0.59	P
						93	94	1	0.58	P
						118	120	2	1.43	P
						128	130	2	0.62	P
APR1256	329150	6659910	-60	180	234	76	78	2	1.59	O
						82	84	2	0.61	O
						87	90	3	1.93	P
						96	97	1	1.22	P
						99	102	3	1.39	P
						114	115	1	1.51	P
						122	131	9	1.16	P
						141	144	3	1.58	P
Note: O = Oxide, T = Transitional, P = Primary Mineralisation										

Further drill testing of the cross cutting structures between the Alpha and Phi Lodes is planned following detailed assessment of results.

Yours Sincerely,



Leon Reigys  
Exploration and Development Director

**Note 1:** Existing JORC Resource for the Aphrodite Gold Project consists of 7.31Mt @ 2.75g/t Au for 645,000 ounces (Indicated) and 2.87Mt @ 4.30g/t Au for 395,000 ounces (Inferred) totalling 10.18Mt @ 3.18g/t Au for 1,040,000 ounces. This resource has been broken down into two domains; potential open pit (0 to 150m depth) and underground (150 to 440m depth). Potential open pit resources consist of 5.79Mt @ 1.84g/t Au for 342,000 ounces (Indicated) and 1.41Mt @ 1.49g/t Au for 67,000 ounces (Inferred) totalling 7.20Mt @ 1.77 g/t Au for 409,000 ounces at a cut-off grade of 0.5g/t. Potential underground resources consist of 1.52Mt @ 6.21g/t Au for 303,000 ounces (Indicated) and 1.46Mt @ 7.01g/t Au for 328,000 ounces (Inferred) totalling 2.98Mt @ 6.60 g/t Au for 631,000 ounces at a cut off grade of 3.0g/t. Full details of the JORC resource are contained in the Company's ASX announcement of 16 May 2012.

**Competent Person Statement:** Information in this report that relates to exploration targets, exploration results and resources reflects information compiled by Leon Reigys FAusIMM and Exploration and Development Director of Aphrodite Gold Ltd who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is reporting on as a competent person as defined in the 2004 Edition of "The Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves." Mr. Reigys consents to the inclusion in this report of the matters based on the information compiled by him, in the form and context in which it appears.