

ASX: AQQ



**APHRODITE**  
Gold Limited

21 December 2011

Company Announcements Office  
Australian Securities Exchange Limited

## **EXCELLENT GOLD INTERSECTIONS FROM ALPHA LODGE APHRODITE GOLD PROJECT**

### **HIGHLIGHTS**

- **Results received from further RC drilling on Alpha Lode**
- **Significant gold intersections include:**
  - ✓ **20m @ 3.57g/t from 215m +10m @4.09g/t from 164m - APR1231**
  - ✓ **47m @ 2.34g/t from 131m +23m @1.87g/t from 90m - APR1229**
  - ✓ **16m @ 4.20g/t from 140m +7m @3.81g/t from 87m - APR1233**
  - ✓ **9m @ 5.13g/t from 108m + 19m @2.09g/t from 73m + 8m @ 3.69g/t from 130m – APR1236**
- **All holes reported multiple zones of gold mineralisation.**
- **Drill results from Phi Lode expected soon.**

Aphrodite Gold Ltd (ASX: AQQ) is pleased to announce further excellent results from its RC drill program at the Aphrodite Gold Project near Kalgoorlie, Western Australia.

Assay results have been received from the last eight holes (1,850.5 metres) of resource infill drilling completed on the Alpha Lode in 2011. A total of 35 holes for 8,079.5 metres has been drilled on this lode during the year. Results from further RC drilling on the Phi Lode located approximately 200 metres to the west, are expected shortly.

ABN: 61 138 879 928

45 Ventnor Avenue West Perth WA 6005 • PO Box 829 West Perth WA 6872 • Phone (08) 9389 4421 • Fax (08) 9389 4400

Email [info@aphroditegold.com.au](mailto:info@aphroditegold.com.au) [www.aphroditegold.com.au](http://www.aphroditegold.com.au)

For personal use only

The latest drilling on the Alpha Lode has been to a maximum vertical depth of around 250 metres with significant gold intersections reported including:

- 20 metres @ 3.57g/t from 215m  
plus 10m @ 4.09g/t from 164m  
plus 13m @ 1.41 g/t from 182m  
plus 7m @ 1.17 g/t from 75m – **Hole APR1231.**
- 47 metres @ 2.34g/t from 131m  
plus 23m @ 1.87g/t from 90m – **Hole APR1229.**
- 16 metres @ 4.20g/t from 140m  
plus 7m @ 3.81g/t from 87m  
plus 2m @ 5.45g/t from 78m – **Hole APR1233.**
- 9 metres @ 5.13g/t from 108m  
plus 8m @ 3.69g/t from 130m  
plus 19m @ 2.09g/t from 73m  
plus 20m @ 1.47g/t from 196m – **Hole APR1236.**
- 28 metres @ 1.60g/t from 78m  
plus 1m @ 7.79g/t from 190m – **Hole APR1235.**
- 13 metres @ 3.45g/t from 90m  
plus 3m @ 3.87g/t from 174m  
plus 2m @ 5.00g/t from 153m  
plus 17m @ 1.05g/t from 235m – **Hole APR1230**

Results from this program will be incorporated into the company's database for estimation of a revised resource estimate following receipt of results from the last phase of drilling recently completed on the Phi Lode.

For personal use only

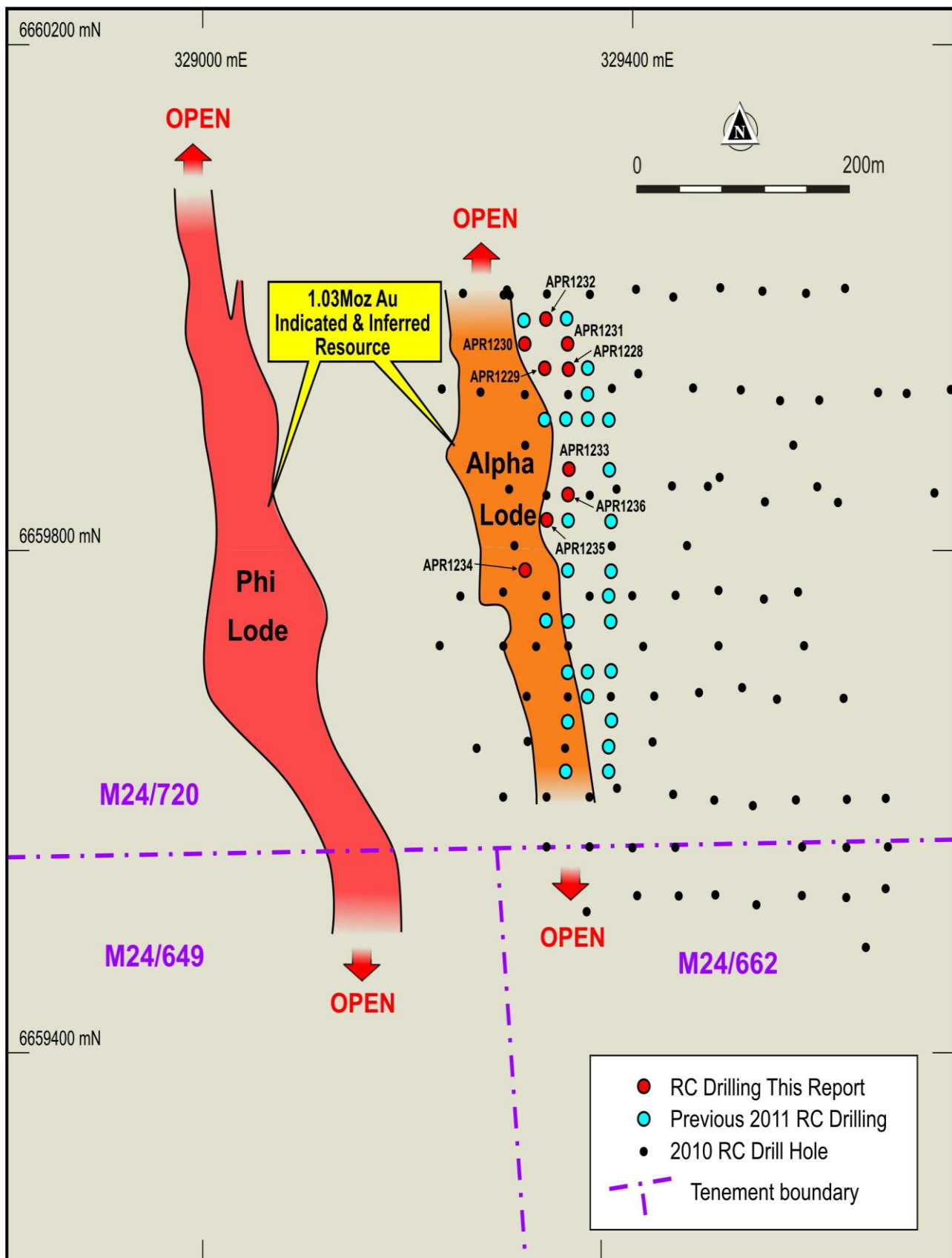


Figure 1: Drill Hole Locations (Refer Note 1 Re: Resources)

The table below lists all intervals greater than 0.5g/t gold. Assaying was conducted on 1 metre sample intervals with gold assayed by the Fire Assay 50 gram method with an AAS finish.

Hole	Easting	Northing	Dip	Azim	Incline Depth (m)	From (m)	To (m)	Length (m)	Au g/t	Domain
APR1229	329320	6659940	60°	270°	224.5	75	76	1	3	O
						90	113	23	1.87	O/T/P
						incl 111	112	1	14.43	P
						131	178	47	2.34	P
						186	187	1	2.69	P
						218	220	2	1.15	P
APR1230	329300	6659960	60°	270°	252	73	74	1	1.59	O
						84	85	1	0.74	O
						90	103	13	3.45	O
						121	122	1	1.13	P
						128	129	1	0.88	P
						138	139	1	0.68	P
						153	155	2	5	P
						162	164	2	0.81	P
						174	177	3	3.87	P
						207	209	2	0.66	P
						216	228	12	0.72	P
235	252	17	1.05	P						
APR1231	329340	6659960	60°	270°	252	20	22	2	1.13	O
						75	82	7	1.17	O
						93	99	6	0.6	O
						122	127	5	0.97	P
						164	174	10	4.09	P
						182	195	13	1.41	P
						201	206	5	0.82	P
						215	235	20	3.57	P
APR1232	329320	6659980	60°	270°	276	20	23	3	1.65	O
						65	67	2	1.75	O
						77	79	2	1.42	O
						118	119	1	0.91	P
						151	165	14	1.1	P
						184	186	2	1.87	P
						193	194	1	0.75	P
						203	204	1	3.51	P
						212	215	3	0.98	P
						223	229	6	1.87	P

For personal use only

For personal use only

Hole	Easting	Northing	Dip	Azim	Incline Depth (m)	From (m)	To (m)	Length (m)	Au g/t	Domain
APR1233	329340	6659860	60°	270°	246	78	80	2	5.45	O
						87	94	7	3.81	O/P
						97	99	2	0.81	P
						105	108	3	1.75	P
						119	120	1	3.57	P
						123	124	1	0.58	P
						140	156	16	4.2	P
						163	166	3	0.52	P
						181	184	3	0.82	P
						187	189	2	2.2	P
						206	208	2	1.68	P
						226	234	8	2.52	P
APR1234	329300	6659780	60°	270°	150	83	84	1	1.08	O
						130	135	5	0.93	P
APR1235	329382	6659820	60°	270°	234	30	31	1	0.5	O
						78	106	28	1.6	T
						159	160	1	1.63	P
						170	172	2	0.75	P
						176	177	1	1.48	P
						182	184	2	1.19	P
						190	191	1	7.96	P
APR1236	329340	6659840	60°	270°	216	73	91	19	2.09	O/T
						101	102	1	4.63	P
						108	117	9	5.13	P
						130	138	8	3.69	P
						144	147	3	0.95	P
						157	158	1	0.65	P
						168	169	1	0.63	P
						172	174	2	1.22	P
						196	216	20	1.47	P
Note: O = Oxide, T = Transitional, P= Primary Mineralisation										

Yours Sincerely,



Leon Reisgys  
Exploration and Development Director

**Competent Person Statement:** The information in this report that relates to exploration targets and exploration results is based on information compiled and reviewed by Leon Reisgys 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. Reisgys 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.

**Note 1:** Existing JORC Resource for the Aphrodite Gold Project consists of 3.67Mt @ 3.83g/t Au for 451,000 ounces (Indicated) and 6.39Mt @ 2.83g/t Au for 582,000 ounces (Inferred) totalling 10.06Mt @ 3.19g/t Au for 1,033,000 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 1.92Mt @1.96g/t Au for 121,000 ounces (Indicated) and 5.14Mt @1.81g/t Au for 299,000 ounces (Inferred) totalling 7.06Mt @ 1.85 g/t Au for 420,000ounces at a cut-off grade of 0.5g/t. Potential underground resources consist of 1.75Mt @ 5.87g/t Au for 330,000 ounces (Indicated) and 1.25Mt @ 7.02g/t Au for 283,000 ounces (Inferred) totalling 3.0Mt @ 6.35 g/t Au for 613,000 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 24 March 2011.