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## **Further Drill Results Confirm Significant Gold Discovery at Garden Well Prospect**

Regis Resources Ltd announces further encouraging gold assays returned from Aircore holes (GDAC019 to 041) from a 67 hole Aircore drilling programme at the Garden Well prospect over a strike length of at least 720 metres. The Garden Well prospect is located 35 kilometres south of the Moolart Well processing plant which is under construction. Results for holes GDAC001 to 007 were announced 18 December 2009 and results for GDAC008 to 018 in the December 2009 quarterly report. The results for holes GDAC042 to 067 are pending.

### **Highlights from the latest round of drilling include:**

**GDAC038: 50 metres @ 2.36g/t gold from 60 to 110 metres (EOH)**

**GDAC037: 51 metres @ 2.78g/t gold from 41 to 92 metres (EOH), including:**

- 4 metres @ 5.09g/t from 41 metres;
- 2 metres @ 10.75g/t from 49 metres;
- 24 metres @ 3.22g/t from 54 metres; and
- 11 metres @ 1.86g/t from 81 metres.

**GDAC036: 44 metres @ 3.65g/t gold from 65 to 109 metres (EOH), including:**

- 3 metres @ 4.35g/t from 65 metres;
- 3 metres @ 1.46g/t from 71 metres;
- 18 metres @ 6.28g/t from 77 metres; and
- 6 metres @ 3.96g/t from 103 metres.

**GDAC032: 33 metres @ 3.17g/t gold from 71 to 104 metres (EOH), including:**

- 7 metres @ 2.88g/t from 71 metres; and
- 23 metres @ 3.63g/t from 81 metres.

**GDAC031: 20 metres @ 2.9g/t gold from 44 to 64 metres.**

**GDAC025: 18 metres @ 1.67g/t gold from 81 to 99 metres.**

**GDAC024: 42 metres @ 2.02g/t gold from 40 to 82 metres, including:**

- 3 metres @ 12.92g/t from 57 metres;
- 2 metres @ 8.05g/t from 63 metres; and
- 5 metres @ 2.68g/t from 77 metres.

**GDAC024: 20 metres @ 1.43g/t gold from 105 to 125 metres.**

**GDAC023: 30 metres @ 1.03g/t gold from 72 to 102 metres.**

**GDAC022: 19 metres @ 3.99g/t gold from 32 to 51 metres, including:**

- 4 metres @ 5.76g/t from 32 metres; and
- 6 metres @ 8.65g/t from 45 metres.

These current drill results follow the previously reported significant results including:

**GDAC002: 73 metres @ 3.61g/t gold from 51 to 124 metres (EOH), including:**

- 7 metres @ 10.97g/t from 51 metres;
- 7 metres @ 9.01g/t from 61 metres; and
- 47 metres @ 2.58g/t from 77 metres

**GDAC005: 69 metres @ 4.26g/t gold from 42 to 111 metres (EOH), including:**

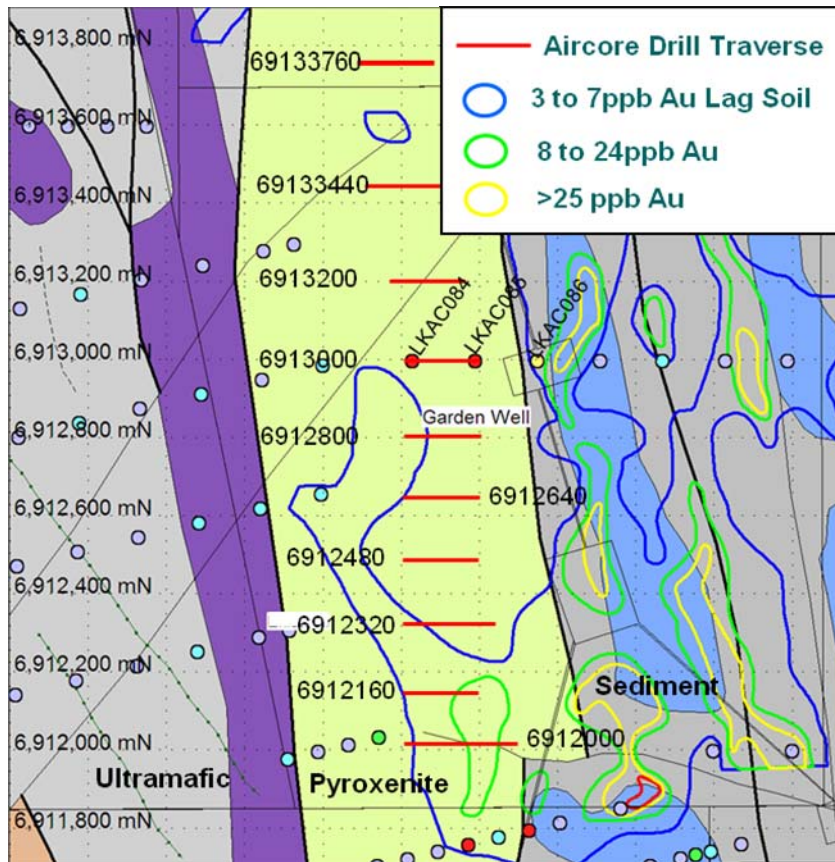
- 18 metres @ 11.32g/t from 42 metres;
- 5 metres @ 3.85g/t from 63 metres;
- 10 metres @ 1.65g/t from 79 metres; and
- 17 metres @ 2.95g/t from 94 metres.

**GDAC014: 4 metres @ 20.9g/t gold from 46 to 50 metres and 19 metres @ 4.5g/t gold from 89 to 108 metres.**

**GDAC018: 20 metres @ 3.8g/t gold from 77 to 97 metres (EOH) including:**

- 12 metres @ 6.0g/t from 77 metres

Aircore drilling was continued at the Garden Well prospect in mid-January 2010 to follow-up previously reported gold intersections in Aircore holes GDAC001 to 018. To date 68 Aircore holes have been drilled for 6,850 metres and further Aircore drilling is in progress along strike of established gold mineralisation. The Aircore holes have been drilled on east–west traverses varying from 160 metres to 200 metres apart along a north south trending gold mineralised structure located entirely under cover (Figure 1).



**Figure1: Geology of and Aircore Drill Traverses Garden Well**

To date gold mineralisation has been established from line 6912480mN to 6913200mN over a north-south distance of 720 metres. All holes have intersected a 20 to 30 metre layer of lacustrine clay and sand overlying oxidized and strongly altered Archaean stratigraphy. The gold mineralisation intersected to date is a broad 70 metre wide strongly altered zone dipping moderately to the east. Reported gold intersections are therefore expected to be close to true widths. Several of the holes end in gold mineralisation. Figures 2, 3 and 4 below show interpreted gold mineralised zones on sections 6913000mN, 6912800mN and 6912480mN.

Gold mineralisation has only been drilled to the Top of Fresh Rock approximately 100 to 120 metres below the surface. A programme of RC drilling is planned to commence shortly to reduce the drill spacing and to test the gold mineralised zone in fresh rock.

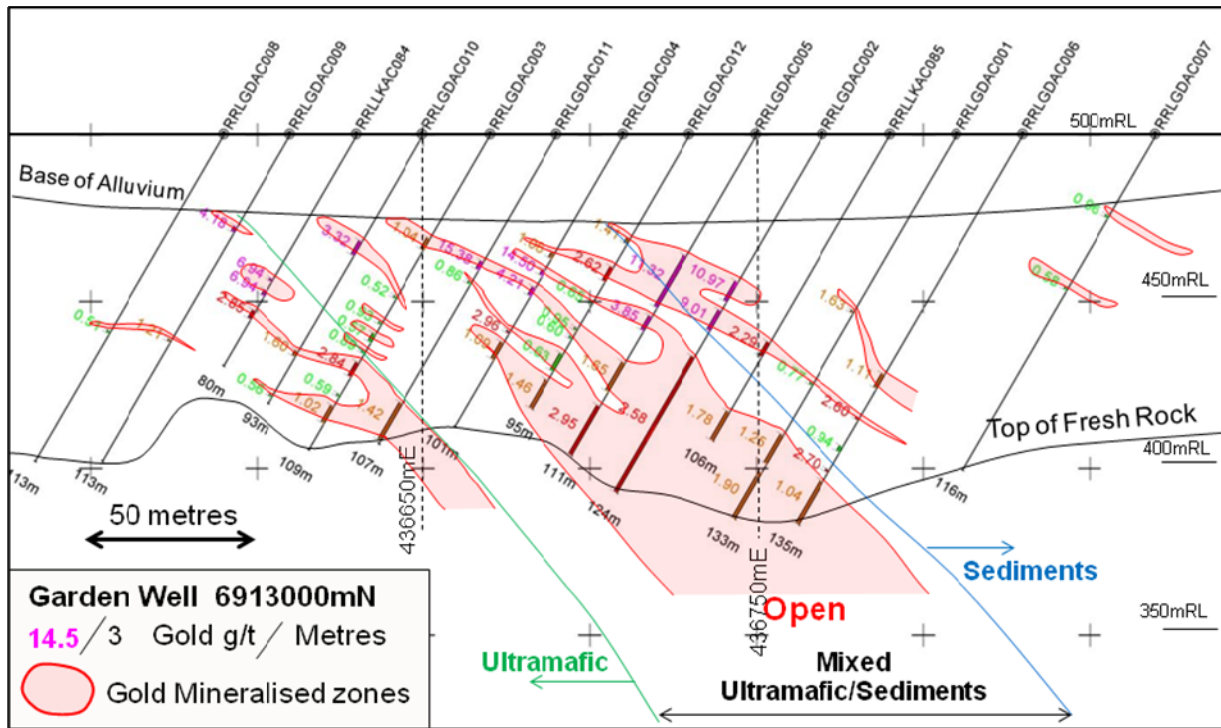


Figure 2: Aircore Drill Cross Section 6913000mN

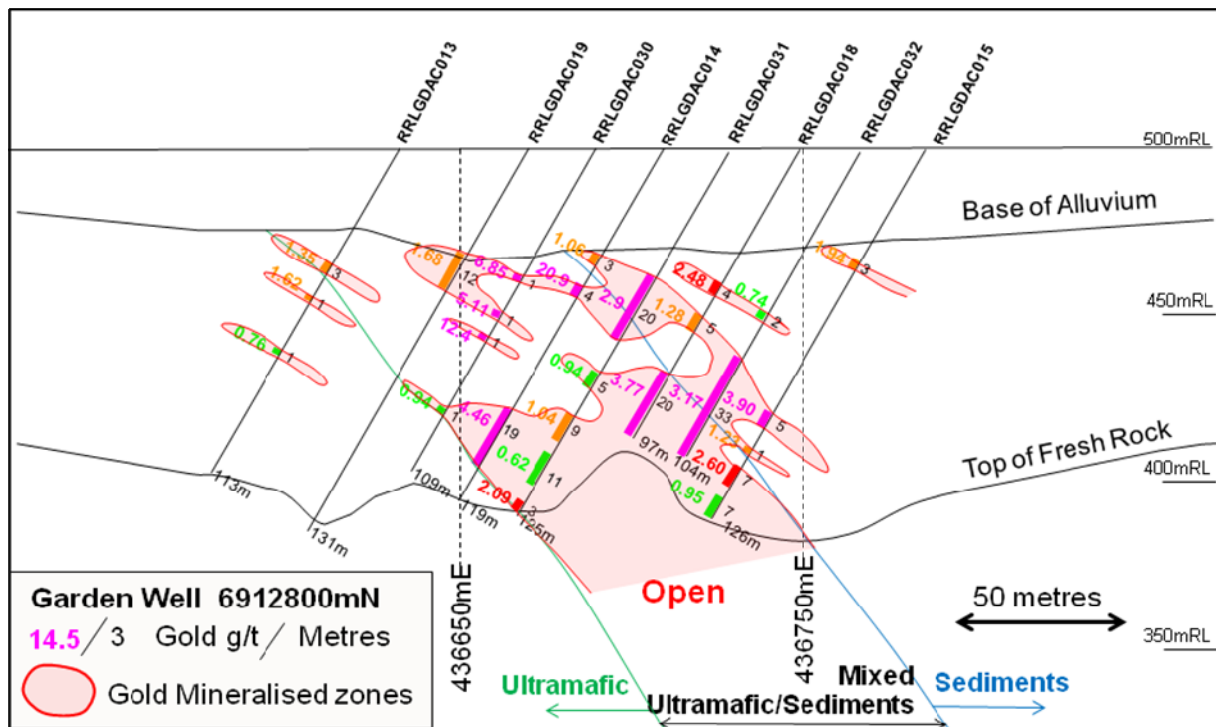
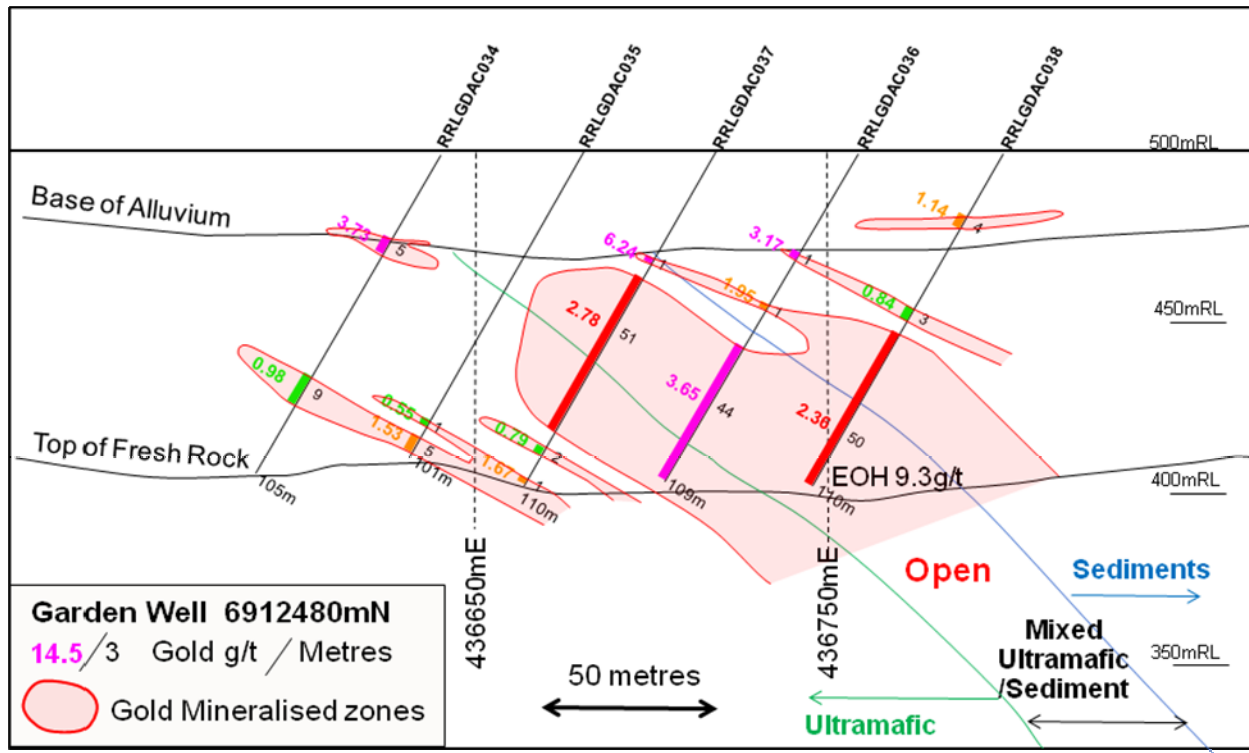


Figure 3: Aircore Drill Cross Section 6912800mN



**Figure 4: Aircore Drill Cross Section 6912480mN**

Significant assay results for holes GDAC019 to 041 are shown below.

**Table 1: Garden Well Gold Exploration Results**

Hole No	Northing (mN)	Easting (mE)	From (m)	To (m)	Interval (m)	Gold g/t
RRLGDAC019	6912800	436670	36	42	6	2.42
RRLGDAC019	6912800	436670	45	48	3	1.61
RRLGDAC022	6912640	436680	32	36	4	5.76
RRLGDAC022	6912640	436680	45	51	6	8.65
RRLGDAC022	6912640	436680	71	72	1	0.61
RRLGDAC023	6912640	436720	33	35	2	17.05
RRLGDAC023	6912640	436720	52	54	2	3.40
RRLGDAC023	6912640	436720	68	69	1	0.53
RRLGDAC023	6912640	436720	72	102	30	1.03
RRLGDAC024	6912640	436760	40	44	4	1.00
RRLGDAC024	6912640	436760	47	53	6	1.27
RRLGDAC024	6912640	436760	57	60	3	12.92
RRLGDAC024	6912640	436760	63	65	2	8.05
RRLGDAC024	6912640	436760	68	69	1	0.55
RRLGDAC024	6912640	436760	71	72	1	0.78
RRLGDAC024	6912640	436760	77	82	5	2.68
RRLGDAC024	6912640	436760	105	125 EOH	20	1.43

Hole No	Northing (mN)	Easting (mE)	From (m)	To (m)	Interval (m)	Gold g/t
RRLGDAC025	6912640	436800	53	56	3	0.74
RRLGDAC025	6912640	436800	62	65	3	2.58
RRLGDAC025	6912640	436800	77	78	1	0.77
RRLGDAC025	6912640	436800	81	99	18	1.67
RRLGDAC025	6912640	436800	127	128	1	1.10
RRLGDAC025	6912640	436800	132	138 EOH	6	2.75
RRLGDAC026	6913200	436630	44	50	6	3.85
RRLGDAC027	6913200	436590	66	67	1	1.67
RRLGDAC028	6913200	436670	33	34	1	0.76
RRLGDAC028	6913200	436670	53	56	3	4.26
RRLGDAC028	6913200	436670	67	70	3	0.60
RRLGDAC028	6913200	436670	82	83	1	0.64
RRLGDAC028	6913200	436670	89	90	1	0.99
RRLGDAC028	6913200	436670	99	100	1	0.52
RRLGDAC029	6913200	436710	71	82	11	0.86
RRLGDAC029	6913200	436710	104	113 EOH	9	0.64
RRLGDAC030	6912800	436690	43	44	1	6.85
RRLGDAC030	6912800	436690	55	56	1	5.11
RRLGDAC030	6912800	436690	63	64	1	12.4
RRLGDAC030	6912800	436690	88	89	1	0.94
RRLGDAC031	6912800	436730	44	64	20	2.90
RRLGDAC031	6912800	436730	77	82	5	0.94
RRLGDAC031	6912800	436730	91	100	9	1.04
RRLGDAC031	6912800	436730	104	115	11	0.62
RRLGDAC031	6912800	436730	121	124	3	2.09
RRLGDAC032	6912800	436770	64	66	2	0.86
RRLGDAC032	6912800	436770	71	78	7	2.88
RRLGDAC032	6912800	436770	81	104 EOH	23	3.63
RRLGDAC034	6912485	436640	28	33	5	3.73
RRLGDAC034	6912485	436640	74	83	9	0.98
RRLGDAC035	6912485	436680	88	89	1	0.55
RRLGDAC035	6912485	436680	95	100	5	1.53
RRLGDAC036	6912480	436760	33	34	1	3.17
RRLGDAC036	6912480	436760	51	52	1	1.95
RRLGDAC036	6912480	436760	65	68	3	4.35
RRLGDAC036	6912480	436760	71	74	3	1.46
RRLGDAC036	6912480	436760	77	95	18	6.28
RRLGDAC036	6912480	436760	103	109 EOH	6	3.96
RRLGDAC037	6912478	436720	34	35	1	6.24
RRLGDAC037	6912478	436720	41	45	4	5.09
RRLGDAC037	6912478	436720	49	51	2	10.75
RRLGDAC037	6912478	436720	54	78	24	3.22



Hole No	Northing (mN)	Easting (mE)	From (m)	To (m)	Interval (m)	Gold g/t
RRLGDAC037	6912478	436720	81	92	11	1.86
RRLGDAC037	6912478	436720	97	99	2	0.79
RRLGDAC037	6912478	436720	109	110 EOH	1	1.67
RRLGDAC038	6912475	436800	20	24	4	1.14
RRLGDAC038	6912475	436800	51	54	3	0.84
RRLGDAC038	6912475	436800	60	110 EOH	50	2.36

All coordinates are AGD 84. All holes drilled at 60° to 270°.

All Intercepts calculated using a 0.5g/t lower cut, no upper cut, maximum 2m internal dilution.

All assays determined on 1m split samples by fire assay.

Wet samples were encountered below 65m although sample return was good.

EOH=end of hole.

Regis' Managing Director, Mr Mark Clark commented:

“These results confirm the Garden Well prospect as a significant gold discovery. We have confirmed economic grade mineralisation over a current strike length of 720 metres and the prospect is open to the south along strike and at depth. We will accelerate the drilling required to define the full extent of the discovery and will then expedite the calculation of a maiden resource for the Garden Well prospect.”

Yours sincerely

**Regis Resources Limited**



Mark Clark  
Managing Director

The technical information in this report has been reviewed and approved by Mr Morgan Hart who is a member of the Australasian Institute of Mining and Metallurgy. Mr Hart 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 the Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Morgan Hart is a director and full time employee of Regis Resources Ltd and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.