

Company Announcement

06 March 2013

Exploration Update Gold Results – Deep South and Coles, Aeromagnetics at Yundamindera – Coffey Bore

Hawthorn Resources Limited (ASX:HAW) is pleased to update shareholders with gold results from recent drilling programs in the **Deep South** and **Trouser Legs – Coles** Project Areas.

Results at **Deep South** including:

- **17 metres @ 2.35 g/t Au from 2 metres depth,**
- **12 metres @ 2.47 g/t Au from 37 metres depth, and**
- **3 metres @ 8.13 g/t Au from 81 metres depth**

continue to indicate that an open pit may be developed on the **Central Prospect**. Further intercepts of steep northerly plunging, high grade, gold shoots beneath this notional pit area, continue to enhance underground mining potential. Exploratory drilling between the **Central** and **Southern Prospects** intercepted gold mineralisation on 3 of the 4 short fences drilled.

At the **Coles Prospect** in the **Trouser Legs JV Project Area** - 6 initial RC drill holes designed to extend, at depth and along strike, historic drill results successfully intercepted broad zones of gold mineralisation including:

- **10 metres @ 2.09 g/t Au from 18 metres depth,**
- **15 metres @ 1.05 g/t Au from 12 metres depth, and**
- **17 metres @ 1.02g/t Au from 25 metres depth**

Results from both drilling programs continue to be assessed as both **Deep South** and **Coles** may be developed subsequent to proposed mining operations at **Anglo Saxon** in the **Trouser Legs JV** area.

At the **Yundamindera Project Area** a detailed aeromagnetic survey designed to identify targets of a similar nature to the mineralised **Coffey Bore Prospect** is complete. Several drill targets have been identified in initial interpretation – drill testing is to commence upon completion of interpretation.

Introduction

Hawthorn Resources Limited is pleased to update shareholders with results from recently completed initial RC drilling carried out at the **Coles Prospect** in the **Trouser Legs JV Project** (Hawthorn 70%, Gel Resources 30%) area. The **Coles Prospect** is approximately 5.0 km north of the **Anglo Saxon Mine** area, where Hawthorn has announced very high gold grades in most recent drilling and an intention to move into production in the upcoming year (**HAW:ASX release 23/01/2013**).

In addition a further program of drilling was undertaken at Hawthorn's **Deep South Project** (Hawthorn 80%, Alacer Gold 20%), to infill known gold mineralisation at the **Central Prospect** and drill test the interpreted target horizon between the **Central** and **Southern Prospect**

Current Program

Recent RC drilling at the **Coles Prospect** (6 holes / 596 metres on 3 sections) was designed to extend the strike and depth extent of earlier 1990's RC drilling. Photograph below of holes COLC01 and COLC04 (foreground) being drilled.



Drilling has successfully identified the two broad, main zones of gold mineralisation identified in historic drilling with results including:

- **10.0 metres @ 2.09 g/t Au from 18-28 metres – COLC001,**
- **and 9.0 metres @ 1.07 g/t Au from 48-57 metres,**
- **4.0 metres @ 1.01 g/t Au from 63-67 metres – COLC002,**
- **4.0 metres @ 1.01 g/t Au from 86-90 metres – COLC003,**
- **15.0 metres @ 1.05 g/t Au from 12-27 metres – COLC004,**
- **and 5.0 metres @ 1.06 g/t Au from 63-68 metres,**
- **17.0 metres @ 1.02 g/t Au from 25-42 metres – COLC006,**

These results have confirmed that ore zones of significant width exist at this prospect, however supergene enrichment in the centre of the prospect area may be responsible for several of the gold results reported in historic RC and Diamond Core drilling. Nonetheless the prospect remains open to the north and south and may be developed as a satellite gold deposit when mining operations recommence at **Anglo Saxon**.

Further drill testing of this prospect and the **Exile**, **Exile North** and **Sulphide Prospects** (600 metres north of **Coles**) is planned in conjunction with further pit definition, geotechnical and metallurgical drilling at **Anglo Saxon** to occur between March and May 2013.

Drilling at the **Deep South Project** area was designed to infill the known gold mineralisation at the **Central Prospect** at 20 and 40 metre line spacing (13 holes / 1034 metres on 6 sections) and to test previously undrilled areas between the **Central** and **Southern Prospects** at 200 metre line spacing (10 holes / 1188 metres on 4 sections).

Drilling at the **Central Prospect** has infilled, shallow, near surface gold mineralisation results with results including:

○ 5.0 metres	@	2.23 g/t Au	from 14-19 metres – DSC070,
○ 3.0 metres	@	2.89 g/t Au	from 49-52 metres – DSC071,
○ 3.0 metres	@	8.13 g/t Au	from 81-84 metres – DSC072,
○ 17.0 metres	@	2.35 g/t Au	from 2-19 metres – DSC073,
○ 12.0 metres	@	2.47 g/t Au	from 37-49 metres – DSC074,
○ 1.0 metre	@	10.84 g/t Au	from 24-25 metres – DSC075
○ 2.0 metres	@	3.35 g/t Au	from 53-56 metres – DSC076,
○ 4.0 metres	@	2.90 g/t Au	from 33-37 metres – DSC077,
○ 2.0 metres	@	4.01 g/t Au	from 53-55 metres – DSC078,
○ 2.0 metres	@	1.79 g/t Au	from 19-21 metres – DSC079,
○ 1.0 metre	@	4.49 g/t Au	from 49-50 metres – DSC080,
○ 2.0 metres	@	2.86 g/t Au	from 33-35 metres – DSC081,
○ 1.0 metres	@	6.07 g/t Au	from 83-84 metres – DSC082,

Each hole in this program intercepted the target mineralised horizon and the broad near surface results in **DSC073** and **DSC074** enhance the potential for exploitation of the area via a small open pit, while the high grade intercept in **DSC072** continues to define a high grade gold shoot that may also be exploitable by subsequent underground mining.

Exploration drilling at 200 metre line spacing between the **Central** and the **Southern Prospects** intercepted the target horizon in 3 of the 4 sections drilled. Results included:

○ 2.0 metres	@	2.58 g/t Au	from 58-60 metres – DSC091,
○ 2.0 metres	@	2.08 g/t Au	from 91-93 metres – DSC094,
○ 2.0 metres	@	3.06 g/t Au	from 34-36 metres – DSC098,

These results are significant as they confirm the continuity of the target mineralised horizon over significant strike – and as demonstrated at the **Central Prospect** potentially economic gold mineralised zones can be developed within this horizon. Follow up RC drilling is required

At **Yundamindera – Coffey Bore** geophysical contractors, Aeroquest (formerly UTS) have completed a 3153 line kilometre aeromagnetic survey over the entire **Yundamindera Project** area. The survey was designed to identify the extensions of the **Coffey Bore** porphyry, identify repetitions of the porphyry signature within the larger project area and focus drill targets to be drilled in the upcoming year. Several such targets have been identified in initial interpretation and will be drill tested once full interpretation is complete.

For further information please contact

Mourice Garbutt Company Secretary 03 9605 5917

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Ian Moody, who is a member of the Australasian Institute of Mining and Metallurgy and a full time consultant geologist with First Principle Mineral Exploration Company Pty Ltd. Mr Moody has sufficient experience as a geologist which is relevant to the style of mineralization and the 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 of Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Moody consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Appendix 1. RC drilling results Coles Prospect (COLC) and Deep South (DSC)

Hole No.	Azimuth	Dip	North	East	From (m)	To (m)	Width (m)	Au (g/t)
COLC01	-60	71	6679141	471081	18	28	10	2.09
and					35	36	1	3.67
and					48	57	9	1.07
COLC02	-60	71	6679137	471063	63	67	4	1.01
and					73	77	4	0.50
COLC03	-60	71	6679129	471052	86	90	4	1.01
COLC04	-60	71	6679098	471097	12	27	15	1.05
and					49	52	3	0.70
and					63	68	5	1.06
COLC05	-60	71	6679095	471082	40	45	5	0.50
and					57	58	1	2.93
COLC06	-60	72	6679184	471073	25	42	17	1.02
DSC070	-60	90	6729209	456715	14	19	5	2.23
DSC071	-60	85	6729210	456691	49	52	3	2.89
DSC072	-60	85	6729210	456675	81	84	3	8.31
DSC073	-60	85	6729174	456715	2	19	17	2.35
DSC074	-60	85	6729172	456698	37	49	12	2.47
DSC075	-60	85	6729131	456709	6	8	2	1.35
and					24	25	1	10.84
DSC076	-60	85	6729131	456692	53	55	2	3.35
DSC077	-60	85	6729082	456704	10	11	1	3.02
and					20	21	1	4.01
and					33	37	4	2.90
DSC078	-60	90	6729085	456689	53	55	2	4.01
DSC079	-60	85	6729251	456714	19	21	2	1.79
DSC080	-60	85	6729251	456695	49	50	1	4.49
DSC081	-60	85	6729311	456705	33	35	2	2.86
DSC082	-55	85	6729312	456664	83	84	1	6.07
DSC090	-55	90	6727959	456818	NSA			
DSC091	-55	91	6727951	456774	58	60	2	2.58
DSC092	-55	91	6727946	456737	NSA			
DSC093	-55	91	6728106	456783	NSA			
DSC094	-55	92	6728113	456748	91	93	2	2.08
DSC095	-55	91	6728432	456767	NSA			
DSC096	-55	88	6728433	456730	NSA			
DSC097	-55	91	6728428	456684	NSA			
DSC098	-55	91	6728729	456709	34	36	2	3.06
DSC099	-55	90	6728729	456668	NSA			

All RC Holes collected as 1 metre splits from rotating splitter.

All Assays Amdel Laboratories, Kalgoorlie

0.50 g/t Au lower cut - < 2.0m of internal waste

25.0 g/t Au upper cut

Only results > 2.00 g/t x m reported

Drillholes DSC083 – DSC089 yet to be drilled

EOH = End of Hole