Dated: 5<sup>th</sup> December 2012



# LATEST DRILLING INTERCEPTS SIGNIFICANT MINERALISATION AT PHOENIX'S CASTLE HILL GOLD PROJECT

ASX: PXG, PXGOA

## HIGHLIGHTS

- Significant drill results include:
  - 94m at 2.6g/t Au from 88m
  - 8m at 2.4g/t Au from 74m
  - 5m at 2.2g/t Au from 142m
  - 56m at 0.9g/t Au from 79m
  - 38m at 0.8g/t Au from 161m
  - 20m at 0.8g/t Au from 88m
- Drilling further demonstrates potential outside the current resource envelope
  - Mineralisation remains open in all directions and at depth
- Further drilling results expected from Castle Hill early in the March Quarter

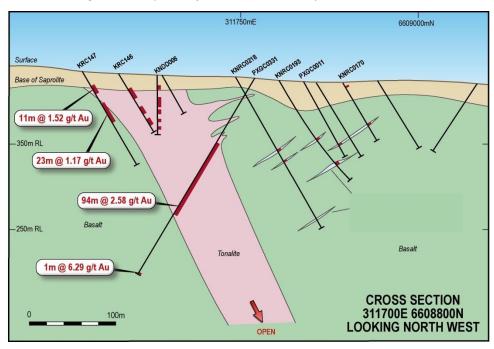


Figure 1: Castle Hill Stage 1 Cross section A-A' (See Figure 3)

"This result is by far the most significant and largest gram-metre intercept at Castle Hill and reinforces the potential strike and at depth. The project continues to exceed our expectations and is only 35 minutes' drive from Kalgoorlie-Boulder," Managing Director Jon Price said.

"We now look forward to releasing the rest of the assays in due course and updating the geological model for Castle Hill Stage 1 in the March Quarter next year," Mr Price said.

## **Phoenix Gold Ltd**

ABN 55 140 269 316

73 Dugan Street
PO Box 100
Kalgoorlie WA 6430
Phone +61 8 9021 2704
Fax +61 8 9021 3393

www.phoenixgold.com.au info@phoenixgold.com.au

## 5<sup>th</sup> December 2012

### **Overview**

Phoenix Gold Limited (ASX: PXG, "Phoenix") is pleased to announce results from its recently commenced drill programme at its flagship Castle Hill gold project. The project is located on the highly prospective Kunanalling shear zone in the heart of the Western Australian Goldfields (Figure 4) less than 50 km from the regional mining centre of Kalgoorlie.

The project area lies on the western margin of the Coolgardie Domain of the Norseman-Wiluna Belt, and is transected by the Kunanalling Shear Zone (Figure 4). At Castle Hill the Kintore Tonalite (porphyry) is the main host to gold mineralisation complemented with high grade shear hosted lodes in the adjacent basalt.

The current Castle Hill Resource estimate stands at 21.71 million tonnes at 1.5 g/t Au for 1,059,000 curves (Table 1). This Resource extends to a depth of 85m below surface and will be updated this Quarter with the results from the diamond drilling completed in September (announced on 11<sup>th</sup> September 2012). A further Resource upgrade with these new results is expected in the March Quarter 2013.

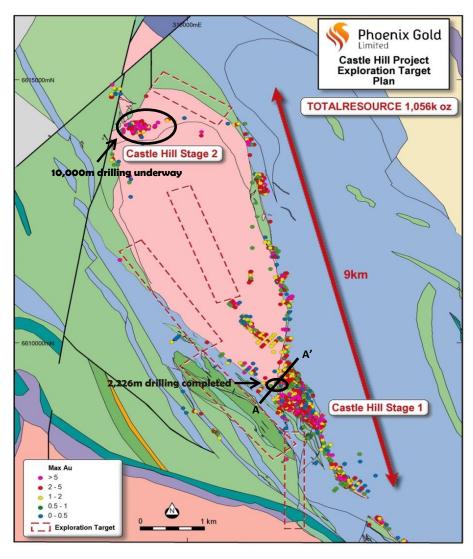


Figure 2: Castle Hill – regional geology, drilling and cross section location

## **ASX** Announcements

1

In November, a total of 11 diamond drill holes totalling 2,226 metres were completed at Castle Hill Stage 1 (Figures 2 and 3). The programme was a combination of extensional drilling and infill drilling for improved geological confidence to bring mineralisation into resource and to convert Inferred material to an Indicated category. Appendix 1 below lists the assays received to date.

The drilling programme produced a number of very substantial mineralised intersections beneath the current resource envelope including 94m at 2.58g/t Au from 88m in drill hole PXGC0331 (Figure 1). This hole, drilled to a depth of 260m, also ended in high grade mineralisation with an intercept of 1m at 6.39g/t Au from 259m.

These results, together with the diamond drill results announced on 9<sup>th</sup> September 2012 have clearly demonstrated the potential of the mineralisation to grow significantly at depth.

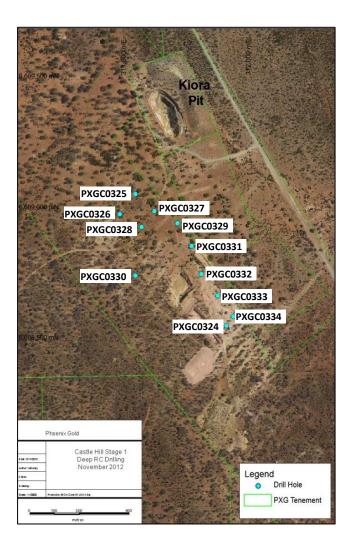


Figure 3: Castle Hill - Drill hole location plan

5<sup>th</sup> December 2012



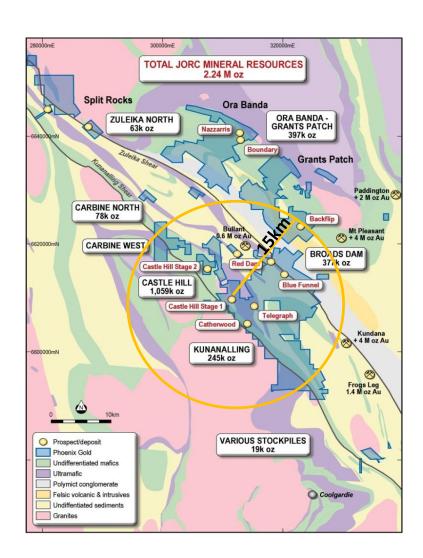


Figure 4: Castle Hill Stage 1 and Phoenix tenements

Visit us at www.phoenixgold.com.au

For further information please contact

### **Investors**

Jon Price, Managing Director - PXG (08) 90 212 704

info@phoenixgold.com.au

### Media

Fiona Meiklejohn FTI Consulting

(08) 9485 8888 or 0415 660 076

5<sup>th</sup> December 2012

## **ASX** Announcements

#### **About Phoenix**

5<sup>th</sup> December 2012

Phoenix Gold Ltd is an emerging Australian exploration and development company with an extensive land holding on the Zuleika and Kunanalling shear zones northwest of Kalgoorlie in Western Australia, home to some of Australia's richest gold deposits.

Kalgoorlie-based Phoenix is aiming to significantly grow its JORC-classified resources, complete a definitive feasibility study on core projects and to self- fund aggressive exploration through the development of advanced mining projects that can deliver cash flow in the short term.

The 100% owned Castle Hill gold project is emerging as a flagship asset with the potential to become a multi-million ounce gold mine<sup>1</sup> with excellent metallurgy and close to all major infrastructure. Castle Hill is one of many well-endowed gold systems within Phoenix's portfolio.

With a balanced mix of exploration (new discoveries and extensions) and development of a sustainable production profile, Phoenix aims to grow a significant gold company for the benefit of all stakeholders.

Table 1: Phoenix Gold - Summary of Mineral Resources

	Project	Measured Mineral Resource			Indicated Mineral Resource			inferred Mineral Resource			Total Mineral Resource		
7	) ITOJECI	Mt	Au (g/t)	Au Oz	Mŧ	Au(g/t)	Au oz	Mt	Au (g/t)	Au Oz	Mt	Au (g/t)	Au Oz
-	Castle Hill	0.18	3.4	20,000	7.28	1.5	356,000	14.25	1.5	684,000	21.71	1.5	1,059,000
	Broads Dam				2.37	2.2	168,000	2.95	2.2	210,000	5.32	2.2	377,000
_	Kunanalling	0.49	2.4	38,000	0.78	1.6	40,000	2.91	1.8	166,000	4.18	1.8	245,000
	Ora Banda/												
	Grants Patch				1.52	2.0	97,000	5.12	1.8	300,000	6.64	1.9	397,000
	Carbine							1.40	1.7	78,000	1.40	1.7	78,000
1	Zuleika North				0.51	2.5	41,000	0.27	2.5	22,000	0.78	2.5	63,000
	Stockpiles				0.50	1.2	19,000				0.50	1.2	19,000
	<u>Tota</u> l	0.67	2.7	58,000	12.96	1.7	721,000	26.89	1.7	1,460,000	40.52	1.7	2,239,000

#### Notes:

<sup>1.</sup> Stockpiles report material mined from historical mining operations at Lady Jane, Broads Dam, Premier, Catherwood, Bluebell, Mick Adam and Shamrock

<sup>2.</sup> The information in this report that relates to Exploration results and Mineral Resources is based on information compiled by Mr Ian Copeland. Mr Copeland, who is a member of the Australasian Institute of Mining and Metallurgy and a member of the Australian Institute of Geoscientists, is a full time employee of Phoenix Gold. Mr Copeland has sufficient experience which is relevant to the style of mineralisation and types of deposits 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 Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Copeland has given his consent to the inclusion in the report of matters based on the information in the form and context in which it appears.

<sup>3.</sup> Information that relates to exploration and production targets refers to targets that are conceptual in nature, where there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

<sup>4.</sup> The information on exploration targets is based on a conceptual range of targets as follows: Tonnage range: 2 million to 20 million tonnes, grade range: 1.5 g/t Au to 5 g/t Au

## **ASX** Announcements

## 5<sup>th</sup> December 2012

## Appendix 1

		6.11		CA 54	1		1_	_		140 111	
Hole_ID	Depth		Location M		Dip	Azi	From	To	Grade	Width	Description
DVCC0224	110	East	North	RL	- 60	40	(m)	(m)	(g/t Au)	(m)	1 0001 // 1
PXGC0324	110	311887	6608556	426	-60	40	38	39	0.31	1	1m @ 0.31 g/t A
							74	82	2.39	8	8m @ 2.39 g/t A
DYCCO33C	405	244470	CC0000F	420		220	88	108	0.81	20	20m @ 0.81 g/t A
PXGC0326	185	311470	6608985	429	-60	220	15	16	0.33	1	1m @ 0.33 g/t A
							39	40	0.77	1	1m @ 0.77 g/t A
							50	59	0.55	9	9m @ 0.55 g/t A
							83	84	0.38	1	1m @ 0.38 g/t A
							92	94	1.14	2	2m @ 1.14 g/t A
								100	0.25	2	3m @ 0.25 g/t A
<i>(</i> // <i>)</i> )							124 <b>142</b>	126	0.66		2m @ 0.66 g/t A
								147	2.24	5	5m @ 2.24 g/t A
77							150	151	0.41	1	1m @ 0.41 g/t A
							155	160	0.58	5	5m @ 0.58 g/t A
DVCC0330	250	244702	6600040	426		220	168	169	0.47	1	1m @ 0.47 g/t A
PXGC0329	256	311703	6608948	426	-60	220	22	23	0.34	1	1m @ 0.34 g/t A
							29	34	1.12	5	5m @ 1.12 g/t A
							107	108	0.39	1	1m @ 0.39 g/t A
$(\bigcup)$							120	142	0.61	22	22m @ 0.61 g/t /
							161	199	0.79	38	38m @ 0.79 g/t
							203	219	1	16	16m @ 1.00 g/t A
							230	235	0.47	5	5m @ 0.47 g/t A
							240	245	0.73	5	5m @ 0.73 g/t A
							248	249	0.82	1	1m @ 0.82 g/t A
27000224	200	244754	CCOOCE	425		220	253	254	0.54	1	1m @ 0.54 g/t A
PXGC0331	260	311751	6608865	425	-60	220	88	182	2.58	94	94m @ 2.58 g/t A
N/ ))							185	187	1.63	2	2m @ 1.63 g/t A
							200	203	0.27	3	3m @ 0.27 g/t A
DVCC0333	1.45	211001	CC007FF	420		220	259	260	6.29	1	1m @ 6.29 g/t A
PXGC0332	145	311801	6608755	426	-60	220	63	66 74	0.45	3	3m @ 0.45 g/t A
							69		0.43	5	5m @ 0.43 g/t A
DVCC0333	100	211004	CC09C71	430	-60	220	79	135	0.92	56	56m @ 0.92 g/t A
PXGC0333	180	311864	6608671	430	-60	220	1	2	0.51	1	1m @ 0.51 g/t A
							7	8	0.4	1	1m @ 0.40 g/t A
							52	57	1.66	5	5m @ 1.66 g/t A
DVCC0224	100	211000	6600505	426	-60	220	69	72	1.54	3	3m @ 1.54 g/t A
PXGC0334	180	311899	6608565	420	-60	220	17	23	0.57	1	1m @ 0.57 g/t A
									0.7	6	6m @ 0.70 g/t A
							27	36	0.38	9	9m @ 0.38 g/t A
							42	55	0.6	13	13m @ 0.60 g/t A
							58	59	0.65	1	1m @ 0.65 g/t A
							65	66	0.36	1	1m @ 0.36 g/t A
							79	80	0.35	1	1m @ 0.35 g/t A
							85	86	0.45	1	1m @ 0.45 g/t A
							89	94	0.87	5	5m @ 0.87 g/t A
							97	99	0.54	2	2m @ 0.54 g/t A
		l	1		1	I	103	109	0.43	6	6m @ 0.43 g/t A

Note to Table 2: Analysis by 40g Fire assay. Results compiled using a 0.3g/t Au lower cut-off. Maximum of 2m down hole dilution included