

DOORNKOP SHAFT

Doornkop

25 August 2010



Private Securities Litigation Reform Act Safe Harbour Statement

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GOLD

Resources and reserves

MINERAL RESOURCES

	MEASURED				INDICATED				INFERRED				TOTAL			
	tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)	tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)	tonnes (Mt)	g/t	Gold ('000) (kg)		tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)
Underground	(("9)	(02)	(1117)		(19)	(02)	(1117)		(19)	(02)	(1117)		(19)	(02)
Doornkop Kimberley Reef	31.8	2.22	71	2 269	50.4	1.86	93	3 006	177.9	1.81	321	10 335	260.1	1.87	486	15 610
Doornkop South Reef	1.0	7.08	7	229	1.9	6.42	12	398	20.0	8.35	167	5 366	22.9	8.13	186	5 993
Grand Total	32.8	2.37	78	2 498	52.3	2.02	106	3 404	197.9	2.47	488	15 701	283.0	2.37	672	21 603

MODIFYING FACTORS

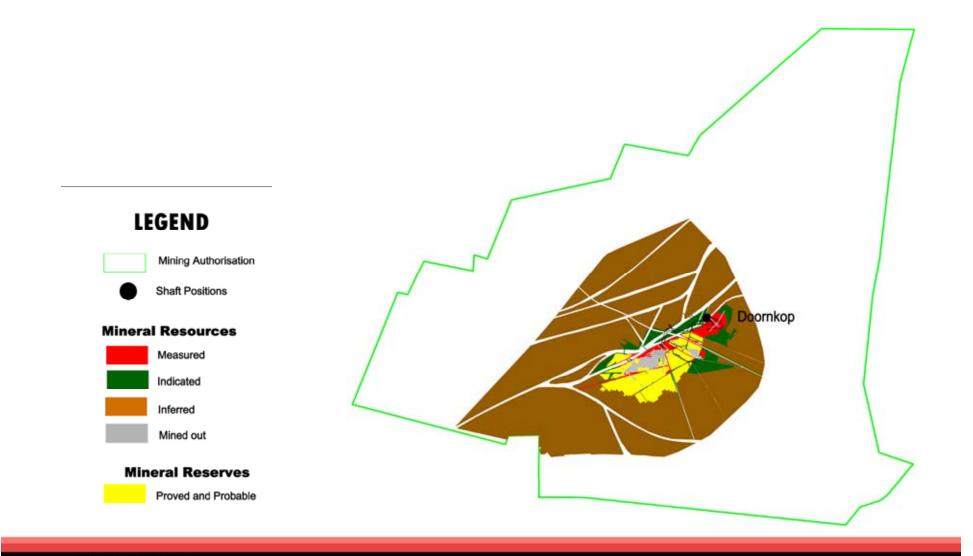
	MCF	SW	MW	PRF
	(%)	(cm)	(cm)	(%)
Doornkop Kimberley Reef	95	434	434	95
Doornkop South Reef	75	124	151	95

MINERAL RESERVES

		PRO	VED			PROB	ABLE		TOTAL				
	tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)	tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)	tonnes (Mt)	g/t	Gold ('000) (kg)	Gold ('000) (oz)	
Underground													
Doornkop Kimberley Reef	0.9	1.79	2	53	1.0	2.16	2	68	1.9	1.98	4	121	
Doornkop South Reef	0.7	5.06	3	107	1.5	4.41	7	209	2.1	4.61	10	316	
Grand Total	1.6	3.15	5	160	2.4	3.52	9	277	4.0	3.37	14	437	



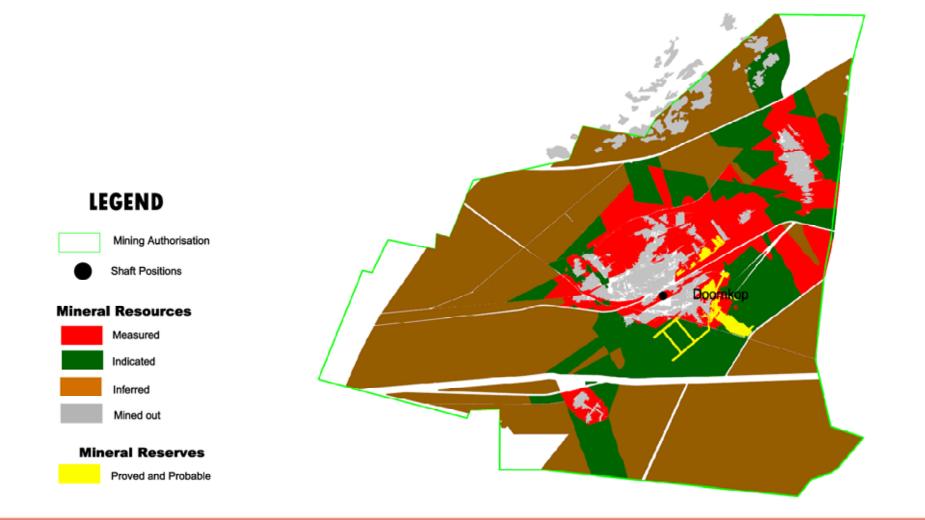
South Reef



www.harmony.co.za

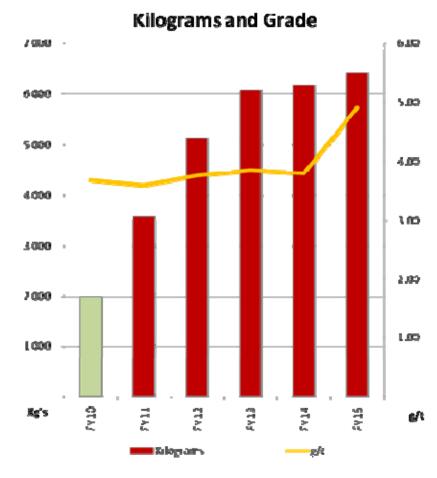


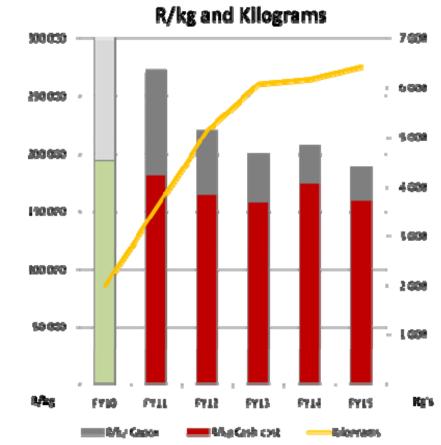
Kimberley Reef





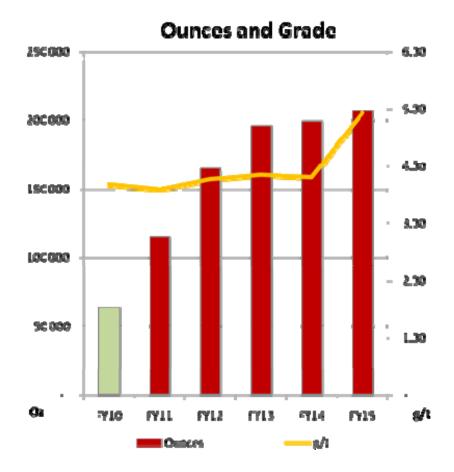
Production (Metric)

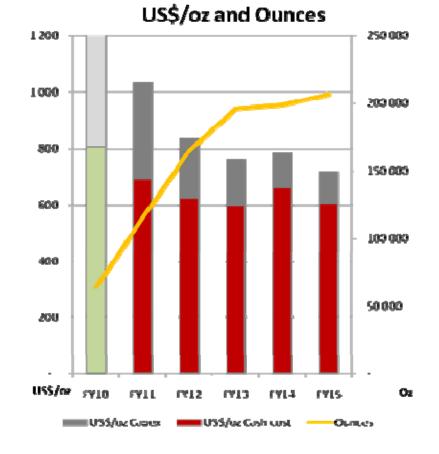






Production (Imperial)





Exchange rate: R8.19/US\$1

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Key parameters

- Life of mine (LOM) = 14 years
- Peak production (2015 2020)
 - 7 846kg (average/year for total mine)
 - 252 000oz (average/year for total mine)
 - 1.584Mt/year (average/year for total mine) @ 4.95g/t
- 81 000kg Au will be mined over LOM
- Recovery grade (average LOM) at 4.11g/t (Kimberley reef at 1.88g/t; South reef at 4.91g/t)
- Cash operating cost (real terms)
 - R146 952/kg (average/year during peak production)
 - R727/t (average/year during peak production)
- Cost after capital (real terms)
 - R167 255/kg (average/year during peak production)
 - R828/t (average/year during peak production)
- Productivity (average/year during peak production)
 - 137g/TEC
 - 30t/TEC



Actions in place to achieve plan

- Safety
 - "Siyangoba" behaviour-based safety programme
 - comprehensive fall of ground prevention strategy designed for Doornkop's ground conditions
 - well-established underground and surface training centres, making use of latest technology
- Production
 - focus on face length creation
 - improved development efficiencies
 - equipping implementation of drill rigs
 - timeous recruitment and training of people to resource the build up plan
 - replacement of Kimberley reef trackless equipment



Potential risks

- Geological interpretation of the South Reef orebody
 - more clarity obtained in last 12 months
- Experience of new production crews
 - effective training program for new recruits in place
- Timeous sourcing of critical skills
- Development rate

HARMONY

Doornkop South Reef Project

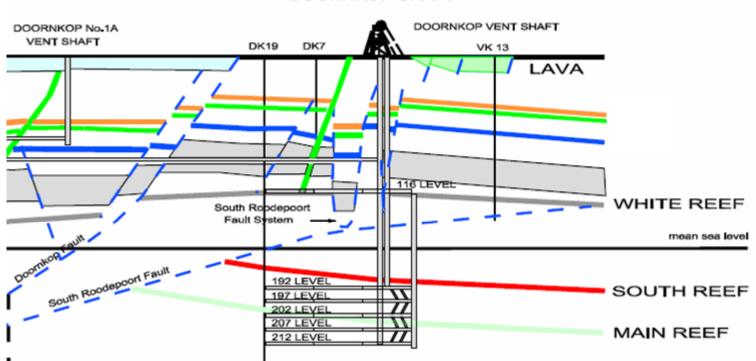


Project goal and summary

- Project goal
 - producing 634kg gold per month at
 - throughput of 128 000tpm
 - grade of 4.96g/t
- Summary
 - The project commenced in 2003 and was essentially a shaft deepening project that would allow access to additional resources on the South Reef project. With the completion of the sinking programme in 2008 and the shaft infrastructure in 2009, the remaining work on the project consists of access development on the four main levels and infrastructure completion on surface and underground.



Schematic section



DOORNKOP SHAFT



Project status

- Final phase of shaft construction during the last quarter of FY10
- Focussing primarily on development
- Infrastructure work to be completed includes
 - equipping of the rock winder compartments and water reticulation system
 - rock winder will be commissioned down to 212 level by September 2010
- Ventilation and cooling aspects will start during FY11 and will be completed during FY12
- Continue to explore main reef



Capital expenditure

