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# **ASX Release**

## Prominent Hill 2011 Annual Mineral Resource and Ore Reserve Statement



OZ Minerals Managing Director and CEO Terry Burgess said, "We have grown the global copper Resource base through the reporting of a maiden Resource for the Kalaya underground mineral zone. Copper and gold Reserves in the Malu pit have decreased in line with depletion from mining. The newly estimated global copper grade is slightly lower due to the inclusion of further tonnes of gold Reserves. The various ore types are mined, stockpiled and treated separately so this has no effect on production feed grades, until later when the additional lower grade gold Reserves are treated.

"Our focus for extending mine life is now on upgrading the Resources in the upper levels of the Malu zone, in the 300 metres immediately beneath the pit, with a view to development of a second underground mine to be developed in conjunction with the open pit. An exploration decline to access this area is expected to be completed half way through 2012, after which drilling can commence. The next step in 2012/2013 will be to further investigate the potential in both the Kalaya zone, and the deeper Malu mineralisation to assess mining possibilities after the life of the open pit."

Mineral Resources have changed from 285Mt at 0.90% copper, 0.8g/t gold for 2,542kt copper and 7.2 million ounces of gold in 2010 to 272.7Mt at 0.98% copper, 0.7g/t gold for 2,678kt copper (or 5.9 billion pounds of copper) and 6.3 million ounces of gold.

Overall, copper metal in Resources increased with the inclusion of the newly defined Kalaya Resource as well as an increase in the Ankata Resource. This was despite a reduction in copper metal as a result of the reclassification of some 'Near Surface' Resource that was reported in 2010, to an 'Underground' Resource in this update. The reclassification involved a change in cut-off grade from 0.3% copper to 0.5% copper. There was also a reduction of approximately 6.5Mt of copper ore in the Malu Pit Resource in the 12 months to June 2011 from mining depletion (Figure 1).

Gold metal in Resources has decreased as a result of additional surface drilling and subsequent re-interpretation in the Kalaya Resource (previously reported as the Munda Zone) as well as changing the cut-off grade for the material that was previously classified as 'Near Surface' to 1.0g/t gold (previously 0.5g/t).

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Ore Reserves have decreased from the 2010 estimate of 75Mt at 1.21% copper, 0.67g/t gold for 905kt copper and 1.6 Moz gold to 72.3Mt at 1.13% copper and 0.64g/t gold for 818kt copper (or 1.8 billion pounds of copper) and 1.5 million ounces of gold.

Copper and gold in Reserves have decreased due to mining depletion. The average copper grade of the Reserve is lower due to an increase in gold ore however the copper grade of the copper ore is materially unchanged. Reductions in the Reserve were offset by improved reconciliation of the Resource model to ore processed and ore added due to higher commodity prices used in the estimation of the Reserve.

The cut-off date for drilling data which contributed to this annual update was 30 June 2011. Drilling results received from the Kalaya zone in the second half of 2011 can be included in the 2012 update. The June 2010 Resource update was released in November 2010.

Underground diamond drilling commenced in July 2011 and will initially focus on the Upper Kalaya Resource from the Ankata decline. Information from this drilling campaign will be included in the 2012 Resource update. The Malu exploration decline development is progressing well and delineation drilling of the Malu Resource beneath the pit is expected to commence in mid-2012. This will be available to inform future mining studies.

A summary of the 2011 Mineral Resources and Ore Reserves for Prominent Hill is included below.

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**Prominent Hill Copper Mineral Resource – June 2011** 

	Category	Tonnes (Mt)	Cu (%)	Au (g/t)	Ag (g/t)	Cu (kt)	Au (Moz)	Ag (Moz)
	Measured	21.1	1.67	0.5	4.0	353	0.4	2.7
Malu Open Pit <sup>1</sup>	Indicated	22.3	1.38	0.5	3.6	308	0.4	2.6
0.3% Cu cut-off	Inferred	0.7	0.91	0.2	2.2	7	0.0	0.1
	Total	44.1	1.51	0.5	3.8	668	0.7	5.3
	Measured	1.0	2.13	0.6	4.5	21	0.0	0.1
Malu Underground <sup>2</sup>	Indicated	49.5	1.28	0.6	3.0	633	0.9	4.8
0.5% Cu cut-off	Inferred	52.7	1.05	0.6	2.8	553	1.0	4.7
	Total	103.3	1.17	0.6	2.9	1,208	1.9	9.6
Kalaya Underground <sup>3</sup> 0.5% Cu cut-off	Measured	0.0	0.00	0.0	0.0	-	0.0	0.0
	Indicated	0.0	0.00	0.0	0.0	-	0.0	0.0
	Inferred	51.7	0.98	0.4	1.8	507	0.7	3.0
	Total	51.7	0.98	0.4	1.8	507	0.7	3.0
	Measured	0.0	0.00	0.0	0.0	-	0.0	0.0
Ankata Underground <sup>4</sup>	Indicated	6.7	2.25	0.5	3.3	151	0.1	0.7
0.5% Cu cut-off	Inferred	6.6	1.16	0.1	2.7	77	0.0	0.6
	Total	13.3	1.71	0.3	3.0	228	0.1	1.3
Surface Stocks	Measured	2.6	1.09	0.4	3.0	28	0.0	0.2
7.4.1	Measured	25	1.63	0.5	3.9	402	0.4	3.1
	Indicated	78.5	1.39	0.6	3.2	1,093	1.4	8.1
Total	Inferred	111.7	1.02	0.5	2.3	1,144	1.7	8.4
	Total	214.9	1.23	0.5	2.8	2,638	3.5	19.5

### **Prominent Hill Gold Mineral Resource June 2011**

	Category	Tonnes (Mt)	Cu (%)	Au (g/t)	Ag (g/t)	Cu (kt)	Au (Moz)	Ag (Moz)
	Measured	3.8	0.06	1.4	1.2	2	0.2	0.1
Malu Open Pit <sup>1</sup>	Indicated	6.7	0.06	1.2	1.1	4	0.3	0.2
0.5 g/t Au cut-off Below 0.3% Cu	Inferred	0.3	0.02	0.6	0.6	0	0.0	0.0
0.570 Cu	Total	10.8	0.06	1.2	1.2	6	0.4	0.4
	Measured	0.2	0.13	1.6	0.7	0	0.0	0.0
Malu Underground <sup>2</sup> 1.0 g/t Au cut-off Below 0.5% Cu	Indicated	12.2	0.07	1.8	1.0	9	0.7	0.4
	Inferred	10.6	0.08	1.4	1.0	8	0.5	0.3
	Total	23.1	0.07	1.6	1.0	17	1.2	0.7
3	Measured	0.0	0.00	0.0	0.0	0	0.0	0.0
Kalaya Underground <sup>3</sup>	Indicated	0.0	0.00	0.0	0.0	0	0.0	0.0
1.0 g/t Au cut-off Below 0.5% Cu	Inferred	16.9	0.04	1.7	0.6	8	0.9	0.3
0.5% Cu	Total	16.9	0.04	1.7	0.6	8	0.9	0.3
4	Measured	0.0	0.00	0.0	0.0	0	0.0	0.0
Ankata Underground <sup>4</sup>	Indicated	0.0	0.00	0.0	0.0	0	0.0	0.0
1.0 g/t Au cut-off Below 0.5% Cu	Inferred	0.0	0.00	0.0	0.0	0	0.0	0.0
0.570 Cu	Total	0.0	0.00	0.0	0.0	0	0.0	0.0
Surface Stocks	Measured	7.0	0.13	0.9	2.3	9	0.2	0.5
Total	Measured	11.0	0.10	1.1	1.9	11	0.4	0.7
	Indicated	18.9	0.07	1.6	1.1	13	1.0	0.6
	Inferred	27.8	0.06	1.6	0.7	16	1.4	0.7
	Total	57.8	0.07	1.5	1.1	40	2.8	2.0

- 1. Within Ore Reserves final pit design.
- 2. Outside of Ore Reserves final pit design and east of 55300mE.
- 3. Outside of Ore Reserves final pit design and west of 55300mE (excluding Ankata Resource).
- 4. Ankata Resource.

Malu Ore Reserves - June 2011

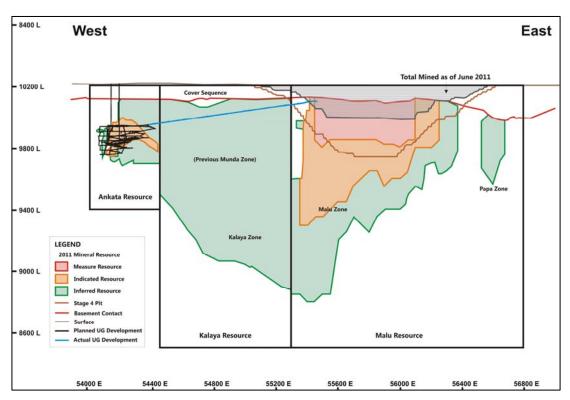
Classification	Tonnes	Cu	Cu	Au	Au	Ag	Ag		
(Mt) (%) (kt) (g/t) (koz) (g/t) (koz)  Copper Ores									
Proved	25.2	1.48	372	0.47	381	3.63	2,946		
Probable	23.1	1.33	306	0.49	364	3.44	2,558		
Gold Ores									
Proved	11.5	0.10	11	1.05	388	1.85	685		
Probable	7.6	0.06	4	1.11	271	1.10	268		
All Ores									
Proved	36.7	1.05	384	0.65	769	3.08	3,630		
Probable	30.7	1.01	311	0.64	635	2.87	2,826		
Total	67.4	1.03	694	0.65	1,404	2.98	6,456		

#### **Ankata Ore Reserves - June 2011**

Classification	Tonnes (Mt)	Cu (%)	Cu (kt)	Au (g/t)	Au (koz)	Ag (g/t)	Ag (koz)
Probable	4.9	2.52	124	0.48	76	3.64	576
Total	4.9	2.52	124	0.48	76	3.64	576

#### **Prominent Hill Ore Reserves - June 2011**

Classification	Tonnes (Mt)	Cu (%)	Cu (kt)	Au (g/t)	Au (koz)	Ag (g/t)	Ag (koz)
Proved	36.7	1.05	384	0.65	769	3.08	3,630
Probable	35.6	1.22	435	0.62	711	2.97	3402
Total	72.3	1.13	818	0.64	1480	3.03	7032



**Figure 1. Prominent Hill Mineralised Zones** 

#### **Competent Persons**

Information in this announcement which refers to Prominent Hill Mineral Resources is a summary of information relating to Mineral Resources set out in the Prominent Hill Mineral Resources and Ore Reserves Statement as at 30 June 2011. This information has been compiled by John Penhall and Bruce Whittaker who are both full time employees of OZ Minerals and members of Australasian Institute of Mining and Metallurgy (AusIMM). This information has been approved for release in the form and context in which it appears by Mr Jim Hodgkison who is a full time employee of OZ Minerals and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken 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.

Information in this announcement which refers to Prominent Hill Ore Reserves is a summary of information relating to Ore Reserves set out in the Prominent Hill Mineral Resources and Ore Reserves Statement as at 30 June 2011. This information has been approved for release in the form and context in which it appears by Mr Justin Taylor who is a full time employee of OZ Minerals and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken 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.