

Other Information

Mining Production and Sales, Transport and Water Statistics

For the year ended 31 December 2009

Production and sales volumes, realised prices and cash costs by mine	Production		Sales		Cash costs		Realised prices	
	2009 '000 tonnes	2008 '000 tonnes	2009 '000 tonnes	2008 '000 tonnes	2009 US cents	2008 US cents	2009 US cents	2008 US cents
Copper								
Los Pelambres	311.6	339.2	313.6	340.6	80.4	57.3	286.8	246.5
El Tesoro	90.2	90.8	89.8	90.9	123.4	144.7	246.3	315.6
Michilla	40.6	47.7	39.5	47.5	157.6	191.1	195.7	317.7
Group total	442.5	477.7	442.9	479.0				
Group weighted average (net of by-products)					96.3	87.3	270.6	266.7
Cash costs at Los Pelambres comprise								
On-site and shipping costs					95.3	99.5		
Tolling charges for concentrates					19.2	17.0		
Cash costs before deducting by-product credits					114.5	116.5		
By-product credits (principally molybdenum)					(34.1)	(59.2)		
Cash costs (net of by-product credits)					80.4	57.3		
LME average							234.2	315.3
Molybdenum								
Los Pelambres	7.8	7.8	7.7	7.7			11.3	23.9
Market average price							11.1	28.9
Quarterly information								
			Q1	Q2	Q3	Q4	2009 Year	2008 Year
Group Total								
Total copper production volume ('000 tonnes)			111.9	106.3	109.9	114.4	442.5	477.7
Total copper sales volume ('000 tonnes)			106.9	102.9	113.0	120.1	442.9	479.0
Total molybdenum production volume ('000 tonnes)			1.7	2.0	2.1	2.0	7.8	7.8
Total molybdenum sales volume ('000 tonnes)			1.7	1.9	2.2	1.9	7.7	7.7
Weighted average realised copper price (cents per pound)			207.3	246.5	294.5	324.9	270.6	266.7
Realised molybdenum price (dollars per pound)			7.8	11.1	15.8	9.7	11.3	23.9
Weighted average cash costs (cents per pound)								
– excluding by-product credits and tolling charges			99.5	104.5	105.0	117.7	106.8	117.2
– excluding by-product credits			112.1	120.0	118.3	130.4	120.3	129.3
– net of by-product credits			97.5	97.5	81.7	107.6	96.3	87.3

Quarterly information	Q1	Q2	Q3	Q4	2009 Year	2008 Year
Los Pelambres (60% owned)						
Daily average ore treated ('000 tonnes)	131.5	132.6	125.0	127.8	129.2	136.8
Average ore grade (%)	0.77	0.72	0.73	0.75	0.74	0.76
Average recovery (%)	93.2	91.9	91.1	92.1	92.1	92.1
Concentrate produced ('000 tonnes)	249.1	243.2	226.5	232.3	951.1	1,135.2
Average concentrate grade (%)	33.9	32.9	33.9	34.9	33.9	30.9
Fine copper in concentrate ('000 tonnes)	83.0	80.1	76.8	82.8	322.6	351.1
Payable copper in concentrate – production volume ('000 tonnes)	80.2	77.3	74.2	80.0	311.6	339.2
Payable copper in concentrate – sales volume ('000 tonnes)	75.6	72.8	83.3	81.9	313.6	340.6
Average moly ore grade (%)	0.019	0.020	0.022	0.021	0.020	0.019
Average moly recovery (%)	79.7	83.2	81.1	80.2	81.1	80.1
Payable moly in concentrate – production volume ('000 tonnes)	1.7	2.0	2.1	2.0	7.8	7.8
Payable moly in concentrate – sales volume ('000 tonnes)	1.7	1.9	2.2	1.9	7.7	7.7
Copper realised price (cents per pound)	217.1	261.2	311.2	349.2	286.8	246.5
On-site and shipment costs (cents per pound)	87.5	94.2	94.8	104.7	95.3	99.5
Tolling charges for concentrates (cents per pound)	17.6	21.4	19.7	18.3	19.2	17.0
Cash costs (before by-product) (cents per pound)	105.0	115.6	114.5	123.0	114.5	116.5
By-product credits (cents per pound)	(20.4)	(30.9)	(53.9)	(32.6)	(34.1)	(59.2)
Cash costs (cents per pound)	84.7	84.7	60.6	90.4	80.4	57.3
El Tesoro (70% owned; 100% until 25 August 2008)						
Daily average ore treated ('000 tonnes)	28.2	27.5	26.8	22.2	26.2	28.5
Average ore grade (%)	1.04	1.17	1.42	1.41	1.25	1.16
Average recovery (%)	74.4	70.7	71.6	75.7	73.0	74.7
Copper cathodes – production volume ('000 tonnes)	20.4	19.7	25.8	24.3	90.2	90.8
Copper cathodes – sales volume ('000 tonnes)	20.3	20.4	21.3	27.8	89.8	90.9
Copper realised price (cents per pound)	192.2	220.8	263.2	291.6	246.3	315.6
Cash costs (cents per pound)	124.2	121.3	113.4	134.9	123.4	144.7
Michilla (74.2% owned)						
Daily average ore treated ('000 tonnes)	14.7	14.8	15.6	15.4	15.1	15.5
Average ore grade (%)	1.09	0.88	0.95	0.93	0.96	1.06
Average recovery (%)	78.8	77.6	77.2	76.3	77.5	80.4
Copper cathodes – production volume ('000 tonnes)	11.4	9.3	9.9	10.1	40.6	47.7
Copper cathodes – sales volume ('000 tonnes)	11.0	9.7	8.4	10.4	39.5	47.5
Copper realised price (cents per pound)	168.2	190.8	205.2	222.0	195.7	317.7
Cash costs (cents per pound)	140.3	154.1	159.0	178.8	157.6	191.1
Transport (100% owned)						
Rail tonnage transported ('000 tonnes)	1,548	1,545	1,658	1,584	6,335	5,644
Road tonnage transported ('000 tonnes)	358	350	368	428	1,505	1,353
Water (100% owned)						
Water volume sold – potable and untreated ('000m ³)	11,187	10,870	10,679	11,000	43,736	42,674

Notes

- a) The production figures represent the total amounts produced for each mine, not the Group's attributable share for each mine.
- b) Los Pelambres produces copper and molybdenum concentrates, and the figures for Los Pelambres are expressed in terms of payable metal contained in concentrate. The copper concentrate also contains gold and silver, for which Los Pelambres is credited when the concentrate is sold. El Tesoro and Michilla produce copper cathodes with no by-products.
- c) Cash costs are a measure of the cost of operational production expressed in terms of cents per pound of payable copper produced. Cash costs are stated net of by-product credits and include tolling charges for concentrate for Los Pelambres. Cash costs exclude depreciation, financial income and expenses, hedging gains and losses, exchange gains and losses and corporation tax for all three operations. By-product calculations do not take into account unrealised mark-to-market gains for molybdenum at the beginning or end of each period.
- d) Water volumes include water transportation of 343,000m³ in Q1; 302,000m³ in Q2; 242,000m³ in Q3, 240,000m³ in Q4 and total for 2009 of 1,128,000m³ (353,000m³ in Q1 2008; 333,000m³ in Q2 2008; 327,000m³ in Q3 2008; 338,000m³ in Q4 and total for 2008 of 1,351,000m³).
- e) The totals in the table may include some small apparent differences as the specific individual figures have not been rounded.