

Mining Reserves and Resources

At 31 December 2006

	Tonnage millions of tonnes		Copper (%)		Molybdenum (%)		Gold (g/tonne)		Silver (g/tonne)	
	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005
Ore reserves										
Los Pelambres (60% owned) – cut off grade 0.4%										
Proved	1,030.9	831.0	0.67	0.68	0.019	0.019	0.034	0.034	1.16	1.20
Probable	633.9	655.9	0.62	0.64	0.016	0.016	0.032	0.032	0.82	0.93
Total Proved and Probable	1,664.8	1,486.9	0.65	0.66	0.018	0.018	0.033	0.033	1.03	1.08
Possible	459.8	525.2	0.58	0.59	0.014	0.014	0.032	0.033	0.51	0.57
Total	2,124.6	2,012.1	0.64	0.64	0.018	0.017	0.033	0.033	0.92	0.95
El Tesoro (100% owned; 61% until 24 August 2006) – cut off grade 0.41%										
Proved	106.8	113.5	0.74	0.79	–	–	–	–	–	–
Probable	9.9	9.6	0.73	0.74	–	–	–	–	–	–
Total Proved and Probable	116.7	123.1	0.74	0.79	–	–	–	–	–	–
Possible	0.3	0.2	0.83	0.83	–	–	–	–	–	–
Total	116.9	123.4	0.74	0.79	–	–	–	–	–	–
Michilla (74.2% owned) – cut off grade – see note (e)										
Proved	8.7	12.4	0.87	1.09	–	–	–	–	–	–
Probable	6.9	11.5	1.37	1.35	–	–	–	–	–	–
Total Proved and Probable	15.6	24.0	1.09	1.22	–	–	–	–	–	–
Possible	0.6	8.1	1.08	1.25	–	–	–	–	–	–
Total	16.2	32.1	1.09	1.23	–	–	–	–	–	–
Group Total Proved and Probable	1,797.1	1,634.0	0.66	0.68	–	–	–	–	–	–
Group Total Possible	460.7	533.5	0.58	0.60	–	–	–	–	–	–
Group Total	2,257.8	2,167.5	0.64	0.66	–	–	–	–	–	–
Ore resources (including reserves)										
Los Pelambres (60% owned) – cut off grade 0.4%										
Measured	1,150.2	1,019.1	0.66	0.67	0.018	0.019	0.030	0.034	1.12	1.15
Indicated	815.4	873.0	0.60	0.63	0.015	0.015	0.030	0.032	0.78	0.88
Inferred	973.2	1,184.0	0.57	0.58	0.014	0.014	0.030	0.033	0.46	0.46
Total	2,938.8	3,076.1	0.61	0.62	0.017	0.016	0.030	0.033	0.80	0.81
El Tesoro (100% owned; 61% until 24 August 2006) – cut off grade 0.41%										
Measured	135.3	149.2	0.72	0.74	–	–	–	–	–	–
Indicated	28.7	29.0	0.69	0.64	–	–	–	–	–	–
Inferred	1.5	1.5	0.52	0.59	–	–	–	–	–	–
Total	165.5	179.7	0.72	0.73	–	–	–	–	–	–
Michilla (74.2% owned) – cut off grade – see note (e)										
Measured	15.4	15.4	1.45	1.74	–	–	–	–	–	–
Indicated	32.3	31.9	1.37	1.59	–	–	–	–	–	–
Inferred	17.9	20.5	1.22	1.45	–	–	–	–	–	–
Total	65.6	67.8	1.35	1.58	–	–	–	–	–	–
Group total	3,169.9	3,323.6	0.63	0.65	–	–	–	–	–	–

Notes to Mining Reserves and Resources

- a) The reserves and resources figures represent full reserves and resources, not the Group's attributable share for each mine.
- b) Ore resources refer to material of intrinsic economic interest occurring in such form and quantity that there are reasonable prospects for eventual economic extraction. Ore reserves refer to that part of a resource for which appropriate assessments have been carried out to demonstrate at a given date that extraction could be reasonably justified and which include consideration of and modification by realistically assumed mining, metallurgical, economic, marketing, legal, environmental, social and governmental factors. Resources are stated inclusive of reserves.
- c) The reserves and resources disclosed in the table above relate only to the Group's current operations. The Group also owns or is interested in a number of other properties which have been the subject of exploration programmes. These include:
- the Esperanza deposit for which a feasibility study is expected to be completed during 2007. The current drill-inferred sulphide resource at Esperanza is 786 million tonnes of ore, with an average copper grade of 0.53%, an average gold grade of 0.20 g/tonne and an average molybdenum grade of 0.012%, based on a cut-off grade for copper of 0.30%. The resource also contains 72 million tonnes of oxide ore with an average copper grade of 0.43% at the same cut-off grade (this is included within the Sierra Gorda resource figure provided in point (iv) below).
 - the Reko Diq deposit, for which an updated resources estimate is expected to be completed by the end of 2007. The current estimate is 2.4 billion tonnes of ore, with an average copper grade of 0.51% and an average gold grade of 0.27 g/tonne.
 - the Antucoya – Buey Muerto deposit, for which the current estimate is 460 million tonnes of ore, with an average copper grade of 0.41%.
 - various mining properties in the Sierra Gorda region with a combined estimated resource of 385 million tonnes of ore, with an average copper grade of 0.53% (this includes the 72 million tonnes of oxide ore at the Esperanza deposit referred to in point (i) above).
- d) The main changes in the ore resources are as follows:
- the decrease in the total Los Pelambres resources of 137 million tonnes is due to the extraction of ore during 2006 (55 million tonnes) and the updating of the geological model to incorporate the results of recent drilling (83 million tonnes).
 - the decrease in the total El Tesoro resources of 14 million tonnes is due to the extraction of ore during 2006 (10 million tonnes) and the updating of the mine plan.
 - the decrease in the total Michilla resources of 2 million tonnes is due to the extraction of ore during 2006 (6 million tonnes) offset by changes to the open pit resources model.
- e) The operations at Michilla comprise an open pit mine, an underground mine and other workings. A cut-off grade of 0.4% was applied to the open pit mine (2005 – 0.5%), a cut-off grade of 1.2% to the underground mine (2005 – 1.5%) and a cut-off grade of 1.5% to other workings to arrive at the reserve and resource calculations.
- f) The totals in the table may include some small apparent differences as the specific individual figures have not been rounded.