

2005 Group and Commodity Business Sustainability Data Summary Sheet

UOM	Alloys		Coal		Copper		Zinc		Total Xstrata#		
	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005	
Economic											
Turnover*^	US\$ million	953.0*	1115.5	2,693.4	3400.4	1,598.3	2007.8	1,165.3	1448.9	6462.4	8049.8
EBIT *^	US\$ million	171.2	317.1	667.8	1079.3	644.3	919.5	79.1	238.7	1497.8	2519.5
Employee salaries and benefits	US\$ million	-	-	-	-	-	-	-	-	662.3	877.6
Royalties and taxes	US\$ million	-	-	-	-	-	-	-	-	332.1	610.8
Dividends per share	US¢	-	-	-	-	-	-	-	-	24.0	34.0
										#Includes other businesses, corporate and unallocated	
* Includes share of Pooling and Sharing Venture ^ Excludes discontinued operations											
Environment											
Sites with ISO 14001 certification	number of	4	5	2	4	0	1	3	3	9	13
Water Use											
Raw water used	ML	6,203	8,045	23,520	23,338	37,525	32,300	7,666	11,580	74,914	75,262
Recycled water	ML	7,139	7,297	21,402	17,576	54,828	59,128	9,572	14,875	92,941	98,875
Water discharged	ML	0	0	7,004	3,854	598	597	33,191	2,807	40,793	7,258
Disturbance and Rehabilitation											
Land disturbed during reporting year	ha	147	252	1,591	1,820	337	7	287	62	2,362	2,142
Total land disturbed	ha	1,860	3,141	24,388	26,278	7,129	4,910	846	2,876	34,223	37,205
Land rehabilitated during reporting year	ha	6	49	633	1,005	5	18	15	51	659	1,122
Total land rehabilitated	ha	125	100	6,543	7,051	339	35	411	268	7,418	7,454
Biodiversity rich areas owned, leased or managed	ha	15	15	391	385	-	-	28	28	434	428
Energy Use											
Source of energy:											
Electricity	Gj	17,986,623	15,457,327	3,604,325	3,781,407	7,151,124	5,639,159	10,095,034	11,217,864	38,837,106	36,095,758
Diesel	Gj	488,571	753,383	7,121,508	7,594,229	4,438,253	4,642,430	288,538	909,588	12,336,870	13,899,629
Coal	Gj	3,671,845	4,189,836	-	-	-	-	-	-	3,671,845	4,189,836
Natural Gas	Gj	-	-	-	-	1,004,824	1,170,002	500,503	402,771	1,505,327	1,572,773
Coke	Gj	-	-	-	-	824,742	269,999	339,354	929,890	1,164,096	1,199,889
Fuel oil	Gj	207,472	130,369	41,776	32,896	116,702	11,106	132,129	107,705	498,079	282,076
LPG (non transport)	Gj	17,346	95,436	16,681	8,905	50,220	31,232	14,110	12,707	98,357	148,280
Naptha	Gj	-	-	-	-	68,028	40,633	-	-	68,028	40,633
Polyfuel	Gj	29,083	62,137	-	-	-	-	-	-	29,083	62,137
Petrol	Gj	1,838	2,106	2,616	1,841	4,158	2,661	828	2,003	9,440	8,611
Wood	Gj	-	-	-	-	26,097	60,847	-	-	26,097	60,847
Total Energy Use		22,402,778	20,690,594	10,786,906	11,419,278	13,684,148	11,868,070	11,370,496	13,582,528	58,244,328	57,560,469
Greenhouse gases (GHG's) from electricity	CO2-e Mt	4.45	3.82	1.02	1.07	0.97	0.73	1.03	1.33	7.47	6.95
GHG's from fossil fuels	CO2-e Mt	0.41	0.48	0.50	0.54	0.48	0.45	0.11	0.22	1.50	1.68
GHG's from coal seam methane	CO2-e Mt	0.00	0.00	4.64	3.93	0.00	0.00	0.00	0.00	4.64	3.93
GHG's from reductants	CO2-e Mt	2.58	1.97	0.00	0.00	0.00	0.00	0.00	0.00	2.58	1.97
GHG's - other sources	CO2-e Mt	0.001	0.002	0.018	0.024	0.011	0.038	0.000	0.001	0.030	0.065
Total GHG's		7.43	6.27	6.19	5.55	1.46	1.21	1.13	1.55	16.2	14.6
Sulphur dioxide (stack emissions)	tonnes	8,037	11,746	0	0	219,044	105,888	2,210	120,930	229,291	238,564
Nitrogen oxide (stack emissions)	tonnes	1,228	726	0	0	185	333	64	52	1,477	1,112
Discharges to water											
Cadmium	kilograms	0	0	0	0	0	0	350	305	350	305
Mercury	kilograms	0	0	0	0	0	0	80	33	80	33
Lead	kilograms	0	0	0	0	991	57	176	158	1,167	215
Zinc	kilograms	0	0	0	0	5,926	497	71,777	2,994	77,703	3,491
Fluorine	kilograms	0	0	0	0	0	0	6,545	3,689	6,545	3,689
Ammonia	kilograms	0	0	0	0	54	313	4,244	4,511	4,298	4,824
Arsenic	kilograms	0	0	0	0	22	61	0	9	22	70
Copper	kilograms	0	0	0	0	1,866	307	0	0.4	1,866	307
Significant (Xstrata Incident Category 3) hydrocarbon / chemical spills											
Compliance		0	0	0	0	0	0	0	0	0	0
Environmental incidents:											
Category 1 - Negligible	number of	28	25	341	180	142	157	69	79	580	441
Category 2 - Minor	number of	18	26	58	44	107	50	27	38	210	158
Category 3 - Significant	number of	3	1	2	0	24	13	6	6	35	20
Category 4 - Serious	number of	0	0	0	0	0	0	0	0	0	0
Category 5 - Critical	number of	0	0	0	0	0	0	0	0	0	0
Total Incidents		49	52	401	224	273	220	102	123	825	619
Environmental Fines	number of	0	0	1	0	0	0	0	0	1	0
Environmental Fines	AUD	0	0	1,500*	0	0	0	0	0	1,500*	0
* Fine related to non-capture of a blast at an Australian coal operation											
Environmental Prosecutions	number of	0	0	0	0	0	0	0	0	0	0
Health and Safety											
Fatalities	number of	3	5	3	2	0	1	0	1	6	9
Total Recordable Injury Frequency Rate	number per million hours worked	16.8	11.5	16.4	16.4	24.1	12.9	25.6	24.5	18.5	15.0
Lost Time Injury Frequency Rate	number per million hours worked	5.4	4.3	4.9	3.9	3.0	2.5	13.5	10.1	5.3	4.3
Disabling Injury Severity Rate	days lost per million hours worked	252	275	766	771	249	243	2162	1337	613	575
Occupational diseases	number of	17	21	10	16	9	0	0	0	36	37
Safety fines	number of	0	0	0	0	0	-	0	0	0	0
Safety fines	US\$	0	0	0	0	0	-	0	0	0	0
Safety prosecutions	number of	0	0	0	0	0	-	0	0	0	0
Social											
CSI expenditure											
Social/community/rural development	US\$ 000	741	3,658	199	2,666	336	2,046	233	711	1,508	9,584
Enterprise and job creation	US\$ 000	819	1,214	425	1,526	308	361	4,261	2,848	5,813	5,949
Education	US\$ 000	760	770	437	3,460	89	856	101	129	1,387	5,336
Health	US\$ 000	337	29	357	351	261	1,760	6	-	961	2,140
Environment	US\$ 000	10	-	267	322	2	180	429	508	708	1,011
Culture and Art	US\$ 000	-	79	13	429	39	163	-	-	51	671
Total CSI Expenditure	US\$ 000	2,667	5,749	1,698	8,754	1,035	5,367	5,029	4,196	10,428	24,690*
*Total includes US\$33,000 from Technology and US\$589,500 from Corporate											
Complaints & Enquiries											
General noise	number of	3	0	172	120	4	7	0	0	179	127
Fume	number of	0	0	2	4	112	57	0	34	114	95
General dust	number of	51	51	39	40	3	53	0	0	93	144
Blasting vibration	number of	8	1	37	18	4	0	0	0	49	19
Blasting dust	number of	0	0	21	12	0	0	0	0	21	12
Other complaints	number of	4	5	5	18	4	54	0	1	13	78
Traffic amenity	number of	0	1	10	7	0	0	0	0	10	8
Water related	number of	3	2	6	4	0	37	0	0	9	43
Access to property	number of	0	0	2	8	0	53	0	0	2	61
Total complaints and enquiries received	number of	69	60	294	231	127	261	0	35	490	587
Material Use											

Electricity	MWh	4,996,284	4,293,702	1,001,201	1,050,391	1,986,423	1,566,433	2,804,176	3,116,073	10,788,084	10,026,599
Reductants	tonnes	914,259	703,015	-	-	-	-	-	-	914,259	703,015
Lubricating oil	kilolitres	9,852	8,712	4,876	4,269	3,571	4,657	271	3,542	18,570	21,180
Magnetite	tonnes	-	-	66,593	72,699	-	-	-	-	66,593	72,699
Diesel	kilolitres	12,657	19,518	184,326	196,742	114,981	120,270	7,475	23,564	319,439	360,094
Explosives	tonnes	4,875	9,691	131,023	139,610	50,942	58,674	759	8,562	187,599	216,537
Silica	tonnes	-	-	-	-	51,225	50,000	-	-	51,225	50,000
Limestone	tonnes	-	-	-	-	35,373	36,000	426	2,263	35,799	38,263
Heavy tyres	number of	2,395	1,868	738	684	2,834	1,613	125	1,356	6,092	5,521
Light tyres	number of	402	598	480	979	1,055	1,129	610	294	2,547	3,000