

URS Corporate Sustainable Solutions independently assessed BHP Billiton’s Health Safety Environment and Community Report 2002 against the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines 2002. This GRI Content Index represents our assessment of where each requirement of Part C of these Guidelines is addressed in the Report. Further information on the Guidelines can be found at [www.globalreporting.com](http://www.globalreporting.com).

GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>VISION &amp; STRATEGY</b>		
1.1 Sustainable development vision and strategy	Message from the Chief Executive BHP Billiton Charter HSEC Policy HSEC Targets and Scorecard Executive Summary Part of the Global Community Community – Performance Summary Environment – Case Studies – Ok Tedi sustainable development program Community – Case Studies Throughout the Report	1 2 3 4 5 11 23 & 24 32 42 – 44 Throughout
1.2 CEO statement	Message from the Chief Executive	1
<b>PROFILE</b>		
2.1 Name of reporting organisation	BHP Billiton Profile	6
2.2 Major products and services	BHP Billiton Profile Our Resources at Work	6 59 & 60
2.3 Operational structure	BHP Billiton Profile	6 & 7
2.4 Description of Customer Groups	BHP Billiton Profile	6 & 7
2.5 Location of BHP Billiton’s operations	BHP Billiton Profile BHP Billiton Locations	7 61 & 62
2.6 Nature of ownership	BHP Billiton Profile BHP Billiton Locations	7 61 & 62
2.7 Nature of markets served	BHP Billiton Profile	7
2.8 Scale of reporting organisation	BHP Billiton Profile BHP Billiton Plc Annual Report	7 Throughout
2.9 List of BHP Billiton stakeholders	Part of the Global Community Community – Performance Summary	11 23 & 24
2.10 Contact person(s) for the report	Directory Feedback Form	Inside back cover Enclosed
2.11 Reporting period	About this Report HSEC Targets and Scorecard	Inside front cover 4
2.12 Date of previous report	About this Report	Inside front cover
2.13 Boundaries of the report	About this Report BHP Billiton Profile	Inside front cover 6 & 7
2.14 Changes in size and ownership since previous report	About this Report Message from the Chief Executive BHP Billiton Profile	Inside front cover 1 6
2.15 Basis for reporting on joint ventures	About this Report	Inside front cover
2.16 Explanation of any re-statements of information in previous reports	Throughout the Report	Throughout
2.17 Decisions not to apply GRI principles	Not applicable as all GRI principles have been applied throughout the Report	Not applicable
2.18 Criteria/definitions used	Throughout the Report	Throughout
2.19 Significant changes in methods	HSEC Performance Summary	14 – 24

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GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>PROFILE continued</b>		
2.20 Policies and practices on accuracy, completeness and reliability	HSEC Governance: – Policy, Standards and Systems – HSEC Management Standards – Auditing Auditor’s Verification Statement	8 9 10 48
2.21 Policy for independent assurance	Auditor’s Verification Statement	48
2.22 Obtaining additional information	About this Report Directory Feedback Form	Inside front cover Inside back cover Enclosed
<b>GOVERNANCE STRUCTURE AND MANAGEMENT SYSTEMS</b>		
3.1 Governance structure of BHP Billiton	HSEC Governance – Structure and responsibilities BHP Billiton HSE Committee	8 12 & 13
3.2 Independent, non-executive Directors	HSEC Governance – Structure and responsibilities BHP Billiton HSE Committee BHP Billiton Plc Annual Report	8 12 & 13 32 – 34 & 39
3.3 Process for determining the expertise of Board members	HSEC Governance – Structure and responsibilities BHP Billiton HSE Committee	8 12 & 13
3.4 Process for identification and management of risks	HSEC Governance: – Structure and responsibilities – Policy, Standards and Systems – Hierarchy of systems and documents – Auditing Audit and Self-assessment – Summary	8 8 10 10 25
3.5 Executive compensation and achievement of Company goals	HSEC Governance – Structure and responsibilities	8
3.6 Organisational structure and key individuals for implementation and audit	HSEC Governance – Structure and responsibilities	8
3.7 Mission and values statements, internally developed Codes	BHP Billiton Charter HSEC Policy HSEC Governance: – Policy, Standards and Systems – HSEC Management Standards – Hierarchy of systems and documents	2 3 8 9 10
3.8 Mechanisms for shareholders to provide recommendations	About this Report Directory Feedback Form	Inside front cover Inside back cover Enclosed
3.9 Identification and selection of major stakeholders	Part of the Global Community Community – Performance Summary Community – Case Studies	11 23 & 24 39 – 44
3.10 Stakeholder consultation	Part of the Global Community – Indigenous relations Community – Performance Summary Community – Case Studies	11 23 & 24 39 – 44
3.11 Information from stakeholder consultation & its use	Part of the Global Community Community – Performance Summary	11 23 & 24
3.12	Community – Case Studies	39 – 44
3.13 The precautionary principle	HSEC Governance: – Structure and responsibilities – Policy, Standards and Systems – Hierarchy of systems and documents – Auditing Audit and Self-assessment – Summary	8 8 10 10 25

GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>GOVERNANCE STRUCTURE AND MANAGEMENT SYSTEMS continued</b>		
3.14	Voluntary charters or other initiatives	Part of the Global Community 11
3.15	Industry and business associations memberships	Part of the Global Community 11
3.16	Polices and systems for managing upstream and downstream impacts	HSEC Targets and Scorecard – Product Stewardship – Life-cycle assessment target 4 HSEC Governance – HSEC Management Standards – 10. Suppliers and Contractors and 13. Product Stewardship 9 Environment – Performance Summary – Product Stewardship 20 Environment – Case Studies – Pilot project to assess environmental impacts of our nickel, chrome and lead products throughout their life cycles 34
3.17	Approach to managing indirect impacts	HSEC Targets and Scorecard – Product Stewardship – Life-cycle assessment target 4 HSEC Governance – HSEC Management Standards – 10. Suppliers and Contractors and 13. Product Stewardship 9 Environment – Performance Summary – Product Stewardship 20 Environment – Case Studies – Pilot project to assess environmental impacts of our nickel, chrome and lead products throughout their life cycles 34 Throughout the Report Throughout
3.18	Major decisions on operational changes	Message from the Chief Executive 1 Executive Summary 5 BHP Billiton Profile 6 & 7 BHP Billiton Locations 61 & 62
3.19	Programs and procedures	HSEC Targets and Scorecard 4 HSEC Governance 8 – 10 HSEC Performance Summary 14 – 24 Audit and Self-assessment – Summary 25
3.20	Certification pertaining to management systems	Executive Summary 5 HSEC Governance – Policy, Standards and Systems 8 Environment – Performance Summary 17 Community – Performance Summary – Social performance 23
<b>ECONOMIC PERFORMANCE INDICATORS</b>		
EC1	Net sales	BHP Billiton Plc Annual Report 6
EC2	Geographic breakdown of markets	BHP Billiton Profile 7
EC3	Costs of all materials purchased	# #
EC4	Percent of contracts paid by agreed terms	# #
EC5	Total payroll and benefits	Community – Performance Summary – Employees – Labour standards – Remuneration and working hours 23 BHP Billiton Plc Annual Report 100
EC6	Distributions to providers of capital	BHP Billiton Profile – Figure 1 6
EC7	Change in retained earnings	BHP Billiton Profile – Figure 1 6 BHP Billiton Plc Annual Report – Financial Review From page 63
EC8	Total sum of taxes	BHP Billiton Profile – Figure 1 6 Community – Performance Summary – Taxes and royalties 24
EC9	Subsidies received	# #
EC10	Community donations	Community – Performance Summary – Community contributions 24

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GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>ENVIRONMENTAL PERFORMANCE INDICATORS</b>		
EN1 Total materials use (excluding water)	Environment – Performance Summary: – Figure 13 for energy consumption – Resource use – Energy – Figures 15, 16 & 17 – 20 Appendix B – Total energy use by type # – For other materials use	17 18 & 19 46 #
EN2 Percentage of waste materials used	# – Insignificant, with the exception of water	#
EN3 Direct and indirect energy use & EN4	Environment – Performance Summary: – Figure 13 – Resource use – Energy – Figures 15, 16 & 17 – 20 Appendix B – Total energy use by type	17 18 & 19 46
EN5 Total water use	Environment – Performance Summary: – Figure 13 for fresh water and recycled water use – Resource use – Water – Figures 21 & 22 Appendix B – Water consumption	17 19 46
EN6 Biodiversity-rich habitats	Environment – Performance Summary: – Figure 13 for newly distributed land, land rehabilitated and land requiring rehabilitation – Resource use – Land & Biodiversity – Figure 14 Environment – Case Studies – Rehabilitation of the Chemfos mine site in South Africa Appendix B – Land – Rehabilitation and disturbance	17 18 33 45
EN7 Impacts on biodiversity	Environment – Performance Summary – Resource use – Land & Biodiversity Appendix B – Land – Rehabilitation and disturbance	18 45
EN8 Greenhouse gas emissions	Environment – Performance Summary: – Figure 13 for greenhouse gas emissions – Emissions – Greenhouse gas emissions – Figures 23 & 24 Appendix B – Greenhouse gas emissions	17 20 46
EN9 Ozone-depleting substances	# – Not relevant as ozone-depleting substances largely removed from operations	#
EN10 NOx, SOx and other air emissions	Environment – Performance Summary: – Figure 13 for oxides of sulphur, oxides of nitrogen, and fluoride – Emissions – Oxides of sulphur and nitrogen – Figures 29 & 30 – Emissions – Fluoride – Figure 31 Appendix B – Other gaseous emissions	17 21 22 46
EN11 Total amount of waste	Environment – Performance Summary: – Figure 13 for hazardous waste and general waste – Emissions – Waste – Figure 32 Appendix B – Waste	17 22 47
EN12 Significant discharges to water	Appendix B – Accidental discharges of hydrocarbons – Discharged to water	45
EN13 Significant spills	Environment – Performance Summary – Environmental incidents and fines Appendix A – Fines 2001/02 – Fines and prosecutions – Environment Appendix B – Accidental discharges of hydrocarbons Environment – Case Studies – Accidental discharge of waste process water from Port Kembla Steelworks	18 45 45 38
EN14 Environmental impacts of products and services	HSEC Targets and Scorecard – Product Stewardship – Life-cycle assessment target HSEC Governance – HSEC Management Standard 13. Product Stewardship Environment – Performance Summary – Product Stewardship Environment – Case Studies – Pilot projects to assess environmental impacts of our nickel, chrome and lead products throughout their life cycles	4 9 20 34
EN15 Reclaimable product after useful life	# (Note: metals are infinitely recyclable)	#

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GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>ENVIRONMENTAL PERFORMANCE INDICATORS continued</b>		
EN16 Incidents and fines	Environment – Performance Summary – Environmental incidents and fines	18
	Appendix A – Fines 2001/02 – Fines and prosecutions – Environment	45
	Appendix B – Accidental discharges of hydrocarbons	45
<b>Additional Environmental Performance Indicators Reported</b>		
EN22 Total recycling and reuse of water	Environment – Performance Summary: – Figure 13 for recycled water use	17
	– Resource use – Water – Figure 22	19
EN31 Hazardous waste generated (under Basel Convention definitions)	Environment – Performance Summary: – Figure 13 for hazardous waste	17
	– Emissions – Waste – Figure 32	22
EN35 Environmental expenditure	Environment – Performance Summary – Spending on the environment	17 & 18
<b>SOCIAL PERFORMANCE INDICATORS – Labour Practices and Decent Work</b>		
LA1 Workforce breakdown	BHP Billiton Profile – Figure 2 Financial Data by Geographic Region	7
	Community – Performance Summary – Employees – Demographics	23
LA2 Net employment creation	BHP Billiton Profile – Figure 2 Financial Data by Geographic Region	7
	Community – Performance Summary – Employees – Demographics	23
LA3 Employees represented by trade union organisations	Community – Performance Summary – Employees – Labour standards	23
LA4 Policy and procedure relating to consultation with employees	Community – Performance Summary – Employees – Labour standards	23
LA5 Notification of occupational accidents and diseases	HSEC Targets and Scorecard – Health and Safety – Injury frequency rate target	4
	HSEC Governance – HSEC Management Standard 20. Health and Occupational Hygiene	9
	Health & Safety – Performance Summary: – Safety performance	15
	– Health performance	16
	Health & Safety – Case Studies	27 – 31
LA6 Joint health and safety committees	HSEC Governance – Structure and responsibilities	8
	BHP Billiton HSE Committee	12 & 13
LA7 Injury, lost day and absentee rates	Health & Safety – Performance Summary: – Safety performance – Figures 10 & 11	15
	– Health performance	16
LA8 Policies and programs	Health & Safety – Performance Summary – Health performance	16
	Case Study – HIV/AIDS in South Africa and Mozambique	30
LA9 Average hours of training per year	#	#
LA10 Equal opportunity policies and programs	Community – Performance Summary – Employees – Gender	23 & 24
	Community – Case Studies – Employment equity initiatives aim to create a sustainable equal opportunity environment at all our operations in South Africa	43
LA11 Composition of senior management and corporate governance bodies	Community – Performance Summary – Employees – Gender	23 & 24
	BHP Billiton HSE Committee	12 & 13

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GRI Element	BHP Billiton HSEC Report Section or Indicator	Page Numbers
<b>SOCIAL PERFORMANCE INDICATORS – Human Rights</b>		
HR1 Policies and guidelines dealing with human rights	Community – Performance Summary: – Social performance – Employees Community – Case Studies	23 23 & 24 39 – 44
HR2 Consideration of human rights impacts as part of investment decisions	HSEC Policy HSEC Management Standards 10 & 11	3 9
HR3 Policies and procedures to evaluate human rights	HSEC Policy HSEC Management Standards 10 & 11 Community – Performance Summary Community – Case Studies	3 9 23 & 24 39 – 44
HR4 Global policy preventing discrimination	HSEC Governance – Business conduct Community – Performance Summary	10 23 & 24
HR5 Freedom of association policies	HSEC Governance – Business conduct Community – Performance Summary – Employees – Labour standards	10 23
HR6 Policy excluding child labour (ILO Convention 138)	HSEC Policy Community – Performance Summary – Employees – Labour standards – Child labour	3 23
HR7 Policy to prevent forced and compulsory labour	HSEC Governance – Business conduct Community – Performance Summary – Employees – Labour standards	10 23
<b>Additional Social Performance Indicators (Human Rights) Reported</b>		
HR12 Policies and guidelines for needs of indigenous people	Part of the Global Community – Indigenous relations Community – Performance Summary – Indigenous and local employment Community – Case Studies – ‘Investment in Aboriginal Relationships’ program delivers benefits in the Pilbara	11 23 40
HR14 Share of operating revenues redistributed to local communities	Community – Performance Summary – Community contributions	24
<b>SOCIAL PERFORMANCE INDICATORS – Society</b>		
SO1 Policies to manage impacts on communities	HSEC Policy Part of the Global Community Community – Performance Summary Community – Case Studies	3 11 24 39 – 44
SO2 Policies to address bribery and corruption	HSEC Governance – Business conduct	10
SO3 Policies to address political lobbying and contributions	HSEC Governance – Business conduct	10
<b>SOCIAL PERFORMANCE INDICATORS – Product Responsibility</b>		
PR1 Policy for preserving customer health and safety	Health & Safety – Performance Summary – Health performance	16
PR2 Policy relating to product information and labelling	#	#
PR3 Policy relating to consumer privacy	#	#

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