RAISING

THE BAR

2021

ESG **REFERENCES**

B2GOLD

B2GOLD ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REFERENCES

TABLE 1 | ESG Policies and Management Systems

Category	Policy or Management System	Updated	Reference Location
Governance	Advance Notice Policy	February 23, 2021	www.b2gold.com
	Anti-Corruption Policy	February 23, 2021	www.b2gold.com
	Audit Committee Charter (Board of Directors)	February 23, 2021	www.b2gold.com
	Board Charter	February 23, 2021	www.b2gold.com
	Code of Business Conduct and Ethics	February 23, 2021	www.b2gold.com
	Compensation Committee Charter (Board of Directors)	February 23, 2021	www.b2gold.com
	Corporate Governance and Nominating Committee Charter (Board of Directors)	February 23, 2021	www.b2gold.com
	Disclosure, Confidentiality and Insider Trading Policy	February 23, 2021	www.b2gold.com
	Health, Safety, Environmental, Social and Security Committee Charter (Board of Directors)	February 23, 2021	www.b2gold.com
	Majority Voting Policy	February 23, 2021	www.b2gold.com
	Whistleblower Policy	February 23, 2021	www.b2gold.com
Environmental	Environmental and Biodiversity Policy	January 1, 2022	www.b2gold.com
	Environmental and Biodiversity Performance Standards	May 24, 2018	Internal
	HSE Management System Standards	May 24, 2018	Internal
Social	Crisis and Emergency Management Guideline	October 4, 2018	Internal
	Diversity Policy (Board and Management)	November 2, 2021	www.b2gold.com
	Golden Lifesaving Commitments	July 2, 2021	Internal
	Grievance Procedure	February 23, 2021	Internal
	HSE Management System Standards	May 24, 2018	Internal
	Non-Discrimination and Harassment Policy	February 23, 2021	Internal
	Occupational Health and Safety Policy	March 12, 2018	www.b2gold.com
	OHS Performance Standards	June 19, 2018	Internal
	People Management Policy	November 2, 2021	www.b2gold.com
	Policy on Equitable, Diverse and Inclusive Workplaces	November 2, 2021	www.b2gold.com
	Social Performance Standards	March 18, 2021	Internal
	Social Responsibility and Human Rights Policy	November 21, 2020	www.b2gold.com
	Supplier Code of Conduct	November 13, 2018	www.b2gold.com

REPORTING FRAMEWORK INDICES

TABLE 2 | GRI General Disclosures

Category	Disclosure	GRI Indicator	Location Reference
	Name of the organization	102-1	Overview: About this Report
	Activities, brands, products, and services Location of headquarters Location of operations Ownership and legal form Markets served	102-2 102-3 102-4 102-5 102-6	Overview: About Us
	Scale of the organization	102-7	Overview: About Us Our Economic Contribution: Sustainable Economic Growth Our People: Approach to People Management
Organizational Profile	Information on employees and other workers	102-8	Our People: Data Tables
	Supply chain	102-9	Our Economic Contribution: Supply Chain and Local Procurement
	Significant changes to the organization and its supply chain	102-10	Overview: About this Report Our Economic Contribution
	Precautionary Principle or approach	102-11	Our Approach to Responsible Mining
	External initiatives Membership of associations	102-12 102-13	Our Approach to Responsible Mining: Commitment to Standards and Initiatives
Strategy	Statement from senior decision-maker	102-14	Message from the CEO
Ethics and Integrity	Values, principles, standards, and norms of behaviour	102-16	Our Approach to Responsible Mining
	Mechanisms for advice and concerns about ethics	102-17	Governance: Business Ethics and Governance Principles

Category	Disclosure	GRI Indicator	Location Reference
Governance	Governance structure	102-18	Governance: Corporate Governance
	Delegating authority	102-19	Governance: Business Ethics and Governance Principles
	Executive-level responsibility for economic, environmental, and social topics Consulting stakeholders on economic, environmental, and social topics Composition of the highest governance body and its committees	102-20 102-21 102-22	Governance: Corporate Governance
	Chair of the highest governance body	102-23	Governance: Corporate Governance
	Nominating and selecting the highest governance body	102-24	Governance: Corporate Governance
	Effectiveness of risk management processes	102-30	Governance: Risk Management
	Review of economic, environmental, and social topics Highest governance body's role in sustainability reporting	102-31 102-32	Governance: Corporate Governance
Stakeholder Engagement	List of stakeholder groups	102-40	Our Approach to Responsible Mining: Our Stakeholders
	Collective bargaining agreements	102-41	Our People: Freedom of Association
	Identifying and selecting stakeholders Approach to stakeholder engagement Key topics and concerns raised	102-42 102-43 102-44	Our Approach to Responsible Mining: Our Stakeholders Our Approach to Responsible Mining: Material Topics
Reporting Practice	Entities included in the consolidated financial statements	102-45	Overview: About this Report
	Defining report content and topic boundaries	102-46	Overview: About this Report Our Approach to Responsible Mining: Material Topics
	List of material topics	102-47	Our Approach to Responsible Mining: Material Topics
	Restatements of information	102-48	Overview: About this Report
	Changes in reporting	102-49	Overview: About this Report Our Approach to Responsible Mining: Material Topics
	Reporting period Date of most recent report Reporting cycle	102-50 102-51 102-52	Overview: About this Report
	Contact point for questions regarding the Report	102-53	Main Contact for Enquiries
	Claims of reporting in accordance with the GRI Standards	102-54	Overview: About this Report
	GRI content index	102-55	GRI Index
	External assurance	102-56	Overview: About this Report

TABLE 3 | GRI Topic-specific Disclosures

Category	Disclosure	GRI Indicator	Location Reference
Economic	Management Approach	103-1, 2, 3	Our Approach to Responsible Mining Our Economic Contribution
	Economic Performance	201-1	Our Economic Contribution: Economic Value Generated and Distributed
	Market Presence	202-2	Our People: Data Tables
	Procurement Practices	204-1	Our Economic Contribution: Supply Chain and Local Procurement
	Anti-corruption	205-2	Governance: Business Ethics and Governance Principles
Environmental	Management Approach	103-1, 2, 3	Our Approach to Responsible Mining Our Environment
	Energy	302-1	Environment Data Tables
	Water and Effluents	303-1, 2, 3,4,5	Our Environment: Water Management Environment Data Tables
	Biodiversity	304-1, 4 MM1	Our Environment: Biodiversity Planning for Mine Closure
	Emissions	305-1	Our Environment: Energy and Climate Change Environment Data Tables
	Waste	306-1, 2, 3 MM3	Our Environment: Tailings and Waste Environment Data Tables
	Environmental Compliance	307-1	Our Environment: Compliance and Environmental Incidents
Social: Labour and Decent work	Management Approach	103-1, 2, 3	Our Approach to Responsible Mining Our People
	Employment	401-1	Our People: Data Tables
	Labour/Management Relations	402-1 MM4	Our People: Retaining Talent *B2Gold did not experience any strikes or lockouts in 2021.*
	Occupational Health and Safety	403-1, 2, 3, 4, 5, 6, 7, 8	Our People: Occupational Health and Safety Our People: Data Tables
	Training and Education	404-2	Training, Education and Development
	Diversity and Equal Opportunity	405-1, 2	Our People: Diversity and Equal Opportunity Our People Data Tables
	Emergency Preparedness	G4-DMA	Our People: Occupational Health and Safety

Category	Disclosure	GRI Indicator	Location Reference
Social: Human Rights	Management Approach	103-1, 2, 3	Our Approach to Responsible Mining Our People Our Communities
	Non-discrimination	406-1	Our People: Non-Discrimination and Harassment
	Freedom of Association and Collective Bargaining	407-1	Our People: Freedom of Association Our Communities: Human Rights Commitments
	Child Labour	408-1	Our Communities: Human Rights Commitments
	Forced and Compulsory Labour	409-1	Our Communities: Human Rights Commitments
	Security Practices	410-1	Our Communities: Human Rights Commitments Our Communities: Security
	Human Rights Assessment	412-1, 2	Our Communities: Human Rights Commitments
Social: Society	Management Approach	103-1, 2, 3	Our Approach to Responsible Mining Our Communities
	Local Communities	413-1, 2	Our Communities
	Artisanal and Small-Scale Mining	MM8	Our Communities: Artisanal and Small-Scale Mining
	Resettlement	MM9	Our Communities: Resettlement
	Closure Planning	MM10	Planning for Mine Closure

TABLE 4 | SASB Standards

SASB Topic	Accounting Metric	Unit	Code (EM-MM-)	2021 Response	Location Reference
GHG Emissions	(1) Gross global Scope 1 emissions, (2) Percentage covered under emissions-limiting regulation	Metric tons (t) CO_2e, Percentage (%)	110a.1	(1) Scope 1 emissions were 722 thousand tonnes CO_2e (2) No scope 1 emissions are covered under emissions-limiting regulations	Our Environment – Energy and Climate Change B2Gold 2022 Climate Strategy Report (www.b2gold.com)
	(1) Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, (2) Emissions reduction targets, (3) Analysis of performance against those targets	n/a	110a.2	(1) Refer to B2Gold's Climate Strategy Report for a discussion of our strategy to manage scope 1 emissions. (2) B2Gold will issue a GHG emissions reduction target in 2022. (3) Not applicable.	Our Environment – Energy and Climate Change B2Gold 2022 Climate Strategy Report (www.b2gold.com)
Air Quality	Air emissions of the following pollutants: (1) CO (2) NOx (excluding N_2O) (3) SOx (4) particulate matter (PM10) (5) mercury (Hg) (6) lead (Pb) (7) volatile organic compounds (VOCs)	Metric tons (t)	120a.1	B2Gold does not currently report air emissions of these pollutants.	
Energy Management	(1) Total energy consumed (2) Percentage grid electricity (3) Percentage renewable	Gigajoules (GJ), Percentage (%)	130a.1	(1) 9.0 million GJ (2) None of our operations were connected to the grid in 2021 (3) 2%	Our Environment – Energy and Climate Change B2Gold 2022 Climate Strategy Report (www.b2gold.com)
Water Management	(1) Total fresh water withdrawn (2) Total fresh water consumed (3) Percentage of each in regions with High or Extremely High Baseline Water Stress	Thousand cubic meters (m^3), Percentage (%)	140a.1	(1) 19,298 thousand m^3 (2) 11,808 thousand m^3 (3) Otjikoto is the only operation in a country with High or Extremely High Baseline Water Stress: Withdrawn = 24% Consumed = 34%	Our Environment – Water Management
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Number	140a.2	B2Gold had no non-compliances associated with water quality permits, standards, and regulations in 2021.	Our Environment – Compliance and Environmental Incidents

SASB Topic	Accounting Metric	Unit	Code (EM-MM-)	2021 Response	Location Reference
Waste and Hazardous Materials Management	(1) Total weight of tailings waste (2) Percentage recycled	Metric tons (t), Percentage (%)	150a.1	(1) 20,285 thousand tonnes (2) Not applicable – B2Gold does not recycle tailings waste.	Our Environment – Tailings and Waste Management
	(1) Total weight of mineral processing waste (2) Percentage recycled	Metric tons (t), Percentage (%)	150a.2	(1) Waste rock: 121,672 thousand tonnes Non-mineral waste: 9,036 thousand tonnes (2) B2Gold does not recycle waste rock. B2Gold recycles some hazardous waste. In 2021, 77% of non-hazardous waste was recycled.	Our Environment – Tailings and Waste Management
	Number of tailings impoundments, broken down by MSHA hazard potential	Number	150a.3	Medium – 1 Very high – 1 Extreme – 2 Note: the hazard potential of our tailings dams is based on classification by jurisdiction.	An inventory of each operating and legacy TSF is available on our website (www.b2gold.com).
Biodiversity Impacts	Description of environmental management policies and practices for active sites	n/a	160a.1	Refer to the discussion in the Biodiversity section of this Report.	Our Environment – Biodiversity
	Percentage of mine sites where acid rock drainage is: (1) predicted to occur (2) actively mitigated (3) under treatment or remediation	Percentage (%)	160a.2	Masbate is the only site that generates significant quantities of potentially acid-generating materials. Comprehensive management strategies for these materials are in place.	Our Environment – Tailings and Waste Management
	Percentage of: (1) proved reserves (2) probable reserves in or near sites with protected conservation status or endangered species habitat	Percentage (%)	160a.3	B2Gold discloses which of its operations, rather than the percentages of proved or probable resources, are in or near sites with protected conservation status or endangered species habitat. Refer to the Biodiversity section of this Report.	Our Environment – Biodiversity

SASB Topic	Accounting Metric	Unit	Code (EM-MM-)	2021 Response	Location Reference
Security, Human Rights, and Rights of Indigenous Peoples	Percentage of: (1) proved reserves (2) probable reserves in or near areas of conflict	Percentage (%)	210a.1	B2Gold discloses which of its operations, rather than the percentages of proved or probable resources, are in or near areas of conflict. Refer to the 2021 Conflict-Free Gold Report.	B2Gold 2021 Conflict-Free Gold Report (www.b2gold.com)
	Percentage of: (1) proved reserves (2) probable reserves in or near indigenous land	Percentage (%)	210a.2	B2Gold's ESIAs do not identify any of our operations in or near indigenous lands.	
	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	n/a	210a.3	Refer to the discussion in the Our Communities section of this Report and the 2021 Conflict-Free Gold Report.	Our Communities – Approach to Managing Social Aspects and Human Rights B2Gold 2021 Conflict-Free Gold Report (www.b2gold.com)
Community Relations	Discussion of process to manage risks and opportunities associated with community rights and interests	n/a	210b.1	Refer to the discussion in the Our Communities section of this Report.	Our Communities
	Number and duration of non-technical delays	Number, Days	210b.2	B2Gold did not experience any non-technical delays in 2021.	
Labour Relations	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	Percentage (%)	310b.1	60% of B2Gold's total workforce is unionized.	Our People – Freedom of Association
	Number and duration of strikes and lockouts	Number, Days	310b.2	B2Gold did not experience any strikes or lockouts in 2021.	Our People – Grievance Management
Workforce Health and Safety	(1) MSHA all-incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR) (4) average hours of health, safety, and emergency response training for: a) full-time employees b) contract employees	Rate	320a.1	(1) Total Recordable Injury Frequency Rate – 0.27 (2) Number of fatalities – 0 (3) B2Gold does not currently report NMFR. (4) 2,984 safety-related training sessions were held across all B2Gold operations and development projects.	Our People – Occupational Health and Safety

SASB Topic	Accounting Metric	Unit	Code (EM-MM-)	2021 Response	Location Reference
Business Ethics and Transparency	Description of the management system for prevention of corruption and bribery throughout the value chain	n/a	510a.1	Refer to the Business Ethics and Governance Principles section of this Report.	Governance – Business Ethics and Governance Principles
	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index (CPI)	Metric tons (t) saleable	510a.2	B2Gold does not operate in any of the 20 lowest CPI countries.	
Activity Metric	Production of: (1) metal ores (2) finished metal products	Metric tons (t) saleable	000.A	(1) Gold – 1,047,414 ounces (2) n/a	Economic Performance
Activity Metric	(1) Total number of employees (2) Percentage contractors	Number, Percentage (%)	000.B	(1) 4,689 permanent, fixed-term, and supervised labour employees. (2) B2Gold does not currently report the percentage of our workforce that is contractors.	Our People

SDG TARGETS RELEVANT TO B2GOLD
ACTIVITIES IN 2021

1 NO POVERTY

1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance

3 GOOD HEALTH AND WELL-BEING

3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases, and combat hepatitis, waterborne diseases and other communicable diseases

3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents

3.d Strengthen the capacity of all countries for early warning, risk reduction and management of national and global health risks

4 QUALITY EDUCATION

4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship
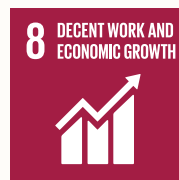
5 GENDER EQUALITY

5.1 End all forms of discrimination against all women and girls everywhere

5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life

6 CLEAN WATER AND SANITATION

6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

8 DECENT WORK AND ECONOMIC GROWTH

8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking, and secure the prohibition and elimination of the worst forms of child labour

8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment

10 REDUCED INEQUALITIES

10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

11 SUSTAINABLE CITIES AND COMMUNITIES

11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

12.4   By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

12.6   Encourage companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle

13 CLIMATE ACTION

13.1   Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries

15 LIFE ON LAND

15.5   Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

16.5   Substantially reduce corruption and bribery in all their forms

16.6   Develop effective, accountable and transparent institutions at all levels

16.7   Ensure responsive, inclusive, participatory and representative decision-making at all levels