

GRI G3 Content Index for Kumtor's 2012 Environment and Sustainability Report

This document is a supplement to Kumtor Gold Company's (Kumtor) 2012 Environment and Sustainability Report. It was produced using the reporting framework of the Global Reporting Initiative (GRI). This includes GRI's Third Generation (G3) Guidelines and the Mining and Metals Sector Supplement (MMSS).

This document comprises the GRI G3 Content Index for Kumtor's 2012 Environment and Sustainability Report. It is designed to display the G3 disclosures addressed in Kumtor's report. The GRI Content Index also assists in specifying the GRI Application Level. Kumtor has self-declared its report at a GRI Application Level B (see GRI's Application Level Table below).

Report Application Level	C	C+	B	B+	A	A+
G3 Profile Disclosures	Report on: 1.1 2.1 - 2.10 3.1 - 3.8, 3.10 - 3.12 4.1 - 4.4, 4.14 - 4.15		Report on all criteria listed for Level C plus: 1.2 3.9, 3.13 4.5 - 4.13, 4.16 - 4.17		Same as requirement for Level B	
G3 Management Approach Disclosures	Not Required	Report Externally Assured	Management Approach Disclosures for each Indicator Category	Report Externally Assured	Management Approach Disclosures for each Indicator Category	Report Externally Assured
G3 Performance Indicators & Sector Supplement Performance Indicators	Report on a minimum of 10 Performance Indicators, including at least one from each of: Economic, Social and Environmental.		Report on a minimum of 20 Performance Indicators, at least one from each of Economic, Environmental, Human rights, Labor, Society, Product Responsibility.		Report on each core G3 and Sector Supplement* Indicator with due regard to the Materiality Principle by either: a) reporting on the Indicator or b) explaining the reason for its omission.	

*Sector supplement in final version



2012 ENVIRONMENT AND SUSTAINABILITY REPORT

FOR QUESTIONS OR COMMENTS ABOUT THIS REPORT, PLEASE CONTACT US AT ENVIRONMENT@KUMTOR.COM OR VISIT WWW.KUMTOR.KG.

GRI G3 Content Index with Mining & Metals Sector Supplement

Indicator	Description	Page Reference or Answer
Profile		
1. Strategy and Analysis		
1.1	Executive comments	2
1.2	Strategy	2-3
2. Organizational Profile		
2.1 - 2.4	Name of the organization; products; operational structure, headquarters	Inside Front Cover
2.5 - 2.8	Countries of operations, nature of ownership, scale of organization	Inside Front Cover
2.9	Significant changes	1st GRI-based report
2.10	Awards received	11
3. Report Parameters		
3.1 - 3.3	Reporting period; date of previous report; reporting cycle	Inside Front Cover
3.4	Contact point	environment@kumtor.com
3.5	Defining report content	Inside Front Cover, 70
3.6 - 3.8	Report boundary, limitations, basis of reporting	Inside Front Cover
3.9	Data measurement techniques	Industry practice, GRI
3.10	Restatements, changes in scope, boundary or measurements methods	1st GRI-based report
3.12	Table identifying the location of the Standard Disclosures in the report	This table, web-posted
3.13	Assurance practice	Report not assured, future assurance subject to significant stakeholder interest and other factors

KEY

1.1	Core Indicator (bold)	MM1	Indicator from GRI's MMSS	GRI	Global Reporting Initiative	MMSS	GRI's Mining and Metals Sector Supplement
HR8	Additional Indicator	Closure*	DMA from MMSS	DMA	Disclosure of Management Approach		

Indicator	Description	Page Reference or Answer
4. Governance, Commitments, and Engagement		
4.1	Governance structure	6, www.centerragold.com
4.2	Board independence	6, www.centerragold.com
4.3	Board and committee structure	6, www.centerragold.com
4.4	Shareholder and employee communication	6, 68-73
4.5	Executive compensation and performance	Centerra's compensation for operations, exploration and site managers involves incentive payments. These include HSE performance criteria
4.6 - 4.9	Board conflict of interest, qualifications, code of conduct, oversight	6
4.10	Review of board performance	6, see 4.5
4.11	Application of precautionary approach	8,10, 20, 74
4.12	External charters, principles, or initiatives	6-11
4.13	Memberships	11
4.14 - 4.15	List of stakeholder groups, identification and selection	69-70, 44
4.16 - 4.17	Stakeholder engagement, key topics raised	69-70, 38, 44
Management Approach & Performance Indicators		
Economic		
DMA EC	Disclosure on Management Approach EC	12-15
Economic performance		
EC1	Economic performance	15
EC2	Financial implications of climate change	32, 46-48, 54-57
EC3	Defined benefit plans	16-19

Indicator	Description	Page Reference or Answer
EC4	Significant financial assistance received from government	None
Market presence		
EC5	Range of ratios of standard entry level wage compared to local minimum wage	17
EC6	Local procurement	13-14
EC7	Local hiring	17-18
Indirect economic impacts		
EC8	Infrastructure development	68-73
EC9	Indirect economic impacts	13, 68-73
Environmental		
DMA EN	Disclosure on Management Approach EN	8-11, 35, 37-39, 43, 47, 51, 55, 65, 75
Materials		
EN1	Materials used by weight or volume.	14
EN2	Percentage of materials used that are recycled input materials.	No significant recycled component in gold mining operations
Energy		
EN3	Direct energy consumption by primary energy source.	46-49, 14
EN4	Indirect energy consumption by primary source.	46-49
EN5 - EN7	Energy saved, renewable energy products, energy efficiency initiatives	46-49, no material saving
Water		
EN8	Total water withdrawal by source.	54-56, 32-33
EN9	Water sources significantly affected by withdrawal of water.	54-56, 32-33
EN10	Percentage and total volume of water recycled and reused.	56-57

Indicator	Description	Page Reference or Answer
Biodiversity		
EN11	Land management in, or adjacent to, protected areas and areas of high biodiversity value	42-45
EN12	Significant impacts on biodiversity in protected areas and areas of high biodiversity value	42-45
MM1	Amount of land disturbed or rehabilitated.	Not reported
EN13	Habitats protected or restored.	42-45
EN14	Managing impacts on biodiversity	42-45, 75
MM2	Sites with biodiversity management plans	42-45
EN15	IUCN Red List species and national conservation list species	42-45
Emissions, effluents and waste		
EN16	Total direct and indirect greenhouse gas emissions by weight.	46-49
EN17	Other relevant indirect greenhouse gas emissions by weight.	Not reported
EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved.	46-49, not quantified
EN19	Emissions of ozone-depleting substances by weight.	Not reported
EN20	NO _x , SO _x , and other significant air emissions by type and weight.	Dust: 50-52, 81
EN21	Total water discharge by quality and destination	54-63
EN22	Total weight of waste by type and disposal method.	64-67
MM3	Overburden, rock, tailings, and sludges	25,30
EN23	Significant spills	39
EN24	Hazardous wastes and shipped internationally (Basel Convention)	Not reported
EN25	Significant environmental impacts on water bodies and related habitats	Not reported
Products and services		
EN26	Environmental impacts of products	Not material (product: doré gold bars)

Indicator	Description	Page Reference or Answer
EN27	Products sold and their packaging materials reclaimed	Not material (product: doré gold bars)
Compliance		
EN28	Significant fines and sanctions for non-compliance	2-3, 38-39
Transport		
EN29	Significant environmental impacts of transportation	Fuel use related to transport of workers to remote mine site included in EN16 and EN17
Overall		
EN30	Total environmental protection expenditures and investments by type.	35
Social: Labor Practices and Decent Work		
DMA LA	Disclosure on Management Approach LA	16-19
Employment		
LA1	Total workforce by employment type, employment contract, and region	18
LA2	Total number and rate of employee turnover by age group, gender, and region	Not reported
LA3	Benefits provided to full-time employees	19
Labor/management relations		
LA4	Percentage of employees covered by collective bargaining agreements.	19
LA5	Minimum notice periods regarding operational changes	19
MM4	Number of strikes and lock-outs exceeding one week's duration	None in 2011, one 10-day labor interruption recorded in Feb. 2012
Occupational health and safety		
LA6	Health and safety committees	Not reported
LA7	Health and safety performance	20-23

Indicator	Description	Page Reference or Answer
LA8	Assistance to workforce and their families regarding serious diseases	Not reported
LA9	Health and safety topics covered in formal agreements with trade unions	KR ratified all fundamental ILO conventions; agreements refer, inter alia, to KR labor laws, right to refuse work, protective technologies
Training and education		
LA10	Average hours of training per year per employee by employee category	21-22
LA11	Skills management and lifelong learning	Not reported
LA12	Percentage of employees receiving regular performance and career development reviews.	100%. In addition, senior national (12%) and expatriate employees receive annual feedback on individual performance objectives which determine annual incentive bonus.
Diversity and equal opportunity		
LA13	Diversity of governance bodies and employees	Not reported
LA14	Ratio of basic salary of men to women by employee category	Not reported
Social: Human Rights		
DMA HR	Disclosure on Management Approach HR	2-3, 7, 17-19
Diversity and equal opportunity		
HR1 - HR2	Human rights and significant investment agreements, suppliers and contractors	Not reported
HR3	Human rights training for employees	Not reported
Non-discrimination		
HR4	Number of incidents of discrimination and actions taken	None recorded

Indicator	Description	Page Reference or Answer
Freedom of association and collective bargaining		
HR5	Operations with significant risks to freedom of association, collective bargaining	None recorded
Child labor		
HR6	Operations with significant risk of child labor	None recorded
Forced and compulsory labor		
HR7	Operations with significant risk of forced labor	None recorded
Security practices		
HR8	Human rights training of security personnel	Not reported
Indigenous rights		
MM5	Operations in or adjacent to Indigenous Peoples' territories	None recorded
HR9	Violations involving rights of indigenous people	None recorded
Social: Society		
DMA SO	Disclosure on Management Approach SO	2-3, 68-73
Community		
SO1	Programs that assess and manage the impacts of operations on communities	68-73, 75
MM6	Significant disputes relating to land use	45
MM7	Use of grievance mechanisms to resolve disputes relating to land use	Not reported
Artisanal and small-scale mining		
MM8	Operating sites where artisanal and small-scale mining (ASM) takes place	None
Resettlement		
MM9	Sites where resettlements took place	None

Indicator	Description	Page Reference or Answer
Closure planning		
MM10	Operations with closure plans	74-75
Corruption		
SO2	Business units analyzed for risks related to corruption	Not reported
SO3	Employees trained in anti-corruption policies and procedures	Not reported
SO4	Actions taken in response to incidents of corruption.	Not reported
Public policy		
SO5	Public policy positions and participation in public policy development and lobbying.	7
SO6	Financial and in-kind contributions to political parties, politicians, and institutions	7
Anti-competitive behavior		
SO7	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	None recorded
Compliance		
SO8	Significant fines of non-monetary sanctions for non-compliance with laws and regulations	Not reported (see also EN28)
Social: Product Responsibility		
DMA PR	Disclosure on Management Approach PR	8, 11
Materials Stewardship		
MM11	Programs and progress relating to materials stewardship.	10, 11, 24, 75
Customer health and safety		
PR1	Product life cycle stages and health and safety impacts	Dore gold bars are not considered to present latent health & safety risks

Indicator	Description	Page Reference or Answer
PR2	Non-compliance with product health and safety requirements	Dore gold bars not considered to present latent health & safety risks
Product and service labeling		
PR3	Product labeling	Not material
PR4	Non-compliance regarding product labeling	None recorded
PR5	Customer satisfaction surveys	Not reported
Marketing communications		
PR6	Adherence to marketing communications standards and codes	Public listing standards, NI 43-101
PR7	Non-compliance with regarding marketing communications	None recorded
Customer privacy		
PR8	Breaches of customer privacy	None recorded
Compliance		
PR9	Significant fines for non-compliance regarding products	None recorded