



DATA SUPPLEMENT 2018



BUILDING
FOR TOMORROW

BUILT
FOR TODAY

2018 CENTERRA GOLD INC. SUSTAINABILITY DATA SUPPLEMENT

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Information contained in this report, which are not statements of historical facts, and the documents incorporated by reference herein, may be “forward-looking information” for the purposes of Canadian securities laws. Such forward-looking information involves risks, uncertainties and other factors that could cause actual results, performance, prospects and opportunities to differ materially from those expressed or implied by such forward-looking information. For a detailed discussion of such risks and other factors, see the Company’s Management’s Discussion

and Analysis (MD&A) and the Company’s most recent Annual Information Form which are available on SEDAR at www.sedar.com.

Although Centerra believes that the assumptions inherent in these forward-looking statements are reasonable, the reader should not place undue reliance on these statements. Centerra disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except to the extent required by applicable laws.

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ABOUT CENTERRA GOLD

Centerra Gold (“Centerra” or the “Company”) is a Canadian-based gold mining company engaged in operating, developing, acquiring and exploring gold properties in North America, Asia and other markets worldwide.

The Company operates two flagship assets, the Mount Milligan Mine in British Columbia, Canada and the Kumtor Mine in the Kyrgyz Republic and is one of the largest Western-based gold producers in Central Asia. In 2018, Centerra Gold produced 730,000 ounces of gold and 47.1 million pounds of copper from its two operations. In May 2018, Centerra commenced construction on its Öksüt

Mine in Turkey, with first gold pour expected in the first quarter of 2020.

Centerra’s objectives are to build shareholder value by maximizing the potential of its current properties, deliver profitable growth through the development of its late-stage properties such as Kemess Underground, Kemess East, and Greenstone, add additional exploration properties and exploration joint ventures and continue to increase its mineral reserves and resources.

Centerra’s shares trade on the Toronto Stock Exchange (TSX) under the symbol CG. The Company is headquartered in Toronto, Ontario, Canada.



OUR VALUES

We believe that how we conduct business and how all employees act in fulfilling their job responsibilities are fundamental to achieving our vision to build a team-based culture of excellence that responsibly delivers sustainable value and growth.

While Centerra's ultimate objective is to deliver value to our shareholders, integrity and ethics will be the foundation for everything we do. In endeavouring to achieve our vision we will follow our core values outline below.



ABOUT THIS REPORT

This report is the Centerra Sustainability Data Supplement for the 2018 financial year (twelve months ending December 31, 2018).

This report is focused on consolidated data primarily from two operating sites, namely the Kumtor Gold Mine in the Kyrgyz Republic and the Mount Milligan Copper-Gold Mine in British Columbia, Canada, unless explicitly indicated otherwise.

This Data Supplement primarily focuses on providing information on Centerra's 2018 ESG performance via key performance indicators. The Data Supplement also includes a brief overview of the process used to define the ESG priorities for 2019 and onward.

The Company's 2017 Sustainability Report is the last full corporate sustainability report that was published.

Throughout this Supplement, Centerra will use the words 'sustainability' and 'ESG' interchangeably to describe its commitment to being a responsible miner and better capture our multi-lens approach to long-term value creation.

Financial amounts are reported in US dollars (USD) unless otherwise stated. References herein to "Centerra" or the "Company" refer to the consolidated company unless explicitly indicated otherwise. Disclosure represents information as of December 31, 2018 or for the entire 2018 year unless otherwise noted.



In 2016, Centerra conducted a materiality assessment to identify the material ESG topics for the organization.

The materiality process comprised of:

- ◆ Opinions of Board members via interviews and an on-line survey;
- ◆ Opinions of Senior Leadership and management at sites via interviews and an on-line survey;
- ◆ Views of external stakeholders via interviews and an online survey;
- ◆ Internal review of policies, values, goals and targets;
- ◆ Views of local communities; and,
- ◆ An assessment of major risks.

The key material topics identified from this process included:

- ◆ Occupational Health & Safety
- ◆ Legal Compliance
- ◆ Local Communities
- ◆ Water Management
- ◆ Waste & Hazardous Materials Management
- ◆ Emergency Preparedness
- ◆ Ethical Conduct & Anti-Corruption
- ◆ Human Rights

- ◆ Training & Education
- ◆ Fostering Local Economies
- ◆ Closure Planning
- ◆ Business Planning
- ◆ Geotechnical Challenges
- ◆ Fostering Local Economies
- ◆ Biodiversity
- ◆ Energy & Climate
- ◆ Business Development

In 2019, Centerra commenced an ESG Topics Assessment (the “Assessment”) to inform, validate and prioritize the company’s material ESG topics. The Assessment is scheduled to be completed in 2020 and consisted of an extensive internal and external stakeholder engagement process, including a one-day senior leadership workshop aimed at prioritizing and validating the results of the Assessment.

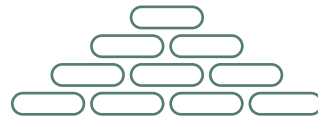
The results of the Assessment will be used to inform Centerra’s 2020 ESG operational strategy, stakeholder engagement activities and reporting process. The results of the Assessment will be available in the Company’s 2019 Sustainability Report.

2018 CORPORATE HIGHLIGHTS



729,556 oz

of gold produced



47,091,000 lb

of copper produced



Commenced **Öksüt Mine construction** in May 2018 with the first gold pour expected in Q1 2020



January 2018, completed the acquisition of **AuRico Metals Inc.** adding the Kemess Project to Centerra's project pipeline

Procured approximately

\$81 million

in local goods and services from the Kyrgyz Republic for our Kumtor operations



Secured an amendment to the **Mount Milligan Environmental Assessment Certificate** that allowed for limited withdrawal of water from Philip Lake until October 2018 required to continue milling operations



Commenced a female empowerment initiative called 'Leading from Within' across the organization which **trained over 130 women** by the time of phase 1 completion in 2019

Cash balance of

\$152 million

as at December 31, 2018

RESPONSIBLE MINING

SECURITY & HUMAN RIGHTS

Table 1 **SECURITY PRACTICES**
GRI: 410-1

	Unit	KYRGYZ REPUBLIC			MONGOLIA		
		2018	2017	2016	2018 ²	2017	2016
Security personnel (full-time)	Number	125	125	124	9	9	10
Security personnel (contractors)	Number	20	20	20	54	54	75
Security personnel trained for human rights ¹	Number	145	61	61	54	51	85
Ratio of security personnel trained for human rights	%	100%	42	42	100	81	100

Explanatory Note

¹Security personnel at Centerra's operations in the Kyrgyz Republic and in Mongolia were trained on security and human rights in accordance with the principles set out by the Voluntary Principles on Security and Human Rights (VPSHR).

²During 2018, the Gatsurt Project was in development and the Boroo Mine remained under care and maintenance. On October 12, 2018, Centerra announced the sale of its Mongolian business unit, including the Boroo Gold Mine, Boroo processing facility and the Gatsurt Project.

Table 2 **ARTISANAL AND SMALL-SCALE MINING (ASM)**

No. of Illegal and Artisanal Miners Detected ³	MONGOLIA					
	GATSURT PROJECT			BOROO MINE		
	2018	2017	2016	2018	2017	2016
January	15	42	4,176	0	3	35
February	12	15	891	0	1	94
March	3	45	4,356	0	1	36
April	9	0	140	0	0	87
May	51	17	30	0	1	5
June	16	10	144	0	0	3
July	3	7	203	3	0	0
August	4	36	150	4	7	2
September	3	8	160	5	0	0
October	0	3	209	0	3	0
November	0	0	52	0	0	1
December	0	3	94	0	7	0

Explanatory Note

³During 2018, the Gatsurt Project was in development and the Boroo Mine remained under care and maintenance. On October 12, 2018, Centerra announced the sale of its Mongolian business unit, including the Boroo Gold Mine, Boroo processing facility and the Gatsurt Project. As such, there is no available data from October – December 2018 on the number of illegal and artisanal miners detected.

CONTINUOUS IMPROVEMENT FOSTERING LOCAL ECONOMIES

Table 3 **FINANCIAL HIGHLIGHTS**
GRI: 201-1

(\$ millions, except as noted)	CONSOLIDATED FINANCIAL SUMMARY ⁴		
	2018	2017	2016
Revenue	1,129	1,199	761
Cost of sales	761	682	415
Earnings from mine operations	343	499	331
Earnings (loss) before income taxes	98	232	156
Total assets	2,827	2,772	2,655
Long-term debt and lease obligation	183	212	423
Long-term provision for reclamation, other liabilities and deferred income taxes	260	177	181
Gold produced (ounces poured)	729,556	785,316	598,677
Payable copper Produced (000s lbs)	47,091	53,596	10,399

Explanatory Note

⁴2016 includes results from Thompson Creek Metals Company Inc. operations beginning October 20, 2016, the date of acquisition. Mount Milligan payable production and ounces sold are presented on a 100% basis (Royal Gold streaming agreement entitles it to 35% and 18.75% of gold and copper sales, respectively). Under the streaming arrangement, Royal Gold will pay \$435 per ounce of gold delivered and 15% of the spot price per metric tonne of copper delivered. No comparative results presented prior to acquisition.

In the 2017 Sustainability Report, the figures for the 2017 cost of sales, earnings from mine operations and earnings (loss) before income taxes were incorrectly reported. As per the Company's regulatory filings, the cost of sales should have been reported as \$682 million, earnings from mine operations as \$499 million, and earnings (loss) before income taxes as \$232 million. The correct figures are reflected in Table 3.

In the 2017 Sustainability Report, the figure for the 2016 cost of sales was incorrectly reported as \$761 million and should have been reported as \$415 million, as per the Company's regulatory filings. The correct figures are reflected in Table 3.



CONTINUOUS IMPROVEMENT FOSTERING LOCAL ECONOMIES

Table 4 **CONSOLIDATED DIRECT ECONOMIC VALUE GENERATED AND DISTRIBUTED⁵**
GRI: 201-1

(\$ millions, except as noted)	2018	2017	2016
Revenues	1,129.3	1199.0	760.8
Other income (expenses)	2.4	3.1	1.8
Operating costs (Goods and Services) - including capitalized stripping	442.7	446.5	264.6
Corporate administration costs	10.2	14.6	9.2
Exploration and business development costs	19.0	8.2	8.8
Pre-development costs	11.0	3.6	8.8
Capital expenditure	205.6	133.9	123.3
Other operating costs (income)	82.6	25.9	3.4
Employee and contractor wages and benefits	145.1	140.7	101.6
Payments to providers of capital	34.6	26.9	32.1
Taxes and Royalties	108.5	93.4	102.0
Community donations and investments ⁶	2.6	.8	.9
Economic value generated (distributed)	67.5	307.5	107.7

Explanatory Note

⁵Excludes acquisition and integration costs related to Centerra Gold Inc.'s acquisition of Thompson Creek Metals Co. Inc.

⁶In 2019, the methodology for calculating community donations and investments was revised to align with industry and peer best practice. As such, the figures for the 2016 and 2017 community donations and investments have been adjusted to reflect this update in methodology.



CONTINUOUS IMPROVEMENT FOSTERING LOCAL ECONOMIES

Table 5 **LOCAL PROCUREMENT**
GRI: 204-1

	Unit	KYRGYZ REPUBLIC		
		2018	2017	2016
Total procurement	\$USD	317,703,765	266,126,258	256,175,620
Total spending on local suppliers	\$USD	81,176,660	60,385,333	58,426,843
Proportion of spending on local suppliers	%	26	23	23
Suppliers	Number	790	803	1,049
Local suppliers	Number	401	508	599
Local suppliers	%	51	63	57

Table 6 **LOCAL PROCUREMENT**
GRI: 204-1

	Unit	BRITISH COLUMBIA, CANADA		
		2018 ⁷	2017	2016
Total procurement	\$USD	276,092,698	279,166,070	291,667,000
Total spending on local suppliers	\$USD	69,350,363	18,361,191	19,254,426
Proportion of spending on local suppliers	%	25	22	7
Suppliers	Number	549	789	580
Local suppliers	Number	144	176	102
Local suppliers	%	26	32	18

Explanatory Note

⁷In 2018, Centerra's British Columbia operations finalized the implementation of a new enterprise resource program. During this implementation, the current vendor list was updated, specifically removing duplicate and obsolete vendors, which resulted in a more accurate and reliable list. The 2018 figures in Table 6 represent operations at the Mount Milligan Mine, Endako Mine and the Kemess Underground Project.



DELIVERING RESULTS ENVIRONMENTAL PROTECTION

Table 7 **WATER MANAGEMENT AT KUMTOR**
GRI: 303-1, 303-3

	Unit	KUMTOR ⁸		
		2018	2017	2016
Total Water Extracted from Petrov Lake	mil.m ³	5.17	5.21	5.25
Pit water pumped to the Mill	mil.m ³	1.54	1.14	1.01
Pit water pumped to the environment	mil.m ³	25.17	29.24	12.75
Water Used for camp domestic purposes (from Petrov Lake)	mil.m ³	0.14	0.13	0.13
Water Used for Mill domestic purposes (from Petrov Lake)	mil.m ³	0.02	0.02	0.02
Raw water used at Mill (from Petrov Lake)	mil.m ³	4.91	5.03	5.06
Total water used at Mill (Petrov Lake + pit water)	mil.m ³	6.45	6.17	6.07
Water internally recycled at Mill	mil.m ³	8.06	6.19	6.50
Ore Feed to Mill	tonnes	6.3	6.2	6.3
Raw Water Intensity Ratio	litres/tonne Mill Feed	776	805	1,074
Water used for dust suppression (from Petrov Lake + pit water)	mil.m ³	0.85	0.82	0.04

Explanatory Note

⁸Kumtor has two primary sources of water at the mine site. Most of the water used is extracted from Petrov Lake. Kumtor also pumps water from the open mine pit, some of which is used at the Mill, thus reducing the site's demand from Petrov Lake. In 2018, Kumtor extracted approximately 5.17 million m³ of water from Petrov Lake and pumped a total of 27.45 million m³ of water from the pit, including groundwater and glacier melt water.



DELIVERING RESULTS ENVIRONMENTAL PROTECTION

Table 8 **WATER MANAGEMENT AT MOUNT MILLIGAN**
GRI: 303-1, 303-3

	Unit	MOUNT MILLIGAN ⁹		
		2018	2017	2016
Volume of water withdrawn from surface water	mil.m ³	1.64	0.65	0
Volume of water withdrawn from ground	mil.m ³	2.95	0.23	0.056
Volume of water withdrawn from rainwater and snowpack collected by the organization	mil.m ³	2.83	4.2	6.2
Total water consumption	mil.m ³	7.42	5.08	6.256
Water recycled and reused	mil.m ³	23.12	36.49	40.48
Total water demand	mil.m ³	30.54	41.57	46.73
Ratio of water demand supplied using recycled water	mil.m ³	75.70	87.78	86.61

Explanatory Note

⁹Following a methodology review in 2019, calculations for water use in 2018 in British Columbia have been revised for accuracy which is reflected in a lower ratio of water demand supplied using recycled water. Below are the applicable revised definitions for water management at Mount Milligan:

1. Total water consumption is all the water withdrawn from various sources for operations.
2. Total water demand is the water required for milling operations at Mount Milligan.
3. "Water recycled and reused" is calculated by subtracting "Total water demand" from "Total water consumption"
4. "Ratio of water demand supplied using recycled water" is calculated by dividing "Water recycled and reused" by "Total water demand"



DELIVERING RESULTS ENVIRONMENTAL PROTECTION

Table 9 **WASTE MANAGEMENT AT KUMTOR**
GRI: 306-2

	Unit	KUMTOR ¹⁰		
		2018	2017	2016
Total industrial waste	tonnes	6,751.2	10,052.0	6,996.0
Industrial waste, recycled	tonnes	6,751.2	10,083.2	8,828
Total hazardous waste	tonnes	459.7	545.0	697.0
Hazardous waste, recycled	tonnes	0.0	817.9	1,798
Waste tires	number	1,176.3	947.8	1,150.0

Explanatory Note

¹⁰Three major types of waste (not including waste rock and tailings) result from the mine operation: solid domestic waste, industrial and hazardous waste. Solid domestic waste includes food waste, various types of packaging, as well as other out of service household items. Industrial waste includes scrap metal, waste tires, plastic, waste oil and fluids, and other low hazard waste, generated in large volumes and subject to recycling and further use as a secondary raw material. All industrial waste is 100% recycled.

Hazardous waste includes packaging materials, polypropylene bags and wooden boxes used for transportation of toxic agents, batteries, mercury lamps, medical waste and expired reagents.

Table 10
WASTE MANAGEMENT AT MOUNT MILLIGAN
GRI: 306-2

	Unit	MOUNT MILLIGAN		
		2018	2017	2016
Hazardous waste recycled, reused, recovered	tonnes	763.8	441	342.6
Hazardous waste disposed	tonnes	482.0	474	0
Non-hazardous waste recycled, reused, recovered	tonnes	N/A¹¹	272.3	2710.3
Non-hazardous waste disposed	tonnes	174.1	2,169	3,028

Explanatory Note

¹¹This data is not available for 2018.



DELIVERING RESULTS

ENVIRONMENTAL PROTECTION

Table 11 **BIODIVERSITY MANAGEMENT: REGIONAL FAUNA SPECIES WITH CONSERVATION STATUS IDENTIFIED WITHIN THE STUDY AREA AT THE KUMTOR MINE**
GRI: 304-4

Common Name	Scientific Name	Kyrgyz Red Book (2006)	IUCN Red Book	Kumtor Concession	SCER
MAMMALS					
Mountain Sheep	Ovis ammom	Near Threatened	Near Threatened	Yes	Yes
Snow Leopard	Uncia uncia	Critically Endangered	Endangered	Yes	Yes
Brown Bear	Ursus arctos	Lower Risk/ Least Concern	Least Concern	Yes	Yes
Pallas' Cat	Otocolobus manul	Near Threatened	Near Threatened	Near	Yes
Stone Marten	Martes foina	Lower Risk/ Least Concern	Not Included	Yes	Yes
Eurasian lynx	Lynx lynx	Near Threatened	Least Concern	Near	Yes
BIRDS					
Black Stork	Ciconia nigra	Near Threatened	Least Concern	Yes	Yes
Whooper Swan	Cygnus cygnus	Least Concern	Least Concern	Near	Yes
Golden Eagle	Aquila chrysaetos	Near Threatened	Least Concern	Yes	Yes
Eastern Imperial Eagle	Aquila heliaca	Vulnerable	Vulnerable	Seasonal Migrant	Seasonal Migrant
Eurasian Black Vulture	Aegypius monachus	Near Threatened	Near Threatened	Yes	Yes
Himalayan Griffon	Gyps himalayensis	Least Concern	Least Concern	Yes	Yes
Lammergeyer	Gypaetus barbatus	Near Threatened	Near Threatened	Near	Yes
Saker Falcon	Falco cherrug	Endangered	Endangered	Near	Yes
Eurasian Eagle Owl	Bubo bubo	Least Concern	Least Concern	Near	Yes
Ibisbill	Ibidorhyncha struthersii	Vulnerable	Least Concern	Near	Yes
Demausel Cranes	Anthropoides virgo	Near Threatened	Least Concern	Yes	Yes

Acronyms

SCER is Sarychat-Eertash Nature Reserve.
IUCN is the International Union for Conservation of Nature.

DELIVERING RESULTS ENVIRONMENTAL PROTECTION

Table 12 **BIODIVERSITY MANAGEMENT: REGIONAL FAUNA SPECIES WITH CONSERVATION STATUS IDENTIFIED WITHIN THE STUDY AREA AT THE MOUNT MILLIGAN MINE**
GRI: 304-4

Common Name	Scientific Name	BC Conservation Status (Provincial)	COSEWIC Status (Federal)	SARA Status (Federal)	IUCN Red Book
MAMMALS					
Grizzly Bear	<i>Ursus arctos horribilis</i>	Blue	Special Concern	Schedule 1	Least Concern
Wolverine	<i>Gulo gulo</i>	None	Special Concern	Schedule 1	Least Concern
Fisher	<i>Pekania pennanti</i>	Blue	None	None	Not Assessed
Northern Caribou (Northern Mountain population)	<i>Rangifer tarandus</i>	Blue	Threatened / Special Concern	Schedule 1	Vulnerable
Cougar	<i>Puma concolor</i>	Yellow	Not Listed	Not Listed	Least Concern
Canadian Beaver	<i>Castor canadensis</i>	Yellow	Not Listed	Not Listed	Least Concern
Grey Wolf	<i>Canis lupus</i>	Yellow	Not at risk	Not listed	Least Concern
Coyote	<i>Canis latrans</i>	Yellow	Not Listed	Not Listed	Least Concern
Black Bear	<i>Ursus americanus</i>	Yellow	Not at risk	Not Listed	Least Concern
Fox	<i>Vulpes vulpes</i>	Yellow	Not Listed	Not Listed	Least Concern
BIRDS					
Barn Swallow	<i>Hirundo rustica</i>	Blue	Threatened	Schedule 1-Threatened	Least Concern
Rusty Blackbird	<i>Euphagus carolinus</i>	Blue	Special Concern	Schedule 1	Vulnerable
Broad-Winged Hawk	<i>Buteo platypterus</i>	Blue	Not listed	Not listed	Least Concern
Short-Eared Owl	<i>Asio flammeus</i>	Blue	Special Concern	Schedule 1	Least Concern
Peregrine Falcon	<i>Falco peregrinus</i>	None	Special Concern	Schedule 1	Least Concern
INSECTS					
Hagen's Bluet	<i>Enallagma hageni</i>	Yellow	None	None	Least Concern
Beaverpond Baskettail	<i>Epitheca canis</i>	Yellow	None	None	Least Concern
Quebec Emerald	<i>Somatochlora brevicincta</i>	Blue	None	None	Least Concern
Forcipate Emerald	<i>Somatochlora forcipata</i>	Blue	None	None	Least Concern
Kennedy's Emerald	<i>Somatochlora kennedyi</i>	Blue	None	None	Least Concern
AMPHIBIANS					
Columbia Spotted Frog	<i>Rana luteiventris</i>	Yellow	Not at risk	Not listed	Least Concern
Wood Frog	<i>Rana sylvatica</i>	Yellow	Not at risk	Not listed	Least Concern
Long-Toed Salamander	<i>Ambystoma macrodactylum</i>	Yellow	Not at risk	Not listed	Least Concern
Western Toad	<i>Anaxyrus boreus</i>	Yellow	Special Concern	Schedule 1	Least Concern

DELIVERING RESULTS

ENVIRONMENTAL PROTECTION

Table 13 **BIODIVERSITY MANAGEMENT: REGIONAL FAUNA SPECIES WITH CONSERVATION STATUS IDENTIFIED WITHIN THE STUDY AREA AT THE ÖKSÜT PROJECT**
GRI: 304-4

Common Name	Latin Name	IUCN Red Book	Mine Site Local Study Area	Powerline Local Study Area	KBA
BIRDS					
Sociable Lapwing	<i>Vanellus gregarius</i>	Critically Endangered	No	Yes	Immigration Period
Slender-billed Curlew	<i>Numenius tenuirostris</i>	Critically Endangered	No	Yes	Immigration Period
White-headed Duck	<i>Oxyura leucocephala</i>	Endangered	No	Yes	Yes
Saker Falcon	<i>Falco cherrug</i>	Endangered	No	Yes	Yes
Egyptian Vulture	<i>Neophron percnopterus</i>	Endangered	Yes	Yes	Immigration Period
Red-breasted Goose	<i>Branta ruficollis</i>	Vulnerable	No	Yes	Immigration Period
Marbled Teal	<i>Marmaronetta angustirostris</i>	Vulnerable	No	Yes	Yes
Velvet Scoter	<i>Melanitta fusca</i>	Vulnerable	No	Yes	Immigration Period
Pochard	<i>Aythya ferina</i>	Vulnerable	No	Yes	Yes
Eastern Imperial Eagle	<i>Aquila heliaca</i>	Vulnerable	No	Yes	Yes
Greater Spotted Eagle	<i>Clanga</i>	Vulnerable	No	Yes	Immigration Period
Great Bustard	<i>Otis tarda</i>	Vulnerable	No	Yes	Yes
Aquatic Warbler	<i>Acrocephalus paludicola</i>	Vulnerable	No	Yes	Immigration Period
Dalmatian Pelican	<i>Pelecanus crispus</i>	Vulnerable	No	Yes	Yes
Dalmatian Pelican	<i>Pelecanus crispus</i>	Vulnerable	No	Yes	Yes
REPTILES					
Spur-thighed Tortoise ¹²	<i>Testudo graeca</i>	Vulnerable	Yes	Yes	Yes

Explanatory Note

¹²In the 2017 Sustainability Report, the spur-thighed tortoise was incorrectly categorized as a bird and should have been categorized as a reptile. Table 13 reflects this correction.

DELIVERING RESULTS ENVIRONMENTAL PROTECTION

Table 14 **ENERGY AND EMISSIONS**

GRI: 302-1, 305-1, 305-2

	Unit	KYRGYZ REPUBLIC			MOUNT MILLIGAN ¹³		
		2018	2017	2016	2018	2017	2016
Direct Energy Consumption	Gigajoules	5,445,913	4,838,619	4,807,912	732,547	589,371	850,891
Indirect Energy Consumption	Gigajoules	1,043,989	1,041,539	1,034,037	1,687,856	2,072,682	1,861,685
Total Energy Consumption	Gigajoules	6,489,902	5,878,158	5,841,949	2,420,403	2,662,053	2,712,576
Direct GHG Emissions (scope 1)	Tonnes CO ₂ e	382,028	340,525	337,028	51,010	46,821	59,004
Indirect GHG Emissions (scope 2)	Tonnes CO ₂ e	25,230	25,279	25,102	5,157	6,348.2	2,606
Total GHG Emissions (scope 1 + scope 2)	Tonnes CO ₂ e	407,257	365,804	362,130	56,167	53,169	61,610

Explanatory Note

¹³In the 2017 Sustainability Report, the figure for indirect GHG emissions (Scope 2) for Canada was reported incorrectly. The 2017 indirect GHG emissions (scope 2) is 6,348.2T CO₂e, which has been updated in Table 14. As such, the figure reported for the total GHG emissions (scope 1 + scope 2) in Canada was stated incorrectly. The correct figure is 53,169 T CO₂e, which has been updated in Table 14.



WINNING AS A TEAM WORKPLACE PRACTICES

Table 15 **OCCUPATIONAL HEALTH & SAFETY: REPORTABLE INJURY FREQUENCY RATE**
GRI: 403-2

	CENTERRA			PEER GROUP		
	2018	2017	2016	2018	2017	2016
Reportable Injury Frequency Rate	0.47	0.38	0.36	0.69	0.67	0.79

Table 16 **OCCUPATIONAL HEALTH & SAFETY: KEY STATISTICS**
GRI: 403-2

	Unit	2018	2017	2016
Total Hours Worked	Person Hours	9,764,993	8,450,708	6,945,944
Total Workdays	Number	939,207	736,603	511,575
Total Injuries (reportable)	Number	23	16	13
Total Lost Days	Number	396	6,290	6,500
Total Fatalities	Number	0	1	1
Total Reportable Injury Rate ¹⁴	Rate	0.47	0.38	0.37
Total Occupational Disease Cases ¹⁵	Number	3	1	0
Occupational Disease Rate	Rate	0	0	0
Total Injury Severity Rate	Rate	8.11	148.86	187.16
Total Occupational Health and Safety Training Hours	Number	156,690	103,339	82,686

Explanatory Note

¹⁴Centerra's Total Reportable Injury Rate metric uses three metrics in the calculation: Lost Time Injuries, Restricted Work Injuries and Medical Aid Injuries. Centerra's Total Injury Severity Rate uses two metrics in this calculation: "Total Lost Days" and "Total Restricted Work Days".

Centerra's Incident Reporting Standards requires that when a fatality occurs at a site / project, a penalty of 6,000 lost days is automatically charged to the site / project. This applies to the "Total Lost Days" and the "Total Injury Severity Rate" calculation.

The Injury Rate is calculated using the 200,000 person-hour normalization factor.

In previous reporting years, Centerra reported Lost Day Rates. The rates reported were representative of Total Injury Severity Rates and as such, this metric has been more appropriately renamed in this report. This revision is reflected in Table 15.

¹⁵The Total Occupational Disease Cases and Occupational Disease Rate only reflects data from the Kyrgyz Republic and does not reflect data from any other reporting jurisdiction.

WINNING AS A TEAM WORKPLACE PRACTICES

Table 17 **CENTERRA'S TOTAL WORKFORCE**¹⁶

	2018	2017	2016
DIRECT EMPLOYEES (EXCLUDING CONTRACTORS)			
Men	3,141	2,872	3,023
Women	456	376	481
TOTAL DIRECT EMPLOYEES	3,597	3,248	3,504
CONTRACTORS			
Men	1,656	946	1,031
Women	51	13	73
TOTAL CONTRACTORS	1,707	959	1,104
Total Workforce (Including Contractors)	5,304	4,207	4,608

Table 18 **EMPLOYEE DEMOGRAPHICS: MANAGEMENT VS. NON-MANAGEMENT**¹⁶

	2018	2017	2016
EMPLOYEES IN MANAGEMENT POSITIONS			
Men	190	180	230
Women	33	40	52
TOTAL EMPLOYEES IN MANAGEMENT POSITIONS	223	220	282
EMPLOYEES IN NON-MANAGEMENT POSITIONS			
Men	2,951	2,692	2,762
Women	423	336	419
TOTAL EMPLOYEES IN NON-MANAGEMENT POSITIONS	3,374	3,028	3,181
Total Employees	3,597	3,248	3,463

Explanatory Note

¹⁶Following internal review in 2019, 2017 reported figures for total workforce, number of employees in management positions and number of employees in non-management positions have been revised for accuracy. The 2017 figures have been updated in Table 17 and 18.

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Table 19 **EMPLOYEE DEMOGRAPHICS: EXPATS**

	2018	2017	2016
Men	56	69	74
Women	1	0	0
TOTAL	57	69	74

Table 20 **EMPLOYEE DEMOGRAPHICS: PARENTAL LEAVE**
GRI: 401-3

	2018	2017	2016
EMPLOYEES ON PARENTAL LEAVE			
Men	3	0	2
Women	31	12	10
TOTAL EMPLOYEES ON PARENTAL LEAVE	34	12	12
EMPLOYEES RETURNING FROM PARENTAL LEAVE			
Men	2	2	3
Women	8	14	20
TOTAL EMPLOYEES RETURNING FROM PARENTAL LEAVE	10	16	23

Table 21 **EMPLOYEE DEMOGRAPHICS: TRAINING**
GRI: 404-1, 404-2, 404-3

		CENTERRA GOLD		
	Unit	2018	2017	2016
Total Training Hours	Person Hours	211,691	171,845	97,198
Training Hours per Employee	Hours	40	48	21
Employees Received Annual Performance Review	Number	3,229	2,596	2,553
Rate of Employees Received Annual Performance Review	%	97	75.25	54.55

**WE WELCOME YOUR
COMMENTS AND SUGGESTIONS
ON HOW WE CAN FURTHER
IMPROVE OUR SUSTAINABILITY
REPORTING AND PRACTICES.**

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