Key Performance Data

Economic (in \$ millions, unless otherwise stated)	2021	2020) 2019	2018	2017
Direct economic value generated and distributed					
Profit (loss) before tax	\$ (217.4)	\$ (144.6	5) \$ (452.8)	\$ 170.8	\$ 198.7
Revenues	\$ (59.9)	\$ 1,088.7	7 \$ 1,237.4	\$ 1,472.3	\$ 1,362.6
Operating costs					
Canada	706.2	450.0	448.3	458.5	439.0
US	39.4	6.7	1 29.7	1.8	0.5
Peru	379.9	311.3	375.9	374.7	297.7
Chile	0.3	0.3	5.5	5.8	3.9
Total	\$ 1,125.8	\$ 767.7	\$ 859.4	\$ 840.8	\$ 741.1
Employee wages and benefits					
Canada	183.1	168.2	2 150.8	161.3	174.0
US	5.5	4.0	5.9	6.2	5.7
Peru	60.8	50.6	5 45.4	47.3	41.8
Chile	0.0	0.0	0.0	0.0	0.0
Total	\$ 249.4	\$ 222.8	\$ 202.1	\$ 214.8	\$ 221.5
Payments to government					
Taxes paid					
Canada	2.7	2.2	5.8	9.6	9.1
US	0.1	0.0	0.0	0.2	0.2
Peru	28.0	24.7	1 32.9	47.6	23.5
Chile	0.0	0.0	0.0	0.0	0.0
Total	\$ 30.8	\$ 26.3	3 \$ 38.7	\$ 57.4	\$ 32.8

Economic (in \$ millions, unless otherwise stated)	202		2020		2019	2018	2017
Municipal taxes and grants							
Canada	14.4	ļ	10.9		6.6	5.7	6.9
US	0.3	3	0.2		0.0	0.0	0.1
Peru	12.2	2	10.5		9.7	2.9	3.5
Chile	0.0)	0.0		0.0	0.0	0.0
Total	\$ 30.8	\$	21.6	\$	16.3	\$ 8.6	\$ 10.5
Penalties and interest paid	,			.,			
Canada	0.0)	0.0		0.0	0.0	0.0
US	0.0)	0.0		0.0	0.0	0.0
Peru	0.0)	0.1		2.1	0.0	0.4
Chile	0.0)	0.0		0.0	0.0	0.0
Total	\$ 0.0	\$	0.1	\$	2.1	\$ 0.0	\$ 0.4
Payments to providers of capital				.,			
Dividends paid	\$ 4.	\$	3.8	\$	3.9	\$ 4.0	\$ 3.7
Interest payments made to providers of loans	\$ 84.4	\$	81.5	\$	74.8	\$ 74.8	\$ 52.7
Financing fees paid							
Canada	8.9	5	4.7		1.7	3.6	6.6
Peru	11.3	2	11.5		24.4	17.0	20.0
Total	\$ 19.0	\$	16.2	\$	26.1	\$ 20.6	\$ 26.6
Capital expenditures – cash flow basis	\$ 377.4	\$	361.2	\$	259.2	\$ 190.9	\$ 249.8
Payments – local communities for land use (in \$000s)							
Canada	3.	I	0.0		0.0	0.0	0.0
US	0.0)	0.0		0.0	0.0	0.0
Peru	26,195.0	9	8,322.0		3,355.0	1,062.0	2,149.0
Total land use payments	\$ 26,198.	\$ 9	8,322.0	\$	3,355.0	\$ 1,062.0	\$ 2,149.0

Economic (in \$ millions, unless otherwise stated)	2021	2020	2019	2018	2017
Public benefit					
Community investments and charitable donations (in \$000s)					
Canada	702.8	552.3	373.8	395.6	287.5
US	94.5	93.0	162.0	204.5	178.7
Peru	8,480.0	4,633.0	7,572.0	4,499.7	5,941.2
Chile	0.0	0.0	0.0	0.0	0.0
Total community investments and donations ¹	\$ 9,277.3	\$ 5,278.4	\$ 8,107.8	\$ 5,099.8	\$ 6,407.4
Resettlement investment (Peru) (in \$000s)	\$ 43.0	\$ 0.0	\$ 0.0	\$ 130.0	\$ 98.0
Production (contained metal in concentrate)					
Manitoba					
Copper (000 tonnes)	21.7	22.2	23.4	32.4	37.4
Zinc (000 tonnes)	93.5	11.8	119.1	115.6	135.2
Gold (000 ounces)	143.5	112.2	95.0	95.7	91.0
Silver (000 ounces)	1,072.5	1,127.9	1,080.6	1,224.6	113.3
Peru					
Copper (000 tonnes)	77.8	73	113.8	122.2	121.8
Gold (000 ounces)	50.3	12.4	19.7	24.2	17.6
Silver (000 ounces)	1,972.9	1,623.0	2,504.8	2,729.9	2,374.0
Molybdenum (000 ounces)	1.1	1.2	1.3	0.9	0.5
Total					
Copper (000 tonnes)	92.2	95.3	137.2	154.6	159.2
Zinc (000 tonnes)	96.4	118.1	119.1	115.6	135.2
Gold (000 ounces)	168.4	124.6	114.7	119.9	108.6
Silver (000 ounces)	3,045.5	2,750.9	3,585.3	3,954.5	3,487.3
Molybdenum (000 ounces)	1.1	1.2	1.3	0.9	0.5
Metal production					
Zinc (000 tonnes)	89.6 ²	111.6	103.3	102.1	107.9

¹ Political donations are included in this total; however, in accordance with Hudbay policy, political donations were \$0.

² Zinc metal production is the final product made from the zinc metal in concentrate. We neither sold nor bought zinc concentrate in the reporting year.

Employees	2021	2020	2019	2018	2017
Total workforce					
Full-time employees					
Manitoba	1,323	1,392	1,411	1,382	1,332
Corporate	75	76	69	74	70
Arizona	60	28	25	33	35
Peru	787	739	728	690	304
Total full-time employees	2,245	2,235	2,233	2,179	1,741
Employment					
Part-time employees					
Manitoba	34	31	14	13	20
Corporate	0	0	1	0	0
Arizona	0	4	2	2	4
Peru	0	0	0	0	0
Total part-time employees	34	35	17	15	24
Contract (term) employees					
Manitoba	56	51	64	34	19
Corporate	2	1	2	4	2
Arizona	45	1	1	1	1
Peru	139	165	130	165	444
Total contract employees	242	218	197	211	516
Co-op and summer students hired					
Manitoba	26	20	13	27	26
Corporate	0	4	5	3	3
Arizona	3	0	0	3	1
Peru	33	30	23	12	12
Total co-op/summer students	62	54	41	45	42
Employees represented by collective bargaining agreements	1,332	1,389	1,238	1,370	1,313
Percentage of employees represented by trade unions (includes all full-time and part-time employees)	58%	61%	55%	58%	59%

Employees	2021	2020	2019	2018	2017
Operational changes					
Minimum number of weeks provided before operational changes (MBU only)	2	2	2	2	2
Negotiated into collective agreements (MBU only)	Yes	Yes	Yes	Yes	Yes
Number of strikes or lockouts exceeding one week					
Manitoba	0	0	0	0	0
Corporate	N/ap	N/ap	N/ap	N/ap	N/ap
Arizona	N/ap	N/ap	N/ap	N/ap	N/ap
Peru	0	0	0	0	0
Total	0	0	0	0	0
Employee turnover (includes all full-time employees)					
Manitoba	254	179	168	189	192
Corporate	13	10	18	7	8
Arizona	46	10	18	10	8
Peru	81	104	84	108	128
Total	394	303	288	314	336
Employee turnover – age distribution					
<30	29%	21%	18%	25%	20%
30–50	45%	42%	47%	44%	45%
>50	26%	37%	35%	31%	35%
Employee turnover – gender					
Male	80%	82%	79%	76%	79%
Female	20%	18%	21%	24%	21%
Voluntary turnover rate (Hudbay total)	14%	9%	9%	10%	13%
Involuntary turnover rate (Hudbay total)	2%	5%	4%	4%	6%

Employees	2021	2020	2019	2018	2017
New employee hires					
Manitoba	189	172	233	222	220
Corporate	13	8	13	15	13
Arizona	35	16	8	3	6
Peru	112	146	98	227	238
Total	349	342	352	467	477
New hires – age distribution					
<30	45%	36%	39%	35%	39%
30–50	44%	54%	45%	59%	52%
>50	11%	11%	16%	12%	9%
New hires – gender					
Male	68%	80%	78%	81%	81%
Female	32%	20%	22%	19%	19%
Net number of full-time employees added (decreased)					
Canada	(70)	(12)	24	54	16
US	32	3	(8)	(2)	(5)
Peru	48	11	38	386	74
Total	10	2	54	438	85
Senior management from local community	5	5	4	6	5
Number of contractor full-time equivalent staff					
Manitoba	710	456	407	429	284
Peru	2,838	1,774	2,283	1,737	2,780
Arizona	37	14	15	13	9
Person-hours of work (including contractors)					
North America	5,583,816	3,902,648	3,750,575	3,701,855	3,232,379
South America	7,551,957	6,257,428	7,146,600	5,992,125	7,867,939
Total person-hours	13,135,773	10,160,076	10,897,175	9,693,980	11,100,318
Employees receiving regular performance and career development reviews (includes all full-time employees)					
Percentage reviewed	62%	59%	53%	46%	40%

Employees	2021	2020	2019	2018	2017
Hudbay total workforce age distribution (includes all full-time employees)					
<30	16%	16%	17%	17%	15%
30–50	59%	66%	64%	62%	53%
>50	25%	26%	27%	31%	33%
Composition of employees					
Workforce diversity (Includes all full-time employees)					
Female					
Manitoba	19%	18%	16%	15%	15%
Corporate	42%	41%	48%	43%	47%
Arizona	29%	32%	28%	45%	49%
Peru	10%	12%	12%	12%	25%
Total	17%	17%	16%	16%	18%
Percentage of workforce that are female (MBU only)	16%	16%	16%	16%	18%
Percentage of workforce that are Indigenous (MBU only)	16%	15%	15%	15%	14%
Percentage of workforce that are disabled (MBU only)	2%	2%	4%	4%	5%
Percentage of workforce that are visible minorities (MBU only)	7%	5%	6%	6%	6%
Composition of executive management and corporate governance bodies					
Board of Directors (ratio male to female)	2.3:1	2.3:1	2.7:1	2.5:1	2.3:1
Age distribution					
<30	0%	0%	0%	0%	0%
30–50	10%	10%	9%	0%	0%
>50	90%	90%	91%	100%	100%
Executive management (ratio male to female)	6:1	13.0:1	13.0:1	7:1	5:1
Age distribution			-		
<30	0%	0%	0%	0%	0%
30–50	47%	43%	43%	30%	29%
>50	53%	57%	57%	70%	71%

Employees	2021	2020	2019	2018	2017
Ratio of annual compensation of highest paid individual to mean total compensation (includes all full-time employees, and Peru contract employees)					
Canada (MBU, excluding Corporate office)	7.4:1	7.1:1	4.1:1	5.8:1	6.8:1
Canada (including Corporate office)	30.8:1	23.0:1	26.4:1	28.3:1	23.4:1
Peru	16.1:1	14.5:1	17.8:1	19.1:1	19.5:1
US (ABU)	32.5:1	8.8:1	4.4:1	5.5:1	4.8:1
Workforce represented in formal joint management-worker Health and Safety Committees					
Percentage represented	97 %¹	99%	99%	100%	100%
Health and safety performance (per 200,000 hours worked, except where noted)					
Lost time injury (LTI) frequency					
Manitoba	0.6	0.6	0.7	0.9	1.0
Manitoba contractors	0.1	0.2	0.0	0.0	0.7
Peru	0.0	0.1	0.1	0.1	0.1
Peru contractors	0.0	0.0	0.0	0.1	0.0
Arizona	0.0	0.0	0.0	0.0	0.0
Arizona contractors	0.0	0.0	0.0	0.0	0.0
Chile	0.0	0.0	0.0	0.0	N/av
Chile contractors	0.0	0.0	0.0	2.6	N/av
Other North America (not including MBU and ABU)	0.0	0.0	0.0	0.0	0.0
Other North America contractors (not including MBU and ABU)	0.0	0.0	0.0	0.0	0.0
Other South America (not including Peru and Chile)	0.0	0.0	0.0	0.0	0.0
Other South America contractors (not including Peru and Chile)	0.0	0.0	0.0	0.0	0.0
Total	0.2	0.2	0.2	0.3	0.3

¹ Hudbay's Arizona employees are currently not covered because the size of their office does not require it.

Employees	2021	2020	2019	2018	2017
Lost time injury severity (SEV)					
Manitoba	8.8	10.5	5.5	41.3	34.4
Manitoba contractors	826.5 ¹	6.1	0.0	0.0	13.9
Peru	0.0	0.0	9.4	2.5	0.5
Peru contractors	0.2	0.0	1.6	3.3	0.0
Arizona	0.0	0.0	0.0	0.0	0.0
Arizona contractors	0.0	0.0	0.0	0.0	0.0
Chile	0.0	0.0	0.0	0.0	N/av
Chile contractors	0.0	0.0	0.0	178.7	N/av
North America (not including MBU and ABU)	0.0	0.0	0.0	0.0	0.0
North America contractors (not including MBU and ABU)	0.0	0.0	0.0	0.0	0.0
South America (not including Peru)	0.0	0.0	0.0	0.0	0.0
South America contractors (not including Peru)	0.0	0.0	0.0	0.0	0.0
Total	94.9	3.4	4.1	13.1	8.4
Total recordable injury frequency					
Manitoba	2.8	2.7	3.1	3.7	N/av
Manitoba contractors	5.7	3.4	4.3	2.3	N/av
Peru	0.1	0.2	0.3	0.2	N/av
Peru contractors	0.4	0.4	0.3	0.3	N/av
Arizona	5.2	4.2	0.0	0.0	N/av
Arizona contractors	0.0	0.0	0.0	0.0	N/av
Chile	0.0	0.0	0.0	0.0	N/av
Chile contractors	0.0	0.0	4.4	2.6	N/av
North America (not including MBU and ABU)	0.0	0.0	1.3	0.0	N/av
North America contractors (not including MBU and ABU)	0.0	0.0	0.0	0.0	N/av
South America (not including Peru)	0.0	0.0	0.0	0.0	N/av
South America contractors (not including Peru)	0.0	0.0	0.0	0.0	N/av
Total	1.4	1.3	1.3	1.3	N/av

¹ Our lost time injury severity in the business unit increased from 2020 to 2021 due to the convention of recording 6,000 days lost in the case of the fatality that occurred in June 2021 at our Lalor operation.

Employees	2021	2020	2019	2018	2017
First aid (FA) frequency					
Manitoba	14.0	18.1	20.8	28.9	16.8
Manitoba contractors	14.5	12.6	16.6	8.7	2.4
Peru	0.2	0.2	0.4	1.0	0.9
Peru contractors	0.8	0.8	0.9	1.3	0.7
Arizona	2.6	0.0	3.4	0.0	0.0
Arizona contractors	1.2	0.0	12.5	0.0	10.5
Chile	0.0	0.0	0.0	0.0	N/av
Chile contractors	0.0	0.0	0.0	0.0	N/av
North America (not including MBU and ABU)	0.0	0.0	0.0	1.4	0.0
North America contractors (not including MBU and ABU)	0.0	0.0	0.0	0.0	0.0
South America (not including Peru)	0.0	0.0	0.0	0.0	0.0
South America contractors (not including Peru)	0.0	0.0	0.0	0.0	0.0
Total	4.9	6.4	6.9	8.6	4.3
Fatality	11	0	0	0	0
Absentee rate (as a percentage of hours scheduled to be worked)	N/av	N/av	N/av	N/av	N/av
Reportable occurrences (defined as EHS incidents required by Hudbay policy to be reported to our Board of Directors)	61	57	81	79	56

¹ Tragically, in June 2021 there was a fatal incident at our Lalor underground mine in Manitoba. The incident, a fall from height, occurred during underground mining operations. More information about this incident and the actions following can be found in Fall-from-Heights Incidents Bring Greater Attention to Fatality Risks.

	Corporate	MBU		Peru		ABU	
Benefits 2021	Full time	Full time	Part time	Full time	Part time	Full time	Part time
Life insurance	Yes	Yes	Yes	Yes	N/ap	Yes	No
Health care	Yes	Yes	Yes	Yes	N/ap	Yes	No
Disability and invalidity coverage	Yes	Yes	No	Yes	N/ap	Yes	No
Parental leave	Yes	Yes	No	Yes	N/ap	Yes	No
Retirement provision	Yes	Yes	No	Yes	N/ap	Yes (401k)	No
Stock ownership	Yes	Yes	No	Yes	N/ap	Yes	No
Other – critical illness insurance	Yes	Management only	No	Yes	N/ap	No	No
Other – accidental death and dismemberment insurance	Yes	Yes	No	Yes	N/ap	Yes	No

Society	2021	2020	2019	2018	2017
Total number of incidents of discrimination (and actions taken)	0	0	0	1	0
Land use disputes	2	0	1	1	2
Resettlements					
Number of households (Peru only)	0	0	0	0	0
Number of individuals (Peru only)	0	0	0	0	0
Employees trained in anti-corruption policies					
Number – employees	894	1,193	1,245	1,064	952
Percentage of workforce	40%1	53%	56%	49%	55%
Percentage of management	100%	100%	100%	100%	100%
Employees that anti-corruption policies have been communicated to					
Number – management	354	546	562	564	580
Percentage	58%	90%	92%	100%	100%
Number – non-management	640	1,809	1,810	1,840	1,649
Percentage	35%	98%	99%	100%	100%
Number and percentage of operations assessed for corruption risks					
Number – operations	4	4	4	4	4
Percentage	100%	100%	100%	100%	100%
Governance body members that anti-corruption policies have been communicated to					
Number	10	10	9	10	10
Percentage	100%	100%	100%	100%	100%
Governance body members that received training on anti-corruption					
Number	10 ²	10	9	10	10
Percentage	100%	100%	100%	100%	100%

¹ Hudbay's anti-corruption training varies from year to year. On an annual basis, all directors, officers and employees with Hudbay email addresses, accounting for 40% of our workforce this year, are required to read and sign off on our compliance policies (including our Whistleblower Policy, Code of Business Conduct and Ethics, and Statement of Anti-Corruption).

² Board directors are required to complete the same annual certification process as our employees with respect to our key compliance policies. In addition, our directors are encouraged to attend third-party educational programs, particularly with the Institute of Corporate Directors, where they have access to educational materials and are invited to training seminars throughout the year. For more information, see our Management Information Circular.

Society	2021	2020	2019	2018	2017
Average hours of training (Peru and Arizona business units only)					
Males in management	26.43	26.97	32.35	65.69	60.70
Females in management	0.70	1.37	20.00	75.73	65.98
Males in non-management	0.96	52.37	42.92	118.09	100.09
Females in non-management	3.04	48.53	20.14	113.48	85.82
Average spend (DJSI)	\$208	\$466	\$466	\$208	\$362
Security practices (security personnel training)					
Hudbay security personnel trained in human rights policies and procedures					
Number	16	21	16	15	15
Percentage	89%	100%	100%	100%	100%
Contractor security personnel trained in human rights policies and procedures					
Number	129	125	116	135	124
Percentage	100%	100%	100%	98%	98%
Value of fines or sanctions for non-compliance with laws and regulations	\$0	\$0	\$0	\$0	\$0
Grievances about impacts on society					
Number filed through formal grievance mechanisms	55	64	78	15	20
Number addressed during reporting period	55	64	9	15	20
Number resolved during reporting period	46	53	69	1	12
Number filed prior to the reporting period that were resolved during the reporting period	0	0	6	8	8
Number of other concerns					
Environment	3	7	5	0	4
Labour and commercial practices	132	151	152	104	113
Resettlement/livelihood	1	9	4	0	2
Human rights	1	1	1	0	1
Other	48	26	25	4	1

Society	2021	2020	2019	2018	2017
Closure plans					
Identify total number of operations	6	4	4	4	5
Number of company operations that have closure plans	6	4	4	4	5
Percentage of total operations with closure plans	100%	100%	100%	1	1
Number of advanced exploration projects that have closure plans	4	2	3	2	1
Percentage of advanced exploration projects that have closure plans	100%	100%	100%	1	1
Overall financial provision representing the present value of future cash flows relating to estimated closure costs per Canadian Generally Accepted Accounting Principles (000s)	\$467,800	\$343,132	\$302,116	\$202,024	\$200,000
Report whether operations have implemented local community engagement, impact assessments and development programs in line with the Stakeholder Engagement Standard			-		
Manitoba	Yes	Yes	Yes	Yes	Partially
Arizona	Yes	Yes	Yes	Yes	Yes
Peru	Yes	Yes	Yes	Yes	Yes
Chile	Yes	Yes	Yes	Yes	Yes
Report whether operations are taking place in or adjacent to Indigenous peoples' territories					
Manitoba	Yes	Yes	Yes	Yes	Yes
Arizona	Yes	Yes	Yes	Yes	Yes
Peru	Yes	Yes	Yes	Yes	Yes
Chile	N/ap	N/ap	Yes	Yes	Yes
Artisanal/small-scale and informal mining					
Manitoba	No artisanal/ small-scale or informal mining				
Arizona	No artisanal/ small-scale or informal mining				
Peru	Yes ¹	Yes	Yes	Yes	Yes
Chile	Yes ²	Yes	Yes	Yes	Yes

¹ Economic compensation has been negotiated with the informal miners who carry out mining activities within the area of the Pampacancha Pit.

² Artisanal mining continues to be active adjacent to the Trilco camp.

Environment	2021	2020	2019	2018	2017
Direct energy consumption by primary energy source (terajoules)					
Propane	544	624	615	793	629
Diesel	1,815	1,393	1,794	1,778	2,019
Gasoline	19	15	15	15	16
Other	0	0	0	0	0
Total	2,378	2,031	2,424	2,586	2,664
Direct energy consumption by business unit (terajoules)		·			
Manitoba	760	846	844	1,095	950
Peru	1,618	1,185	1,579	1,485	1,710
Indirect energy consumption by business unit (terajoules)					
Manitoba	3,222	3,422	3,381	3,289	3,372
Peru	2,555	2,300	2,523	2,530	2,279
Total electricity consumed	5,777	5,722	5,905	5,820	5,652
Indirect energy sold/credits (terajoules)					
Electricity	0.00	0.00	0.84	0.42	0.47
Total indirect energy consumed by organization	5,777	5,722	5,904	5,819	5,652
Energy intensity (terajoules per kilotonne of metal in concentrate and cast zinc)	29	24	23	23	21
Total direct and indirect greenhouse gas emissions (kilotonnes of CO ₂ equivalent)					
Direct CO ₂ e emissions					
Manitoba	48	53	53	69	60
Peru	130	92	110	103	119
Total direct CO₂e emissions	178	144	161	170	177
Indirect CO ₂ e emissions					
Manitoba	3	3	3	3	3
Peru	123	132	139	140	141
Total indirect CO ₂ e emissions	126	135	142	143	144
Total	304	279	444	456	465

Environment	2021	2020	2019	2018	2017
GHG intensity (tonnes of GHG emissions per kilotonne of metal in concentrate)	1.86	1.30	3.12	3.08	2.70
NO _x , SO _x and other significant air emissions (in kilotonnes)					
NO_{x} , SO_{x}					
MBU	0.00	0.00	0.00	0.00	0.00
Peru	0.00	0.00	0.00	0.00	0.00
Arizona	0.00	0.00	0.00	0.00	0.00
Total	0.001	0.00	0.00	0.00	0.00
Particulate				·	
MBU	0.69	0.43	0.65	0.54	0.62
Peru	0.00	N/av	N/av	N/av	N/av
Arizona	0.00	0.00	0.00	0.00	0.00
Total	0.69 ²	0.43	0.65	0.54	0.62
Total water withdrawal (000 cubic metres)					
Surface water	11,478	12,093	12,693	13,770	11,058
Groundwater	4,704	4,540	4,144	4,155	2,747
Rainwater collected directly and stored by the organization	8,479	7,705	5,093	6,193	10,242
Waste water from another organization	0.00	0.00	0.00	0.00	0.00
Municipal water supplies	0.20	0.08	0.14	0.01	0.00
Total water withdrawal	24,661	24,338	21,930	24,118	24,047
Percentage and total volume of water recycled and reused					
Total volume (000 cubic metres)	63,224	61,283	75,088	65,698	53,474
Percentage	256%	252%	342%	272%	222%

¹ We have had zero SO_X emissions from stationary sources since we closed the smelter in Manitoba in 2010.

² In Manitoba, we collect and report on fugitive dust. Collection and reporting at the same level of detail is not required in Peru. Ambient monitoring is conducted and confirmed to be in compliance with regulatory requirements, but total particulate release data is not collected.

Environment	2021	2020	2019	2018	2017
Total water discharged (000 cubic metres)					
To Flin Flon Creek/Ross Lake/Schist Lake	11,521	14,342	12,501	15,897	13,941
To Anderson Creek/Wekusko Lake	1,685	4,370	4,384	4,384	9,067
To Woosey Creek/Morgan Lake	1,462	1,824	1,670	1,670	1,788
Namew Lake	40	35	30	30	30
Herblet Lake	473	576	595	5	784
To ground	0	0	0	181	297
To Chilloroya River (Peru)	2,445	1,981	862	1,358	294
Total water discharged	17,627 ¹	23,128	20,041	23,526	52,401
Total number of significant spills ²	0	1	0	0	3
Volume (liquid) (m³)	0	50	0	0	286
Volume (solid) (tonnes)	0	0	0	0	120
Hazardous waste disposed of at external facility (tonnes)	660	468	926	1,166	1,944
Total amounts of waste (tonnes)					
Overburden	299,498	65,738	256,454	258,288	1,302,405
Waste rock	35,408,474	23,992,684	37,005,883	37,055,344	32,432,669
Tailings	31,694,502	28,044,090	33,211,879	32,457,474	30,545,163
Total amounts of waste recycled (tonnes)					
Waste rock used as backfill	0	2,770	19,530	157,622	90,900
Waste rock used for tailings structures	6,783,750	9,385,125	10,508,423	13,098,446	12,750,897
Tailings used for backfill	726,428	688,613	738,743	564,212	467,098
Total	7,510,178	10,076,508	11,266,696	13,820,280	13,308,895
Number of fines or sanctions for non-compliance with environmental laws and regulations	2	0	6	0	0

¹ All discharged water is treated according to regulatory water quality requirements prior to discharge.

² We define a significant spill as anything that causes a moderate or higher impact on the physical or biological environment, which may include limited impairment of ecosystem function, impact to surface or groundwater, or impact to drinking water supply.

Environment	2021	2020	2019	2018	2017
Land use (hectares) – mineral tenure (sub-surface rights)					
Manitoba and Saskatchewan	505,908	603,506	518,030	241,810	121,241
Yukon	0	0	0	0	583
Nunavut	21	21	21	21	21
Total Canada	505,908	603,527	518,051	241,831	121,846
Arizona	12,465	11,532	7,284	7,284	7,284
Nevada	14,578	14,394	0	0	0
New Mexico	1,917	1,917	0	0	0
Total USA	28,960	16,311	0	7,284	7,284
Chile	1,531	1,531	1,531	263,900	263,900
Peru	9,462	160,754	139,496	99,736	99,736
Total South/Central America	9,462	162,285	141,027	363,636	363,636
Total	515,371	782,123	659,078	612,751	492,765
Land use (hectares) – surface tenure (controlled land)					
Manitoba and Saskatchewan	7,724	7,718	7,711	7,647	7,314
Yukon	0	0	0	0	120
Nunavut	0	0	0	0	0
Total Canada	7,724	7,718	7,711	7,647	7,434
Arizona	4,239	3,249	0	0	0
Nevada	108	86	0	0	0
New Mexico	0	0	0	0	0
Total USA	4,347	3,335	0	0	0
Chile	0	0	0	0	0
Peru	1,620	1,620	1,591	1,524	1,518
Total South/Central America	1,620	1,620	1,591	1,524	1,518
Total	9,344	9,338	9,302	9,172	8,952

Environment	2021	2020	2019	2018	2017
Sites requiring biodiversity management plans					
Number of sites legally requiring plans	2	2	2	2	2
Percentage of sites with legally required plans in place	100%	100%	100%	100%	100%
Number of sites with voluntary plans in place	2	1	1	1	1
Habitats protected or restored (hectares)					
Protected	01	0	0	0	0
Restored	107	84	25	1	0
Partnerships exist	No	No	Yes	Yes	Yes
Status at close of reporting period	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
IUCN Red List species and National Conservation List species					
Critically endangered	2	2	3	3	2
Endangered	11	6	6	5	2
Vulnerable	26	26	29	25	19
Near threatened	16	24	24	22	12
Least concern	351	342	388	89	4

¹ Forested areas and wetlands are located in Grass River and Clearwater Lake Provincial Parks in Manitoba, where we have mineral but no surface rights.