

# SUSTAINABILITY PERFORMANCE DATA TABLES 2019

## ECONOMIC VALUE GENERATED AND DISTRIBUTED BY REGION (US\$)

GRI 201-1	Guanajuato	Topia	Peru	Brazil	Vancouver	Total
<b>Direct economic value generated</b>	<b>23,542,732</b>	<b>21,713,314</b>		<b>153,396,750</b>		<b>198,652,797</b>
Revenue	23,542,732	21,713,314		153,396,750		198,652,797
<b>Economic value distributed</b>	<b>24,879,598</b>	<b>21,468,810</b>	<b>2,825,390</b>	<b>170,328,186</b>	<b>8,554,752</b>	<b>228,056,735</b>
Operative expenses	18,131,591	17,986,452		120,662,000	6,226,902	163,006,945
Salaries and benefits	3,366,823	1,296,977	2,182,721	23,897,923	2,285,886	33,030,329
Payments to providers of capital				2,517,000		2,517,000
Payments to governments (taxes in Mexico)	2,647,639	1,423,308				4,070,947
Payments to governments (taxes in Peru)			119,326			119,326
Payments to governments (taxes in Brazil)				16,272,727		16,272,727
Payments to government as part of salary taxes (in Mexico)	514,833	549,919				1,064,752
Payments to government as part of salary taxes (in Peru)			133,842			133,842
Payments to government as part of salary taxes (in Brazil)				6,796,180		6,796,180
Payments to government as part of salary taxes (in Canada)					41,200	41,200
Land use payments	160,981	163,372	332,300			656,653
Community investments	57,731	48,782	57,200	182,355	764	346,833
<b>Economic value retained</b>	<b>(1,336,866)</b>	<b>244,504</b>	<b>(2,825,390)</b>	<b>(16,931,436)</b>	<b>(8,554,752)</b>	<b>(29,403,939)</b>

## COMMUNITY INVESTMENT (US\$)

GRI 413-1	Guanajuato	Topia	Peru	Brazil	Vancouver	Total
<b>Total community investment</b>	<b>57,731</b>	<b>48,782</b>	<b>83,253</b>	<b>182,355</b>	<b>764</b>	<b>372,886</b>
Natural and cultural heritage	12,130	5,853	27,000	-	-	44,983
Socio economic development	36,774	32,274	6,000	182,355	764	258,166
Infrastructure	8,828	10,655	50,253	-	-	69,736

## INDIRECT ECONOMIC IMPACT (US\$)

GRI 203-1	Guanajuato	Topia	Peru	Brazil	Vancouver	Total
Investment in infrastructure and services supported				837,012		837,012

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### PROCUREMENT PRACTICES (US\$)

GRI 202-1	Guanajuato	Topia	Peru	Brazil	Total
<b>Total procurement</b>	<b>4,379,896</b>	<b>3,109,310</b>	<b>5,340,879</b>	<b>169,935,197</b>	<b>182,765,281</b>
Procurement from the state where the mine operates	1,719,774	2,405,903	137,205	115,556,151	119,819,033
Procurement from the country where the mine operates	2,657,186	634,586	5,200,472	43,872,256	52,364,500
International procurement	2,936	68,821	3,202	10,506,790	10,581,749
Percentage of local procurement (State and country)	99.9%	97.8%	99.94%	93.8%	94.2%

### WORKFORCE

GRI 102-8	Guanajuato	Topia	Peru	Brazil	Vancouver	Total
<b>Employees* by gender</b>						
<b>Total number of employees</b>	<b>118</b>	<b>152</b>	<b>105</b>	<b>473</b>	<b>21</b>	<b>869</b>
Number of male employees	92	126	99	406	13	736
Number of female employees	26	26	6	67	8	133
Percentage of female representation	22%	17%	6%	14%	38%	15%
<b>Employees by region</b>						
Employees from nearby communities	11	2	16	289	Not applicable	318
Employees from the municipality where the mine operates	66	86	9	0	Not applicable	161
Employees from the state where the mine operates	18	29	0	103	Not applicable	150
Employees from the country where the mine operates	22	35	80	81	Not applicable	218
International employees	1	0	0	0	1	2
Percentage of local hiring (from the country, state, municipality or nearby communities where the mine operates)	99.2%	100%	100%	100%	Not applicable	97.5%
<b>Contractors by gender</b>						
Total number of contractors	488	386	123	1,062	0	2,059
Number of male contractors	441	354	113	1,009	0	1,917
Number of female contractors	47	32	10	53	0	142
Percentage of female representation	10%	8%	8%	5%	Not applicable	7%
<b>Total number of employees and contractors</b>	<b>606</b>	<b>538</b>	<b>228</b>	<b>1,535</b>	<b>21</b>	<b>2,928</b>

\* All employees are full time with permanent contracts.

**SUSTAINABILITY PERFORMANCE DATA TABLES 2019**
**EMPLOYEES COVERED BY COLLECTIVE BARGAINING AGREEMENTS**

<b>GRI 102-41</b>	<b>Guanajuato</b>	<b>Topia</b>	<b>Peru</b>	<b>Brazil</b>	<b>Total</b>
Unionized employees	0	0	0	473	473
Percentage of unionized employees	0	0	0	100	54%

**OPERATIONAL CHANGES**

<b>GRI MM4</b>	<b>Guanajuato</b>	<b>Topia</b>	<b>Peru</b>	<b>Brazil</b>
Number of strikes and lockouts exceeding one week duration	0	0	0	0

**ABSENTEEISM AND TURNOVER**

<b>GRI 401-1</b>	<b>Guanajuato</b>	<b>Topia</b>	<b>Peru</b>	<b>Brazil</b>	<b>Total</b>
Turnover by employees	45.30%	38.06%	Not available	17.89%	27.61%
Voluntary terminations	20.51%	10.32%	Not available	4.74%	8.90%
Involuntary terminations*	24.79%	27.74%	Not available	13.16%	18.71%
Turnover by contractors	Not available	Not available	Not available	Not available	Not available
Absenteeism by employees	1.52%	4.63%	Not available	Not available	3.29%
Absenteeism by contractors	5.55%	5.19%	Not available	Not available	5.40%

**PARENTAL LEAVE**

<b>GRI 401-3</b>	<b>Guanajuato</b>	<b>Topia</b>	<b>Peru</b>	<b>Brazil</b>	<b>Total</b>
Number of employees entitled to take parental leave and returned to work after parental leave	7	11	2	21	41
Female	5	3	0	0	8
Male	2	8	2	21	33

\* The involuntary terminations in Mexico relate to a restructuring process at the beginning of the year, whereas in Tucano they relate to shop-floor personnel who were dismissed for performance issues.

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**TRAINING AND DEVELOPMENT**

<b>GRI 404-1, 403-4</b>	<b>Guanajuato</b>	<b>Topia</b>	<b>Peru</b>	<b>Brazil</b>	<b>Total</b>
<b>Training hours by employees and contractors</b>					
Number of training hours to employees	13,570	2,961	4,614	Not available	21,145
Number of training hours to contractors	27,127	12,363	6,920	Not available	46,410
<b>Total training hours</b>	<b>40,697</b>	<b>15,324</b>	<b>11,534</b>	<b>9,702</b>	<b>77,257</b>
Average hours per employees and contractors	67	28	51	6	26
<b>Training hours by themes</b>					
Safety	18,996	2,348	3,950	Not available	25,293
Environment	453	788	1,960	Not available	3,201
Technical	5,188	1,577	775	Not available	7,540
Rescue brigade	788	7,930	932	Not available	9,650
Personal development	14,466	2,681	179	Not available	17,326
Other	807	-	3,738	Not available	4,545
<b>GRI 404-3</b>					
Percentage of employees that receive a yearly performance evaluation	100%	34%	Not available	5%	100%

**DIVERSITY AND EQUAL OPPORTUNITY**

<b>GRI 405-1</b>	<b>Total</b>
<b>Diversity of Board of Directors by gender</b>	
Percentage female	14%
Percentage male	86%

## SUSTAINABILITY PERFORMANCE DATA TABLES 2019

### DIVERSITY AND EQUAL OPPORTUNITY (CONT'D)

GRI 405-1	Guanajuato	Topia	Peru	Brazil	Vancouver	Total
<b>Leadership per gender</b>						
Total number of people in leadership positions	23	7	7	25	10	72
Total number of females in leadership positions	3	-	-	3	3	9
Total number of males in leadership positions	20	7	7	22	7	63
<b>Leadership per region</b>						
Employees from nearby communities	2	-	0	0	0	2
Employees from the municipality where the mine operates	7	0	0	0	0	7
Employees from the state where the mine operates	1	1	3	2	9	16
Employees from the country where the mine operates	12	6	4	23	0	45
International employees	1	0	0	0	1	2
Percentage of local hiring (from the country, state, municipality or nearby communities where the mine operates)	96%	100%	100%	100%	90%	97%

### HEALTH AND SAFETY

GRI 403-4, 403-9, 403-10	Guanajuato	Topia	Peru	Brazil	Total
<b>Safety indicators*</b>					
Incident rate	1.93	0.79	0.83	0.20	0.78
Severity rate	976.18	50.09	2,575.73	1.55	443.30
Fatalities	1	0	1	0	2
Occupational illness	0	0	0	0	0
Siniestrality rate	1,884.03	39.57	2,129.82	0.31	345.09
<b>Safety participation</b>					
Worker participation, consultation and communication on occupational Health and Safety through committees	100.00%	100.00%	100.00%	98.50% <sup>1</sup>	99.63%

\* Worker includes employees and contractors

<sup>1</sup> Great Panther's employees in our Rio de Janeiro office are currently not covered because the size of their office does not require it.

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## SUSTAINABILITY PERFORMANCE DATA TABLES 2019

### SECURITY PRACTICES

GRI 410-1	Guanajuato	Topia	Peru	Brazil	Total
Number of security employees and/or contractors that received training in Human Rights	42	Not Applicable	24	0	66
Total number of security employees in the security department	42	Not Applicable	24	53	119
Percentage of security employees and/or contractors that received training in Human Rights	100.0%	Not Applicable	100%	0%	55.5%

### ENERGY AND EMISSIONS

GRI 302-1, 302-3	Guanajuato	Topia	Brazil	Total
<b>Energy (GJ)</b>				
Purchased electricity	44,118	67,900	262,868	374,886
Propane	570	-	2,063	2,633
Gasoline (mobile equipment)	700	1,439	1,042	3,181
Diesel (mobile equipment)	29,285	13,346	588,185	630,816
Diesel (generators)	-	3,914	563,170	567,084
Explosives	1,912	1,556	20	3,488
<b>Total energy consumption (GJ)</b>	<b>76,585</b>	<b>88,155</b>	<b>1,417,348</b>	<b>1,582,088</b>
Energy intensity (GJ/ton of material processed)	0.41	1.11	0.56	0.57
GRI 305-1, 305-2	Guanajuato	Topia	Brazil	Total
<b>Emissions</b>				
GHG Direct emissions (Tons of CO <sub>2</sub> e)	2,218	1,360	78,996	82,574
Propane	37	-	133	170
Gasoline (mobile equipment)	48	98	71	217
Diesel (mobile equipment)	2,052	935	41,219	44,206
Diesel (generators)	-	261	37,573	37,834
Explosives	81	66	1	148
GHG indirect emissions (Tons of CO <sub>2</sub> e)	6,458	9,940	59,518	75,916
Purchased electricity	6,458	9,940	59,518	75,916
<b>Total GHG (Tons of CO<sub>2</sub>e)</b>	<b>8,676</b>	<b>11,300</b>	<b>138,514</b>	<b>158,490</b>
GHG intensity (Tons of CO <sub>2</sub> e/tons of material processed)	0.046	0.143	0.05	0.057

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### WATER MANAGEMENT

GRI 303-3, 303-4, 303-5, 306-1	Guanajuato	Topia	Peru	Brazil	Total
Total water use (m <sup>3</sup> )	239,012	289,146	59,109	7,414,464	8,001,731
Total water recycled (m <sup>3</sup> )	185,473	250,000	-	6,305,075	6,740,548
Total water discharges (m <sup>3</sup> )	-	-	533,103	1,109,389	1,642,492
Recycled water rate	78%	86%	Not applicable	85%	84%
Water intensity (m <sup>3</sup> /tons of material processed)	1.274	3.648	Not available	2.941	2.870

### BIODIVERSITY

GRI 304-2, 304-3, 304-4, MMI	Guanajuato	Topia	Peru	Brazil	Total
Total habitats disturbed (ha)	54.22	2.80	-	49.10	106.02
Total habitats protected or restored (ha)	11.95	0.25	0.11	3.07	15.38
Number of trees planted	3,957	3,600	150	1,692	9,399
Survival rate	98%	87%	60%	84%	82%
Number of species in status of protection (by IUCN or others)	2	9	-	6	17

### MATERIALS, TAILINGS AND WASTE PRODUCTION

GRI 301-1	Guanajuato	Topia	Peru	Brazil	Total <sup>1</sup>
Ore processed (tonnes)	187,610	79,257	Not applicable	2,520,981	2,787,848
Silver equivalent ounces <sup>2</sup>	1,517,853	1,785,483	Not applicable	-	3,303,336
Silver production (oz)	590,781	938,581	Not applicable	-	1,529,362
Gold production (oz)	11,588	1,344	Not applicable	105,561	118,493
<b>Gold equivalent production (oz)<sup>3</sup></b>					<b>146,853</b>

1 Consolidated operational results reflect Tucano production for the period following the March 5, 2019 date of acquisition.

2 Silver equivalent ounces were calculated using an 80:1 Ag:Cu ratio, and ratios of 1:0.0636 and 1:0.0818 for the price/ounce of silver to price/pound of lead and zinc, respectively.

3 Gold equivalent ounces were calculated using a 1:80 Au:Ag ratio, and ratios of 1:0.0007950 and 1:0.0010225 for the price/ounce of gold to price/pound of lead and zinc, respectively.

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### WASTE AND EFFLUENTS

GRI 306-2	Guanajuato	Topia	Peru	Brazil	Total
Hazardous waste	65.45	22.86	45.20	394.85	528.36
Non-hazardous waste	69.55	44.44	154.98	370.23	639.20
Solid urban waste	26.43	Not available	Not available	115.99	142.42
<b>Waste (tonnes)</b>	<b>161.43</b>	<b>67.30</b>	<b>200.18</b>	<b>881.07</b>	<b>1,309.98</b>
Hazardous waste intensity	0.00035	0.00029	Not applicable	0.00016	0.00019
Non-hazardous waste intensity	0.00037	0.00056	Not applicable	0.00015	0.00023
Waste rock used inside the mine	285,213.00	47,994.00	483.80	22,624,748.00	22,958,438.80
Waste rock taken outside the mine	36,245.00	15,694.00	-	0.00	51,939.00
<b>Total waste rock generated (tonnes)</b>	<b>321,458.00</b>	<b>63,688.00</b>	<b>483.80</b>	<b>22,624,748.00</b>	<b>23,010,377.80</b>
Tailings (tonnes)	183,806.00	71,124.00	9.34	3,074,014.00	3,328,953.34
<b>GRI 306-3</b>					
Significant spills	-	-	1	-	1

### ENVIRONMENTAL COMPLIANCE

GRI 307-1	Guanajuato	Topia	Peru	Brazil	Total
Environmental fines	-	-	-	-	-
Other fines	-	-	-	-	-
<b>Environmental expenses (US\$)</b>					
Waste management	791,566	23,342	-	641,966	1,456,875
Licenses and permits	-	25,995	209,357	1,616	236,968
Environmental audit	15,177	38,196	-	-	53,373
Training and seminars	-	9,549	-	-	9,549
Monitoring and environmental studies	1,325,806	61,804	1,113,321	16,792	2,517,723
Equipment and materials	489,428	-	57,505	17,193	564,126
<b>TOTAL</b>	<b>2,621,977</b>	<b>158,886</b>	<b>1,380,183</b>	<b>677,568</b>	<b>4,838,614</b>

### CLOSURE PLANS (US\$)

GRI MM10	Consolidated
Cost associated <sup>1</sup>	50,600,000
Number of sites that have closure plans	4

<sup>1</sup> As at December 31, 2019, the Company has a provision of \$50.6 million on its Statement of Financial Position for the estimated present cost of reclamation and remediation expenditures associated with the future closure of its mineral properties, and plant and equipment, at the GMC, Topia, Tucano and Coricancha.