

## Energy Use

12 Months to March 31, 2020

### Energy Use - Actual

Energy Source	Ying	GC	Total
Diesel (m3)	366	141	507
Gasoline (m3)	16	16	32
Carbon (tonnes)	-	-	-
Liquefied Petroleum Gas, LPG (m3)	-	-	-
Ammonium Nitrate, ANFO (tonnes)	1,796	455	2,251
Emulsion (tonnes)	-	-	-
Electricity (MWh)	82,947	27,238	110,185
<b>Converted to Standard Coal (tonnes)</b>	<b>10,880</b>	<b>3,599</b>	<b>14,479</b>

### Energy Use - Gigajoules (GJ)

Energy Source	Ying	GC	Total
Diesel	14,157	5,454	19,611
Gasoline	555	555	1,109
Carbon	-	-	-
Liquefied Petroleum Gas, LPG	-	-	-
Ammonium Nitrate, ANFO	5,566	1,410	6,976
Emulsion	-	-	-
Electricity	298,609	98,056	396,666
<b>Total</b>	<b>318,887</b>	<b>105,475</b>	<b>424,362</b>

Note: The following conversion factors are used for the energy consumption:

	Gigajoules ("GJ")
Diesel (m3)	38.68
Gasoline(m3)	34.66
Ammonium Nitrate, ANFO (tonnes)	3.10
Electricity (MWh)	3.60
Standard Coal (tonnes)	29.31

## Water Use

12 Months to March 31, 2020

### Water Withdrawal

	Ying	GC	Total
<b>Total m<sup>3</sup> water withdrawal</b>			
Mine dewatering	1,353,660	650,535	2,004,195
Ground water <sup>(1)</sup>	-	-	-
Surface water <sup>(2)</sup>	712,105	93,580	805,685
Third party water	-	-	-
<b>Total</b>	<b>2,065,765</b>	<b>744,115</b>	<b>2,809,880</b>

(1) Ground water includes water from wells withdrawing water

(2) Surface water includes water from precipitation and natural lagoons

### Water Discharged and Used

	Ying	GC	Total
Discharged to Surface Water (m <sup>3</sup> )	807,240	333,701	1,140,941
Discharged to Ground Water (m <sup>3</sup> )	-	-	-
Discharged to processing plant or camp (m <sup>3</sup> )	805,195	311,294	1,116,489
Discharged back underground for mining activities (m <sup>3</sup> )	432,630	99,120	531,750
Third-party Water (m <sup>3</sup> )	20,700	-	20,700
<b>Total (m<sup>3</sup>)</b>	<b>2,065,765</b>	<b>744,115</b>	<b>2,809,880</b>

### Water Recycled and Reused

	Ying	GC	Total
Total water used in processing plant (m <sup>3</sup> )	2,237,231	1,604,235	3,841,466
Water discharged to tailings dam (m <sup>3</sup> )	485,903	184,714	670,617
Recycled Process Water (m <sup>3</sup> )	1,751,328	1,419,521	3,170,849
<b>% Recycled Process Water</b>	<b>78%</b>	<b>88%</b>	<b>83%</b>

Note: The percentage of recycled water is calculated by the total recycled water divided by the total water used in mineral processing