

Volcan Compañía Minera S.A.A. and Subsidiaries Management Discussion and Analysis Fourth Quarter 2022

Principal Results:

Consolidated Volcan	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Sales Prices¹									
Zinc (USD/MT)	3,684	3,920	3,299	3,013	3,268	-7.8	3,449	2,981	15.7
Lead (USD/MT)	2,310	2,162	1,959	2,048	2,299	-10.9	2,116	2,207	-4.1
Copper (USD/MT)	9,815	9,325	7,210	7,909	9,096	-13.0	8,434	8,268	2.0
Silver (USD/Oz)	23.8	23.0	19.6	20.9	23.5	-11.1	21.8	25.5	-14.7
Gold (USD/Oz)	1,879	1,885	1,729	1,713	1,799	-4.8	1,822	1,812	0.6
Operating Results									
Mineral treatment ² (thousands MT)	2,085	2,195	2,352	2,365	2,255	5	8,997	8,416	6.9
Zinc Production (thousands FMT)	52.7	52.3	58.4	61.3	60.3	1.7	224.7	220.7	1.8
Lead Production (thousands FMT)	13.6	13.3	13.2	14.8	15.4	-3.9	54.9	55.5	-1.0
Copper Production (thousands FMT)	1.1	0.8	1.2	1.2	1.3	-4.1	4.3	4.7	-8.6
Silver Production (millions Oz)	3.6	3.4	3.6	3.7	3.6	0.7	14.3	15.0	-4.8
Gold Production (thousands Oz)	8.0	5.3	4.2	3.3	7.3	-54.6	20.8	24.3	-14.6
Unit Cost (USD/TM) ³	54.3	54.2	52.6	54.9	53.4	2.8	54.0	52.3	3.1
Total Investments (MM USD)	42.7	57.7	64.2	77.9	70.0	11.3	242.5	181.6	33.6
Financial Results (MM USD)									
Sales before adjustments	263.6	244.8	232.5	228.2	264.5	-13.7	969.1	934.8	3.7
Sales Adjustments	15.8	-31.6	-9.7	7.7	9.9	-22.3	-17.8	2.6	
Settlement of prior period adjustments	6.6	13.8	-17.6	-12.9	2.4		-10.1	10.0	
Adjustments for open positions ⁴	9.2	-45.4	7.8	20.6	12.8	61.6	-7.8	6.2	
Hedging results	0.0	0.0	0.0	0.0	-5.3	-100.0	0.0	-13.6	-100.0
Sales after adjustments	279.4	213.2	222.8	235.9	274.4	-14.0	951.3	937.4	1.5
Net profit before exceptionals	40.7	-6.4	-18.1	0.4	37.7	-99.0	16.6	61.1	-72.8
Exceptional adjustments	-2.6	-5.8	-12.3	-77.3	-16.4	0.0	-98.0	-21.3	361.0
Net profit after exceptionals	38.2	-12.2	-30.4	-76.9	21.3		-81.4	39.9	
EBITDA⁵	125.6	61.3	52.1	59.6	113.9	-47.6	298.6	389.1	-23.2

¹ These prices are the initial billing prices, which are provisional, as the adjustments are made when settlements of prior periods are received from customers.

² Includes treated tons at Oxides Plant.

³ Unit cost does not include infill drilling costs.

⁴ The open commercial positions refer to shipments that don't have final settlements yet, therefore they are exposed to adjustments due to metal prices variations in the future. The financial provisions and sales adjustments reflects the sensitivity to a determined future price curve.

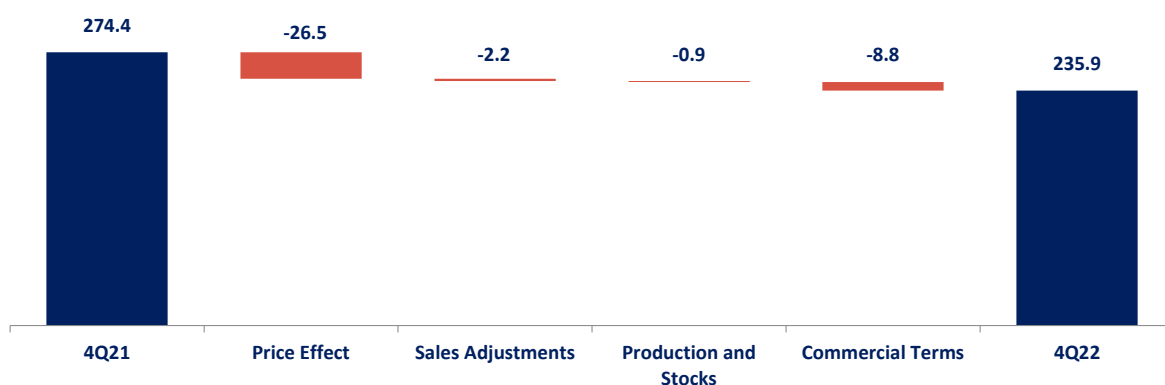
⁵ Does not consider exceptional adjustments

Source: Volcan Cia. Minera

1. Executive Summary

- The Company's sales before adjustments decreased by 13.7%, from USD 264.5 MM in 4Q21 to USD 228.2 MM in 4Q22, mainly explained by lower prices of metals produced by the Company, and less favorable commercial terms in the zinc concentrates international market. Sales adjustments totaled USD 7.7 MM in 4Q22 as compared to USD 9.9 MM in 4Q21, and as a result sales after adjustments decreased by 14.0%, from USD 274.4 MM to USD 235.9 MM as shown in the figure below.

Figure 1: 4Q22 vs 4Q21 variations impact on net sales (USD MM)

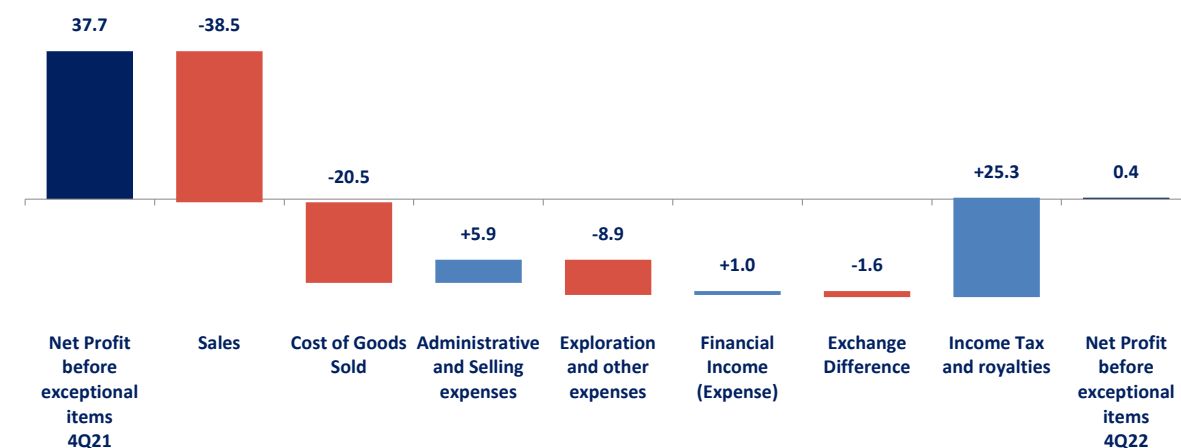


Source: Volcan Cía. Minera

- The price of zinc decreased from 3,268 USD/MT in 4Q21 to 3,013 USD/MT in 4Q22 (7.8%), lead from 2,299 USD/MT to 2,048 USD/MT (10.9%), copper from 9,096 USD/MT to 7,909 USD/MT (13.0%), silver from 23.5 USD/Oz to 20.9 USD/Oz (11.1%), and gold from 1,799 USD/Oz to 1,713 USD/Oz (4.8%).
- Total processed volumes increased by 4.9% due to increased treated ore volumes at Cerro de Pasco and Oxides. The production of fine zinc content increased by 1.7%, from 60.3 thousand FMT in 4Q21 to 61.3 thousand FMT in 4Q22; while the production of silver increased by 0.7%, from 3.6 MM Oz in 4Q21 to 3.7 MM Oz in 4Q22. Meanwhile, lead production decreased by 3.9%, from 15.4 thousand FMT in 4Q21 to 14.8 thousand FMT in 4Q22 and copper production decreased by 4.1%, from 1.3 thousand FMT in 4Q21 to 1.2 thousand FMT in 4Q22. Gold production decreased by 54.6%, from 7.3 thousand Oz in 4Q21 to 3.3 thousand Oz in 4Q22, mainly due to lower grades of the ore processed at the Oxides Plant.
- Consolidated unit cost increased by 2.8%, from 53.4 USD/MT in 4Q21 to 54.9 USD/MT in 4Q22, explained by the inflation that affected the main supplies and services, increased disposal of tailings filtered at Chungar, expenses arising from improvements to the Paragsha plant in Cerro de Pasco, and increased consumption of reagents at the Oxides Plant due to the type of processed ore.
- Profit before exceptional items decreased from USD 37.7 MM in 4Q21 to USD 0.4 MM in 4Q22, mainly due to reduced sales, higher cost of goods sold resulting from greater cost of

production and higher depreciation and amortization, and higher greenfield and brownfield exploration expenses.

Figure 2: 4Q22 vs 4Q21 variations impact on net profit before exceptional items (USD MM)



Source: Volcan Cia. Minera

- Exceptional expenses totaled USD -77.3 MM, mainly related to the impairment of long-term investments in Volcan and Cerro de Pasco, due to higher costs and future investments considered in the assessment. Net profit amounted to USD -76.9 MM in 4Q22 versus USD 21.3 MM in 4Q21.
- EBITDA decreased by 47.6%, from USD 113.9 MM in 4Q21 to USD 59.6 MM in 4Q22, due to the lower operating margin.
- Total investments increased by 12.4%, from USD 70.0 MM in 4Q21 to USD 78.7 MM in 4Q22, mainly due to growth investments related to the Romina project.
- Year-to-date (Jan-Dec), sales after adjustments increased by 1.5%, from USD 937.4 MM in 2021 to USD 951.3 MM in 2022; EBITDA decreased by 23.2%, from USD 389.1 MM in 2021 to USD 298.6 MM in 2022; net profit before exceptional items decreased by 72.8%, from USD 61.1 MM in 2021 to USD 16.6 MM in 2022; and, finally, net profit after exceptional items decreased from USD 39.9 MM in 2021 to USD -81.4 MM in 2022.

2. Consolidated Results

2.1 Production

Table 1: Consolidated Production

Consolidated Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	1,981	2,054	2,092	2,160	2,226	-3.0	8,287	8,450	-1.9
Polymetallic ore	1,755	1,814	1,842	1,918	2,068	-7.2	7,329	7,703	-4.9
Oxides ore	226	241	249	242	159	52.5	958	747	28.3
Mineral treatment (thousands MT)	2,085	2,195	2,352	2,365	2,255	4.9	8,997	8,416	6.9
Concentrator Plants	1,859	1,954	2,102	2,123	2,097	1.3	8,039	7,669	4.8
Silver Oxides Plant	226	241	249	242	159	52.5	958	747	28.3
Fine Content									
Zinc (thousands FMT)	52.7	52.3	58.4	61.3	60.3	1.7	224.7	220.7	1.8
Lead (thousands FMT)	13.6	13.3	13.2	14.8	15.4	-3.9	54.9	55.5	-1.0
Copper (thousands FMT)	1.1	0.8	1.2	1.2	1.3	-4.1	4.3	4.7	-8.6
Silver (millions Oz)	3.6	3.4	3.6	3.7	3.6	0.7	14.3	15.0	-4.8
Gold (thousands Oz)	8.0	5.3	4.2	3.3	7.3	-54.6	20.8	24.3	-14.6

Source: Volcan Cia. Minera

Extracted ore volumes decreased by 3.0%, from 2,226 thousand MT in 4Q21 to 2,160 thousand MT in 4Q22, due to extraction being completed at Alpamarca open pit, which was partially offset by higher extracted volumes at Cerro de Pasco and Oxides. Treated volume increased by 4.9%, from 2,255 thousand MT in 4Q21 to 2,365 thousand MT in 4Q22, due to higher treated volumes at Cerro de Pasco and Oxides.

The production of fine zinc content increased by 1.7%, from 60.3 thousand FMT in 4Q21 to 61.3 thousand FMT in 4Q22; while the production of silver increased by 0.7%, from 3.6 MM Oz in 4Q21 to 3.7 MM Oz in 4Q22. Meanwhile, lead production decreased by 3.9%, from 15.4 thousand FMT in 4Q21 to 14.8 thousand FMT in 4Q22, and copper production decreased by 4.1%, from 1.3 thousand FMT in 4Q21 to 1.2 thousand FMT in 4Q22, mainly due to lower grades of these metals in the ore from stockpiles and old tailings dams processed at Alpamarca concentrator plant. Gold production decreased by 54.6%, from 7.3 thousand Oz in 4Q21 to 3.3 thousand Oz in 4Q22, mainly due to lower grades of the ore processed at the Oxides Plant.

Year-to-date (Jan-Dec), the extraction volume decreased by 1.9% as compared to the same period in the previous year, from 8,450 thousand MT to 8,287 thousand MT. Treated volumes increased by 6.9%, from 8,416 thousand MT to 8,997 thousand MT. With regard to fines, zinc production increased by 1.8%, from 220.7 thousand FMT to 224.7 thousand FMT; lead decreased by 1.0%, from 55.5 thousand FMT to 54.9 thousand FMT; copper decreased by 8.6%, from 4.7 thousand FMT to 4.3 thousand FMT; silver decreased by 4.8%, from 15.0 MM Oz to 14.3 MM Oz; and gold decreased by 14.6%, from 24.3 thousand Oz to 20.8 thousand Oz.

2.2 Cost of Production

Table 2: Consolidated Cost of Production

Consolidated Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Mine Cost	51.8	52.5	54.2	56.3	56.8	-0.9	214.8	209.7	2.4
Plant and Other Cost	61.2	66.2	69.4	74.0	63.4	16.8	270.8	230.4	17.6
Sub total Production Cost (MM USD)	113.0	118.7	123.6	130.3	120.2	8.4	485.6	440.1	10.4
Infill drilling cost	2.9	4.2	3.6	2.0	0.0		12.5	0.0	
Total Production Cost (MM USD)	115.9	122.8	127.2	132.3	120.2	10.1	498.2	440.1	13.2
Unit Cost (USD/MT)									
Mine cost	24.9	24.1	23.0	23.6	25.3	-6.7	23.9	25.0	-4.4
Plant and Other Cost	29.4	30.2	29.5	31.3	28.1	11.4	30.1	27.4	10.0
Sub total Unitary Cost (USD/MT)	54.3	54.2	52.6	54.9	53.4	2.8	54.0	52.3	3.1
Infill drilling cost	1.5	2.0	1.7	0.9	0.0	0.0	1.5	0.0	
Total Unitary Cost (USD/MT)	55.8	56.3	54.3	55.8	53.4	4.5	55.5	52.3	6.0

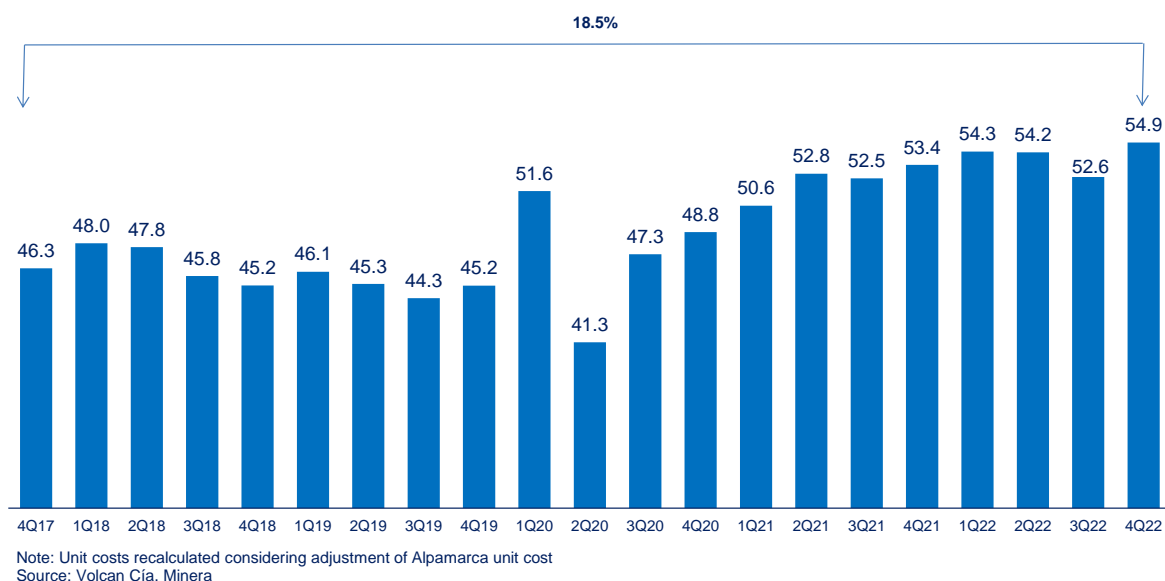
¹ Mine unit cost considers the adjustment of Alparmarca unit cost
Source: Volcan Cia. Minera

Since 2022, infill drilling costs are considered as production costs. Infill drilling is used to increase the certainty of reserves and reduce risk in mining plans. In 4Q22, this cost amounted to USD 2.0 MM. It is important to note that infill drilling used to be recorded as local exploration investment in operating units.

The absolute cost of production, not considering infill drilling, increased by 8.4%, from USD 120.2 MM in 4Q21 to USD 130.3 MM in 4Q22, while unit cost grew by 2.8%, from 53.4 USD/MT in 4Q21 to 54.9 USD/MT in 4Q22. This increase is mainly explained by the inflation that affected the main supplies and services, increased disposal of tailings filtered at Chungar, expenses arising from improvements to the Paragsha plant in Cerro de Pasco, and increased consumption of reagents at the Oxides Plant due to the type of processed ore.

Year-to-date, the absolute cost of production, not considering infill drilling, increased by 10.4%, from USD 440.1 MM to USD 485.6 MM, while unit cost grew by 3.1%, from 52.3 USD/MT to 54.0 USD/MT.

Figure 3: Evolution of the Unit Cost without Infill Drilling (USD/MT) over the last 5 years



2.3 Total Investments

Table 3: Consolidated Investment

Consolidated Investment (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mining	42.7	57.6	64.0	77.0	69.4	11.0	241.3	180.7	33.5
Mining Units	40.9	53.4	61.0	68.8	70.4	-2.3	224.1	177.2	26.4
Local Exploration ¹	1.7	2.5	4.0	2.8	6.4	-55.8	11.0	19.9	-44.4
Development	15.3	22.5	21.9	23.0	18.8	22.1	82.7	59.7	38.5
Plants and Tailings Facilities	10.1	13.2	17.5	21.5	19.8	8.7	62.3	42.2	47.6
Mine and Infrastructure ¹	7.9	9.7	10.9	12.2	11.8	3.6	40.7	32.5	25.2
Electrical Infrastructure in Units	3.4	2.4	3.7	3.4	4.6	-26.8	12.8	7.5	70.7
Support and Others	2.5	3.0	3.1	5.8	8.9	-34.2	14.5	15.4	-6.0
Growth and Others	1.8	4.3	3.0	8.2	-1.0		17.3	3.5	395.1
Energy	0.0	0.0	0.2	0.9	0.5	59.5	1.1	0.8	37.0
Total	42.7	57.7	64.2	77.9	70.0	11.3	242.5	181.6	33.6

¹ Since 2022, local exploration does not include the cost of infill drilling, which becomes part of the production cost 1Q22 USD 2.9 MM, 2Q22 USD 4.2 MM, 3Q USD 3.6 MM, 4Q USD 2.0 MM and in the accumulated USD 12.5 MM.

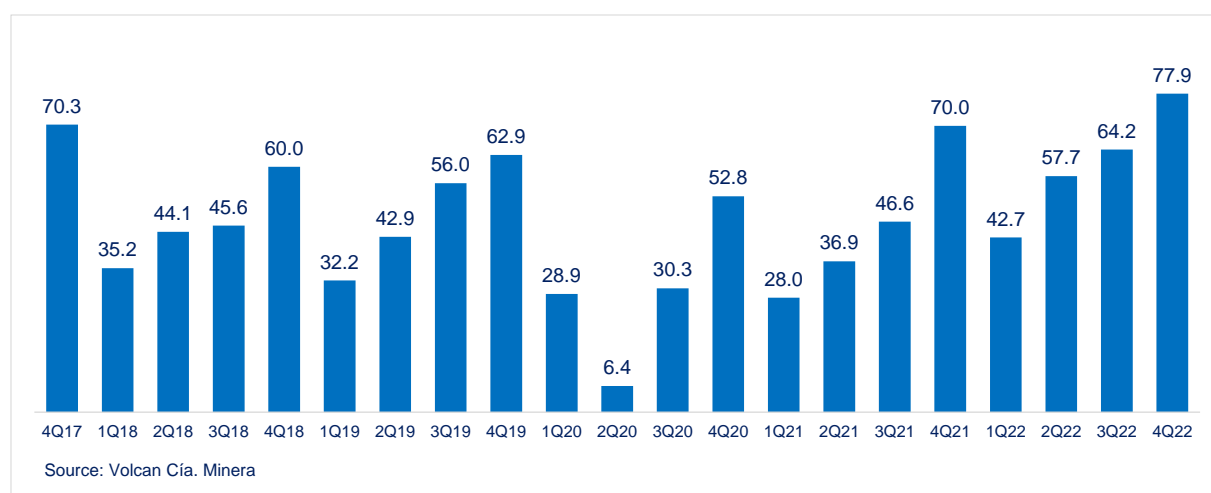
Source: Volcan Cia. Minera

Investments in operating units fell by 2.3%, from USD 70.4 MM in 4Q21 to USD 68.8 MM in 4Q22, mainly due to fewer local explorations—explained by the fact that, since 2022, infill drilling is considered a production cost—and lower investments in support areas, partially offset by greater mine developments, expansion to tailings dams and mine infrastructure.

Growth investments related to the Romina project totaled USD 8.2 MM in 4Q22, and, accordingly, total investments increased by 11.3%, from USD 70.0 MM in 4Q21 to USD 77.9 MM in 4Q22.

Year-to-date (Jan-Dec), total investments increased by 33.6%, from USD 181.6 MM to USD 242.5 MM, mainly due to increased mine developments, tailings dams expansions, and investments in mine and electric infrastructure.

Figure 4: Evolution of consolidated investment over the last 5 years



2.4 Income Statement

Table 4: Income Statement

Income Statement (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Sales before adjustments	263.6	244.8	232.5	228.2	264.5	-13.7	969.1	934.8	3.7
Sett. of prior periods adjustments	6.6	13.8	-17.6	-12.9	2.4	0.0	-10.1	10.0	
Adj. open positions	9.2	-45.4	7.8	20.6	12.8	61.6	-7.8	6.2	
Hedging	0.0	0.0	0.0	0.0	-5.3	-100.0	0.0	-13.6	-100.0
Sales after adjustments	279.4	213.2	222.8	235.9	274.4	-14.0	951.3	937.4	1.5
Cost of Goods Sold	-186.9	-185.1	-191.6	-199.2	-178.6	11.5	-762.7	-656.0	16.3
Gross Profit	92.5	28.2	31.2	36.7	95.8	-61.7	188.5	281.4	-33.0
Gross Margin	33%	13%	14%	16%	35%	-19 pp	20%	30%	-10 pp
Administrative Expenses	-13.3	-6.9	-9.5	-9.0	-15.5	-41.9	-38.7	-44.3	-12.7
Exploration Expenses	-3.7	-4.4	-8.4	-14.1	-5.2	172.8	-30.6	-13.4	129.4
Sales Expenses	-5.4	-5.9	-6.5	-7.0	-6.9	0.8	-24.9	-21.1	17.6
Other income (Expenses) ¹	-0.6	-5.4	-9.7	-4.8	-4.3	12.7	-20.5	-7.7	164.7
Operating Profit	69.4	5.6	-2.9	1.8	63.9	-97.2	73.8	194.8	-62.1
Operating Margin	25%	3%	-1%	1%	23%	-23 pp	8%	21%	-13 pp
Financial income (expense)	-12.2	-6.8	-12.1	-11.9	-12.9	-7.7	-43.0	-60.5	-28.9
Exchange difference (net)	-0.3	-0.3	-0.6	1.3	2.8	-55.2	0.0	-6.5	-100.0
Royalties	-4.2	-4.2	-2.3	-2.9	-3.9	-25.5	-13.5	-14.4	-5.9
Income Tax	-12.1	-0.6	-0.1	12.1	-12.2		-0.6	-52.3	-98.8
Net Profit before Exceptionals	40.7	-6.4	-18.1	0.4	37.7	-99.0	16.6	61.1	-72.8
Net Margin	15%	-3%	-8%	0%	14%	-14 pp	2%	7%	-5 pp
Exceptional adjustments ²	-2.6	-5.8	-12.3	-77.3	-16.4	370.2	-98.0	-21.3	361.0
Net Profit after Exceptionals	38.2	-12.2	-30.4	-76.9	21.3	-40 pp	-81.4	39.9	-13 pp
Net Margin	14%	-6%	-14%	-33%	8%	-40 pp	-0.1	0.0	-13 pp
EBITDA³	125.6	61.3	52.1	59.6	113.9	-47.6	298.6	389.1	-23.2
EBITDA Margin	45%	29%	23%	25%	42%	-16 pp	31%	42%	-10 pp

¹ Includes sales and cost of sales of the energy division

² Long term assets deterioration in Cerro de Pasco

³ Does not consider exceptional adjustments

Source: Volcan Cia. Minera

• Sales Analysis

Table 5: Average Sales Prices

Sales Prices	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Zinc (USD/MT)	3,684	3,920	3,299	3,013	3,268	-7.8	3,449	2,981	15.7
Lead (USD/MT)	2,310	2,162	1,959	2,048	2,299	-10.9	2,116	2,207	-4.1
Copper (USD/MT)	9,815	9,325	7,210	7,909	9,096	-13.0	8,434	8,268	2.0
Silver (USD/Oz)	23.8	23.0	19.6	20.9	23.5	-11.1	21.8	25.5	-14.7
Gold (USD/Oz)	1,879	1,885	1,729	1,713	1,799	-4.8	1,822	1,812	0.6

Source: Volcan Cia. Minera

The prices shown in the table above are initial invoice prices, provisional in nature, and they are adjusted when the final liquidation is received from the clients. Open commercial provisions at the end of each period estimate adjustments on open shipments resulting from future metals prices variations, using a specific forward price curve.

Table 6: Fine Contents Sales Volumes

Fines Sales	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Zinc (thousands FMT)	54.6	49.1	57.1	62.9	61.7	2.0	223.7	221.9	0.8
Lead (thousands FMT)	14.0	13.0	14.7	15.1	15.4	-1.7	56.9	56.2	1.1
Copper (thousands FMT)	1.3	0.9	1.5	1.5	1.3	16.3	5.1	4.5	14.5
Silver (millions Oz)	3.6	3.4	3.7	3.7	3.7	0.1	14.4	15.0	-4.1
Gold (thousands Oz)	8.1	6.2	4.9	3.6	6.9	-48.6	22.7	23.6	-3.9

Source: Volcan Cia. Minera

Table 7: Sales in USD

Sales (millions USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Zinc	144.2	142.4	136.8	128.5	146.6	-12.3	551.9	454.8	21.3
Lead	27.2	22.4	23.1	26.2	29.8	-12.3	98.9	104.4	-5.3
Copper	8.0	4.8	6.8	7.1	8.4	-15.6	26.7	26.6	0.5
Silver	71.2	65.1	59.3	62.1	69.1	-10.3	257.7	312.4	-17.5
Gold	13.6	10.1	6.7	4.3	10.8	-59.8	34.7	36.4	-4.9
Sales before adjustments	263.6	244.8	232.5	228.2	264.5	-13.7	969.1	934.8	3.7
Sett. of prior period adjust.	6.6	13.8	-17.6	-12.9	2.4		-10.1	10.0	
Adjust. for open positions	9.2	-45.4	7.8	20.6	12.8	61.6	-7.8	6.2	
Hedging results	0.0	0.0	0.0	0.0	-5.3	-100.0	0.0	-13.6	-100.0
Sales after adjustments	279.4	213.2	222.8	235.9	274.4	-14.0	951.3	937.4	1.5

Source: Volcan Cia. Minera

The Company's sales before adjustments decreased by 13.7%, from USD 264.5 MM in 4Q21 to USD 228.2 MM in 4Q22, mainly explained by lower prices of metals produced by the Company, and less favorable commercial terms in the zinc concentrates international market. Sales adjustments decreased from USD 9.9 MM in 4Q21 to USD 7.7 MM in 4Q22. In 4Q22, the adjustments included final settlements of USD -12.9 MM, and provisions related to open shipments of USD 20.6 MM. Sales after adjustments decreased by 14.0%, from USD 274.4 MM in 4Q21 to USD 235.9 MM in 4Q22.

Year-to-date (Jan-Dec), sales after adjustments grew by 1.5%, from USD 937.4 MM in 2021 to USD 951.3 MM in 2022.

- Cost of Goods Sold**

Table 8: Cost of Goods Sold

Cost of Goods Sold (millions USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Volcan Production	182.9	183.9	192.2	198.8	177.0	12.3	757.8	652.2	16.2
Volcan Production Cost	115.9	122.8	127.2	132.3	120.2	10.1	498.2	440.1	13.2
D&A from Production Cost	54.8	54.2	53.5	56.3	48.6	15.9	218.9	187.5	16.7
Other expenses	6.7	9.9	10.3	6.9	5.5	25.4	33.8	26.6	27.5
Inventories variation	5.5	-3.1	1.2	3.3	2.7	21.6	6.9	-1.9	166.0
Workers Profit Sharing	4.1	1.1	-0.6	0.4	1.6	-78.0	4.9	3.8	29.5
Total	186.9	185.1	191.6	199.2	178.6	11.5	762.7	656.0	16.3

Source: Volcan Cia. Minera

The total cost of goods sold increased by 11.5%, from USD 178.6 MM in 4Q21 to USD 199.2 MM in 4Q22, mainly due to a higher cost of production, and greater depreciation and amortization, explained by the increase of depreciable assets and higher processed volumes.

Year-to-date (Jan-Dec), the total cost of goods sold increased by 16.3%, from USD 656.0 MM in 2021 to USD 762.7 MM in 2022.

- Gross Margin and Gross Profit**

The Company's gross margin decreased from 35% in 4Q21 to 16% in 4Q22, due to reduced metals prices, higher trade discounts, and higher cost of goods sold. Gross profit decreased from USD 95.8 MM in 4Q21 to USD 36.7 MM in 4Q22.

Year-to-date (Jan-Dec), gross margin decreased from 30% in 2021 to 20% in 2022. Gross profit decreased from USD 281.4 MM in 2021 to USD 188.5 MM in 2022.

- **Administrative Expenses**

Administrative expenses decreased by 41.9%, from USD 15.5 MM in 4Q21 to USD 9.0 MM in 4Q22, mainly explained by lower personnel expenses provisions. Year-to-date (Jan-Dec), the administrative expenses decreased from USD 44.3 MM to USD 38.7 MM.

- **Exploration Expenses**

Exploration expenses increased by 172.8%, from USD 5.2 MM in 4Q21 to USD 14.1 MM in 4Q22, in line with the increased brownfield and greenfield exploration plans of the Company, which yielded positive results. Year-to-date (Jan-Dec), exploration expenses increased from USD 13.4 MM to USD 30.6 MM.

- **Sale expenses**

Sale expenses remained in line with the same period of the previous year, amounting to USD 7.0 MM in 4Q22 versus USD 6.9 MM in 4Q21. Year-to-date (Jan-Dec), sale expenses increased from USD 21.1 MM to USD 24.9 MM, due to higher transportation and freight costs.

- **Other Income and Expenses**

In 4Q22, the net amount of other income and expenses was USD -4.8 MM versus USD -4.3 MM in 4Q21. Year-to-date (Jan-Dec), the net amount of other income and expenses was USD -20.5 MM in 2022 versus USD -7.7 MM in 2021, mainly due to higher expenses to improve standards at non-operative tailings dams and the execution of more closure studies.

It is important to note that the main items reported under this category of the income statement were the energy business, expenses in non-operative units, non-deductible expenses and expenses from previous years, and contributions to OEFA and OSINERGMIN.

- **Financial Expenses and Exchange-Rate Difference**

Net financial expenses decreased by 7.7%, from USD 12.9 MM in 4Q21 to USD 11.9 MM in 4Q22, due to the reduction of the total debt arising from the partial buyback of bonds carried out in June 2022. Year-to-date (Jan-Dec), net financial expenses totaled USD 43.0 MM in 2022, as compared to USD 60.5 MM reported in 2021.

A lower exchange-rate gain totaling USD 1.3 MM was registered in 4Q22, as compared to the USD 2.8 MM reported in 4Q21. Year-to-date (Jan-Dec), the exchange-rate effect in 2022 was zero, as compared to the exchange-rate loss of USD -6.5 MM reported in 2021.

- **Royalties and Income Tax**

Royalties decreased from USD 3.9 MM in 4Q21 to USD 2.9 MM in 4Q22, while income tax increased from USD -12.2 MM in 4Q21 to USD 12.1 MM in 4Q22, due to negative results recorded in the period.

Year-to-date (Jan-Dec), royalties decreased from USD 14.4 MM in 2021 to USD 13.5 MM in 2022, while income tax decreased from USD 52.3 MM in 2021 to USD 0.6 MM in 2022.

▪ Net Profit and EBITDA

Profit before exceptional items decreased from USD 37.7 MM in 4Q21 to USD 0.4 MM in 4Q22, mainly due to lower gross profit in line with lower prices, impairment of commercial terms, higher cost of production and higher depreciation and amortization, and higher greenfield and brownfield exploration expenses.

Exceptional expenses totaled USD -77.3 MM, mainly related to the impairment of long-term investments in Volcan and Cerro de Pasco, due to higher costs and future investments considered in the assessment. Net profit after exceptional items totaled USD -76.9 MM in 4Q22 versus USD 21.3 MM in 4Q21, while EBITDA decreased from USD 113.9 MM in 4Q21 to USD 59.6 MM in 4Q22.

Year-to-date (Jan-Dec), profit before exceptional items decreased from USD 61.1 MM in 2021 to USD 16.6 MM in 2022, net profit after exceptional items decreased from USD 39.9 MM in 2021 to USD -81.4 MM in 2022, and EBITDA decreased from USD 389.1 MM in 2021 to USD 298.6 MM in 2022.

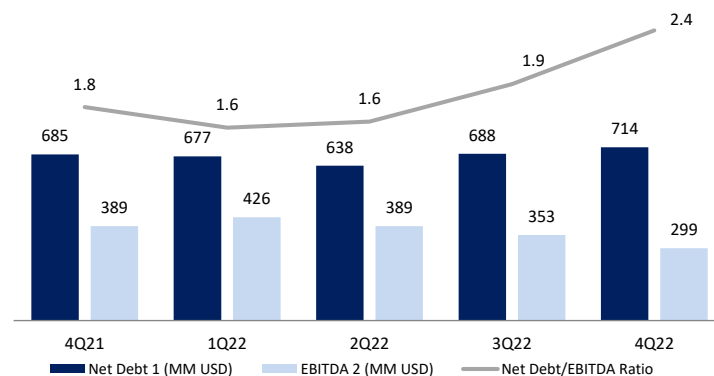
2.5 Liquidity and Creditworthiness

In 4Q22, cash generated by mining operations after investments was negative and totaled USD -9.8 MM, mainly explained by higher executed investments and exploration expenses. Growth investments and net flow of other businesses totaled USD -2.7 MM and the payment of financial obligations and interests amounted to USD -19.7 MM.

Therefore, during 4Q22, the cash flow was USD -32.2 MM, and the cash balance at the end of 4Q22 totaled USD 73.6 MM.

As of December 31, 2022, the net debt/EBITDA ratio was 2.4, higher than the 1.8 ratio recorded in 4Q21, mainly due to the higher net debt resulting from a lower cash balance, and a lower EBITDA resulting from lower metals prices and higher operating expenses.

Figure 5: Net Debt / EBITDA Ratio Evolution



¹ Debt does not include the operating leases fee according to NIIF16 nor the current interest

² Last twelve month EBITDA

Source: Volcan Cia. Minera

3. Results by Operating Unit

3.1 Yauli Unit Operating Results

Table 9: Yauli Production

Yauli Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	690	648	773	802	788	1.8	2,913	2,895	0.6
Mineral treatment (thousands MT)	686	662	768	779	787	-1.1	2,894	2,869	0.9
Fines Content									
Zinc (thousands FMT)	34.2	33.5	39.9	40.3	38.8	4.0	147.9	139.4	6.1
Lead (thousands FMT)	5.8	5.3	5.1	6.0	6.0	0.6	22.3	22.8	-2.5
Copper (thousands FMT)	0.7	0.4	0.8	0.8	0.9	-8.5	2.7	2.9	-6.0
Silver (millions Oz)	1.8	1.6	1.6	1.7	1.9	-11.1	6.7	7.4	-9.9
Gold (thousands Oz)	1.3	1.2	1.3	1.4	1.3	8.1	5.2	5.0	2.8

Source: Volcan Cia. Minera

Ore volumes extracted at the Yauli Unit during 4Q22 grew by 1.8%, as compared to the same quarter of the previous year. Ore treatment decreased by 1.1% as compared to 4Q21, and the production of zinc, lead and gold fines increased by 4.0%, 0.6% and 8.1%, respectively; while the production of copper and silver fines decreased by 8.5% and 11.1%, respectively, due to lower grades of these metals in the processed ore.

Year-to-date (Jan-Dec), ore extraction grew by 0.6%, as compared to the same period in the previous year, while the volume of treated ore grew by 0.9%. The production of zinc and gold fines increased by 6.1% and 2.8%, respectively, while lead, copper and silver production decreased 2.5%, 6.0% and 9.9%, respectively.

Table 10: Yauli Cost of Production

Yauli Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Extraction Cost	31.9	31.3	34.1	35.1	34.8	1.0	132.4	125.4	5.6
Treatment Cost	27.5	27.9	29.6	31.0	30.7	0.9	116.0	108.8	6.6
Sub total Production Cost (MM USD)	59.5	59.2	63.6	66.1	65.5	1.0	248.4	234.2	6.1
Infill drilling cost	1.8	2.6	2.1	1.1	0.0		7.6	0.0	
Total Production Cost (MM USD)	61.3	61.7	65.7	67.2	65.5	2.6	256.0	234.2	9.3
Unit Cost (USD/MT)									
Extraction Cost	46.3	48.3	44.1	43.8	44.1	-0.8	45.4	43.3	4.9
Treatment Cost	40.1	42.1	38.5	39.9	39.0	2.1	40.1	37.9	5.7
Sub total Unitary Cost (USD/MT)	86.4	90.4	82.6	83.6	83.2	0.5	85.5	81.2	5.3
Infill drilling cost	2.7	4.0	2.7	1.3	0.0		2.6	0.0	
Total Unitary Cost (USD/MT)	89.1	94.4	85.3	85.0	83.2	2.1	88.1	81.2	8.5

Source: Volcan Cia. Minera

In 4Q22, the absolute cost of production, not considering infill drilling, increased by 1.0%, from USD 65.5 MM in 2021 to USD 66.1 MM in 2022. This is mainly explained by the rehabilitation of the Victoria tunnel and the inflation affecting services and supplies. The unit cost remained stable, from 83.2 USD/MT in 4Q21 to 83.6 USD/MT in 4Q22.

In 4Q22, infill drilling costs totaled USD 1.1 MM. Infill drilling is used to increase the certainty of reserves and reduce risk in mining plans. This item used to be recorded as an investment in local exploration.

Year-to-date (Jan-Dec), the absolute cost of production, without infill drilling, increased by 6.1%, from USD 234.2 MM to USD 248.4 MM in 2022. The unit cost of production increased by 5.3%, from 81.2 USD/MT to 85.5 USD/MT.

Table 11: Yauli Operating Investments

Yauli Operating Investment (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Local Exploration ¹	0.7	1.1	1.7	2.0	3.8	-47.2	5.6	12.4	-54.7
Mine Development	12.1	18.3	17.9	18.8	15.3	22.7	67.1	46.9	43.0
Plants and Tailings Dams	4.4	7.0	9.9	9.7	6.5	48.5	31.1	19.3	60.8
Mine and Infrastructure	4.3	6.1	6.2	8.1	8.4	-3.1	24.7	22.0	12.0
Electrical Infrastructure	3.2	2.3	3.3	2.9	4.0	-27.3	11.8	6.8	73.9
Support and Others	1.9	2.5	1.7	3.8	6.2	-38.8	9.9	11.1	-11.0
Total	26.7	37.4	40.7	45.3	44.2	2.5	150.1	118.5	26.7

¹ Since 2022 local exploration does not include the cost of infill drilling, which becomes part of the production cost 1Q22 USD 1.8 MM, 2Q22 USD 2.6 MM, 3Q USD 2.1 MM, 4Q USD 1.1 MM and in the accumulated USD 7.6 MM.

Source: Volcan Cia. Minera

Operating investments at Yauli increased by 2.5%, from USD 44.2 MM in 4Q21 to USD 45.3 MM in 4Q22, mainly due to increased mine developments and expansion of tailings dams.

Year-to-date (Jan-Dec), as compared to the previous year, operating investments increased by 26.7%, from USD 118.5 MM to USD 150.1 MM.

3.2 Chungar Unit Operating Results

Table 12: Chungar Production

Chungar Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	274	300	316	335	329	2.0	1,224	1,196	2.4
Mineral treatment (thousands MT)	285	301	320	340	339	0.2	1,246	1,241	0.4
Fines Content									
Zinc (thousands FMT)	10.6	11.0	11.2	13.9	12.3	12.7	46.6	48.9	-4.5
Lead (thousands FMT)	4.5	4.3	4.9	5.8	5.2	11.6	19.4	18.3	6.0
Copper (thousands FMT)	0.3	0.3	0.3	0.4	0.3	15.0	1.3	1.3	1.2
Silver (millions Oz)	0.5	0.4	0.5	0.7	0.6	22.1	2.1	2.3	-11.8
Gold (thousands Oz)	0.5	0.5	0.4	0.5	0.4	29.1	1.8	1.6	18.1

Source: Volcan Cia. Minera

In 4Q22, ore volumes extracted at Chungar increased by 2.0%, and treated ore decreased by 0.2%, as compared to 4Q21. With regard to zinc, lead, copper, silver and gold, production increased by 12.7%, 11.6%, 15.0%, 22.1% and 29.1%, respectively, due to higher grades of the processed ore.

Year-to-date (Jan-Dec), ore extraction grew by 2.4%, as compared to the same period in the previous year, while the volume of treated ore increased by 0.4%. The production of zinc and silver fines decreased by 4.5% and 11.8%, respectively, while lead, copper and gold production increased by 6.0%, 1.2% and 18.1%, respectively.

Table 13: Chungar Cost of Production

Chungar Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Extraction Cost	15.1	16.0	16.5	17.0	16.6	2.1	64.6	62.0	4.2
Treatment Cost	13.3	14.6	15.1	16.2	15.4	4.9	59.1	51.5	14.8
Sub total Production Cost (MM USD)	28.4	30.6	31.6	33.2	32.1	3.5	123.7	113.5	9.0
Infill drilling cost	1.0	1.6	1.5	0.9	0.0		5.0	0.0	
Total Production Cost (MM USD)	29.4	32.2	33.1	34.1	32.1	6.2	128.7	113.5	13.4
Unit Cost (USD/MT)									
Extraction Cost	55.0	53.5	52.4	50.7	50.6	0.1	52.8	51.8	1.8
Treatment Cost	46.8	48.4	47.1	47.6	45.5	4.7	47.5	41.5	14.4
Sub total Unitary Cost (USD/MT)	101.8	101.8	99.5	98.3	96.1	2.3	100.2	93.3	7.4
Infill drilling cost	3.8	5.2	4.7	2.6	0.0		4.1	0.0	
Total Unitary Cost (USD/MT)	105.6	107.0	104.2	100.9	96.1	5.0	104.3	93.3	11.7

Source: Volcan Cia. Minera

The cost of production, not considering infill drilling, increased in absolute terms by 3.5%, from USD 32.1 MM in 4Q21 to USD 33.2 MM in 4Q22, while unit cost grew by 2.3%, from 96.1 USD/MT in 4Q21 to 98.3 USD/MT in 4Q22. This was mainly due to the improved disposal of filtered tailings and the inflation affecting services and supplies.

Year-to-date (Jan-Dec), the absolute cost of production, without infill drilling, increased by 9.0%, as compared to the same period of the previous year, from USD 113.5 MM to USD 123.7 MM. The unit cost of production increased by 7.4%, from 93.3 USD/MT to 100.2 USD/MT.

Table 14: Chungar Operating Investments

Chungar Operating Investment (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Local Exploration ¹	0.5	0.3	0.9	0.8	1.7	-51.7	2.6	4.6	-43.9
Mine Development	3.2	4.2	4.0	4.2	3.5	19.4	15.6	12.8	21.8
Plants and Tailings Dams	1.5	0.8	1.7	1.3	4.3	-69.7	5.3	11.3	-52.9
Mine and Infrastructure	3.1	2.7	4.1	3.7	2.9	28.8	13.6	8.7	55.9
Electrical Infrastructure	0.1	0.1	0.3	0.5	0.7	-23.8	1.0	0.7	33.8
Support and Others	0.4	0.2	1.0	1.6	1.3	21.3	3.1	2.3	31.0
Total	8.7	8.2	12.1	12.1	14.4	-15.7	41.2	40.5	1.6

¹ Since 2022, local exploration does not include the cost of infill drilling, which becomes part of the production cost 1Q22 USD 1 MM, 2Q22 USD 1.6 MM, 3Q USD 1.5 MM, 4Q USD 0.9 MM and in the accumulated USD 5.0 MM.

Source: Volcan Cia. Minera

Operating investments decreased by 15.7%, from USD 14.4 MM in 4Q21 to USD 12.1 MM in 4Q22, due to a reduction in local exploration (infill drilling) and lower investments in tailings dams, partly offset by higher investments in mine equipment and mine developments.

Year-to-date (Jan-Dec), operating investments increased by 1.6%, from USD 40.5 MM to USD 41.2 MM.

3.3 Alparmarca Unit Operating Results

Table 15: Alparmarca Production

Alparmarca Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	130	120	0	0	226	-100.0	250	1,003	-75.0
Mineral treatment (thousands MT)	227	246	261	224	245	-8.7	958	949	1.0
Fines Content									
Zinc (thousands FMT)	1.9	1.5	1.1	1.3	2.5	-47.7	5.8	9.1	-36.5
Lead (thousands FMT)	1.3	1.2	0.7	0.7	1.9	-61.8	4.0	7.1	-43.6
Copper (thousands FMT)	0.1	0.0	0.0	0.1	0.1	-37.2	0.2	0.5	-54.6
Silver (millions Oz)	0.2	0.2	0.2	0.2	0.3	-45.6	0.7	1.5	-53.7

Source: Volcan Cia. Minera

Ore extraction was not performed, due to the suspension of operations at Alparmarca open pit. Treated volumes decreased by 8.7%, from 245 thousand MT in 4Q21 to 224 thousand MT in 4Q22.

Zinc, lead, copper and silver fines production decreased by 47.7%, 61.8%, 37.2%, and 45.6%, respectively, as compared to 4Q21, due to lower grades found in the processed ore from stockpiles and old tailings dams used to replace the ore from the open pit.

Year-to-date (Jan-Dec), ore extraction decreased by 75.0%, as compared to the same period in the previous year, while the volume of treated ore increased by 1.0%. With regard to zinc, lead, copper and silver fines, production decreased by 36.5%, 43.6%, 54.6% and 53.7%, respectively.

Table 16: Alparamarca Cost of Production

Alparamarca Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Extraction Cost	2.2	2.2	0.0	0.0	2.6	-100.0	4.3	9.9	-55.9
Treatment Cost	3.5	3.8	4.8	4.2	3.6	15.4	16.3	14.5	12.9
Sub total Production Cost (MM USD)	5.7	6.0	4.8	4.2	6.2	-32.6	20.7	24.3	-15.0
Unit Cost (USD/MT)									
Extraction cost ¹	9.5	8.9	0.0	0.0	10.6	-100.0	4.5	10.4	-56.4
Treatment Cost	15.6	15.5	18.3	18.7	14.8	26.3	17.0	15.2	11.8
Total Unitary Cost (USD/MT)	25.0	24.4	18.3	18.7	25.4	-26.2	21.6	25.6	-15.9

¹ Mine unit cost adjusted using treatment tonnage
Source: Volcan Cia. Minera

In 4Q22, the absolute cost of production totaled USD 4.2 MM, 32.6% lower than the USD 6.2 MM figure for the same quarter of the previous year, resulting from extraction being suspended at the open pit. The unit cost decreased by 26.2%, from 25.4 USD/MT in 4Q21 to 18.7 USD/MT in 4Q22.

Year-to-date (Jan-Dec), the absolute cost of production decreased by 15.0%, from USD 24.3 MM to USD 20.7 MM, as compared to the same period of the previous year. The unit cost of production decreased by 15.9%, from 25.6 USD/MT to 21.6 USD/MT.

Table 17: Alparamarca Operating Investments

Alparamarca Operating Inv. (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Local Exploration	0.4	0.2	0.0	0.0	0.5	-96.4	0.6	1.1	-45.5
Plants and Tailings Dams	0.3	1.8	1.8	4.6	3.0	54.0	8.5	4.6	86.8
Mine and Infrastructure	0.4	0.3	0.3	0.2	0.4	-44.0	1.2	1.1	8.4
Support and Others	0.0	0.0	0.1	0.1	0.6	-75.1	0.3	0.8	-61.5
Total	1.1	2.3	2.2	5.0	4.5	11.8	10.6	7.5	41.6

Source: Volcan Cia. Minera

Operating investments increased by 11.8%, from USD 4.5 MM in 4Q21 to USD 5.0 MM in 4Q22, mainly due to increased investments to expand the Alparamarca tailings dam.

Year-to-date (Jan-Dec), operating investments increased from USD 7.5 MM in 2021 to USD 10.6 MM in 2022.

3.4 Cerro de Pasco Unit Operating Results

Table 18: Cerro de Pasco Production

Cerro de Pasco Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	660	745	754	781	725	7.7	2,941	2,610	12.7
Mineral treatment (thousands MT)	660	745	754	781	725	7.7	2,941	2,610	12.7
Fines Content									
Zinc (thousands FMT)	6.1	6.4	6.2	5.8	6.8	-14.0	24.5	23.4	4.6
Lead (thousands FMT)	2.0	2.5	2.4	2.2	2.3	-2.2	9.2	7.2	28.0
Silver (millions Oz)	0.3	0.4	0.3	0.3	0.3	1.0	1.3	1.0	31.0

Source: Volcan Cia. Minera

Ore volumes from stockpiles processed at Cerro de Pasco increased by 7.7% from 725 thousand MT in 4Q21 to 781 thousand MT in 4Q22, resulting from a series of improvements performed at the concentrator plant.

In 4Q22, zinc and lead fines production decreased by 14.0% and 2.2%, respectively, as compared to 4Q21, due to lower grades of the processed ore. Meanwhile, silver production increased by 1.0%, as compared to 4Q21.

Year-to-date (Jan-Dec), as compared to the previous year, ore treatment increased by 12.7% in 2022, and zinc, lead and silver fines production increased by 4.6%, 28.0% and 31.0%, respectively.

Table 19: Cerro de Pasco Cost of Production

Cerro de Pasco Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Extraction Cost	1.1	1.2	1.5	2.0	1.2	73.1	5.8	5.5	6.0
Treatment Cost	7.4	8.8	8.4	9.9	7.3	35.4	34.5	27.7	24.7
Sub total Production Cost (MM USD)	8.5	10.0	9.9	12.0	8.5	40.6	40.4	33.2	21.6
Unit Cost (USD/MT)									
Extraction Cost	1.6	1.6	2.0	2.6	1.6	60.7	2.0	2.1	-5.9
Treatment Cost	11.2	11.8	11.2	12.7	10.1	25.7	11.7	10.6	10.6
Total Unitary Cost (USD/MT)	12.9	13.4	13.2	15.3	11.7	30.6	13.7	12.7	7.9

Source: Volcan Cia. Minera

Absolute cost increased by 40.6%, from USD 8.5 MM in 4Q21 to USD 12.0 MM in 4Q22, mainly due to higher processed volumes. Unit cost increased by 30.6%, from 11.7 USD/MT in 4Q21 to 15.3 USD/MT in 4Q22, due to expenses resulting from the improvement of the Paragsha plant and increased prices of reagents and supplies.

Year-to-date (Jan-Dec), the absolute cost of production increased by 21.6%, from USD 33.2 MM in 2021 to USD 40.4 MM in 2022. The unit cost of production increased by 7.9%, from 12.7 USD/MT in 2021 to 13.7 USD/MT in 2022.

Table 20: Cerro de Pasco Operating Investments

Cerro de Pasco Operating Inv. (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Local Exploration	0.1	0.6	0.7	0.0	0.5	-1.0	1.4	1.8	-24.2
Plants and Tailings Dams	3.7	4.5	4.7	5.8	4.7	0.2	18.6	5.6	232.0
Mine and Infrastructure	0.0	0.1	0.1	0.1	0.1	0.0	0.2	0.2	13.6
Support and Others	0.0	0.0	0.0	0.0	0.4	-0.9	0.1	0.6	-86.0
Total	3.8	5.1	5.5	5.9	5.7	0.0	20.3	8.2	146.7

Source: Volcan Cia. Minera

Operating investments increased from USD 5.7 MM in 4Q21 to USD 5.9 MM in 4Q22, due to higher investments in the Ocroyoc tailings dam.

Year-to-date (Jan-Dec), operating investments increased from USD 8.2 MM to USD 20.3 MM.

3.5 Oxides Plant Operating Results

Table 21: Oxides Plant Production

Oxides Plant Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Mineral extraction (thousands MT)	226	241	249	242	159	52.5	958	747	28.3
Mineral treatment (thousands MT)	226	241	249	242	159	52.5	958	747	28.3
Fines Content									
Silver (millions Oz)	0.8	0.9	1.0	0.8	0.6	44.3	3.6	2.8	28.9
Gold (Oz)	6,182	3,677	2,505	1,400	5,589	-74.9	13,764	17,738	-22.4

Source: Volcan Cia. Minera

Ore volumes treated at the Oxides Plant increased by 52.5%, from 159 thousand MT in 4Q21 to 242 thousand MT in 4Q22, due to works performed in the Ocroyoc tailings dam during 4Q21. Silver production increased by 44.3% and gold production decreased by 74.9%, due to the variation of the ore processed at the plant.

Year-to-date (Jan-Dec), in 2022, ore treatment increased by 28.3%, silver production increased by 28.9%, and gold production decreased by 22.4%, as compared to the previous year.

Table 22: Oxides Plant Cost of Production

Oxides Plant Production Cost	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Production Cost (MM USD)									
Extraction Cost	1.6	1.8	2.1	2.1	1.6	32.0	7.6	7.0	9.4
Treatment Cost	9.4	11.2	11.6	12.7	6.2	103.8	44.9	27.9	60.8
Total Production Cost (MM USD)	11.0	13.0	13.7	14.8	7.9	89.0	52.5	34.9	50.5
Unit Cost (USD/MT)									
Extraction Cost	7.0	7.5	8.4	8.9	10.3	-13.4	8.0	9.3	-14.7
Treatment Cost	41.5	46.5	46.5	52.4	39.2	33.6	46.8	37.4	25.3
Total Unitary Cost (USD/MT)	48.5	53.9	54.9	61.3	49.5	23.9	54.8	46.7	17.3

Source: Volcan Cia. Minera

In 4Q22, the absolute cost of production totaled USD 14.8 MM, 89.0% higher than the USD 7.9 MM figure in 4Q21, due to the higher treated volume. Unit cost increased by 23.9%, from 49.5 USD/MT in 4Q21 to 61.3 USD/MT in 4Q22, due to increased prices of main reagents, and higher consumption of reagents resulting from the increased presence of copper in the processed ore.

Year-to-date (Jan-Dec), the absolute cost of production increased by 50.5%, from USD 34.9 MM in 2021 to USD 52.5 MM in 2022. The unit cost increased by 17.3%, from 46.7 USD/MT to 54.8 USD/MT.

Table 23: Oxides Plant Operating Investments

Oxides Plant Operating Inv. (MM USD)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Plants and Tailings Dams	0.2	-0.8	-0.7	0.1	1.2	-90.9	-1.2	1.4	
Mine and Infrastructure	0.1	0.6	0.2	0.1	0.1	18.1	1.0	0.5	117.3
Support and Others	0.2	0.3	0.3	0.3	0.4	-19.5	1.2	0.6	94.2
Total	0.5	0.3	0.5	0.5	1.7	-69.4	1.9	2.5	-24.4

Source: Volcan Cia. Minera

Operating investments during 4Q22 totaled USD 0.5 MM, 69.4% lower than the USD 1.7 MM figure for 4Q21, mainly due to lower investments in the Ocroyoc tailings dam. Year-to-date

(Jan-Dec), operating investments decreased by 24.4%, from USD 2.5 MM in 2021 to USD 1.9 MM in 2022.

3. Energy

Table 24: Volcan's Electric Power Balance

Electric Balance (GWh)	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Energy generation	120.7	113.0	92.2	92.7	105.2	-11.9	418.6	439.4	-4.7
Chungar	40.0	36.8	30.9	35.4	36.8	-3.7	143.1	150.8	-5.1
Tingo	1.6	1.7	1.7	1.7	1.7	2.1	6.7	6.6	0.5
Huanchor	40.3	35.5	37.3	31.2	35.5	-12.2	149.3	145.3	2.8
Rucuy	38.7	31.3	22.3	24.4	31.3	-21.9	119.5	136.7	-12.6
Energy consumption	195.3	203.6	211.6	209.1	196.7	6.3	819.5	764.5	7.2
Energy purchase	153.6	165.2	178.9	171.9	158.3	8.6	669.7	607.1	10.3

Source: Volcan Cia. Minera

During 4Q22, Volcan's total consumption of electric power reached 209.1 GWh, with a maximum demand of 106 MW. The 10 hydroelectric plants that belong to the Chungar Unit generated 35.4 GWh, a 3.7% reduction as compared to the previous year, resulting from the reduced availability of water caused by less precipitation in the area. Self-generation accounted for 17% of the Company's total consolidated consumption, at an average cost of 28 USD/MWh, including operating, maintenance and transmission costs.

Volcan purchased 171.9 GWh from the national central grid system (the SEIN) in order to meet its total consumption demand, at an average unit cost of 69 USD/MWh. It is important to note that, since November, the purchase of power is subject to a new regulated rate known as "FOSE rate", applied pursuant to Laws No. 31429 and 31598. In annual terms, it will translate into an increased energy purchase cost of approximately USD 2 MM for the Company.

In 4Q22, the Huanchor Hydroelectric Plant produced 31.2 GWh, a 12.2% reduction as compared to the same period of the previous year, resulting from reduced water availability. The power of Huanchor Hydroelectric Plant was entirely sold to third parties.

In 4Q22, the Rucuy Hydroelectric Plant produced 24.4 GWh, a 21.9% reduction as compared to the same period of the previous year, resulting from lake discharge restrictions by the board of users. The power was used to meet the commitments set forth in its renewable energy agreement (RER).

The Tingo Hydroelectric Plant produced 1.7 GWh. All of this power was sold to the Chungar mining operation.

4. Final Comments

- The economic result of USD -76.9 MM recorded in 4Q22 is mainly explained by exceptional expenses related to the impairment of long-term investments in Volcan and Cerro de Pasco, totaling USD 77.3 MM, resulting from higher costs and future investments considered in the assessment. As compared to the same period of the previous year, the gross margin decreased as a result of the negative evolution of metals prices, higher trade discounts of zinc concentrates, and higher cost of production resulting from local and global inflation. Finally, greenfield and brownfield exploration expenses were significantly higher, increasing from USD 5.2 MM in 4Q21 to USD 14.1 MM in 4Q22.
- With regard to brownfield explorations, the most outstanding finding is the Esperanza orebody located 700 meters below the current Animón operations in the Chungar Unit. This is a large replacement body that contains approximately 30 million tons of inferred ore with high grades of zinc and copper, and almost 10 million tons of open potential.
- Meanwhile, several geological mapping activities were carried out as part of the greenfield explorations to identify the most relevant geological evidences:
 - Airborne geophysical surveys using cutting-edge technology like VTEM (Versatile Time Domain Electromagnetic) and ZTEM (Z-Axis Tipper Electromagnetic), and helicopters to cover large areas.
 - Land geophysical surveys using drones and gravimetry, magnetometry and induced polarization (IP).

These activities allowed us to define over a hundred anomalous areas to be assessed in the following years.
- The outlook for base metals prices is a subject of global concern due to a potential recession in the United States and Europe, further slowdown of China's growth, and the continuous increase of interest rates by the main central banks around the world. Although China has announced the gradual lifting of its Zero Covid policy and the reopening of its economy, the impact of these measures remains uncertain.
- From the local perspective, political instability and social unrest in the mining sector, agro-industrial and even urban areas have been affecting the normal economic development of the country. For the moment, the impact for the Company has not been significant.
- As of December 31, 2022, the net debt/EBITDA ratio was 2.4, higher than the 1.8 ratio recorded in 4Q21, mainly due to the higher net debt resulting from a lower cash balance and lower EBITDA.

Table 25: Net Debt / EBITDA Ratio

Net Debt/EBITDA Ratio	4Q21	1Q22	2Q22	3Q22	4Q22
Gross Debt (MM USD)	916	903	795	794	788
Cash Balance (MM USD)	231	226	156	106	74
Net Debt ¹ (MM USD)	685	677	638	688	714
EBITDA ² (MM USD)	389	426	389	353	299
Net Debt/EBITDA Ratio	1.8	1.6	1.6	1.9	2.4

¹ Debt does not include operating leases associated with IFRS 16 or current interest

² Corresponds to EBITDA accumulated in the last 12 months

Source: Volcan Cía. Minera

- Cosco Shipping Ports Chancay Peru S.A. (CSPCP), the company where Volcan holds a participation of 40% of shares and Cosco Shipping Ports Ltd. holds 60%, continues the construction of the first stage of the Chancay multi-purpose terminal, with an investment of USD 1,300 MM. With regard to the construction of the operational area, as of the date of issuance of this report, there is progress of approximately 2,200 linear meters of the primary breakwater and 230 linear meters in the secondary breakwater. In the entrance complex, construction of the administrative building, complementary services building, and office access area, is underway. A total 501,620 m³ have been moved through earthmoving and landforming.

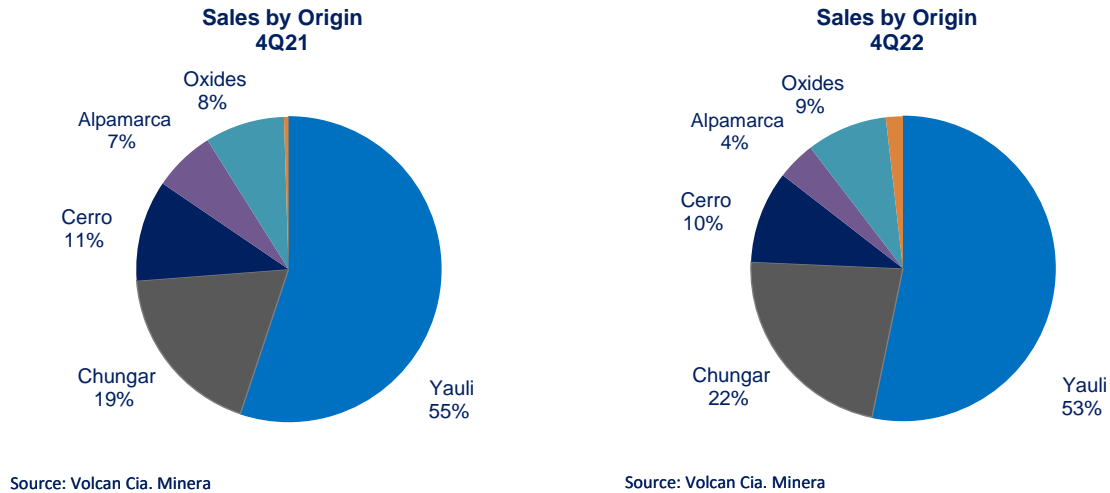
Moreover, 40% of the tunnel and access roads have been completed. Completion of the tunnel on the side of the entrance complex is 242.9 m, while on the side of the operating area, the entrance is completed by 284.4 m in the left passageway, and 251.4 m in the right passageway.

With regard to the 220 Kv transmission line, the construction of the substation is still underway, and has been completed by 32.1%.

Annexes

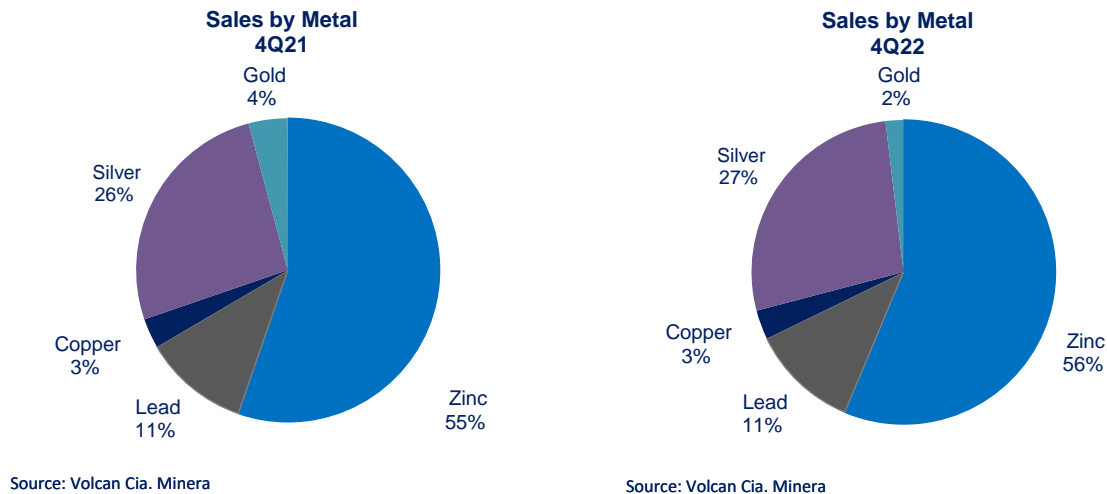
Annex 1: Sales Breakdown

Figure 7: Sales by Operating Unit (percentage of total sales)



The distribution of sales by metal per operating unit in 4Q22 reflects the increased participation of Chungar in total sales, explained by the increased volume of extracted and treated ore in this unit, as compared to 4Q21.

Figure 8: Sales by Metal (percentage of total sales)



Annex 2: Average Spot Prices

Spot Prices	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Zinc (USD/MT)	3,743	3,925	3,269	3,004	3,365	-10.7	3,485	3,005	16.0
Lead (USD/MT)	2,334	2,203	1,976	2,100	2,331	-9.9	2,153	2,205	-2.3
Copper (USD/MT)	9,985	9,526	7,742	8,006	9,698	-17.4	8,815	9,315	-5.4
Silver (USD/Oz)	23.9	22.6	19.2	21.2	23.3	-9.1	21.8	25.2	-13.6
Gold (USD/Oz)	1,874	1,874	1,730	1,728	1,794	-3.7	1,802	1,800	0.1

Source: London Metal Exchange

Annex 3: Macroeconomic Indicators

Macroeconomic Indicators	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct-Dec 2022	Oct-Dec 2021	var %	Jan-Dec 2022	Jan-Dec 2021	var %
Exchange Rate (S/ x USD)	3.81	3.75	3.88	3.90	4.03	-3.2	3.84	3.88	-1.2
Inflation ¹	6.82	8.81	8.53	8.45	6.43	31.4	8.45	6.43	31.4

¹ Inflation of the last 12 months

Source: Central Reserve Bank of Peru

Annex 4: Domestic Peruvian Metal Production

National Production	Jan-Mar 2022	Apr-Jun 2022	Jul-Sep 2022	Oct - Dec 2022	Oct - Dec 2021	var %	Jan - Dec 2022	Jan - Dec 2021	var %
Zinc (FMT)	344,512	318,748	353,150	351,613	359,531	-2.2	1,368,023	1,531,390	-10.7
Lead (FMT)	61,668	61,309	64,498	66,448	66,580	-0.2	253,923	264,126	-3.9
Copper (FMT)	553,749	542,893	632,963	709,185	619,821	14.4	2,438,789	2,298,707	6.1
Silver (thousands Oz)	23,758	24,330	24,911	25,240	26,894	-6.1	98,240	106,343	-7.6
Gold (thousands Oz)	718	747	770	829	808	2.6	3,063	3,101	-1.2

Source: Ministry of Energy and Mines



Lima, 10 de Febrero 2023

RB-004-2023

Señores
Superintendencia del Mercado de Valores
Presente

De nuestra consideración:

Mediante la presente carta y conforme con lo dispuesto por el Reglamento de Hechos de Importancia e Información Reservada, aprobado por Resolución SMV N°005-2014-SMV/01 y como información complementaria, alcanzamos a ustedes la versión en idioma Inglés, los Estados Financieros y el Análisis y Discusión de la Gerencia al Cuarto Trimestre 2022.

Atentamente,

VOLCAN COMPAÑÍA MINERA S.A.A.

Pedro Olortegui Perea
Representante Bursátil

Volcan Compañía Minera S.A.A. and Subsidiaries

Consolidated interim financial information (unaudited) as of
December 31, 2022 and 2021

Volcan Compañía Minera S.A.A. and Subsidiaries

Consolidated Statement of Financial Position

As of December 31, 2022 (unaudited) and as of December 31, 2021 (audited)

	Note	December 31, 2022 US\$(000)	December 31, 2021 US\$(000)
Assets			
Current Assets			
Cash and cash equivalents	4	73,600	231,187
Accounts receivable Trade, net		19,191	24,199
Accounts receivable from related entities		9,395	19,607
Other accounts receivable		83,797	55,971
Inventories, net	5	57,093	59,824
Total current assets		243,076	390,788
Non-current Assets			
Other accounts receivable		34,263	17,446
Financial investments		186,505	187,751
Property, plant and equipment, net	7	816,482	756,519
Assets by right of use	8	11,385	4,385
Mining exploration and evaluation cost, net	9	696,365	801,983
Inventories, net	5	6,218	6,642
Total non-current assets		1,751,218	1,774,726
Total assets		1,994,294	2,165,514
Liabilities and Net Stockholders' Equity			
Current Liabilities			
Overdrafts		198	1,168
Financial obligations	10	34,697	451,144
Trade accounts payable		251,239	229,693
Accounts payable to related entities		7,833	7,505
Other accounts payable		85,443	63,184
Other financial liabilities	6	-	2,241
Total current liabilities		379,410	754,935
Non-current Liabilities			
Financial obligations	10	776,772	485,311
Other accounts payable		3,199	6,400.00
Provision for closing of mining units and communities		292,895	231,636
Deferred income tax liability	11	136,276	199,831
Provision for contingencies		30,389	30,734
Total non-current liabilities		1,239,531	953,912
Total liabilities		1,618,941	1,708,847
Equity			
Issued capital	12	1,134,300	1,134,300
Treasury stock		(60,934)	(60,934)
Other capital reserves		(162,539)	(162,539)
Unrealized gains (loss)		(9,437)	(9,504)
Retained earnings		(526,037)	(444,656)
Total net stockholders' equity		375,353	456,667
Total liabilities and net stockholders' equity, net		1,994,294	2,165,514

The accompanying notes are an integral part of this statement.

Volcan Compañía Minera S.A.A. and Subsidiaries

Consolidated Income Statement (unaudited)

For the period from January 1, to December 31, 2022 and 2021

	For the period from October		For the cumulative period from January 1	
	1 to December 31 2022	2021	to December 31 2022	2021
	US\$(000)	US\$(000)	US\$(000)	US\$(000)
Sales, Note 13	235,861	274,387	951,266	937,399
Cost of Sales, Note 14	(199,167)	(178,627)	(762,743)	(656,031)
Gross Income	36,694	95,760	188,523	281,368
Operating income (expenses)				
Administrative expenses	(23,115)	(20,674)	(69,347)	(57,680)
Selling expenses	(6,997)	(6,945)	(24,852)	(21,125)
Other income	85,050	13,320	122,639	43,611
Other expenses	(200,770)	(43,590)	(276,105)	(93,975)
	(145,831)	(57,889)	(247,664)	(129,168)
Operating income	(109,137)	37,871	(59,141)	152,200
Financial income (expenses)				
Financial income, Note 15	3,607	422	14,751	1,138
Financial expenses, Note 15	(15,506)	(13,321)	(57,121)	(61,591)
Exchange difference, net	1,275	11,404	(2)	2,041
Total other income (expenses), net	(10,624)	(1,495)	(42,372)	(58,412)
Income before income tax	(119,761)	36,376	(101,513)	93,788
Income tax, Note 11 (b)	42,855	(15,101)	20,132	(53,913)
Net income	(76,906)	21,275	(81,381)	39,875
Net earnings per share	(0.020)	0.006	(0.021)	0.010
Weighted average of outstanding shares (in thousands)	3,857,594	3,857,594	3,857,594	3,857,594

The accompanying notes are an integral part of this statement.

Volcan Compañía Minera S.A.A. and Subsidiaries

Consolidated Statement of Comprehensive Income (unaudited)

For the period from January 1 to December 31, 2022 and 2021

	For the cumulative period from October 1 to December 31		For the cumulative period from January 1 to December 31	
	2022	2021	2022	2021
	US\$(000)	US\$(000)	US\$(000)	US\$(000)
Net income	(76,906)	21,275	(81,381)	39,875
Others comprehensive income (loss):				
Net change in gains (losses) unrealized on derivate instruments and Financial investments	4,699	302	95	(339)
Income tax	(1,386)	(89)	(28)	100
Other comprehensive income (loss) net of income tax	3,313	213	67	(239)
Total comprehensive income	(73,593)	21,488	(81,314)	39,636

The accompanying notes are an integral part of this statement.

Volcan Compañía Minera S.A.A. and Subsidiaries

Statement of changes in the Net Stockholders' Equity (unaudited)

For the period from January 1 to December 31, 2022 and 2021

	Capital Issued	Treasury stock	Other capital reserves	Capital reserve	Unrealized gains (loss)	Retained earnings	Total
	US\$(000)	US\$(000)	US\$(000)	US\$(000)	US\$(000)	US\$(000)	US\$(000)
Balances as of January 1, 2020	1,134,300	(60,930)	11,755	(173,231)	(9,265)	(485,708)	416,921
	-	-	-	-	-	-	-
Results integrals							
Net Income of year	-	-	-	-	-	39,875	39,875
Legal reserve	-	-	(1,060)	-	-	1,060	-
Other results integrals of year	-	-	-	-	(239)	-	(239)
Total results integrals of year	-	-	(1,060)	-	(239)	40,935	39,636
Others	-	(4)	-	(3)	-	117	110
Balances as of December 31, 2021	1,134,300	(60,934)	10,695	(173,234)	(9,504)	(444,656)	456,667
Balances as of January 1, 2022	1,134,300	(60,934)	10,695	(173,234)	(9,504)	(444,656)	456,667
Results integrals							
Net loss of year	-	-	-	-	-	(81,381)	(81,381)
Other results integrals of year	-	-	-	-	67	-	67
Total results integrals of year	-	-	-	-	67	(81,381)	(81,314)
Others	-	-	-	-	-	-	-
Balances as of December 31, 2022	1,134,300	(60,934)	10,695	(173,234)	(9,437)	(526,037)	375,353

The accompanying notes are an integral part of this statement.

Volcan Compañía Minera S.A.A. and Subsidiaries

Consolidated Cash Flows Statement (unaudited)

For the period from January 1 to December 31, 2022 and 2021

	Note	December 31, 2022	December 31, 2021
		US\$(000)	US\$(000)
Operating activities			
Collection of sales proceeds		1,097,004	1,055,522
Refund of the credit balance in favor of the exporter and taxes		33,042	36,477
Payments to suppliers and third parties		(722,311)	(603,750)
Payments to workers		(106,815)	(93,125)
Income tax payments		(19,857)	(2,946)
Royalties		(15,993)	(12,743)
Expenses for coverage		-	(13,448)
Cash flows from operating activities, net		265,070	365,987
Investing activities			
Collections corresponding to:			
Other cash receipts related to investment activity.		-	732
Payments corresponding to:			
Disbursements for the acquisition of mining rights, property, plant and equipment		(129,346)	(94,094)
Disbursements for exploration and development activities		(92,468)	(80,476)
Cash flows (used in) investment activities, net		(221,814)	(173,838)
Financing activities			
Collection corresponding to:			
Obtaining financial obligations		396,955	469,106
Payments corresponding to:			
Amortization of financial obligations		(545,973)	(483,328)
Amortization of overdrafts and other financial liabilities		(971)	(14,287)
Premium payments and bond repurchase expenses		-	-
Interest payment		(50,855)	(42,132)
Cash flows (used in) from financing activities, net		(200,843)	(70,641)
Increase (Decrease) in cash and cash equivalents for the period		(157,587)	116,541
Cash and cash equivalents at the beginning of the period		231,187	114,646
Cash and cash equivalents at the end of the period	4	73,600	231,187

The accompanying notes are an integral part of this statement

Volcan Compañía Minera S.A.A. and Subsidiaries

Notes to the consolidated interim financial statements (unaudited)

As of December 31, 2022 and December 31, 2021

1. Identification and economic activity

(a) Identification -

Volcan Compañía Minera S.A.A. (hereinafter “the Company”) is a subsidiary of Glencore AG, which is a subsidiary of Glencore Plc., a company domiciled in Switzerland, hereinafter the Parent, owner of 63% of common class A voting shares and an economic interest of 23%, excluding treasury shares. The Company was incorporated on February 1, 1998 in Lima, Peru.

The shares comprising the capital stock of the Company are listed in the Stock Exchange of Lima.

The Company is mainly engaged in the exploration and operation of mining claims and the extraction, concentration, treatment and commercialization of polymetallic minerals. The economic activity of Subsidiaries is explained in paragraph (c). The Company and Subsidiaries engaged in the mining sector operate the mining units of Yauli, Animon, Alpamarca, Cerro and Oxidos in the departments of Cerro de Pasco, Junín and Lima. The Subsidiaries engaged in the electric power generation business operate in the department of Lima.

Volcan carries out its activities in the following units: Ticilio, Mahr Tunel, Carahuacra, San Cristobal, Andaychagua and Carapongo, these are located on Central Highway No. 168, department of Junin.

In the Subsidiaries, its concentrator plants are mainly located at Animon No. 44, province of Huayllay, department of Cerro de Pasco and on the Lima KM highway. 174, province of Santa Barbara de Carhuacayan, department of Junín.

The Company’s Management addresses and supervises all operations of the economic group.

The legal domicile, where the administrative offices of the Company are located, is Av. Manuel Olguin No. 375, Santiago de Surco, Lima.

(b) Basis of preparation:

The Company’s separate financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB).

In accordance with current International Financial Reporting Standards (IFRS), there is no obligation to prepare separate financial statements; but in Peru, companies have the obligation to prepare them in accordance with current legal regulations. Due to this, the Company has prepared separate financial statements in accordance with IAS 27, Separate Financial Statements. These financial statements are made public within the term established by the Superintendence of the Securities Market (SMV).

(c) Approval of consolidated financial statements -

The consolidated financial statements as of December 31, 2022 were approved by the Company's Management on February 10, 2023. The consolidated financial statements as of December 31, 2021 were approved by the Shareholders' Meeting on March 30, 2022.

(d) The consolidated financial statements include the financial statements from the following subsidiaries:

Consolidated Subsidiaries and economic activity	Direct and indirect interest in ownership		Domicile
	December 31, 2022	December 31, 2021	
	%	%	
Mining exploration and operation:			
Compañía Minera Chungar S.A.C.	100.00	100.00	Perú
Óxidos de Pasco S.A.C. (4)	100.00	100.00	Perú
Empresa Administradora de Cerro S.A.C. (4)	100.00	100.00	Perú
Empresa Explotadora de Vinchos Ltda. S.A.C.	100.00	100.00	Perú
Minera Aurífera Toruna S.A.C. (1)	80.00	80.00	Perú
Minera San Sebastián AMC S.R.L.	-	100.00	Perú
Compañía Minera Vichaycocha S.A.C.	-	100.00	Perú
Electric power generation:			
Hidroeléctrica Huanchor S.A.	100.00	100.00	Perú
Empresa de Generación Eléctrica Rio Baños S.A.C. (2)	100.00	100.00	Perú
Compañía Hidroeléctrica Tingo S.A. (3)	100.00	100.00	Perú
Investments in general:			
Roquel Global S.A.C.	100.00	100.00	Perú
Remediadora Ambiental S.A.C. (4)	-	100.00	Perú
Compañía Industrial Limitada de Huacho S.A.	96.41	96.41	Perú
Empresa Minera Paragsha S.A.C.	100.00	100.00	Perú

(1) These are, in turn, subsidiaries of Empresa Minera Paragsha S.A.C.

(2) This is, in turn, a subsidiary of Hidroeléctrica Huanchor S.A.

(3) This is, in turn, a subsidiary of Compañía Minera Chungar S.A.C.

Compañía Minera Chungar S.A.C.

This company has two mining units, Animon and Alpamarca, located in the department of Pasco and is engaged in the exploration, development and operation of mineral deposits, basically with zinc, copper and lead contents. The useful life determined based on the

reserves and resources of its mining units of Animon and Alpamarca is 19 years until 2037 (unaudited).

Óxidos de Pasco S.A.C.

This entity is now engaged in the treatment of oxidized minerals at a leach pad.

Empresa Administradora de Cerro S.A.C.

This company is engaged in the exploration, development and operation of mineral deposits, basically with zinc and lead contents. Now, the Subsidiary processes stockpiles since its mining operations have been stopped. This company develops its activities in its mining unit Cerro.

Empresa Explotadora de Vinchos Ltda. S.A.C.

This company does not perform operations since 2015 because Management decided to redirect its mining activities in other Subsidiaries of the Company. As from 2019, Management decided to conduct explorations to reconsider the potential of its deposit and then develop and operate it provided it is viable and profitable; otherwise, it will enter into a simple reorganization process in the short term and will be absorbed by an operating subsidiary of the Company in order to search for synergies for the development of its projects.

Empresa Minera Paragsha S.A.C.

This company was incorporated for exploration, operation, assignment and mining usufruct; however, its main activity is now the purchase and sale of investments in equity instruments. This company has shares of the Company and Cementos Polpaico S.A.

Management considers that they will continue receiving financial support from the Company due to its strategic importance.

Minera Aurífera Toruna S.A.C.

These companies were incorporated for the exploration, development and operation of mineral deposits and their main activity is the exploration of their mining concessions through the financing of the Company and Subsidiaries.

The Company's Management is reevaluating potential projects or the option of a simple reorganization in order to search for synergies for the development of their projects.

Minera San Sebastián AMC S.R.L. and Compañía Minera Vichaycocha S.A.C.

These companies were incorporated for the exploration, development and operation of mineral deposits and their main activity is the exploration of their mining concessions through the financing of the Company and Subsidiaries.

The Company's Management is reevaluating potential projects or the option of a simple reorganization in order to search for synergies for the development of their projects.

The Company's were absorbed by Compañía Minera Chungar S.A.C. through a merger by absorption carried out on November 30, 2022.

Hidroeléctrica Huanchor S.A.C.

The Company is mainly engaged in the sale of energy through the operation and maintenance of generating plants of electrical transmission systems. To do this, it has the 19,632 MW Huanchor Hydroelectric Power Plant and the 1.2 MW Tamboraque Mini Hydroelectric Power Plant, both located in the district of San Mateo, province of Huarochirí, Lima.

Empresa de Generación Energética Rio Baños S.A.C.

This company is engaged in electric power generation and has the hydroelectric power plants of Baños V and Rucuy. The hydroelectric power plant of Rucuy has stopped its operations since March 2017 as a consequence of El Niño phenomenon, which caused issues in the penstock and the transmission line. The Rucuy hydroelectric plant restarted its operations in the first half of 2019.

Compañía Hidroeléctrica Tingo S.A.

This company is engaged in the operation and maintenance of gen-sets and electrical energy transmission systems. It has the hydroelectric power plant of Tingo of 1.24 MW and 82 km of transmission lines of 22.9 and 50 kv.

Terminales Portuarios Chancay S.A. (today Cosco Shipping Ports Chancay Perú S.A.)

This company is now at the development stage and will be engaged in port activities. Its objective is the development, construction, implementation, commissioning and operation of a multi-purpose port at Chancay Bay, in the northern area of Lima. The construction of the port started in 2017 and it is estimated to commence operations in 2022.

On May 13, 2019, it ceased to be a subsidiary of the Company.

Roquel Global S.A.C.

This company is engaged in real estate development in order to perform port and logistics activities in relation to the Chancay Port. The pre-investment stage will commence in 2019. The financial statements of this subsidiary are presented consolidated with those of the Company since 2017.

Corporación Logística Chancay S.A.C.

Corporación Logística Chancay S.A.C. was incorporated as subsidiary in 2017 and its purpose is to engage in real estate development and port and logistics activities. In 2021 it was liquidated.

Compañía Industrial Limitada de Huacho S.A.

This company is mainly engaged in real estate activities. The financial statements of this subsidiary are presented consolidated with those of the Company since 2017.

Remediadora Ambiental S.A.C.

This company is engaged in environmental consultancy, environmental studies and acquisition of properties. The financial statements of this subsidiary are presented consolidated with those of the Company since 2018.

(e) **Fusion -**

The General Meeting of shareholders of Compañía Minera Chungar S.A.C. and Óxidos de Pasco S.A.C. approved the merger by absorption project of Minera San Sebastian AMC S.R.L. and Compañía Minera Vichaycocha S.A.C., and Remediadora Ambiental S.A.C., respectively on March 30, 2022.

The effective date of the merger was December 1, 2022.

The equity block absorbed by Compañía Minera Chungar S.A.C. is made up of:

	Compañía Minera Vichaycocha S.A.C. November 30, 2022	Minera San Sebastian AMC S.R.L. November 30, 2022
	US\$(000)	US\$(000)
Assets		
Current Assets		
Cash and cash equivalents	16	3
Other accounts receivable	28	29
Inventories, net	-	4
Total current assets	44	36
Total assets	44	36
Liabilities		
Trade accounts payable	153	152
Accounts payable to related entities	133	61
Other accounts payable	2,012	31
Total current liabilities	2,298	244
Non-current Liabilities		
Provision for contingencies	76	-
Provision for closing of mining units and communities	5,664	5,360
Total non-current liabilities	5,740	5,360
Total liabilities	8,038	5,604
Net Value of the patrimonial block absorbed by Compañía Minera Chungar S.A.C.	-7,994	-5,568

The equity block absorbed by Óxidos de Pasco S.A.C. is made up of:

	Remediadora Ambiental S.A.C. November 30, 2022
	US\$(000)
Assets	
Current Assets	
Cash and cash equivalents	2
Other accounts receivable	330
	<hr/>
Total current assets	332
	<hr/>
Total assets	332
	<hr/>
Liabilities	
Accounts payable to related entities	15,639
	<hr/>
Total current liabilities	15,639
	<hr/>
Net Value of the patrimonial block absorbed by Óxidos de Pasco S.A.C.	-15,307
	<hr/>

(f) Bond issuance -

On February 11, 2021, bonds known as "Senior Notes Due 2026" were issued and placed in its entirety in the international market for US\$475,000 thousand, at an annual rate of 4.375%, maturing in 5 years. Interests will be paid in semiannual installments from August 11, 2021 to February 11, 2026.

On February 17, 2021, the Company (i) partially repaid senior notes maturing in 2022 for US\$125,000 thousand, (ii) fully repaid the syndicated loan for US\$303,000 thousand, including accrued interests, and (iii) repaid other medium-term loans for US\$34,000 thousand. Remaining balance of funds received from the new issuance of bonds was destined for expenses related to the operation for US\$13,000 thousand.

On June 21, 2022, the partial repurchase of the "Senior Notes Due 2026" was made for US\$110,000 thousand.

At the Shareholders' Meeting held on November 4, 2011, it was approved to issue obligations for up to US\$1,100,000 thousand or its equivalent amount in soles, to be placed in the international and/or local market, with a first tranche of up to US\$600,000 thousand in order to fund mining and energy projects in the next five years.

At the Board of Directors' meeting of the Company held on January 16, 2012, the issuance of bonds was approved under Rule 144A and Regulation S of the U.S. Securities Act of the United States of America, for up to US\$600,000 thousand.

On February 2, 2012, bonds known as "Senior Notes Due 2022" were issued and placed in its entirety in the international market for US\$600,000 thousand, at an annual rate of 5.375%, maturing in 10 years. Interests will be paid in semiannual installments from August 2, 2012 to February 2, 2022. Compliance covenants were not established for this obligation.

As of December 31, 2021, the balance of the bond issue amounted to US\$410,264 thousand. On February 02, 2022, the principal and interest of the bond called "5.375% Senior Notes Due 2022" was fully paid.

(f) Syndicated Loan

In August 2020, the company obtained an eighteen month syndicated loan without collateral for USD 300 MM. This transaction had the participation of eight Banks and was lead by Santander bank and Scotiabank. The money obtained was used to re-profile short term debt and improve liquidity. Likewise, in October the company has secured an additional revolving committed line without guarantees for up to USD 50 MM, available at any time during the next two years.

On February 17, 2021, the Company paid the total syndicated loan for US\$ 303MM, including accrued interest.

On December 29, 2021, the syndicated loan contract was signed for US\$400,000 thousand, with the following entities being lenders: Banco Santander, S.A.; Citibank, N.A., acting through its international banking facility; Citibank, N.A.; Bank of Nova Scotia; International Bank of Peru S.A.A.; Inter-American Bank of Finances; Credit and Investment Bank, S.A.; Latin American Bank of Foreign Trade, S.A.; Bancaribe Curacao Bank N.V.; Banco de Credito del Peru and Banco de Occidente Panama, S.A. The interest rate is variable, equivalent to LIBOR (3m) plus a margin calculated based on the company's credit rating. Currently the applicable margin is 325 bps.

On January 25, 2022, Volcan Compañía Minera S.A.A. received the disbursement of US\$400,000 corresponding to the syndicated loan. The funds of this loan were used in full to pay the obligations under the existing bonds called "5.375% Senior Notes due 2022".

(g) COVID-19 Impacts

The ongoing COVID-19 pandemic has caused severe disruptions in the world economy and in the Company and Subsidiaries' operations. In order to contain the spread of COVID-19 in Peru, on March 16, 2020, pursuant to Supreme Decree No. 044-2020, the Peruvian government declared state of emergency, initiating a quarantine protocol in the whole nation. Mandatory social isolation applied to all industries. Only companies in the industry of health, finance and essential goods or services were allowed to continue their

operations.

In accordance with these restrictions, the Company and Subsidiaries stopped their operations from March 16 to June 4, when they resumed their operations gradually. As of December 31, 2020, costs arose from plant shutdowns. In addition, the implementation of a plan for the surveillance, prevention and control of COVID-19 in the workplace in accordance with the regulations of the Ministry of Energy and Mines, which was registered at the Ministry of Health.

As a response of this situation, the Peruvian government implemented various economic and public health measures to address the pandemic caused by COVID-19. In particular, economic support has been provided through programs such as “Reactiva Peru”.

Reactiva Peru”: liquidity program aimed at providing a quick and effective response to the liquidity needs faced by companies due to the impact of COVID-19, ensuring continuity in the payment chain, granting guarantees to micro, small, medium and large companies so that they can access working capital loans, and thus be able to meet their short-term obligations with their workers and suppliers of goods and services. This program reached S/60.0 billion, equivalent to 8 percent of PBI.

Loans disbursed from the “Reactiva Perú” program have maximum terms of up to thirty-six months, with a grace period of up to twelve months. Likewise, the financial entities promised to offer these credits at historically low rates, since the Central Reserve Bank of Peru (BCRP) granted said funds through a repurchase agreement with the guarantee of the National Government represented in securities, which were assigned through of auctions or direct operations, remunerate an effective annual rate of 0.5 percent and include a grace period of twelve months without payment of interest or principal.

In accordance with the regulations of the Reactiva Peru program, the Company and Subsidiaries may not prepay current indebtedness unless using new credit facilities and may not distribute dividends or distribute any profits (with the exception of distributions for employees), during the 36-month term of the financing period. These loans are presented as part of financial obligations in the consolidated statement of financial position.

As a result of the economic and business impact of COVID-19, Management revised certain accounting estimates and judgments such as, the impairment estimate of long-term assets, which, in accordance with the revised assumptions, have not had a significant effect on the Company and Subsidiaries’ financial position and results of operations.

The Company’s Management also evaluated main factors that may affect the performance and operations of the business, considering that there is no material uncertainty that may cause substantial doubts about its capacity to continue as going concern.

Since the pandemic is still on, Management is still monitoring the measures taken by the government in order to guarantee the cycle of its operations.

2. Significant accounting policies

Significant accounting policies used by the Company and Subsidiaries for the preparation of the consolidated financial statements are as follows:

(a) Statement of compliance and basis of preparation and presentation -

The accompanying consolidated financial statements were prepared in accordance with the International Financial Reporting Standards (IFRS), issued by the International Accounting Standards Board (IASB), effective as of December 31, 2022 and December 31, 2021, as applicable, including International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), and Interpretations issued by the International Financial Reporting Interpretations Committee (IFRIC), or by the former Standing Interpretations Committee (SIC), adopted by the IASB. Historical cost basis was applied for these purposes, except those items measured at fair value, as further explained in the section of significant accounting policies (letter (d)).

Fair value is the price that would be received when selling an asset, or paid when transferring a liability in an organized transaction between market participants at a measurement date, regardless of the fact that such price is directly observable or estimable through another valuation technique. When estimating the fair value of an asset or liability, the Company considers the characteristics of such asset or liability in the event that market participants would want to consider them when setting a price at the measurement date. Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined over such basis, except share-based payment transactions (which are within the scope of IFRS 2), lease transactions (within the scope of IFRS 16), and measurements somehow similar to fair value, but are not fair value, such as net realizable value in IAS 2, or value in use in IAS 36.

Additionally, for financial reporting purposes, fair value measurements are categorized in three levels: 1, 2 or 3; depending on the degree in which the information for fair value measurements are observable, and their significance to fair value measurement in its entirety, as described below:

Level 1: Input is quoted prices (unadjusted) in active markets for identical assets or liabilities that the Company may access to at the measurement date.

Level 2: Input is different from quoted prices included in Level 1, which are observable for the asset or liability, whether directly or indirectly.

Level 3: Input is not observable for the asset or liability. Non-observable input data will be used to measure fair value provided such relevant observable input data are not available, considering situations where there is low market activity, if any, for the asset or liability at the measurement date.

The Company's Management is responsible for the information contained in these consolidated financial statements, which expressly confirms that all principles and criteria established in IFRS issued by the IASB, effective at each year-end, have been applied in their preparation.

(b) Consolidation principles -

The accompanying consolidated financial statements include the accounts of the Company and of those entities controlled by the Company (Subsidiaries). The Company considers that control of an entity is achieved when the Company has the power to govern its financial and operating policies in order to obtain benefits from its activities.

All significant intercompany transactions have been eliminated in consolidation. When necessary, adjustments are made to the financial statements of certain Subsidiaries to ensure conformity with the group's accounting policies.

Profit and loss resulting from subsidiaries acquired or disposed during the year are included in the consolidated statement of profit or loss as from the effective date of acquisition or up to the effective date of sale, as applicable. Total comprehensive income of those subsidiaries is attributed to the Company's shareholders and to the non-controlling owners of these subsidiaries even in cases when these interests result in a deficit balance.

Changes in the interest in subsidiaries that do not correspond to a loss of control over them are accounted for as equity transactions. The carrying amounts of interest of the shareholders of the Company and the non-controlling owners of these subsidiaries are adjusted to reflect the changes in their interest. Any difference between these amounts and the fair value of the consideration paid or received is directly attributed to equity.

As of December 31, 2022 and December 31, 2021, the consolidated financial statements include the consolidated accounts of Volcan Compañía Minera S.A.A. and Subsidiaries disclosed in Note 1(c).

(c) Functional and presentation currency -

The Company prepares and presents its consolidated financial statements in U.S. dollars, its functional currency. The functional currency is the currency of the main economic environment in which an entity operates, which influences selling prices of traded goods and services, among other factors.

Translation to U.S. dollars

The Company prepares its consolidated financial statements in U.S. dollars based on its accounting records carried in soles. Those consolidated financial statements are translated into U.S. dollars (functional currency) following the methodology explained below:

As of December 31, 2022 and December 31, 2021, the monetary assets and liabilities of the Company, whose original currency is the sol, have been translated into U.S. dollars using

the average closing exchange rate effective at those dates of US\$0.262 and US\$0.251 per S/1.00, respectively. The monetary assets and liabilities in U.S. dollars are maintained at their original value in such currency.

Non-monetary assets and liabilities and equity accounts in soles have been translated into U.S. dollars using the exchange rate in force at the original date of the transaction. The consumption of supplies, accumulated depreciation of property, plant and equipment, and the amortization of mining concessions, exploration and development costs and other mining assets were calculated based on the amounts translated into U.S. dollars of related assets. Non-monetary assets and liabilities in U.S. dollars are held at their original value in such currency.

Profit or loss items denominated in U.S. dollars are presented in their original currency, and other transactions are translated from soles to U.S. dollars using the effective exchange rate at the original date of the transaction, except items that result from non-monetary assets, which are determined as indicated in the paragraph above.

(d) Financial instruments -

Financial instruments are contracts that simultaneously give rise to a financial asset in a company and a financial liability or equity instrument in another company. Financial assets and liabilities are recognized when the Company and Subsidiaries become part of the contractual agreements of the corresponding instrument.

Financial assets and liabilities are initially measured at fair value plus transaction costs directly attributable to their acquisition or issuance, except for those classified at fair value through profit or loss, which are initially recognized at fair value and whose transaction costs directly attributable to their acquisition or issuance, are recognized immediately in profit or loss for the year.

As of December 31, 2022, the Company and Subsidiaries has no financial instruments, see note 6 Other financial liabilities.

Financial assets

All regular way purchases or sales of financial assets are recognized and derecognized on a trade date basis and require delivery of assets within the time frame established by regulation or convention in the marketplace.

All recognized financial assets are measured subsequently in their entirety at either amortized cost or fair value, depending on the classification of the financial assets.

Classification of financial assets

Debt instruments that meet the following conditions are measured subsequently at amortized cost:

- the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Debt instruments that meet the following conditions are measured subsequently at fair value through other comprehensive income:

- the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling the financial assets; and
- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

By default, all other financial assets are measured subsequently at fair value through profit or loss.

Amortized cost and effective interest method

The effective interest method is a method of calculating the amortized cost of a debt instrument and of allocating interest income over the relevant period.

For financial assets other than purchased or originated credit-impaired financial assets, the effective interest rate is the rate that exactly discounts estimated future cash receipts (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) excluding expected credit losses, through the expected life of the debt instrument, or, where appropriate, a shorter period, to the gross carrying amount of the debt instrument on initial recognition. For purchased or originated credit-impaired financial assets, a credit-adjusted effective interest rate is calculated by discounting the estimated future cash flows, including expected credit losses, to the amortized cost of the debt instrument on initial recognition.

The amortized cost of a financial asset is the amount at which the financial asset is measured at initial recognition minus the principal repayments, plus the cumulative amortization using the effective interest method of any difference between that initial amount and the maturity amount, adjusted for any loss provision. On the other hand, the gross carrying amount of a financial asset is the amortized cost of a financial asset before adjusting for any loss provision.

Interest income is recognized using the effective interest method for debt instruments measured subsequently at amortized cost and at fair value through other comprehensive

income. For financial assets other than purchased or originated credit-impaired financial assets, interest income is calculated by applying the effective interest rate to the gross carrying amount of a financial asset, except for financial assets that have subsequently become credit-impaired.

For financial assets that have subsequently become credit-impaired, interest income is recognized by applying the effective interest rate to the amortized cost of the financial asset. If, in subsequent reporting periods, the credit risk on the credit-impaired financial instrument improves so that the financial asset is no longer credit-impaired, interest income is recognized by applying the effective interest rate to the gross carrying amount of the financial asset.

For purchased or originated credit-impaired financial assets, the Company and Subsidiaries recognize interest income by applying the credit-adjusted effective interest rate to the amortized cost of the financial asset from initial recognition. The calculation does not revert to the gross basis even if the credit risk of the financial asset subsequently improves so that the financial asset is no longer credit-impaired. Interest income is recognized in the consolidated statement of profit or loss.

Impairment of financial assets

The Company and Subsidiaries recognize a provision for expected credit losses of financial assets that are measured at amortized cost or at fair value through other comprehensive income. An impairment loss for investments in equity instruments is not recognized. The amount of expected credit losses is updated at each reporting date in order to reflect the changes in credit risk since the initial recognition of the pertinent financial instrument.

The Company and Subsidiaries recognize lifetime expected credit losses for trade accounts receivable and other accounts receivable. The expected credit losses on these financial assets are estimated using a provision matrix based on the Company and Subsidiaries' historical credit loss experience, adjusted for factors that are specific to the debtors, general economic conditions and an assessment of both the current as well as the forecast direction of conditions at the presentation date, including time value of money where appropriate.

For all other financial instruments, the Company and Subsidiaries recognize lifetime expected credit losses when there has been a significant increase in credit risk since initial recognition. The evaluation of whether the expected credit losses should be recognized during the life of the credit is based on significant increases in the probability or the risk that a noncompliance may occur since initial recognition instead of the evidence that the credit of a financial asset is impaired at the presentation date of the report or an actual noncompliance has occurred.

The duration of expected credit losses during the life of the credit represents the expected credit losses that will result from all possible default events over the expected useful life of a financial instrument. In contrast, 12-month expected credit losses during the life of the

credit represents the portion of the useful life of expected credit losses during the life of the credit that is expected to result from default events on a financial instrument that are possible within 12 months after the reporting date.

Financial liabilities

Financial liabilities are classified at fair value through profit or loss or at amortized cost using the effective interest method. The Company and Subsidiaries determine the classification of financial liabilities upon initial recognition.

Financial liabilities at fair value through profit or loss

Financial liabilities are classified as at fair value through profit or loss when the financial liability is held for trading or it is designated as at fair value through profit or loss.

A financial liability is classified as held for trading if:

- it has been acquired principally for the purpose of repurchasing it in the near term; or
- on initial recognition it is part of a portfolio of identified financial instruments that the Company and Subsidiaries manage and have a recent actual pattern of short-term profit-taking; or
- it is a derivative, except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument.

A financial liability other than a financial liability held for trading may be designated as a financial liability at fair value through profit or loss upon initial recognition if:

- such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or
- the financial liability forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with the Company and Subsidiaries' documented risk management or investment strategy, and information about the Company and Subsidiaries is provided internally on that basis; or
- it forms part of a contract containing one or more embedded derivatives, and IFRS 9 permits the entire combined contract to be designated as at fair value through profit or loss.

Financial liabilities at fair value through profit or loss are measured at fair value, with any profit or losses arising on the new measurement recognized in profit or loss. The net profit or loss recognized in profit or loss incorporates any interest paid on the financial liability and is included in the “other profit and losses” line item.

However, for financial liabilities that are designated as at fair value through profit or loss, the amount of change in the fair value of the financial liability that is attributable to changes in the credit risk of that liability is recognized in other comprehensive income, unless the recognition of the effects of changes in the liability’s credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss. The remaining amount of change in the fair value of liability is recognized in profit or loss. Changes in fair value attributable to a financial liability’s credit risk that are recognized in other comprehensive income are not subsequently reclassified to profit or loss; instead, they are transferred to retained earnings upon derecognition of the financial liability.

Profit or losses on financial guarantee contracts and loan commitments issued by the Company and Subsidiaries that are designated as at fair value through other profit or loss are recognized in profit or loss.

Financial liabilities measured subsequently at amortized cost

Other financial liabilities, including loans, trade accounts payable and others, are measured subsequently at amortized cost using the effective interest method.

The effective interest method is a method of calculating the amortized cost of a financial liability and of allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts cash flows receivable or payable (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) estimated through the expected life of the financial liability, or (where appropriate) a shorter period, to the amortized cost of a financial liability.

Derecognition of financial liabilities

The Company and Subsidiaries derecognize financial liabilities when, and only when, the Company and Subsidiaries’ obligations are discharged, cancelled or have expired. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit or loss.

Derivative financial instruments

The Company and Subsidiaries enters into a variety of derivative financial instruments to manage its exposure to foreign exchange rate risks, rates and prices of commodities.

Derivatives are recognized initially at fair value at the date a derivative contract is entered into and are subsequently remeasured to their fair value at each reporting date. Profit or loss from changes in the fair value of these assets is recognized in profit or loss of the period they occur, unless the derivative is designated and effective as a hedging instrument, in which event the timing of the recognition in profit or loss depends on the nature of the hedge relationship.

(e) Cash and cash equivalents -

Cash comprises cash on hand and freely available deposits. Cash equivalents comprise shortterm financial investments with maturities of three months or less counted from their acquisition date, which are readily convertible into known amounts of cash and are not subject to an insignificant risk of changes in value. See note 4 Cash and cash equivalents.

(f) Inventories and obsolescence estimate -

Inventories are valued at the lower of acquisition or production cost or net realizable value. The cost of concentrates includes the cost of direct materials, direct labor costs and manufacturing overheads, including the cost of transferring inventories to their current location and conditions. The cost of concentrates and supplies is determined by applying the weighted average cost method, and the cost of inventories in transit is determined by applying the specific cost method. Net realizable value is the sales price estimated in the normal course of business, less the estimated costs to place inventories in sale conditions and perform their sale. Due to the reductions of the carrying amount of inventories to their net realizable value, an estimate for inventory obsolescence is established and charged to profit or loss of the period when those reductions occur. See note 5 Inventories, net.

(g) Property, plant and equipment -

Property, plant and equipment are presented at acquisition cost, less accumulated depreciation and the accumulated amount of impairment losses, except land with port preparation, which is presented under the revaluation model. The historical acquisition cost includes disbursements directly attributable to the acquisition of assets.

Initial disbursements, as well as those subsequently incurred, related to goods whose cost can be estimated reliably, and it is probable that future economic benefits will be obtained from them, are recognized as property, vehicles and equipment. Disbursements for maintenance and repairs are recognized as expenses during the period when incurred. Main components of major equipment are recorded independently and are depreciated according to their useful life. Profit or loss arising from the sale or disposal of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset, which is recognized in profit or loss for the period when the sale is considered performed.

Property, plant and equipment under construction or acquisition are presented at cost, less any determined impairment loss. The cost of these assets in process includes professional

fees and, for qualifying assets, borrowing costs. Those assets are subsequently classified to their category of property, plant and equipment when the construction or acquisition process has been completed and they are ready for intended use. These assets are depreciated from that moment, similarly to the rest of categories of property, plant and equipment.

The residual value, useful life and depreciation and amortization methods are reviewed and adjusted prospectively where appropriate at the end of every year.

Depreciation

Units-of-production method

The depreciation of buildings and other mining constructions is calculated by units of production based on economically recoverable reserves and a portion of resources from the pertinent mining unit.

The units of production are measured in recoverable metric tons of lead, copper and zinc. The depreciation ratio per units of production considers the expenses paid up to that date.

Straight-line method

The depreciation of other mining and hydroelectric assets is calculated by applying the straight-line method based on the lower of the estimated useful life of assets or the remaining useful life of the mining unit for mining assets. The useful lives used by the Company are as follows:

	Years
Buildings and other construction	Up to 33 years
Environmental management program infrastructure	Up to 10 years
Machinery and equipment	Up to 10 years
Vehicles	Up to 5 years
Furniture and fixtures, and computer equipment	Up to 10 years
Sundry equipment	Up to 10 years

See note 7 Property, plant and equipment, net.

- (h) Mining concessions, exploration and development costs and other intangibles -

Mining rights and concessions

Mining rights represent the ownership of the Company and Subsidiaries over mining properties that contain the acquired mineral reserves. Mining rights that are related to mineral reserves are amortized following the units-of-production method, using as a basis, the proven and probable reserves and a portion of inferred resources.

Mining concessions are capitalized in the consolidated statement of financial position and represent the ownership of the Company and Subsidiaries of mining properties with a geological interest. Mining concessions are amortized as from the production stage based on the units-of-production method, using proven and probable reserves and a portion of inferred resources. In case the Company and Subsidiaries abandon those concessions, associated costs are written off in the consolidated statement of profit or loss and other comprehensive income.

At every year-end, the Company and Subsidiaries evaluate for each cash-generating unit if there is any indication that the value of their mining rights may be impaired. If any indication exists, the Company and Subsidiaries establish an estimate of the recoverable amount of the asset.

Evaluation and exploration costs

Exploration costs are only capitalized provided that they are estimated to be economically recoverable through a successful operation in the future or when the activities are in process in the area of interest and it has not reached a stage that allows evaluating reasonably the existence of economically recoverable reserves. These costs mainly include used materials and fuel, land survey costs, drilling costs and payments made to contractors. For this purpose, economically recoverable benefits of exploration projects can be evaluated properly when any of the following conditions are met: i) the Board of Directors authorizes Management to conduct a feasibility study for the project, and ii) the purpose of the exploration is to convert resources into reserves or to confirm resources.

Exploration costs are amortized just as development costs.

All capitalized evaluation and exploration costs are monitored to identify impairment indications. When a possible impairment is identified, each area of interest or cashgenerating unit (CGU) is evaluated. If capitalized costs are not expected to be recovered, they are charged to the consolidated statement of profit or loss.

Development costs

Costs associated with the mine development stage are capitalized. Development costs required to keep production going are charged to profit or loss of the period when incurred.

Development costs are amortized from the beginning of production using the units-ofproduction method. Development costs are amortized based on proven and probable reserves and a portion of inferred resources to which they are related.

Intangibles

Intangible assets with finite useful lives separately acquired are reported at cost less accumulated amortization and any recognized accumulated impairment loss. Amortization is calculated using the straight-line method based on useful lives estimated by the Company and Subsidiaries. Estimates on useful lives and depreciation methods are reviewed at the end of each reporting period to evaluate possible material changes in previous expectations or the expected consumption pattern of future economic benefits inherent to those assets, prospectively incorporating the effects of any change in these estimates against net profit or loss in the period they are made.

Intangible assets with indefinite useful lives are not amortized and are reviewed every year in order to identify whether there is any impairment indication according to item (j) below.

See note 9 Mining exploration and evaluation costs.

(i) Review of impairment of long-term assets -

The Company and Subsidiaries regularly review the carrying amounts of their tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). If it is not possible to estimate the recoverable amount of an individual asset, the Company and Subsidiaries estimate the recoverable amount of the cash-generating unit to which the asset belongs. If a reasonable and consistent distribution basis can be identified, corporate assets are also distributed to individual cash-generating units, or otherwise, to the smallest group of cash-generating units for which a reasonable and consistent distribution basis is identified.

The recoverable amount is the higher of fair value less the cost to sell and value in use. Value in use is determined based on future estimated cash flows discounted to their present value, using a discount rate before taxes that reflects current market valuations related to the time value of money and the specific risks of the asset.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is immediately recognized as expense, unless the corresponding asset is held at revalued amounts, in which case the impairment loss is recognized primarily as a reduction of the revaluation surplus.

An impairment loss can be subsequently reversed and recognized as revenue in profit for the year, to the extent that the increased carrying amount does not exceed the carrying amount that would have been determined if no impairment loss had been recognized for the asset (cash-generating unit) in previous years.

In the determination of values in use of their assets, the Company and Subsidiaries review their projections of future revenue streams that consider the following variables: discount

rate, projection of prices, resources and reserves, production, costs and expenses.

(j) Investments in associates -

An associate is an entity over which the Company has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

The results and assets and liabilities of associates are incorporated in these consolidated financial statements using the equity method of accounting, except when the investment, or a portion of such investment, is classified as held for sale, in which case it is accounted for in accordance with IFRS 5 Non-current assets held for sale and discontinued operations.

Under the equity method, an investment in an associate is recognized initially in the consolidated statement of financial position at cost and adjusted thereafter to recognize the Company's share of the profit or loss and other comprehensive income of the associate. When the Company's share of losses of an associate exceeds the Company's interest in that associate (which includes any long-term interests that, in substance, form part of the Company's net investment in the associate), the Company discontinues recognizing its share of further losses. Additional losses are recognized only to the extent that the Company has incurred legal or constructive obligations or made payments on behalf of the associate.

An investment in an associate is accounted for using the equity method from the date on which the investee becomes an associate. On acquisition of the investment in an associate, any excess of the cost of the investment over the Company's share of the net fair value of the identifiable assets and liabilities of the investee is recognized as goodwill, which is included within the carrying amount of the investment. Any excess of the Company's share of the net fair value of the identifiable assets and liabilities over the cost of the investment, after reassessment, is recognized immediately in profit or loss in the period in which the investment is acquired.

(k) Leases -

The Company and Subsidiaries as lessees:

The Company and Subsidiaries recognize right-of-use assets at the commencement date of the lease (that is, the date when the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment loss, and are adjusted for any new measurement of lease liabilities. The cost of right-of-use assets includes lease liabilities recognized, initial direct costs incurred and lease payments made before the commencement date of the lease less any lease incentive received. Unless the Company and Subsidiaries are reasonably certain that they will obtain the ownership of the leased asset at the end of the lease term, assets recognized for right of use are amortized on a straight-line basis over the lease term. Right-of-use assets are subject to impairment.

At the commencement date of the lease, the Company and Subsidiaries recognize lease liabilities at the present value of payments that will be made over the lease term. Lease payments include fixed payments less any lease incentive receivable, variable lease payments that depend on an index or rate, and the amounts expected to be paid as residual value guarantees.

When calculating the present value of lease payments, the Company and Subsidiaries use the incremental borrowing rate at the commencement date of the lease if the interest rate implicit in the lease cannot be readily determined.

After the commencement date, the amount of lease liabilities increases to reflect the accrual of interests and is reduced for lease payments made. In addition, the carrying amount of lease liabilities is remeasured whether there is a modification, change in the lease term or change in generally fixed payments.

The Company and Subsidiaries apply the recognition exemption on properties at a short term (that is, those properties with a lease term of 12 months or less from the commencement date of the lease and that do not contain a lease option). The Company and Subsidiaries also apply the recognition exemption on low-value assets in the lease of office equipment. Payments for short-term leases and low-value assets are recognized as expenses on a straight-line basis over the lease term.

See note 8 Asset for right of use.

(l) Provisions -

Provisions are recognized when the Company and Subsidiaries have a present obligation (legal or constructive) as a result of a past event, it is probable that the Company and Subsidiaries will have to dispose of resources that provide economic benefits in order to settle the obligation, and a reliable estimate of the obligation amount can be made.

The amount recognized as provision corresponds to the best estimate of the necessary disbursement to settle the present obligation at the date of the consolidated statement of financial position, considering the risks and uncertainties surrounding most of the events and circumstances concurrent to its valuation. If the provision amount is measured using estimated cash flows to settle the obligation, the carrying amount is the present value of corresponding disbursements.

In case it is expected that a part or the total disbursement necessary to settle the provision may be reimbursed by a third party, the portion receivable is recognized as an asset when its recovery is virtually certain, and the amount of such portion can be determined reliably.

(m) Provision for closure of mining units -

The asset and liability for closure of mining units is recognized when: (i) the Company and Subsidiaries have a present obligation related to the dismantling and removal of assets, as

well as the restoration of areas where its mining units are located, and (ii) the amount of those obligations can be estimated reliably.

The initial amount of the recognized asset and liability is the present value of future estimated disbursements to meet those obligations.

After initial measurement, the obligation is adjusted to reflect the passage of time and changes in the estimated future cash flows underlying the obligation. The increase in the provision due to the passage of time is recognized as a financial expense, while increases and decreases due to changes in estimated future cash flows are capitalized and depreciated over the life of the related asset. Actual costs incurred in settling the site restoration liability are recorded against the provision to the extent that the provision has been determined for such costs. A gain or loss may be recorded after settlement of the liability while the asset is depreciated against proven and probable reserves using the units-of-production depreciation method. The related depreciation is recognized as an expense.

(n) Financing costs -

Financing costs directly attributable to the acquisition, construction or production of a qualifying asset are capitalized and added to the cost of the project until those assets are considered to be substantially ready for their intended use, that is, when such assets are able to generate commercial production. If a loan is requested for a specific use in the project, the capitalized amount represents actual costs incurred to obtain such loan.

If short-term excess funds derived from the specific loan are available, earnings provided by temporary investment are also capitalized and deducted from the total debt cost. If funds used to finance a project are part of the general debt, the capitalized amount is calculated by applying the weighted average rate of the general debt of the Company and Subsidiaries during the period. All other debt costs are recognized in the consolidated statement of comprehensive income in the period when incurred.

(o) Revenue recognition -

Revenue is measured by using the fair value of the consideration received or receivable, derived therefrom. This revenue is reduced by estimates such as refunds from customers, discounts and other similar items.

Revenue is recognized as follows:

- (i) Revenue is associated with the sale of concentrates, Dore bars and others satisfies its obligation of short-term performance, when the control of the sold asset is transferred to the customer. Transfer control indicators include an unconditional obligation to advance a significant payment, legal title, physical ownership, transfer of risks and benefits, and acceptance from the customer. It generally occurs when concentrates are delivered at the loading port,

warehouse or vessel, pursuant to the agreement entered into with the buyer. The buyer controls the concentrates at that place. If the Company is responsible of delivery costs and other services after the date when control of goods is transferred to the customer, these other services are considered as independent performance obligations; therefore, a portion of revenue obtained from the agreement are allocated and recognized when these performance obligations are met.

Sale agreements of concentrates, Dore bars and others generally provide for a significant provisional payment based on provisional tests and prices of quoted metals that on average are in the range of 85 percent to 95 percent of the provisional invoiced value. The final liquidation is based on the results of final assays and prices of metals applicable in specific quotation periods, which tend to range between a month after the shipment and up to three months after the shipment arrives to the agree-upon place, and is based on the average prices of metals in the market. For this purpose, the transaction price can be measured reliably for those products, such as zinc, lead, copper and gold, for which there is a free and active market, such as the London Stock Exchange. When it is the case that the value of the final settlement is less than the provisional settlement, the obligation to return part of the consideration paid as an advance is established. On the other hand, the payment of customers for contracts of sale abroad is guaranteed by means of a letter of guarantee and the sale to the client is guaranteed through the issuance of the laboratory certificate and tests.

Since these agreements will be settled in the future based on international quotations of contents payable to be finally agreed upon, these agreements are treated as embedded derivatives, and as of the closing of the year, are adjusted due to significant changes in international quotations to reflect them at their fair value. Changes in fair value are recognized as adjustments to revenue provided by sale. Definite adjustments that result from final liquidations are recorded in the period when issued, generally when the seller and buyer exchange weights and contents payable, and establish the quotation term, according to conditions previously agreed upon in the pertinent sale agreements.

IFRS 15 requires that the variable consideration should be recognized only when it is highly probable that a significant reversal does not occur in the amount of recognized accumulated revenue. The Company concluded that the adjustments related to final liquidations for the quantity and quality of sold concentrates are not significant and do not restrict revenue recognition.

- (ii) Revenue from interests is recognized based on the effective yield in proportion to the time elapsed.
- (iii) Other revenue is recognized when earned.

See note 13 Net sales.

(p) Recognition of costs and expenses -

The cost of sales of ore concentrates is recognized in the period when shipment or delivery is performed based on contractual terms and conditions, against profit or loss of the period when corresponding operating income is recognized. Expenses are recognized when there has been a decrease in future economic benefits related to a decrease in assets or increase in liabilities and, additionally, when expenses can be measured reliably, regardless of the payment date.

See note 14 Cost of sales.

(q) Employee benefits -

Benefits to employees include, among others, short-term benefits, such as wages, salaries and social security contributions, annual paid leaves, paid sick leaves, profit-sharing and incentives, if paid within twelve months following the end of the period. These benefits are recognized against profit or loss for the period when the employee has provided the services that entitle them to receive those benefits. Corresponding obligations payable are presented as part of other liabilities.

(r) Operating profit -

Operating profit is understood as total net sales less total cost of sales, administrative expenses, selling expenses, other income and expenses (net) and revenue from the impairment reversal of non-financial assets and impairment loss of non-financial assets (net), excluding financial income and expenses.

(s) Income tax -

Income tax expense for the period comprises current and deferred income tax and special mining tax.

Current income tax

Current income tax corresponds to the tax payable by applying a rate of 29.5% on estimated taxable income, after deducting the profit sharing of employees, and is recorded in profit or loss for the year.

Current income tax payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in profit or loss because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The Company and Subsidiaries' current income tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

A provision is recognized for those matters for which the tax determination is uncertain but it is considered probable that there will be a future outflow of funds to a tax authority. The provisions are measured at the best estimate of the amount expected to become payable. The assessment is based on the judgement of tax professionals within the Company and Subsidiaries supported by previous experience in respect of such activities and in certain cases based on specialist independent tax advice.

Deferred income tax

Deferred income tax is recognized on temporary differences between the carrying amount of assets and liabilities included in the consolidated financial statements and corresponding tax bases used to determine the taxable income, the pertinent rate of these differences, and in this case, the benefits of tax losses to amortize and some tax credits are included. Deferred tax assets or liabilities are generally recognized for all taxable temporary differences. A deferred tax income asset will be recognized for all deductible temporary differences to the extent that it is probable that the Company and Subsidiaries will have future tax profit against which to apply those deductible temporary differences. Such assets and liabilities are not recognized if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

Deferred tax liabilities are recognized for taxable temporary differences arising on investments in subsidiaries and associates, and interests in joint ventures, except where the Company and Subsidiaries are able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent that it is probable that there will be sufficient taxable profits against which to utilize those temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are calculated at the tax rates that are expected to apply in the period when the liability is settled or the asset is realized based on rates (and tax laws) that have been enacted or substantively enacted at the end of the reporting period.

The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Company and Subsidiaries expect, at the end of the reporting period, to recover or settle the carrying amount of their assets and liabilities.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied by the same taxation authority and the Company intends to settle its current tax assets and liabilities on a net basis.

Current and deferred income tax

Current and deferred income taxes are recognized in profit or loss, except when they relate to items that are not recognized in profit or loss, either in other comprehensive income or directly in equity, respectively. Where current or deferred income tax arises from the initial recognition of a business combination, the tax effect is included in the recognition of the business combination.

See note 11 Deferred income tax.

(t) Contingent assets and liabilities -

Contingent liabilities are recorded in the consolidated financial statements when it is probable that they will be confirmed in time and can be quantified reasonably; otherwise, they are disclosed in a note to the consolidated financial statements.

Contingent assets are not recorded in the consolidated financial statements, but are disclosed in a note when their contingency level is probable.

Items previously treated as contingent liabilities will be recognized in the consolidated financial statements in the period when a change in probabilities occurs, that is, when it is determined that an outflow of resources is probable to occur to cover such liability. Items previously treated as contingent assets will be recognized in the consolidated financial statements in the period when it is determined that an inflow of resources is virtually certain to occur.

(u) Basic and diluted earnings per share -

Basic earning per share is calculated by dividing net profit or loss attributable to shareholders by the weighted average number of outstanding common shares during the period, including shares for the restatement into constant currency.

Since there are no diluted potential common shares, that is, financial instruments or other contracts that allow obtaining common shares, basic and diluted earning per share is the same.

3. Seasonality of operations

The Company operates on a continuous basis, with no important fluctuations due to seasonal factors.

4. Cash and cash equivalents

Here in below is the composition of this heading:

	As of December 31, 2022	As of December 31, 2021
	US\$(000)	US\$(000)
Funds available:		
Fixed fund	16	16
Bank checking accounts	72,302	184,659
Term deposit	-	25,031
Mutual funds	-	20,158
Funds subject to restriction	1,282	1,323
	73,600	231,187

5. Inventories

The composition of this heading is presented below:

	As of December 31, 2022	As of December 31, 2021
	US\$(000)	US\$(000)
Concentrates	11,036	11,383
Raw material (extracted ore)	13,547	19,610
Pyrite stockpiles	6,218	6,642
Miscellaneous supplies	49,271	45,820
Inventories in transit	1,018	44
	81,090	83,499
Impairment estimate	(17,779)	(17,033)
Total	63,311	66,466
Non-current portion	6,218	6,642
Current portion	57,093	59,824

During 2022, according to the evaluation carried out with the participation of the operational areas, the estimate for obsolescence of spare parts and supplies was updated to US\$ 543 as of December 31, 2022 (US\$ 186 as of December, 2021). In addition, there is a net effect on the estimate for the net realizable value of concentrates and ore of US\$ 389.

In the opinion of the Management of the Company and Subsidiaries, the estimate for the impairment of spare parts and supplies is sufficient to cover the risk of losses at the date of the consolidated statement of financial position.

6. Other financial assets (liabilities)

Here in below is the composition of payables:

	As of December 31, 2022	As of December 31, 2021
	US\$(000)	US\$(000)
Fair value of trading derivatives	-	-
Settled derivative financial instruments and premiums	-	2,241
	<u>-</u>	<u>2,241</u>
Less: non-current portion	-	-
Current portion	<u>-</u>	<u>2,241</u>

The Company uses derivative instruments to reduce its exposure to market risks. Such risks are primarily related to the effects of constantly fluctuating prices for the metals traded by the Company, and to changes in rates, in order to ensure future disbursements of interest on loans obtained.

The change in the equity account “Unrealized gains (loss)” is presented below:

	Hedging Financial Derivatives	Income tax	Unrealized Gains (losses)
	US\$(000)	US\$(000)	US\$(000)
Balances as of December 31, 2020	(13,142)	3,877	(9,265)
Total change in hedging derivative financial instruments	7,291	(2,151)	5,140
Total change in Financial investments	(7,630)	2,251	(5,379)
Balances as of December 31, 2021	<u>(13,481)</u>	<u>3,977</u>	<u>(9,504)</u>
Total change in Financial investments	95	(28)	67
Balances as of December 31, 2022	<u>(13,386)</u>	<u>3,949</u>	<u>(9,437)</u>

7. Property, Plant and Equipment, net

The activity and composition of this heading are presented below:

	Balances as of January 1, 2022	Additions	Write-offs	Transfers and / or Reclassifications	Estimation for deterioration	Balances as of December 31, 2022
<u>2022</u>	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)
<u>Cost</u>						
Land	23,537	382	-	-	-	23,919
Buidings and other constructions	976,667	7,500	-	36,375	58,455	1,078,997
Environmental management program infrastrl	22,281	-	(22,022)	-	-	259
Machinery and equipment	300,338	16,318	(123,646)	619	(143)	193,486
Transportation units	11,561	310	(8,371)	-	-	3,500
Furniture and fixtures and IT equipment	16,030	592	(6,137)	-	-	10,485
Miscellaneous equipment	497,908	28,071	(126,454)	1,574	(1,747)	399,352
Units in transit	1,602	1,288	-	(1,188)	(82)	1,620
Works in progress	79,696	78,600	(150)	(37,607)	(12,563)	107,976
	1,929,620	133,061	(286,780)	(227)	43,920	1,819,594
<u>Accumulated depreciation</u>						
Buidings and other constructions	(491,692)	(72,476)	-	-	-	(564,168)
Environmental management program infrastrl	(22,281)	-	22,022	-	-	(259)
Machinery and equipment	(248,315)	(13,411)	121,669	-	-	(140,057)
Transportation units	(10,920)	(211)	8,330	-	-	(2,801)
Furniture and fixtures and IT equipment	(12,913)	(1,031)	6,137	-	-	(7,807)
Miscellaneous equipment	(386,980)	(24,321)	123,281	-	-	(288,020)
	(1,173,101)	(111,450)	281,439	-	-	(1,003,112)
Net cost	756,519					816,482
<u>2021</u>						
Cost	1,859,667	102,994	(21,649)	(6)	(11,386)	1,929,620
Accumulated depreciation	(1,087,604)	(96,667)	11,170	-	-	(1,173,101)
Net cost	772,063					756,519

8. Assets by right of use

The activity and composition of this heading are presented below:

	Balances as of January 1, 2022	Additions	Sales and/or withdrawals	Transferencias y/o reclasificaciones	Estimación por deterioro	Balances as of December 31, 2022
<u>2022</u>	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)
<u>Cost</u>						
Operating machinery	33,321	7,570	(30,636)	-	-	10,255
Vehicles	10,688	7,316	(6,801)	-	(800)	10,403
Estate	244	-	(74)	-	-	170
	<u>44,253</u>	<u>14,886</u>	<u>(37,511)</u>	<u>-</u>	<u>(800)</u>	<u>20,828</u>
<u>Accumulated depreciation</u>						
Maquinaria de operación	(32,589)	(732)	30,636	-	-	(2,685)
Vehículos	(7,144)	(6,318)	6,801	-	-	(6,661)
Inmuebles	(135)	(36)	74	-	-	(97)
	<u>(39,868)</u>	<u>(7,086)</u>	<u>37,511</u>	<u>-</u>	<u>-</u>	<u>(9,443)</u>
Net cost	<u>4,385</u>					<u>11,385</u>
 <u>2021</u>						
Cost	39,327	4,325	797	(196)	-	44,253
Accumulated depreciation	<u>(35,042)</u>	<u>(4,826)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(39,868)</u>
Net cost	<u>4,285</u>					<u>4,385</u>

9. Mining exploration and evaluation costs, net

The activity and composition of this heading are presented below:

	Balances as of January 1, 2022	Additions	Sales and/or withdrawals	Corporate Cancellation	Low Company	Impairment Recovery	Application IFRS 5	Balances as of December 31, 2022
<u>2022</u>	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)
<u>Cost</u>								
Mining rights and concessions	272,001	-	-	-	-	-	-	272,001
Exploration	303,626	14,076	-	-	-	(5,155)	-	312,547
Development and stripping costs	904,488	90,086	-	-	-	(164,000)	-	830,574
Closing of mining units	154,019	-	-	-	-	-	-	217,595
Communal rights	24,384	-	-	-	-	-	-	24,645
Other intangible assets	17,822	1,601	(8,169)	227	-	(35)	-	11,446
	1,676,340	105,763	(8,169)	227	-	(169,190)	-	1,668,808
<u>Accumulated amortization</u>								
Mining rights and concessions	(206,140)	(5,701)	-	-	-	-	-	(211,841)
Exploration	(143,301)	(20,084)	-	-	-	-	-	(163,385)
Development and stripping costs	(439,511)	(63,104)	-	-	-	-	-	(502,615)
Closing of mining units	(67,153)	(13,575)	-	-	-	-	-	(80,728)
Communal rights	(3,964)	(2,850)	-	-	-	-	-	(6,814)
Other intangible assets	(14,288)	(941)	8,169	-	-	-	-	(7,060)
	(874,357)	(106,255)	8,169	-	-	-	-	(972,443)
Net cost	801,983							696,365
<u>2021</u>								
Cost	1,572,165	83,762	(921)	-	-	(1,814)	-	1,676,340
Accumulated amortization	(781,612)	(92,745)	-	-	-	-	-	(874,357)
Net cost	790,553							801,983

10. Financial obligations:

The activity and composition of this heading are presented below:

	Balances as of January 1, 2022	Others	Loans	Payment	Balances as of December 31, 2022	Current	Non-current
	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)	US\$ (000)
Financial Institutions - leasing							
Banco internacional del Perú-Interbank	9,385	-	2,454	(5,469)	6,370	3,797	2,573
Scotiabank Perú S.A.A.	15,123	-	14,551	(9,470)	20,204	9,719	10,485
Financial Institutions - loans	-				-		
Banco internacional del Perú-Interbank	2,114	-	-	(2,114)	-	-	-
Scotiabank Perú S.A.A.	2,114	-	-	(2,114)	-	-	-
Banco internacional del Perú-Interbank	1,781	255	-	(1,596)	440	440	-
Banco internacional del Perú-Interbank	1,781	197	-	(1,426)	552	552	-
Banco internacional del Perú-Interbank	581	70	-	(471)	180	180	-
Banco internacional del Perú-Interbank	1,319	110	-	(873)	556	556	-
Scotiabank Perú S.A.A.	505	42	-	(319)	228	228	-
Scotiabank Perú S.A.A.	1,173	98	-	(709)	562	562	-
Scotiabank Perú S.A.A.	521	43	-	(314)	250	250	-
Syndicated loans	-	-	400,000	-	400,000	-	-
Fees	-	(3,045)	-	-	(3,045)	-	-
Bonds							
600 MM	410,264	-	-	(410,264)	-	-	-
475 MM	475,000	(6,600)	-	(103,400)	365,000	-	365,000
Emissions costos - Bonds	(5,894)	2,496	-	-	(3,398)	-	(3,398)
	915,767	(6,334)	417,005	(538,539)	787,899	16,284	374,660
Interest payable	18,194	6	42,593	(48,195)	12,598	12,598	-
Interest payable - leasing	-	-	850	(850)	-	-	-
Operating lease (IFRS 16)	2,494	161	14,900	(6,583)	10,972	5,815	5,157
	20,688	167	58,343	(55,628)	23,570	18,413	5,157
TOTAL	936,455	(6,167)	475,348	(594,167)	811,469	34,697	379,817
Financial obligations current	451,144				34,697		
Financial obligations non-current	485,311				776,772		

11. Deferred income tax

(a) The composition of this heading, according to the items originating same, is provided below:

	As of December 31, 2022	As of December 31, 2021
	US\$(000)	US\$(000)
Deferred assets		
Provision for the closing of mining units	62,553	42,846
Expenses of amortization of property, plant and equipment and amortization of mining rights and concessions, exploration, development and stripping costs	52,259	68,154
Recoverable tax loss	22,034	27,838
Contingencies provisions	7,428	7,104
Fair value Polpaico Cement	7,075	7,104
Provision for communities	5,778	5,627
Interest undercapitalization	4,863	4,647
Estimation for devaluation of inventories	3,694	3,428
Provision for operating lease	3,047	709
Vacation payments outstanding	1,812	1,712
Provision of mining royalties	730	980
Provision for doubtful accounts	50	50
Fair value of derivatives financial instruments	-	661
Other minors	1,951	1,446
Deferred assets	173,274	172,306
Deferred liabilities		
Utilization of amortization of mining rights and concessions, exploration, development and stripping costs and amortization of property, plant and equipment	240,515	274,864
Effect by translation of the tax benefits to dollars	57,424	79,139
Fair value of shares	4,747	5,143
Insurance indemnity	2,025	2,025
Financial expenses for financial obligations	1,901	1,772
Embedded derivative and sales adjustment	988	2,333
Other minors	1,950	6,861
Deferred liabilities	309,550	372,137
Assets (Liabilities) Net deferred	(136,276)	(199,831)

(b) The income tax expense carried in the income statement:

	For the period from October 1 to December 31		For the cumulative period from January 1 to December 31	
	2022 US\$(000)	2021 US\$(000)	2022 US\$(000)	2021 US\$(000)
Income Tax				
Current	(1,585)	(14,142)	(29,499)	(26,539)
Deferred	47,369	3,068	63,583	(12,662)
	<u>45,784</u>	<u>(11,074)</u>	<u>34,084</u>	<u>(39,201)</u>
Tax on mining royalties	(2,900)	(3,892)	(13,548)	(14,398)
Contribution to the retirement fund	(29)	(135)	(404)	(314)
Total income (loss) tax expense	<u>42,855</u>	<u>(15,101)</u>	<u>20,132</u>	<u>(53,913)</u>

12. Issued capital

It is represented by 1,633,414,553 class “A” shares with right to vote and 2,443,157,622 class “B” shares with no right to vote but right to preference dividend distribution; such right is not cumulative. From the total, 182,994,435 class “A” shares and 12,234,901 class “B” shares are held by subsidiary Empresa Minera Paragsha S.A.C.; 23,442,345 class “A” shares by subsidiary Compañía Minera Chungar S.A.C., 306,283 class “A” shares by subsidiary Compañía Industrial Limitada de Huacho S.A.

Both class “A” and class “B” common shares listed in the Lima Stock Exchange were frequently traded by the stock market. As of December 31, 2022, their quotation was S/ 1.50 and S/ 0.51 per share, respectively (S/ 3.25 and S/ 0.60 per share, respectively, as of December 31, 2021).

The Class “A” common share has the right to vote at the company's General Shareholders' Meeting and the Class “B” share has the preferential right to participate in the distribution of cash dividends; as well as the other rights included in the Statute of the company and the applicable laws”.

At the board meeting held on January 23, 2017, the directors approved the distribution of cash dividends of up to S/ 49,106 thousand (equivalent to US\$.14,854 thousand) in favor of the shareholders, which correspond to the profits of fiscal year 2014. Said dividends were paid on February 28, 2017.

At the board meeting held on October 2, 2017, the directors approved the distribution of cash dividends of up to S/ 54,584 thousand (equivalent to US\$.16,397 thousand) in favor of the shareholders, which correspond to the profits of fiscal year 2016. Said dividends were paid on October 27, 2017.

In November 2017, Glencore International AG, subsidiary of Glencore PLC, conducted a Public Acquisition Tender of common class A shares and purchased 603,077,387 shares. Glencore PLC and its related entities, at the announcement date of the Public Acquisition Tender, were the owners of 295,754,888 shares, with which they accumulated 898,832,275 common class A voting shares, which represent 63% of common outstanding class A voting shares, and an economic interest of 23.29%, excluding treasury shares.

At the board meeting held on July 24, 2018, the directors approved the distribution of cash dividends in advance on account of freely available profits as of June 30 of up to S/ 54,583 thousand (equivalent to US\$16,641 thousand) in favor of the shareholders, which correspond to the profits of fiscal year 2018. Said dividends were paid on August 22, 2018.

13. Net sales

The table herein below provides a detail of net sales:

	For the period from October 1 to December 31		For the cumulative period from January 1 to December 31	
	2022 US\$(000)	2021 US\$(000)	2022 US\$(000)	2021 US\$(000)
Net concentrate sales				
Zinc	133,696	151,629	572,683	477,229
Lead	47,428	61,843	180,489	211,574
Copper	12,520	17,270	53,428	65,394
Silver	14,738	11,300	58,762	80,668
Silver Bars	19,801	22,459	103,729	99,935
Final settlement adjustments	(12,946)	2,395	(10,075)	10,042
	<u>215,237</u>	<u>266,896</u>	<u>959,016</u>	<u>944,842</u>
Gain (loss) realized on financial instruments	-	(5,268)	-	(13,636)
Sales adjustment for the current period (a)	9,585	3,577	(1,610)	1,863
Embedded derivatives for the current period (b)	11,137	5,766	(3,420)	2,220
Committed sales estimate	(98)	3,416.00	(2,720)	2,110.00
	<u>235,861</u>	<u>274,387</u>	<u>951,266</u>	<u>937,399</u>

(a) Sales adjustment

Sales of concentrates by the Company and its Subsidiaries are based on commercial contracts whereby a provisional value is assigned to sales, to be adjusted in accordance with a forward and final quotation. The sales adjustment is regarded as an embedded derivative which must be separated from the contract. Sales agreements are related to future market prices. The embedded derivative does not qualify as a hedging instrument; accordingly, any changes in its fair value are charged to profit and loss. As of december 31, 2022 and 2021, the Company holds embedded derivatives based on forward prices with respect to the anticipated liquidation date, since, under commercial contracts, final prices are to be established over the next months. The adjustment of the provisional sales value is recorded as an adjustment of net current sales.

Sales of concentrates include adjustments to the provisional sales value resulting from changes in the embedded derivatives fair value. Such adjustments resulted a losses for US\$ 1,610 thousand and profit for US\$ 1,863 thousand in the twelve-months periods ended December 31, 2022 and 2021; respectively, and are shown as part of net sales.

(b) Embedded derivatives

As of December 31, 2022 and 2021 the fair value of embedded derivatives yielded in losses for US\$ 3,420 thousand and profit for US\$ 2,220 thousand respectively. It is shown in net sales in consolidated income statement. The price forecasts of our open positions as of December 31, 2022 and 2021 have been taken from entities that work with the London Metal Exchange (LME) publications.

14. Cost of sales

The composition of this below:

	For the period from October 1 to December 31		For the cumulative period from January 1 to December 31	
	2022 US\$(000)	2021 US\$(000)	2022 US\$(000)	2021 US\$(000)
Concentrates beginning inventory	14,495	12,615	11,383	14,209
Raw materials (extracted ore) beginning inventory	12,869	18,469	19,610	12,293
Production cost:				
Labor	21,801	20,185	87,178	75,657
Rental, power and other expenses	75,809	70,162	284,316	250,051
Supplies used	35,533	31,448	135,266	118,169
Depreciation and amortization	55,943	47,372	216,464	183,582
Exceptionals, others	-	820	-	2,580
Less - concentrates ending inventory	(11,036)	(11,383)	(11,036)	(11,383)
Less - raw materials (extracted ore) ending inventory	(13,547)	(19,610)	(13,547)	(19,610)
	<u>191,867</u>	<u>170,078</u>	<u>729,634</u>	<u>625,548</u>
Plant stoppage costs	6,920	7,317	30,714	26,551
Plant stoppage Depreciation and Amortization	380	1,232	2,395	3,932
Cost of sales - Plant stoppage maintenance	<u>7,300</u>	<u>8,549</u>	<u>33,109</u>	<u>30,483</u>
Total	<u>199,167</u>	<u>178,627</u>	<u>762,743</u>	<u>656,031</u>

15. Financial income (expenses)

The composition of this below:

	For the period from October 1 to December 31		For the cumulative period from January 1 to December 31	
	2022 US\$(000)	2021 US\$(000)	2022 US\$(000)	2021 US\$(000)
Financial income				
Loan interest	1,664	219	4,058	675
Anothe financial income	258	203	8,391	463
Dividends	1,685	-	2,302	-
Total other financial income	3,607	422	14,751	1,138
Financial expenses				
Interest on bonds issued	4,237	11,367	21,058	43,317
Financial costs for bond repurchase	-	-	1,546	4,688
Accrual of financial costs for anticipated cancelation of the syndicated loan	442	-	1,868	2,526
Interest on financial obligations	7,958	61	21,793	2,634
Effect of updating the present value of mine closure	862	712	3,191	2,846
Commissions and other expenses	1,664	(433)	5,191	3,724
Bond structuring expenses	220	1,051	1,965	1,051
	15,383	12,758	56,612	60,786
Closure of mines and communities	87	73	348	315
Operating lease (IFRS 16)	36	490	161	490
	123	563	509	805
Total financial expenses	15,506	13,321	57,121	61,591

16. Remuneration of the personal key

The remuneration of the key personnel of the Company and Subsidiaries as of December 31, 2022 and 2021 amounted to US\$ 9,019 thousand and US\$ 10,913 thousand, respectively and corresponds to salaries, participations, benefits and social charges, bonuses and extraordinary gratification.