Minsur S.A. and Subsidiaries

Unaudited interim condensed consolidated financial statements as of March 31, 2023, and December 31, 2022 (audited)

1. **Corporate information**

(a) Identification -

Minsur S.A. (hereinafter "the Company") was incorporated in Peru in October 1977. The activities of the Company are regulated by the Peruvian General Mining Law. The Company is a subsidiary of Breca Minería S.A.C. domiciled in Peru, which holds 99.99 percent of the Company's common shares and 6.31 percent of its investment shares. The Company's registered address is Jirón Giovanni Batista Lorenzo Bernini 149, Office 501A, San Borja, Lima, Peru.

(b) Business activity -

The main activity of the Company is the production and selling of metallic tin that it is obtained from the mineral exploited in the San Rafael Mine, located in the region of Puno, and the production and selling of gold that is obtained of Pucamarca mine, located in the region of Tacna.

Through its subsidiary Minera Latinoamericana S.A.C., the Company has investments in Mineração Taboca S.A. and Subsidiary (which operate the tin mine and a smelting plant located in Brazil), in Inversiones Cordillera del Sur II SpA (holding of shares of a group mainly dedicated to the production and selling of cement in Chile) in Minera Andes del Sur S.P.A. and Subsidiary (a Chilean company engaged in mining exploration activities), and in Inversiones Cordillera Inmobiliaria SpA (a Chilean company dedicated to investment in personal property). As explained in note 3.1(e), the investments in Inversiones Cordillera del Sur II SpA and Inversiones Cordillera Inmobiliaria SpA are accounted as an investment in associates.

Through the subsidiary Minera Latinoamericana S.A.C., the Company holds shares in Minera Mineração Taboca S.A and Subsidiary, an open pit mining company in Presidente Figueiredo – Amazonas, Brazil called Pitinga, with a processing capacity of 7 million metric tons of ore per year. Which operates with an alloy smelting plant with a production capacity of 4,000 tons per year and a tin foundry in Pirapora, with a production capacity of 7,000 tons of grade AAA tin (99.97% grade), which is registered under the name "Mamoré" on the LME (London Metal Exchange).

In addition, through its subsidiary Cumbres Andinas S.A.C., the Company hold shares in Marcobre S.A.C., mining company dedicated to is the extraction, production and commercialization of copper concentrates and cathodes, and began commercial operations on August 1, 2021. Marcobre S.A.C. operates an open pit mine, with a processing capacity of 6 million metric tons per year for sulfides and 12 million metric tons per year for oxides, which is located in the province of Nazca, region of Ica. The estimated investment of the Mina Justa project amount of US$1.8 billion and is expected to have an average annual production for the Life Of the Mine "LOM" of 169,091 wet tons of copper concentrated and 39,852 tons of copper cathode.

Likewise, through its subsidiary Cumbres del Sur S.A.C. the Company carries out mining rights exploration and exploitation activities and in general, any of the activities directly or indirectly included in the mining activity, mainly concentrated in the Marta mining Unit, which is in the exploration and resource evaluation stage. minerals and closure of its environmental liabilities at the Regina mining Unit.

(c) Covid-19 -

The Covid-19 outbreak was first reported in late 2019 in Wuhan, China. Since then, the virus has spread throughout the world. On March 11, 2020, the World Health Organization (WHO) declared the Covid-19 outbreak a pandemic. Through 2022, the Covid-19 pandemic is showing considerable signs of relief, as many countries have lifted travel bans, ended lockdowns, and limited quarantine measures.

On March 15, 2020 and by Supreme Decree No. 044-2020, the Peruvian Government declared a state of emergency at the national level and mandatory social isolation. In accordance with the provisions of the Peruvian Government, the Group's operations gradually restarted its productive activities during the first weeks of May 2020, beginning with the implementation of new security protocols and then mobilizing personnel and resuming their normal production levels during the period third quarter of 2020, levels that have been maintained throughout 2021 and 2022.

On October 27, 2022 and through Supreme Decree No. 130-2022, the Peruvian Government declared the end of the state of emergency due to Covid-19 throughout the Peruvian territory, eliminating all coronavirus restrictions and promoting vaccination against Covid-19.

Subsidiaries in Brazil

At the beginning of April 2020, aware of its social role, the Group took measures to protect and safeguard the health of its employees, in accordance with the recommendations of the World Health Organization and the Ministry of Health, deciding to suspend activities in the Pitinga and Pirapora units. The subsidiary Mineração Taboca S.A. resumed its production levels during the third quarter of 2020, levels which has been maintained throughout 2021 and 2022.

Since the beginning of Covid-19, the Group has taken several measures to preserve the health of its employees and to prevent contagion in the administrative and operational areas of the subsidiaries, such as remote work, rigorous cleaning of work environments, distribution of personal protective equipment, testing of suspected cases and measurement of body temperature.

The Group's management has been continuously monitoring the potential short-, medium- and long-term implications of Covid-19 on its consolidated financial statements and considers that these measures will not have an impact on the continuity and development of the operations of the Company and its subsidiaries because the mining activity is within the group of permitted economic activities. Also, on May 5, 2023, the WHO lifted the international emergency for the COVID-19 pandemic, which had been declared since January 30, 2020, due to the significant reduction in severe cases and deaths globally.

(d) Temporary stoppage and restart of operations at San Rafael Mining Unit

In mid-January 2023, the Peruvian government declared a State of Emergency in certain regions of the country for a period of 30 days, in order to contain the mobilizations, road blockades and social conflicts that occurred in these regions and that originated sensitive events, added in some cases to the regular impediment of trade and the continuity of productive activities in the area, one of the most affected regions being the Puno Region.

In line with the regional mourning decreed as a result of these events and in order to safeguard the integrity of employees and its facilities, the Company decided to temporarily stop operations at the San Rafael Mining Unit as of January 12, 2023.

During March, in line with the reduction of social conflicts in Puno, the Group was able to resume production progressively at the San Rafael mining unit which, at the date of issuance of this document, is operating under normal conditions.

(e) Consolidated financial statements –

The consolidated financial statements include the financial statements of the Company and its subsidiaries (together, the Group):

	Equity interest			
	Marhc 31, 2023		December 31, 2022	
	Direct %	Indirect %	Direct %	Indirect %
Subsidiaries in Chile:				
Minera Andes del Sur SPA	-	100.00	-	100.00
Subsidiaries in Brazil:				
Mineração Taboca S.A.	-	100.00	-	100.00
Mamoré Mineração e Metalurgia Ltda.	-	100.00	-	100.00
Subsidiaries in Perú:				
Minera Latinoamericana S.A.C.	99.99	-	99.99	-
Cumbres Andinas S.A.C.	60.00	-	60.00	-
Cumbres del Sur S.A.C.	99.98	-	99.98	-
Marcobre S.A.C.	-	60.00	-	60.00

A brief summary of the business activities of the entities included in the consolidated financial statements is presented below:

- Minera Andes del Sur SPA. -

  The corporate purpose of this subsidiary is the exploration and exploitation of mining properties that are acquired or obtained and that facilitate or allow the exploitation of the mineral substances contained them.

- Tarianta SPA. –

  At the General Shareholders' Meeting held on January 25, 2021, the dissolution and liquidation of the subsidiary Tarianta SPA was approved, as a result of the closure of operations in Chile of one of the partners. This company was dedicated to of mining exploration activities in Chile, as well as the development of mining projects and other related activities. After a legal process before the Chilean authorities, the liquidation was carried out with an effective date of October 20, 2021, consequently, the return of contributions and allocation of assets in relation to the participation of the shareholders Quantum Discoveries Chile SPA and Minera Andes del Sur.

- Mineração Taboca S.A. -

  This mining entity is engaged in the exploitation of the Pitinga mine, located in the northeast region in the Amazonas state, in the Federative Republic of Brazil. This mine has mainly resources of tin, as well as other minerals. Mineração Taboca S.A. also operates the Pirapora smelter located in Sao Paulo.

- Mamoré Mineração e Metalurgia Ltda. -
  This subsidiary is engaged in lease the Pirapora smelting plant in Sao Paulo, Brazil to Mineração Taboca for its operation.

- Minera Latinoamericana S.A.C. -
  Through this Subsidiary, the Company has investments in Mineração Taboca S.A. and its Subsidiary, as well as in Inversiones Cordillera del Sur SpA., Inversiones Cordillera Inmobiliaria SpA and Minera Andes del Sur S.p.A.

- Cumbres Andinas S.A.C. -
  Currently, the activity of this subsidiary is limited to holding 100 percent of shares of the mining company Marcobre S.A.C. mining company whose main activity is the exploration of mining rights, the production and commercialization of copper cathodes from the Mina Justa project.

- Marcobre S.A.C. -
  The main activity of the subsidiary is the exploitation and commercialization of cathodes and copper concentrate in the Mina Justa operation, located in the Nazca province, Ica region.

- Cumbres del Sur S.A.C. -
  The purpose of this subsidiary is the exploration and exploration of mining rights and, in general, any other activities directly or indirectly included in the mining activity, mainly concentrated in the Marta mining unit, which is in the exploration and evaluation stage of mineral resources and closure of its environmental liabilities at the Regina mining unit.

(f) Approval of the interim condensed consolidated financial statements. -
The unaudited interim condensed consolidated financial statements as of March 31, 2023 were approved for issuance by the Group's Management on May 12, 2023.

2. Basis of preparation and accounting policies

2.1. Basis of preparation -

The interim condensed financial statements of the Group have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (hereinafter “IASB”) in force as of March 31, 2023.

The interim condensed consolidated financial statements have been prepared on a historical cost basis, except for the trade accounts receivable, the financial assets at fair value through profit or loss, the financial assets at fair value through other comprehensive income and derivative financial instruments, which have been measured at fair value.

The interim condensed consolidated financial statements are presented in United States Dollars (US$) and all values have been rounded to the nearest thousands, except when otherwise indicated.

The interim condensed consolidated financial statements provide comparative information for prior periods, however, do not include all the information and disclosures required in the annual consolidated financial statements and should be read in conjunction with the Group's audited consolidated financial statements as of December 31,2022.

The Group has prepared its interim condensed consolidated financial statements under the going concern assumption. In order to carry out its evaluation of a going concern, Management has taken into consideration the matters that may cause an interruption of its operations. Management has considered all future available information that it has obtained after the reporting date up to the date of approval and issuance of the accompanying interim condensed consolidated financial statements.

2.2. Change in accounting policies and disclosure –

Certain standards and amendments are effective for annual periods beginning on or after January 1, 2023. The Group has not early adopted any standard, interpretation or amendment issued and not yet effective.

Definition of Accounting Estimates - Amendments to IAS 8

The amendments to IAS 8 clarify the distinction between changes in accounting estimates and changes in accounting policies and the correction of errors. They also clarify how entities use measurement techniques and inputs to develop accounting.

This amendment had no impact on the Group's interim consolidated financial statements.

Disclosure of accounting policies - Amendments to IAS 1 and the IFRS 2 Practice Statement

The amendments to IAS 1 and IFRS Practice Statement 2, Making judgments about materiality provide guidance and examples to assist entities in applying materiality judgments to accounting policy disclosures. The amendments are intended to help entities provide accounting policy disclosures that are more useful by replacing the requirement for entities to disclose their "significant" accounting policy information with a requirement to disclose their "material" accounting policies and by adding guidance on how entities apply the concept of materiality in making decisions about accounting policy disclosures. This amendment had no impact on the Group's interim consolidated financial statements but is expected to affect the accounting policy disclosures in the Group's annual consolidated financial statements.

Deferred Taxes Related to Assets and Liabilities Arising from a One-Time Transaction - Amendments to IAS 12

The amendments to IAS 12 Income Taxes reduce the scope of the initial recognition exception, so that it no longer applies to transactions that give rise to equal taxable and deductible temporary differences, such as leases and passive decommissioning. This amendment had no impact on the Group's interim consolidated financial statements.

3. Cash and cash equivalents

(a) The composition of this caption is presented below:

	As of March 31, 2023	As of December 31,2022
	US$(000)	US$(000)
Cash on hand and petty cash	13	43
Bank current accounts (b)	16,196	7,718
Time deposits (c)	198,884	222,048
Certificates of bank deposits (d)	1,098	263
Total	**216,191**	**230,072**

(b) As of March 31, 2023 and December 31, 2022, the Group maintains its cash demand deposits in local and foreign banks of first level and are freely available and generate interest at market rates.

(c) Time deposits have original maturities of less than 90 days and can be renewed at maturity. As of March 31, 2023 and December 31, 2022, these deposits earned interest at market interest rates, and were settled in April 2023 and January 2023, respectively.

(d) As of March 31, 2023 they correspond to bank deposit certificates-CDB's maintained by Mineração Taboca S.A. for R$5,567,000 (equivalent to US$1,098,000) that accrue interest at a rate of 30 percent CDI and have an original maturity of less than 90 days, (R$1,388,000, equivalent to US$263,000, as of December 31, 2022 that accrue interest at a rate of 30 percent CDI).

4. Trade and other receivables, net

(a) The composition of this caption is presented below:

	As of March 31, 2023	As of December 31,2022
	US$(000)	US$(000)
Trade (b):		
Invoices receivable	308,894	425,774
Changes in the fair value	33,784	21,437
	342,678	447,211
Other receivables:		
Value added tax credit and other tax credits (c)	77,666	85,205
Advances to suppliers	4,351	3,047
Related parties, note 17(a)	2,590	2,670
Invoices receivable for the sale of other supplies and fixed assets	1,786	2,695
Judicial deposits (e)	1,047	1,390
Restricted funds	470	805
Interest receivable	93	182
Tax claim recovery (d)	0	5,146
Loans to employees	0	30
Others	1,151	484
	89,154	101,654
Total	431,832	548,865
By maturity:		
Current	382,954	505,830
Non Current	48,878	43,035
Total	431,832	548,865
By nature:		
Financial Asset	354,166	463,660
Non-Financial Asset	77,666	85,205
Total	431,832	548,865

Classification by its measurement:		
Trade accounts receivable (not subject to provisional prices)	75,532	142,443
Trade accounts receivable (measured at fair value subject to provisional pricing)	267,146	336,404
Sundry accounts receivable	89,154	70,018
Total	431,832	548,865

(b) As of March 31, 2023 and December 31, 2022, trade accounts receivable does not bear interest and do not have specific guarantees. In the estimation process of expected credit losses, Management evaluates credit risk and individual credit limits. The evaluation is performed at each reporting date using an estimation matrix to measure the expected credit losses.

(c) As of March 31, 2023 and December 31, 2022, this caption mainly corresponds to the credit for the value added tax (hereinafter "VAT") that results from purchases of goods and services resulting from the activities of construction and development carried out by the subsidiaries in Peru and Brazil (Cumbres del Sur S.A.C. and Marcobre S.A.C.) that will be offset with the VAT payable product of operations of the Subsidiary in Perú (Marcobre S.A.C.) and by the value added tax of the production activities of the subsidiary in Brazil (Mineração Taboca S.A.).

The subsidiary Cumbres del Sur S.A.C. has evaluated the recoverability of the general sales tax credit balance as of March 31, 2023 for US$11,214,000 (US$10,881,000as of December 31, 2022) and considers that it will be used.

(d) In the first quarter of 2023, the Group collected US$5,146,000 (equivalent to S/15,598,000) related to the 2007 and 2008 income tax processes.

During 2022, the Group obtained a refund of US$9,226,000 (US$69,745,000 during 2021) through "Régimen Especial
de Recuperación Anticipada" of IGV (hereinafter "RERA") with the Exploration Investment Contract regime (hereinafter " CIE" and US$6,713,000 through the Balance in Favor of the Exporter (hereinafter SFE).

(e) As of March 31, 2023 and December 31, 2022, this item comprises judicial deposits held by the subsidiary Mineração Taboca S.A. corresponding to processes that were settled through the financing of debts to the Brazilian tax administration (REFIS) and where the review initiated in 2014 by the Secretariat of the Federal Revenue of Brazil and by the Attorney General's Office of the National Treasury of Brazil is being developed, to require the release and consequent lifting of the deposited amounts.

5. Inventory, net

(a) The composition of this caption is presented below:

	As of March 31, 2023	As of December 31,2022
	US$(000)	US$(000)
Work in progress (b)	427,937	413,832
Materials and supplies	94,032	86,323
Finished products	48,337	30,867
Inventory in transit	7,133	7,812
Mineral extracted	5,098	7,450
	582,537	546,284
Allowance for obsolescence	(4,202)	(4,701)
Allowance for impairment	(1,034)	(729)
	577,301	540,854
By maturity:		
Current	208,705	205,343
Non Current	368,596	335,511
Total	577,301	540,854

(b) As of March 31, 2023 and December 31, 2022, corresponds to the mined material extracted as part of the mining activities in the open pit of the Mina Justa commercial operation, which is used as raw material for our production.

6. Financial assets at fair value through other comprehensive income

(a) The available-for-sale financial investments include the following:

	2023			
	Cost	**Unrealized results**	**Share performance**	**Fair Value**
	US$(000)	US$(000)	US$(000)	US$(000)
Rímac Seguros y Reaseguros	21,070	(4,008)	746	17,808
Total	21,070	(4,008)	746	17,808

	2022				
	Cost	**Unrealized results**	**Share performance**	**Sale of the investment**	**Fair Value**
	US$(000)	US$(000)	US$(000)	US$(000)	US$(000)
Rímac Seguros y Reaseguros	21,070	(5,414)	746	-	16,402
BBVA Spain	14,845	(9,862)	503	(5,486)	-
Total	35,915	(15,276)	1,249	(5,486)	16,402

(b) The movement of financial assets measured at fair value through other comprehensive income is presented below:

	As of March 31, 2023	As of December 31,2022
	US$(000)	US$(000)
Openning balance	16,402	23,073
Settlement of Investments (d)	-	(5,486)
Unrealized results	1,406	(1,185)
Ending balance	17,808	16,402
By maturity:		
Non-current portion	17,808	16,402
Total	17,808	16,402

(c) As of March 31, 2023, and December 31, 2022, the fair value of the investments in Rimac Seguros y Reaseguros has been determined based on its listing on the Lima Stock Exchange.

(d) In March 2022, the Company sold all the shares it held in BBVA Spain for a total value of €4,799,000, equivalent to US$5,487,000. Likewise, the accumulated loss due to the update to fair value in other comprehensive income was reclassified to the retained earnings caption for US$9,862,000.

(e) As of March 31, 2023, and December 31, 2022, the Group has not received cash dividends.

(f) As of March 31, 2023, the Group has not received any stock dividends. As of December 31, 2022, the Group has received stock dividends of US$1,209,000 from its investments in Rimac which were credited to the consolidated statement of other comprehensive income.

7. Investments in associates

(a) This caption is made up as follows:

	Interest in equity		Equity value	
	As of March 31, 2023	As of December 31,2022	As of March 31, 2023	As of December 31,2022
	%	%	US$(000)	US$(000)
Inversiones Cordillera del Sur SpA.	73.85	73.85	173,666	170,178
Inversiones Cordillera Inmobiliaria SpA. (b)	73.85	73.85	69,694	67,882
Futura Consorcio Inmobiliario S.A.	3.31	3.31	2,910	2,893
			246,270	240,953

The Group has recognized its investments in Futura Consorcio Inmobiliario S.A., Inversiones Cordillera del Sur II SpA and Inversiones Cordillera Inmobiliaria SpA., as investments in associates, considering that are managed by the same economic group.

In the second quarter of 2022, the subsidiary Minera Latinoamericana S.A.C. and Breca Cementos S.A.C. as shareholders of Inversiones Cordillera del Sur II SpA, approved the 25.5% spin-off of the equity block, generating a new company named in the minutes as Inversiones Cordillera del Sur Inmobiliaria SpA. The purpose of the associate is to make investments in movable, tangible or intangible property, shares of corporations or joint-stock companies, rights in other companies, bonds, commercial paper and other securities; administer them, transfer them, exploit them and perceive their fruits; and, in general, carry out all kinds of acts and enter into all contracts that are necessary for the fulfillment of the company's purpose or the development of its line of business.

(b) The net share of the profits of its associated companies is as follows:

	For periods of three months ended March 31,	
	2023	2022
	US$(000)	US$(000)
Inversiones Cordillera del Sur Ltda. y subsidiarias	(1,142)	1,189
Inversiones Cordillera Inmobiliaria Lta.	(28)	-
Futura Consorcio Inmobiliario S.A.	9	6
Total	(1,161)	1,195

As of March 31, 2023 and December 31, 2022, the Group concluded that there is no indication of impairment for its investments in associates, therefore, it did not make a formal estimate of the recoverable amount.

8. Property, plant and equipment, net

(a) The composition and movement of this caption in shown below:

	Balance as of January 1, 2023	Additions	Mine closure update	Depreciation	Disposals	Reclassification	Translating adjustment	Balance as of March 31, 2023
Cost	3,316,657	34,910	5,732	-	(189)	(634)	14,195	3,370,671
Depreciation	(1,128,475)	-	-	(48,252)	170	(3)	(5,809)	(1,182,369)
	2,188,182	34,910	5,732	(48,252)	(19)	(637)	8,386	2,188,302

	Balance as of January 1, 2022	Additions	Mine closure update	Depreciation	Disposals	Reclassification	Translating adjustment	Balance as of March 31, 2022
Cost	2,980,506	59,496	(6,584)	-	(4,136)	(2,010)	47,204	3,074,476
Depreciation	(915,937)	-	-	(45,565)	33	-	(20,032)	(981,501)
	2,064,569	59,496	(6,584)	(45,565)	(4,103)	(2,010)	27,172	2,092,975

(b) The depreciation expense has been distributed in the consolidated statements of profit or loss as follows:

	For periods of three months ended March 31,	
	2023	2022
	US$(000)	US$(000)
Cost of sales	43,647	45,332
Unabsorbed costs	4,298	-
Administration expenses	224	174
Exploration and evaluation expenses	51	20
Selling expenses	7	7
Other expenses	25	32
	48,252	45,565

(c) As of March 31, 2023, the capitalization of the starter dam as part of the B4 tailings dam project was made for US$ 111,841,000.

(d) As of March 31, 2023, the Group is currently working on the project related to the enlargement of the tailings dam for the San Rafael and B2 plants to ensure the continuity of operations. Also, there is the reinforcement of the oxide plant ponds, new acid tanks, expansion of the desalination plant, among others related to the subsidiary Marcobre.

(e) As of March 31, 2023 and March 31, 2022, the additions to the works in progress item mainly comprise the construction of the San Rafael water treatment system, the enlargement of the B4 tailings dam and the leaching pad at the Pucamarca mining unit. Also, the acquisition of trucks to increase the fleet and the implementation of a new furnace at the Pirapora unit.

(f) As of March 31, 2023, the net cost of machinery and equipment under capital leases amounted to US$372,000 (US$630,000,000 as of December 31, 2022).

(g) Impairment evaluation and reversal of impairment of mining units
In accordance with the Group's policies and procedures, each asset or cash-generating unit (CGU) is evaluated annually at the end of the period to determine whether there is any indication of impairment or reversal of impairment. If such indications exist, a formal estimate of the recoverable amount is made for the recognition of an impairment or reversal of impairment.

As of March 31, 2023, the Group concluded that there is no indication of impairment and therefore did not make a formal estimate of the recoverable amount.

9. Intangible assets, net

(a) The composition and movement of this caption in shown below:

	Balance as of January 1, 2023	Additions	Amortization	Reclassification	Translating adjustment	Balance as of March 31, 2023
Cost	867,721	16,754	-	280	3,003	887,758
Amortization	(198,436)	-	(22,462)	-	(871)	(221,769)
	669,285	16,754	(22,462)	280	2,132	665,989

	Balance as of January 1, 2022	Additions	Amortization	Reclassification	Translating adjustment	Balance as of March 31, 2022
Cost	800,208	14,800	-	2,010	11,715	828,733
Amortization	(98,343)	-	(20,176)	-	(3,095)	(121,614)
	701,865	14,800	(20,176)	2,010	8,620	707,119

(b) The amortization expense has been distributed in the consolidated statements of profit or loss as follows:

	For periods of three months ended March 31,	
	2023	**2022**
	US$(000)	US$(000)
Cost of sales	17,428	14,077
Mine development	4,870	6,021
Unabsorbed costs	95	-
Exploration expenses and studies	61	71
Administration expenses	6	6
Other expenses	2	1
	22,462	20,176

(c) As of March 31, 2023 and December 31, 2022, the, mining concessions and rights are mainly related to the subsidiaries Mineração Taboca and Marcobre.

10. Borrowings

(a) The composition of this caption is presented below:

Entity	**Guarantee**	**Interest rate**	**As of March 31, 2023**	**As of December 31,2022**
			US$(000)	US$(000)
Syndicated loan, net of structuring costs – Marcobre (c) and (d)	With guarantees	Sofr 3 meses + 1.75%	495,892	495,581
Corporate bonds 2031, net of issuance costs – Minsur (e)	Without guarantees	4.50% - 6.25%	487,696	487,412
Promissory note Banco Scotiabank Perú- Marcobre(g)	Without guarantees	5.80%	100,000	100,000
Bank Santander – Taboca (j)	With guarantees	SOFR + 2,80%	95,496	80,240
Promissory note Bank of Credit of Peru - Marcobre (f)	Without guarantees	2.40%	66,000	66,000
Interbank Bank Promissory Note – Minsur (i)	Without guarantees	4.13%-1.45%	40,000	40,000
Bank of America – Taboca (j)	With guarantees	2.47%	35,077	34,558
Citibank – Taboca (h)	Corporate Minsur	Libor 3 meses + Spread	24,284	31,899
Bank Itaú – Taboca (k)	Without guarantees	5.55%	5,512	-
Bank Santander – Taboca (k)	Without guarantees	7.12%	4,009	-
Bank Bradesco – Taboca (k)	Without guarantees	7.42%	3,007	-
Finance leases (l)	Without guarantees	1.30% - 3.05%	357	684
			1,357,330	1,336,374
By maturity:				
Currrent			218,632	206,684
Non-current			1,138,698	1,129,690
			1,357,330	1,336,374

(b) The following is the movement of financial obligations:

	As of March 31, 2023	**As of December 31,2022**
	US$(000)	US$(000)
Opening balance	1,336,374	1,551,180
Obtaining a syndicated loan - Marcobre (c) and (d)	-	500,000
Obtaining promissory note - Marcobre (f) and (g)	-	266,000
Obtaining loans ACC - Taboca (k)	12,479	16,102
Obtaining a loan Banco Santander -Taboca (j)	14,018	82,584
Amortized cost	311	18,688
Payment of promissory notes- Marcobre (f) and (g)	-	(166,000)
Payment of promissory notes-Minsur (i)	-	(55,000)

Syndicated loan payments - Marcobre (c) and (d)	-	(785,000)
Banco Santander loan payment (j)	-	(7,803)
Payment of loans ACC - Taboca (k)	-	(47,095)
Payment of loans Citibank - Taboca (h)	(7,969)	(32,766)
Corporate bond issuance costs 2031 (e)	284	-
Payment of finance leases (l)	(327)	(1,644)
Translation	2,160	(2,872)
	1,357,330	1,336,374

(c) On August 15, 2018 the subsidiary Marcobre subscribed a syndicated loan with a group of lenders composed by Export Development Canada; Export Finance and Insurance Corporation; KFW IPEX-Bank GMBH; The Export-Import Bank of Korea; Banco Bilbao Viscaya Argentaria, S.A.; Hong Kong, Banco de Crédito del Peru; BBVA Banco Continental; Credit Agricole Corporate and Investment Bank; ING Bank (a Branch of ING-DIBA AG); ING Capital LLC; Natixis London Branch; Natixis New York Branch, Société Génerale; and Banco Bilbao Viscaya Argentaria, S.A., New York Branch, for which it obtained a credit line of US$900,000,000. This loan was used for the development and build the Mina Justa project with a three-month variable interest Libor rate of 0.13% plus a spread of 1.57% on December 31, 2021. To obtain this loan, the Company counted with Minsur S.A. and Empresas Copec S.A. as guarantors. As of December 31, 2021, the subsidiary Marcobre has received the integrity of the loan for US$900,000,000 (US$792,000,000 as of December 31, 2020). During the month of December 2021, has made an amortization of the principal for US$115,000,000, and during the month of June 2022, the entire balance of the debt was prepaid for $784,995,000; terminating the syndicated loan (Mina Justa Project Finance) complying with the financial restrictions of said contract up to that date.

On June 17, 2022, the Marcobre subsidiary signed a loan agreement with Banco Bilbao Vizcaya SA (New York Branch); Banco de Crédito e Inversiones S.A.; Banco Sadabell, SA (Miami Branch); Bank of China Limited Panama Branch; Bank of China (Peru) S.A.; Citibank NA (Branch in Puerto Rico); export development canada; JP Morgan Chase Bank, NA; Natixis branch in New York and Corporación Bancaria Sumitomo Mitsui, for an amount of US$500,000,000, which had the objective of forming part of the funds for the total payment of the balance of the debt acquired in 2018, with a variable interest rate Tern SOFR 3 Months of 4.89% as of March 31, 2023, plus a) an average fixed margin of 1.75% per annum and b) an additional margin of 2.00% upon the occurrence of any event of default. The term of the contract is 5 years, with a 3-year grace period.

During the term of the current loan, the Marcobre subsidiary must comply with the following financial and non-financial reasons:

- Ratio of net financial debt over EBITDA, between 1 to 2.5 times, on the last day of each quarter.
- Minimum net worth, in accordance with International Financial Reporting Standards, of US$500,000,000 as of the last day of each quarter.
- The Marcobre subsidiary will not participate in any other business that is not a permitted business.

As of March 31, 2023, the subsidiary Marcobre has complied with the financial restrictions of the subscribed contract.

(d) On June 17, 2022, the Marcobre Subsidiary prepaid the entire syndicated loan for US$900,000,000, causing the structuring costs associated with said loan to be recognized for US$15,874,000 under financial expenses.

On June 17, 2022, the Marcobre Subsidiary obtained a new syndicated loan for US$500,000,000 for which it incurred debt structuring costs for an amount of US$5,064,000 as of December 31, 2022.

Interest on the loan calculated based on the CME TERM SOFR curve has been US$312,000 for the first quarter of 2023 (US$645,000 at December 31, 2022).

(e) The General Shareholders' Meeting held on October 18, 2021, agreed that the Company issue debt instruments (“the Bonds”) in the international stock market for the amount of US$500,000,000 at an interest rate of 4.5 percent per annum, with a maturity date of October 28, 2031. The amounts obtained from said financing were below par, obtaining US$488,140,000, which were used to meet the repurchase of its debt instrument: “6.250% Senior Notes Due 2024”, issued on January 31, 2014 for a face value of US$450,000,000 maturing on February 7, 2024 at a coupon rate of 6.25 percent, as well as cancel the financing of the syndicated loan obtained by the Company through contract loan agreement held on June 24, 2021.

On June 24, 2021, the Company entered into a syndicated loan with Bank of America N.A. and Banco Santander S.A. for US$300,000,000, of which on July 5, 2021, it allocated US$263,777,000 for the first prepayment of its debt instrument: “6.250% Senior Notes Due 2024”; Likewise, for prepayment premium and expenses associated with the transaction, the Company has recognized in the financial costs item of the consolidated income statement the amount of US$23,160,000.

Bonds restrict the ability of the Group to perform certain transactions; however, these restrictions do not condition the Group to comply with financial ratios or maintain specific levels of liquidity.

(f) On April 27, 2021, the Marcobre Subsidiary has received US$66,000,000 from Banco de Crédito del Peru through a bank promissory note to finance its working capital, which will be paid in a single payment of interest and capital at maturity. The maturity date of the promissory note is in April 2022 and it bears a fixed annual interest rate of 1.13%.

On April 27, 2022, the Marcobre Subsidiary renewed the promissory note for US$66,000,000 which matures in April 2023 and accrues a fixed annual interest rate of 2.40%.

(g) On June 30, 2022, the Marcobre Subsidiary has entered into a bank promissory note with Banco Scotiabank Perú S.A.A. for US$40,000,000 which will be paid in a single payment of interest and principal at maturity. The promissory note with original maturity in December 2022, was renewed for a period of 12 and accrues a fixed annual interest rate of 5.8%.

On December 22, 2022, the subsidiary Marcobre entered into a bank promissory note with Scotiabank Perú S.A.A. for US$60,000,000, which is payable in a single payment of interest and principal at maturity in December 2023 and accrues a fixed annual interest rate of 5.8%.

(h) Corresponds to “prepaid export - PPE” loans obtained by the subsidiary Minera Taboca during 2018, whose maturity dates is December 2023, the financing was carried out with the objective of reducing part of its short-term debts and improving cash flow in the subsidiary. According to the reform of the reference interest rate, the modification of the interest rate from Libor to SOFR is in the process of evaluation with the bank in order to define the transition conditions, which would take effect before June 2023, end date of the publication of the Libor rate.

(i) On May 2021, the Company has received US$95,000,000 through bank promissory notes to finance its working capital, which will be paid in a single payment of interest and capital at maturity. The financing date of the Banco Interbank promissory note (US$40,000,000) that had an original maturity in August 2022 and was renewed until August 2023, while the promissory notes provided by Banco Continental and Banco de Crédito del Peru for a total of US$55,000,000 were paid in May 2022.

(j) Corresponds to two type loans “LOAN Santander 4131” obtained by the subsidiary Mineração Taboca S.A. during the year 2022, whose maturity dates are in March 2026 and accrue an interest rate of SOFR+ 2.80%. The financing was made with the objective of settling the PPE fees with Citibank, the financing will coincide with the payments of the PPE fees.

(k) They correspond to loans of the type "advance of exchange contracts -ACC", obtained by the subsidiary Mineração Taboca S.A to finance their working capfital. Said loans are contracted in relation to their export operations, which also constitute the guarantees of the financed amounts.

(l) As of March 31, 2023 and December 31, 2022, the Group maintains financial leases with Banco de Crédito del Peru and Scotiabank del Peru for the purchase of machinery at a weighted average rate of 2.74% and 1.53%, respectively (2.74% and 1.52% as of December 31, 2022 with Banco de Crédito del Perú and Scotiabank del Perú), with maturities in 2023.

(m) As of March 31, 2023, the Company maintains joint guarantee by US$267,538,000 to guarantee liabilities of its subsidiary Mineração Taboca S.A with the following financial institutions:

Counterpart	**Guarantee to:**	**US$(000)**	**Maturity**
Citibank	Credits	26,538	December 2023
Bank of America NA	Credits	35,000	February 2026
Bank do Brazil	Credits	20,000	Without caducity
Bank Itaú	Credits	10,000	Without caducity
Bank Santander Brazil	Credits	10,000	Without caducity
Bank Santander Spain	Credits	96,000	March 2026
Bradesco	Credits	5,000	Without caducity
Merryl Lynch International	Derivative instruments	15,000	Without caducity
JP Morgan Chase Bank NA	Derivative instruments	10,000	Without caducity
Bank Itaú	Derivative instruments	10,000	Without caducity
Macquarie Bank	Derivative instruments	30,000	Without caducity
Total		267,538	

11. Provisions

The composition of this item is related to provisions for mine closure, environmental remediation, contingencies, performance bonuses and other provisions. The main variation during the first quarter of 2023 is explained by the updating of the mine closure provision in accordance with current accounting standards.

12. Income tax

(a) The Group calculates income tax for the period using the expected effective rate that would be applicable to annual results, the main components of income tax expense shown in the Interim consolidated income statements is composed as follows.

	For periods of three months ended March 31,	
	2023	**2022**
	US$(000)	US$(000)
Income tax		
Current	(45,112)	(85,436)
Deferred	(15,647)	(25,890)
	(60,759)	(111,326)
Mining royalties and special mining tax		
Current	(16,465)	(45,843)
Deferred	804	8,549
	(15,661)	(37,294)
	(76,420)	(148,620)

(b) As of March 31, 2023, the Group has an income tax payable and receivable of US$11,492,000 and US$35,116,000, respectively. As of December 31, 2022, the Group had income tax payable and receivable of US$4,364,000 and US$112,325,000.

(c) Deferred income tax on investments in associates -
The Group does not record the deferred income tax asset related to investments in its associates Inversiones Cordillera del Sur II SpA, Inversiones Cordillera Inmobiliaria SpA y Futura Consorcio Inmobiliario S.A.C. due to: (i) Inversiones Breca S.A. and subsidiaries have joint control of those companies, which operate as part of the economic group and, (ii) the Group has the intent and the ability to hold these investments in the long-term. Consequently, Management believes that the temporary difference will be reversed through dividends to be received in the future, which according to current tax rules are not subject to income tax. There is no legal or contractual obligation for the Group's Management to be forced to sell its investment in associates.

For informational purposes, the temporary differences of investments in associates would generate a deferred income tax asset amounting to US$3,905,000 as of March 31, 2023 (US$2,792,000 as of December 31, 2022), which has not been recognized in the accounts. consolidated financial statements of the Group.

13. Equity

(a) Declared and paid dividends –
Information on dividends declared and paid for the year 2022:

	Date	**Dividends declared and paid** US$(000)	**Dividends by common share** US$(000)	**Dividends per investment action** US$(000)
Dividends 2022				
Shareholders' meeting	June 15, 2022	64,000	2.2199	0.0222
Shareholders' meeting	September 13, 2022	210,000	7.2841	0.0728

(b) Legal reserve -

The Peruvian General Corporation Law requires that a minimum of 10 percent of the distributable earnings for each period, after deducting the income tax, needs to be transferred to a legal reserve until such is equal to 20 percent of the capital. This legal reserve can offset losses or can be capitalized, in both cases there is an obligation to replenish it.

As of December 31, 2022, the Group capitalized dividends past due for lack of collection of more than 3 years in accordance with the General Corporations Law for an amount of US$117,000. For the year 2023, the Group has not increased its legal reserve because it reached the limit mentioned above.

(c) Non-controlling interest contributions –

As of March 31, 2023 and December 31, 2022, there were no contributions from the non-controlling interest.

At the General Shareholders' Meeting held on March 20, 2023 of the subsidiary Cumbres Andinas, the Company
approved the payment of dividends, paying US$38,000,000 to Alxar Internacional SpA.

At the General Shareholders' Meeting held on July 18, 2022 of the subsidiary Cumbres Andinas, the return of non-controlling interest contributions was approved, paying US$70,400,000 to Alxar Internacional SpA.

14. Tax situation

As of March 31, 2023, there are no significant changes in the Group's tax position.

15. Net sales

The composition of this caption is presented below:

	For periods of three months ended March 31,	
	2023	**2022**
	US$(000)	US$(000)
Tin and other minerals	109,947	277,641
Copper concentrate	222,447	282,969
Copper cathodes	91,020	49,041
Gold	34,867	29,871
Niobium and tantalum	21,196	16,942
	479,477	656,464

Tin sales concentration - Peruvian market -

As of March 31, 2023 there is no significant concentration of sales. The three largest customers accounted for 33 percent of total sales (the three largest customers accounted for 48 percent of total sales at March 31, 2022). At March 31, 2023, these customers accounted for 37 percent of accounts receivable (51 percent at March 31, 2022).

Tin Sales Concentration - Brazilian Market -

At March 31, 2023, the top three customers represent 52 percent of total sales (80 percent at March 31, 2022) and 80 percent of accounts receivable correspond to these customers (67 percent at March 31, 2022).

Concentration of gold sales -

As of March 31, 2023, and 2022, the Group sold gold to 1 customer and 100 percent of the accounts receivable correspond to this customer.

Concentration of sales of niobium and tantalum -
As of March 31, 2023, the top three customers represent 60 percent of total sales (80 percent as of March 31, 2022) and 56 percent of accounts receivable correspond to these customers (67 percent as of March 31, 2022).

Concentration of sales of copper cathodes -
As of March 31, 2023, the top three customers represent 51 percent of total sales (90 percent as of March 31, 2022) and 49 percent of accounts receivable correspond to these customers (84 percent as of March 31, 2022).

Concentration of sales of copper concentrate –
As of March 31, 2023, the top three customers represent 57 percent of total sales (60 percent as of March 31, 2022) and 57 percent of accounts receivable correspond to these customers (35 percent as of March 31, 2022).

16. Cost of sales

(a) The composition of this caption is made up as follows:

	For periods of three months ended March 31,	
	2023 US$(000)	**2022** US$(000)
Opening balance of product in process inventory	382,874	202,550
Opening balance of finished product inventory	30,868	31,829
Services rendered by third parties	40,949	55,988
Consumption of raw material and miscellaneous supplies	75,551	57,108
Depreciation	46,457	48,004
Wages and salaries	37,760	50,541
Amortization, note 9(b)	17,428	14,077
Purchase of mining services from AESA S.A.	2,517	10,004
Unabsorbed costs	30,996	-
Electricity	8,417	10,569
Recovery (estimate) for obsolescence	(118)	(16)
Recovery of estimation due to devaluation of inventories	(202)	(25)
Out of inventory	1	39
Hedging derivative losses	(797)	(170)
Other manufacturing expenses	22,457	6,925
Capitalization Stripping cost	(16,753)	(14,450)
Translation	1,222	3,215
Final balance of work in process inventory, note	(389,757)	(253,497)
Final balance of finished product inventory, note	(48,337)	(41,272)
	241,533	181,419

(b) As mentioned in note 1 d), these costs correspond to indirect costs that were not absorbed in the production process because of the temporary stoppage of the San Rafael mining unit. The composition of this item is as follows:

	For periods of three months ended March 31,	
	2023	2022
Depreciation	5,190	-
Wages and salaries	7,737	-
Services rendered by third parties	11,833	-
Amortization, note 9(b)	95	-
Other manufacturing expenses	6,141	-
	30,996	-

17. Related parties' transactions

(a) Receivables and Payables -

The balances of the receivable and payable with related parties as of March 31, 2023 and December 31, 2022 follow:

	As of March 31, 2023	As of December 31,2022
	US$(000)	US$(000)
Classification by existing captions:		
Other receivables (current), note 4(a):		
Other related parties		
Compañía Minera Raura S.A.	2,341	2,094
Administración de Empresas S.A.	222	557
Clinica Internacional S.A.	27	19
	2,590	2,670
For paying commercial and various (current):		
Other related parties		
Rímac Seguros y Reaseguros	6,842	317
Administración de Empresas S.A.	4,634	7,658
Clínica Internacional. S.A.	340	422
Rímac S.A. Entidad prestadora de salud	178	153
Corporación Breca S.A.C.	129	38
Inversiones San Borja S.A.	96	220
Protección Personal S.A.C.	68	62
Centria Servicios Administrativos S.A.	15	18
Brein Hub S.A.C.	9	1,733
Inversiones Nacionales de Turismo S.A.	9	27
Corporación Peruana de Productos Químicos S.A.	5	16
Terpel Comercial del Peru S.R.L.	-	672
Compañía Minera Raura S.A.	-	1
	12,325	11,337
Financial obligations		
Other related parties		
Inversiones San Borja S.A.	2,629	2,846
Administración de Empresas S.A.	9,053	9,964
	11,682	12,810
	24,007	24,147
Classification by nature:		
Commercial	12,325	11,337
Financial Obligations	11,682	12,810
	24,007	24,147

There have been no guarantees provided or received for any related party receivables or payables. For the year ended March 31, 2023 and December 31, 2022, the Group has not recorded any impairment of receivables related to amounts owed by related parties. This assessment is undertaken each financial year through examining the financial position of the related party and the market in which the related party operates.

Balances payable to related companies are current maturities, interest free and have no specific guarantees.

(b) Remunerations -

The compensation received by key personnel of the Group for the years ended March 31, 2023 and December 31, 2022 has been recognized as an expense in the consolidated statement of profit or loss and there are as follows:

	For periods of three months ended March 31,	
	2023	**2022**
	US$(000)	US$(000)
Perú		
Remuneration	11,095	20,117
Directors' allowance	133	132
	11,228	20,249
Brasil		
Fixed remuneration	318	369
Variable remuneration	0	1,375
	318	1,744
Total	11,546	21,993

The Group does not remunerate Management with post-employment benefits, termination of contract, or share-based payments.

18. Commitments

(a) Commitment of capital expenditures

The capital expense that will be paid and recognized in the future related to the Mina Justa mining unit, agreed on the date of the consolidated statement of financial position is as follows:

	2023	**2022**
	US$(000)	US$(000)
Property, plant and equipment	76,608	26,220

19. Contingencies

As of March 31, 2023, the Group has not presented significant changes in contingencies with respect to what was reported in the 2022 audited report.

20. Segment information

Management has determined the operating segments of the Group based on the reports used for decision making. Management considers business units based on their products, activities and geographical location:

- Production and sale of tin extracted from Peru.
- Production and sale of tin extracted from Brazil.
- Production and sale of gold extracted from Peru.
- Production and sale of copper produced in Peru.
- Other mining exploration and development activities in Peru and Chile.

No operating segments have been aggregated to form the above reportable operating segments.

All the non-current assets are located in Perú, Brazil and Chile.

Management monitors the profit (loss) before tax for each business units separately for the purpose of making decisions about resource allocation and performance assessment. Segment performance is evaluated based on profit (loss) before income tax and is measured consistently with income (loss) in the consolidated statements of profit or loss.

	Tin and Gold (Peru)								
	Tin (Perú) US$(000)	Gold (Perú) US$(000)	Not distributable (Perú) US$(000)	Total (Perú) US$(000)	Tin (Brasil) US$(000)	Cooper (Perú) US$(000)	Mining exploration (Perú and Chile) US$(000)	Adjustments and Eliminations US$(000)	Total Consolidated US$ (000)
As of March 31, 2023:									
Results:									
External customer revenue	68,132	34,866	-	102,998	63,011	313,468	-	-	479,477
Sales cost	(59,760)	(27,576)	-	(87,336)	(51,754)	(102,443)	-	-	(241,533)
Administration expenses	(8,665)	(3,998)	-	(12,663)	(3,368)	(2,909)	(132)	852	(18,220)
Selling expenses	(1,240)	(312)	-	(1,552)	(796)	(8,024)	-	-	(10,372)
Exploration expenses and studies	(1,742)	(3)	-	(1,745)	-	(2,416)	(116)	-	(4,277)
Others, net	(231)	(107)	-	(338)	(1,778)	(776)	(171)	(852)	(3,915)
Operating income	(3,506)	2,870	-	(636)	5,315	196,900	(419)	-	201,160
Profit before income tax	-	-	69,220	69,220	5,367	190,141	(1,478)	(76,269)	186,981
Income Tax	-	-	(7,395)	(7,395)	(726)	(68,299)	-	-	(76,420)
Net profit			61,825	61,825	4,641	121,842	(1,478)	(76,269)	110,561
Other revelations:									
Additions to property, plant and equipment, right in use and intangible assets	7,394	992	534	8,920	15,621	27,785	1	-	52,327
Depreciation and amortization (included in costs and expenses)	11,068	7,628	298	18,994	5,689	27,701	9	-	52,393
Operating cash flow			(17,267)	(17,267)	(414)	86,028	(2,770)	-	65,577
Investment cash flow			49,310	49,310	(15,164)	(24,920)	120	(57,000)	(47,654)

	Tin and Gold (Peru)								
	Tin (Perú) US$(000)	Gold (Perú) US$(000)	Not distributable (Perú) US$(000)	Total (Perú) US$(000)	Tin (Brasil) US$(000)	Cooper (Perú) US$(000)	Mining exploration (Perú and Chile) US$(000)	Adjustments and Eliminations US$(000)	Total Consolidated US$ (000)
As of March 31, 2022:									
Results:									
External customer revenue	222,482	29,871	-	252,353	72,101	332,010	-	-	656,464
Sales cost	(59,516)	(20,043)	-	(79,559)	(35,722)	(66,138)	-		(181,419)
Administration expenses	(11,936)	(4,019)	-	(15,955)	(2,918)	(2,811)	(214)	415	(21,483)
Selling expenses	(2,503)	(385)	-	(2,888)	(1,106)	(5,866)	-	-	(9,860)
Exploration expenses and studies	(3,131)	(3)	-	(3,134)	-	(1,132)	(355)	-	(4,621)
Others, net	(1,082)	(365)	-	(1,447)	(1,115)	(1,599)	1,715	(415)	(2,861)
Operating income	144,314	5,056	-	149,370	31,240	254,464	1,146	-	436,220
Profit before income tax	-	-	266,819	266,819	48,197	235,449	2,707	(133,845)	419,327
Income Tax	-	-	(60,132)	(60,132)	(13,422)	(75,176)	110	-	(148,620)
Net profit			206,687	206,687	34,775	160,273	2,817	(133,845)	270,707
Other revelations:									
Additions to property, plant and equipment, right in use and intangible assets	20,305	3,690	-	23,995	9,619	40,871	-	-	74,485
Depreciation and amortization (included in costs and expenses)	13,499	8,051	377	21,927	5,116	20,775	10	-	47,828
Operating cash flow			6,606	6,606	28,372	140,770	(5,467)	-	170,281
Investment cash flow			(23,452)	(23,452)	(12,486)	(40,528)	(31)	5,060	(71,437)

21. Financial instrument risk management, objectives and policies

21.1. Financial risk factors -

The Group's main financial liabilities, other than derivatives, comprise financial liabilities, trade payables and other payables. The main purpose of the financial liabilities is to finance the Group's operations. The Group's main financial assets include cash and term deposits and trade and other receivables that derive directly from its operations. The Group also holds financial assets at fair value through other comprehensive income.

Due to the nature of its activities, the Group is exposed to market, credit, liquidity and capital management risks, which are managed by senior management through a process of continuous identification, measurement and monitoring, subject to limits of risk and other controls. This risk management process is critical for the continued profitability of the Group and each person within the Group is responsible for risk exposures related to their responsibilities. The independent risk control process does not include business risks such as changes in the environment, technology and industry, which are monitored through the strategic planning process of the Group.

(i) Market risks-

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market prices involve three types of risk: the risk of exchange rate, the interest rate risk and price risk. Financial instruments affected by market risk include bank deposits and time deposits, receivables and payables in currencies other than US dollar, financial asset at fair value, financial derivative instruments and borrowings.

The sensitivity analyzes included in the following sections relate to the financial situation as of March 31, 2023 and December 31, 2022.

This sensitivity analyzes have been prepared on the basis that the amount of debt, the ratio of fixed-to-floating interest rates and the proportion of financial instruments in foreign currencies are all constants to March 31, 2023 and December 31, 2022.

Foreign currency risk –

The Group operates internationally and its exposure to exchange risk results from its operations carried out in currencies other than its functional currency. The transactions of the Group are mainly settled in U.S. dollars, Brazilian real and soles. Although to a lesser extent, the Group also has operations in other currencies such as Chilean pesos. As a result, the Group is exposed to the foreign exchange risk fluctuation.

Management assumes the risk of change with the product of operations; that is, it does not perform hedging operations with derivative financial instruments to cover its exchange risk except for a significant portion of its operating costs expressed in Brazilian reals in its subsidiary Taboca.

The following table shows the sensitivity to a reasonably possible change in U.S. dollar exchange rates, considering that all other variables will remain constant. The impact on the Group's income before income taxes as of March 31, 2023 and 2022 is due to changes in the fair value of monetary assets and liabilities:

Year	Revaluation/ devaluation in the exchange rate	Effect on profit before income tax US$(000)
March 31, 2023	10%	710
	-10%	(710)
March 31, 2022	10%	4,198
	-10%	(4,198)

Interest rate risk –
Interest rate risk is the risk that the fair value or future cash flows of a financial instrument fluctuate due to changes in market interest rates.

As of March 31, 2023 and December 31, 2022, the corporate bonds of the Group have a fixed effective interest rate, with exception of the subsidiaries Mineração Taboca and Marcobre subscribed variable rate loans to mitigate the risk of variation of the interest rate, in this respect the Group has subscribed derivative financial instruments see note 36, consequently, the Management has evaluated that it is not relevant to carry out an analysis of sensitivity to futures changes in interest rates.

Price risk –
Investments:
The Group is not exposed to the risk of fluctuation in the prices of its investments maintained and classified in its consolidated statement of financial position at fair value through profit and loss and financial assets through other comprehensive income. The Management diversifies its investment portfolio in order to reduce its exposure to price risk. The diversification of the portfolio is carried out in accordance with the limits established by Management.

As of March 31, 2023 and December 31, 2022, the Group does not hold balances in financial assets at fair value through profit or loss.

Changes risk in mineral prices –
The international tin price has a significant impact on the results of operations of the Group. These tin and gold prices historically have fluctuated and are influenced by factors beyond the control. The Group manages its price risk primarily through the use of sales commitments under customer contracts and underwriting derivative contracts for the metals it markets.

The Group has price risk from its sales contracts established at provisional prices, subject to a future price in a given month, based mainly on the average monthly price in the LME. To the extent that the final price is higher or lower initially provisionally recorded, the increase or decrease in income is recorded at each date of the financial report until the date of the final settlement.

The Company and the subsidiary Mineração Taboca S.A. entered into derivative contracts that qualify as cash flow hedges, with the intention of covering the risk resulting from the fall in prices of tin and gold. These derivative contracts were recorded as assets or liabilities in the consolidated statement of financial position and are presented at fair value. To the extent that these hedges were effective to offset future cash flows from the sale of related production, changes in fair value were deferred in an equity account. Deferred amounts were reclassified to sales when the corresponding production was sold. As a result of these operations, the Group maintains positions receivable and payable.

The table below summarizes the impact on earnings before income tax for changes in the tin price (excluding the subsidiary Mineração Taboca S.A. that it has derivative financial instruments to cover a relevant portion of this risk). This analysis is based on the presumption that the price of tin has increased or decreased by 10 percent, while the rest of the variables remain constant. For the positive 2023 scenario, an average quotation of US$/TM29,206 (average quotation of US$/TM50,319 for the first quarter of 2022) was considered, while for the negative scenario, an average quotation of US$/TM23,896 (average quotation of US$/TM41,170 for the first quarter of 2022) was considered.

Year	**Increase / decrease in the market value of metals**	**Effect on profit (loss) before income tax**
		US$(000)
March 31, 2023	10%	1,847
	-10%	(1,847)
March 31, 2022	10%	6,633
	-10%	(6,633)

During 2023 and 2022, the Group sold gold through its agreed contracts at provisional price. The table below summarizes the impact on profit before income tax due to changes in the price per ounce. This analysis is based on the assumption that the price of gold at the end of the year has increased or decreased by 10 percent, while the rest of the variables remain constant. For the positive scenario for the first quarter of 2023 an average price of US$2,094 per ounce of gold was considered (average price of US$2,102 per ounce of gold for the first quarter of 2022); while for the negative scenario an average price of US$1,713 per ounce of gold was considered (average price of US$1,720 for the first quarter of 2022).

Year	**Increase / decrease in the price of market value of metals**	**Effect on profit (loss) before income tax**
		US$(000)
March 31, 2023	10%	295
	-10%	(295)
March 31, 2022	10%	353
	-10%	(353)

With the beginning of the commercial operation of the subsidiary Marcobre and considering that the international price of copper has a material impact on the result of the operations of the subsidiary. Copper prices have historically fluctuated and are affected by numerous factors beyond your control. In this sense, the subsidiary Marcobre manages its price risk mainly through the use of sales commitments within the contracts with clients and the subscription of derivative contracts of the metals that it commercializes.

The subsidiary has a price risk through its contracts for the sale of copper concentrate at provisional prices, subject to a future price in a given month, based mainly on the monthly average price published in the LME. To the extent that the final quotes are higher or lower than those initially recorded provisionally, the increase or decrease in income is recorded on each date of the financial report until the date of the final quote.

The table below summarizes the impact on profit before income tax due to changes in the copper price of the Marcobre subsidiary. This analysis assumes that the price of copper has increased or decreased by 10 percent, while the rest of the variables remain constant. For the positive scenario as of March 31, 2023, an average quotation of US$/TM 9,802 (average quotation of US$/TM 10,993 as of March 31, 2022) was considered, while for the negative scenario an average quotation of US$/TM 8,020 (average quotation of US$/TM 8,994 as of March 31, 2022) was considered.

Year	**Increase/reduction in the price of listed minerals**	**Effect on profit before income tax**
		US$(000)
March 31, 2023	10 %	57,676
	10 %	(57,676)
March 31, 2022	10 %	73,937
	10 %	(73,937)

(ii) Credit risk -

The Group's financial assets potentially exposed to credit risk concentrations are mainly banked deposits and trade receivables. With regard to bank deposits, the Group reduces the probability of significant credit risk because its deposits are held in first class financial institutions and limits the amount of exposure to credit risk in any financial institutions.

With regard to trade receivables, there are no significant concentrations. The Group has established policies to ensure that the sale of its production is made to clients with an adequate credit history. The maximum exposure to credit risk of the consolidated statement of financial position as of March 31, 2023 and December 31, 2022 is given by the balance of the captions cash and cash equivalents, trade and other receivables.

Financial instruments and bank deposits -

The credit risk in bank balances is managed by the Chief Financial Officer in accordance with Group policies. The counterparty credit limits are reviewed by Management and the Board. The limits are established to minimize the risk concentration and therefore mitigate financial losses from potential default of the counterparty.

Trade accounts receivable -

The credit risk of the clients is managed by the Management, subject to duly established policies, procedures and controls. The outstanding balances of accounts receivable are periodically reviewed and classified according to the credit risk profile with credit limits to ensure their recovery. The Group's tin and gold sales are made to foreign customers located mainly in Europe and the United States, respectively. And due that does not present significant sales concentration if has limited credit risk exposition.

On the other hand, according to Management's assessment based on the aging analysis, of trade accounts receivable as of March 31, 2023 compared to December 31, 2022 no significant delays were identified. The Group's Management will continue to closely evaluate the impact of health emergencies on the international economy and the impact on the client portfolio and its credit behavior.

Others accounts receivable -

Accounts receivable other than the tax credit for value added tax and other tax credits correspond to outstanding balances for items that are not related to the Group's main operating activities. The Group' Management continuously monitors the credit risk of these items and periodically evaluates those debts that show impairment to determine the provision required for collectability.

(iii) Liquidity risk –

The prudent management of liquidity risk involves maintaining sufficient cash and cash equivalents, the availability of financing through an adequate number of committed sources of financing and the ability to close market positions. In this sense, the Group does not have significant liquidity risks since historically the cash flows of its operations have allowed it to maintain sufficient cash to meet its obligations.

The Group permanently monitors liquidity reserves based on the analysis of its working capital (liquidity ratio) and projections of its cash flows that take into consideration the future prices of the products it commercializes and the costs necessary for its production and sale.

21.2. Capital risk management –

The Group's objectives when managing capital are to safeguard its ability to continue as a going concern in order to provide returns to its shareholders, benefits for other stakeholders and to maintain an optimum capital structure to reduce the cost of capital.

The policy of the Group consists on financing all its projects with a conservative mix of own cash resources and debt. With this objective, the Group adjust face changes in the economic market conditions and the requirements of financial conditions (covenants). To maintain or adjust the capital structure, the Company may adjust the payment of dividends to shareholders, return capital to its shareholders or issue new shares or channel resources to subsidiaries in Peru, Chile and Brazil, the additional needs are covered by bank loans. In order to achieve this, the Group periodically capitalizes its earnings and if necessary, adjusts the amount of the dividends payable to its shareholders. There were no changes in the Group's objectives, policies and procedures during the year ended March 31, 2023.

22. Financial derivative instruments

(a) Since interest payments for loans obtained by the subsidiary Marcobre during the year 2018 was subject to variations due to being indexed at a variable interest rate, the Group decided to take a hedging strategy called bottom layer hedge or layered hedging strategy, by which it prospectively covers the Group's cash flows, which qualify as highly probable forecast transactions, with three different tranches (with swaps and caps options) distributed as follows:

- Tranche 1: From December 31, 2018 to June 30, 2021, it covers 50% with a swap and 20% with the cap N° 1.
- Tranche 2: Between June 30, 2021 and June 30, 2023, cover 35% with a swap and 45% with the cap N° 1.
- Tranche 3: After June 2023 until December 31, 2025 covers 80% with the cap N° 2.

(b) These "Cap interest rate" and "Interest rate swap" contracts were subscribed for a maximum amount of US$720,000,000, which covered 80% of the subsidiary Marcobre' s loan.

The loan related to these hedging instruments (swaps and cap options) was paid in full on June 17, 2022, therefore, hedge accounting ceased on that same date.

Consequently, these derivative financial instruments associated with said debt were settled on June 28, 2022, recognizing financial expenses for US$2,211,000 due to the decrease in the premiums paid for the Cap No. 1 and Cap No. 2 options pending vesting and a financial income of US$3,151,000 for the early cancellation of derivatives by Swap and Cap No. 1 and No. 2.

On the other hand, since the payments for the new loan obtained during June 2022 are subject to fluctuations originating from the variable interest rate, the Group decided to opt for a 100% hedging strategy for the financial risk associated with the liability. Therefore, 100% of the Group's cash flows are prospectively hedged, which qualify as highly probable transactions, under an "Interest Rate Swap" scheme. This “Interest Rate Swap” contract was signed for a maximum amount of US$500,000,000, which covers 100% of the Marcobre subsidiary loan.

Below is a summary of the instruments subscribed as of 31.03.2023 and 31.12.2022:

Entity	**Value Reference (maximum)** US$(000)	**Agreed rate** %
Citibank N.A., New York		
Interest Rate Swap	500,000	3.457%

Below is a summary of the instruments subscribed as of 12.31.2021:

Entity	**Value Reference (maximum)** US$(000)	**Agreed rate** %
Natixis Bank		
Interest Rate Swap	450,000	2.86%
Société Générale Bank		
Interest Rate Cap N°1	405,000	3.33%
Interest Rate Cap N°2	208,526	3.36%

Below is a summary of the value of the hedged items:

		Hedged value	
		2022 US$(000)	**2021** US$(000)
Cash flow hedge -			
Interest rate swap	From December 2022 to June 2027	58,360	68,635

(d) At March 31, 2023, the Group through its subsidiary Marcobre has recognized a current receivable for the fair value of derivative financial instruments in the amount of US$5,854,000 and a payable of US$4,072, 000 of non-current maturity (at December 31, 2022 recognized an account receivable for the fair value of derivative financial instruments in the amount of US$7,271,000 of which US$6,666,000 of current maturity and US$604,000 of non-current maturity), whose impact on the consolidated statement of other comprehensive income was as follows:

	Effect on other comprehensive income (expense)	
	2022 US$(000)	2021 US$(000)
Derivatives of interest rates -		
Interest rate swap	(5,489)	14,926
	(5,489)	14,926
(-) Deferred income tax	1,427	(3,881)
Net effect	(4,062)	11,045

In addition, at December 31, 2022, as a result of the early settlement of the syndicated loan of US$900,000,000, Caps N°1 and N°2 options were settled and therefore an amount of US$2,211,000 was reclassified from other comprehensive income to income for the year under financial expenses.

The subsidiary Mineração Taboca S.A. maintains derivative financial instruments designated as cash flow hedges, corresponding to exchange rate swaps, Zero Cost Collar of exchange rate and metals, and NDF (Non-Deliverable Forward) exchange rate and metals with the objective of cover and managing the risks inherent in the variation of foreign currency (dollar in the case of Mineração Taboca S.A.) tin prices and variable interest rate. As of March 31, 2023, the net fair value of these Zero Cost Collar and NDF amounts to US$28,654,030 (equivalent to R$144,991,113) (US$68,014,141 equivalent to R$344,155,635 as of March 31, 2022) and Swap amounts to US$2,249,690 (equivalent to R$11,673,554) (US$755,541 equivalent to R$3,937,281 as of March 31, 2022).

(d) Gold price coverage -

The Company signed contracts that include derivative financial instruments with the objective of reducing the risk on cash flows attributable to the fluctuation of the gold price, from January 2020 to December 2024.

The Company has designated these derivatives as cash flow hedges, given that it has determined that there is an adequate economic relationship between the hedging instruments and the hedged items, which are highly probable.

Below is the composition of the transactions to be settled that are part of the liability for an instrument derived from coverage as of March 31, 2023 and December 31, 2022:

Year 2023						
Metal	**Instrument**	**Expiration period**	**Covered volume** Oz	**Agreed price** US$/oz	**Estimated price** US$/oz	**Fair value** US$(000)
Gold	**Zero Cost Collar**	Year 2023	44,118	1,450 – 1,746	2,000	(8,405)
		Year 2024	32,000	1,450 – 1,775	2,085	(6,323)
						(14,728)

Year 2022						
Metal	**Instrument**	**Expiration period**	**Covered volume** Oz	**Agreed price** US$/oz	**Estimated price** US$/oz	**Fair value** US$(000)
	Zero Cost					
Gold	**Collar**	Year 2023	52,941	1,450 – 1,746	1,849	(5,745)
		Year 2024	32,000	1,450 – 1,775	1,934	(4,475)
						(10,220)

The effective portion of the variations in the fair value of derivative financial instruments that qualify as hedging are recognized as assets or liabilities, with net equity as their counterpart the "Consolidated statement of other comprehensive income".

As of March 31, 2023 and March 31, 2022, the Group recognized in the "Consolidated statement of other comprehensive income" a positive variation in fair value of approximately US$4,181,000 and US$10,102,000, respectively, which is presented net of the effect on income tax.

(e) The following is the classification according to its expiration as of March 31, 2023 and December 31,2022:

Instruments– Year 2022	**Nature**	**Current** US$(000)	**Non- Current** US$(000)	**Total** US$(000)
Interest rate hedges – Marcobre	Asset	5,854	-	5,854
Price hedge – Taboca	Asset	2,728	-	2,728
Exchange rate hedge – Taboca	Asset	27,811	-	27,811
Interest rate hedges – Taboca	Asset	1,552	715	2,267
Total assets		37,945	715	38,660
Metal price hedges - Minsur	Liability	9,843	4,885	14,728
Interest rate - Marcobre	Liability	-	4,072	4,072
Interest rate hedges - Taboca	Liability	-	35	35
Metal price hedges - Taboca	Liability	1,717	-	1,717
Exchange rate hedges - Taboca	Liability	149	-	149
Total liability		11,709	8,992	20,701

Instruments– Year 2022	**Nature**	**Current** US$(000)	**Non- Current** US$(000)	**Total** US$(000)
Interest rate hedges – Marcobre	Asset	6,666	604	7,270
Price hedge – Taboca	Asset	32,016	3,643	35,659
Exchange rate hedge – Taboca	Asset	2,072	134	2,206
Interest rate hedges – Taboca	Asset	1,535	1,574	3,109
Total assets		42,289	5,955	48,244
Interest rate - Marcobre	Liability			
Metal price hedges - Minsur	Liability	5,745	4,475	10,220
Interest rate hedges - Taboca	Liability	74	-	74
Metal price hedges - Taboca	Liability	3,738	674	4,412
Exchange rate hedges - Taboca	Liability	1,480	126	1,606
Total liability		10,889	5,275	16,164

23. Financial asset and financial liabilities

(a) Financial liabilities –

All financial liabilities of the Group, excepting the embedded derivative from tin sales, include trade and other payables and Senior Notes which are classified as loans and borrowings and are carried at amortized cost.

(b) Fair values -

The fair value of the financial instruments is defined by the at the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under the assumption that the entity is a going concern.

The following methods and assumptions were used to estimate the fair values:

Financial instruments whose fair value is similar to the carrying book value -

For financial assets and liabilities that are liquid or have short maturities (less than three months), as cash and cash equivalents, trade and other receivables, net trade and other accounts payable and other current liabilities are considers that the carrying value is similar to fair value.

Financial instruments at fixed and variable rate -

The fair value of financial assets and liabilities that are subject to fixed and variable rates is determined by comparing the interest rates at inception with the current market interest rates for similar instruments. The fair value of deposits that yield interest are determined by using the discounted cash flows method by using market interest rates in the prevalent currency, and similar maturities and credit risks.

Based on the above, a comparison between the carrying amounts and fair values of financial instruments of the Group presented in the consolidated statement of financial position is established. The table does not include the fair values of non-financial assets and liabilities:

	Carrying book value		Fair value	
	2023 US$(000)	2022 US$(000)	2023 US$(000)	2022 US$(000)
Financial assets				
Cash and cash equivalents	216,191	230,072	216,191	230,072
Trade and other receivables, net	354,166	463,660	354,166	463,660
Derivative financial instruments	38,660	48,244	38,660	48,244
Financial assets at fair value through other comprehensive income	17,808	16,402	17,808	16,402
Total financial assets	758,378	758,378	626,825	758,378
Financial liabilities				
Financial obligations:				
Other financial obligations	869,634	848,962	897,125	852,744
Corporate bonds	487,696	487,412	437,640	440,075
Trade and other payables	223,541	308,289	224,265	366,770
Derivative financial instruments	20,701	16,164	20,701	16,164
Total financial liabilities	1,601,572	1,660,827	1,579,731	1,675,753

(b) Fair value measurement

All financial instruments for which fair value is recognized or disclosed are categorized within the fair value hierarchy, based on the lowest level input that is significant to the fair value measurement as a whole.

For assets and liabilities that are recognized at fair value on a recurring basis, the Group determines whether transfers have occurred between levels in the hierarchy by re-assessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each Consolidated Financial Statements.

During the year ended March 31, 2023 there were no transfers between fair value hierarchies.

Quantitative disclosure of fair value of financial assets by hierarchy as of March 31, 2023

		Measurement at fair value using		
	Total US$(000)	**Quoted prices in active markets (Level 1)** US$(000)	**Significant observable inputs (Level 2)** US$(000)	**Significant unobservable inputs (Level 3)** US$(000)
As of March 31, 2023				
Assets measured at fair value:				
Financial assets at fair value through other comprehensive income	17,808	17,808	-	-
Derivative financial instrument	38,660	-	38,660	-
Trade receivables (subject to provisional pricing)	267,146	267,146	-	-
Liabilities recognized at fair value:				
Derivative financial instruments	20,701	-	20,701	-

During the year ended December 31, 2022 there have been no transfers between levels of fair value.

Quantitative disclosures fair value measurement hierarchy for assets and liabilities as of December 31, 2022 –

		Measurement at fair value using		
	Total US$(000)	**Quoted prices in active markets (Level 1)** US$(000)	**Significant observable inputs (Level 2)** US$(000)	**Significant unobservable inputs (Level 3)** US$(000)
As of December 31, 2022				
Assets measured at fair value:				
Financial assets at fair value through other comprehensive income	16,402	16,402	-	-
Derivative financial instrument	48,244	-	48,244	-
Trade receivables (subject to provisional pricing)	336,404	336,404	-	-
Liabilities recognized at fair value:				
Derivative financial instruments	16,164	-	16,164	-

24. Subsequent events

Between April 1, 2023 and the date of issuance of the condensed interim separate financial statements, no significant subsequent events of a financial-accounting nature have occurred that could affect the interpretation of these separate financial statements.