GMEXICO

Quarterly Report

Higher mining costs limit recovery

- The increase in copper production was partially offset by lower prices and a higher net cash cost, which was reflected in an expansion in profitability, but less than expected
- Uncertainty about growth challenges in China has been reflected in lower copper prices. Meanwhile, the outlook for Transportation and Infrastructure remains favorable
- We lower our PT to MXN 98.00 (6.7x FV/EBITDA 2023e vs. 6.8x sector median), after cutting our estimates and incorporating a stronger peso/dollar exchange rate. We recommend HOLD

Higher copper production, but also higher costs. GMexico reported a 2Q23 with growth, although below our expectations. The company reported a yearover-year increase in sales of 7.8% and in EBITDA of 14.6%, with an expansion in the respective margin of 2.8pp to 47.1%. Mining (AMC) recorded advances supported by an increase in copper production (+9.2% y/y) and sales volumes of 12.8% y/y, recalling that in 2Q22 there was a blockage at the Cuajone complex in Peru, which was partially offset by lower prices in most metals (copper fell 11.3% y/y). The increase in profitability (+2.9pp to 45.7%) was also limited by the higher net cash cost (+1.1% y/y) in the face of the inflationary environment. Meanwhile, GMXT posted solid growth, with record EBITDA and margin improvement that exceeded estimates due to operating efficiencies. In Infrastructure, the favorable performance in most business lines led to an increase in EBITDA of 22.3% y/y, with a margin of 42.6% (+5.6pp). The company's financial strength (ND/EBITDA of 0.3x) led it to declare a dividend of \$0.80 per share (vs. \$1.00 previously), payable on August 28 (annualized yield of 3.6%). **Growth outlook moderates**, given the risks of a slowdown in China, generating uncertainty about the recovery in copper demand. Meanwhile, the possible revision in the methodology for calculating the Mexbol Index could affect the issuer's weighting, so we expect volatility in the stock to continue.

August 4, 2023

www.banorte.com/analisiseconomico @analisis fundam

Marissa Garza Ostos Director of Equity Strategy marissa.garza@banorte.com

José Itzamna Espitia Hernández Senior Strategist, Equity jose.espitia@banorte.com

HOLD	
Current Price	\$87.94
PT	\$98.00
Dividend	\$1.6
Dividend Yield (%)	1.8%
Upside Potential	13.3%
Max - Min LTM (\$)	94.28-61.69
Market Cap (US\$m)	40,593.7
Shares Outstanding (m)	7,785
Float	46.0%
Daily Turnover US\$m	507.4
Valuation metrics LTM	
FV/EBITDA	6.3x
P/E	12.9x
MSCI ESG Rating	BB

Relative performance to Mexbol LTM



Winners of the 2023 award for the best economic forecasters in Mexico, awarded by Focus Economics.



Financial Statements

	2021	2022	2023E	2024E
Revenue	14,777	13,870	14,996	16,314
Operating Income	7,467	5,655	5,920	6,895
EBITDA	8,933	7,141	7,454	8,412
EBITDA Margin	60.5%	51.5%	49.7%	51.6%
Net Income	3,706	2,939	3,198	3,688
Net Margin	25.1%	21.2%	21.3%	22.6%
Total Assets	30,359	30,168	32,540	35,225
Cash	6,460	6,035	6,590	6,769
Total Liabilities	13,584	12,331	12,744	12,587
Debt	8,782	8,396	8,889	8,889
Common Equity	16,775	17,838	19,796	22,638

Valuation and Financial metrics

valuation and i mai	iciai ilicii ics			
	2021	2022	2023E	2024E
FV/EBITDA	5.1x	6.3x	6.1x	5.4x
P/E	11.0x	13.8x	12.7x	11.0x
P/VB	2.8x	2.6x	2.4x	2.1x
ROE	25.5%	19.0%	18.6%	18.6%
ROA	12.2%	9.7%	9.8%	10.5%
EBITDA/ interest	16.2x	13.3x	13.4x	14.6x
Net Debt/EBITDA	0.3x	0.4x	0.3x	0.3x
Debt/Equity	0.5x	0.5x	0.4x	0.4x

This document is provided for the reader's convenience only. The translation from the original Spanish version was made by Banorte's staff. Discrepancies may possibly arise between the original document in Spanish and its English translation. For this reason, the original research paper in Spanish is the only official document. The Spanish version was released before the English translation. The original document entitled "Mayores costos en Minería limitan la recuperación" was released on July 27, 2023.

Document for distribution among public

Source: Banorte



GMEXICO - Results 2023 USD, million

Concept	2Q22	2Q23	Var %	2Q23e	Diff % vs Estim.
Revenue	3,203	3,454	7.8%	3,708	-6.9%
Operating Income	1,079	1,232	14.2%	1,523	-19.1%
Ebitda	1,421	1,628	14.6%	1,891	-13.9%
Net Income	487	668	37.3%	795	-16.0%
Margins					
Operating Margin	33.7%	35.7%	2.0pp	41.1%	-5.4pp
Ebitda Margin	44.4%	47.1%	2.8pp	51.0%	-3.9pp
Net Margin	15.2%	19.3%	4.2pp	21.4%	-2.1pp
EPS	\$0.06	\$0.09	37.3%	\$0.10	-16.0%

Income Statement (Million)					
Año	2022	2023	2023	Change	Change
Trimestre	2	1	2	% y/y	% q/q
Net Revenue	3,203.2	3,861.9	3,453.7	7.8%	-10.6%
Costs of goods sold	1,696.8	1,691.6	1,752.8	3.3%	3.6%
Gross profit	1,506.4	2,170.4	1,700.9	12.9%	-21.6%
General expenses	71.4	75.0	89.4	25.3%	19.3%
Operating Income	1,079.2	1,729.0	1,232.5	14.2%	-28.7%
Operating Margin	33.7%	44.8%	35.7%	2.0pp	(9.1pp)
Depreciation	355.8	366.3	379.0	6.5%	3.5%
EBITDA	1,420.7	2,105.7	1,627.6	14.6%	-22.7%
EBITDA Margin	44.4%	54.5%	47.1%	2.8pp	(7.4pp)
Interest Income (Expense) net	(137.0)	(52.6)	(42.3)	-69.1%	-19.6%
Interest expense	134.6	133.2	140.8	4.6%	5.7%
Interest income	19.3	70.3	82.3	326.9%	17.2%
Other income (expense)	(21.6)	10.3	16.2	N.A.	56.3%
Foreign exchange gain (loss)				N.A.	N.A.
Unconsolidated subsidiaries	(2.1)	3.1	(1.4)	-35.7%	N.A.
Income before taxes	942.2	1,676.4	1,190.2	26.3%	-29.0%
Income taxes	360.3	579.9	388.9	8.0%	-32.9%
Discontinued operations					
Consolidated Net Income	584.1	1,093.5	802.6	37.4%	-26.6%
Non-controlling interest	97.6	160.2	134.6	38.0%	-16.0%
Net Income	486.6	933.3	668.0	37.3%	-28.4%
Net Margin	15.2%	24.2%	19.3%	4.2pp	(4.8pp)
EPS	0.063	0.120	0.086	37.3%	-28.4%

Balance Sheet (Million)					
Total Current Assets	9,566.9	10,663.4	10,402.2	8.7%	-2.4%
Cash & Short Term Investments	5,704.6	6,632.4	6,519.2	14.3%	-1.7%
Long Term Assets	20,108.2	20,296.7	21,065.8	4.8%	3.8%
Property, Plant & Equipment (Net)	16,981.7	17,370.3	17,968.0	5.8%	3.4%
Intangible Assets (Net)	3,126.5	2,926.4	3,097.7	-0.9%	5.9%
Total Assets	29,675.1	30,960.2	31,468.0	6.0%	1.6%
Current Liabilities	2,171.3	1,961.6	1,823.6	-16.0%	-7.0%
Short Term Debt	495.6	145.7	223.7	-54.9%	53.6%
Accounts Payable				N.A.	N.A.
Long Term Liabilities	10,436.9	10,597.0	11,003.4	5.4%	3.8%
Long Term Debt	8,311.5	8,371.2	8,665.7	4.3%	3.5%
Total Liabilities	12,608.2	12,558.6	12,827.0	1.7%	2.1%
Stockholders' Equity	17,066.9	18,401.6	18,641.0	9.2%	1.3%
Non-controlling interest	2,222.7	2,402.8	2,438.1	9.7%	1.5%
Total Equity	14,844.2	15,998.8	16,202.9	9.2%	1.3%
Liabilities & Equity	29,675.1	30,960.2	31,468.0	6.0%	1.6%
Net Debt	3,102.5	1,884.6	2,370.3	-23.6%	25.8%

598.9

(396.5)

(803.1)

(616.0)

1,640.1

(429.3)

(604.1)

565.8

1,040.8

(517.1)

(607.3)

(114.8)

Change in Cash Balance Source: Banorte, MSE.

CF from Operating Activities CF from Investing Activities

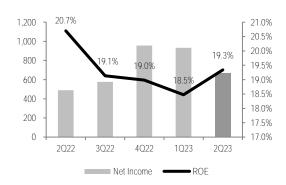
CF from Financing Activities

Cash Flow

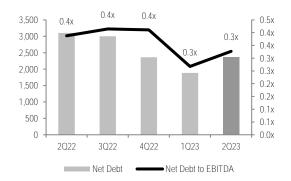
Revenue & EBITDA Margin USD, million



Net Income & ROE USD, million



Net Debt & Net Debt to EBITDA ratio USD, million





Estimated update 2023

Uncertainty about the evolution of global economic activity, and particularly about growth in China, the main copper consumer, has generated nervousness about the recovery of demand in the short term, which has been reflected in lower copper prices.

In this matter, and taking a more cautious stance for copper, we now expect an average price for the year of \$3.90 per pound (-3% vs. 2022 and -4% vs. our previous estimate), in line with the Bloomberg consensus, and similar to the year-to-date average of \$3.94. Therefore, on a consolidated basis, our projections for the company assume annual increases in revenues of 8.1% to \$15.0 billion (-4% vs. our previous projection) and, to a lesser extent, in EBITDA of 4.4% to \$7.5 billion (-10% vs. our previous estimate). The latter is the result of a less efficient absorption of fixed costs than expected, derived from the negative impact of the strength of the Mexican peso and the Peruvian sol on the cost structure. As a result, the EBITDA margin would show a contraction of 1.8pp to 49.7%. Although Mining would show progress in sales, as the lower expected copper price would be more than offset by higher production, given an easier comparative base due to the suspension of operations in Peru and the entry of the Pilares and Buenavista Zinc projects, the impact of costs would keep operating EBITDA practically unchanged. On the other hand, GMXT will continue with its solid dynamism, with investments focused on making operations more efficient and with the expectation of an additional boost from nearshoring. And finally, Infrastructure would continue with increases due to higher revenues in its business lines and the integration of PlaniGrupo.

We reiterate that one of GMexico's competitive advantages is its **solid financial position**, and our expectation for 2023 is that this will continue with a Net Dsebt to EBITDA ratio of 0.3x (vs. 0.4x in 2022). **This will allow the company to continue making distributions to shareholders**, so we estimate that for 2H23 the company will pay a dividend of \$1.60 per share (\$0.80 each quarter), equivalent to a yield of 1.8% over current prices.

Valuation and PT of MXN 98.00

After incorporating the quarter's results, coupled with the slowdown risks in China and the strength of the exchange rate, we are adjusting our PT. We use the **sum-of-the-parts valuation** method to reflect the value of each of GMexico's subsidiaries.

In the case of Southern Copper Corporation (SCC), in which GMexico has an 88.9% stake, we assigned an FV/EBITDA 2023e multiple of 9.2x, similar to the 1-year average at which it has traded. For Asarco, we set an FV/EBITDA multiple of 5.0x, below GMexico's 3-year average (5.9x) due to lower profitability levels.

For GMXT we assign a 2023e FV/EBITDA multiple of 8.5x, up from the current 7.7x in light of a more favorable outlook, although below the 10.3x sector average. In the Infrastructure division, we assume a multiple of 7.0x, in



line with the average of comparables sample. Finally, we value GMexico's 2.9% stake in GAP, using the company's current market value, conservatively.

Considering the above and the year-end exchange rate expectation of \$17.90 (from our Fixed Income and FX Strategy area), we obtained a **price target for GMexico of MXN 98.00 per share**. This price represents an FV/EBITDA 2023e multiple of 6.7x, similar to the median of comparable companies of 6.8x, according to Bloomberg consensus. It should be noted that we maintain a 20% holding discount.

Our price target yield is 13.3%, including dividend return. Despite the company's solid fundamentals, industry leadership position and healthy balance sheet, we reiterate that growth challenges, particularly in China, will continue to generate uncertainty about the outlook for copper, and therefore, volatility in the share price. Thus, our recommendation is HOLD. In our view, a stronger recovery in the company's figures could be supported by additional stimulus in China to mitigate the slowdown, while the expectation of lower interest rates around 2024 could support a further revaluation in multiples.

GMexico - Sum of the parts valuation USD. millon

Subsidiary	2023e EBITDA	FV/EBITDA	Net Debt	Market Cap	Participation	Total
SCC	4,790	9.2x	4,054	40,018	88.9%	35,576
ASARCO	845	5.0x	- 35	4,262	100.0%	4,262
GMXT	1,496	8.5x	830	11,885	70.0%	8,315
INFRAESTRUCTURA	332	7.0x	872	1,451	100.0%	1,451
GAP				8,876	2.9%	257
				Sum of the Par	ts	49,861
				(-) Net Debt GN	1exico	- 3,284
				(=) GMexico's	Value	53,146
				Shares Outstan	ding	7,785
				Price US\$ per S	Share	6.83
				Exchange rate 2	2023e	17.90
				Price GMexico		\$122.18
				Holding Discour	nt	20.0%
				PT 2023e		\$97.74

Source: Estimates Banorte, Bloomberg



Relative Valuation Miners

ISSUER	PRICE	Market Cap (US\$MM)	Enterprise Value (US\$MM)	P/BV	P/E	P/E 2022E	P/E 2023E	FV/EBITDA	FV/EBITDA 2022E	FV/EBITDA 2023E	DIVIDEND YIELD
BHP GROUP LTD	AUD 46.23	156,956	111,258	3.8x	8.6x	12.6x	12.8x	4.8x	6.1x	6.1x	12.2%
RIO TINTO PLC	GBP 5,213.00	112,743	151,024	2.3x	12.5x	9.8x	9.8x	5.9x	5.3x	5.2x	6.2%
VALE SA	BRL 70.42	65,909	76,362	2.3x	4.4x	6.4x	7.0x	4.2x	4.2x	4.2x	2.6%
SOUTHERN COPPER CORP	USD 83.97	64,917	69,625	8.1x	23.0x	24.2x	20.4x	13.3x	12.4x	11.0x	4.8%
ANGLO AMERICAN PLC	GBP 2,427.00	38,046	64,767			10.4x	9.5x	4.3x	4.4x	4.1x	4.3%
FREEPORT-MCMORAN INC	USD 43.29	62,047	74,684		27.9x	26.5x	20.9x	10.0x	8.5x	7.2x	1.4%
JIANGXI COPPER CO LTD-H	HKD 12.90	7,948	11,344	0.6x	6.5x	6.9x	6.4x		7.7x	7.1x	4.3%
ANTOFAGASTA PLC	GBP 1,653.50	12,741	19,351	2.4x	13.6x	27.8x	24.4x	8.9x	7.9x	6.9x	2.9%
	Average	57,953	64,280	2.9x	12.2x	15.1x	13.1x	9.2x	7.0x	6.3x	4.5%
	Median	62,047	69,625	2.3x	10.6x	11.4x	9.8x	7.4x	6.8x	6.1x	4.3%
GRUPO MEXICO SAB DE CV-SER B	Ps 87.94	40,594	2,691	2.2x	12.9x	13.0x	9.4x	6.3x	6.3x	5.1x	4.5%

Source: Bloomberg (07/26/23).

Relative Valuation Transport

ISSUER	PRICE	Market Cap (US\$MM)	Enterprise Value (US\$MM)	P/BV	P/E	P/E 2022E	P/E 2023E	FV/EBITDA	FV/EBITDA 2022E	FV/EBITDA 2023E	DIVIDEND YIELD
UNION PACIFIC CORP	USD 232.10	141,455	175,490	10.7x	21.0x	21.8x	19.6x	14.8x	15.0x	13.9x	2.2%
CANADIAN NATL RAILWAY CO	CAD 156.71	78,421	91,128		20.1x	21.1x	18.8x	13.6x	14.1x	13.0x	2.0%
CSX CORP	USD 33.03	66,269	83,632	5.6x	17.2x	17.4x	16.2x	11.1x	11.4x	11.0x	1.3%
DAQIN RAILWAY CO LTD -A	CNY 7.10	15,024	13,749	0.9x	8.8x	8.3x	8.6x		4.4x	4.4x	6.8%
CANADIAN PACIFIC RAILWAY LTD	CAD 0.00										
NORFOLK SOUTHERN CORP	USD 235.34	53,426	67,862	4.2x	21.6x	18.2x	16.7x	12.0x	12.0x	11.2x	2.3%
AURIZON HOLDINGS LTD	AUD 3.80	4,682	8,180	1.7x	18.1x	18.3x	14.0x	9.0x	8.6x	7.4x	6.7%
CHINA RAILWAY TIELONG CONT-A	CNY 6.16	1,122	1,027	1.2x	20.9x	17.9x	15.6x		7.3x	6.6x	1.3%
	Average	51,485	63,010	4.1x	18.2x	17.6x	15.6x	12.1x	10.4x	9.6x	3.2%
	Median	53,426	67,862	3.0x	20.1x	18.2x	16.2x	12.0x	11.4x	11.0x	2.2%
GMEXICO TRANSPORTES SAB DE C	MXN 39.59	10,258	12,031	3.2x	17.2x	18.5x	16.5x	7.7x	7.3x	7.1x	5.1%
GRUPO MEXICO SAB DE CV-SER B	MXN 87.94	40,594	2,691	2.2x	12.9x	13.0x	9.4x	6.3x	5.9x	5.1x	4.5%

Source: Bloomberg (07/26/23).



Certification of Analysts.

We, Alejandro Padilla Santana, Juan Carlos Alderete Macal, Alejandro Cervantes Llamas, Manuel Jiménez Zaldívar, Marissa Garza Ostos, Katia Celina Goya Ostos, Francisco José Flores Serrano, José Luis García Casales, Víctor Hugo Cortes Castro, José Itzamna Espitia Hernández, Carlos Hernández García, Leslie Thalía Orozco Vélez, Hugo Armando Gómez Solís, Yazmín Selene Pérez Enríquez, Cintia Gisela Nava Roa, Miguel Alejandro Calvo Domínguez, José De Jesús Ramírez Martínez, Gerardo Daniel Valle Trujillo, Luis Leopoldo López Salinas, Isaías Rodríguez Sobrino, Juan Carlos Mercado Garduño, Daniel Sebastián Sosa Aguilar, Jazmin Daniela Cuautencos Mora and Andrea Muñoz Sánchez, certify that the points of view expressed in this document are a faithful reflection of our personal opinion on the company (s) or firm (s) within this report, along with its affiliates and/or securities issued. Moreover, we also state that we have not received, nor receive, or will receive compensation other than that of Grupo Financiero Banorte S.A.B. of C.V for the provision of our services.

Relevant statements.

In accordance with current laws and internal procedures manuals, analysts are allowed to hold long or short positions in shares or securities issued by companies that are listed on the Mexican Stock Exchange and may be the subject of this report; nonetheless, equity analysts have to adhere to certain rules that regulate their participation in the market in order to prevent, among other things, the use of private information for their benefit and to avoid conflicts of interest. Analysts shall refrain from investing and holding transactions with securities or derivative instruments directly or through an intermediary person, with Securities subject to research reports, from 30 calendar days prior to the issuance date of the report in question, and up to 10 calendar days after its distribution date

Compensation of Analysts.

Analysts' compensation is based on activities and services that are aimed at benefiting the investment clients of Casa de Bolsa Banorte and its subsidiaries. Such compensation is determined based on the general profitability of the Brokerage House and the Financial Group and on the individual performance of each analyst. However, investors should note that analysts do not receive direct payment or compensation for any specific transaction in investment banking or in other business areas.

Last-twelve-month activities of the business areas.

Grupo Financiero Banorte S.A.B. de C.V., through its business areas, provides services that include, among others, those corresponding to investment banking and corporate banking, to a large number of companies in Mexico and abroad. It may have provided, is providing or, in the future, will provide a service such as those mentioned to the companies or firms that are the subject of this report. Casa de Bolsa Banorte or its affiliates receive compensation from such corporations in consideration of the aforementioned services.

Over the course of the last twelve months, Grupo Financiero Banorte S.A.B. C.V., has not obtained compensation for services rendered by the investment bank or by any of its other business areas of the following companies or their subsidiaries, some of which could be analyzed within this report.

Activities of the business areas during the next three months.

Casa de Bolsa Banorte, Grupo Financiero Banorte or its subsidiaries expect to receive or intend to obtain revenue from the services provided by investment banking or any other of its business areas, by issuers or their subsidiaries, some of which could be analyzed in this report.

Securities holdings and other disclosures.

As of the end of last quarter, Grupo Financiero Banorte S.A.B. of C.V. has not held investments, directly or indirectly, in securities or derivative financial instruments, whose underlying securities are the subject of recommendations, representing 1% or more of its investment portfolio of outstanding securities or 1 % of the issuance or underlying of the securities issued. None of the members of the Board of Grupo Financiero Banorte and Casa de Bolsa Banorte, along general managers and executives of an immediately below level, have any charges in the issuers that may be analyzed in this document.

The Analysts of Grupo Financiero Banorte S.A.B. of C.V. do not maintain direct investments or through an intermediary person, in the securities or derivative instruments object of this analysis report.

Guide for investment recommendations.

	Reference
BUY	When the share expected performance is greater than the MEXBOL estimated performance.
HOLD	When the share expected performance is similar to the MEXBOL estimated performance.
SELL	When the share expected performance is lower than the MEXBOL estimated performance.

Even though this document offers a general criterion of investment, we urge readers to seek advice from their own Consultants or Financial Advisors, in order to consider whether any of the values mentioned in this report are in line with their investment goals, risk and financial position.

Determination of Target Prices

For the calculation of estimated target prices for securities, analysts use a combination of methodologies generally accepted among financial analysts, including, but not limited to, multiples analysis, discounted cash flows, sum-of-the-parts or any other method that could be applicable in each specific case according to the current regulation. No guarantee can be given that the target prices calculated for the securities will be achieved by the analysts of Grupo Financiero Banorte S.A.B. C.V, since this depends on a large number of various endogenous and exogenous factors that affect the performance of the issuing company, the environment in which it performs, along with the influence of trends of the stock market, in which it is listed. Moreover, the investor must consider that the price of the securities or instruments can fluctuate against their interest and cause the partial and even total loss of the invested capital.

The information contained hereby has been obtained from sources that we consider to be reliable, but we make no representation as to its accuracy or completeness. The information, estimations and recommendations included in this document are valid as of the issue date, but are subject to modifications and changes without prior notice; Grupo Financiero Banorte S.A.B. of C.V. does not commit to communicate the changes and also to keep the content of this document updated. Grupo Financiero Banorte S.A.B. of C.V. takes no responsibility for any loss arising from the use of this report or its content. This document may not be photocopied, quoted, disclosed, used, or reproduced in whole or in part without prior written authorization from Grupo Financiero Banorte S.A.B. of C.V.

History of PT and ratings

Stock	Date	Rating	PT
GMEXICO	07/27/22	HOLD	\$ 98.00
GMEXICO	03/02/22	BUY	\$112.00
GMEXICO	07/27/22	HOLD	\$ 86.00
GMEXICO	04/27/21	BUY	\$135.00

MSCI ESG Rating scale

CCC	В	BB	BBB	Α	AA	AAA
LAGG	ARD	А	VERAGE		LEA	DER

*MSCI ESG Rating is an indicator that evaluates companies in Environment, Social and Governance (ESG) metrics.



GRUPO FINANCIERO BANORTE S.A.B. de C.V.

Decearch and Stratagy			
Research and Strategy Alejandro Padilla Santana	Chief Economist and Head of Research	alejandro.padilla@banorte.com	(55) 1103 - 4043
Raquel Vázquez Godinez	Assistant	raquel.vazquez@banorte.com	(55) 1670 - 2967
Itzel Martínez Rojas	Analyst	itzel.martinez.rojas@banorte.com	(55) 1670 - 2251
Lourdes Calvo Fernández	Analyst (Edition)	lourdes.calvo@banorte.com	(55) 1103 - 4000 x 2611
María Fernanda Vargas Santoyo	Analyst	maria.vargas.santoyo@banorte.com	(55) 1103 - 4000
Economic Research			
Juan Carlos Alderete Macal, CFA	Executive Director of Economic Research and Financial Markets Strategy	juan.alderete.macal@banorte.com	(55) 1103 - 4046
Francisco José Flores Serrano	Director of Economic Research, Mexico	francisco.flores.serrano@banorte.com	(55) 1670 - 2957
Katia Celina Goya Ostos	Director of Economic Research, Global	katia.goya@banorte.com	(55) 1670 - 1821
Yazmín Selene Pérez Enríquez	Senior Economist, Mexico	yazmin.perez.enriquez@banorte.com	(55) 5268 - 1694
Cintia Gisela Nava Roa	Senior Economist, Mexico	cintia.nava.roa@banorte.com	(55) 1103 - 4000
Luis Leopoldo López Salinas	Manager Global Economist	luis.lopez.salinas@banorte.com	(55) 1103 - 4000 x 2707
Market Strategy			
Manuel Jiménez Zaldívar	Director of Market Strategy	manuel.jimenez@banorte.com	(55) 5268 - 1671
Fixed income and FX Strategy			
Leslie Thalía Orozco Vélez	Senior Strategist, Fixed Income and FX	leslie.orozco.velez@banorte.com	(55) 5268 - 1698
Isaías Rodríguez Sobrino	Strategist, Fixed Income, FX and Commodities	isaias.rodriguez.sobrino@banorte.com	(55) 1670 - 2144
Equity Strategy			
Marissa Garza Ostos	Director of Equity Strategy	marissa.garza@banorte.com	(55) 1670 - 1719
José Itzamna Espitia Hernández	Senior Strategist, Equity	jose.espitia@banorte.com	(55) 1670 - 2249
Carlos Hernández García	Senior Strategist, Equity	carlos.hernandez.garcia@banorte.com	(55) 1670 - 2250
Víctor Hugo Cortes Castro	Senior Strategist, Technical	victorh.cortes@banorte.com	(55) 1670 - 1800
Juan Carlos Mercado Garduño	Strategist, Equity	juan.mercado.garduno@banorte.com	(55) 1103 - 4000 x 1746
Corporate Debt	Conjer Analyst Cornerate Dobt	hugaa gamaa (Chanarta aam	(EE) 1470 2247
Hugo Armando Gómez Solís	Senior Analyst, Corporate Debt	hugoa.gomez@banorte.com	(55) 1670 - 2247
Gerardo Daniel Valle Trujillo	Analyst, Corporate Debt	gerardo.valle.trujillo@banorte.com	(55) 1670 - 2248
Quantitative Analysis	Evenutive Director of Quantitative Analysis	alajandra con jantos @kaparta com	(EE) 1470 2072
Alejandro Cervantes Llamas José Luis García Casales	Executive Director of Quantitative Analysis	alejandro.cervantes@banorte.com	(55) 1670 - 2972
Miguel Alejandro Calvo Domínguez	Director of Quantitative Analysis Senior Analyst, Quantitative Analysis	jose.garcia.casales@banorte.com miguel.calvo@banorte.com	(55) 8510 - 4608 (55) 1670 - 2220
José De Jesús Ramírez Martínez	Senior Analyst, Quantitative Analysis Senior Analyst, Quantitative Analysis	jose.ramirez.martinez@banorte.com	(55) 1103 - 4000
Daniel Sebastián Sosa Aguilar	Senior Analyst, Quantitative Analysis Senior Analyst, Quantitative Analysis	daniel.sosa@banorte.com	(55) 1103 - 4000
Jazmin Daniela Cuautencos Mora	Strategist, Quantitative Analysis	jazmin.cuautencos.mora@banorte.com	(55) 1103 - 4000
Andrea Muñoz Sánchez	Analyst, Quantitative Analysis	andrea.munoz.sanchez@banorte.com	(55) 1103 - 4000
Wholesale Banking			
Armando Rodal Espinosa	Head of Wholesale Banking	armando.rodal@banorte.com	(55) 1670 - 1889
Alejandro Aguilar Ceballos	Head of Asset Management	alejandro.aguilar.ceballos@banorte.com	(55) 5004 - 1282
Alejandro Eric Faesi Puente			
	Head of Global Markets and Institutional Sales	alejandro.faesi@banorte.com	(55) 5268 - 1640
Alejandro Frigolet Vázquez Vela	_	alejandro.faesi@banorte.com alejandro.frigolet.vazquezvela@banorte.com	(55) 5268 - 1640 (55) 5268 - 1656
	Head of Global Markets and Institutional Sales	· ·	
Alejandro Frigolet Vázquez Vela	Head of Global Markets and Institutional Sales Head of Sólida Banorte	alejandro.frigolet.vazquezvela@banorte.com	(55) 5268 - 1656
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez Jorge de la Vega Grajales	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring Head of Government Banking	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com jorge.delavega@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127 (55) 5004 - 5121
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez Jorge de la Vega Grajales Luis Pietrini Sheridan	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring Head of Government Banking Head of Private Banking	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com jorge.delavega@banorte.com luis.pietrini@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127 (55) 5004 - 5121 (55) 5249 - 6423
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez Jorge de la Vega Grajales Luis Pietrini Sheridan Lizza Velarde Torres	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring Head of Government Banking Head of Private Banking Executive Director of Wholesale Banking	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com jorge.delavega@banorte.com luis.pietrini@banorte.com lizza.velarde@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127 (55) 5004 - 5121 (55) 5249 - 6423 (55) 4433 - 4676
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez Jorge de la Vega Grajales Luis Pietrini Sheridan Lizza Velarde Torres Osvaldo Brondo Menchaca	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring Head of Government Banking Head of Private Banking Executive Director of Wholesale Banking Head of Specialized Banking Services	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com jorge.delavega@banorte.com luis.pietrini@banorte.com lizza.velarde@banorte.com osvaldo.brondo@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127 (55) 5004 - 5121 (55) 5249 - 6423 (55) 4433 - 4676 (55) 5004 - 1423
Alejandro Frigolet Vázquez Vela Arturo Monroy Ballesteros Carlos Alberto Arciniega Navarro Gerardo Zamora Nanez Jorge de la Vega Grajales Luis Pietrini Sheridan Lizza Velarde Torres Osvaldo Brondo Menchaca Raúl Alejandro Arauzo Romero	Head of Global Markets and Institutional Sales Head of Sólida Banorte Head of Investment Banking and Structured Finance Head of Treasury Services Head of Transactional Banking, Leasing and Factoring Head of Government Banking Head of Private Banking Executive Director of Wholesale Banking Head of Specialized Banking Services Head of Transactional Banking	alejandro.frigolet.vazquezvela@banorte.com arturo.monroy.ballesteros@banorte.com carlos.arciniega@banorte.com gerardo.zamora@banorte.com jorge.delavega@banorte.com luis.pietrini@banorte.com lizza.velarde@banorte.com osvaldo.brondo@banorte.com alejandro.arauzo@banorte.com	(55) 5268 - 1656 (55) 5004 - 5140 (81) 1103 - 4091 (81) 8173 - 9127 (55) 5004 - 5121 (55) 5249 - 6423 (55) 4433 - 4676 (55) 5004 - 1423 (55) 5261 - 4910