

Triple Flag Precious Metals Corp.

No surprises on Q4 top line results versus BofAe: 2023 sales guidance achieved

Reiterate Rating: BUY | PO: 23.00 CAD | Price: 16.60 CAD

Reiterate Buy on volume growth outlook

Earlier, Triple Flag Precious Metals (TFPM) announced Q4'23 production volumes and revenues. Overall, Q4'23 revenues were in-line with BofAe though 3% above Bloomberg consensus. For full-year 2023, TFPM achieved sales volume guidance. Despite lowering some of our near and longer-term estimates, we see TPFM delivering strong relative volume growth and undervalued versus senior peers, to whom it comes well. On the back of our lower near and long-term estimates, we reduce our PO to \$16.75/C\$23.00 (from \$17.00/C\$23.25), implying attractive upside. Reiterate Buy rating.

Q4 sales volumes inline with BofA, better vs. consensus

TFPM reported Q4'23 revenues of \$51.7 million (mn) which were largely in-line with BofAe at \$52.4mn though 3% above Bloomberg consensus at \$50.1mn and 2% above Visible Alpha (VA) consensus of \$50.9mn. For Q4'23, TFPM reported sales of 26,243 gold equivalent ounces (GEOs). This was up 2% quarter-over-quarter (QoQ) from 25,629 GEOs in Q3'23. For 2023, TFPM reported sales volume of 105,087 GEOs, within the 2023 guidance range of 100,000-115,000 GEOs. Versus full-year 2022, this implies sales volume growth of 24%, reflecting a key benefit of the Maverix (MMX) acquisition.

Update Q4'23 and longer-term estimates

We update our model for Q4'23 results and refine our longer-term estimates for various assets. We adjusted for an updated feasibility study for Koné gold project (released 16-Jan-24, operator Montage Gold), we push-out out first production and ramp-up expectations for Pumpkin Hollow, and we add some conservatism to the ramp-up of Beta Hunt following a recent update from operator Karora Resources, in addition to other minor modeling updates. Our 2023E EPS declines to \$0.33 (from \$0.34), 2024E EPS to \$0.56 (from \$0.63) and 2025E EPS to \$0.70 (from \$0.73). We now model 2024E GEO volume of 117,998 vs. 129,921 prior.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	0.39	0.40	0.33	0.56	0.70
GAAP EPS	0.31	0.35	0.22	0.56	0.70
EPS Change (YoY)	-18.8%	2.6%	-17.5%	69.7%	25.0%
Consensus EPS (Bloomberg)			0.33	0.45	0.48
DPS	0.10	0.19	0.21	0.21	0.21
EPS (TFPM - US\$)	0.39	0.40	0.33	0.56	0.70
DPS (TFPM - US\$)	0.10	0.19	0.21	0.21	0.21
Valuation (Dec)					
P/E	33.7x	30.6x	38.1x	22.0x	17.6x
GAAP P/E	42.4x	35.0x	57.2x	22.0x	17.6x
Dividend Yield	0.8%	1.6%	1.6%	1.7%	1.7%
EV / EBITDA*	19.8x	21.0x	15.7x	12.5x	10.8x
Free Cash Flow Yield*	4.5%	4.6%	4.5%	5.8%	6.8%
* For full definitions of <i>Qmethod</i> sm measures, see page 5.					

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Refer to important disclosures on page 6 to 9. Analyst Certification on page 4. Price
Objective Basis/Risk on page 4.

Timestamp: 17 January 2024 01:03PM EST

17 January 2024

Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	C\$23.25	C\$23.00
2023E EPS	0.34	0.33
2024E EPS	0.63	0.56
2025E EPS	0.73	0.70

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Stock Data

ESGMeter™

Price (TOR / NYS)	16.60 CAD / 12.31 USD
Price Objective	23.00 CAD / 16.75 USD
Date Established	17-Jan-2024 / 17-Jan-2024
Investment Opinion	B-1-7 / B-1-7
52-Week Range	16.04 CAD - 23.54 CAD
Market Value (mn)	3,346 CAD
Free Float	29.8%
Average Daily Value	1.67 USD
Shares Outstanding	(mn) 201.6 / 201.6
BofA Ticker / Exchan	ge YTFPM / TOR
BofA Ticker / Exchan	ge TFPM / NYS
Bloomberg / Reuters	TFPM CN / TFPM.TO
ROE (2023E)	4.2%
Net Dbt to Eqty (Dec	-5.4%
2022A)	

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

Medium

Refer to "Other Important Disclosures" for information on certain BofA Securities entities that take responsibility for the information herein in particular jurisdictions.

iQprofile[™] Triple Flag Precious Metals Corp.

iQmethod "" – Bus Performance*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Return on Capital Employed	4.6%	4.4%	2.8%	5.7%	7.0%
Return on Equity	5.0%	4.7%	4.2%	6.0%	7.2%
Operating Margin	45.5%	42.2%	24.6%	52.8%	59.0%
Free Cash Flow	120	118	115	143	170

*iQ*method SM − Quality of Earnings*

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash Realization Ratio	2.1x	1.9x	2.3x	1.6x	1.5x
Asset Replacement Ratio	0x	0x	0.6x	0.5x	0.6x
Tax Rate	12.4%	8.0%	3.2%	9.2%	10.7%
Net Debt-to-Equity Ratio	-3.1%	-5.4%	1.4%	-4.0%	-10.2%
Interest Cover	12.0x	NM	13.2x	NA	NA

Income Statement Data (Dec)

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Sales	150	152	204	234	267
% Change	33.1%	1.3%	34.3%	14.7%	14.0%
Gross Profit	136	137	169	206	234
% Change	32.0%	0.4%	23.6%	21.8%	13.7%
EBITDA	125	118	158	197	230
% Change	29.5%	-5.5%	34.0%	25.2%	16.3%
Net Interest & Other Income	(17)	(4)	(4)	0	0
Net Income (Adjusted)	58	62	66	112	141
% Change	3.7%	7.4%	7.4%	68.8%	25.3%

Free Cash Flow Data (Dec)

2021A	2022A	2023E	2024E	2025E
46	55	44	112	141
54	50	66	69	67
1	0	7	0	0
NA	NA	NA	NA	NA
20	13	35	0	0
0	0	(38)	(38)	(38)
120	118	115	143	170
42.2%	-1.4%	-3.0%	24.7%	18.7%
264	0	16	0	0
(15)	(30)	(41)	(42)	(42)
(275)	0	65	0	0
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Balance Sheet Data (Dec)

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash & Equivalents	41	71	40	141	268
Trade Receivables	7	10	16	16	16
Other Current Assets	25	10	18	18	18
Property, Plant & Equipment	NA	NA	NA	NA	NA
Other Non-Current Assets	1,231	1,246	1,841	1,810	1,780
Total Assets	1,303	1,337	1,914	1,984	2,082
Short-Term Debt	0	0	0	0	0
Other Current Liabilities	4	13	13	13	13
Long-Term Debt	0	0	65	65	65
Other Non-Current Liabilities	4	6	8	8	8
Total Liabilities	9	19	85	85	85
Total Equity	1,295	1,318	1,829	1,899	1,997
Total Equity & Liabilities	1,303	1,337	1,914	1,984	2,082

^{*} For full definitions of *IQ*methodSM measures, see page 5.

Company Sector

Gold & Precious Metals

Company Description

Triple Flag Precious Metals (TFPM on the TSX) is a gold-focused royalty and streaming company offering bespoke financing solutions to the metals and mining industry. It has a diversified portfolio of streams and royalties on mostly long life, low cost, high quality assets, that provides exposure primarily to gold and silver. TFPM's assets include 15 producing mines and 65 development and exploration stage projects.

Investment Rationale

We rate Triple Flag a Buy given its high quality asset base (low cost and diversified across geography, commodity, and operators), solid gold equivalent ounce (GEO) sales growth (on 2025E vs. 2022E), strong balance sheet and attractive valuation vs. senior peers. TFPM's cash position is expected to rise substantially over the coming years.

Stock Data

Average Daily Volume	135,487
Shares / Common - Dual Listed	1.00

Quarterly Earnings Estimates

	2022	2023
Q1	0.10A	0.07A
Q2	0.10A	0.09A
Q3	0.09A	0.09A
Q4	0.12A	0.09E

Key Changes		
(US\$)	Previous	Current
Price Obj.	17.00	16.75
2023E EPS	0.34	0.33
2024E EPS	0.63	0.56
2025E EPS	0.73	0.70



Model changes

Exhibit 1: TFPM Key Changes

We update our model for Q4'23 sales volumes and also adjust our long-term estimates as noted on page 1.

	202	23E	Δ%	202	24E	Δ%	20	25E	Δ%
Revenue (mn)	204.7	204.0	0%	256.6	234.0	-9%	277.3	266.8	-4%
GEOs (oz)	105,825	105,370	0%	129,912	117,998	-9%	143,071	129,213	-10%
Adjusted earnings (mn)	66.8	66.5	-1%	126.8	112.2	-12%	146.8	140.6	-4%
Adjusted EPS (\$/sh)	0.34	0.33	-1%	0.63	0.56	-12%	0.73	0.70	-4%
EBITDA	116.1	115.7	0%	211.2	192.2	-9%	231.8	224.3	-3%
Year-end cash	115.2	114.8	0%	158.9	143.2	-10%	176.2	169.9	-4%

Source: BofA Global Research

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Valuation comparables

Exhibit 2: North American Precious Metals Valuation Comparables

TFPM trades at a steep discount vs. other larger royalty and streaming peers, despite comparing well against them on various metrics.

Priced as of 17-Jan-2024			МС	ND	EV	P	/CFPS (x)	E	V/EBITI)A	ı	CF yiel	d		ND/E	BITDA	Div. yield
·	BofA	Share	 \	<i>,</i> ,	<i>,</i> ,										D (3141)		20245	
Senior Gold Producers(1)	Sym	Price	(\$mn)	(\$mn)	(\$mn)	2023E	2024E	2025E	2023E	2024E	2025E	2023E	2024E	2025E	P/NAV	2023E	2024E	2023E
Agnico Eagle Mines	AEM	49.06	24,360	1.752	26.113	9.0	8.6	7.3	5.5	7.6	6.3	4%	4%	6%	1.33	0.3	0.3	3.3%
Barrick Gold	GOLD	15.49	27.184	514	36.376	6.6	6.3	5.1	7.2	5.7	4.6	1%	3%	8%	0.78	0.2	0.2	2.6%
Kinross Gold	KGC	5.45	6,692	1,975	8,771	4.5	4.5	3.7	4.8	4.9	4.0	6%	5%	10%	1.04	1.0	1.0	2.2%
Newmont Corporation	NEM	34.98	40,308	2,852	43,346	10.7	8.0	6.4	13.3	6.9	5.3	1%	3%	7%	0.92	1.2	0.7	4.6%
Market Cap Weighted Average						8.7	7.4	6.1	8.9	6.5	5.2	2%	3%	7%	0.99	0.7	0.5	3.5%
Mid-Tier Gold Producers																		
B2Gold ⁽¹⁾	BTG	2.94	3,817	(238)	3,688	4.5	5.9	4.0	3.9	4.4	3.1	2%	-3%	19%	0.90	(0.3)	0.0	5.5%
Centerra Gold ⁽²⁾	YCG	7.19	1,147	(492)	655	8.2	5.3	5.1	2.7	2.1	2.1	22%	10%	19%	0.51	(2.5)	(2.0)	3.9%
Eldorado Gold ⁽¹⁾	EGO	12.27	2,511	138	2,644	7.1	7.2	7.0	6.3	5.8	5.6	-2%	-10%	-1%	0.86	0.3	0.9	0.0%
Endeavour Mining (2)	YEDV	23.71	4,345	485	5,176	8.3	5.2	4.2	6.0	3.8	3.0	-1%	11%	23%	0.67	0.5	0.0	4.6%
IAMGOLD (1)	IAG	2.47	1,186	417	1,659	3.6	5.5	2.3	7.7	6.0	2.3	-48%	-18%	30%	0.50	2.41	2.8	0.0%
SSR Mining ⁽¹⁾	SSRM	10.04	2,047	(135)	2,889	4.6	6.4	5.1	5.8	7.9	6.5	2%	2%	4%	0.80	(0.5)	(0.2)	2.8%
Market Cap Weighted Average						6.2	5.9	4.7	5.6	5.1	3.9	-2%	0%	16%	0.75	0.3	0.4	3.5%
Intermediate/Jr Gold Producers																		
Alamos Gold (1)	AGI	12.12	4,809	(230)	4,579	9.1	11.2	8.2	8.9	8.8	7.4	3%	1%	5%	1.20	(0.5)	(0.5)	0.8%
New Gold (1)	NGD	1.31	896	213	1,109	3.1	2.7	1.8	3.6	3.1	2.0	-1%	3%	32%	0.59	0.8	0.7	0.0%
Market Cap Weighted Average						8.1	9.8	7.2	7.9	7.7	6.3	2%	1%	9%	1.10	(0.3)	(0.3)	0.6%
Royalty Companies																		
Franco-Nevada (2)	FNV	108.19	20,785	(1,297)		21.9	22.0	17.6	18.8	18.5	14.3	5%	5%	6%	1.95	(1.4)	(2.0)	1.3%
Royal Gold (1,19)	RGLD	117.94	7,748	218	7,978	19.5	15.3	13.8	17.4	13.9	12.8	5%	6%	7%	1.97	0.3	(0.4)	1.4%
Triple Flag Precious Metals	YTFPM	16.60	2,475	39	2,514	16.1	13.7	11.9	21.7	13.1	11.2	3%	4%	5%	0.94	0.2	(0.4)	1.7%
Wheaton Precious Metals (1)	WPM	46.18	20,919	(828)	20,092	28.6	21.5	19.0	28.1	20.6	18.2 15.5	3%	5%	5%	2.03	(1.3)	(1.0)	1.3%
Market Cap Weighted Average						24.0	20.4	17.3	22.5	18.3	15.5	4%	5%	6%	1.95	(1.0)	(1.3)	1.3%
Primary Silver Producers	D116	10.70	F 026	706	5 7 4 C	0.0	7.0		0.6		F 2	00/	40/	00/	0.02	0.7	0.4	0.004
Pan American Silver (1)	PAAS	13.78	5,020	726	5,746	9.2	7.0	5.7	9.6	6.8	5.2	0%	4%	8%	0.92	0.7	0.4	0.0%
Market Cap Weighted Average						9.2	7.0	5.7	9.6	6.8	5.2	0%	4%	8%	0.92	0.7	0.4	0.0%
Carrier Diagram Data Clabel Daga																		

Source: Bloomberg, BofA Global Research, Company reports

(1) all data points in USD; (2) stock price in CAD; EPS, CFPS, NAV in USD; (3) all estimates except NAV in CAD; price in USD (4) AUD\$ (5) ZAR (6) stock price, NAV in pence; market cap in GBP, EPS, CFPS in USD; (7) stock price, market cap and NAV in CAD\$; EPS and CFPS in USD\$; (8) share price and NAV in HKD; EPS and CFPS in USD; (9) stock price, NAV in pence; market cap in USD EPS, CFPS in GBP; (10) stock price, market cap, NAV in AUD, EPS, and CFPS in USD; (11) stock price and market cap in CAD; NAV in GBP, EPS and CFPS in USD; (12) stock price, market cap, EPS, CFPS and NAV in TRY; (13) Estimates are based on Bloomberg consensus; (14) stock price, market cap and NAV in ZAR; EPS and CFPS in USD.

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Price objective basis & risk

Triple Flag Precious Metals Corp. (YTFPM / TFPM)

Our C\$23.00 (\$16.75) per share PO for TFPM is based on a target valuation multiple of 1.75x our estimated NAV. The multiple is a slight discount to the senior royalty & streaming peers giving consideration to TFPM's smaller market cap and liquidity, and less diversification by geography, commodity and operator, partly offset by above average margins and attributable GEO production growth. The multiple is at the high end of the range for the gold producer peers given the attractive relative investment characteristics of the royalty & streaming business model (precious metals exposure with insulation from opex and capex inflation and upside from production growth and exploration success.

Our NAV estimate is based on a 5% real discount rate and long-term gold and silver prices of \$1,850/oz and \$26.000/oz (starting in 2029E).

Downside risks to our PO are: 1) a lack of input the operation of portfolio assets, 2) competition from a growing royalty and streaming sector 3) precious metal price volatility, 4) asset investments in non-investment grade emerging markets, 5) concentrated ownership structure, 6) ramp up issues at the Gunnison and Pumpkin Hollow mines.

Upside risks are: 1) higher than expected gold and silver prices, 2) future exploration discoveries and unexpected expansions at mines in the portfolio, 3) a potential acquisition of TFPM.

Analyst Certification

I, Lawson Winder, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

North America - Metals and Mining Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Agnico Eagle Mines	AEM	AEM US	Lawson Winder, CFA
	B2Gold Corp	YBTO	BTO CN	Harmen Puri
	B2Gold Corp	BTG	BTG US	Harmen Puri
	Barrick Gold	GOLD	GOLD US	Lawson Winder, CFA
	Cameco Corporation	YCCO	CCO CN	Lawson Winder, CFA
	Cameco Corporation	CCJ	CCJ US	Lawson Winder, CFA
	Commercial Metals	CMC	CMC US	Lawson Winder, CFA
	Endeavour Mining	YEDV	EDV CN	Harmen Puri
	Endeavour Mining	EDVMF	EDVMF US	Harmen Puri
	Endeavour Mining PLC	XEDVF	EDV LN	Harmen Puri
	Franco-Nevada	YFNV	FNV CN	Lawson Winder, CFA
	Franco-Nevada	FNV	FNV US	Lawson Winder, CFA
	IAMGOLD	YIMG	IMG CN	Lawson Winder, CFA
	IAMGOLD Corp.	IAG	IAG US	Lawson Winder, CFA
	Ivanhoe Mines	YIVN	IVN CN	Lawson Winder, CFA
	Ivanhoe Mines	IVPAF	IVPAF US	Lawson Winder, CFA
	Lundin Mining	XLPRF	LUMI SS	Lawson Winder, CFA
	Lundin Mining Corp	YLUN	LUN CN	Lawson Winder, CFA
	Lundin Mining Corp	LUNMF	LUNMF US	Lawson Winder, CFA
	MP Materials	MP	MP US	Lawson Winder, CFA
	Newmont Corporation	NEM	NEM US	Lawson Winder, CFA
	Newmont Corporation	XNCRF	NEM AU	Lawson Winder, CFA
	Nucor	NUE	NUE US	Lawson Winder, CFA
	Pan American Silver	PAAS	PAAS US	Lawson Winder, CFA

North America - Metals and Mining Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Teck Resources	YTECK	TECK/B CN	Lawson Winder, CFA
	Teck Resources Ltd	TECK	TECK US	Lawson Winder, CFA
	Triple Flag Precious Metals Corp.	YTFPM	TFPM CN	Lawson Winder, CFA
	Triple Flag Precious Metals Corp.	TFPM	TFPM US	Lawson Winder, CFA
	Wheaton Precious Metals	WPM	WPM US	Lawson Winder, CFA
NEUTRAL				
	Alamos Gold	YAGI	AGI CN	Harmen Puri
	Alamos Gold	AGI	AGI US	Harmen Puri
	Alcoa Corporation	AA	AA US	Lawson Winder, CFA
	Cleveland-Cliffs	CLF	CLF US	Lawson Winder, CFA
	First Quantum	FQVLF	FQVLF US	Lawson Winder, CFA
	First Quantum Minerals	YFM	FM CN	Lawson Winder, CFA
	Freeport-McMoRan	FCX	FCX US	Lawson Winder, CFA
	Hudbay Minerals	YHBM	HBM CN	Lawson Winder, CFA
	HudBay Minerals	HBM	HBM US	Lawson Winder, CFA
	Reliance Steel & Aluminum	RS	RS US	Lawson Winder, CFA
	Steel Dynamics	STLD	STLD US	Lawson Winder, CFA
UNDERPERFORM				
	Centerra Gold	YCG	CG CN	Lawson Winder, CFA
	Centerra Gold	CGAU	CGAU US	Lawson Winder, CFA
	Eldorado Gold	EGO	EGO US	Harmen Puri
	Eldorado Gold	YELD	ELD CN	Harmen Puri
	Kinross Gold	KGC	KGC US	Lawson Winder, CFA
	New Gold Inc.	YNGD	NGD CN	Harmen Puri
	New Gold Inc.	NGD	NGD US	Harmen Puri
	Nexa Resources	NEXA	NEXA US	Lawson Winder, CFA
	Royal Gold	RGLD	RGLD US	Lawson Winder, CFA
	SSR Mining Inc.	SSRM	SSRM US	Lawson Winder, CFA
	SSR Mining Inc.	YSSRM	SSRM CN	Lawson Winder, CFA

IQmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
·	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

Remethods sis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Related base is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

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Disclosures

Important Disclosures

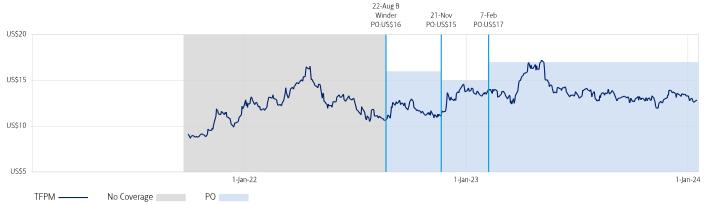
Triple Flag (YTFPM) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Triple Flag (TFPM) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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Equity Investment Rating Distribution: Non-Ferrous Metals/Mining & Minerals Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	58	53.70%	Buy	26	44.83%
Hold	24	22.22%	Hold	10	41.67%
Sell	26	24.07%	Sell	13	50.00%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

 Buy
 ≥ 10%
 ≤ 70%

 Neutral
 ≥ 0%
 ≤ 30%

 Underperform
 N/A
 ≥ 20%

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