

INDUSTRY RATING

Diversified Metals & Mining: Overweight

(NBF Economics & Strategy Group)

Base Metals Price Update

Updating Commodity Price Assumptions - Equities Remain Discounted

Revised Metal Price Assumptions

We updated near-term metal price assumptions in line with spot for the remainder of 2021 and 2022, trending to our long-term fundamental price assumptions (unchanged) by 2025. The most notable increase was 2021/2022 copper prices to US\$4.00/lb (from US\$3.55/lb previously). Overall, base metal commodity prices continue to reflect high speculative interest based on a positive longer-term outlook given increased copper-intensive green energy technologies, a continued reopening of the economy and as a general hedge against inflation - a view largely in line with our long-term fundamental thesis. Given there remains some uncertainty as to the extent countries can contain new waves of infection in the near term until successful vaccines are rolled out, fiscal and monetary support measures will be imperative to maintaining economic recovery and prices will remain volatile in the near term.

Equity Valuations Remain Discounted

Equity valuations remain in line with historical ranges despite the strong copper price outlook and current low interest rate environment. Our base metal coverage is currently implying a copper price of US\$3.03/lb (producers: US\$3.28/lb, developers: US\$2.55/lb) compared to US\$2.81/lb at the start of the year, while copper prices have rallied from US\$3.60/lb to US\$4.10/lb over the same period.

Top picks: CS, FM, CMMC and ADZN

Capstone Mining (CS; \$5.65 TP, Outperform) continues to advance several transformational catalysts throughout 2021 at Pinto Valley and Cozamin. We incorporated the recent consolidation, stream sale and port agreement at Santo Domingo and await a partnership/financing agreement by mid-year to provide further certainty in the upcoming development of this transformational project.

First Quantum Minerals (FM; \$32.00 TP, Outperform) remains a 'go-to' copper producer given its high-quality asset base, low AISC and one of the most robust project pipelines (including Cobre-Panama, Kansanshi S3 expansion and Taca Taca). Long-term fiscal certainty in Zambia as well as a potential IMF bailout package for the country would improve investor sentiment.

Copper Mountain Mining (CMMC; \$4.50 TP, Outperform). We are adding CMMC to our top picks given a strong near-term production outlook at the Copper Mountain Mine (entering a high-grade sequence for 2021-2022 and completion of mill expansion to 45,000 tpd in Q3). CMMC continues to trade at a steep discount despite the recent US\$260 mln Note issuance freeing up cash flow to direct towards future growth opportunities at Eva (development decision anticipated by year-end).

Adventus Mining (ADZN; \$1.65 TP, Outperform) remains our top developer pick, as our valuation is based solely on the currently defined El Domo deposit, with exploration success at Curipamba or the company's Pijili/Santiago targets in 2021 expected to add incremental value. Further clarity on funding/permitting is anticipated following the second round of Ecuadorian elections on April 11th.

NBCFM Mining Research

Analyst Shane Nagle, CFA (416) 869-7936 • shane.nagle@nbc.ca

Analyst Don DeMarco, MBA, P.Eng, P.Geo (416) 869-7572 • don.demarco@nbc.ca

Associate Lola Aganga, M.Eng. (416) 869-6516 • lola.aganga@nbc.ca

Associate Ahmed Al-Saidi
(416) 869-7535 • ahmed.al-saidi@nbc.ca

Associate Harmen Puri (416) 869-8045 • harmen.puri@nbc.ca



Summary: Near-Term Commodity Prices Updated to Reflect Spot; Equities Remain Discounted

Figure 1: Summary of Revisions to Ratings/Target

	Ticker	Analyst	Price (C\$)	Rating	Target (C\$)	
					Current	Previous
Capstone Mining Corp.	CS.TO	Nagle	\$4.35	OP	\$5.65	\$4.50
Copper Mountain Mining Corp.	CMMC.TO	Nagle	\$3.32	OP	\$4.50	\$3.25
Ero Copper Corp.	ERO.TO	Nagle	\$22.74	SP	\$26.00	\$24.00
First Quantum Minerals Ltd	FM.TO	Nagle	\$28.15	OP	\$32.00	\$29.00
Hudbay Minerals Inc.	HBM.TO	Nagle	\$10.12	SP	\$12.50	\$11.50
Lundin Mining Corp.	LUN.TO	Nagle	\$13.99	SP	\$16.25	\$15.50
Nexa Resources	NEXA.TO	Nagle	\$13.15	SP	\$15.50	\$15.00
Sherritt International Corp.	S.TO	DeMarco	\$0.53	SP	\$0.65	\$0.60
Taseko Mines Ltd.	TKO.TO	Nagle	\$2.30	SP	\$3.00	\$2.65
Teck Resources Ltd.	TECKb.TO	Nagle	\$24.87	OP	\$30.00	\$30.00
Trevali Mining Corp.	TV.TO	Nagle	\$0.21	SP	\$0.25	\$0.25
Adventus Mining	ADZN.V	Nagle	\$1.09	OP	\$1.65	\$1.65
Filo Mining Corp.	FIL.V	Nagle	\$3.47	OP	\$4.50	\$3.50
Nevada Copper Corp.	NCU.TO	Nagle	\$0.18	SP	\$0.20	\$0.20
Josemaria Resources Inc.	JOSE.TO	Nagle	\$0.72	R	R	R
Trilogy Metals Corp.	TMQ.TO	Nagle	\$2.89	OP	\$4.25	\$4.00

Source: NBF Estimates, Refinitiv

Revised Commodity Price Assumptions:

- We incorporated an increase in near-term base metal commodity prices reflecting increased spot prices from our previous update in January 2021. While speculative interest remains elevated and potential Latin American supply disruptions has supported prices along with positive long-term sentiment, there remains some uncertainty as to the extent countries can contain new waves of infection in the near term until successful vaccines are rolled out, and as a result, we expect fiscal and monetary support measures will be imperative to maintaining economic recovery and prices will remain volatile in the near term.
- Our long-term price assumptions remain based off industry cost-curve/incentive price analysis and are expected to benefit from increased battery demand for electric vehicles and energy storage, which offers further upside to our long-term price projections.
- See Figure 4 for our revised base metal commodity price assumptions.

What are Stocks Pricing In?

- Equity valuations under our Base Case remain largely in line with historical ranges, despite elevated commodity prices, positive sentiment for the sector and currently depressed interest rates
- We highlight our base metal coverage is currently implying a copper price of US\$3.03/lb (US\$3.28/lb for producers and US\$2.55/lb for developers), relatively unchanged from our previous analysis on March 7, 2021 and compared to an implied price of US\$2.81/lb at the beginning of the year.



Figure 2: Revisions to Price Targets and Valuation Methodologies

	Ticker	Analyst		Rating	Target (C\$)	NAVPS (C\$)	Target Derivation Methodology
Adventus Mining	ADZN.V	Nagle	Current	OP	\$1.65	\$2.10	0.75x NAV
v		Ŭ	Previous	OP	\$1.65	\$2.04	Unchanged
			Change	-	-	1	· ·
Capstone Mining Corp.	CS.TO	Nagle	Current	OP	\$5.65	\$5.76	0.95x NAV (50%); 5.5x EV/2021 CF (25%); 5.5x EV/2022 CF (25%)
J		. 3	Previous	OP	\$4.50	\$4.02	1.0x NAV (50%); 6.0x EV/2021 CF (25%); 6.0x EV/2022 CF (25%)
			Change	-	1	↑	(,
Copper Mountain Mining Corp	. CMMC.TO	Nagle	Current	OP	\$4.50	\$4.70	0.85x NAV (50%); 5.5x EV/2021 CF (25%); 5.5x EV/2022 CF (25%)
11 0 1		Ū	Previous	OP	\$3.25	\$4.15	0.85x NAV (50%); 5.0x EV/2021 CF (25%); 5.0x EV/2022 CF (25%)
			Change	-	1	↑	
Ero Copper Corp.	ERO.TO	Nagle	Current	SP	\$26.00	\$31.41	0.95x NAV (50%); 6.0x EV/2021 CF (25%); 6.0x EV/2022 CF (25%)
		. 3	Previous	SP	\$24.00	\$28.14	Unchanged
			Change	-	↑	↑	 .
Filo Mining Corp.	FIL.V	Nagle	Current	OP	\$4.50	\$6.99	0.55x NAV
• .		•	Previous	OP	\$3.50	\$5.35	Unchanged
			Change	-	↑	↑	•
First Quantum Minerals Ltd	FM.TO	Nagle	Current	OP	\$32.00	\$25.41	1.00x NAV (50%); 7.5x EV/2021 CF (25%); 7.5x EV/2022 CF (25%)
		-	Previous	OP	\$29.00	\$23.23	1.00x NAV (50%); 8.0x EV/2021 CF (25%); 8.0x EV/2022 CF (25%)
			Change	-	↑	↑	
Hudbay Minerals Inc.	нвм.то	Nagle	Current	SP	\$12.50	\$9.60	0.95x NAV (50%); 6.5x EV/2021 CF (25%); 6.5x EV/2022 CF (25%)
			Previous	SP	\$11.50	\$8.05	Unchanged
			Change	-	↑	↑	g
osemaria Resources Inc.	JOSE.TO	Nagle	Current	R	R	R	Restricted
			Previous	R	R	R	Restricted
			Change	-	-	-	7.001.000
Lundin Mining Corp.	LUN.TO	Nagle	Current	SP	\$16.25	\$12.45	1.1x NAV (50%); 6.5x EV/2021 CF (25%); 6.5x EV/2022 CF (25%)
Landar Mining Corp.	2011.10	ragio	Previous	SP	\$15.50	\$11.56	Unchanged
			Change	-	1	1	Chonanged
Nevada Copper Corp.	NCU.TO	Nagle	Current	SP	\$0.20	\$0.37	0.70x NAV
			Previous Change	SP -	\$0.20 -	\$0.43 ↓	0.65x NAV
			_				
Nexa Resources	NEXA.TO	Nagle	Current Previous	SP SP	\$15.50 \$15.00	\$28.48 \$29.61	0.75x NAV (50%); 5.0x EV/2021 CF (25%); 5.0x EV/2022 CF (25%)
			Change	- -	\$15.00 ↑	\$29.01 \	Unchanged
N	0.70	D.M.	_				0.75 NAVDO (400%)
Sherritt International Corp.	S.TO	DeMarco	Current	SP SP	\$0.65	\$0.88	0.75x NAVPS (100%)
			Previous		\$0.60	\$0.60	1.00x NAVPS (100%)
			Change	-	↑	↑	
aseko Mines Ltd.	TKO.TO	Nagle	Current	SP	\$3.00	\$4.23	0.85x NAV (50%); 5.5x EV/2021 CF (25%); 5.5x EV/2022 CF (25%)
			Previous Change	SP -	\$2.65 ↑	\$3.94 ↑	0.85x NAV (50%); 6.0x EV/2021 CF (25%); 6.0x EV/2022 CF (25%)
eck Resources Ltd.	TECKb.TO	Nagle	Current	OP OP	\$30.00	\$26.14 \$27.74	1.0x NAV (50%); 7.0x EV/2021 CF (25%); 7.0x EV/2022 CF (25%)
			Previous		\$30.00	\$27.74	1.00x NAV (50%); 6.5x EV/2021 CF (25%); 6.5x EV/2022 CF (25%)
			Change	-	-	\	
Frevali Mining Corp.	TV.TO	Nagle	Current	SP	\$0.25	\$0.45	0.70x NAV(50%); 2.0x EV/2021 CF (25%); 2.0x EV/2022 CF (25%)
			Previous	SP	\$0.25	\$0.44	Unchanged
			Change	-	-	↑	
Frilogy Metals Corp.	TMQ.TO	Nagle	Current	OP	\$4.25	\$4.97	0.75x NAV
. J	4		Previous	OP	\$4.00	\$4.66	Unchanged
							· ·

Source: NBF Estimates



In addition to revised commodity price assumptions, we made additional revisions to our estimates for the following companies:

Adventus Mining (ADZN: TSX.V, \$1.65 TP, OP) - we revised the equity issue price as part of our financing assumptions for the El Domo project to \$1.10/share (from \$1.00/share previously) - accounting for the change in NAV.

Capstone Mining (CS: TSX, \$5.65 TP, OP) - we incorporated the finalized gold stream sale and port agreement at Santo Domingo and also included the repurchase of KORES's 30% stake for staged payments of US\$120 mln (albeit, we continue to model Capstone at a 70% ownership level as we anticipate a partnership agreement announced sometime before mid-2021). We also now model initial production from Santo Domingo in H1/2024 (was H2/2025) - these changes accounted for ~70% of the change in NAV, with revised commodity price assumptions accounting for the remainder.

Copper Mountain Mining (CMMC: TSX, \$4.50 TP, OP) - we incorporated the US\$250 mln 8% Senior Secured Nordic Bond offering maturing in April 2026. We included the associated replacement of outstanding debt on the company's balance sheet with these Notes.

Filo Mining (FIL: TSX.V, \$4.50 TP, OP) - we revised the equity issue price as part of our financing assumptions for the Filo del Sol project to \$3.20/share (from \$2.00/share previously) - accounting for the change in NAV.

Hudbay Minerals (HBM: TSX, \$12.50 TP, SP) - we incorporated updated technical reports from both Constancia and Snow Lake - continuing to model Measured & Indicated resources being mined for Pampacancha at Constancia throughout Q2/21 to 2027 (unchanged) and accounting for 50% of incremental Inferred resources at Manitoba to account for future exploration success. The revisions account for 63% of the change in NAV, with commodity price assumptions accounting for the remainder. Our Base Case continues to exclude DCF valuations for Rosemont/Mason projects - with an *in-situ* valuation accounting for \$1.50 per share.

Nevada Copper (NCU: TSX, \$0.20 TP, SP) - tempered production assumptions throughout H1/21 given recent disclosure resulting in lower NAV, partially offset by increased commodity price assumptions.

Nexa Resources (NEXA: TSX, \$15.50 TP, SP) - accounted for lower production at Vazante and continued shutdown of the underground at Atacocha.

Taseko Mines (TKO: TSX, \$3.00 TP, SP) - incorporated the company's copper price protection strategy, via put options on 41 mln lbs of copper at a strike price of US\$3.75/lb (having no impact on our Base Case assumptions).

Teck Resources (TECK.B: TSX, \$30.00 TP, OP) - we accounted for slightly higher costs in Q1/21 in the coal division, included the \$60 mln settlement payment for the Fisheries Act in Q2/21 and given inefficiencies continued at Fort Hills, allowed for lower production/elevated costs throughout Q1/21 - these changes accounted for 70% of the reduction in NAV with commodity price assumptions (specifically lower coking coal assumptions in 2021 partially offset by higher copper prices) accounting for the remaining impact.

Trilogy Metals (TMQ: TSX, \$4.25 TP, OP) - we revised the equity issue price as part of our financing assumptions for the Arctic project to \$2.75/share (from \$2.50/share previously) - accounting for the change in NAV.



Figure 3: Revisions to 2021/2022 EBITDA, EPS & CFPS Estimates for Producers Compared with Consensus

Ticker	Analyst		EBITDA, US\$ mln		EPS,	US\$	CFPS	i, US\$
			2021	2022	2021	2022	2021	2022
CS.TO	Nagle	Current	\$376	\$414	\$0.52	\$0.57	\$0.78	\$0.78
	- ,	Previous	\$299	\$333	\$0.39	\$0.45	\$0.64	\$0.63
		Consensus	\$286	\$286	\$0.34	\$0.31	\$0.56	\$0.57
CMMC.TO	Nagle	Current	C\$247	C\$234	C\$0.66	C\$0.60	C\$1.22	C\$1.14
	•	Previous	C\$207	C\$193	C\$0.58	C\$0.52	C\$1.03	C\$0.89
		Consensus	C\$187	C\$155	C\$0.49	C\$0.31	C\$0.81	C\$0.59
ERO.TO	Nagle	Current	\$327	\$344	\$2.36	\$2.43	\$3.13	\$3.25
	,	Previous	\$283	\$303	\$1.96	\$2.05	\$2.73	\$2.87
		Consensus	\$270	\$246	\$1.79	\$1.54	\$2.54	\$2.39
FM.TO	Nagle	Current	\$3,883	\$4,780	\$1.64	\$2.93	\$4.69	\$5.91
	•	Previous	\$3,515	\$4,018	\$1.35	\$2.09	\$4.32	\$4.99
		Consensus	\$3,377	\$3,846	\$1.21	\$1.67	\$3.24	\$3.67
HBM.TO	Nagle	Current	\$566	\$864	\$0.30	\$0.92	\$2.04	\$2.74
		Previous	\$573	\$834	\$0.18	\$0.63	\$1.99	\$2.62
		Consensus	\$562	\$708	\$0.27	\$0.67	\$1.77	\$2.14
LUN.TO	Nagle	Current	\$1,804	\$2,009	\$1.16	\$1.47	\$2.17	\$2.32
	- ,	Previous	\$1,603	\$1,769	\$0.96	\$1.25	\$1.92	\$2.06
		Consensus	\$1,585	\$1,589	\$0.89	\$0.87	\$1.57	\$1.64
NCU.TO	Nagle	Current	\$34	\$103	\$0.01	\$0.04	\$0.02	\$0.05
		Previous	\$65	\$83	\$0.02	\$0.03	\$0.03	\$0.04
		Consensus	\$47	\$89	\$0.01	\$0.02	\$0.02	\$0.04
NEXA.TO	Nagle	Current	\$599	\$714	\$0.86	\$1.21	\$3.31	\$4.01
		Previous	\$607	\$696	\$0.90	\$1.15	\$3.37	\$3.96
		Consensus	\$526	\$522	\$1.64	\$2.08	\$2.28	\$1.95
S.TO	DeMarco	Current	C\$12	C\$21	C\$0.17	C\$0.16	C\$0.33	C\$0.32
	•	Previous	C\$8	C\$18	C\$0.02	C\$0.10	C\$0.18	C\$0.25
		Consensus	C\$92	C\$80	C\$0.10	C\$0.13	C\$0.14	C\$0.18
TKO.TO	Nagle	Current	C\$208	C\$212	C\$0.16	C\$0.16	C\$0.71	C\$0.70
	·	Previous	C\$154	C\$158	C\$0.05	C\$0.05	C\$0.54	C\$0.54
		Consensus	C\$148	C\$136	C\$0.03	C\$0.03	C\$0.44	C\$0.42
TECKb.TO	Nagle	Current	C\$3922	C\$4561	C\$2.70	C\$3.50	C\$5.91	C\$6.83
		Previous	C\$4391	C\$4376	C\$3.36	C\$3.27	C\$6.69	C\$6.52
		Consensus	C\$4215	C\$4509	C\$2.83	C\$2.90	C\$6.28	C\$6.64
TV.TO	Nagle	Current	\$128	\$135	\$0.06	\$0.06	\$0.12	\$0.11
		Previous	\$129	\$137	\$0.06	\$0.06	\$0.12	\$0.11
		Consensus	\$114	\$100	\$0.04	\$0.03	\$0.10	\$0.11

Source: NBF Estimates, Refinitiv



Revised Commodity Price Assumptions

We maintained our methodology of layering in spot commodity prices through to the end of 2022 before trending towards our fundamental long-term price assumptions from 2025 onwards. In addition to revised base metal prices, we also incorporated our updated precious metal/FX commodity price forecasts.

In line with our expectations, base metal prices have remained highly volatile in recent weeks, impacted by the ongoing distribution of COVID-19 vaccines, accommodative government policies/stimulus spending and the slow re-opening of the global economy. Although levels of speculative interest in the space have come down from February 2021 highs, levels still remain elevated on average compared to the last year.

There remains some uncertainty as to the extent countries can contain new waves of COVID variants in the near term until successful vaccines are rolled out. Given these circumstances, we expect fiscal and monetary support measures will be imperative to maintaining economic recovery in the near term. Fundamentally, copper prices are expected to be modestly supported by a small forecast deficit of 150 kt in 2021, followed by surpluses in 2022 and 2023 as copper end-use demand remains steady and supply ramps up in Latin America after disruptions from the last year followed by several larger-scale projects coming online.

Longer term, commodities like copper, nickel and cobalt will also benefit from increased battery demand for electric vehicles and energy storage, which offers further upside to our long-term price projections.

Figure 4: Revised Metal Price Assumptions

			Q1/21A	2021E	2022E	2023E	2024E	LT
Copper	(US\$/lb)	Current	\$3.86	\$4.00	\$4.00	\$3.50	\$3.50	\$3.15
		Previous	\$3.55	\$3.55	\$3.55	\$3.25	\$3.25	\$3.15
		Change	↑	1	1	↑	↑	-
Nickel	(US\$/lb)	Current	\$7.97	\$7.50	\$7.50	\$7.25	\$7.25	\$7.00
		Previous	\$7.50	\$7.50	\$7.50	\$7.25	\$7.25	\$7.00
		Change	1	-	-	-	-	-
Zinc	(US\$/lb)	Current	\$1.25	\$1.25	\$1.25	\$1.20	\$1.20	\$1.15
		Previous	\$1.25	\$1.25	\$1.25	\$1.20	\$1.20	\$1.15
		Change	-	-	-	-	-	-
Lead	(US\$/lb)	Current	\$0.91	\$0.90	\$0.90	\$0.90	\$0.90	\$0.90
		Previous	\$0.90	\$0.90	\$0.90	\$0.90	\$0.90	\$0.90
		Change	↑	-	-	-	-	-
Cobalt	(US\$/lb)	Current	\$20.98	\$23.00	\$23.00	\$21.00	\$21.00	\$20.00
		Previous	\$14.50	\$14.50	\$14.50	\$17.50	\$17.50	\$20.00
		Change	↑	↑	1	1	1	-
Molybdenum	(US\$/lb)	Current	\$11.32	\$11.25	\$11.25	\$9.00	\$9.00	\$7.50
		Previous	\$9.25	\$9.25	\$9.25	\$8.50	\$8.50	\$7.50
		Change	↑	↑	1	↑	1	-
Hard Coking Coal	(US\$/t)	Current	\$122.00	\$120.00	\$145.00	\$140.00	\$140.00	\$135.00
		Previous	\$145.00	\$145.00	\$145.00	\$140.00	\$140.00	\$135.00
		Change	\downarrow	\downarrow	-	-	-	-

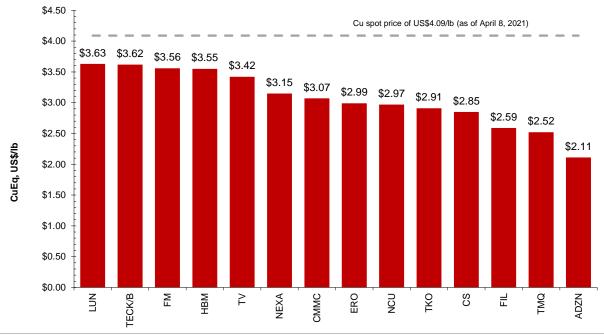
Source: NBF Estimates, Refinitiv, Bloomberg



What are Stocks Pricing In?

We highlight our base metal coverage is currently implying a copper price of US\$3.03/lb (relatively unchanged from our previous analysis on March 7, 2021 and compared to an implied price of US\$2.81/lb at the beginning of the year), while copper prices have rallied from US\$3.60/lb to north of US\$4.00/lb over the same period.

Figure 5: Implied Copper Price (at 1.0x NAV)

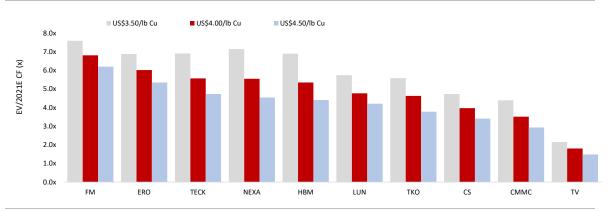


Sources: NBF Estimates

Sensitivity of Valuations to Copper Price Assumptions

Given recent volatility, we provide a detailed look at EV/CF sensitivities at various copper prices (US\$3.50/lb, US\$4.00/lb and US\$4.50/lb).

Figure 6: EV/2021E CF Sensitivity Analysis at Various Copper Prices

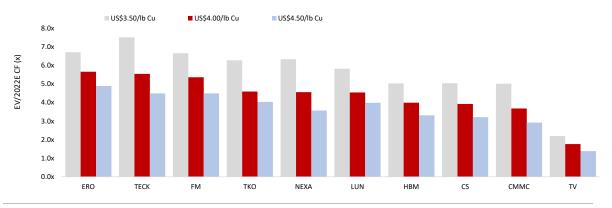


Source: NBF Estimates

CuEq values based off of spot commodity prices as of April 8, 2021 – US\$4.09/lb Cu, US\$7.63/lb Ni, US\$1.30/lb Zn, US\$138.50/t HCC & US\$1,746/oz Au



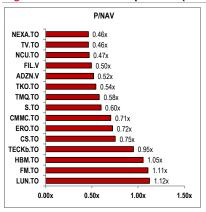
Figure 7: EV/2022E CF Sensitivity Analysis at Various Copper Prices

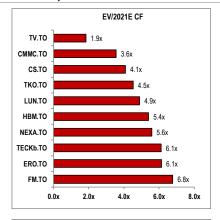


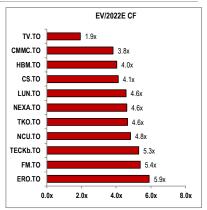
Source: NBF Estimates

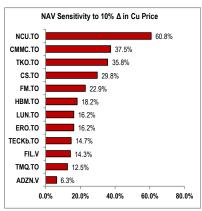
CuEq values based off of spot commodity prices as of April 8, 2021 – US\$4.09/lb Cu, US\$7.63/lb Ni, US\$1.30/lb Zn, US\$138.50/t HCC & US\$1,746/oz Au

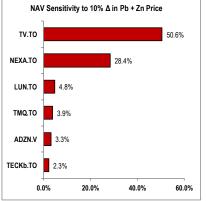
Figure 8: Base Metal Comparables (NBF Base Case)

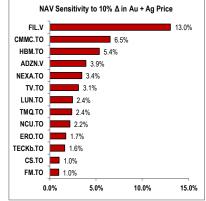










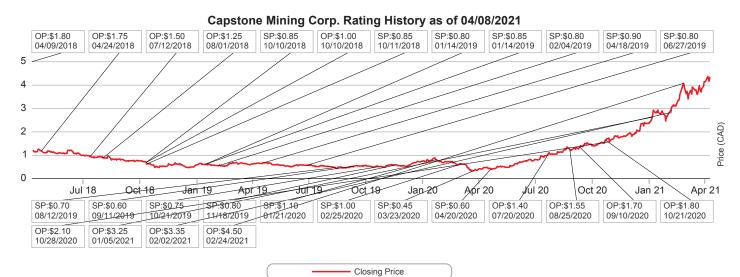


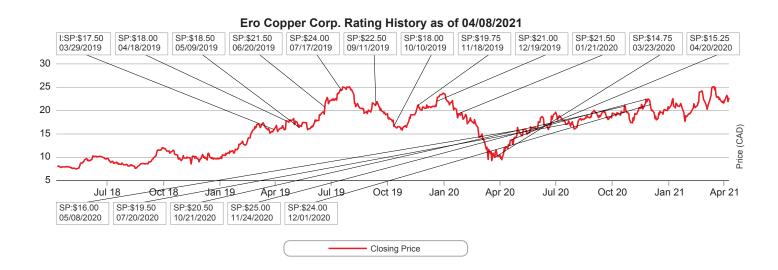
Source: NBF Estimates, Refinitiv



Disclosures

PRICE, RATING AND TARGET HISTORY: OP = Outperform, SP = Sector Perform, UP = Underperform, UR = Under Review, R = Restricted; (Source: Factset, NBF)



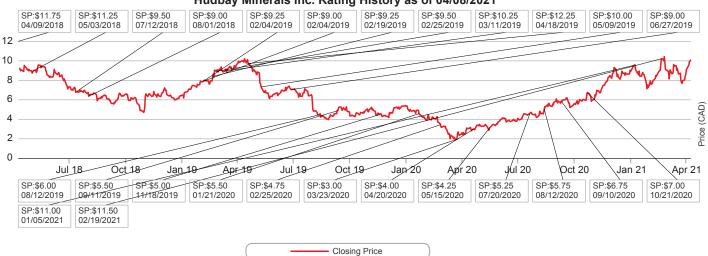








Hudbay Minerals Inc. Rating History as of 04/08/2021



Nexa Resources S.A. Rating History as of 04/08/2021



OP:\$36.50



OP:\$45.00

OP:\$46.00





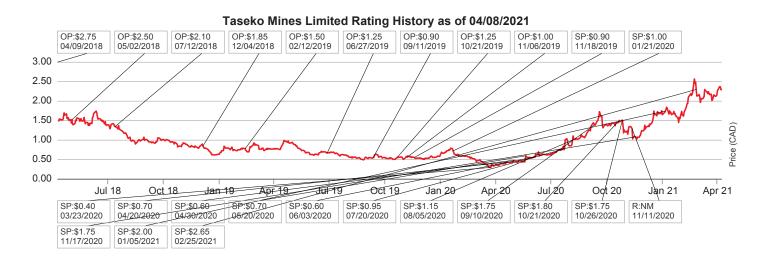
Trevali Mining Corporation Rating History as of 04/08/2021



Copper Mountain Mining Corporation Rating History as of 04/08/2021





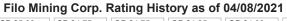


Closing Price











Adventus Mining Corporation Rating History as of 04/08/2021











RISKS:

CS

Development Risk: Capstone's ability to successfully complete expansion opportunities at Cozamin and development of Santo Domingo are subject to many risks and uncertainties including the completion of feasibility studies, obtaining/maintaining permits from local governments and obtaining adequate financing.

Commodity Risk: Capstone's valuation is primarily levered to long-term copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.

ERO

Exploration/Development Risk: Ero Copper's ability to successfully complete development work and deliver exploration success sufficient to warrant future expansion opportunities at its MSCA complex and NX Gold properties is subject to many risks and uncertainties, including upgrading mineral resources, updating the mine plan and obtaining adequate financing (if necessary).

Commodity Risk: Ero Copper's valuation is primarily levered to long-term copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.

Variable Costs: Ero Copper is exposed to fluctuations in input costs, such as labour, fuel, consumables and power. Any increases in these variables could negatively impact operating and capital costs on both the company's operating and development projects.

FΜ

Commodity Risk: First Quantum's valuation is primarily exposed to fluctuations in copper prices. These prices are impacted by several external factors outside of the company's control, including interest rates, inflation and supply/demand fundamentals.

Development risk: First Quantum's ability to successfully complete its current expansion and development initiatives are subject to many risks and uncertainties.

Geopolitical: First Quantum's portfolio includes several operations in Zambia, including Kansanshi, Sentinel and Enterprise, where the government has recently increased taxes and implemented policies that could adversely affect the profitability of the projects.

HBM

Commodity Risk: Hudbay's valuation is primarily levered to long-term metal prices especially copper, zinc and gold. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.

Variable costs: Hudbay does not hedge input costs, such as labour, fuel, consumable and power. Any increases in these variables could negatively impact operating and capital costs on both the company's operating and development projects.

Development risk: Hudbay relies on developing additional projects to maintain production growth. The ability to successfully complete a project is subject to many risks and uncertainties including the completion of feasibility studies, mineral resource conversion, labour disputes and obtaining adequate financing.

NEXA

Commodity Risk: Nexa's valuation is primarily levered to long-term zinc and copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.



Currency/Inflation Risk: Nexa's operations are located in geographies that can be subject to volatile inflationary pressure, particularly in Brazil, which could potentially interfere with domestic demand for products, and add additional pressure on abilities to access capital markets. With several development projects ongoing, cost inflation could have a potentially material negative impact. Additionally, a certain portion of Nexa's production costs are derived in BRL and PEN, and despite the company employing a fiscal policy of hedges limited to 80% of costs incurred in Reals, there remains the risk of considerable exchange fluctuations.

TECK.B / TECK

Commodity Risk: Teck is a diversified resource company and depends on sales of primarily coal, copper, zinc and oil to generate its earnings. As such, Teck's valuation remains indirectly exposed to the pace of growth in China (the world's largest copper importer) and global steel production (the primary use of metallurgical coal). Teck generally does not hedge its future production, leaving the company exposed to price volatility.

Development Risk: Teck's ability to successfully complete its expansion and development objectives is subject to many risks and uncertainties, including the completion of feasibility studies, upgrading mineral resources and grade estimates and labour disputes.

ΤV

Commodity: Trevali's valuation is primarily levered to zinc prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand market fundamentals.

Exploration/Development Risk: Trevali's ability to successfully deliver exploration success sufficient to warrant future expansion opportunities at all four producing mines and development work at the Bathurst Mining Camp are subject to many risks and uncertainties, including the completion of feasibility studies, upgrading mineral resources and grade estimates, and obtaining adequate financing (if necessary).

CMMC

Development Risk: A portion of CMMC's valuation is derived from the New Ingerbelle and Eva Copper Projects, for which a go-forward decision remains pending. Following a potential go-forward decision, risks related to development will remain as the project gets built out and ramped up.

Financing & Liquidity Risk: CMMC has elevated debt outstanding (credit facility, various subordinated/term loans) and ability to repay debt is dependent on the company's ability to generate FCF. CMMC's cash flows are subject to fluctuations in copper prices and other relevant commodities (fuel).

Speculative Risk: We ascribe a Speculative risk rating given the company's status as a single-asset company, where several de-risking initiatives including further exploration success, permitting, funding and development milestones are to be achieved prior to achieving their growth initiatives. Their growth initiatives require additional funding given current project-level debt commitments at their Copper Mountain mine as well as completion of detailed engineering/amendments to existing permits.

TKO / TGB

Development Risk: A portion of TKO's valuation is tied to the Florence PTF, which employs a non-conventional method to mine copper and is currently in the testing phase.

Reserve Depletion: As with many mining companies, TKO relies on brownfield and greenfield exploration to increase reserves and sustain production levels.

Financing & Liquidity Risk: TKO is levered and the ability to pay the outstanding debt is subject to repayment risk from the company's ability to generate FCF. TKO's cash flows are subject to fluctuations in copper prices (unhedged) and other relevant commodities (fuel).

Speculative Risk: We ascribe a Speculative risk rating given the company's growth initiatives at Florence and Yellowhead require several de-risking initiatives including further exploration success, permitting, funding and development milestones prior to being achieved.

s

Political Risk: A significant portion of Sherritt's valuation is driven by operations in Cuba, where political risks remain heightened.

Financing & Liquidity Risk: S is levered and the ability to pay outstanding debt is subject to repayment risk from the company's ability to generate FCF. Cuban government receivables remain outstanding.

Commodity Prices: Sherritt's cash flows are subject to fluctuations in copper and nickel prices, and other relevant commodities (oil, gas, fuel).

LUN

Commodity Risk: Lundin's valuation is primarily levered to long-term copper, zinc and nickel prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.

Currency Risk: Two of Lundin's operations are currently based in Europe where revenue is generated by commodity prices (primarily in U.S. dollars) with costs largely incurred in Euros and Swedish Krona. Additionally, the company's primary operation, Candelaria is located in Chile, exposing the company to earnings volatility from fluctuations in exchange rates.

Development risk: Lundin's ability to successfully complete expansion objectives across each of its operations is subject to uncertainties regarding the completion of optimization initiatives, obtaining/maintaining permits from local governments, successful resource conversion, and securing required financing.

FIL



Commodity Risk: Filo's valuation is primarily levered to copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand market fundamentals.

Exploration/Development Risk: Filo's ability to deliver exploration success sufficient to warrant future development opportunities at Filo del Sol are subject to many risks, including the completion of viable feasibility studies, upgrading mineral resources, managing potential labour disruptions, receiving the proper permitting and obtaining adequate financing.

Variable Costs: Filo is exposed to fluctuations in input costs, such as labour, fuel, consumables and power. Any increases in these variables could negatively impact operating and capital costs on the company's development projects.

ADZN

Exploration/Development Risk: Adventus' ability to deliver exploration success sufficient to warrant future development opportunities at Curipamba, Pijili and Santiago are subject to many risks, including the completion of viable feasibility studies, upgrading mineral resources, managing potential labour disruptions, receiving the proper permitting and obtaining adequate financing.

Commodity Risk: Adventus' valuation is primarily levered to copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand market fundamentals.

Variable Costs: Adventus is exposed to fluctuations in input costs, such as labour, fuel, consumable and power. Any increases in these variables could negatively impact operating and capital costs on the company's development projects.

TMQ

Exploration/Development Risk: Trilogy's ability to deliver exploration success sufficient to warrant future development opportunities at Arctic and Bornite are subject to many risks, including the completion of viable feasibility studies, upgrading mineral resources, managing potential labour disruptions, receiving the proper permitting and obtaining adequate financing.

Commodity Risk: Trilogy's valuation is primarily levered to copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand market fundamentals.

Variable Costs: Trilogy is exposed to fluctuations in input costs, such as labour, fuel, consumables and power. Any increases in these variables could negatively impact operating and capital costs on the company's development projects.

NCU

Exploration/Development Risk: Nevada Copper's ability to successfully complete development work and deliver exploration success sufficient to warrant future expansion opportunities at Pumpkin Hollow is subject to many risks and uncertainties, including the completion of viable feasibility studies, upgrading mineral resources, and obtaining adequate financing to complete construction and further support the open pit project.

Commodity Risk: Nevada Copper's valuation is primarily levered to long-term copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand fundamentals.

Variable Costs: Nevada Copper is exposed to fluctuations in input costs, such as labour, fuel, consumables and power. Any increase in these variables could negatively impact operating and capital costs on both the company's operating and development projects.

JOSE

Exploration/Development Risk: Josemaria's ability to deliver exploration success sufficient to warrant future development opportunities at Josemaria are subject to many risks, including the completion of viable feasibility studies, upgrading mineral resources, managing potential labour disruptions, receiving the proper permitting and obtaining adequate financing.

Commodity Risk: Josemaria's valuation is primarily levered to copper prices. Commodity prices are impacted by several external factors out of the company's control, including interest rates, inflation and supply/demand market fundamentals.

Variable Costs: Josemaria is exposed to fluctuations in input costs, such as labour, fuel, consumables and power. Any increases in these variables could negatively impact operating and capital costs on the company's development project.

ADDITIONAL COMPANY RELATED DISCLOSURES

Taseko Mines Limited 2, 3, 4, 5, 7
Teck Resources Limited 2, 3, 4, 5, 7, 9
Adventus Mining Corporation
Capstone Mining Corp. 6, 7
Copper Mountain Mining Corporation 2, 3, 4, 5, 7
Ero Copper Corp. 10
Filo Mining Corp. 2, 3, 4, 5, 7
First Quantum Minerals Ltd. 2, 3, 4, 5, 7, 9
Hudbay Minerals Inc. 2, 3, 4, 5, 7
Josemaria Resources Inc.
Lundin Mining Corporation
Nevada Copper Corp. 2, 3, 4, 5, 6, 7
Nexa Resources S.A.



Sherritt International Corporation 2, 3, 5, 7 Taseko Mines Limited 2, 3, 4, 5, 7 Teck Resources Limited 2, 3, 4, 5, 7, 9 Trevali Mining Corporation 2, 3, 4, 5, 7 Trilogy Metals Inc.

LEGEND FOR COMPANY RELATED DISCLOSURES:

- 2 National Bank Financial Inc. has acted as an underwriter with respect to this issuer within the past 12 months.
- 3 National Bank Financial Inc. has provided investment banking services for this issuer within the past 12 months.
- 4 National Bank Financial Inc. or an affiliate has managed or co-managed a public offering of securities with respect to this issuer within the past 12 months.
- 5 National Bank Financial Inc. or an affiliate has received compensation for investment banking services from this issuer within the past 12 months.
- 6 National Bank Financial Inc. or an affiliate has a non-investment banking services related relationship during the past 12 months.
- 7 The issuer is a client, or was a client, of National Bank Financial Inc. or an affiliate within the past 12 months.
- 8 National Bank Financial Inc. or its affiliates expects to receive or intends to seek compensation for investment banking services from this issuer in the next 3 months.
- 9 As of the end of the month immediately preceding the date of publication of this research report (or the end of the second most recent month if the publication date is less than 10 calendar days after the end of the most recent month), National Bank Financial Inc. or an affiliate beneficially own 1% or more of any class of common equity securities of this issuer.
- 10 National Bank Financial Inc. makes a market in the securities of this issuer, at the time of this report publication.
- 11 A partner, director, officer or research analyst involved in the preparation of this report has, during the preceding 12 months provided services to this issuer for remuneration other than normal course investment advisory or trade execution services.
- 12 A research analyst, associate or any other person (or a member of their household) directly involved in preparing this report has a financial interestin the securities of this issuer.
- 13 A partner, director, officer, employee or agent of National Bank Financial Inc., is an officer, director, employee of, or serves in any advisory capacity to the issuer.
- 14 A member of the Board of Directors of National Bank Financial Inc. is also a member of the Board of Directors or is an officer of this issuer.
- 15 A redacted draft version of this report has been shown to the issuer for fact checking purposes and changes may have been made to the report before publication.

RATING DISTRIBUTION			
	Outperform	Sector Perform	Underperform
Coverage Universe Ratings Distribution	63%	34%	1%
Investment Banking Distribution	71%	56%	66%

DISCLOSURES

Ratings And What They Mean: PRIMARY STOCK RATING: NBF has a three-tiered rating system that is relative to the coverage universe of the particular analyst. Here is a brief description of each: Outperform (OP) – The stock is expected to outperform the analyst's coverage universe over the next 12 months; Sector Perform (SP) – The stock is projected to perform in line with the sector over the next 12 months; Underperform (UP) – The stock is expected to underperform the sector over the next 12 months. SECONDARY STOCK RATING: Under Review (UR) – Our analyst has withdrawn the rating because of insufficient information and is awaiting more information and/or clarification; Tender (T) – Our analyst is recommending that investors tender to a specific offering for the company's stock; Restricted (R) – Because of ongoing investment banking transactions or because of other circumstances, NBF policy and/or laws or regulations preclude our analyst from rating a company's stock. INDUSTRY RATING: NBF has an Industry Weighting system that reflects the view of our Economics & Strategy Group, using its sector rotation strategy. The three-tiered system rates industries as Overweight, Market Weight and Underweight, depending on the sector's projected performance against broader market averages over the next 12 months. RISK RATING: As of June 30, 2020, National Bank Financial discontinued its Below Average, Average and Above Average risk ratings. We continue to use the Speculative risk rating which reflects higher financial and/or operational risk.

GENERAL: This Report was prepared by National Bank Financial Inc. (NBF), a Canadian investment dealer, a dealer member of IIROC and an indirect wholly owned subsidiary of National Bank of Canada. National Bank of Canada is a public company listed on the Toronto Stock Exchange.

The particulars contained herein were obtained from sources which we believe to be reliable but are not guaranteed by us and may be incomplete and may be subject to change without notice. The information is current as of the date of this document. Neither the author nor NBF assumes any obligation to update the information or advise on further developments relating to the topics or securities discussed. The opinions expressed are based upon the author(s) analysis and interpretation of these particulars and are not to be construed as a solicitation or offer to buy or sell the securities mentioned herein, and nothing in this Report constitutes a representation that any investment strategy or recommendation contained herein is suitable or appropriate to a recipient's individual circumstances. In all cases, investors should conduct their own investigation and analysis of such information before taking or omitting to take any action in relation to securities or markets that are analyzed in this Report. The Report alone is not intended to form the basis for an investment decision, or to replace any due diligence or analytical work required by you in making an investment decision.

This Report is for distribution only under such circumstances as may be permitted by applicable law. This Report is not directed at you if NBF or any affiliate distributing this Report is prohibited or restricted by any legislation or regulation in any jurisdiction from making it available to you.

National Bank of Canada Financial Markets is a trade name used by National Bank Financial Inc. and National Bank of Canada Financial Inc.

RESEARCH ANALYSTS: The Research Analyst(s) who prepared these reports certify that their respective report accurately reflects his or her personal opinion and that no part of his/her compensation was, is, or will be directly or indirectly related to the specific recommendations or views as to the securities or companies.

NBF compensates its Research Analysts from a variety of sources. The Research Department is a cost centre and is funded by the business activities of NBF including Institutional Equity Sales and Trading, Retail Sales, the correspondent clearing business, and Corporate and Investment Banking. Since the revenues from these businesses vary, the funds for research compensation vary. No one business line has a greater influence than any other for Research Analyst compensation.



CANADIAN RESIDENTS: NBF or its affiliates may engage in any trading strategies described herein for their own account or on a discretionary basis on behalf of certain clients and, as market conditions change, may amend or change investment strategy including full and complete divestment. The trading interests of NBF and its affiliates may also be contrary to any opinions expressed in this Report.

NBF or its affiliates often act as financial advisor, agent, lender or underwriter or provides trading related services for certain issuers mentioned herein and may receive remuneration for its services. As well, NBF and its affiliates and/or their officers, directors, representatives, associates, may have a position in the securities mentioned herein and may make purchases and/or sales of these securities from time to time in the open market or otherwise. NBF and its affiliates may make a market in securities mentioned in this Report. This Report may not be independent of the proprietary interests of NBF and its affiliates.

NBF is a member of the Canadian Investor Protection Fund.

UK RESIDENTS: This Report is a marketing document. This Report has not been prepared in accordance with EU legal requirements designed to promote the independence of investment research and it is not subject to any prohibition on dealing ahead of the dissemination of investment research.

In respect of the distribution of this Report to UK residents, NBF has approved the contents (including, where necessary, for the purposes of Section 21(1) of the Financial Services and Markets Act 2000). This Report is for information purposes only and does not constitute a personal recommendation, or investment, legal or tax advice.

NBF makes no representation as to the proper characterization of the investments for legal, regulatory or tax purposes, or as to the ability of a particular investor to invest or transact in the investments under applicable legal restrictions.

If securities are offered by an issuer in a foreign jurisdiction, or the security is structured through a foreign special-purpose-vehicle, or you purchase securities that are issued by foreign issuers, your investment and continued holding of securities may be subject to the laws and regulations of more than one jurisdiction. There may be differences in legal and regulatory regimes across different jurisdictions which may significantly impact the legal and regulatory risks affecting the investment sector and / or investment.

NBF and/or its parent and/or any companies within or affiliates of the National Bank of Canada group and/or any of their directors, officers and employees may have or may have had interests or long or short positions in, and may at any time make purchases and/or sales as principal or agent, or may act or may have acted as market maker in the relevant investments or related investments discussed in this Report, or may act or have acted as investment and/or commercial banker with respect hereto. The value of investments, and the income derived from them, can go down as well as up and you may not get back the amount invested. Past performance is not a guide to future performance. If an investment is denominated in a foreign currency, rates of exchange may have an adverse effect on the value of the investment. Investments which are illiquid may be difficult to sell or realise; it may also be difficult to obtain reliable information about their value or the extent of the risks to which they are exposed. Certain transactions, including those involving futures, swaps, and other derivatives, give rise to substantial risk and are not suitable for all investors. The investments contained in this Report are not available to retail customers and this Report is not for distribution to retail clients (within the meaning of the rules of the Financial Conduct Authority). Persons who are retail clients should not act or rely upon the information in this Report. This Report does not constitute or form part of any offer for sale or subscription of or solicitation of any offer to buy or subscribe for the securities described herein nor shall it or any part of it form the basis of or be relied on in connection with any contract or commitment whatsoever.

This information is only for distribution to Eligible Counterparties and Professional Clients in the United Kingdom within the meaning of the rules of the Financial Conduct Authority. NBF is authorized and regulated by the Financial Conduct Authority and has its registered office at 71 Fenchurch Street, London, EC3M 4HD.

NBF is not authorized by the Prudential Regulation Authority and the Financial Conduct Authority to accept deposits in the United Kingdom.

U.S. RESIDENTS: With respect to the distribution of this report in the United States of America, National Bank of Canada Financial Inc. ("NBCFI") is registered with the Securities Exchange Commission (SEC), the Financial Industry Regulatory Authority (FINRA), and is a member of the Securities Investor Protection Corporation (SIPC). NBCFI operates pursuant to a 15 a-6 Agreement with its Canadian affiliates, NBF and National Bank of Canada.

This report has been prepared in whole or in part by research analysts employed by non-US affiliates of NBCFI that are not registered as broker/dealers in the US. These non-US research analysts are not registered as associated persons of NBCFI and are not licensed or qualified as research analysts with FINRA or any other US regulatory authority and, accordingly, may not be subject (among other things) to FINRA restrictions regarding communications by a research analyst with the subject company, public appearances by research analysts and trading securities held in a research analyst account.

All of the views expressed in this research report accurately reflects the research analyst's personal views regarding any and all of the subject securities or issuers. No part of the analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this research report. The analyst responsible for the production of this report certifies that the views expressed herein reflect his or her accurate personal and technical judgment at the moment of publication.

Because the views of analysts may differ, members of the National Bank Financial Group may have or may in the future issue reports that are inconsistent with this report, or that reach conclusions different from those in this report. To make further inquiry related to this report, United States residents should contact their NBCFI registered representative.

HK RESIDENTS: With respect to the distribution of this report in Hong Kong by NBC Financial Markets Asia Limited ("NBCFMA") which is licensed by the Securities and Futures Commission ("SFC") to conduct Type 1 (dealing in securities) and Type 3 (leveraged foreign exchange trading) regulated activities, the contents of this report are solely for informational purposes. It has not been approved by, reviewed by, reviewed by, verified by or filed with any regulator in Hong Kong. Nothing herein is a recommendation, advice, offer or solicitation to buy or sell a product or service, nor an official confirmation of any transaction. None of the products issuers, NBCFMA or its affiliates or other persons or entities named herein are obliged to notify you of changes to any information and none of the foregoing assume any loss suffered by you in reliance of such information.

The content of this report may contain information about investment products which are not authorized by SFC for offering to the public in Hong Kong and such information will only be available to those persons who are Professional Investors (as defined in the Securities and Futures Ordinance of Hong Kong ("SFO")). If you are in any doubt as to your status you should consult a financial adviser or contact us. This material is not meant to be marketing materials and is not intended for public distribution. Please note that neither this material nor the product referred to is authorized for sale by SFC. Please refer to product prospectus for full details.

There may be conflicts of interest relating to NBCFMA or its affiliates' businesses. These activities and interests include potential multiple advisory, transactional and financial and other interests in securities and instruments that may be purchased or sold by NBCFMA or its affiliates, or in other investment vehicles which are managed by NBCFMA or its affiliates that may purchase or sell such securities and instruments



No other entity within the National Bank of Canada group, including National Bank of Canada and National Bank Financial Inc., is licensed or registered with the SFC. Accordingly, such entities and their employees are not permitted and do not intend to: (i) carry on a business in any regulated activity in Hong Kong; (ii) hold themselves out as carrying on a business in any regulated activity in Hong Kong; or (iii) actively market their services to the Hong Kong public.

COPYRIGHT: This Report may not be reproduced in whole or in part, or further distributed or published or referred to in any manner whatsoever, nor may the information, opinions or conclusions contained in it be referred to without in each case the prior express written consent of NBF.

DISSEMINATION POLICY: The NBF Research Dissemination Policy is available on our website under Legal/Research Policy (link attached) http://www.nbin.ca/cmst/site/index.jhtml? navid=712&templateid=243