CORPORATE PRESENTATION

DECEMBER 2022

Franco Nevada

FNV: TSX | NYSE



CAUTIONARY STATEMENT

Forward Looking Statements

This presentation contains "forward looking information" and "forward looking statements" within the meaning of applicable Canadian securities laws and the United States Private Securities Litigation Reform Act of 1995, respectively, which may include, but are not limited to, statements with respect to future events or future performance, management's expectations regarding Franco-Nevada's growth, results of operations, estimated future revenues, performance guidance, carrying value of assets, future dividends and requirements for additional capital, mineral reserve and mineral resource estimates, production estimates, production costs and revenue, future demand for and prices of commodities, expected mining sequences, business prospects and opportunities, the performance and plans of third party operators, audits being conducted by the Canada Revenue Agency ("CRA"), the expected exposure for current and future assessments and available remedies, the remedies relating to and consequences of the ruling of the Supreme Court of Panama in relation to the Cobre Panama project. In addition, statements (including data in tables) relating to reserves and resources including reserves and resources covered by a royalty, stream or other interest, gold equivalent ounces ("GEOs") or mine lives are forward looking statements, as they involve implied assessment, based on certain estimates and assumptions, and no assurance can be given that the estimates and assumptions are accurate and that such reserves and resources, mine lives and GEOs will be realized. Such forward looking statements reflect management's current beliefs and are based on information currently available to management. Often, but not always, forward looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budgets", "potential for", "scheduled", "estimates", "forecasts", "predicts", "projects", "intends", "targets", "aims", "anticipates" or "believes" or variations (including negative variations) of such words and phrases or may be identified by statements to the effect that certain actions "may", "could", "should", "would", "might" or "will" be taken, occur or be achieved. Forward looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of Franco-Nevada to be materially different from any future results, performance or achievements expressed or implied by the forward looking statements. A number of factors could cause actual events or results to differ materially from any forward looking statement, including, without limitation: fluctuations in the prices of the primary commodities that drive royalty and stream revenue (gold, platinum group metals, copper, nickel, uranium, silver, iron-ore and oil and gas); fluctuations in the value of the Canadian and Australian dollar, Mexican peso and any other currency in which revenue is generated, relative to the U.S. dollar; changes in national and local government legislation, including permitting and licensing regimes and taxation policies and the enforcement thereof; the adoption of a global minimum tax on corporations; regulatory, political or economic developments in any of the countries where properties in which Franco-Nevada holds a royalty, stream or other interest are located or through which they are held; risks related to the operators of the properties in which Franco-Nevada holds a royalty, stream or other interest, including changes in the ownership and control of such operators; relinquishment or sale of mineral properties; influence of macroeconomic developments; business opportunities that become available to, or are pursued by Franco-Nevada; reduced access to debt and equity capital; litigation; title, permit or license disputes related to interests on any of the properties in which Franco-Nevada holds a royalty, stream or other interest; whether or not Franco-Nevada is determined to have "passive foreign investment company" ("PFIC") status as defined in Section 1297 of the United States Internal Revenue Code of 1986, as amended; potential changes in Canadian tax treatment of offshore streams; excessive cost escalation as well as development, permitting, infrastructure, operating or technical difficulties on any of the properties in which Franco-Nevada holds a royalty, stream or other interest; access to sufficient pipeline capacity; actual mineral content may differ from the reserves and resources contained in technical reports; rate and timing of production differences from resource estimates, other technical reports and mine plans; risks and hazards associated with the business of development and mining on any of the properties in which Franco-Nevada holds a royalty, stream or other interest, including, but not limited to unusual or unexpected geological and metallurgical conditions, slope failures or cave-ins, flooding and other natural disasters, terrorism, civil unrest or an outbreak of contagious disease; the impact of the COVID-19 (coronavirus) pandemic; and the integration of acquired assets. The forward looking statements contained in this presentation are based upon assumptions management believes to be reasonable, including, without limitation: the ongoing operation of the properties in which Franco-Nevada holds a royalty, stream or other interest by the owners or operators of such properties in a manner consistent with past practice; the accuracy of public statements and disclosures made by the owners or operators of such underlying properties; no material adverse change in the market price of the commodities that underlie the asset portfolio; Franco-Nevada's ongoing income and assets relating to determination of its PFIC status; no material changes to existing tax treatment; the expected application of tax laws and regulations by taxation authorities; the expected assessment and outcome of any audit by any taxation authority; no adverse development in respect of any significant property in which Franco-Nevada holds a royalty, stream or other interest; the accuracy of publicly disclosed expectations for the development of underlying properties that are not yet in production; integration of acquired assets; and the absence of any other factors that could cause actions, events or results to differ from those anticipated, estimated or intended. However, there can be no assurance that forward looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Investors are cautioned that forward looking statements are not guarantees of future performance. In addition, there can be no assurance as to the outcome of the ongoing audit by the CRA or the Company's exposure as a result thereof. Franco-Nevada cannot assure investors that actual results will be consistent with these forward looking statements. Accordingly, investors should not place undue reliance on forward looking statements due to the inherent uncertainty therein.

For additional information with respect to risks, uncertainties and assumptions, please refer to Franco-Nevada's most recent Annual Information Form filed with the Canadian securities regulatory authorities on www.sedar.com and Franco-Nevada's most recent Annual Report filed on Form 40-F filed with the SEC on www.sec.gov. The forward-looking statements herein are made as of the date herein only and Franco-Nevada does not assume any obligation to update or revise them to reflect new information, estimates or opinions, future events or results or otherwise, except as required by applicable law.

Non-GAAP Measures

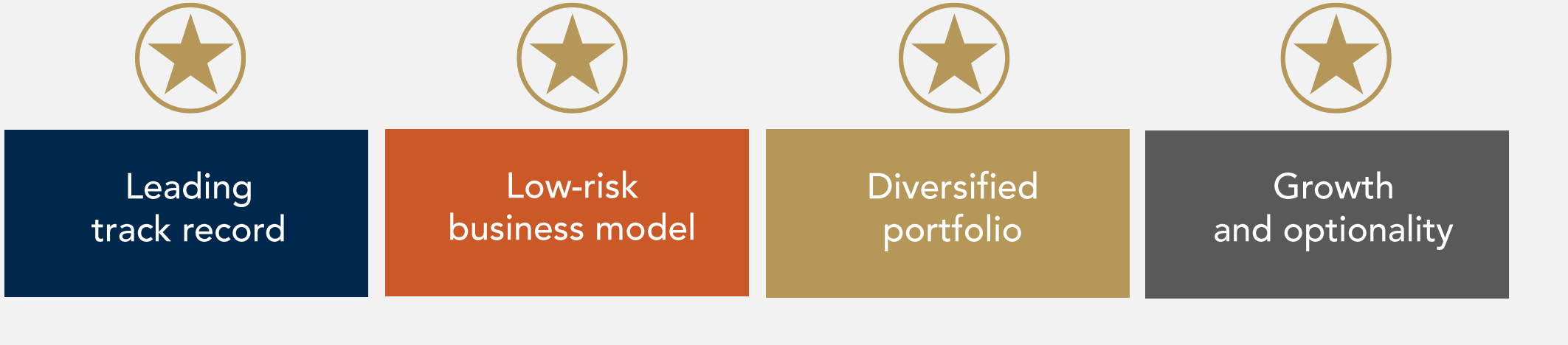
Cash Costs, Cash Costs per GEO sold, Adjusted Net Income, Adjusted Net Income per Share, Adjusted Net Income Margin, Adjusted EBITDA, Adjusted EBITDA per Share, and Adjusted EBITDA Margin are non-GAAP financial measures with no standardized meaning under International Financial Reporting Standards ("IFRS") and might not be comparable to similar financial measures disclosed by other issuers. For a quantitative reconciliation of each non-GAAP financial measure to the most directly comparable IFRS financial measure, refer to the appendix at the end of this presentation. Further information relating to these Non-GAAP financial measures is incorporated by reference from the "Non-GAAP Financial Measures" section of Franco-Nevada's MD&A for the three and nine months ended September 30, 2022 and filed on November 7, 2022 with the Canadian securities regulatory authorities on SEDAR available at www.sedar.com and with the U.S. Securities and Exchange Commission available on EDGAR at www.sec.gov.

Gold and Gold Equivalent Ounces

Starting in Q4 2021, revenue from Franco-Nevada's Energy assets is included in the calculation of GEOs. GEOs for comparative periods have been recalculated to conform with the current presentation. For further details, please refer to the appendix at the end of this presentation on GEOs and Non-GAAP Measures.

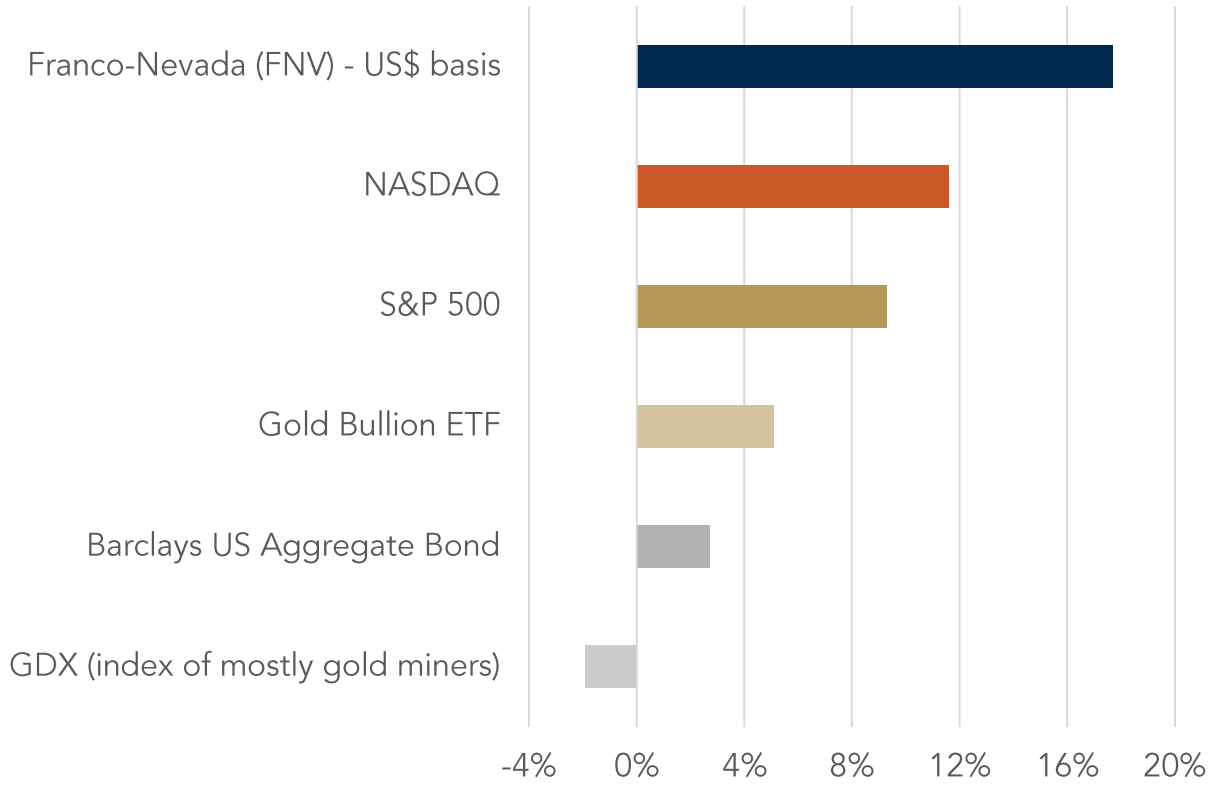
This presentation does not constitute an offer to sell or a solicitation for an offer to purchase any security in any jurisdiction.

Franco-Nevada is the leading gold-focused royalty and streaming company with the largest and most diversified portfolio of cash flow producing assets.



Leading Track Record

(CAGR Since FNV Inception[1, 2, 3])



A lower-risk gold investment to hedge against market volatility

NYSE and TSX listed

Large holders include:

- BlackRock
- Fidelity
- MFS

1. FNV Inception – December 20, 2007
2. Compounded annual total returns to November 30, 2022
3. Source: TD Securities; Bloomberg

Royalty and stream financing that provides long-term alignment and financial flexibility.

Lundin Mining:
Candelaria Acquisition



Detour Lake:
A Partnership Success Story



Industry-Leading Operators

FIRST QUANTUM MINERALS LTD.
Teck
GLENCORE
lundin mining
BARRICK
Newmont
AGNICO EAGLE
we are one Sibanye Stillwater
VALE
Continental RESOURCES

Our ESG Focus

- Responsible Capital Allocation
- Community Contributions
- Good Governance & Shareholder Alignment
- Fostering Diversity and Inclusion
- Transparent ESG Disclosure

Top ESG Rankings

SUSTAINALYTICS a Morningstar company ESG INDUSTRY TOP RATED 2022

SUSTAINALYTICS a Morningstar company ESG REGIONAL TOP RATED 2022

MSCI ESG RATINGS AA

CCC | B | BB | BBB | A | AA | AAA

Corporate ESG Performance Prime

RATED BY ISS ESG

BEST 50 2022 CANADA'S BEST CORPORATE CITIZENS

For additional details, please see pages 36-37 of this presentation and our most recent ESG Report

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Business Model
ANTAPACCAY

BUSINESS MODEL ADVANTAGES

Optionality

Potential for exploration success on approximately 65,700 km^2

Focus on Growth

Management not occupied with operational decisions

Free Cash-Flow Business

Not exposed to capital calls

Limited Cost Inflation

Streams/NSRs not exposed to cost inflation

High Margins & Low Overhead

Strong cash generation throughout the commodity cycle

Diversified Portfolio

Non-operating business is more scalable

Partnership Approach

Alignment with partners for a win-win solution

Support leading operators through long-term partnership

Technical team with strong track record identifying successful projects

M&A Financing

Teranga Gold Corporation
Klondex Mines Ltd
lundin mining

Project Financing

Coeur Mining
First Quantum Minerals Ltd.
truegold
Mining Ventures
Argonaut Gold

Debt Reduction

Southern Peaks Mining
Teck
Glencore

Emerging Projects

Skeena Resources
SolGold
Ring of Fire Metals
Marathon Gold

Shareholder Alignment

Committed to high share ownership and low G&A – treating shareholder funds as our own

Financial Flexibility

Avoiding long-term debt and paying progressive and sustainable dividends ensures capital availability at all times

Cyclical Investing

Board and management have a patient approach to investing in cyclical markets

Asset Selection

Strong technical skills and a focus on exploration optionality and good tenure drive successful asset selection



Asset Portfolio

COBRE PANAMA



416 Assets

Covering Approximately 65,700 km²

Our Portfolio

416
TOTAL

	Precious Metals	Diversified
113 PRODUCING	■	■
44 ADVANCED	▼	▼

259
EXPLORATION

Not all assets shown on map including exploration assets
Asset count as of December 1, 2022

CORE PRECIOUS METAL STREAMS OUTPERFORMING

Antamina
$610M investment

2021 revenue: $94M
Mine life potential[1]: 30+ years
Payback[2]: 71%
Silver production has exceeded expectations[3]

Antapaccay
$500M investment

2021 revenue: $112M
Mine life potential[1]: 30+ years
Payback[2]: 109%
Coroccohuayco deposit to extend mine life



Cobre Panama
$1.36B investment

2021 revenue: $235M
Mine life potential[1]: 35+ years
Payback[2]: 36%
Expanding to 100 Mtpa in 2023[4]

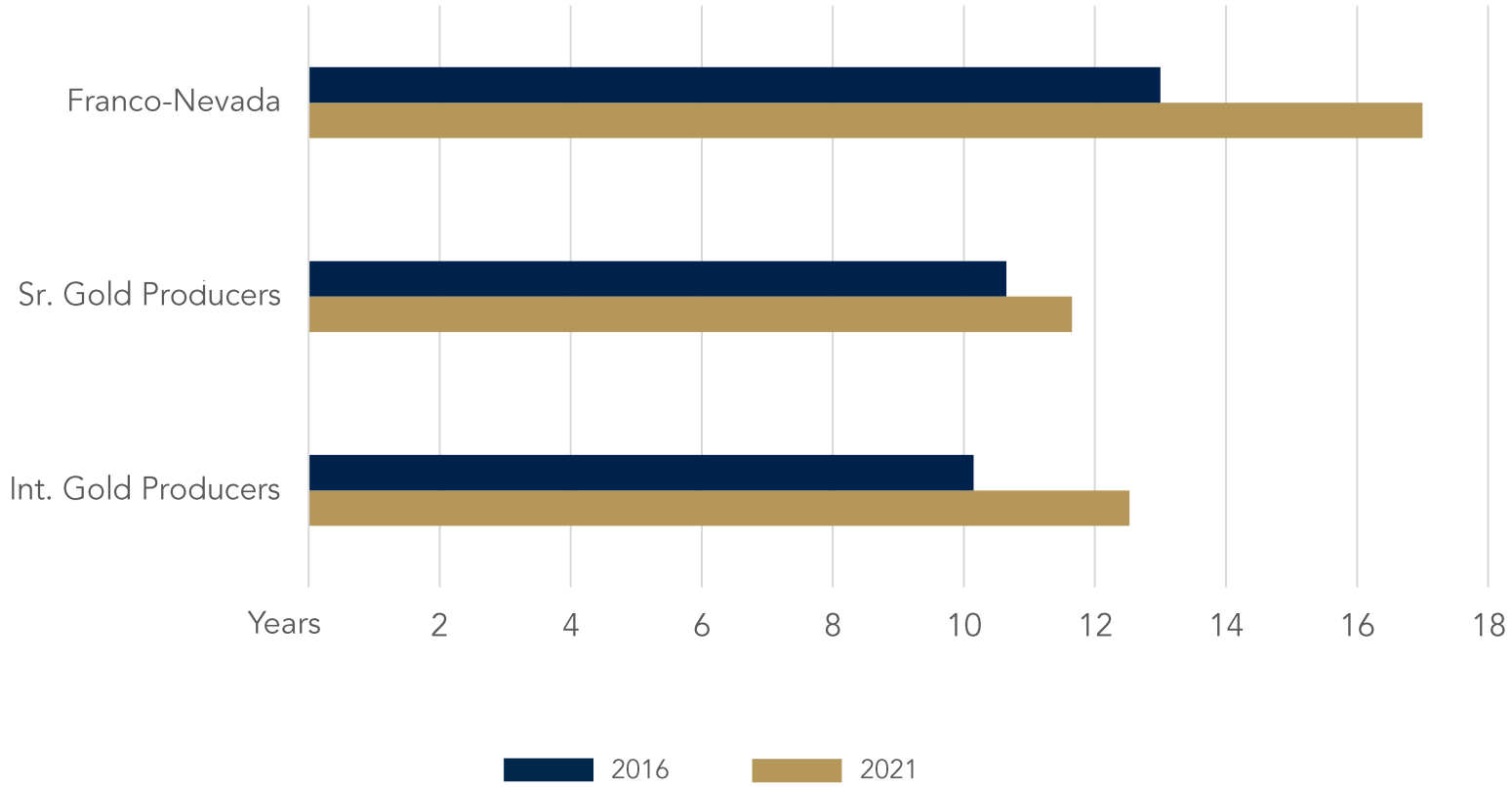
Candelaria
$655M investment

2021 revenue: $117M
Mine life potential[1]: 25+ years
Payback[2]: 90%
UG exploration success has expanded mine life[5]

1. Mine life potential includes Franco-Nevada assessment of resource conversion potential. Also assumes current or operator-forecasted production rates. Antamina potential assumes additional tailings capacity is permitted. Antapaccay potential assumes open pit only scenario for Coroccohuayco project developed with a later start date
2. As at September 30, 2022
3. Based on FNV sales from inception of stream through Q3 2022 vs. acquisition guidance
4. Design throughput was originally 58 Mtpa
5. Mine life was 14 years in Technical Report dated July 28, 2014

Growing reserves and reserve lives

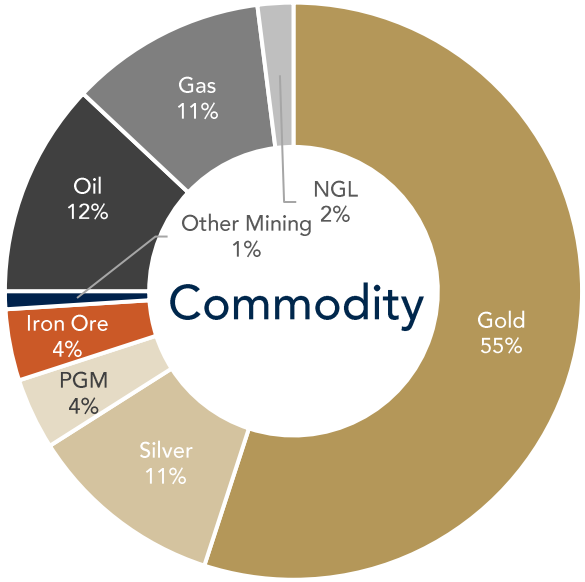
Long-duration portfolio increases optionality



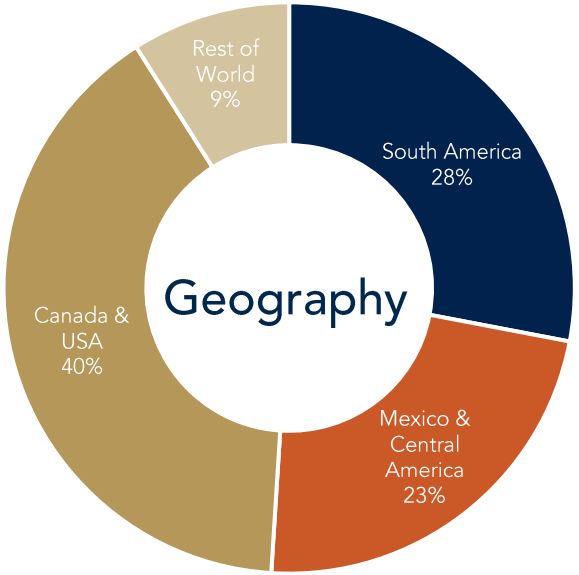
Source: Bank of America/Merrill Lynch (May 2022)
Seniors: Agnico Eagle, Barrick, Kinross and Newmont.
Intermediates: Alamos Gold, IAMGOLD, New Gold and Yamana.

Diversified with Low Risk

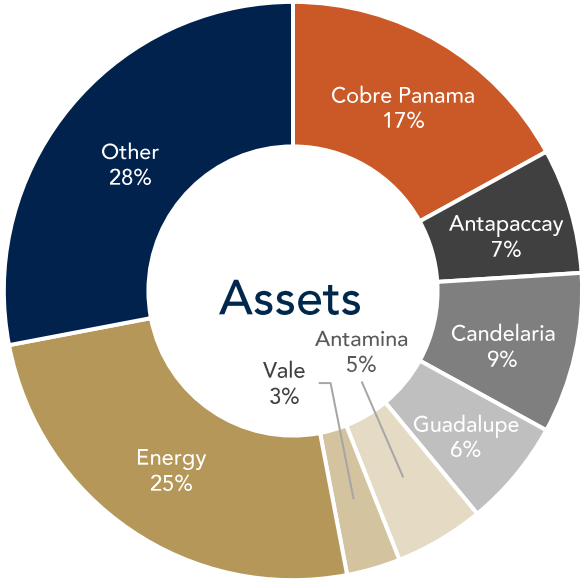
(YTD 2022 Revenue)



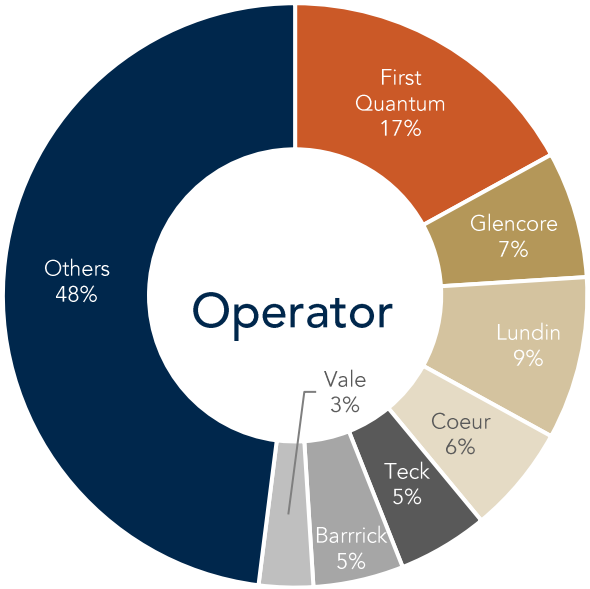
70% from Precious Metals



91% from Americas



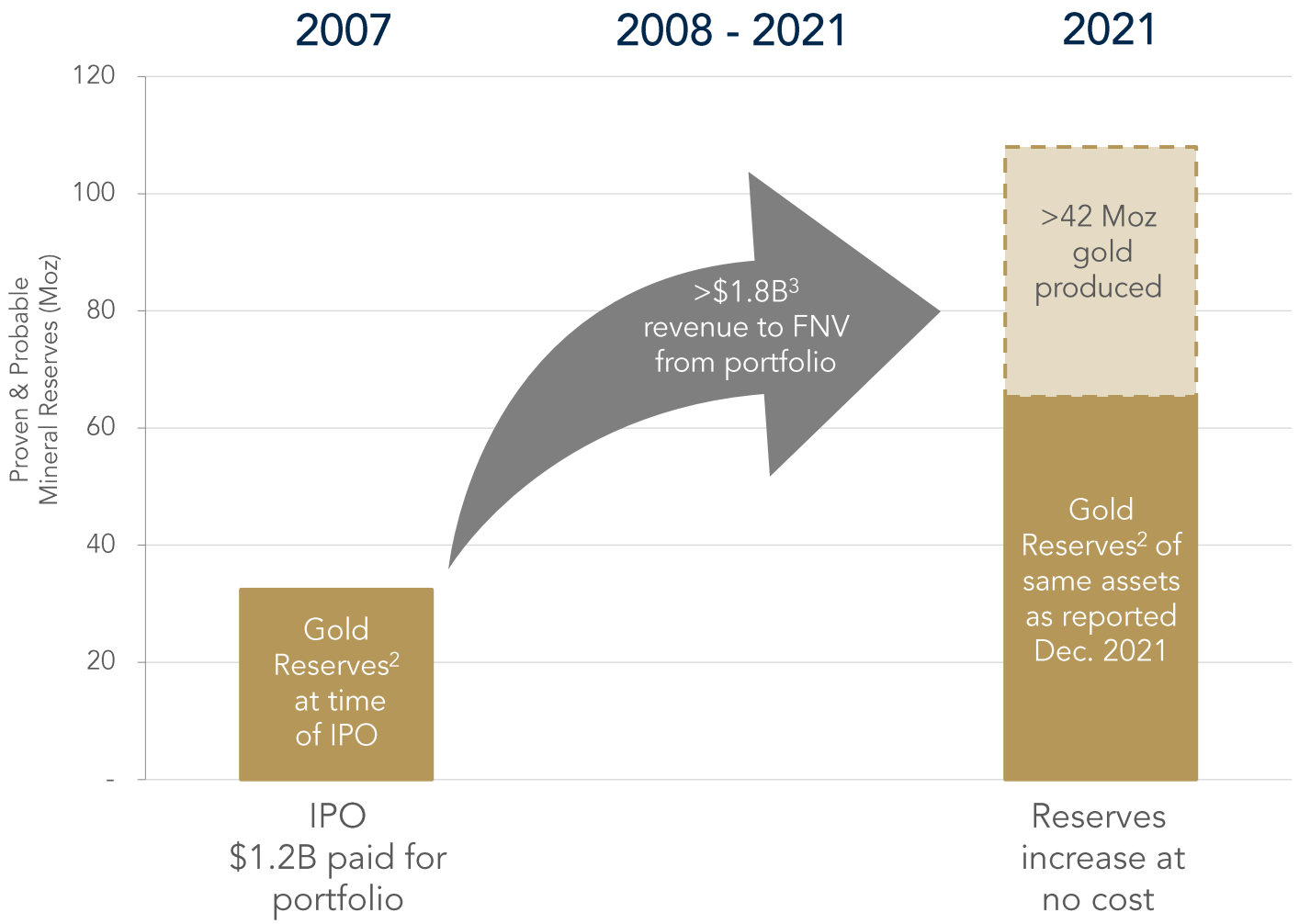
Asset Diversification



Operator Diversification

1. YTD 2022 Revenue as at September 30, 2022

ROYALTY OPTIONALITY

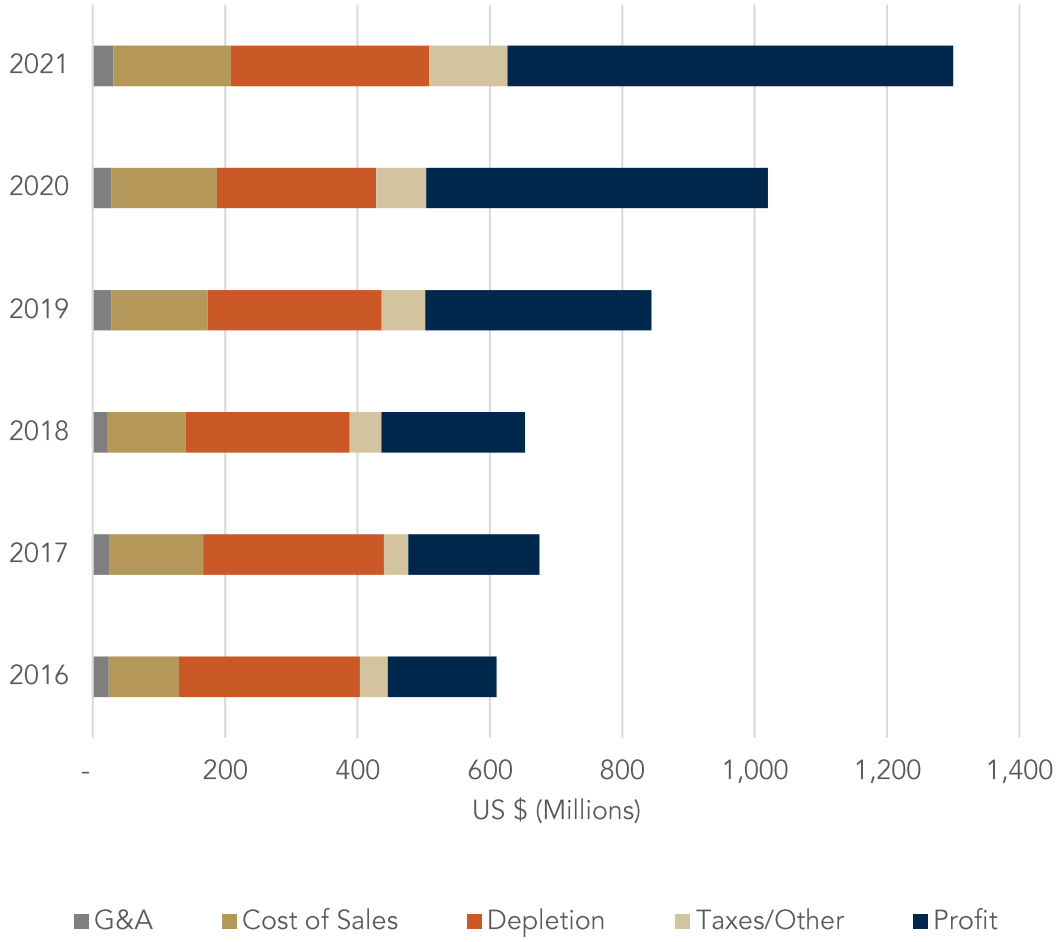


>3x increase[1]

1. Calculation includes depletion
2. Total gold reserves associated with the top 37 assets at the time of IPO (not adjusted for FNV royalty ownership). All Mineral Reserves have been calculated in accordance with CIM or acceptable foreign codes for the purposes of NI 43-101, including S-K 1300, SEC Industry Guide 7, JORC, or SAMREC guidelines
3. Revenue from original FNV portfolio includes gold, platinum and palladium revenue

INCREASING PROFITABILITY

Adjusted EBITDA Margin[1] of 84.8% and Adjusted Net Income Margin[1] of 53.5% YTD 2022



1. Please see notes on appendix slides – GEOs and Non-GAAP Measures
2. YTD margins as at September 30, 2022



Portfolio Addition

MAGINO

MAGINO 2% NSR TRANSACTION HIGHLIGHTS

US$52.5M 2% royalty acquisition, plus US$10M equity private placement

Project under construction 70% complete as of September 30, providing near-term GEO growth in 2023

Long lived project with large resource (4 Moz Au M&I resource and 0.5 Moz Au inferred resource)

Upside potential underground and regionally

Construction stage funded

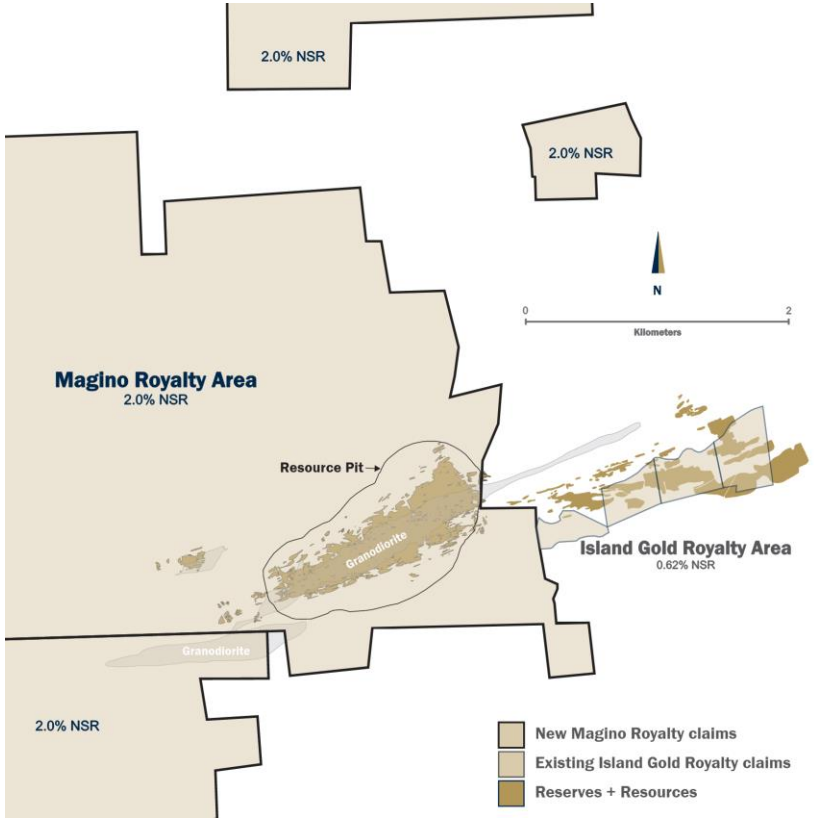
Project Summary[1]

Plant Capacity (tpd)	10,000
Development Capex	C$920M
Avg. LOM Strip Ratio (waste : ore)	4.8:1
Total Gold Production (Over 19 yr mine life)	2.2 Moz
Avg. Annual Au Production (First 5 Years / LOM)	142 koz / 117 koz
Avg LOM Head Grade	1.15 g/t
Avg LOM Recovery	91.8%
AISC	$963/oz
% Construction Complete	70%
First Production	Q2 2023

Project Location

(Ontario, Canada)

Royalty covers Magino, plus regional claims on strike with favorable geology / supplements Franco-Nevada's existing royalty on Island Gold



1. Summary per Argonaut Gold's February 2022 Magino Feasibility Study and updated as applicable in press release / presentations. Please see Argonaut Gold website for full details. Measured and Indicated: 132.4 Mt at 0.94 g/t Au and Inferred: 20.9 Mt at 0.78 g/t Au.



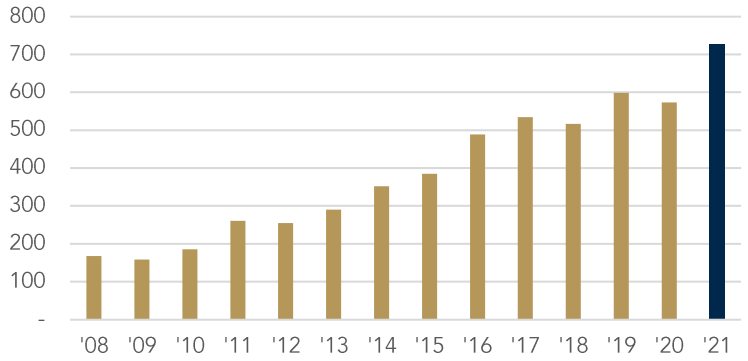
Track Record

CANDELARIA

TRACK RECORD

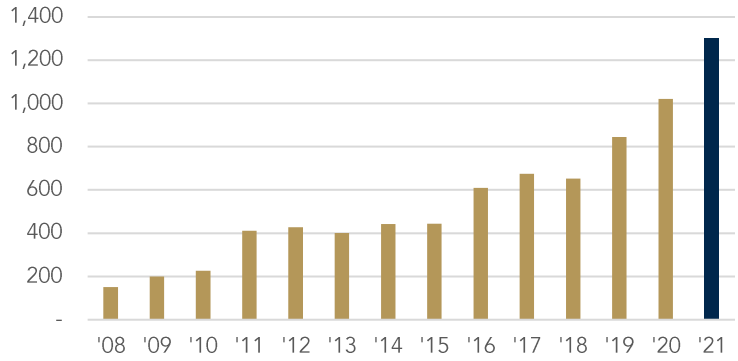
GEOs[1]

(000's)



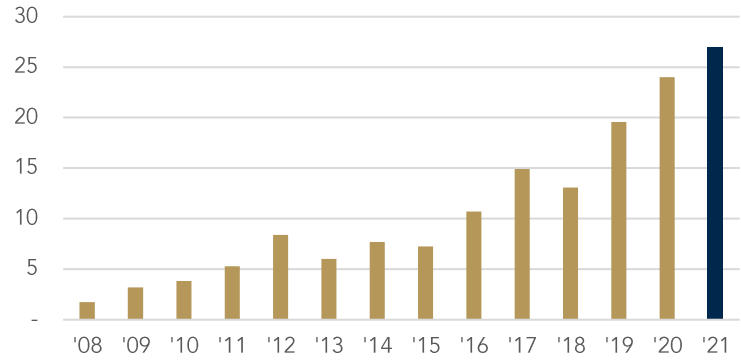
Revenue

(US$ Millions)



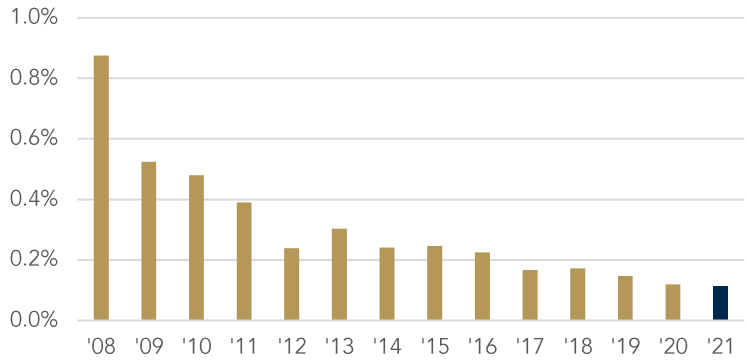
Market Capitalization[2]

(US$ Billions)



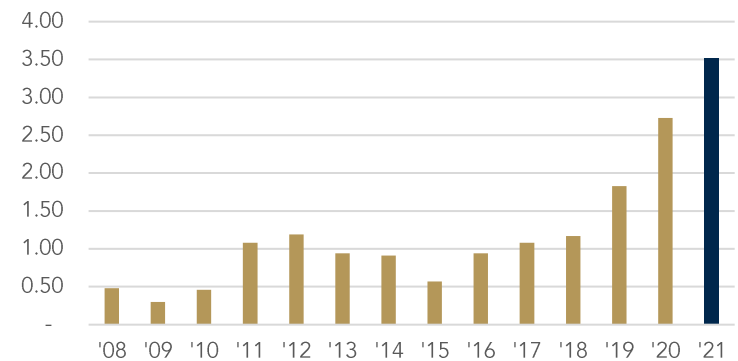
G&A

(% of Capitalization)



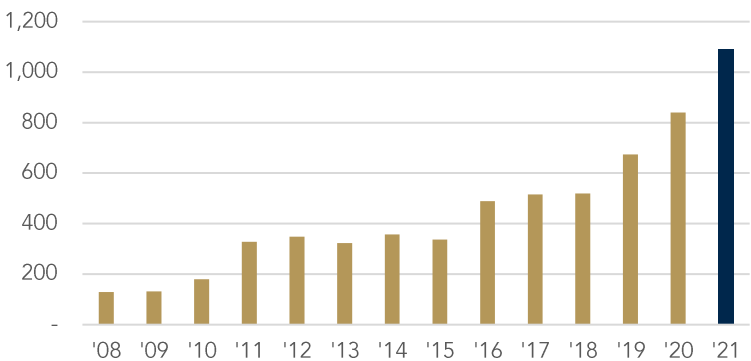
Adjusted Net Income per Share[3]

(US$ per Share)



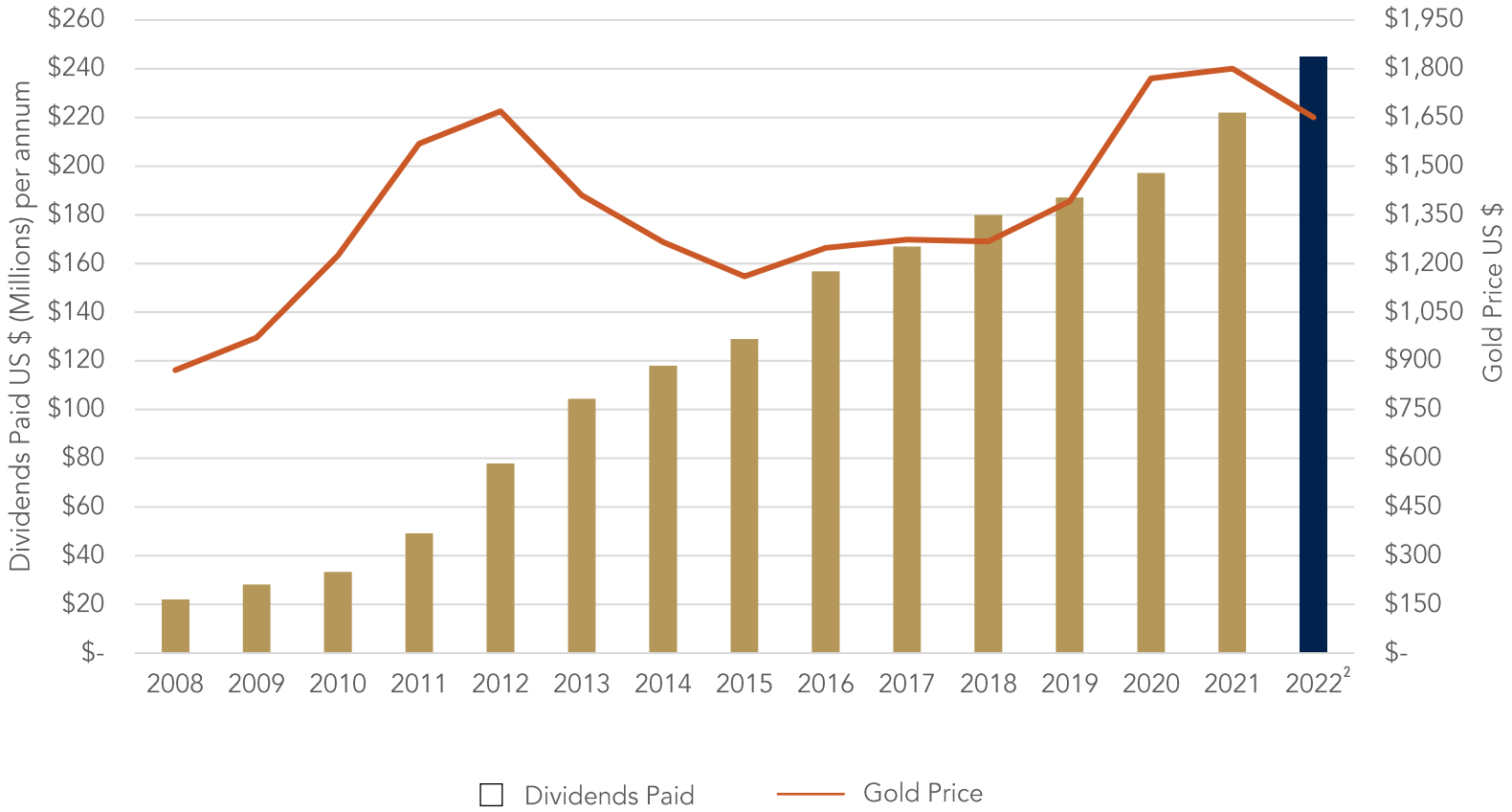
Adjusted EBITDA[3]

(US$ Millions)



1. Starting in Q4 2021, revenue from Franco-Nevada's Energy assets are included in the calculation of GEOs. GEOs for comparative periods have been recalculated to conform with the current presentation. For further details, please refer to the appendix at the end of this presentation on GEOs and Non-GAAP Measures
2. Market Capitalization as of December 31 of each year
3. Please refer to the appendix at the end of this presentation on GEOs and Non-GAAP Measures

PROGRESSIVE & SUSTAINABLE DIVIDENDS



US$0.32/share

(Quarterly dividend starting Q1/22)

15th annual dividend increase

>$1.85B paid since IPO[1]

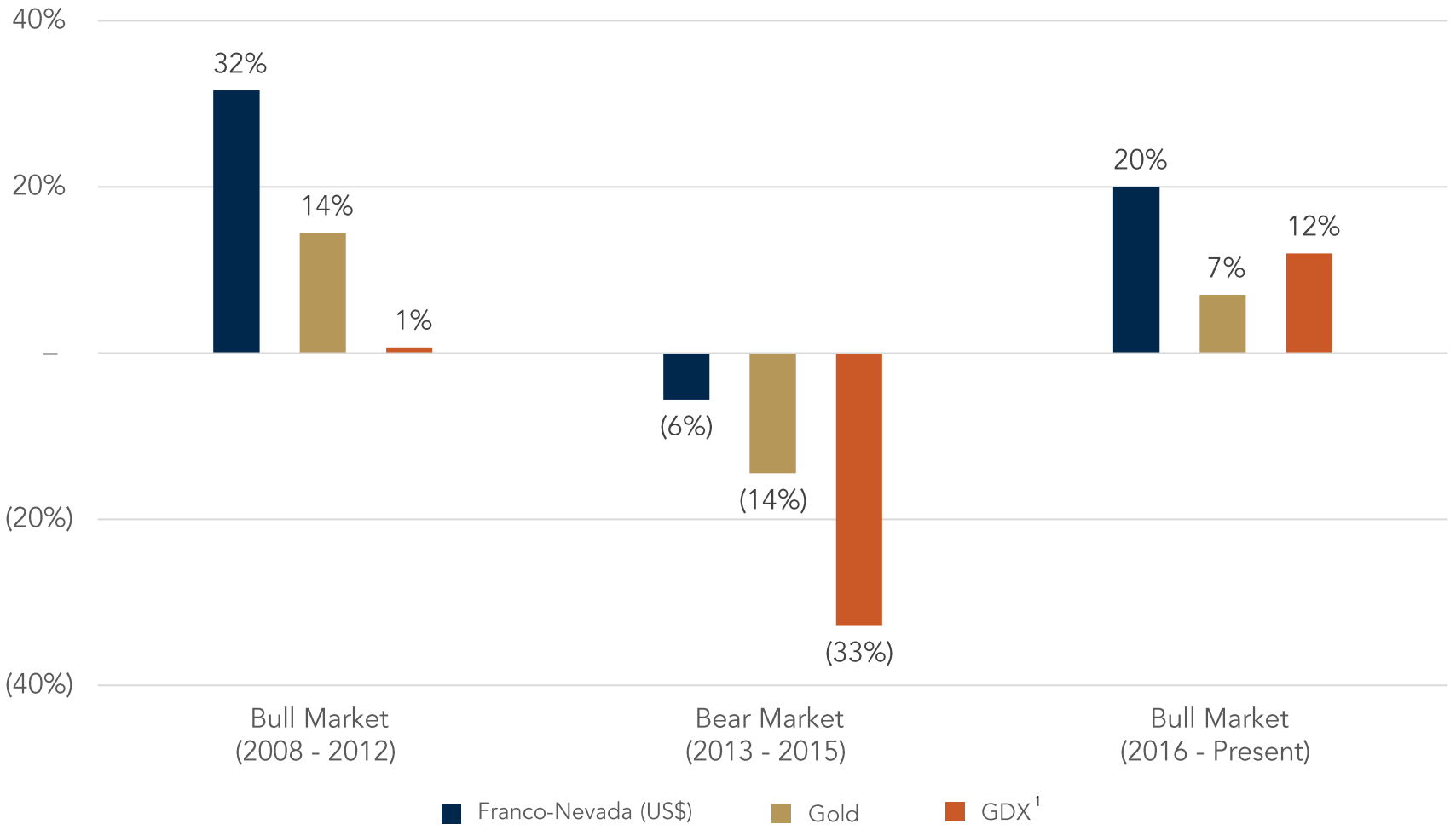
Indicative 2022 dividends of $245M[2]

IPO investors now realizing
8.4% yield (U.S.)[3]
10.9% yield (CDN)[3]

1. Includes DRIP
2. Assumes current quarterly dividend of $0.32 per share and current share count are maintained throughout 2022
3. As at September 30, 2022

Gold Price for 2022 of $1,650 as used in guidance published on November 7, 2022

OUTPERFORMING BULL & BEAR MARKETS



1. GDX is a Gold Equity index comprised mostly of gold operating companies
2. Source: TD Securities; Bloomberg
3. All returns are as of November 30, 2022
4. Total returns are CAGRs and assume reinvestment of dividends over designated period


Growth Outlook
ANTAMINA

GUIDANCE

Total GEOs

2021 Actual	2022 Guidance[1]	2026 Outlook[2]
728,237	680,000-740,000	765,000-825,000
+ Record GEOs in 2021 + Energy revenue guidance exceeded + Vale royalty acquisition + Highest dividend payout from LIORC	- Assumes $1,650/oz Au, $19/oz Ag, $900/oz Pt, $2,200/oz Pd - Assumes $100/t Fe 62% CFR China + Assumes $80/bbl WTI oil and $5.00/mcf Henry Hub natural gas	+ Growth from Precious Metal assets + Vale royalty attributable production increase

Precious Metal GEOs

2021 Actual	2022 Guidance[1]	2026 Outlook[2]
558,397	510,000-550,000	570,000-610,000
+ Cobre Panama + Antamina, Guadalupe + Condestable Acquisition - Hemlo	+ Tasiast - Antamina, Antapaccay, Guadalupe	+ Cobre Panama expansion completed + New acquisition - Tocantinzinho + New mines – Salares Norte, Greenstone (Hardrock), Valentine Gold, Eskay Creek + Sudbury still producing - MWS – cap met in 2024

Funding Commitments

Up to $92 million Continental Royalty Acquisition Venture funding of which $10-20M expected in FY 2022

Depletion

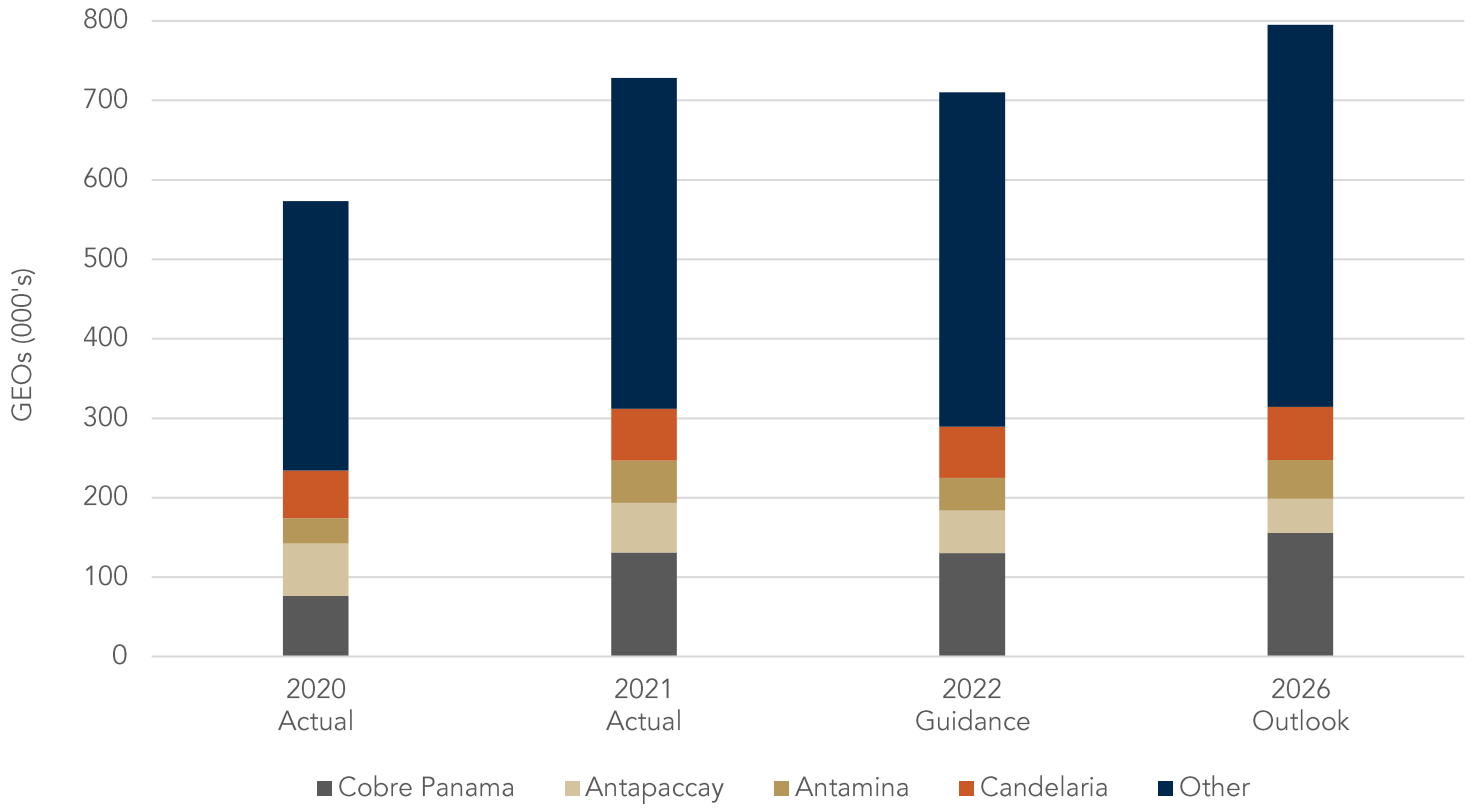
Estimate $270-$300 million

1. Prices used in the 2022 Guidance updated on November 7, 2022
2. 2026 Outlook as initially published on March 9, 2022 assuming the following prices: $1,800/oz Au, $23/oz Ag, $1,000/oz Pt, $2,100/oz Pd, $125/tonne Fe 62% CFR China, $85/bbl WTI oil and $3.75/mcf Henry Hub natural gas

Cobre Panama ramp-up driving growth

GEO Growth Profile

(Including Energy)



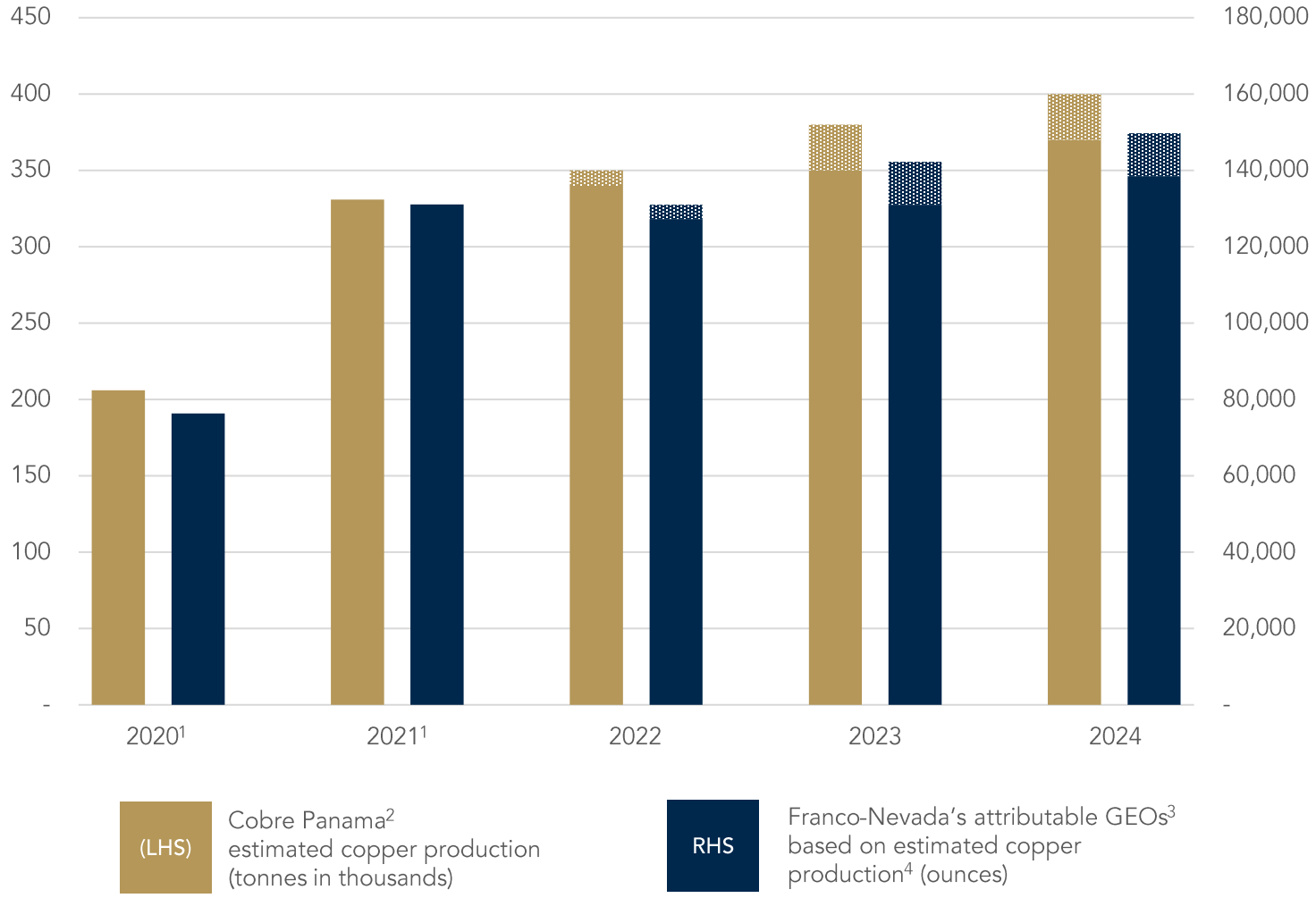
GEOs for the years 2020 and 2021 represent actuals. GEOs for the years 2022 and 2026 represent midpoint of guidance issued on March 9, 2022

Mill throughput expected to ramp-up over the course of 2022 to achieve between 85 and 90 Mtpa

CP100 Expansion project on track to achieve 100Mtpa by the end of 2023

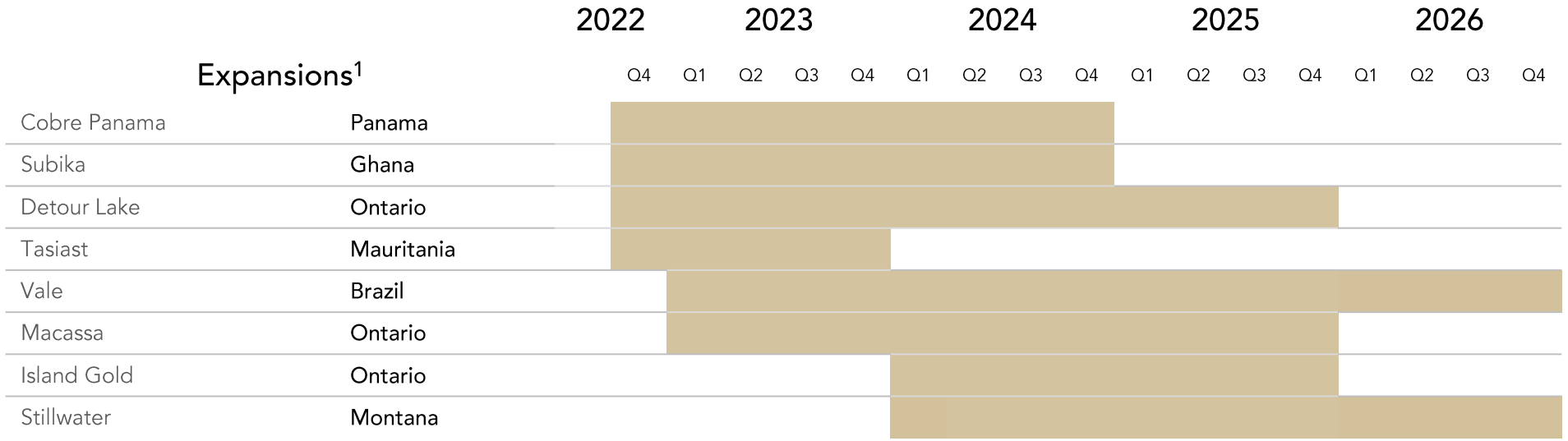
FNV 2022 guidance of 120,000-140,000 GEOs

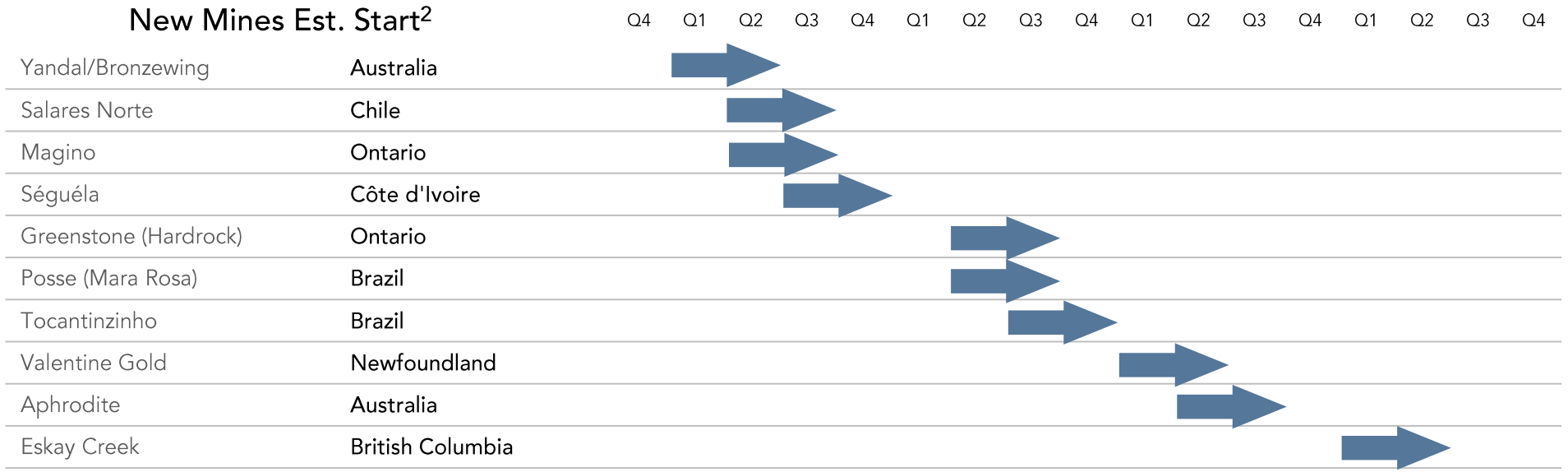
Cobre Panama Expansion



1. 2020 and 2021 GEOs sold
2. First Quantum 2023 to 2024 guidance dated January 17, 2022 and 2022 guidance dated October 25, 2022
3. Assuming: $1,650/oz Au; $19/oz Ag
4. Franco-Nevada is entitled to $100/oz discount on initial stream payments related to the Delay Balance. The discount is expected to apply to deliveries through till the second half of 2023

ORGANIC GROWTH DRIVERS





1. Expansion periods are based on operators' indicated period of ramp-up
2. Indicated start periods are based on operators' guidance and FNV best estimates

PRODUCING ASSET NEWS



COBRE PANAMA



DETOUR LAKE

Indicated timing based on operator guidance

Streams

Cobre Panama	**Panama**	Record production in Q3 2022/Expansion to 100 Mtpa on track
Candelaria	**Chile**	Copper guidance reduced by 2% due to sinkhole near Alcaparrosa mine

Royalties

Vale Iron Ore	**Brazil**	Royalty payment for H1 and Q3 2022 reflects lower than anticipated sales volume and realized pricing
Detour Lake	**Ontario**	Mine life extended by 10 years to 2052/UG mine PEA expected in 2023, evaluating expansion to 32 Mtpa and >1 Moz per year/Ongoing exploration success
Stillwater	**Montana**	Guidance revised following regional flood and optimization planning/Long-term production levels of 700 koz of PGM by 2027, revised from 850 koz of PGM
Tasiast	**Mauritania**	24 ktpd expected by mid-2023
Kirkland Lake	**Ontario**	Macassa #4 shaft project on track for completion in late 2022/AK deposit infill and mineral resource expansion, potential ore source for Macassa as early as 2024
Canadian Malartic	**Québec**	Odyssey project on track/Continued positive drilling results at East Gouldie deposit/Ownership expected to be 100% consolidated under Agnico Eagle
LIORC	**Newfoundland**	Significant capital program under way, reduces near-term dividend outlook
Hemlo	**Ontario**	Improving underground efficiencies/Potential inferred resource conversion at C Zone Deep
Island Gold	**Ontario**	Expansion to 2,400 tpd expected to be completed in 2026/Extension of high-grade gold mineralization laterally and at depth
Milpillas	**Mexico**	Production resumed mid-2022

ADVANCED AND EXPLORATION NEWS



ESKAY CREEK



VALENTINE GOLD

Indicated timing based on operator guidance

Construction Updates

Salares Norte	Chile	Construction nearing completion/First production expected H1 2023
Magino	Ontario	Construction 70% complete/First production expected Q2 2023
Séguéla	Côte d'Ivoire	Construction 83% complete/First production expected mid-2023
Greenstone (Hardrock)	Ontario	Construction 57% complete/First production expected H1 2024
Posse (Mara Rosa)	Brazil	Construction 16% complete and on track for first production H1 2024
Tocantinzinho	Brazil	Construction announced September 2022/First production expected H2 2024
Valentine Gold	Newfoundland	Federal approval of environmental assessment received/Early works activities started/Anticipated first gold production early 2025

Development Updates

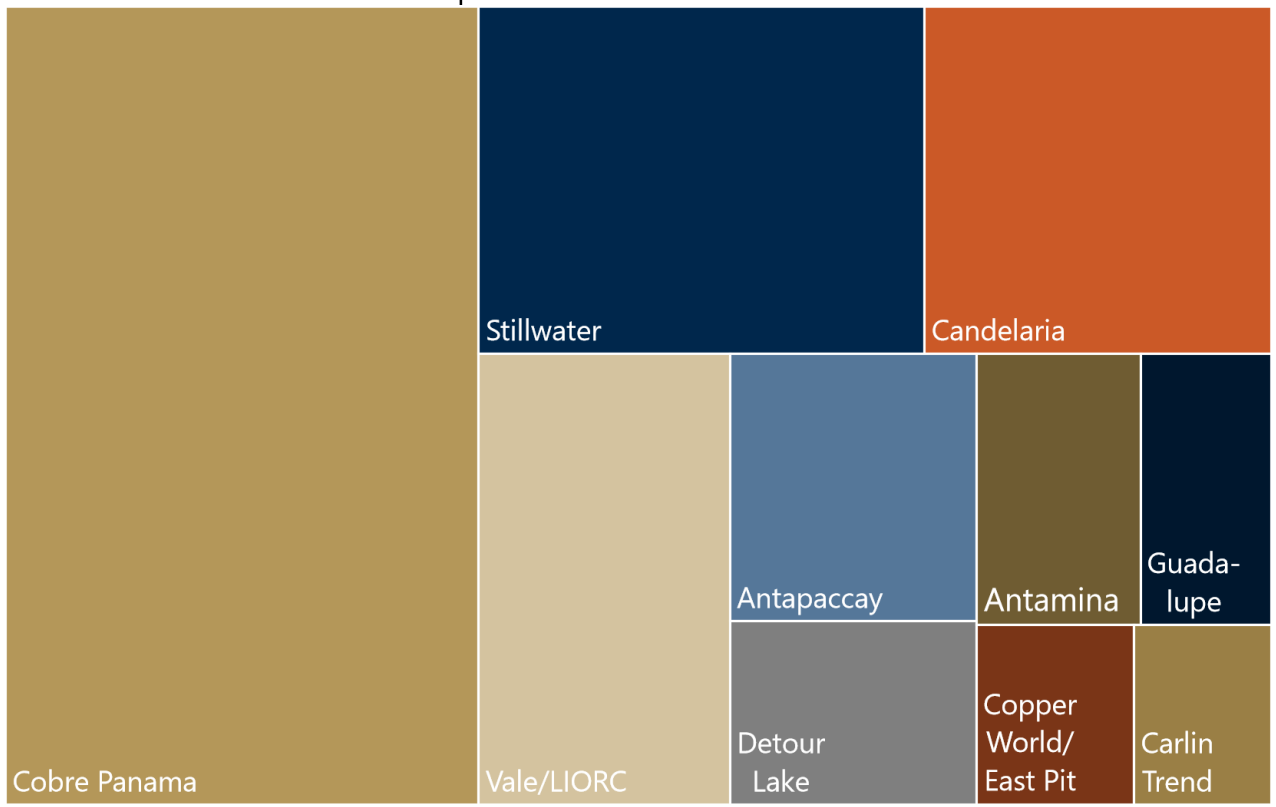
Eskay Creek	British Columbia	FS released Sept. 2022/Agreed process with Tahltan permit approval/Eskay Creek Rift extended with new discovery/New discovery east of Zone 22
Stibnite Gold	Idaho	Clean Air Permit received/SDEIS public comments expected in Q1 2023
Cascabel	Ecuador	TAM resource expanded/PFS update expected in H2 2022/FS expected in H1 2023/SolGold and Cornerstone Capital merger announced
Copper World	Arizona	Copper World injunction lifted/PEA released in Q2 2022, PFS and key state-level permits for Phase 1 being advanced in H2 2022/Recent drilling increased extent of mineralization at Bolsa deposit

Exploration Updates

Crawford Nickel	Ontario	M&I resource doubled/FS expected year-end 2022/New discovery at Reid/Improved recoveries from pilot plant testing
Fenelon/Martinière	Québec	Fenelon and Martinière resource updates expected Q1 2023 and Fenelon PEA in Q2 2023/additional gold mineralized zones outside of current mineral resource estimate
Spences Bridge	British Columbia	Westhaven completed 3,340-meter drill program at Skoonka Creek project

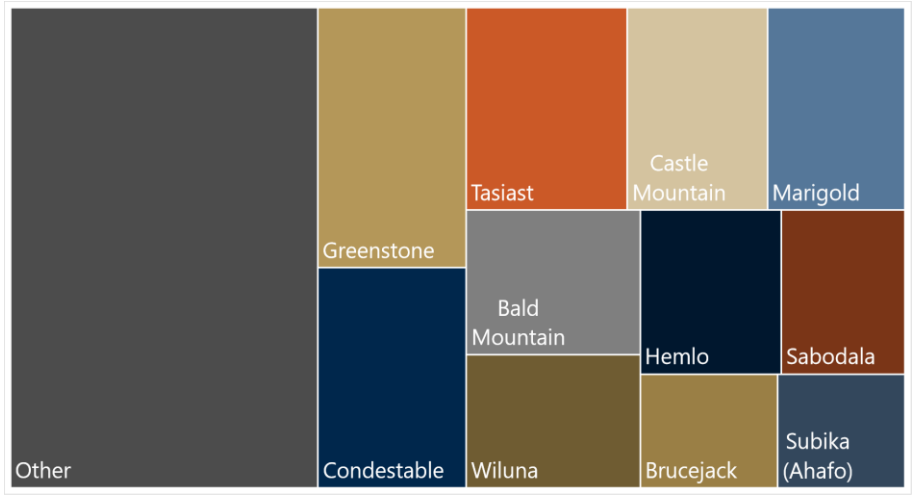
ROYALTY OUNCE BREAKDOWN

Top 10 Assets in 5 Year Outlook[1]



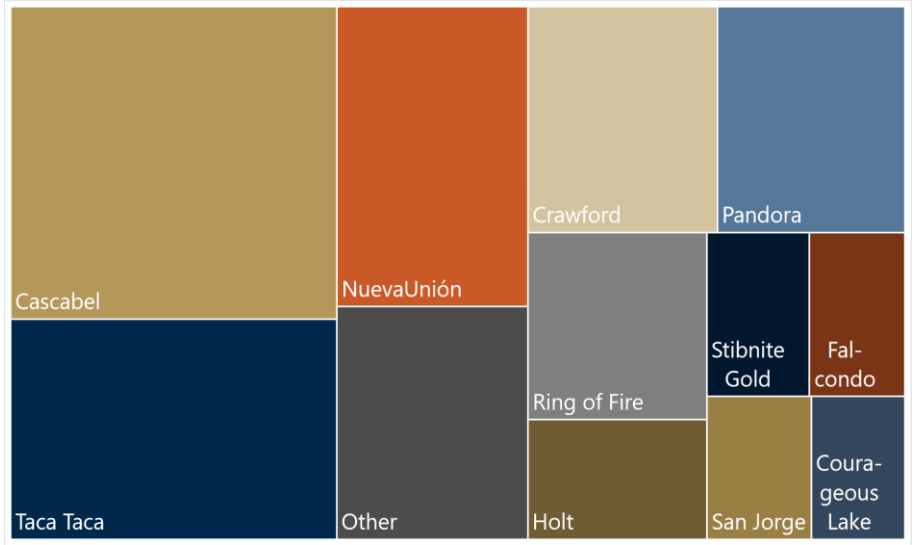
13.3 Moz

Other Assets in 5 Year Outlook[1]



2.4 Moz

Long-Term Assets[1]

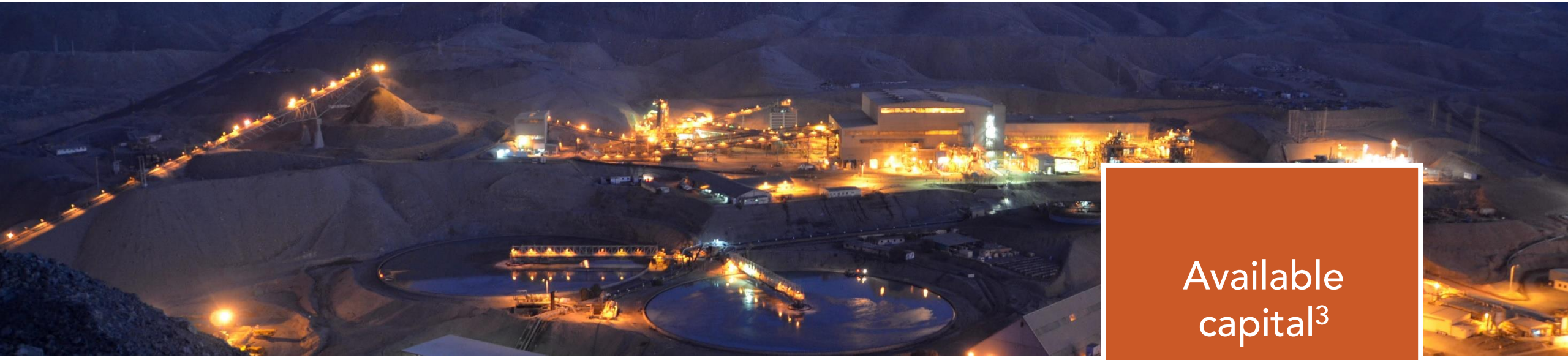


2.9 Moz

M&I Royalty Ounces increased 15% to 18.6 Moz at year end 2021

1. For calculation of M&I Royalty Ounces refer to Franco-Nevada 2022 Asset Handbook
   Mineral Reserve estimates reported by Vale S.A. as of December 31, 2020 have been prepared and reported in accordance with SEC Industry Guide 7 and as such no Mineral Resources are reported. Franco-Nevada has therefore only calculated Mineral Reserve Royalty Ounces for Vale (Northern & Southeastern System) and Sossego and, as such, Mineral Reserve Royalty Ounces are shown in place of M&I Mineral Resource Royalty Ounces for these assets. Details for the Mineral Reserve Royalty Ounces can be found in the 2022 Asset Handbook
   5 Year Outlook (2026) as published on March 9, 2022

AVAILABLE CAPITAL



Cash and cash equivalents[1] ≈$1B

+

Credit Facility[1, 2] ≈$1B

=

Available capital[3] $2B DEBT FREE

1. As at September 30, 2022
2. $1B Corporate Revolver
3. Funding commitments subsequent to September 30, 2022 will be funded with cash flow from operations

Board



David Harquail

Chair



Tom Albanese

Former CEO
Rio Tinto



Derek Evans

CEO
MEG Energy



Dr. Catharine Farrow

Former CEO
TMAC Resources



Louis Gignac

Chair
G Mining Ventures



Maureen Jensen

Former CEO
Ontario Securities Commission



Jennifer Maki

Former CEO
Vale Canada



Randall Oliphant

Former CEO
Barrick Gold



Jacques Perron

Former CEO
Pretium Resources Inc.



Elliott Pew

Former Chair
EnerPlus

Management



Paul Brink

President & CEO
Board Director



Sandip Rana

CFO



Lloyd Hong

CLO



Eaun Gray

SVP, Business Development



Jason O'Connell

SVP, Diversified

THANK YOU FOR YOUR INTEREST IN

Franco Nevada

Leading track record

Low-risk business model

Diversified portfolio

Growth and optionality

www.FRANCO-NEVADA.com

TSX: FNV | NYSE: FNV

APPENDIX – GEOS AND NON-GAAP MEASURES

1. Starting in Q4 2021, revenue from Franco-Nevada's Energy assets is included in the calculation of GEOs. GEOs for comparative periods have been recalculated to conform with the current presentation. GEOs include Franco-Nevada's attributable share of production from our Mining and Energy assets, after applicable recovery and payability factors. GEOs are estimated on a gross basis for NSR royalties and, in the case of stream ounces, before the payment of the per ounce contractual price paid by the Company. For NPI royalties, GEOs are calculated taking into account the NPI economics. Silver, platinum, palladium, iron ore, oil, gas and other commodities are converted to GEOs by dividing associated revenue, which includes settlement adjustments, by the relevant gold price. The price used in the computation of GEOs earned from a particular asset varies depending on the royalty or stream agreement, which may make reference to the market price realized by the operator, or the average price for the month, quarter, or year in which the commodity was produced or sold.

Average Prices and Rates

		For the three months ended September 30,		For the nine months ended September 30,	
		2022	2021	2022	2021
Gold	($/oz)	$ 1,728	$ 1,789	$ 1,825	$ 1,801
Silver	($/oz)	$ 19.22	$ 24.36	$ 21.94	$ 25.78
Platinum	($/oz)	$ 886	$ 1,024	$ 958	$ 1,122
Palladium	($/oz)	$ 2,074	$ 2,459	$ 2,163	$ 2,551
Iron Ore Fines 62% Fe CFR China	($/tonne)	$ 105	$ 191	$ 129	$ 205
Edmonton Light	(C$/bbl)	$ 116.51	$ 84.20	$ 123.51	$ 76.35
West Texas Intermediate	($/bbl)	$ 91.56	$ 70.52	$ 98.09	$ 64.82
Henry Hub	($/mcf)	$ 7.91	$ 4.32	$ 6.65	$ 3.34

2. Non-GAAP financial measures: Cash Costs, Cash Costs per GEO sold, Adjusted Net Income, Adjusted Net Income per Share, Adjusted Net Income Margin, Adjusted EBITDA, Adjusted EBITDA per share, and Adjusted EBITDA Margin are non-GAAP financial measures with no standardized meaning under IFRS and might not be comparable to similar financial measures disclosed by other issuers. For a quantitative reconciliation of each non-GAAP financial measure to the most directly comparable IFRS financial measure, refer to the following tables. Further information relating to these Non-GAAP financial measures is incorporated by reference from the "Non-GAAP Financial Measures" section of Franco-Nevada's MD&A for the three and nine months ended September 30, 2022 and filed on November 7, 2022 with the Canadian securities regulatory authorities on SEDAR available at www.sedar.com and with the U.S. Securities and Exchange Commission available on EDGAR at www.sec.gov. Starting in Q4 2021, revenue from Franco-Nevada's Energy assets are included in the calculation of GEOs. Similarly, the composition of Cash Costs and Cash Costs per GEO sold has been amended to include costs and GEOs related to Franco-Nevada's Energy assets. Cash Costs and Cash Costs per GEO sold for comparative periods have been recalculated to conform with current presentation.

Cash Costs

(expressed in millions, except per GEO amounts)	For the three months ended September 30,		For the nine months ended September 30,	
	2022	2021	2022	2021
Total costs of sales	$ 110.5	$ 115.0	$ 343.8	$ 351.3
Depletion and depreciation	(68.5)	(73.0)	(212.7)	(221.4)
Cash Costs	$ 42.0	$ 42.0	$ 131.0	$ 129.9
GEOs	176,408	177,578	546,074	545,694
Cash Costs per GEO sold	$ 238	$ 237	$ 240	$ 238

Adjusted Net Income

(expressed in millions, except per share amounts)	For the three months ended September 30,		For the nine months ended September 30,	
	2022	2021	2022	2021
Net income	$ 157.1	$ 166.0	$ 535.6	$ 512.8
Impairment (reversals) and charges	—	—	—	7.5
Foreign exchange loss (gain) and other (income) expenses	2.3	0.4	(3.5)	1.7
Finance income related to repayment of Noront loan	—	—	(2.2)	—
Tax effect of adjustments	0.3	(0.4)	2.8	(1.9)
Other tax related adjustments:				
Recognition of previously unrecognized deferred tax assets	—	(0.4)	—	(11.0)
Adjusted Net Income	$ 159.7	$ 165.6	$ 532.7	$ 509.1
Basic weighted average shares outstanding	191.6	191.1	191.5	191.0
Adjusted Net Income per share	$ 0.83	$ 0.87	$ 2.78	$ 2.67

Adjusted Net Income Margin

(expressed in millions, except per share amounts)	For the three months ended September 30,		For the nine months ended September 30,	
	2022	2021	2022	2021
Adjusted Net Income	$ 159.7	$ 165.6	$ 532.7	$ 509.1
Revenue	304.2	316.3	995.3	972.3
Adjusted Net Income Margin	52.5%	52.4%	53.5%	52.4%

Adjusted EBITDA

(expressed in millions, except per share amounts)	For the three months ended September 30,		For the nine months ended September 30,	
	2022	2021	2022	2021
Net income	$ 157.1	$ 166.0	$ 535.6	$ 512.8
Income tax expense	30.4	30.2	103.1	79.4
Finance expenses	0.8	0.8	2.5	2.7
Finance income	(2.4)	(0.6)	(5.9)	(3.0)
Depletion and depreciation	68.5	73.0	212.7	221.4
Impairment charges	—	—	—	7.5
Foreign exchange loss (gain) and other (income) expenses	2.3	0.4	(3.5)	1.7
Adjusted EBITDA	$ 256.7	$ 269.8	$ 844.5	$ 822.5
Basic weighted average shares outstanding	191.6	191.1	191.5	191.0
Adjusted EBITDA per share	$ 1.34	$ 1.41	$ 4.41	$ 4.31

Adjusted EBITDA Margin

(expressed in millions, except Margin)	For the three months ended September 30,		For the nine months ended September 30,	
	2022	2021	2022	2021
Adjusted EBITDA	$ 256.7	$ 269.8	$ 884.5	$ 822.5
Revenue	304.2	316.3	995.3	972.3
Margin	84.4%	85.3%	84.8%	84.6%

ESG LEADERSHIP

Our ESG Focus

- Responsible Capital Allocation
- Community Contributions
- Good Governance & Shareholder Alignment
- Fostering Diversity and Inclusion
- Transparent ESG Disclosure

Responsible Capital Allocation

Commitment to responsible mining and energy extraction through investments in operations with good labour, environmental and community practices

RESPONSIBLE GOLD MINING PRINCIPLES

Committed to WGC Responsible Gold Mining Principles

WE SUPPORT UN GLOBAL COMPACT

UN Global Compact Participant

Community Contributions

Contributing to our communities and engaging with our operators to partner in community initiatives where our royalty and stream assets are located

Every Student, Every Day
VICTORIA GOLD YUKON STUDENT ENCOURAGEMENT SOCIETY

enseña perú

CIM ICM

United Way

SolGold

GLENCORE

COEUR MINING

Continental RESOURCES

Good Governance & Shareholder Alignment

Established board and management team aligned with shareholders with substantial ownership of company and having low G&A costs

THE GLOBE AND MAIL BOARD GAMES

4th ranked Canadian mining company in 2021

Franco Nevada

Board and Management own >$200M[1] in stock

Low G&A even when compared to Gold ETF fees

Fostering Diversity and Inclusion

Committed to furthering diversity and inclusion through the adoption of objective targets and ongoing sponsorships of diversity initiatives

BOARD	Independent Directors Women Directors 38%
TARGET	Board and Management Diverse Representation 40% by 2025

Franco Nevada Diversity Scholarship

the prosperity project — when women succeed, we all prosper

Patron Sponsor

BLACKNORTH INITIATIVE

Pledge to alleviate systemic black racism

Transparent ESG Disclosure

Our annual ESG Report is available on our website and is aligned with leading sustainability frameworks, including TCFD and SASB



Annual ESG Report

SASB — Sustainability Accounting Standards Board

TCFD — Task Force on Climate-Related Financial Disclosures

1. Based on December 31, 2021 closing price

CRA AUDIT (2012-2017)

	Taxation Years Reassessed	Potential Income Tax Payable[1]	Potential Interest & Penalties[1,4,5]
Canadian Domestic Tax Matters	2014-2017	$14.5M (C$19.9M)[2]	$4.4M (C$6.0M)
Transfer Pricing (Mexican Subsidiary)	2013-2016	$21.8M (C$29.9M)[3]	$19.9M (C$27.1M)
Transfer Pricing (Barbadian Subsidiary)	2014-2017	$34.0M (C$46.5M)	$24.5M (C$33.8M)
Foreign Accrual Property Income (Barbadian Subsidiary)	2012-2013	$5.6M (C$7.7M)	$3.1M (C$4.2M)

Franco-Nevada does not believe that the reassessments are supported by Canadian tax law and jurisprudence and intends to vigorously defend its tax filing positions.

1. Canadian dollar amounts in this table have been converted to US dollars at the exchange rate applicable at September 30, 2022 as quoted by the Bank of Canada
2. Tax payable after applying available non-capital losses and other deductions
3. Tax payable before any double taxation relief under the Canada-Mexico tax treaty
4. Includes transfer pricing penalties: $9.3M (C$12.8M) for 2013-2015; $12.3M (C$16.8M) for 2016-2017 currently under review by the Canada Revenue Agency
5. Interest calculated to September 30, 2022