



CHESAPEAKE
GOLD CORP.

CORPORATE PRESENTATION

MAY 2024

CKG: TSX.V
CHPGF: OTCQX

Cautionary Notes



Cautionary Note Regarding Forward-Looking Statements

*This presentation contains "forward-looking statements" within the meaning of Canadian securities legislation. Such forward-looking statements include, without limitation, statements with respect to: the economic and project parameters presented in Chesapeake Gold Corp.'s (the "**Company**" or "**Chesapeake**") preliminary economic assessment titled "Metates Sulphide Heap Leach Project, Phase 1, Amended NI 43-101 Technical Report, Preliminary Economic Assessment" dated January 13, 2023 with an effective date of December 15, 2022 (the "**PEA**"), including internal rate of return, all-in sustaining costs, net present value, and other costs; projections of production; and economic information including the price of gold and silver; the strategic plans, timing and expectations for the Company's exploration and drilling programs at the Company's mineral properties; estimates from metallurgical testing results; mineralization estimates and grades for drill intercepts; geological information projected from sampling results; potential quantities and grades of target zones; permitting for various work; the preparation of a pre-feasibility study in respect of the Company's Metates property; information with respect to high grade areas and size of veins projected from underground sampling results and drilling results at the Company's mineral properties; and the Company's future growth potential.*

Such forward-looking statements or information are based on a number of assumptions, which may prove to be incorrect. Assumptions have been made regarding, among other things: the reliability of mineralization estimates; the accuracy of assay and metallurgical test results; the geological interpretations from drilling results; the performance of available laboratory and other related services; the conditions in general economic and financial markets; the future price of gold and silver; availability and costs of mining equipment and skilled labour; timing and amount of expenditures related to drilling programs; future operating costs; the historical basis for current estimates of potential quantities and grades of target zones; and the effects of regulation by governmental agencies.

The actual results could differ materially from those anticipated in these forward-looking statements as a result of risk factors including, without limitation: the timing and content of work programs; results of exploration activities and development of mineral properties; the interpretation and uncertainties of drilling and testing results and other geological data; receipt, maintenance and security of permits and mineral property titles; environmental and other regulatory risks; project cost overruns or unanticipated costs and expenses; availability of funds; failure to delineate potential quantities and grades of the target zones based on historical data; general market and industry conditions; and other risk factors as described under "Risk Factors" in the Company's Annual Information Form for the year ended December 31, 2022.

Forward-looking statements are based on the expectations and opinions of the Company's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date the statements were made. The Company undertakes no obligation to update or revise any forward-looking statements included in this presentation if these beliefs, estimates and opinions or other circumstances should change, except as otherwise required by applicable law.

Cautionary Notes

Cautionary Note Regarding Mineral Resource Estimates

The PEA was prepared and filed by the Company and can be accessed under the Company's SEDAR+ profile at www.sedarplus.ca or on the Company's website at <https://chesapeakegold.com/>. The PEA was prepared in accordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“**NI 43-101**”) and the Canadian Institute of Mining, Metallurgy and Petroleum (“**CIM**”) – CIM Definition Standards on Mineral Resources and Mineral Reserves, adopted by the CIM Council, as amended (the “**CIM Standards**”). NI 43-101 is a rule developed by the Canadian Securities Administrators, which established standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. The terms “mineral reserve”, “proven mineral reserve” and “probable mineral reserve” are Canadian mining terms as defined in accordance with NI 43-101 and the CIM Standards. In addition, the terms “mineral resource”, “measured mineral resource”, “indicated mineral resource” and “inferred mineral resource” are defined in accordance with NI 43-101 and the CIM Standards. Investors are cautioned not to assume that all or any part of mineral deposits in these categories will ever be converted into mineral reserves. “Inferred mineral resources” have a great amount of uncertainty as to their economic and legal feasibility. It is reasonably expected that the majority of inferred mineral resources could be upgraded to indicated mineral resources with continued exploration. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies, except in very limited circumstances. Investors are cautioned not to assume that all or any part of an inferred mineral resource is economically or legally mineable.

The mineral resource figures referred to in this presentation are estimates and no assurances can be given that the indicated levels of gold and silver will be produced. Such estimates are expressions of judgment based on commodity price assumptions, metallurgical testwork experience and related estimates, mining experience, analysis of drilling results and cost estimates, and industry knowledge and practices. Valid estimates made at a given time may significantly change when new information becomes available. By their nature, mineral resource estimates are imprecise and depend, to a certain extent, upon statistical inferences which may ultimately prove unreliable. Any inaccuracy or future reduction in such estimates could have a material adverse impact on the Company.

The PEA explores the viability of a two-stage heap leach process to recover gold and silver from intrusive and intrusive breccia materials that are parts of the Metates mineral resource. The PEA has significantly lower initial capital, superior investment return indicators and a very different approach to the treatment of the mineralization at Metates in comparison to the Company's 2016 PFS (as defined below). The reduced plant throughput lends flexibility to operations in terms of power and water supply, greatly reducing the scope of infrastructure work required for plant development. Operating cash costs per ounce also increased in the PEA as a result of a change to a processing methodology which has relatively higher reagent consumptions to oxidize and recover gold and silver at a reduced recovery, but with the benefit of over US\$3 billion in total capital reduction. The 2016 PFS realizes zinc by-product credits which are not included in the process plan for the PEA.

Cautionary Note Regarding 2016 PFS

The Company completed a pre-feasibility study titled “Metates Gold-Silver Project, NI 43-101 Technical Report, Updated Preliminary Feasibility Study” filed May 3, 2016 with an effective date of April 29, 2016 (the “**2016 PFS**”). The 2016 PFS has been superseded by the PEA, is no longer current and is not being relied upon by the Company.

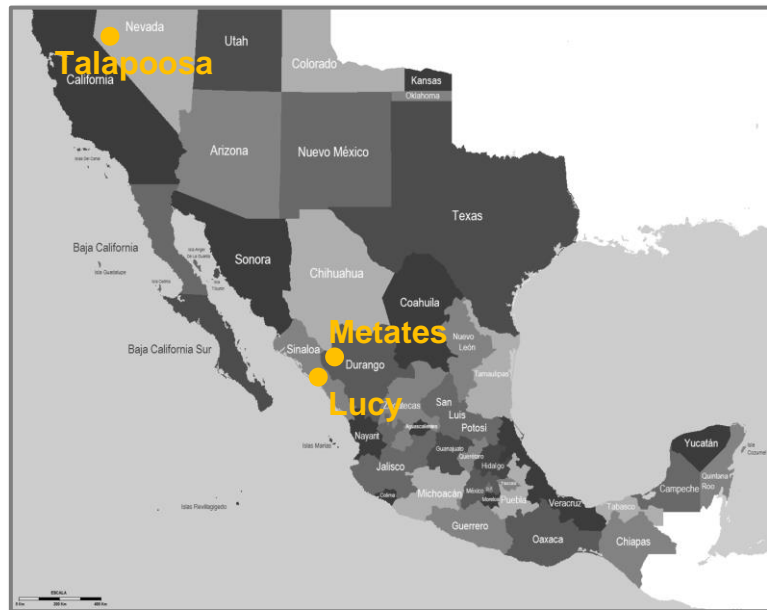
Gary Parkison, CPG, Vice President Development and Alberto Galicia, P. Geo., Vice President Exploration of the Company, are each a “qualified person” within the meaning of NI 43-101 and have reviewed and approved the scientific and technical information relating to the Company's mineral properties disclosed in this presentation.

Chesapeake Gold

Investment Highlights



- **New Oxide Gold Discovery at the Lucy Project**
 - 2023 drilling intercepted 6.1g/t gold over 24m from surface¹
 - One of several holes delineating a 500m zone of mineralized skarn
- **Metates – A Re-Invented Story**
 - **Size & Leverage:** One of the world’s largest undeveloped gold-silver deposits²
 - M&I ~17Moz Au (0.57 g/t) & 423Moz Ag (14.3 g/t)³
 - Inf. ~2Moz Au (0.47 g/t) & 59Moz Ag (13.2 g/t)³
 - **Higher Grade Core Confirmed in 2022**
 - **Faster Oxidative Leach Tech Identified in 2023**
 - **Innovative “Green Gold” Technology**
 - **PEA Demonstrates Alternative Development**
 - Financeable, deliverable & expandable
- **Favorable Jurisdiction:** Mexican team in place for decades with strong community relations
- **Well Funded:** ~C\$18mm in treasury, low burn rate
- **Large Supportive Shareholders:** Eric Sprott, Sun Valley and Management own >40% equity interest
- **Compelling Valuation:** Trading at >90% discount to development peers on an EV/oz basis



Perfect Asset at the Perfect Time

- ✓ Gold price reaching all-time highs
- ✓ Heap leach approach unlocks true mine value and maximizes development approach
- ✓ A large platform for future growth

1. Lucy project exploration news release dated October 3, 2023.

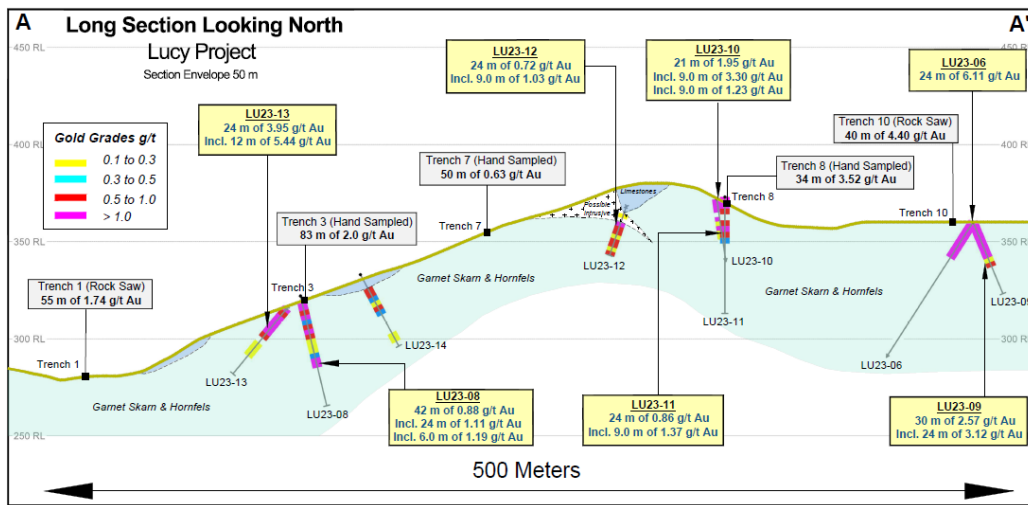
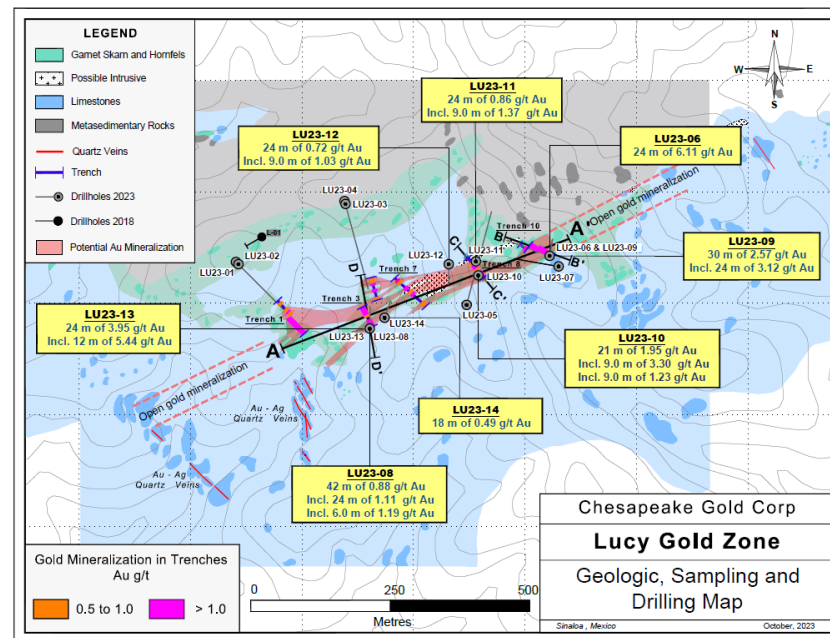
2. Mexico’s biggest undeveloped gold deposits Published: Bnamerica -Tuesday, November 24, 2020.

3. Metates updated resource estimate news release dated February 22, 2023.

Lucy Project – New Gold Discovery

Drilling Returned 6.1g/t Gold over 24 metres from Surface¹

- Lucy project in central Sinaloa, Mexico, comprises 483ha and is located within 5km of a paved highway
- The recent 1,710m drilling campaign discovered a northeast trending zone of skarn of at least 500m in strike length with significant oxide gold mineralization starting at surface, remaining open along strike in both directions and at depth¹



Assay Highlights from the 2023 Lucy Drilling Campaign¹

Hole ID	From (m)	To (m)	Width (m)	Au (g/t)
LU23-06	0	24	24	6.11
LU23-08	3	45	42	0.88
LU23-09	0	30	30	2.57
Including	0	24	24	3.12
LU23-10	0	21	21	1.95
Including	0	9	9	3.30
LU23-13	3	27	24	3.95
Including	12	24	12	5.44

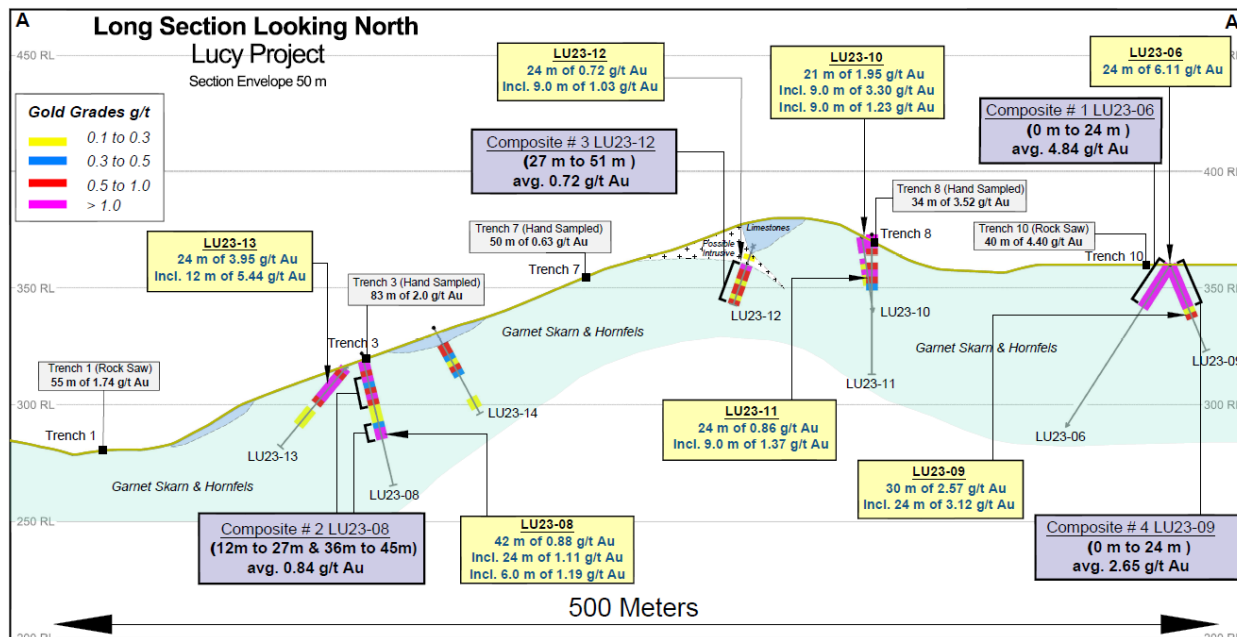
1. Lucy project exploration news release dated October 3, 2023.

Lucy Project – New Gold Discovery



Up to 97% Gold Recoveries Achieve in Preliminary Met. Work¹

- The initial metallurgical test work consisted of 4 holes selected across the Lucy mineralized corridor; each hole was then sampled as a unique composite
- The results of this initial test work support that the **oxide gold mineralization is readily treatable with a standard CN tank leach in a Carbon in Leach/Carbon in Pulp type process**
- Up to 97% gold recoveries were demonstrated at Lucy, and in all cases, maximum extractions for gold were achieved at 24 hours
- A Phase 2 exploration program is already underway at the Lucy project
- This new campaign includes 10 HQ drill holes totalling 900m to extend known mineralization to the southwest and delineate the dip direction by drilling untested mineralized trenches within the 500m gold-bearing skarn corridor



Preliminary CN Metallurgical Highlights from the 2023 Lucy Drilling Campaign¹

Composite #	Source Material	Lithology	Gold Grade Au g/t	Silver Grade Ag g/t	Gold Extraction at 24hrs Au %	Silver Extraction at 24hrs Ag %
1	LU23-06 (0m to 24m)	Skarn	4.85	2.10	97%	74%
2	LU23-08 (12m to 27m & 36m to 45m)	Skarn / Skarn-Hornfels	0.99	3.57	91%	40%
3	LU23-12 (27m to 51m)	Skarn-Hornfels / Hornfels	0.96	0.64	93%	69%
4	LU23-09 (0m to 24m)	Skarn / Skarn-Hornfels	2.99	1.07	97%	70%

1. Lucy project metallurgical news release dated February 13, 2024.

Metates – A Re-Invented Story

Not How You Remember It → Waking A Sleeping Giant

PAST (2016 PFS)

CURRENT (2021 PEA)

TOTAL RESOURCE

M&I ~19Moz Au & 503Moz Ag Contained
Inf. ~1Moz Au & 16Moz Ag Contained

M&I ~17Moz Au & 423Moz Ag Contained¹
Inf. ~2Moz Au & 59Moz Ag Contained¹

Maintains Large Resource ✓

PROCESSING METHODOLOGY

Flotation / POX Autoclave

Sulphide Heap Leach

Heap Leach Unlocks True Mine Value ✓

THROUGHPUT

Up to 90ktpd

15ktpd “Starter” Project

“Starter” with Expansion Potential ✓

DEVELOPMENT CAPEX

US\$3,496M

US\$359M

90% Decrease to Capex ✓

MINE LIFE

27 Years

31 Years

Stable, Long Life, Asset ✓

AVERAGE ANNUAL PRODUCTION

~560Koz Au

~147Koz AuEq

Healthy Production Scale ✓

PRE-TAX NPV (5% DCF)

US\$1.8B (Base Case)

C\$1.9B (Base Case)

Smaller Project with Robust Margins ✓

We are re-inventing Metates as a low capital cost, sulphide heap leach project → An Executable Pathway to Production

Source: Metates Sulphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023.

1. Metates updated resource estimate news release dated February 22, 2023.

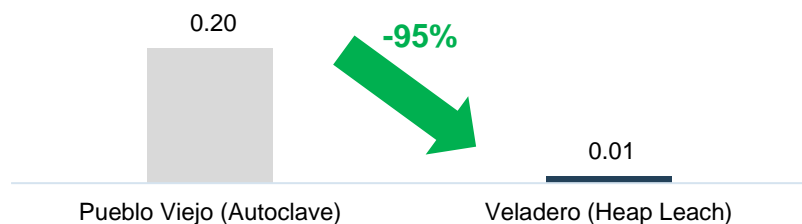
Metates – A Re-Invented Story

Reduced GHG Emissions & Water Consumption

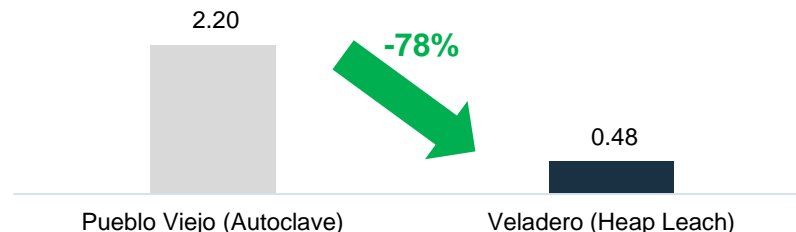


- Will produce “Green Gold” as when compared to conventional processes:
 - Utilizes less water;
 - Reduces power consumption and pollution; and
 - Eliminates the need for a tailings dam
- Leading to a simplified permitting process

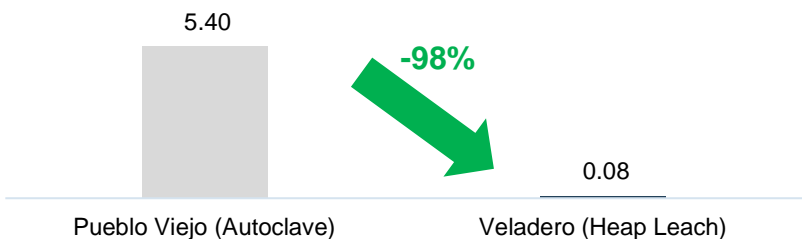
Tonnes CO₂e / t of Ore Processed¹



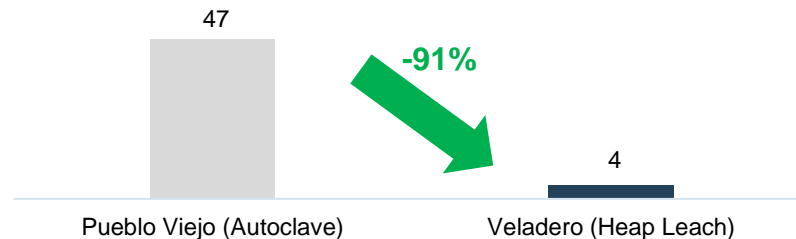
Tonnes CO₂e / Au Oz Produced¹



Water Consumption (t) / t of Ore Processed¹



Water Consumption (t) / Au Oz Produced¹



1. Barrick Gold 2019 Sustainability Report. Water consumption on net basis.

Metates

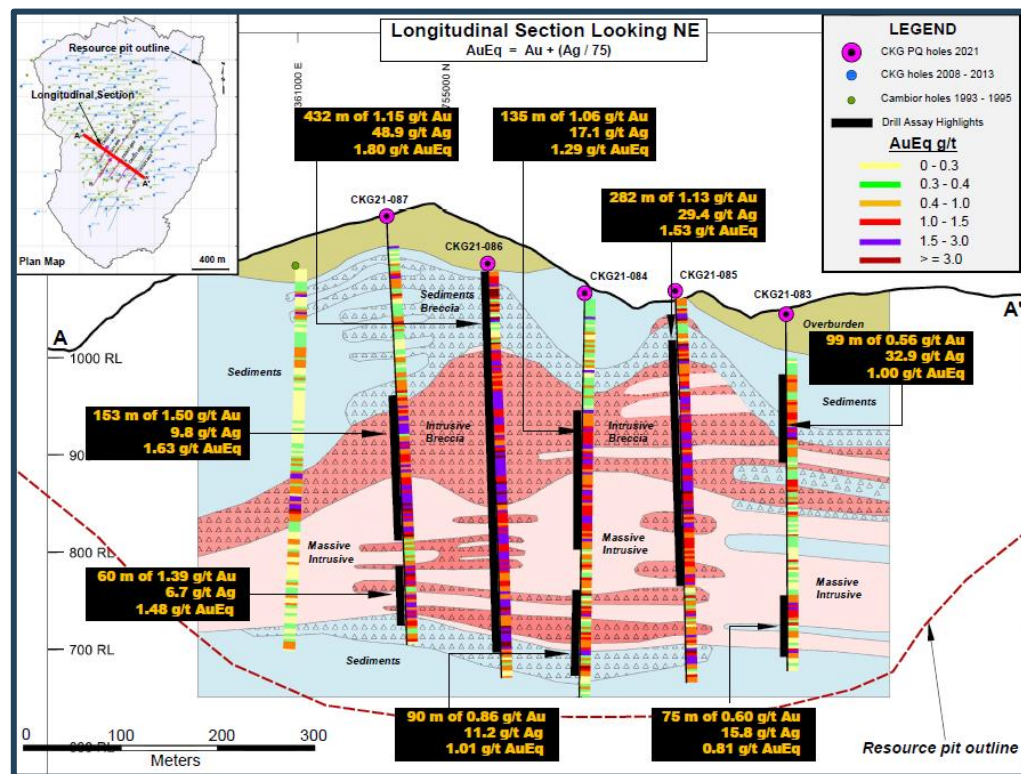
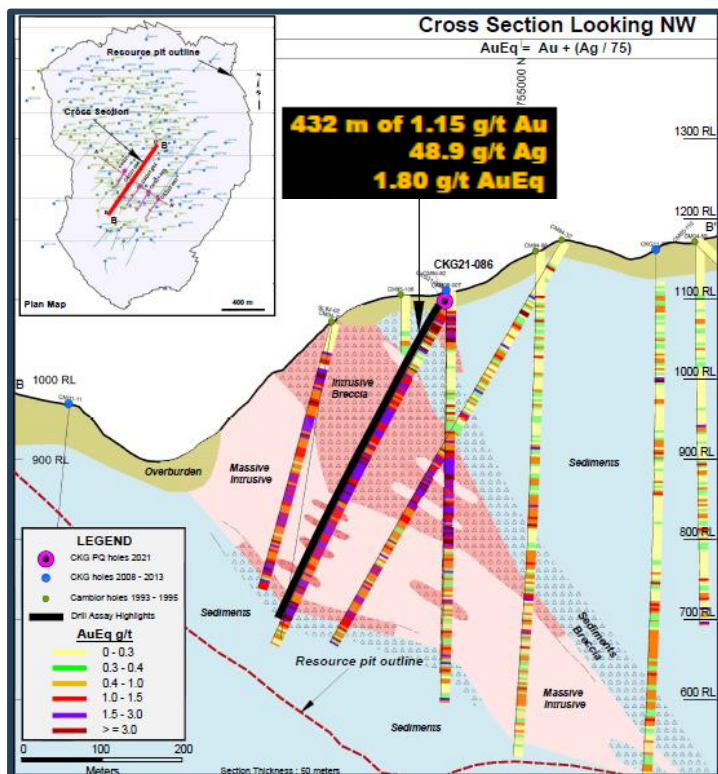
Waking A Sleeping Giant

- **One of the world's largest undeveloped gold-silver deposits^{1,2,3}**
 - Well-defined resource
 - 921.2Mt in the Measured and Indicated Mineral Resource category with **16.8Moz gold (0.57 g/t) and 423Moz silver (14.3 g/t)**
 - A further 139.5Mt in the Inferred Mineral Resource category with **2.1Moz gold (0.47 g/t) and 59Moz silver (13.2 g/t)**
- **Initially target higher grade portion of the Metates massive intrusive as sulphide heap leach mine**
 - 195mt @ 0.76 g/t Au, 13.3 g/t Ag³
 - 15k tpd starter project; expandable
- **Lower capital and processing costs from heap leach production returns superior project economics**



1. Mexico's biggest undeveloped gold deposits Published: Bnamericas -Tuesday, November 24, 2020
2. Metates Sulphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023. Gold-Silver Equivalent calculated at US\$1,600/oz Au, US\$22/oz Ag.
3. Metates updated resource estimate news release dated February 22, 2023.

- **2021/22 drilling confirms higher grade intrusive**
 - Assay grade and intercepts better than expected, >18% improvement in grade



Metates

2023 Updated Resource Estimate¹



- Incorporates all 2021 and 2022 drilling results
- 15.8% increase in gold grade of Intrusive and Intrusive Breccia zone

Resource Category	Mtonnes	Gold Eq.	Gold	Silver	Gold	Silver
		(g/t)	(g/t)	(g/t)	(Moz)	(Moz)
Measured Mineral Resource	31.1	1.10	0.86	18.1	0.86	18.1
<i>Intrusive</i>	19.8	1.27	1.02	18.7	0.65	12.0
<i>Sediment</i>	11.3	0.79	0.57	17.1	0.20	6.2
Indicated Mineral Resource	890.1	0.75	0.75	14.2	15.91	405.1
<i>Intrusive</i>	175.9	0.91	0.74	12.7	4.16	71.9
<i>Sediment</i>	714.2	0.71	0.51	14.5	11.76	333.2
M&I Mineral Resource	921.2	0.76	0.57	14.3	16.77	423.2
<i>Intrusive</i>	195.7	0.94	0.76	13.3	4.81	83.8
<i>Sediment</i>	725.4	0.71	0.51	14.6	11.96	339.4
Inferred Mineral Resource	139.5	0.65	0.47	13.2	2.13	59.0
<i>Intrusive</i>	22.6	0.80	0.67	9.9	0.48	7.2
<i>Sediment</i>	116.9	0.62	0.44	13.8	1.64	51.8

1. Metates updated resource estimate news release dated February 22, 2023.

Encouraging Results from Metallurgical Testwork¹

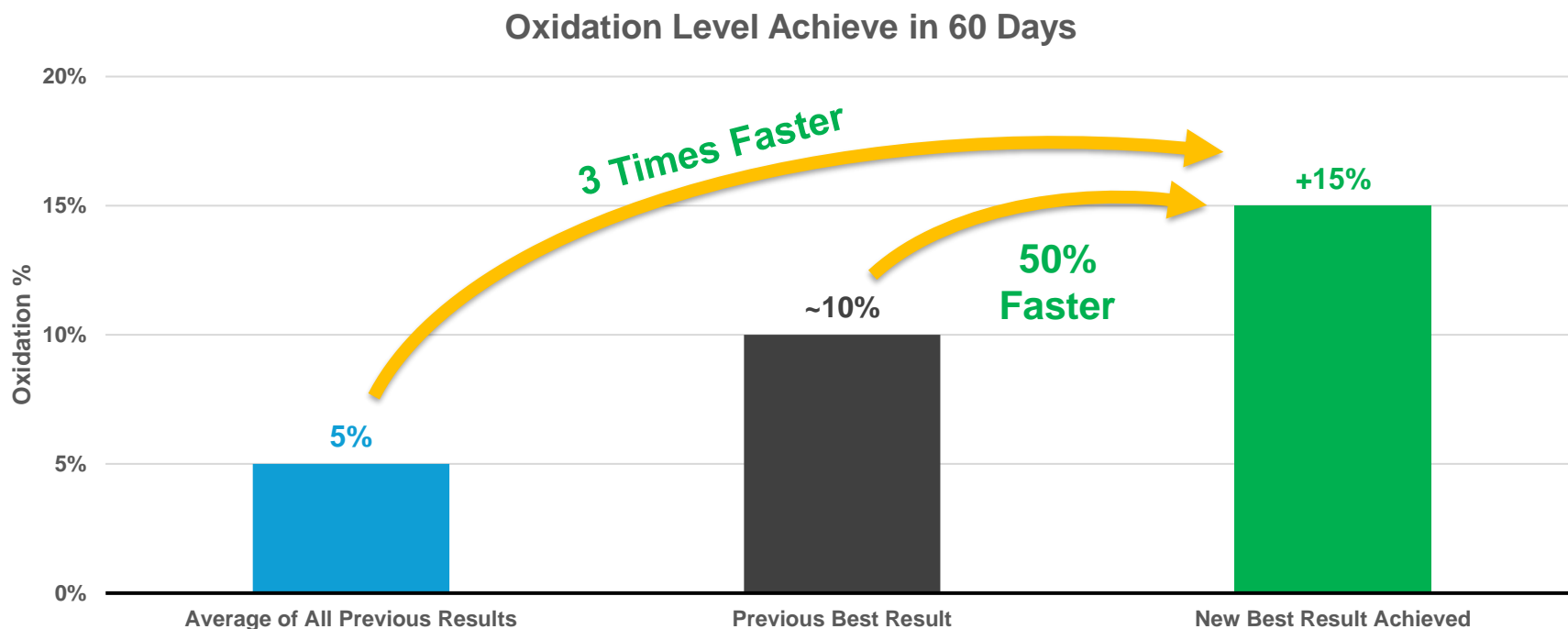
Sulphide Leach Technology Update



Metallurgical work has continued to investigate various parameters to accelerate the oxidation kinetics and the oxidation rate of the sulphide leach technology

The new conditions are showing very encouraging oxidation rates:

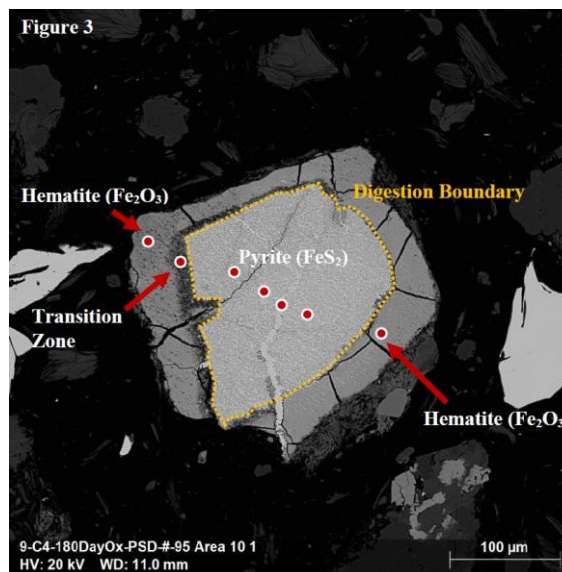
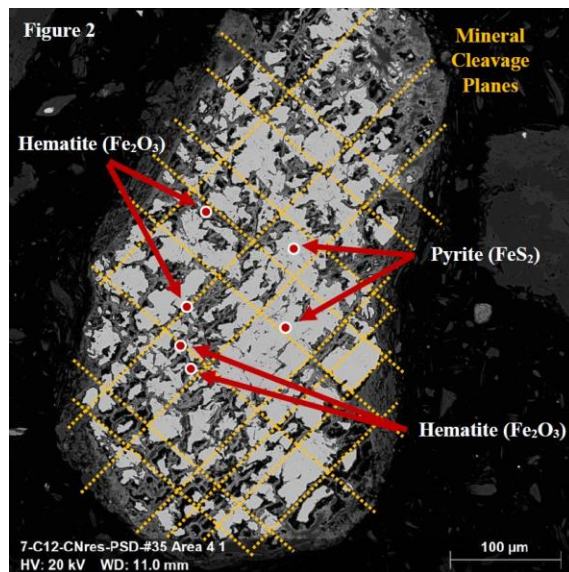
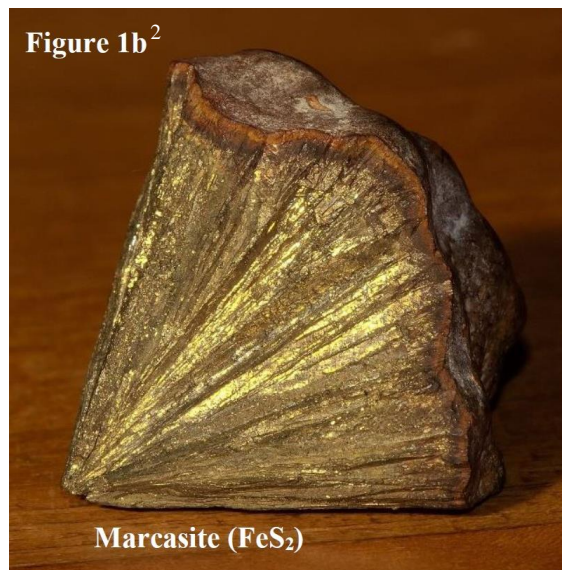
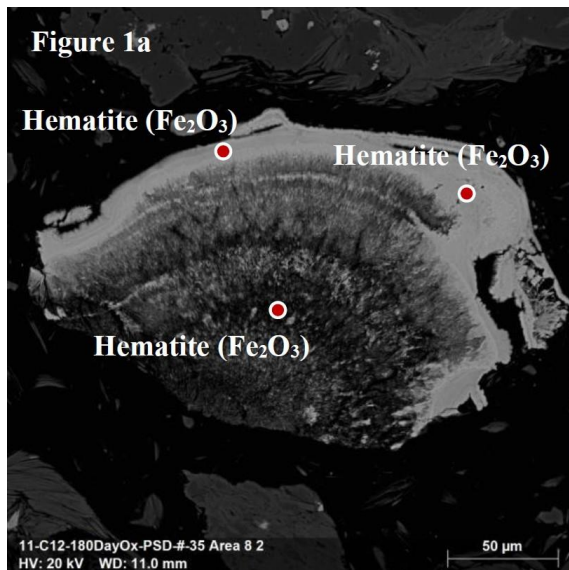
- The samples have achieved an oxidation level of 15% to 16% in just 60 days
- This is approximately 3 times faster than the average of our previous cases and 50% faster than our last best rate of oxidation



1. Chesapeake announces metallurgical testwork update news release dated September 6, 2023.

Metates Mineralogical Investigation¹

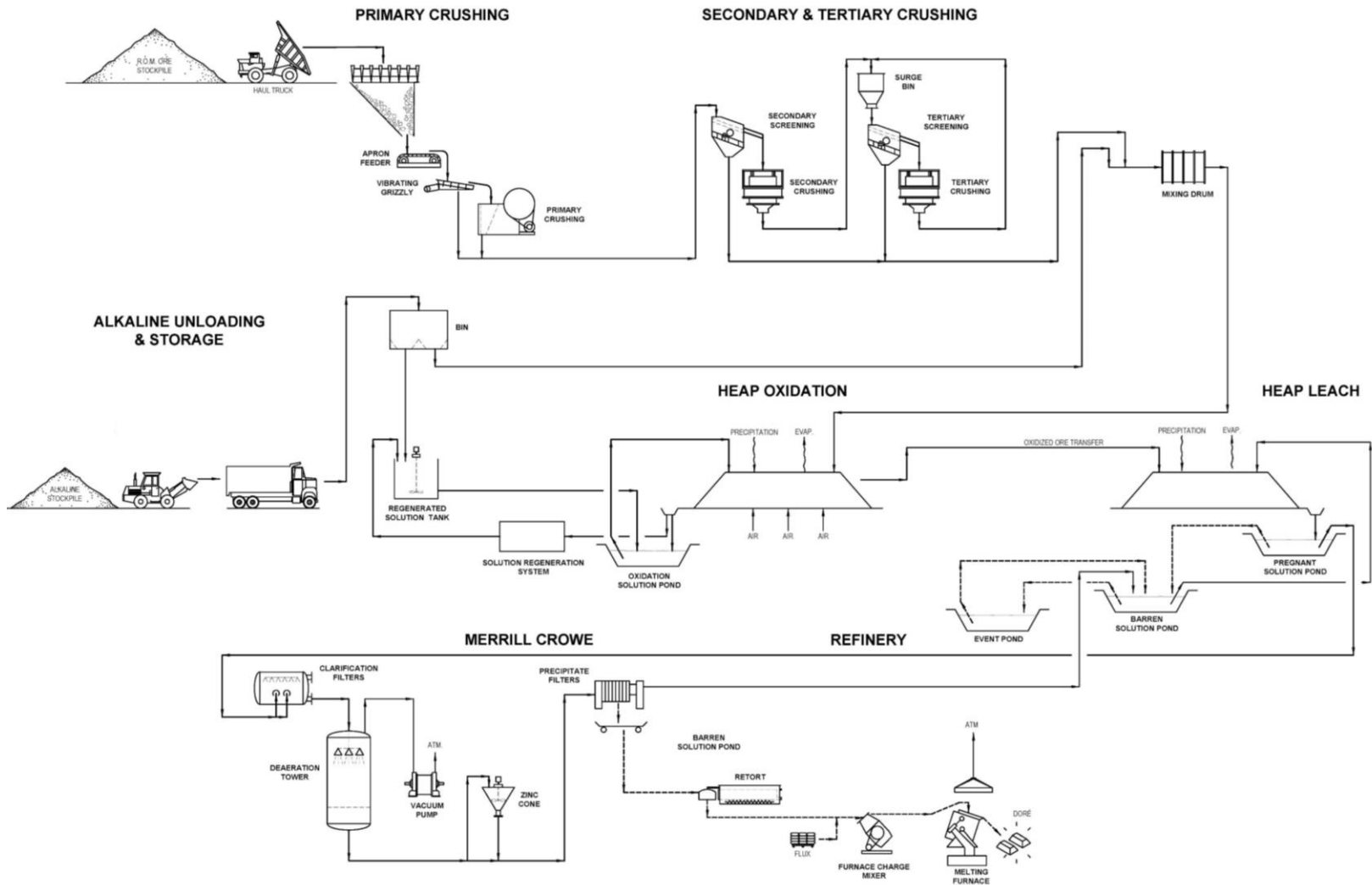
Phase 3 Met Update



1. Chesapeake announces metallurgical testwork update news release dated September 6, 2023.
2. Marcasite. (2023, September 1). Encyclopædia Britannica. <https://www.britannica.com/science/marcasite#/media/1/364089/119889>

Metates 2021 PEA

Simple Flowsheet



Source: Metates Suplehe Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023.

Metates 2021 PEA

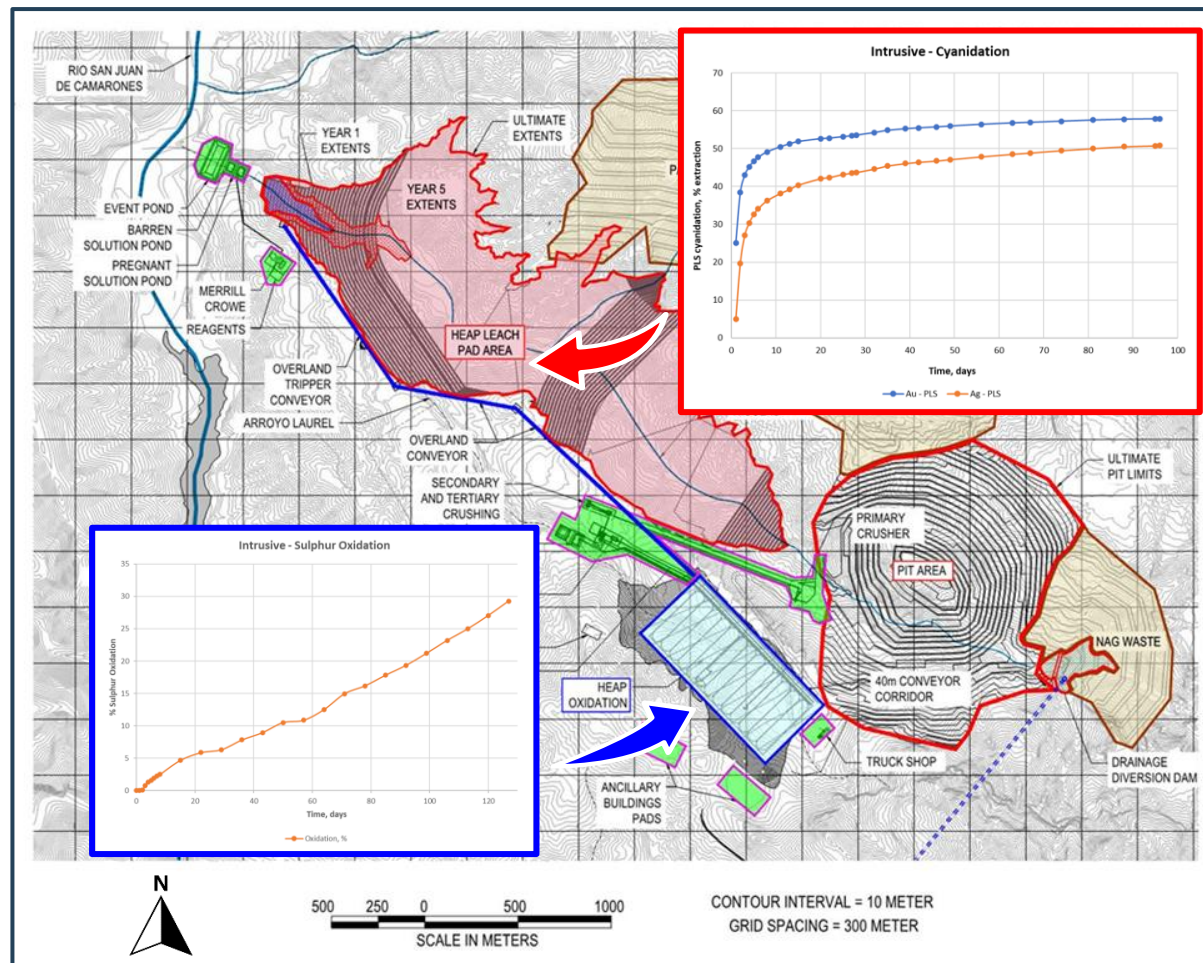
Site Layout – Overlain by Proof of Concept Results

Infrastructure:

- Compact Layout
- All Infrastructure onsite
- Location identified for Ph 2 oxidation pad
- Final Pad Sized for 100% of Intrusive

Proof of Concept Results:

- Sulphide Oxidative Leach
 - 30% oxidized in 128 days
- Cyanide Leach Precious Metal Recovery
 - Fast initial gold and silver extraction
 - Gold Recovery almost 60%
 - Silver Recovery over 50%



Metates 2021 PEA

Financial Summary



- **2021 PEA: Smaller expandable ‘starter’ project**
- **LOM Operating Cash Flow: C\$3.5bn**
- **Avg. Operating Cash Flow: C\$110mm**
- **Highlight’s sulphide heap-leach economic potential**
- Significant opportunity for Chesapeake to invoke a paradigm shift in the precious metals industry and enhance the project economics of additional sulphide orebodies globally

LOM Metrics (Base Case)		
Initial Capex	US\$mm	359
Sustaining (incl. Closure) Capex	US\$mm	176
Throughput	K tpd	15
Gold Grade	g/t	0.76
Silver Grade	g/t	15.71
Gold Recovery	%	70
Silver Recovery	%	75
Mine Life	(years)	31
Avg. Gold Production (Yr. 1-15)	K oz	112
Avg. Silver Production (Yr. 1-15)	K oz	2,493
Avg. Au-Ag Eq. Production (Yr. 1-15)	K oz	147
LOM Operating Strip Ratio	W:O	2.22
LOM Cash Costs	US\$/oz Au	686
LOM AISC	US\$/oz Au	749

Pre-Tax Economic Indicators	
Metal Price Assumptions	Base Case
Gold (US\$/oz.)	\$1,600
Silver (US\$/oz.)	\$22
NPV @ 5% (US\$mm) ¹	US\$1,427
IRR (%)	35%
Payback (years)	2.5

Source: Metates Sulphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023.
 1 USD = 1.25 CAD.

- **Compelling project economics & significant leverage to gold and silver prices**

Table 1: C\$mm Pre-Tax NPV_(5%) Sensitivity Analysis: Au & Ag Prices

		Gold Price (US\$/oz)				
		1,400	1,600	1,800	2,000	2,200
Silver Price (US\$/oz)	20	\$1,005	\$1,345	\$1,685	\$2,025	\$2,365
	22	\$1,087	\$1,427	\$1,767	\$2,107	\$2,447
	24	\$1,169	\$1,509	\$1,848	\$2,188	\$2,528
	26	\$1,250	\$1,590	\$1,930	\$2,270	\$2,610
	28	\$1,332	\$1,672	\$2,012	\$2,352	\$2,691

Table 2: Pre-Tax IRR Sensitivity Analysis: Au & Ag Prices

		Gold Price (US\$/oz)				
		1,400	1,600	1,800	2,000	2,200
Silver Price (US\$/oz)	20	28%	33%	38%	42%	47%
	22	30%	35%	40%	45%	49%
	24	33%	38%	43%	47%	52%
	26	35%	41%	46%	50%	55%
	28	38%	43%	48%	53%	57%

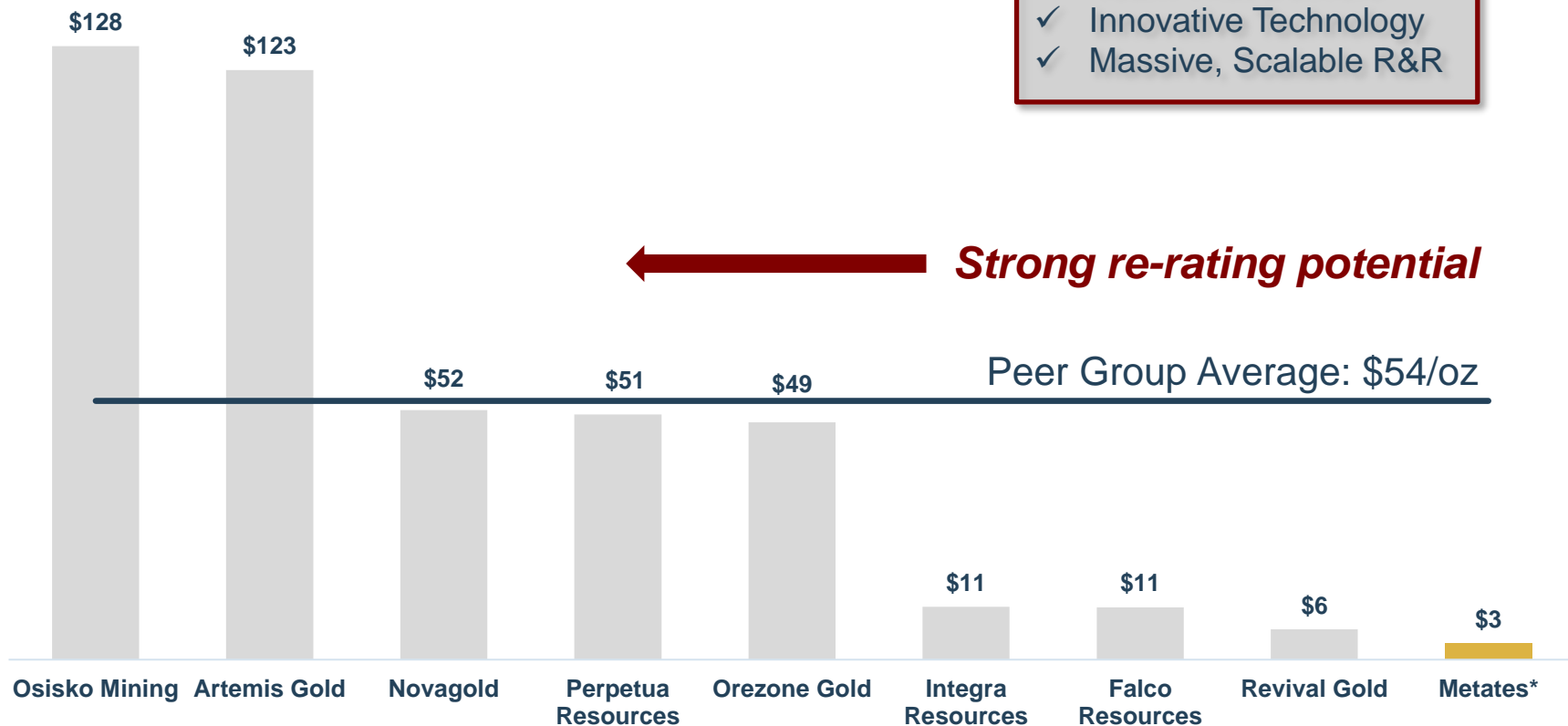
Chesapeake Gold

Significantly Undervalued



Enterprise Value / Au-Ag Equivalent oz (US\$)

- ✓ Team That Delivers
- ✓ Innovative Technology
- ✓ Massive, Scalable R&R



Source: Company Disclosures
 Gold-Silver Equivalent calculated at US\$1,600/oz Au, US\$22/oz Ag.
 * Excludes Talapoosa resource.

AuEq. Ounces per Common Share Outstanding



Source: Company Disclosures
Gold-Silver Equivalent calculated at US\$1,600/oz Au, US\$22/oz Ag.
* Excludes Talapoosa resource.

Chesapeake Gold

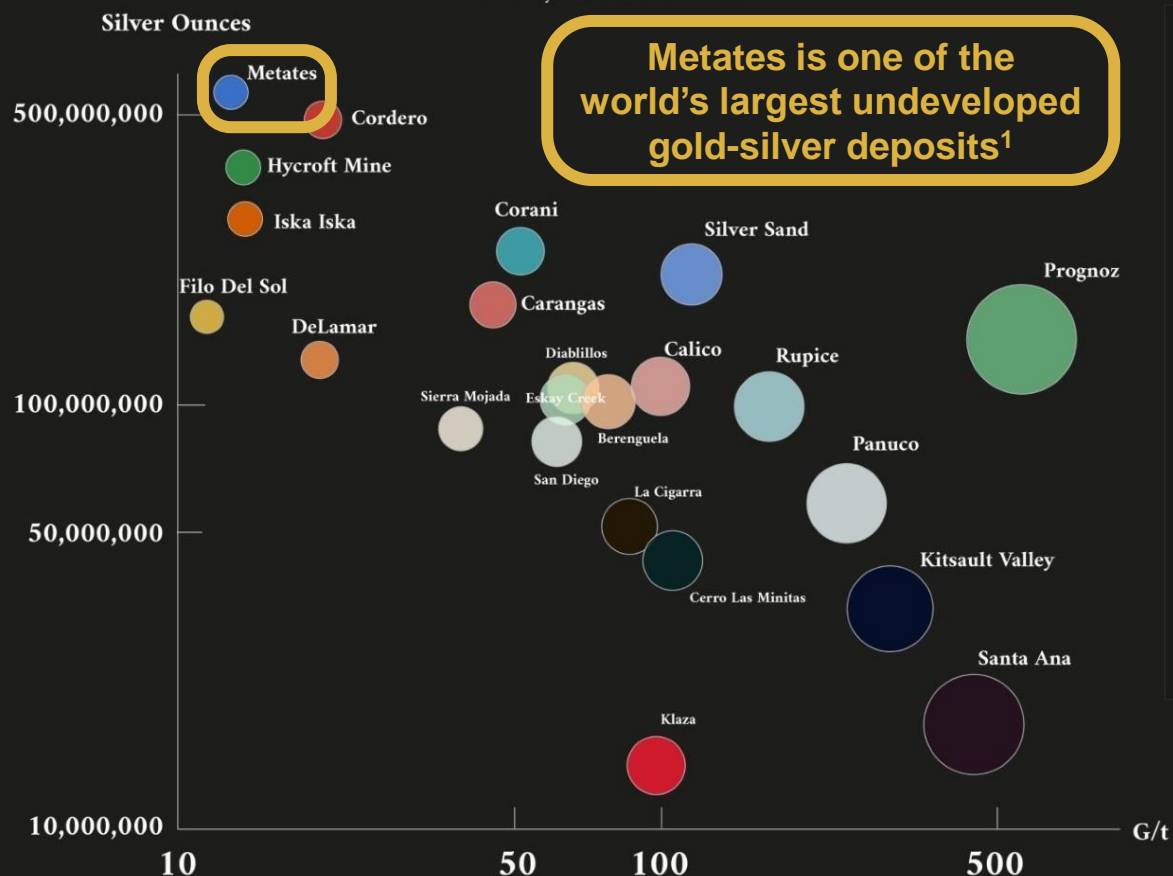


Added to the Nasdaq Metals Focus Silver Miners Index

- Chesapeake recently joined its first index, our selection to this silver index is further recognition of our progress and achievements at Metates

Silver Development Stage Projects

Silver Only - Bubble Size = Grade



PROJECT NAME	CATEGORY	OUNCES	GRADE (G/T)	TONNAGE
METATES	M&I	542 M	12.9	1302.0 M
CORDERO	M&I	467 M	20.0	716.0 M
HYCROFT MINE	M&I	361 M	13.7	819.2 M
ISKA ISKA	INFERRED	273 M	13.8	560.0 M
CORANI	P&P	229 M	51.3	138.6 M
SILVER SAND	M&I	202 M	116.0	54.3 M
CARANGAS	M&I	171 M	45	119.2 M
FILO DEL SOL	M&I	160 M	11.5	432.6 M
PROGNOZ	P&P	142 M	560.0	7.9 M
DELAMAR	M&I	127 M	19.7	200.0 M
CALICO	M&I	110 M	100.0	34.2 M
DIABLILLOS	M&I	109 M	66.0	51.3 M
ESKAY CREEK	M&I	103 M	63.6	50.1 M
BERENGUELA	M&I	101 M	78.0	40.1 M
RUPICE	M&I	99 M	168.0	21.1 M
SIERRA MOJADA	M&I	87 M	38.6	70.4 M
SAN DIEGO	INFERRED	82 M	61.0	41.8 M
PANUCO	M&I	58 M	243.0	7.5 M
LA CIGARRA	M&I	51 M	86.3	18.5 M
CERRO LAS MINITAS	M&I	43 M	106.0	12.5 M
KITSAULT VALLEY	M&I	33 M	299.0	3.4 M
SAN DIEGO	M&I	30 M	57	16.2 M
SANTA ANA	M&I	18 M	446.0	1.2 M
KLAZA	M&I	14 M	98.0	4.5 M



1. Mexico's biggest undeveloped gold deposits Published: Bnamericas -Tuesday, November 24, 2020

Source: Mining Visuals (Development stage only, >10g/t silver)

Chesapeake Gold

Summary and Upcoming Catalysts

Lucy Project – Sinaloa, Mexico



New oxide gold discovery starting at surface



Mineralized skarn has been delineated over 500m and is still open along strike and at depth¹

Metates – Durango, Mexico



One of the world's largest undeveloped gold-silver deposits²



High-grade core confirmed in 2022



Long-life asset with 31 years



Low-cost project build that is financeable and deliverable



Scaleable operation with expansion potential

Chesapeake Gold Corp.



Well funded with C\$18M in the treasury



Supportive Shareholders: Eric Sprott, Sun Valley & Management own >40% equity interest



Compelling Valuation: Trading at <\$3.00/oz on an EV/oz basis

Oxidative Leach Technology



Faster Oxidative solution Identified in 2023



Unlocks global refractory gold deposits



Less capital-intensive technology



Reduces the environmental footprint of assets (i.e. water, power, CO₂, no tailings)



Generates Green Gold



As a competitive advantage as it's a novel technology

Upcoming Catalysts



Follow-up exploration at Lucy expected in 2024



Completion of Phase 3 Oxidative Leach metallurgical work expected in H1/24



Post phase 3 metallurgy work, delivery of a Metates Prefeasibility study expected in H2/24



Submission of Metates permitting application expected in H2/24



Resolution on the San Vicente 3 concession

1. Lucy project exploration news release dated October 3, 2023.

2. Mexico's biggest undeveloped gold deposits Published: Bnamericas -Tuesday, November 24, 2020.

3. Metates updated resource estimate news release dated February 22, 2023.

Appendix



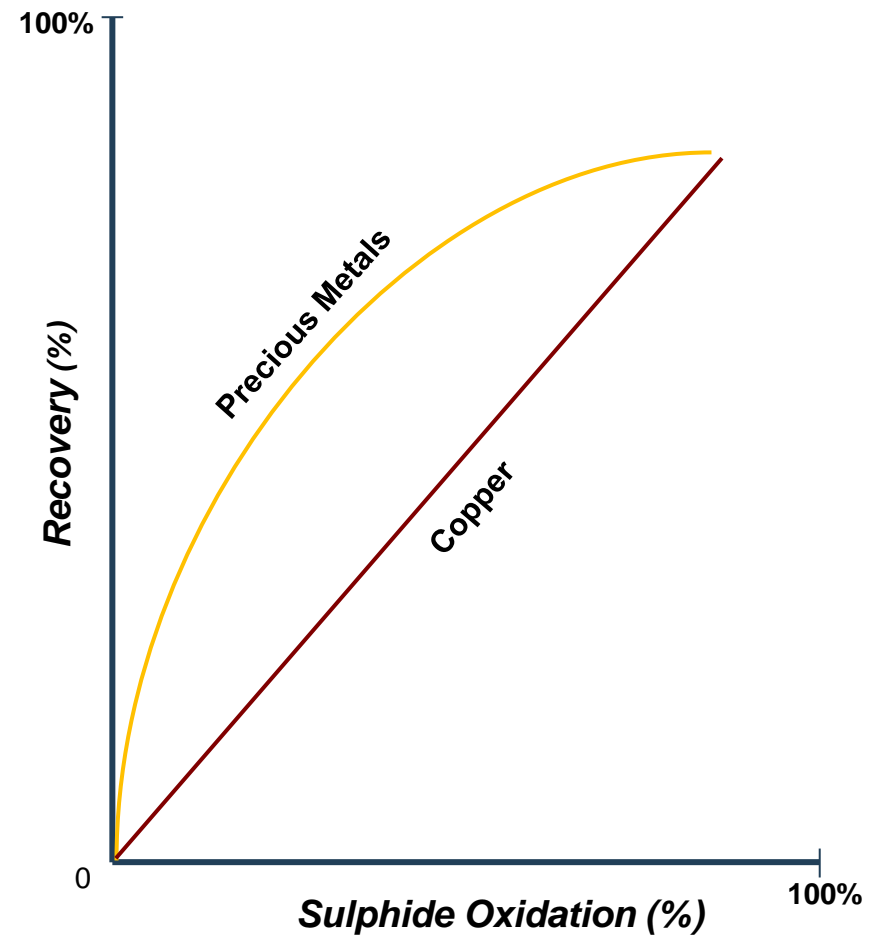
METATES

Mexico's Largest Undeveloped Gold and Silver Deposit¹

1. Mexico's biggest undeveloped gold deposits Published: Bnamericas -Tuesday, November 24, 2020

Precious Metal vs Copper Heap Leach Process¹

- **With the oxidation process, a key variable is the relationship between % of sulphides oxidized and final Au / Ag recoveries**
 - High levels of oxidation required to achieve economic levels of metal recovery would have meant higher costs due to more time and reagent consumption
- **For precious metals locked in sulphides, testing has observed a positive non-linear relationship exists between oxidation and recoveries**
 - Versus copper, where % recoveries are generally in line with % oxidation levels
- **Silver**
 - Test work indicates good silver recoveries
 - Silver constitutes a significant amount of Metates' in-situ resource value

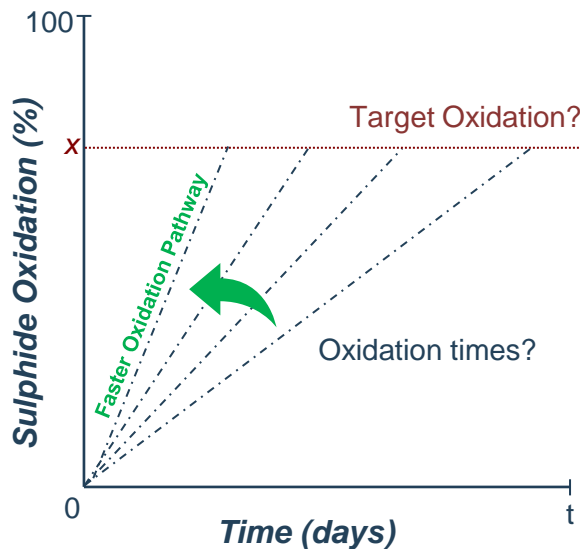


1. Illustration for explanation purposes only, does not indicate expected oxidation and recovery relationship for Metates.

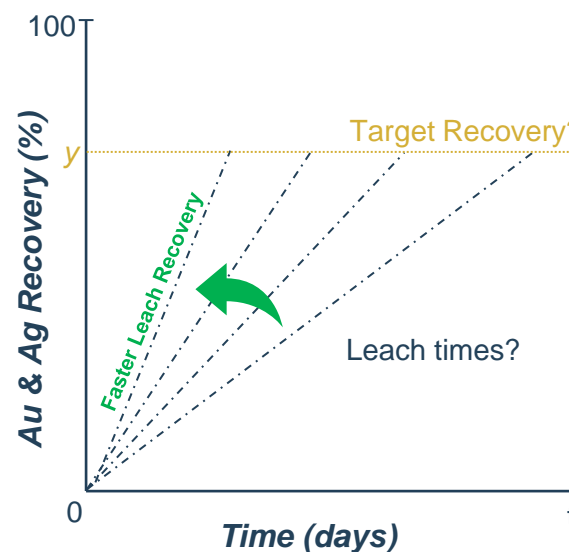
Metates Testwork and Future Oxidation Studies

- Preliminary testing confirms Metates mineralization oxidizes and releases gold and silver enabling metal recoveries in a typical CN / lime Heap Leach
 - Going forward, full test work program with fresh material is planned to determine appropriate operation conditions for prefeasibility study and feasibility study parameters
- Significant testing on various zones to be conducted over 18-24 months to determine target oxidation times and expected precious metal recoveries in an industrial installation

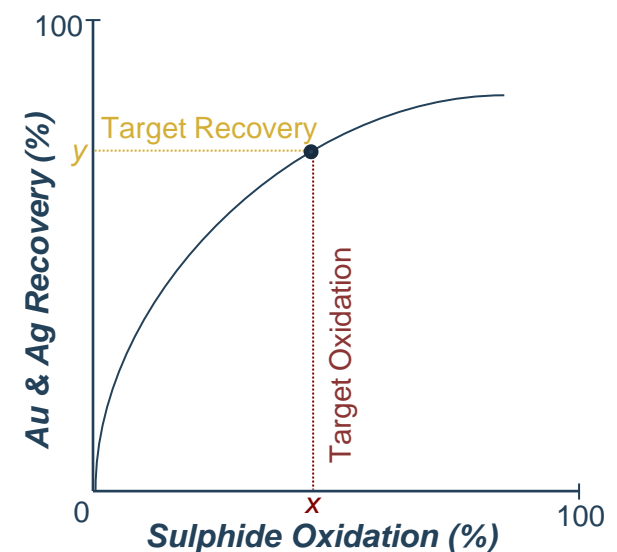
A) Understand oxidation curves



+ B) Understand leach curves on oxidized material



= C) Final process design parameters



Metates 2021 PEA

Capital Cost Improvements

■ Dramatically Lower Capital Cost:

- A ~90% reduction in capex when compared to the 2016 PFS
- A smaller expandable 15k tpd 'starter'
- Compact site focused layout
- Power from nearby powerline
- Local water source

Summary of Capital Costs (US\$000's)	
Metates Site:	
Mining Equipment & Mine Development	\$18,713
Crushing & Conveying	\$36,104
Ponds & Pads	\$28,404
Reagent/Regeneration System	\$11,677
Merrill-Crowe & Refinery	\$9,124
Subtotal	\$104,022
Infrastructure:	
General Site/Earthworks/Access Roads	\$106,069
Electric Power	\$7,851
Water Supply	\$7,380
Ancillaries & Buildings	\$11,121
Subtotal	\$132,421
Freight, Taxes & Duties	\$4,060
Total Direct Field Cost	\$240,503
Indirects-EPCM, Commissioning & Spares	\$32,047
Total On Site Constructed Cost	\$272,550
Contingency	\$63,459
First Fills	\$6,000
Owner's Cost	\$17,200
Total Capital Cost	\$359,209

Source: Metates Suphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023.

Metates 2021 PEA

Summary Operating Cost



	LOM Average Cost US\$/t processed	LOM US\$/Au Oz.
Metates Site		
Mining (including rehandle and equipment lease costs)	\$7.51	\$441.70
Processing (Crushing, Stacking, Oxidation, Leach, Merrill-Crowe)	\$8.05	\$473.65
Site Support	\$1.41	\$82.69
Profit Sharing	\$1.32	\$77.74
Total Operating Cost	\$18.29	\$1,075.78
Royalties (0.5% NSR & 7.5% Gov't EBITDA Royalty)	\$1.45	\$85.35
Doré Treatment Charges	\$0.17	\$10.15
By-Product Credit (Silver)	(\$8.25)	(\$485.31)
Total Cash Cost	\$11.66	\$685.97
Sustaining Capital, Reclamation & Closure	\$1.06	\$62.49
All-In Sustaining Cost ("AISC")	\$12.72	\$748.46

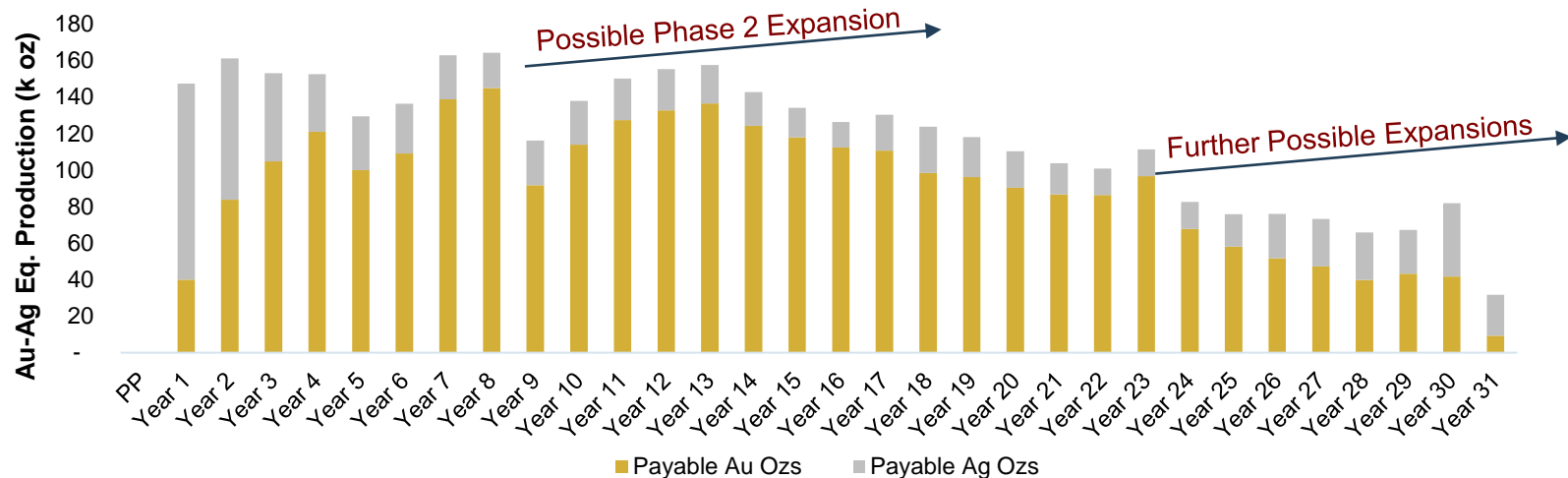
Source: Metates Sphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023.
 Note: Cash costs and AISC are non-GAAP financial measures. Please see "Cautionary Note Regarding Non-GAAP Measures" in July 26, 2021 Chesapeake press release.

Metates 2021 PEA

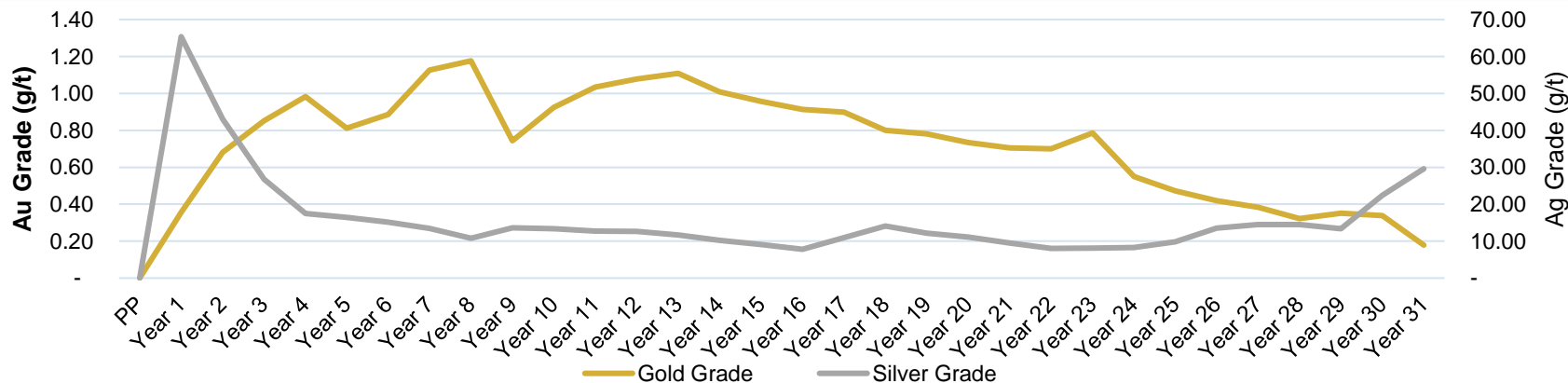
Phase 1 Production Profile



Gold-Silver Equivalent Production Profile



Gold-Silver Grade Profile



Source: Metates Suphide Heap Leach Project Phase 1, Amended NI 43-101 Technical Report Preliminary Economic Assessment with an effective date of December 15, 2022, and dated January 13, 2023

Management

P. Randy Reifel

Executive Chairman, 36 years experience

Jean-Paul Tsotsos

Interim Chief Executive Officer, +15 years of experience

Navin Sandhu

Interim Chief Financial Officer

Gary Parkison

VP Development, 38 years experience

Alberto Galicia

VP Exploration, 20 years experience

Directors

P. Randy Reifel

Former Francisco Gold CEO, Glamis and Goldcorp director

Alan Pangbourne

Former Chesapeake Gold and Guyana Goldfields CEO; SSR Mining COO; Kinross, BHP

Randy Buffington

CEO of Nevada Copper; Hycroft, Coeur d'Alene, Barrick Gold

Doug Flegg

Former Managing Director, Global Mining Sales, BMO Capital Markets

Lian Li

International Business Consultant

Chris Falck

Chartered Accountant, Independent Consultant

John Perston

Consulting Geologist, former Francisco Gold director



CHESAPEAKE
GOLD CORP.

For More Information Contact:

Head Office:

Suite 201 – 1512 Yew Street
Vancouver BC V6K 3E4
Phone: +1 778 731 1362

Jean-Paul Tsotsos
Interim Chief Executive Officer
Email: invest@chesapeakegold.com

Mexico Office:

Cerro Blanco #410, Lomas De Sahuatoba
Durango, Mexico, CP 34108
Phone: 52-618-130-2326

Alberto Galicia
Vice President, Exploration
Email: agalicia@chesapeakegold.com

USA Project Office:

1194 Silverheels Drive
Larkspur, Colorado, USA 80118
Phone: 720-308-1113

Gary Parkison
Vice President, Development
Email: gparkison@chesapeakegold.com

www.chesapeakegold.com

CKG: TSX.V

CHPGF: OTCQX