Nevada's Santa Fe Gold Mine: On Track to Production

QB-LGCXF

Precious Metals Summit Beavercreek Presentation

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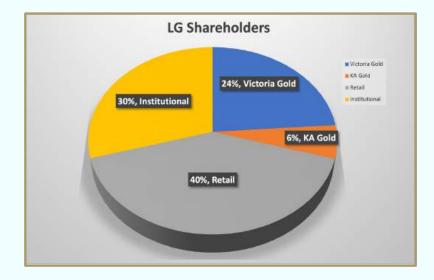
Forward-looking information and statements also involve known and unknown risks and uncertainties and other nances and achievements of the Company to differ materially from any projections of results, performances and achievements of the Company expressed or implied by such forward-looking information or statements. These factors include receipt of certain regu s in connection with the completion of the Transaction; the satisfaction of closing conditions; potential conflicts of interest between the Company and Energy Fuels; the costs associated with bringing any of the projects back in be updated and be verified to be current mineral resources or Mineral Reserves; permitting and regulatory delays; n; risks that historical mine litigation risks; competition from others; market factors, including future demand for and prices realized froi national monuments or through mineral withdrawals; the policies and actions of foreign governments, whic development and expansion plans at the projects discussed herein being met; changes in national and local g ns that could restrict or eliminate the ability to mine on public lands, such as through the creation or expansion of narkets for uranium and vanadium; the Company's expectations in connection with the production and exploration, lation, taxation, co and/or changes in the administration or laws, policies and practices; the impact of general business and economic conditions; fluctuating metal prices; currency exchange rates; the impact of inflation; general risks of the mini to operate as anticipated; unanticipated results of future studies; seasonality and unanticipated weather changes; ilure of p success of exploration activities, permitting timelines, government regulation; environmental risks; unantic

Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The Company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.

The footnotes, endnotes and appendices to this Presentation contain important information.

The Technical information in this presentation has been reviewed by Tony Gesualdo M.S.c., who is a Qualified Person as the ferm is defined in

LAHONTAN GOLD SHARE STRUCTURE



Key Shareholders:

- KA Gold
- ASA
- APAC
- Palos
- Extract Capital
- Goodman

Shares Outstanding	(Shares)	206.2 M		
Market Capitalization	(C \$ M)	Basic: \$12.4 M		
		FD: \$18.0M		
Warrants	14.0M @ 18 cents	72.7M		
	26.4M @ 12 cents	total		
	32.4M @ 10 cents			
Options		20.6M @ 19 cents		
Cash	(C\$M)	\$1.3 M		
Debt	(C\$M)	\$ 0		

\$163

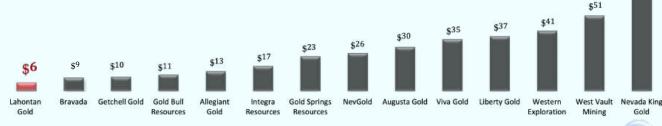


20-day average trading volume: 270,000 shares/day





PROFORMA CAPITALIZATION TABLE



Average \$34 in market capitalization per resource ounce*

*Source: Stockwatch, August 25, 2024; Company disclosure

MANAGEMENT & BOARD



KIMBERLY ANN, FOUNDER, EXECUTIVE CHAIR, CEO, PRESIDENT



BRIAN MAHER, FOUNDER, VICE PRESIDENT – EXPLORATION



JOHN MCNEICE, CHIEF FINANCIAL OFFICER



CHRIS DONALDSON, INDEPENDENT DIRECTOR



JOSH SERFASS, INDEPENDENT DIRECTOR



BOB MC KNIGHT, INDEPENDENT DIRECTOR





LARGE-SCALE GOLD OXIDE DEPOSITS WALKER LANE, NEVADA USA

GOLD & SILVER ASSETS IN THE WALKER LANE



• LOCATED NEXT DOOR TO CANDELIERA SILVER MINE



TSX.V-LG; OTCQB-LGCXF

OXIDE OXIDE OXIDE

WALKERLANE, NEVADA EXTREMELY ACTIVE DISTICT



<u>NEVADA</u>

 \circ # 1 Jurisdiction in the USA

Straight Forward Permitting



SIZE & SCALE

- o +1.66 Million ounces & growing
- District scale land package
- +3M ounce Au endowment...and Growing



EXCELLENT INFRASTRUCTURE

- Year-round access, substation on site, access to three water wells
- $\circ~$ Adjacent to an operating mine

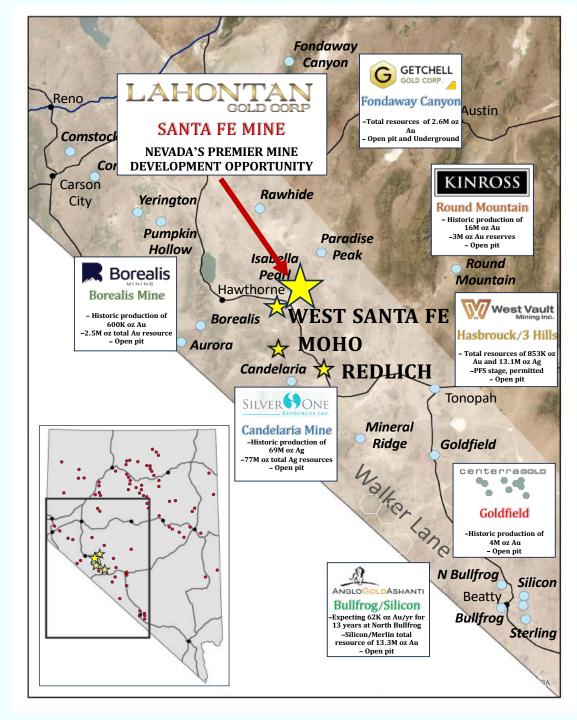
PAST PRODUCER

- Santa Fe Mine was mined from 1988-1994 by Corona Gold
- $\circ~$ LG on track to Production 2026

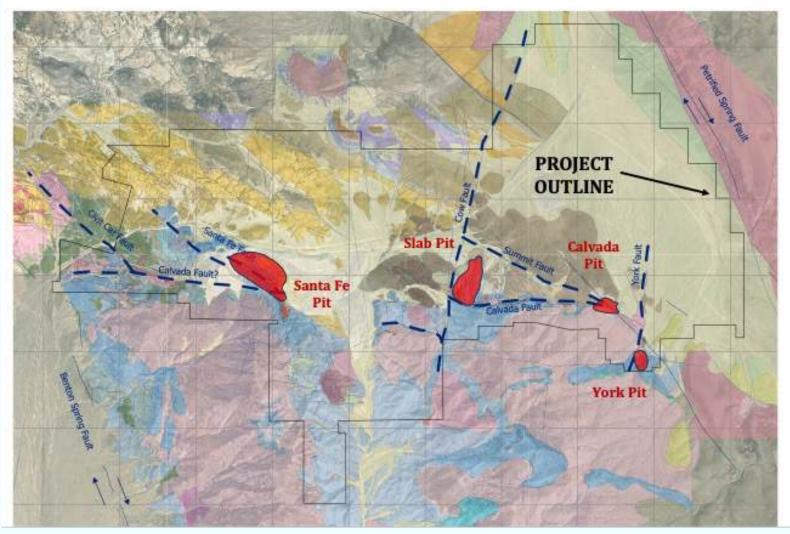


MANAGEMENT & BOARD – PROVEN TRACK RECORD

 Strong support, by Management ownership 10% & High Net Worth Investors



SANTA FE MINE UNIQUE GEOLOGIC SETTING



WHAT TO KNOW SANTA FE MINE

TRIASSIC CALCAREOUS HOST ROCKS

 All five deposits hosted by same rock types (blue)

2 KEY STRUCTURIAL DEMAINS

- $\circ~$ NW, northerly and easterly faults
- All favorable for Au & Ag mineralization

3 OPEN, OPEN, OPEN

 Open between deposits, along strike, and at depth



2023 Mineral Resource Estimate 1.11 Million Ounces Indicated and 0.55 Million Ounces Inferred Pit Constrained Resource*



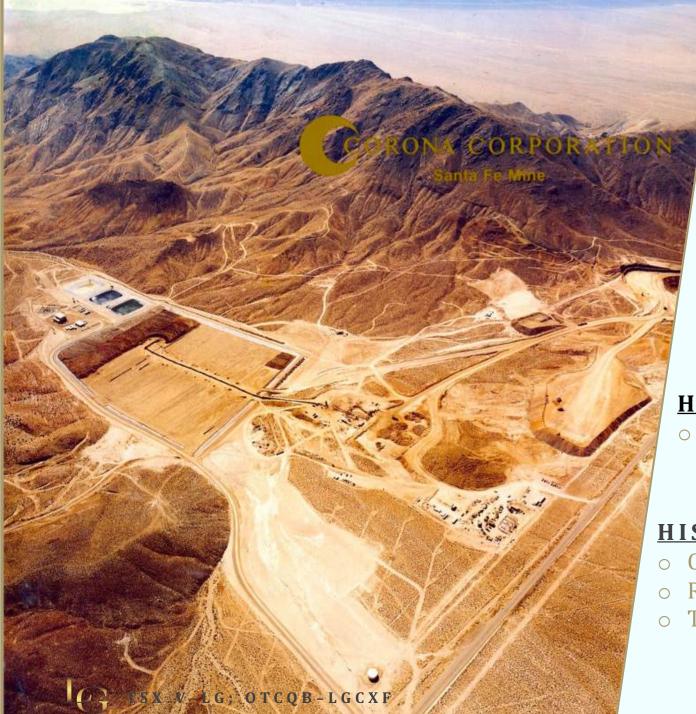
SANTA FE LAND PACKAGE & NEIGHBORS

*Please see Appendix One for detailed Mineral Resource Estimate.



100% Controlled SANTA FE MINE Five Known Deposits





HISTORIC MINING 1988-1994

MINED BY CORONA GOLD

HISTORIC PRODUCTION BREAKDOWN

- o 356,000 ounces Au
- 784,000 ounces of Ag (NV Div. of Minerals, www.ndomdata.com)

HISTORIC RECOVERIES PROJECT WIDE

Project wide gold recoveries of 74.4% for gold and 29.0% for silver at a ½-inch crush size

HISTORIC MINE PRODUCTION TOTALS

- $\circ~$ Crushed rock and run of mine 11.5M tons @ 1.18 g/t Au
- \circ ROM 4.4M tons @ 0.56 g/t
- Total leached rock is 15.9M tons



WHAT TO KNOW SANTA FE MINE

SANTA FE PIT OXIDE, OXIDE

- Significant oxide left in the to be mined
- \circ 0.9 g/t Oxide Gold with low strip

COMPOTENT WALL ROCK

- 50 Degree Pit Slopes
- Mineralization crops out in the pit bottom and high-wall

WELL ABOVE THE WATER 3 TABLE

Oxide material extends well below the current pit



Shallow Oxide: 23.9m grading 0.90 Au Eq in SF21 004C

SANTA FE DEPOSIT SIGNIFICANT OXIDE REMAINING IN HIGH-WALL

SANTA FE FAULT

SLAB CALVADA COMPLEX

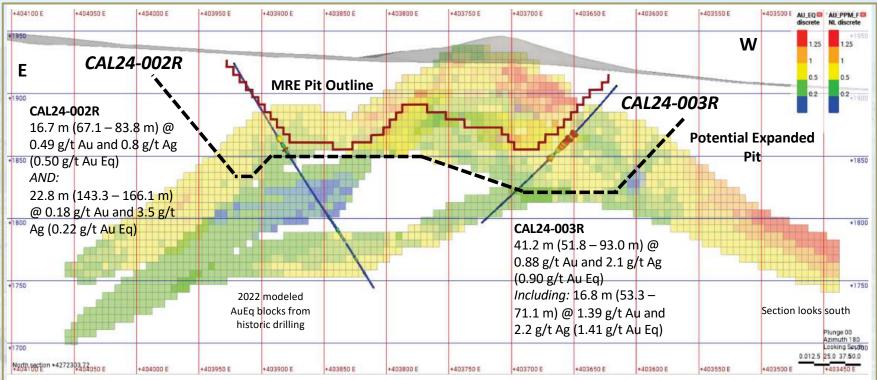
PREVIOUSLY MINED PITS MINED BY CORONA GOLD FROM 1988-1994

Phase One Drill Results Slab-Calvada

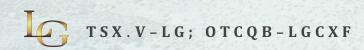
KEY HIGHLIGHTS

SLAB-CALVADA COMPLEX

- 41.2 metres grading 0.88 g/t Au &
 2.1 g/t Ag (0.90 g/t Au Eq) of very shallow oxide:
 - CAL24-003R including 16.8 metres grading 1.39 g/t Au and 2.2 g/t Ag (1.41 g/t Au Eq)
- 2 Significant widths of oxide gold and silver mineralization expands the conceptual pit shell
- 3 Reinterpretation of the block model will increase grade between the current pit shell (red) and the potential new pit shell (black)



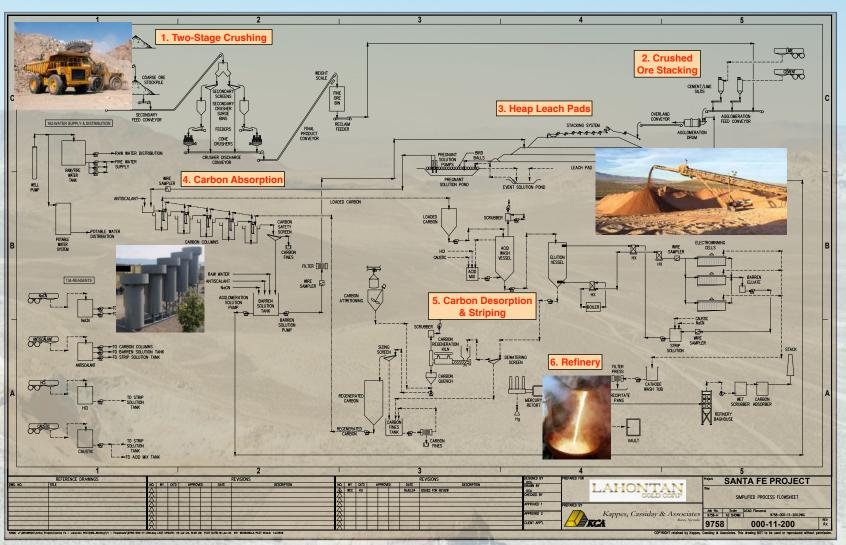
Cross section through drill holes CAL24-002R and 003R



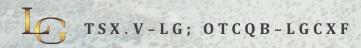
Met Testing Results-Optimize Flow Sheet

KEY HIGHLIGHTS SANTA FE MINE

- 1 <u>CN-soluble gold analyses</u> show potential at Calvada highlight opportunities to increase gold recovery: 91.5% CN-soluble gold reported vs. previously estimated gold recoveries of 71%
- 2 <u>York samples</u> also demonstrated upside in gold recoveries, with up to 91.0% CNsoluble gold, and averaging 78.4%
- 3 Preg Robbing Potential: only three of 205 samples analyzed exhibited aggressive preg robbing potential

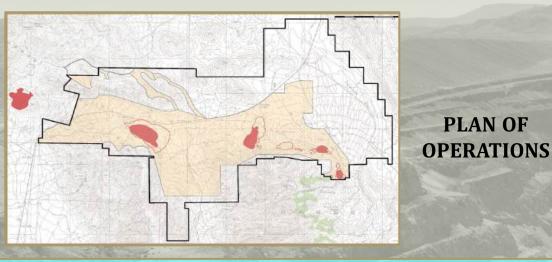


Preliminary flow sheet



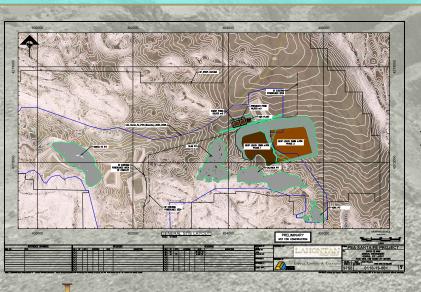


SANTA FE MINE – PATH WAY TO PRODUCTION PLAN OF OPERATION & MINE PLAN OF OPERATION



- Advanced Permitting Process covers 12.2 km² area
- Permit will cover 50% of Land Package with over 700 Permitted Drill Holes
- Massive potential to grow resource through the drill bit

BOTH PERMITS RUN IN PARALLEL OF EACH OTHER

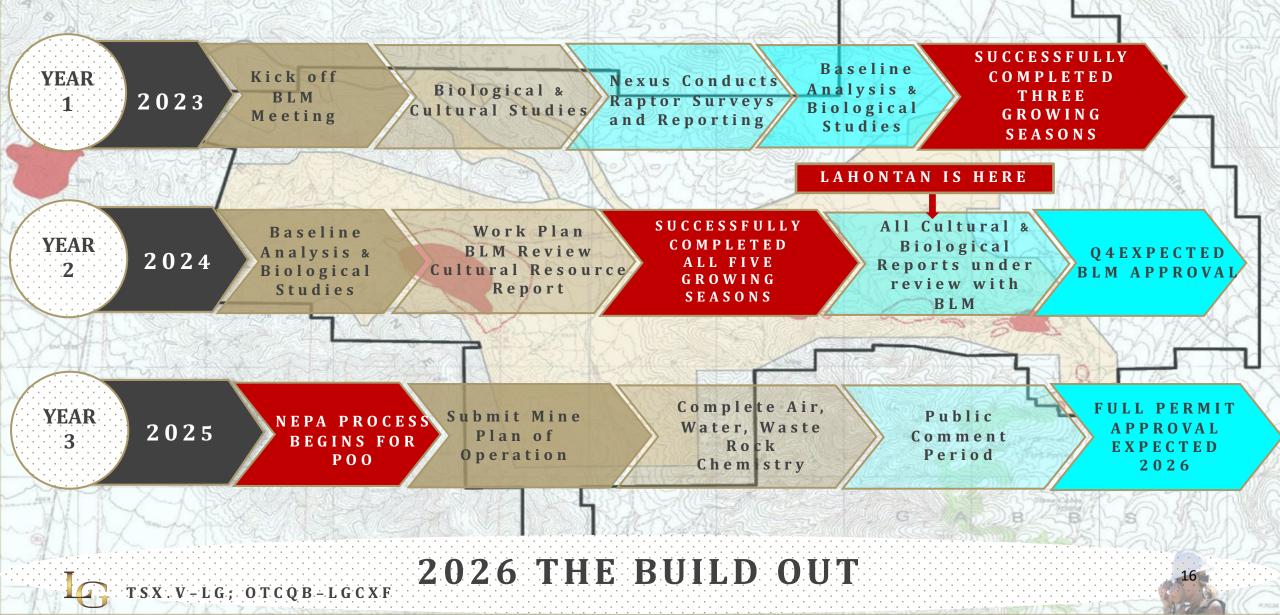


MINE PLAN OF OPERATIONS

- Mine POO regulated by BLM, runs in parallel to Exploration POO, covers siting of mine facilities
- State permitting through NDEP covers air, water, waste rock characterization; simultaneous with BLM permitting
- Targeting permit to build 2026



SANTA FE MINE – PATH WAY TO PRODUCTION PLAN OF OPERATION & MINE PLAN OF OPERATION RUN IN PARALLEL



WEST SANTA FEOUR NEW SATELLITE ASSET

WEST SANTA FE OXIDE OXIDE OXIDE

Santa Fe

W Santa Fe

WHAT TO KNOW WEST SANTA FE

LOCATION LOCATION LOCATION

- Located only 13 km west of the Flagship Santa Fe Mine
- District Scale Land Package

SIGIFICANT HISTORIC DATABASE

 Outlines a shallow oxide Au & Ag deposit of + 0.5–1.0M ounces starting at surface*

SANTA FE LOOK-A-LIKE

 Open-pit mining configuration with low-cost potential as a satellite to Santa Fe

LOW COST OPTION AGREEMENT TO ACQUIRE 100% OF THE PROPERTY

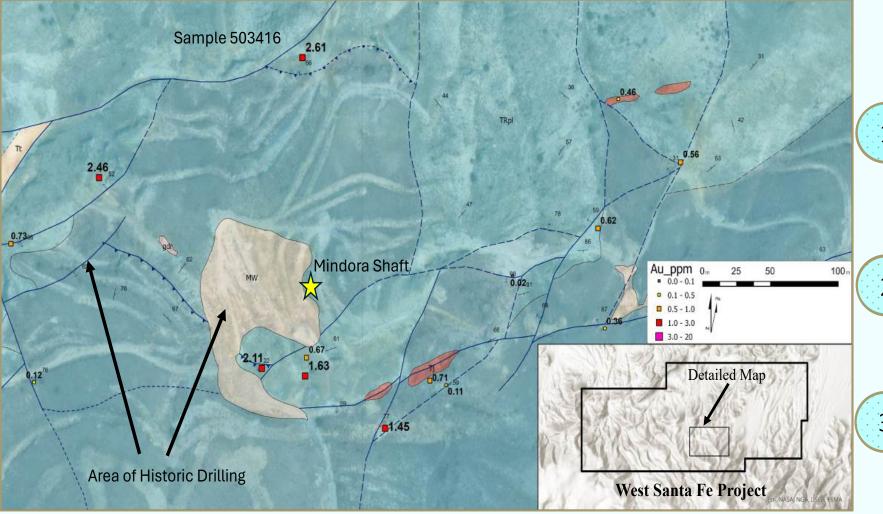
- Back-end loaded payments for seven years can be made with combination of shares and cash
- Total buyout \$1.8M

3

• Total expenditures over seven years \$1.4M sufficient to define maiden mineral resource estimate

*The exploration target at West Santa Fe is conceptual in nature and is based on the size of the known mineralized zones, and gold and silver grades from historical drilling. The qualified person has not completed sufficient work to verify the historical information on West Santa Fe and this information should not be relied on.

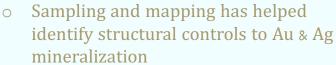
WEST SANTA FE HIGH-GRADE SURFACE SAMPLING



Gold grades in g/t are shown against a backdrop of mapped fault structure. Note that the highest grades encountered are adjacent to the areas of historic drilling and expand the potential target size at West Santa Fe.

WHAT TO KNOW WEST SANTA FE

WELL DEFINED STRUCTURE



Intersections of northeast striking 0 high-angle faults and low-angle thrust faults are key controls



ROCK CHIP SAMPLES

Contains up to 2.61 g/t Au and 899 g/t Ag (14.60 g/t Au Eq



HIGH GRADE SILVER

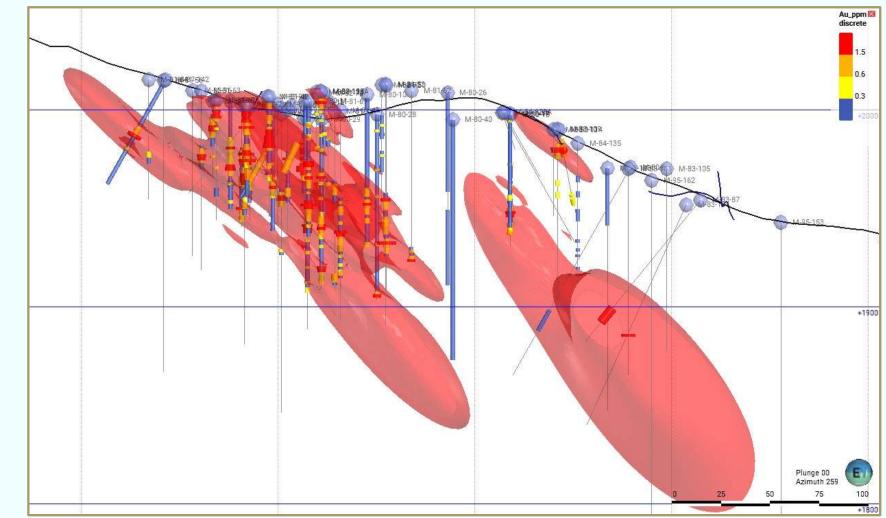
Historic drilling underscore the importance of Ag at West Santa Fe



TSX.V-LG; OTCQB-LGCXF

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WEST SANTA FE EXCELLENT RESOURCE GROWTH POTENTIAL



*The exploration target at West Santa Fe is conceptual in nature and is based on the size of the known mineralized zones, and gold and silver grades from historical drilling. The qualified person has not completed sufficient work to verify the historical information on West Santa Fe and this information should not be relied on.

WHAT TO KNOW WEST SANTA FE

1) DRILLING TO DATE

- Au & Ag begins at surface
- Mineralization continues down-rake
- All Oxide!!!

3

20

0.31 G/T AU SHELL OUTLINE

- Look alike to Santa Fe
- Possible low-cost satellite operation
- Historic drilling shows a large mineralized system of Au & Ag^{*}

PLANNED DRILL PROGRAM

o 3000 metres of drilling planned

TSX.V-LG; OTCQB-LGCXF

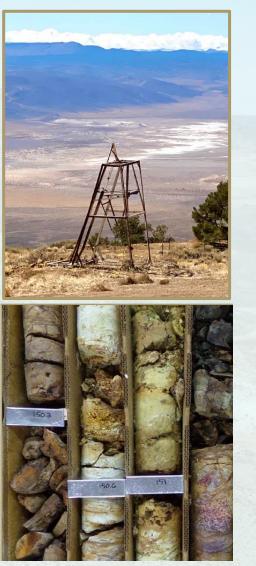
• Maiden resource planned

Moho and Redlich

Moho High Grade Au & Ag

- Large land package 11 square km, 35 km SW of Santa Fe, 100% owned by Lahontan
- High-grade, oxidized Tertiary Au-Ag-Pb-Zn epithermal veins
- Mining in the 1930's had grades from 20–25 g/t Au and 300 g/t Ag
- Core drilling in 2019 confirmed high grade Au and Ag at depth.







Redlich Disseminated Ag

- Located 45 km south of Santa Fe.
- Disseminated Ag hosted by Tertiary age epithermal veins and stockwork.
- Drilling in 2018 discovered thick zones of disseminated Au and Ag mineralization hosted by hydrothermal breccia.
- On strike with the Candelaria open pit Ag mine and is completely untested.



LAHONTAN GOLD CORP

TSX.V: LG | OTCQB: LGCXF

CORPORATE OFFICE 80 Richmond Street West Suite 204 Toronto, ON M5H 2A4, Canada Telephone: 1.613.692.7704

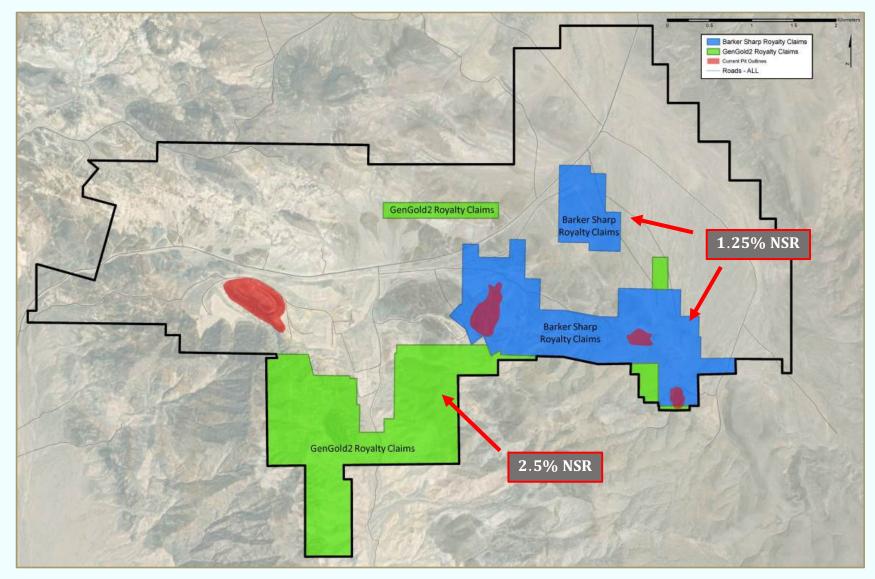
FIELD OFFICE 364 E Street Hawthorne NV 89415 United States Telephone: 1.775.945.6140

Appendix – Santa Fe Mine Royalties

26.4 km² Land Package

- 389 unpatented lode mining claims
- 67 unpatented mill site clams
- o 24 patented lode mining claims
- Except for 45 optioned unpatented lode mining claims, all mining claims are 100% owned by Lahontan

Over 85% of known resources unencumbered by royalties



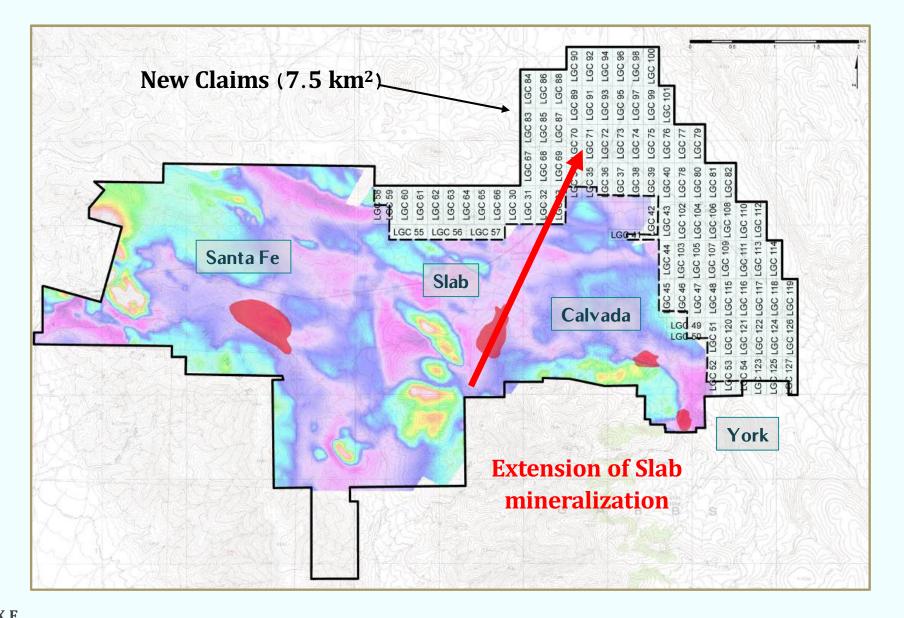
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SANTA FE MINE PROJECT NOW 26.4km²

WHAT TO KNOW SANTA FE MINE

NEW UNPATENETED LODE CLAIMS:

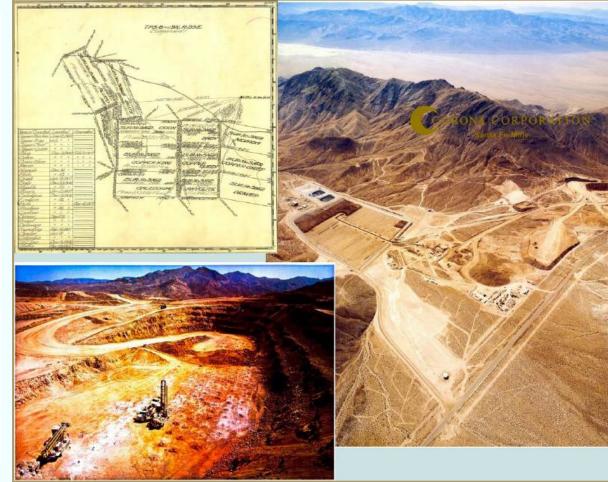
- 98 unpatented lode mining claims cover potential extensions to Slab Au & Ag resources
- New claims acquired by lowcost staking cover 7.5 km².
- Flat terrain ideal for heap leach pads and mine infrastructure



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Appendix Santa Fe Mine History

Company	Ownership Event	Year
Cordero Mining Co.	Original Staking	1960
Callahan Mining Co.	Option Agreement	1968
Bell Mountain Silver Mines	Option Agreement	1971
Westley Mines Ltd.	Option Agreement	1971
Bethlehem Mines	Option Agreement	1974
Westley Mines Ltd.	Option Dropped by Bethlehem	1978
Inco	Option Agreement	1978
Westley Mines Ltd.	Option Dropped by Inco	1978
Ventures West Mineral Ltd.	Takeover of Westley Mines Ltd.	1981
Lacana Gold Inc.	Joint Venture with Brican Resources and Westley Mines Ltd.	1983
Lacana Gold Inc.	Consolidation of Brican – Westley JV	1986
Corona Gold Corp.	Takeover of Lancana Gold Inc. and CoCa-Amax JV	1989
Homestake Mining	Merger between Corona Gold Corp. and Homestake Mining	1992
Barrick Gold Corp.	Merger between Homestake Mining and Barrick Gold Corp.	2001
Gateway Gold Corp.	Option Agreement	2008
Victoria Gold Corp.	Merger between Gateway and Victoria Gold Corp.	2008
Victoria Gold Corp.	Property transfer agreement with Barrick	2012
Lahontan Gold Corp.	Victoria Sale of Gateway Gold Subsidiary to Lahontan	2020



Appendix – Santa Fe Mine Mineral Resource Estimate

Table One: Project-wide Resources, Santa Fe Mine, Mineral County, Nevada

Resource Classification	Deposit	Ore Type	Cut-off Grade	Tonnes	Gold	Contained Gold	Silver	Contained Silver	Gold Equivalent	Contained Gold Equivalent
			(Au Eq., g/t)	(kt)	(Au, g/t)	(Au k.oz.)	(Ag, g/t)	(Ag k.oz.)	(Au Eq., g/t)	(Au Eq. k. oz.)
	Santa Fe	Oxide	0.25	16,274	1.01	529	9.51	4,977	1.10	573
		Non-Oxide	0.60	8,792	1.27	360	11.36	3,210	1.41	399
	Slab	Oxide	0.25	4,000	0.74	95	3.05	392	0.76	98
		Non-Oxide	0.60	-	-	-	-	-	0.00	-
Indicated	Calvada East	Oxide	0.25	1,314	0.94	40	1.87	79	0.95	40
		Non-Oxide	0.60	21	1.08	1	0.78	1	1.09	1
	Total	Oxide	0.25	21,587	0.96	664	7.85	5,448	1.03	712
	IOtal	Non-Oxide	0.60	8,813	1.27	360	11.33	3,211	1.41	400
	Total			30,400	1.05	1,024	8.86	8,658	1.14	1,112
	Santa Fe	Oxide	0.25	7,462	0.74	177	4.28	1,027	0.77	186
		Non-Oxide	0.60	5,863	1.45	273	4.08	768	1.50	283
	Slab	Oxide	0.25	290	0.52	5	5.22	49	0.57	5
		Non-Oxide	0.60	-	-	-	-	-	-	-
	Calvada East	Oxide	0.25	39	0.85	1	2.70	3	0.88	1
		Non-Oxide	0.60	-	-	-	-	-	-	-
Inferred	York	Oxide	0.25	1,094	0.72	25	0.48	17	0.73	26
		Non-Oxide	0.60	-	-	-	-	-	-	-
	Calvada Central	Oxide	0.25	2,256	0.57	42	3.54	256	0.61	44
		Non-Oxide	0.60		-	-	-	-	-	-
	Total	Oxide	0.25	11,141	0.70	250	3.78	1,352	0.73	262
		Non-Oxide	0.60	5 <i>,</i> 866	1.45	274	4.07	768	1.50	283
	Total			17,007	0.96	523	3.88	2,121	1.00	545

28 TSX.V-LG; OTCQB-LGCXF

Appendix - Continued

Table Two: Project-wide Oxide Resources, Santa Fe Mine, Mineral County, Nevada

Resource Classification	Deposit	Ore Type	Cut-off Grade	Tonnes	Gold	Contained Gold	Silver	Contained Silver	Au Eq.	Contain Gold Equivalent
			(Au Eq., g/t)	(kt)	(Au <i>,</i> g/t)	(Au k.oz.)	(Ag, g/t)	(Ag k.oz.)	(Au Eq., g/t)	(Au Eq. k. oz.)
Indicated	Santa Fe	Oxide	0.25	16,274	1.01	529	9.51	4,977	1.10	573
	Slab			4,000	0.74	95	3.05	392	0.76	98
	Calvada East			1,314	0.94	40	1.87	79	0.95	40
	Total			21,587	0.96	664	7.85	5,448	1.03	712
Inferred	Santa Fe	Oxide	0.25	7,462	0.74	177	4.28	1,027	0.77	186
	Slab			290	0.52	5	5.22	49	0.57	5
	Calvada East			39	0.85	1	2.70	3	0.88	1
	York			1,094	0.72	25	0.48	17	0.73	26
	Calvada Central			2,256	0.57	42	3.54	256	0.61	44
	Total			11,141	0.70	250	3.78	1,352	0.73	262

Notes to Tables One and Two:

1. Mineral Resources have an effective date of December 7, 2022. The Mineral Resource Estimate for the Santa Fe Mine was prepared by Trevor Rabb, P.Geo., of Equity Exploration Consultants Ltd., an independent Qualified Person as defined by NI 43-101.

2. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. Inferred Resources are considered too speculative geologically to have economic considerations applied to them that would enable them to be classified as Mineral Reserves. An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that most of the Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

3. Resources are reported in accordance with NI43-101 Standards of Disclosure for Mineral Projects (BCSC, 2016) and the CIM Definition Standards for Mineral Resources and Mineral Reserves (CIM, 2014). 4. Mineral Resources were estimated for gold and silver using a combination of ordinary kriging and inverse distance cubed within grade shell domains.

5. Mineral resources are reported using a cut-off grade of 0.25 g/t AuEq for oxide Resources and 0.60 g/t AuEq for non-oxide Resources. AuEq for the purpose of cut-off grade and reporting the Mineral Resources is based on the following assumptions gold price of US\$1,770/oz gold, silver price of US\$22.00/oz silver, and oxide gold recoveries ranging from 77% to 60%, oxide silver recoveries ranging from 40% to 55% and non-oxide gold and silver recoveries of 71%.

6.An optimized open-pit shell was generated using Lerchs-Grossman algorithm to constrain the Mineral Resources utilizing the following parameters: gold price of US\$1,770/oz gold, silver price of US\$22/oz silver, gold selling costs of US\$56/oz gold, and silver selling costs of US\$3/oz silver. Mining costs for ore and waste of US\$2.20/t, crushing cost of US\$2.71/t, processing cost (oxide) US\$6.80/t, processing cost (non-oxide) US\$25/t, G&A cost US\$3.99/t. Royalties for the Slab, York and Calvada deposits are 1.25%, and maximum pit slopes of 50 degrees.

7. Totals may not sum due to rounding.

8-Please see Santa Fe Mine project Technical Report available on SEDAR or the Company's website.

