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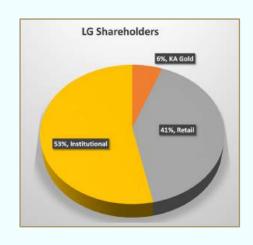
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The footnotes, endnotes and appendices to this Presentation contain important information

the technical information in this presentation has been reviewed by Lony Cestaldo M.S.C. who is a Qualified Person as the term is defined in

LAHONTAN GOLD SHARE STRUCTURE



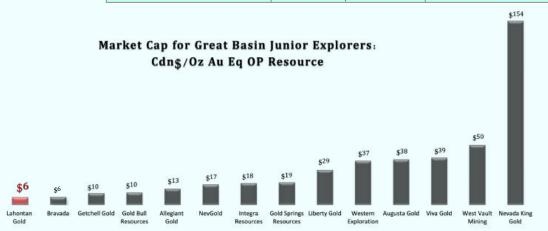
Key Shareholders:

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

PROFORMA CAPITALIZATION TABLE

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	totai
Options		20.6M @ 19 cents
Cash	(C\$M)	\$1.3 M
Debt	(C\$M)	\$ 0











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



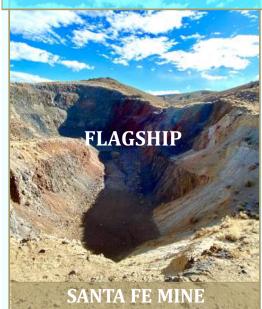
BOB MC KNIGHT, INDEPENDENT DIRECTOR



LARGE-SCALE GOLD OXIDE DEPOSITS

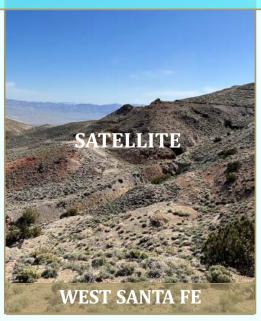
WALKER LANE, NEVADA USA

GOLD & SILVER ASSETS IN THE WALKER LANE



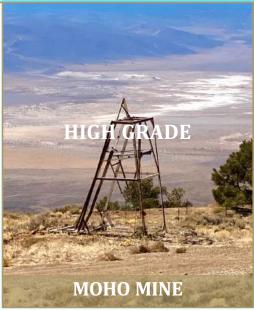
PAST PRODUCER

- HEAP LEACH GOLD & SILVER **OPERATION**
- 1.95 M OUNCES MRE
- OXIDE OXIDE OXIDE



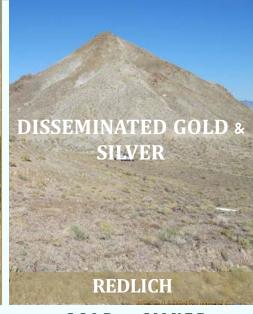
SATALLITE ASSET

- OXIDE STARTS AT THE SURFACE
- ONLY 13 Km AWAY FROM OUR **FLAGSHIP**



GOLD & SILVER

- o MULTIPLE VEIN SYSTEM
- HISTORIC GRADES 25 G/T GOLD & 300 G/T SILVER



GOLD & SILVER

- o HISTORIC RESOURCE OF 220,000 OUNCES AU EQ
- LOCATED NEXT DOOR TO CANDELIERA SILVER MINE





WALKERLANE, NEVADA EXTREMELY ACTIVE DISTICT



NEVADA

- o # 1 Jurisdiction in the USA
- o Straight Forward Permitting



SIZE & SCALE

- o 1.95 Million ounces & growing
- o District scale land package
- o Multi-million ounce district



EXCELLENT INFRASTRUCTURE

- Year-round access, substation on site, access to three water wells
- o Adjacent to an operating mine



PAST PRODUCER

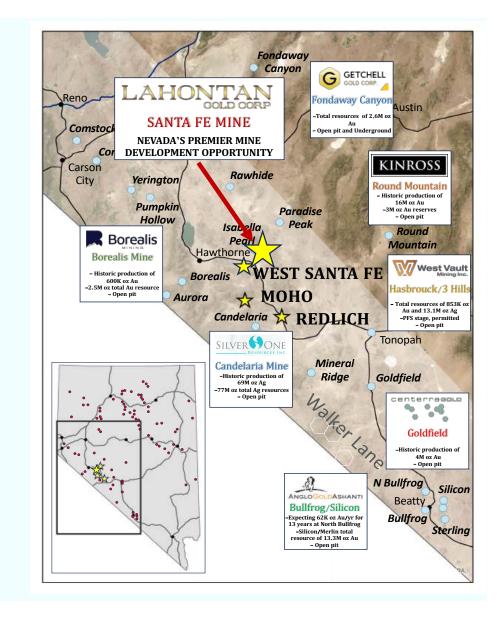
- Santa Fe Mine was mined from 1988-1994 by Corona Gold
- o LG on track to Production 2026



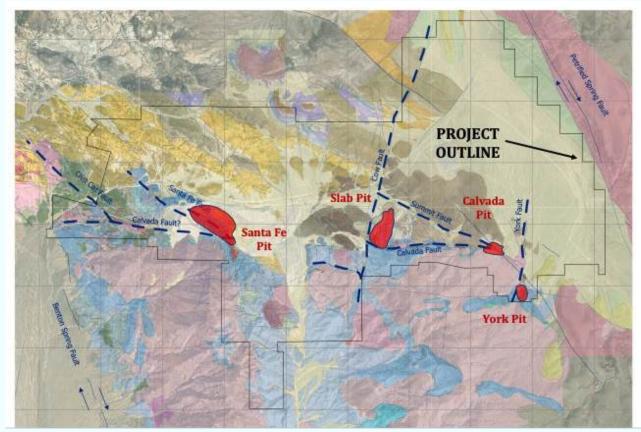
MANAGEMENT & BOARD - PROVEN TRACK RECORD

 \circ Strong support, by Management ownership $10\,\%$ & High Net worth Investors





SANTA FE MINE UNIQUE GEOLOGIC SETTING



MULTIPLE TARGETS YET TO BE TESTED

TSX.V-LG; OTCQB-LGCXF

WHAT TO KNOW

SANTA FE MINE

1 TRIASSIC CALCAREOUS HOST ROCKS

 All five deposits hosted by same rock types (blue)

(2) **KEY STRUCTURIAL DOMAINS**

- o NW, northerly and easterly faults
- All favorable for Au & Ag mineralization

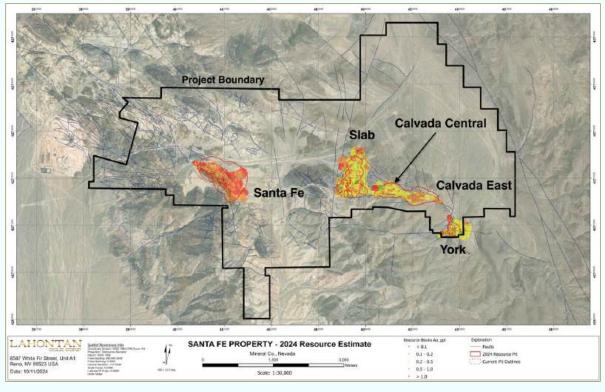
(3) OPEN, OPEN, OPEN

 Open between deposits, along strike, and at depth



UPDATED 20% INCREASE IN RESOURCE ESTIMATE 2024 1.54 MILLION OUNCES INDICATED AND

0.41 MILLION OUNCES INFERRED PIT CONSTRAINED RESOURCE*



SANTA FE LAND GOLD & SILVER RESOURCES

*Please see Appendix One for detailed Mineral Resource Estimate.

TSX.V-LG; OTCQB-LGCXF

AVERAGE GRADE 0.93 g/t Au Eu

(2) INDICATED AND INFERRED RESOURCES

- Occur in five separate deposits
- o Resource constrained by conceptual pits

3 OXIDE DOMAIN RESOURCES

- Indicated Au Eq oxide ounces: 640k oz grading 0.68 g/t Au Eq*
- Inferred Au Eq oxide ounces: 219k ounces grading 0.53 g/t Au Eq*

(4) HISTORIC PRODUCTION BREAKDOWN

- o 356,000 ounces Au
- 784,000 ounces of Ag with 1.1 g/t Au Eq average grade (Nevada Division of Minerals, www.ndomdata.com)



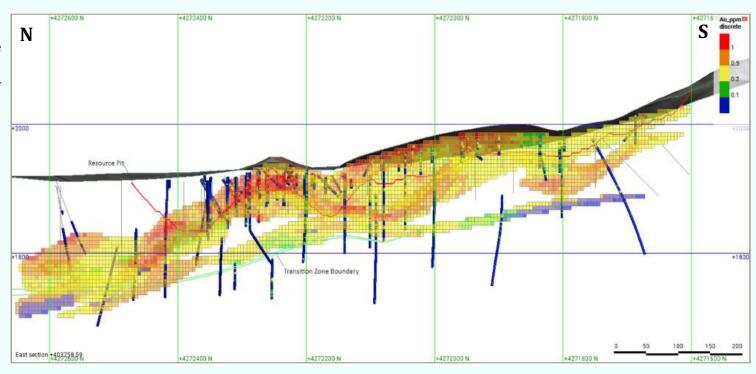


2024 Drilling Dramatically Expands Slab-Calvada

KEY HIGHLIGHTS

ALL OXIDE!!!

- Successful Lahontan drilling resulted in nearly doubling the Oxide resources at Slab-Calvada and account for nearly
- Indicated Oxide Resources total 204,000 oz Au Eq 9.72 Mt grading (0.65 g/t) and 198,000 oz Au Eq (0.53 g/t) Inferred Oxide Resources*
- Resource is open to the North and unconstrained by drilling
- In-fill drilling below and adjacent to pit shell can further expand the oxide resource



*Please see Appendix One for detailed Mineral Resource Estimate.

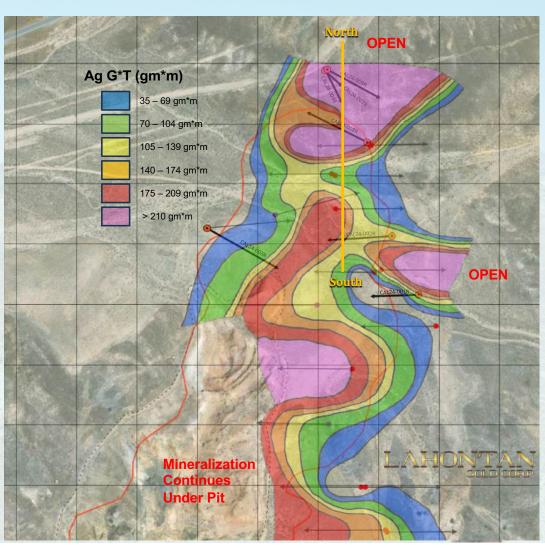


2024 Drill Results Slab-Calvada

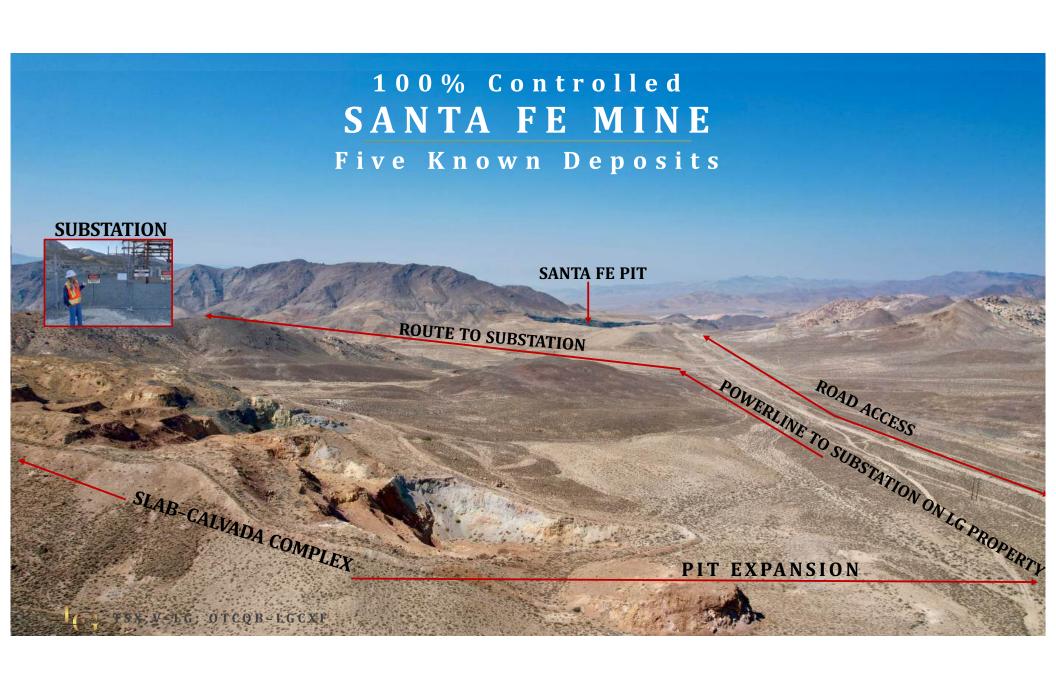
KEY HIGHLIGHTS

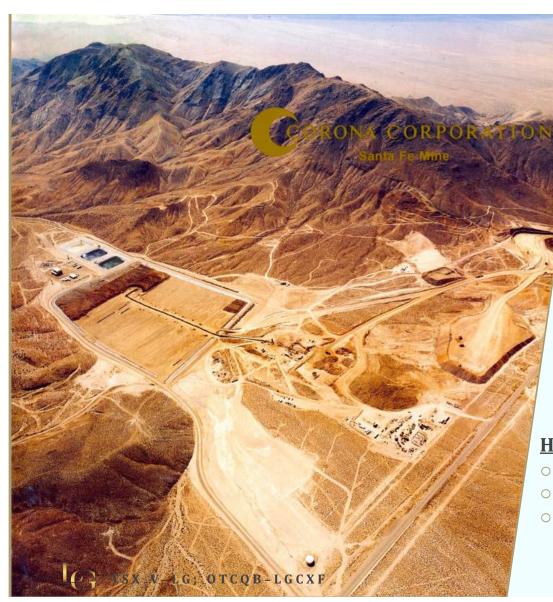
SLAB-CALVADA COMPLEX

- Contoured silver grade times interval thickness (Ag g/t * interval thickness in metres) is overlain on Lahontan drill holes
- 2 The northern extension of the Slab deposit remains open and contains some of the best grades in the Slab resource: up to 5.22 g/t gold and 151 g/t silver!
- The strength of the mineralizing system is also increasing to the north, further underscoring the resource potential of the Slab area









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)

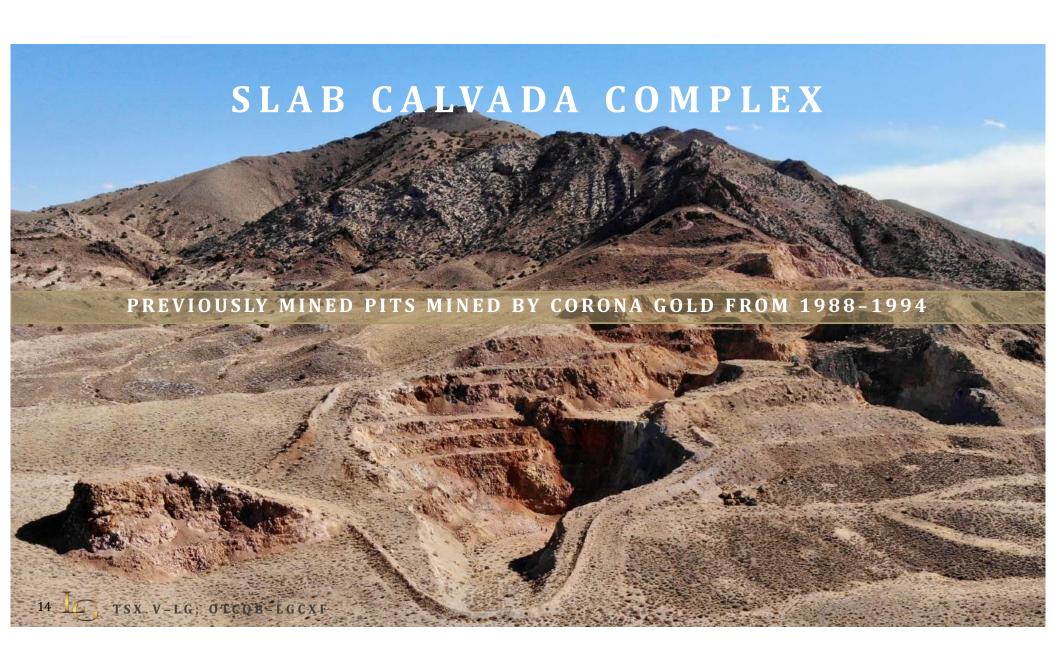
HISTORIC RECOVERIES PROJECT WIDE

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

HISTORIC MINE PRODUCTION TOTALS

- o 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



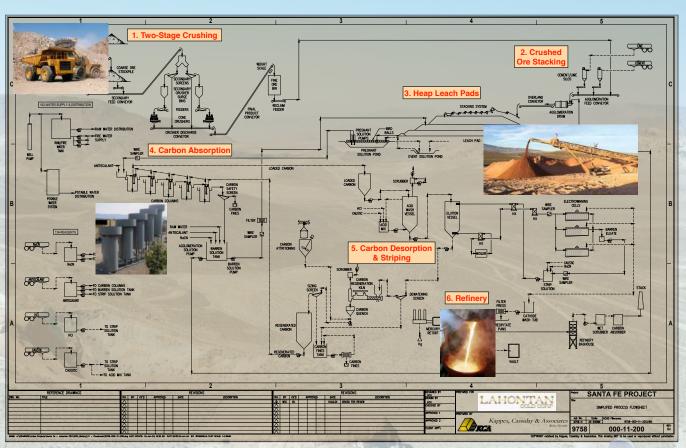


Met Testing Results-Optimize Flow Sheet

KEY HIGHLIGHTS

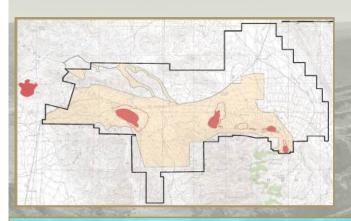
SANTA FE MINE

- 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) York samples also demonstrated upside in gold recoveries, with up to 91.0% CN-soluble gold, and averaging 78.4%
- 3 Preg Robbing Potential: only three of 205 samples analyzed exhibited aggressive preg robbing potential





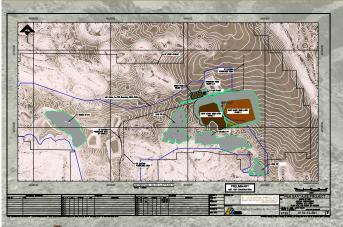
SANTA FE MINE- PATH WAY TO PRODUCTION PLAN OF OPERATION & MINE PLAN OF OPERATION



PLAN OF OPERATIONS

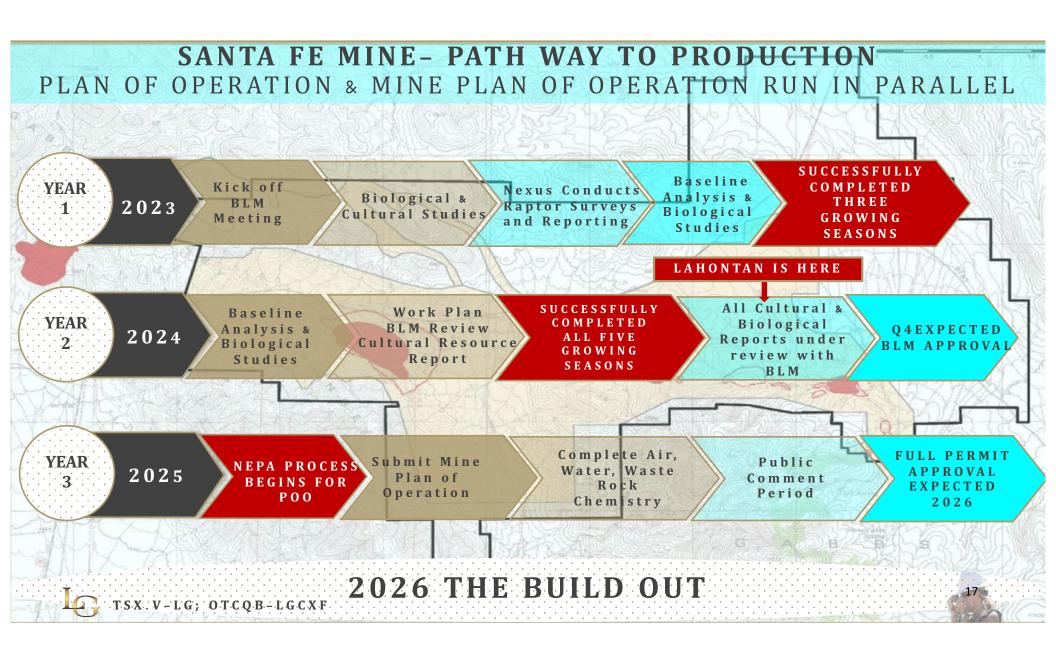
- Advanced Permitting Process covers 12.2 km² area
- Permit will cover 50% of Land Package with over 700 Permitted Drill Holes
- Massive potential to grow resource through the drill bit

BOTH PERMITS RUN IN PARALLEL OF EACH OTHER

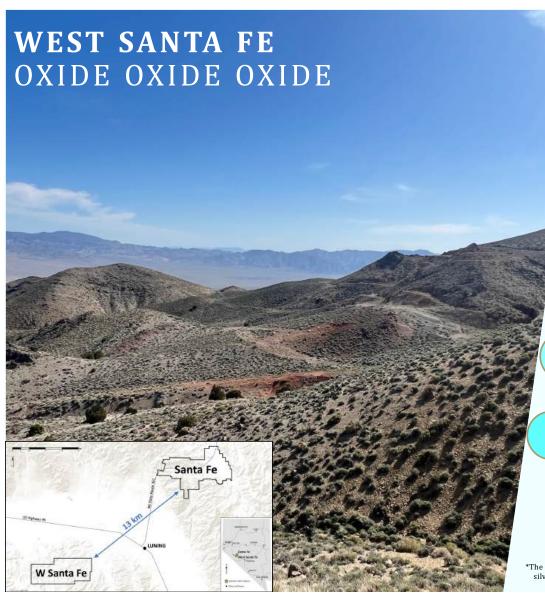


MINE PLAN OF OPERATIONS

- 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







WHAT TO KNOW

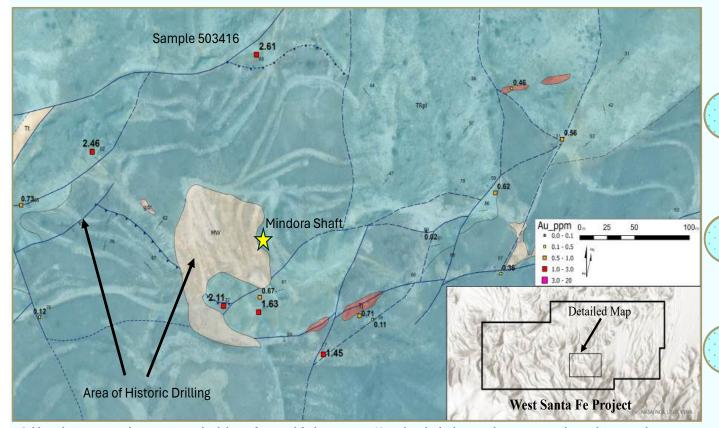
WEST SANTA FE

LOCATION LOCATION LOCATION

- o Located only 13 km west of the Flagship Santa Fe Mine
- o District Scale Land Package
- SIGIFICANT HISTORIC DATABASE
 - Outlines a shallow oxide Au & Ag deposit of + 0.5-1.0M ounces starting at surface*
- 3 SANTA FE LOOK-A-LIKE
 - Open-pit mining configuration with low-cost potential as a satellite to Santa Fe
- 4 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
 - o Total buyout \$1.8M
 - 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 FEHIGH-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.

TSX.V-LG; OTCQB-LGCXF

WHAT TO KNOW

WEST SANTA FE



- Sampling and mapping has helped identify structural controls to Au & Ag mineralization
- Intersections of northeast striking 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



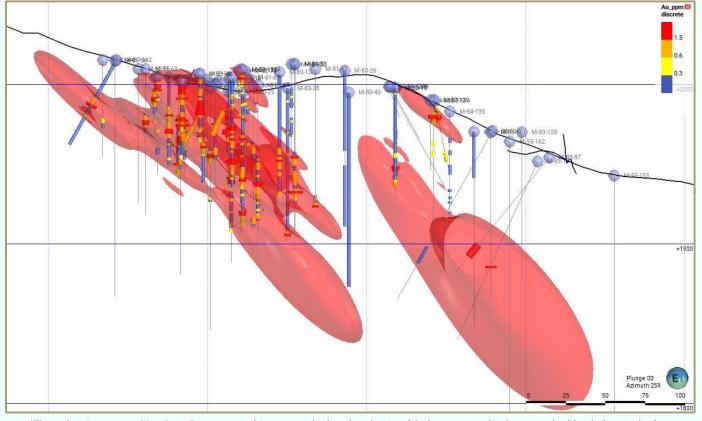


WEST SANTA FE EXCELLENT RESOURCE GROWTH POTENTIAL

WHAT TO KNOW

WEST SANTA FE

- **DRILLING TO DATE**
 - o Au & Ag begins at surface
 - Mineralization continues down-rake
 - All Oxideur
- **0.31 G/T AU SHELL OUTLINE**
 - Look alike to Santa Fe
 - Possible low-cost satellite operation
 - o Historic drilling shows a large mineralized system of Au & Ag*
- **PLANNED DRILL PROGRAM**
 - o 3000 metres of drilling planned
 - Maiden resource planned



*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.



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

- o 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'S KEY CATYLIST 2024

- 1 ✓ METALLURGICAL REPORT FROM KAPPES CASSADY
- 2

 EXTENSIVE MAPPING & SAMPLING AT WEST SANTA FE

 Drill West Santa Fe Q4
- 3 SUBMIT PLAN OF OPERATION (POO) Q4
- 4 PEA ON SANTA FE Q4



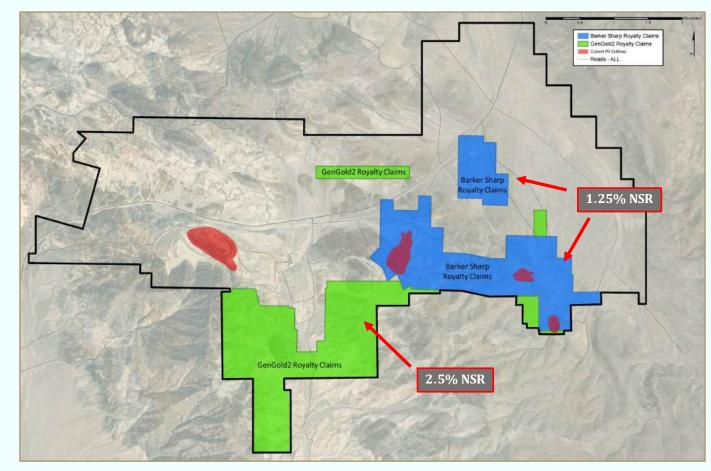


Appendix - Santa Fe Mine Royalties

26.4 km² Land Package

- o 389 unpatented lode mining claims
- o 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



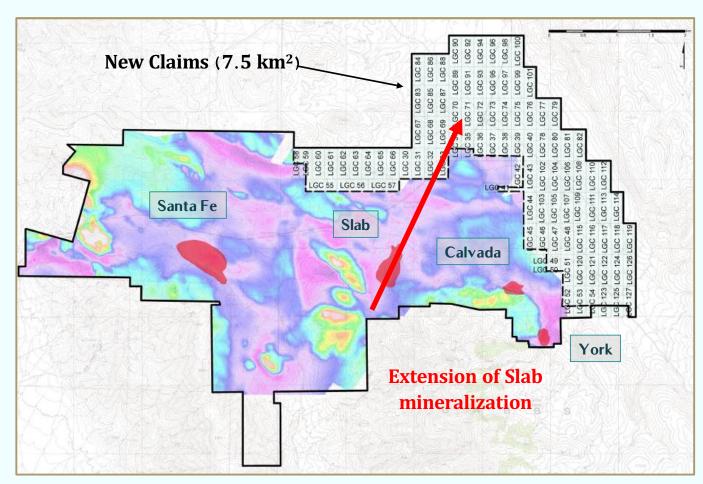
SANTA FE MINE PROJECT NOW 26.4km²

WHAT TO KNOW

SANTA FE MINE

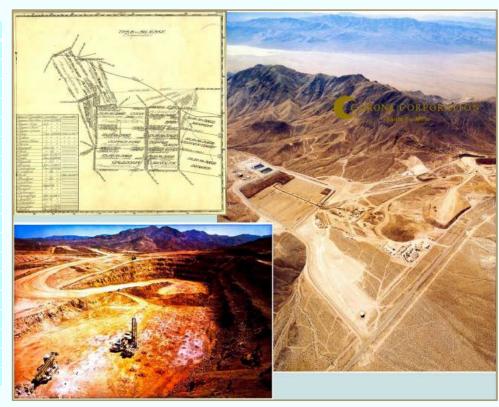
NEW UNPATENETED LODE CLAIMS:

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



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	Zone	Cut-off Grade	Tonnes	Gold	Contained Gold	Silver	Contained Silver	Au Eq.	Contained Gold Equivalent
			(Au Eq., g/t)	(kt)	(Au, g/t)	(Au <u>k.oz</u> .)	(Ag, g/t)	(Ag <u>k.oz</u> .)	(Au Eq., g/t)	(Au Eq. oz.)
	Santa Fe	Oxide	0.15	19,386	0.68	424	4.79	2,983	0.70	435
		Non-Oxide	0.60	19,224	1.31	810	11.60	7,169	1.45	896
	Slab	Oxide	0.15	5,643	0.59	108	3.82	692	0.60	109
1-4:	Calvada East	Oxide	0.15	4,077	0.72	94	2.54	332	0.73	95
Indicated		Non-Oxide	0.60	63	1.38	3	0.41	1	1.38	3
	Total	Oxide	0.15	29,106	0.67	626	4.28	4,008	0.68	640
		Non-Oxide	0.60	19,287	1.31	813	11.56	7,170	1.45	899
		Total		48,393	0.92	1,439	7.18	11,177	0.99	1,539
	Santa Fe	Oxide	0.15	1,365	0.46	20	2.69	118	0.47	21
		Non-Oxide	0.60	3,847	1.49	185	4.63	573	1.55	192
	Slab	Oxide	0.15	714	0.54	12	7.26	167	0.56	13
Inferred	Calvada East	Oxide	0.15	1,600	0.64	33	2.86	147	0.65	33
	York	Oxide	0.15	2,272	0.57	41	0.72	53	0.57	41
	Calvada Central	Oxide	0.15	6,962	0.49	110	3.09	691	0.50	111
	Total	Oxide	0.15	12,912	0.52	216	2.83	1,176	0.53	219
		Non-Oxide	0.60	3,848	1.49	185	4.63	573	1.55	192
		Total		16,760	0.74	401	3.25	1,749	0.76	411

Appendix - Continued

Notes to Table 1:

- Mineral Resources have an effective date of October 9, 2024. 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.
- 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.
- 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, silver, and gold equivalent (Au Eq) using a combination of ordinary kriging and inverse distance cubed within grade shell domains.
- Mineral resources are reported using a cut-off grade of 0.15 g/t Au Eq for oxide resources and 0.60 g/t Au Eq for non-oxide resources. Au Eq for the purpose of cut-off grade and reporting the Mineral Resources is based on the following assumptions gold price of US\$1,950/oz gold, silver price of US\$23.50/oz silver, and oxide gold recoveries ranging from 45% to 79%, oxide silver recoveries ranging from 10% to 30%, and non-oxide gold and silver recoveries of 71%, mining costs for resource and waste of US\$2.50/t, processing cost (oxide) US\$3.49/t, processing cost (non-oxide) US\$2.5t.
- An optimized open-pit shell was used to constrain the Mineral Resource and was generated using Lerchs-Grossman algorithm utilizing the following parameters: gold price of US\$1,950/oz gold, silver price of US\$23.50/oz silver, and selling costs of US\$29.25/oz gold. Mining costs for resource and waste of US\$2.50/t, processing cost (oxide) US\$3.49/t, processing cost (non-oxide) US\$25/t, G&A cost US\$1.06/t. Royalties for the Slab, York and Calvada deposits are 1.25%, and maximum pit slope angles of 50 degrees.
- 7. Totals may not sum due to rounding.