



Corporate Update

September 2019

PG:TSX
www.premiergoldmines.com

This Presentation contains certain information that may constitute "forward-looking information" under applicable Canadian securities legislation. Forward-looking information includes, but is not limited to, statements regarding the Company's achievement of the full-year projections for ounce production, production costs, AISC costs per ounce, cash cost per ounce and realized gold/silver price per ounce, the Company's ability to meet annual operations estimates, and statements about strategic plans, including future operations, future work programs, capital expenditures, discovery and production of minerals, price of gold and currency exchange rates, timing of geological reports and corporate and technical objectives. Forward-looking information is necessarily based upon a number of assumptions that, while considered reasonable, are subject to estimation of mineral resources and mineral reserves, realization of mineral resources, known and unknown risks, uncertainties, and other factors which may cause the actual results and future events to differ materially from those expressed or implied by such forward-looking information, including the risks inherent to the mining industry, adverse economic and market developments and the risks identified in Premier's annual information form under the heading "Risk Factors". There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. All forward-looking information contained in this Presentation is given as of the date hereof and is based upon the opinions and estimates of management and information available to management as at the date hereof. Premier disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

This Presentation has been completed by Premier. Certain corporate projects referred to herein are subject to agreements with third parties who have not prepared, reviewed or approved this Presentation. The Presentation is not intended to reflect the actual plans or exploration and development programs contemplated for such projects.

Investors are reminded that this Presentation should be read in conjunction with Premier's most recent Financial Statements and Management's Discussion and Analysis, available on www.sedar.com and www.premiergoldmines.com.

Foreign Exchange Assumptions

All amounts discussed herein are denominated in U.S. dollars unless otherwise specified.

Non-IFRS Measures

The Company has included certain terms or performance measures commonly used in the mining industry that are not defined under International Financial Reporting Standards ("IFRS") in this document. These include: earnings before interest, tax, depreciation and amortization (EBITDA), free cash flow, cash cost per ounce sold, all in sustaining cost ("AISC") per ounce sold and average realized price per ounce. Non-IFRS measures do not have any standardized meaning prescribed under IFRS, and therefore, they may not be comparable to similar measures employed by other companies. The data presented is intended to provide additional information and should not be considered in isolation or as a substitute for measures prepared in accordance with IFRS and should be read in conjunction with the Company's consolidated financial statements. Readers should refer to the Company's Management's Discussion and Analysis under the heading "Non-IFRS Measures" for a more detailed discussion of how such measures are calculated.

Cautionary Notes to Investors - Reserve and Resource Estimates

In accordance with applicable Canadian securities regulatory requirements, all mineral reserve and mineral resource estimates of the Company disclosed in this Presentation have been prepared in accordance with Canadian National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"), classified in accordance with Canadian Institute of Mining Metallurgy and Petroleum's "CIM Standards on Mineral Resources and Reserves Definitions and Guidelines" (the "CIM Guidelines").

Pursuant to the CIM Guidelines, mineral resources have a higher degree of uncertainty than mineral reserves as to their existence as well as their economic and legal feasibility. Inferred mineral resources, when compared with measured or indicated mineral resources, have the least certainty as to their existence, and it is reasonably expected the majority of inferred mineral resources could be upgraded to indicated mineral resources with continued exploration. Pursuant to NI 43-101, inferred mineral resources may not form the basis of any economic analysis, including any feasibility study. Accordingly, readers are cautioned not to assume that all or any part of a mineral resource exists, will ever be converted into a mineral reserve, or is or will ever be economically or legally mineable or recovered. Premier is not aware of any environmental, permitting, legal, title-related, taxation, socio-political, marketing or other relevant issue that could materially affect the mineral resource estimate. The definitions under NI 43-101 and the CIM guidelines differ from the definitions in Guide 7 of the U.S. Securities and Exchange Commission. Accordingly, information regarding mineral deposits may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements under the United States Securities laws and the policies and regulations thereunder.

The scientific and technical information contained in this Presentation has been reviewed by Stephen McGibbon, P. Geo., (Executive VP Corporate and Project Development) and a Qualified Person within the meaning of National Instrument 43-101.

For further information on the technical data provided in this Presentation, including the key assumptions underlying the mineral resource herein, refer to the Sedar filings as listed below:

Note	Project/Property	Company	Date
(1)	Hasaga	Premier Gold Mines Limited	February 24, 2017
(2)	Hardrock Feasibility	Premier Gold Mines Limited	December 21, 2016
(3)	Cove	Premier Gold Mines Limited	March 31, 2018
(4)	Mercedes	Premier Gold Mines Limited	April 18, 2018
(5)	South Arturo	Premier Gold Mines Limited	March 26, 2018

PREMIER LOCATIONS

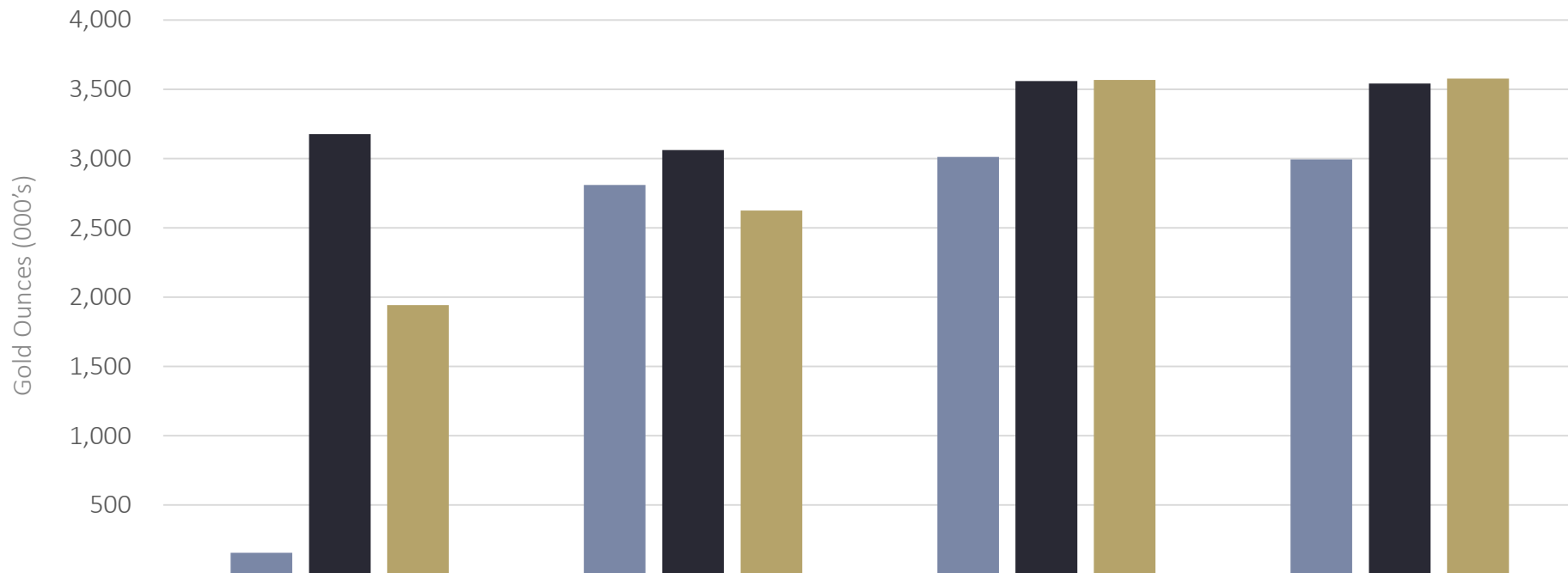
- 100% North American focus
- Safe & World-class jurisdictions

BUSINESS MODEL

- Growing production through new mine developments (2 new mines in construction), mine optimization at Mercedes
- Two projects being permitted for future development decisions
- Commitment to exploration for reserve and resource growth
- Sensible Partnerships to leverage expertise, share costs, and diversify risk
- Strong treasury: (as at June 30, 2019)
 - \$26.4M cash
 - \$50M undrawn facility
 - \$73M earn-in obligations at Greenstone & McCoy-Cove








	2015		2016		2017		2018	
	Tonnes (Mt)	Grade (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Tonnes (Mt)	Grade (g/t Au)	Tonnes (Mt)	Grade (g/t Au)
P+P	0.86	1.08	74.42	1.17	76.77	1.22	77.08	1.21
M+I	55.91	1.77	66.10	1.44	74.57	1.48	76.12	1.46
Inferred	16.38	3.69	42.10	1.94	44.41	2.50	44.96	2.47

- Updates for Hardrock (Greenstone), South Arturo & Mercedes during or post-year end 2019

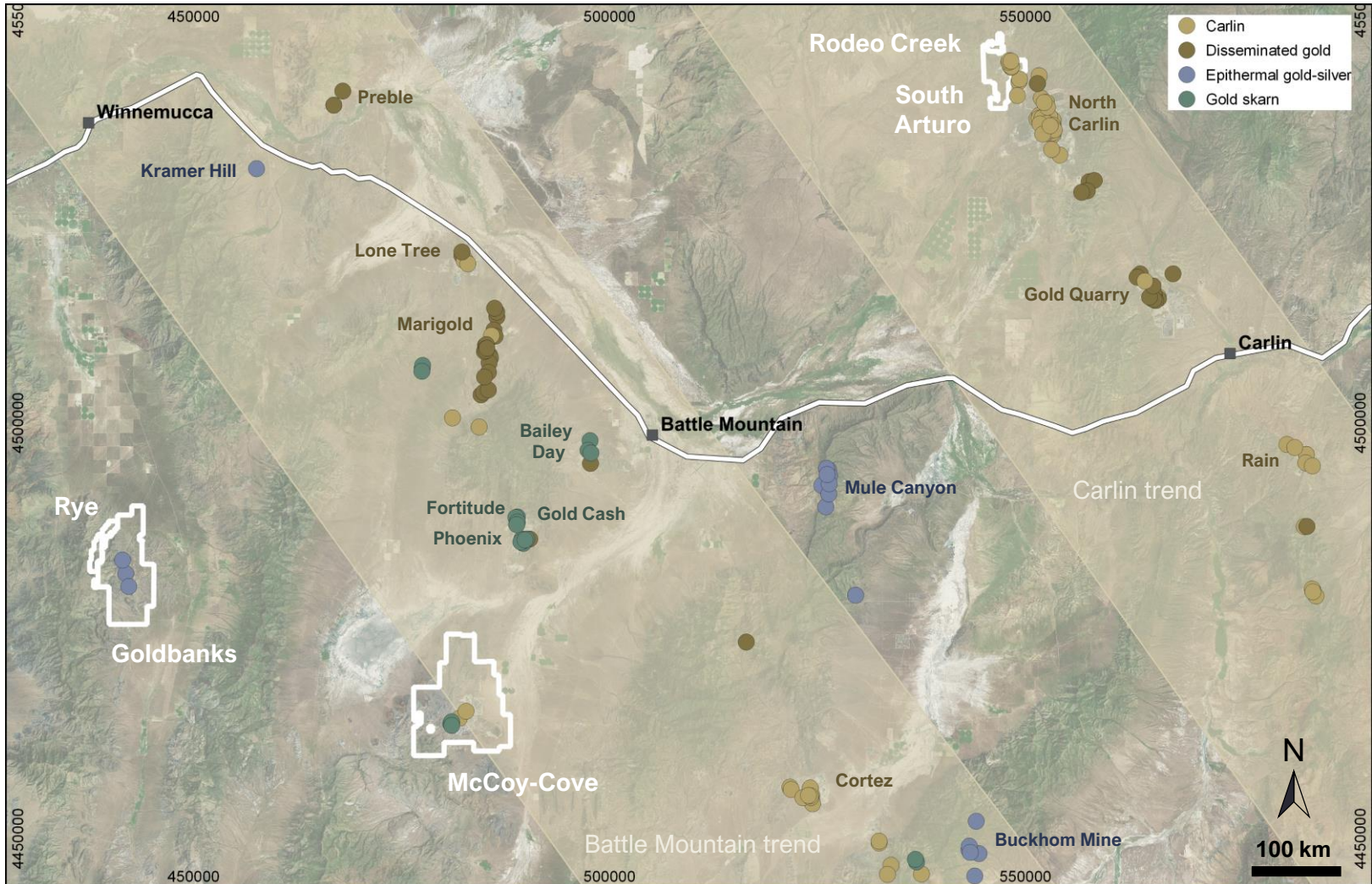
Growing Production: Multiple mine developments underway

Nevada Operations

- **South Arturo – Carlin Trend:**
 - Two new mines under construction:
 - El Nino high grade underground
 - P1 open pit
 - Ongoing evaluation of P3 open pit and heap leach material
- **McCoy-Cove – Battle Mountain Trend:**
 - Advanced-exploration program at Cove
 - Exploration drilling on JV property
- **Rye-Goldbanks & Rodeo Creek - Exploration**

- 
- Mining Operation
 - Advanced Exploration
 - Early Exploration

The World's Most Productive Gold District



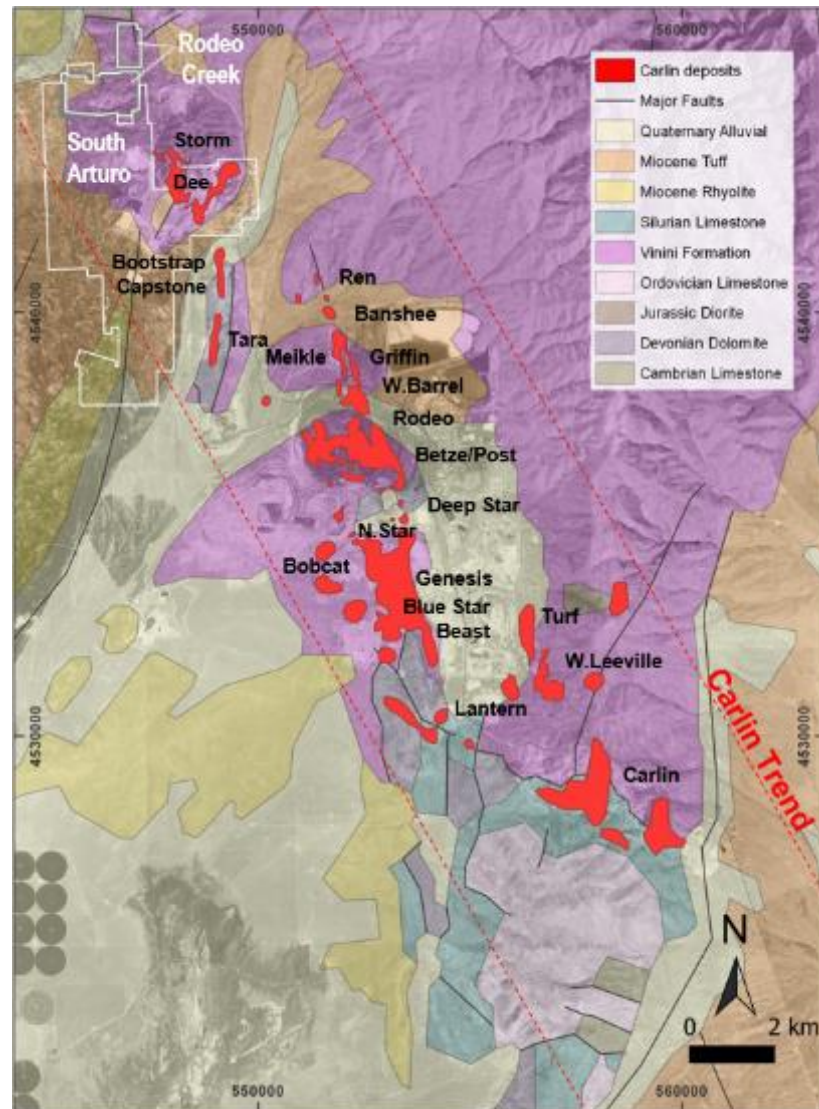
Overview & Highlights

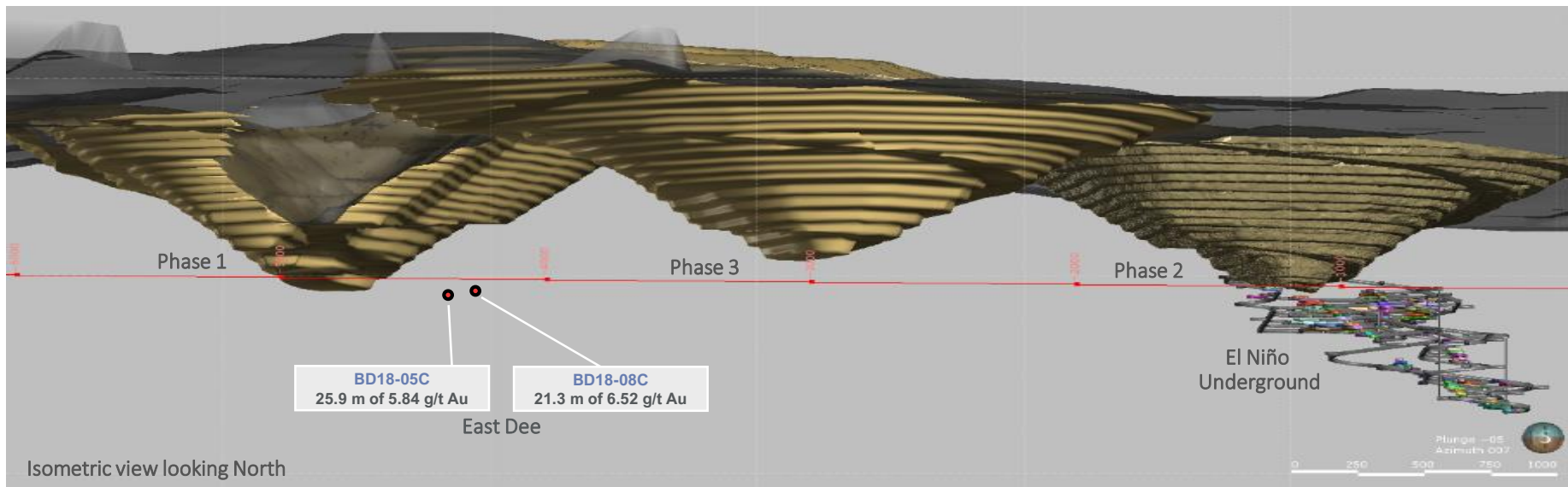
- Strategic projects in the heart of the prolific Carlin Trend
- Two new mining projects under construction – Phase 1 open pit and El Nino underground mine
- ROM heap leach material and Phase 3 open pit option being assessed for future production
- Continued exploration to achieve long-term production – underground drilling commenced at El Nino
- Rodeo Creek (100% PG) with open pit and high-grade potential

Key Metrics

Mine Ownership	Premier Gold 40% Nevada Gold Mines 60%
Mine Type	Open Pit & Underground
Processing	Roaster (Goldstrike)
2019 Pre- Commercial Production*	5,000 – 10,000 ozs Au

*Premier's proportionate share of development capital at South Arturo for 2019 (excluding proceeds from pre-commercial production gold sales) is \$39 million. Proceeds from pre-commercial production gold sales will be credited against development capital.





El Nino Underground Project

- Mining of the Phase 2 pit completed in 2017; limited stockpile remains to be processed
- El Nino ramp construction to access high-grade extension below the pit – mining has commenced
- Drill program commencing in H2-2019 to expand reserves and resources

Phase 1 Open Pit Project

- Pre-stripping underway including the stockpiling of potential heap leach material
- ROM heap leach opportunity is being advanced with potential future construction of on-site facility
- East Dee and South Hinge targets could contribute significant upside (East Dee to be drilled in 2019)

Phase 3 Open Pit Project

- Targeted as the next phase of mining at South Arturo

Two New Mines Under Construction



El Nino Underground Development

- El Nino decline construction is proceeding ahead of schedule
- Processing of ore is expected to commence in Q3-2019
- Continued exploration will focus on expanding reserves

Phase 1 Open Pit Development

- Phase 1 open pit construction is proceeding on schedule
- Main ore zone is expected to be accessed in H2 - 2020
- Heap leach material being stockpiled for potential future processing options

Cornerstone Production: Creating Sustainable Cash-Flow

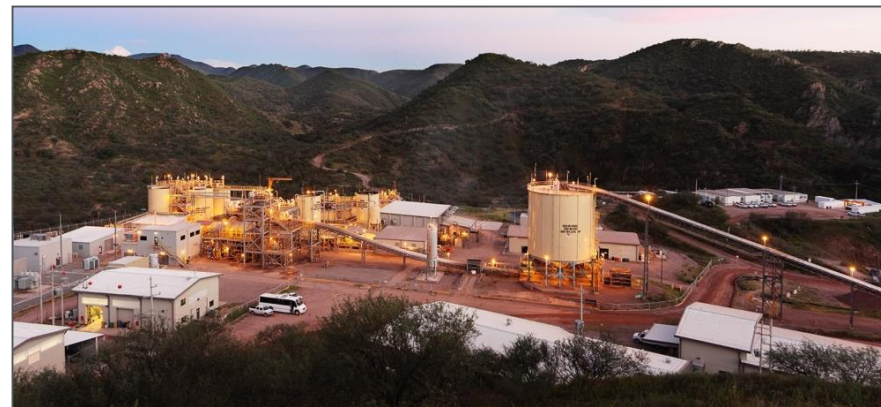
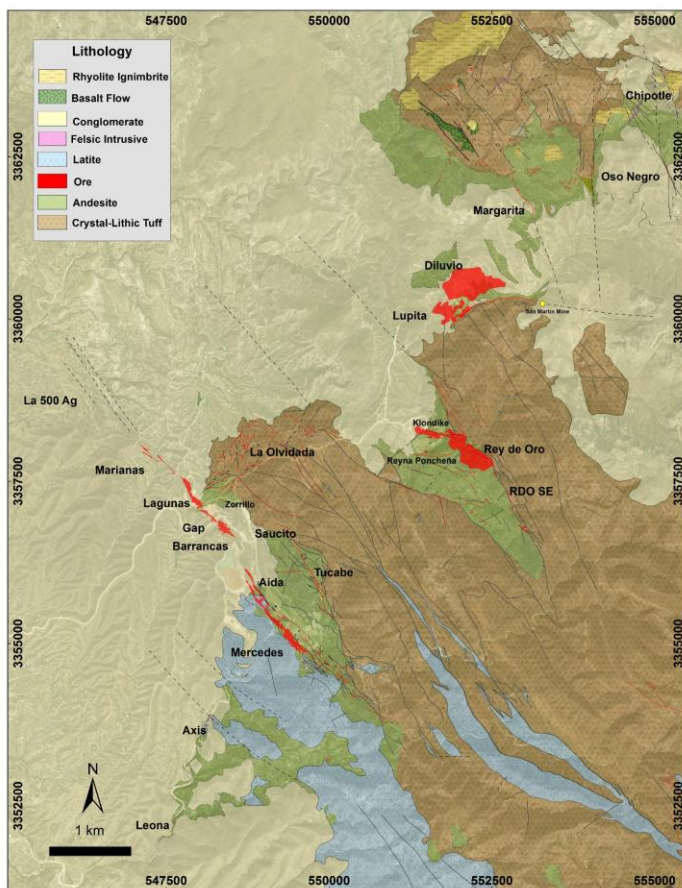
Mexican Operations

- The Mercedes mine with considerable upside:
 - Advancing the high-potential Marianas deposit
 - Renewed exploration effort to discover new deposits and expand mine life



Overview & Highlights

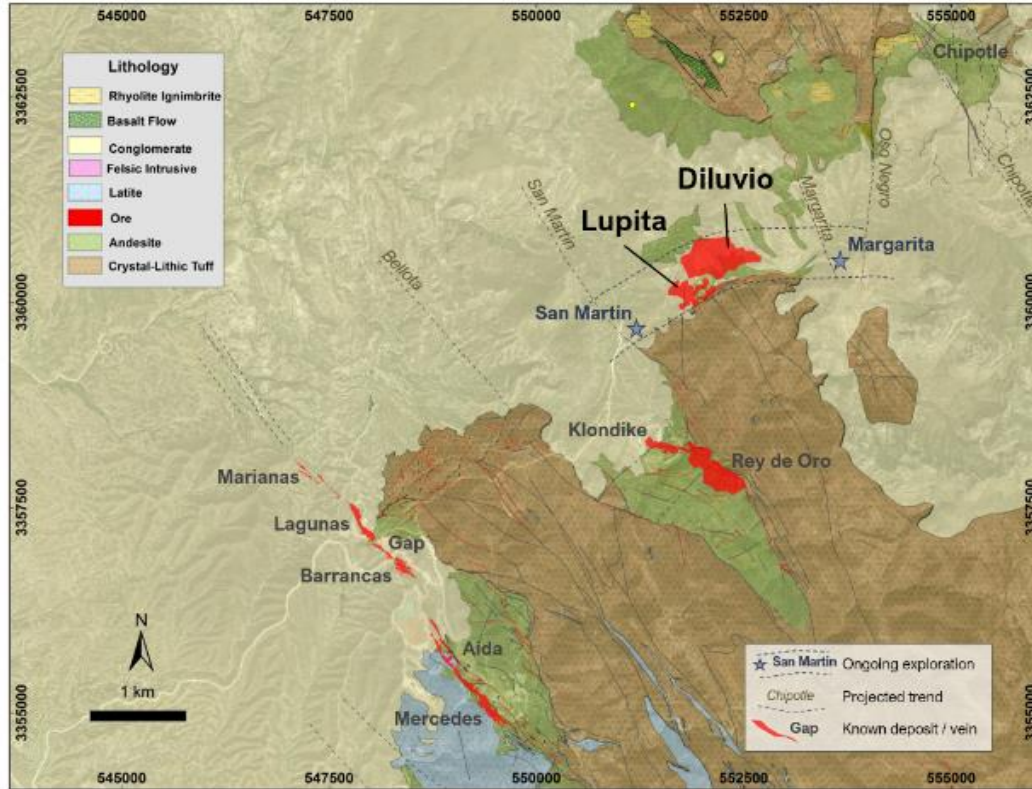
- Major developments in 2019:
 - Underground drill program underway at Marianas deposit for inclusion in mineral reserves
 - ~42,000 meters of drilling - delineation & exploration



Key Metrics

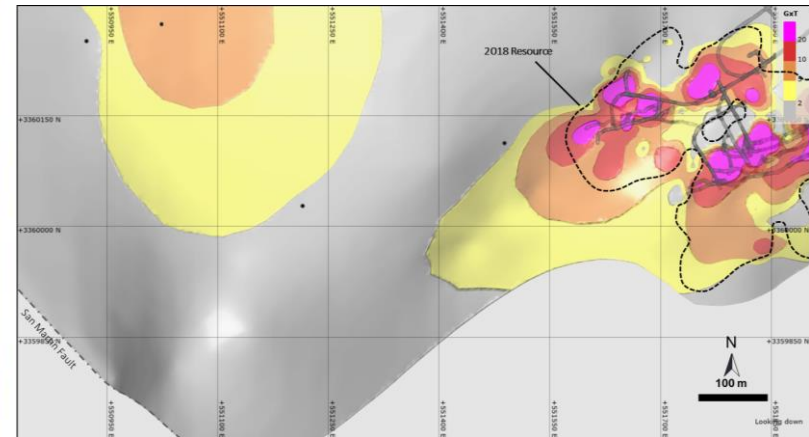
Mine Ownership	Premier Gold 100%
Mine Type	Underground
Plant Throughput Capacity	2,000 tpd
2019 Production	75,000 – 85,000 ozs Au 225,000 – 250,000 ozs Ag
2019 Cash Cost	US\$730-780 /oz Au
2019 AISC	US\$900-950 /oz Au

- Q2 2019 Operational Results:
 - Production of 15,532 ounces of Gold

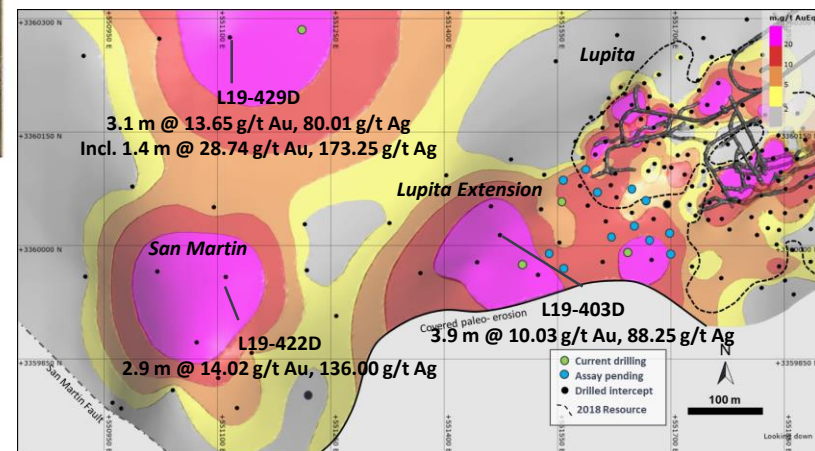


Lupita – Diluvio Expansion Program

Pre-2019 Program



With 2019 Drilling



- Focused on delineation of Lupita extension as well as infill and step-out drilling at the new San Martin discovery.
- Recent Highlights:
 - L19-429D: 3.1 m @ 13.65 g/t Au, 80.01 g/t Ag, 28.74 g/t Au, 173.25 g/t Ag Incl. 1.4 m @
 - L19-422D: 2.9 m @ 14.02 g/t Au, 136.00 g/t Ag
 - L19-403D: 3.9 m @ 10.03 g/t Au, 88.25 g/t Ag

Cornerstone Development Opportunity: Creating Stable Future Cash-Flow

Ontario Operations

- Grade control drill program completed at Hardrock open pit deposit
- Updated MRMR and economic model expected by year-end
- Federal and Provincial EA/EIS statements received
 - Advancing permitting and detailed engineering
- Impact and Benefit Agreement signed with LL#58
 - Progressing discussions with remaining FN communities
- Two key land positions in the heart of Red Lake mining camp



- Mining Operation
- Advanced Exploration
- Early Exploration

Project Overview

- Multi-million ounce gold deposit with excellent infrastructure (on Trans-Canada Highway)
- Centerra is sole-funding ongoing CA\$185M spend with \$61.4M (CA\$82.7M) remaining (June 30, 2019)
- Full permitting underway with EA approvals from Federal and Provincial Governments
- 2016 feasibility study (gold price \$1,250/oz) with NPV5% to Premier of \$318M and 17.5% IRR
- 14.5 year mine-life – open pit only



Key Metrics

Ownership	Premier 50% - Centerra 50%
Stage	Feasibility - Permitting
Mine Type (planned)	Open Pit
Plant Throughput Capacity (planned)	~27,000 tpd

Mineral Reserves (100% Basis)

Mineral Reserves					
Category	Type	Cut-off (g/t)	Tonnes (kt)	Grade (g/t Au)	Contained Gold (koz)
Proven	(OP)	-	-	-	-
Probable	(OP)	0.33	141,715	1.02	4,647
Total P&P	(OP)	0.33	141,715	1.02	4,647

US\$ commodity prices for mineral reserve estimate: \$1,250 for Gold

- Updated mineral resource estimate planned in Q3 2019

Advancing Development Decision – Y-E 2019



2019 Objectives and Plans

- Detailed engineering being completed on high-risk items, community agreements, revised capital and operating costs
- RC and core drill program completed (38,700 m) with new mineral reserve and mineral resource estimates planned for H2-2019
- Updated financial model to be completed at year-end in advance of a development decision

Additional Development Opportunities:

- Underground deposit located down-plunge of pit
- High-grade Brookbank deposit

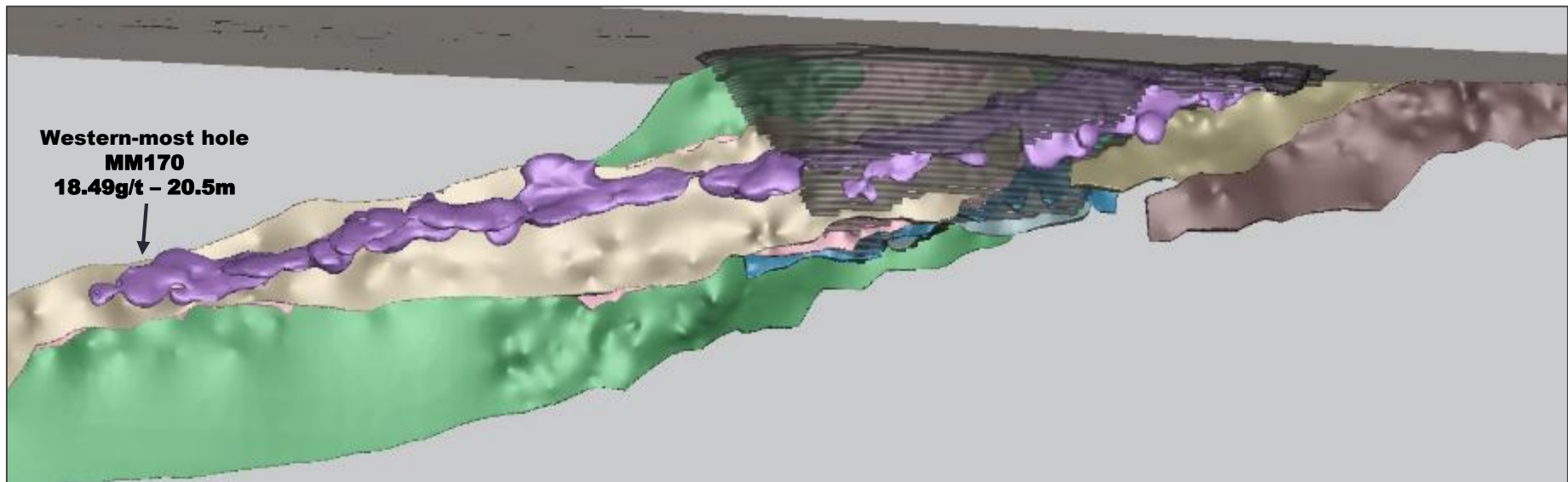
Upside Opportunities

- 4 deposits - open pit and underground
- Only the Hardrock open pit was considered in the economic study – underground deposit remains open down-plunge
- The nearby, high-grade, Brookbank and Key Lake deposits offer further upside
- Greenstone holds most of the prospective geology in the region

Mineral Resources (100% Basis)

Category	Type	Cut-off g/t	Tonnes kt	Grade g/t Au	Contained Gold koz
Indicated	(OP)	0.30	11,440	0.36	131
	(UG)	2.00	13,692	3.91	1,720
Total	(OP/UG)	-	25,136	2.29	1,851
Inferred	(OP)	0.30	170	0.87	5
	(UG)	2.00	21,507	3.57	2,470
Total	(OP/UG)	-	21,677	3.55	2,475

US\$ commodity prices for mineral resource estimate: \$1,250 for Gold



Our Future

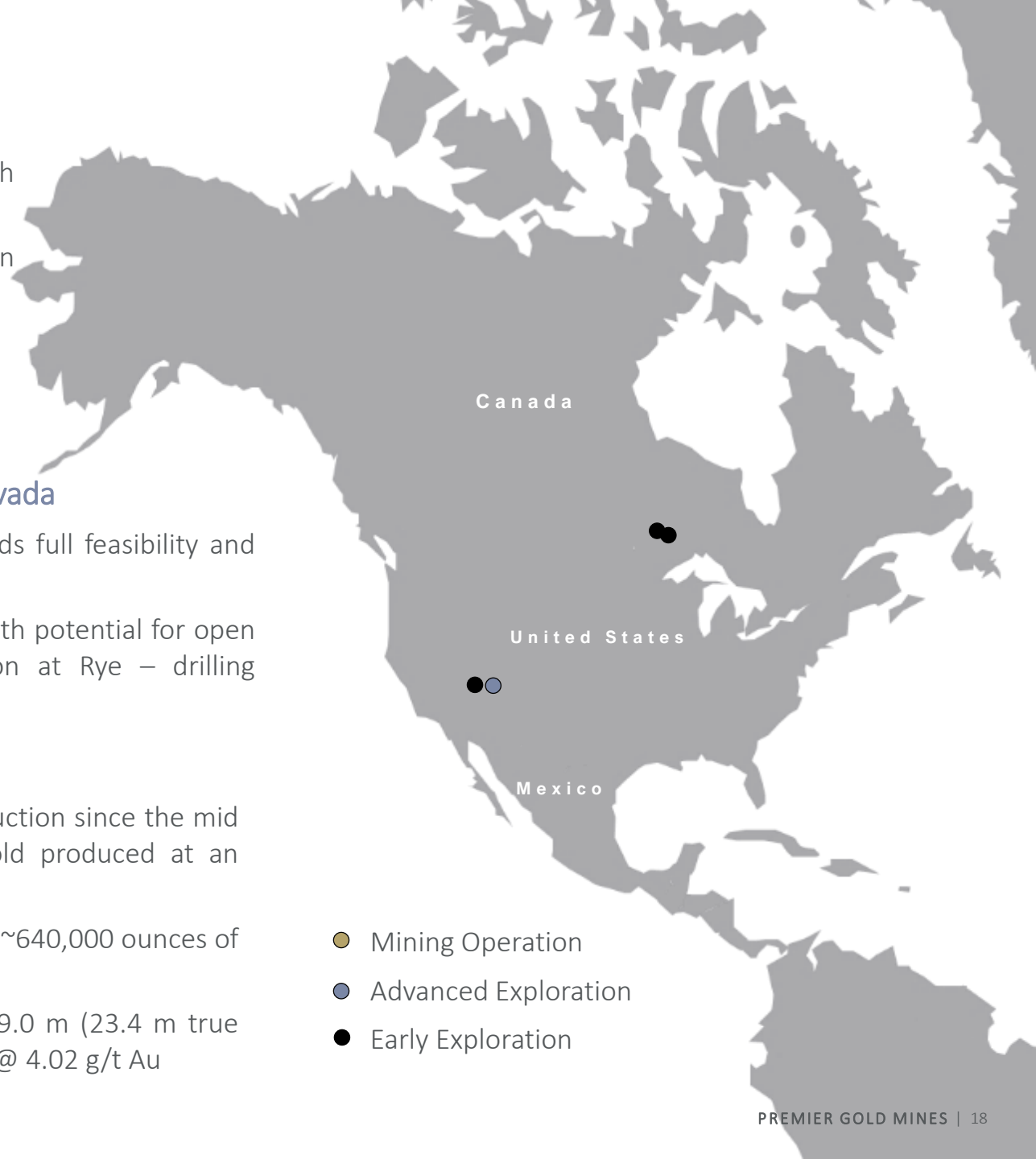
- Defining future resources through sustained exploration
- Potential for new discoveries in prolific gold districts

McCoy-Cove & Rye-Goldbanks, Nevada

- Advancing underground plan towards full feasibility and development decision at Cove
- Extensive epithermal vein system with potential for open pit and underground mineralization at Rye – drilling underway

Red Lake, Ontario

- Red Lake has seen continuous production since the mid 1920's with nearly 30 Mozs of gold produced at an average grade of +15 g/t Au
- The Hasaga/Howey mines produced ~640,000 ounces of gold (1930-1952)
- Final step-out hole HMP176W3 - 39.0 m (23.4 m true width) @ 5.69 g/t Au within 67.0 m @ 4.02 g/t Au



- Mining Operation
- Advanced Exploration
- Early Exploration

Overview & Highlights

- Located in the Battle Mountain Trend, Nevada
- Past production: 3.3 M oz Au and 110.0 M oz Ag
- Premier retains 100% ownership of the main Cove deposit
- Exploration joint venture with Barrick Gold (earning 60% through expenditures of US\$22.5 Million over 4.5 years)

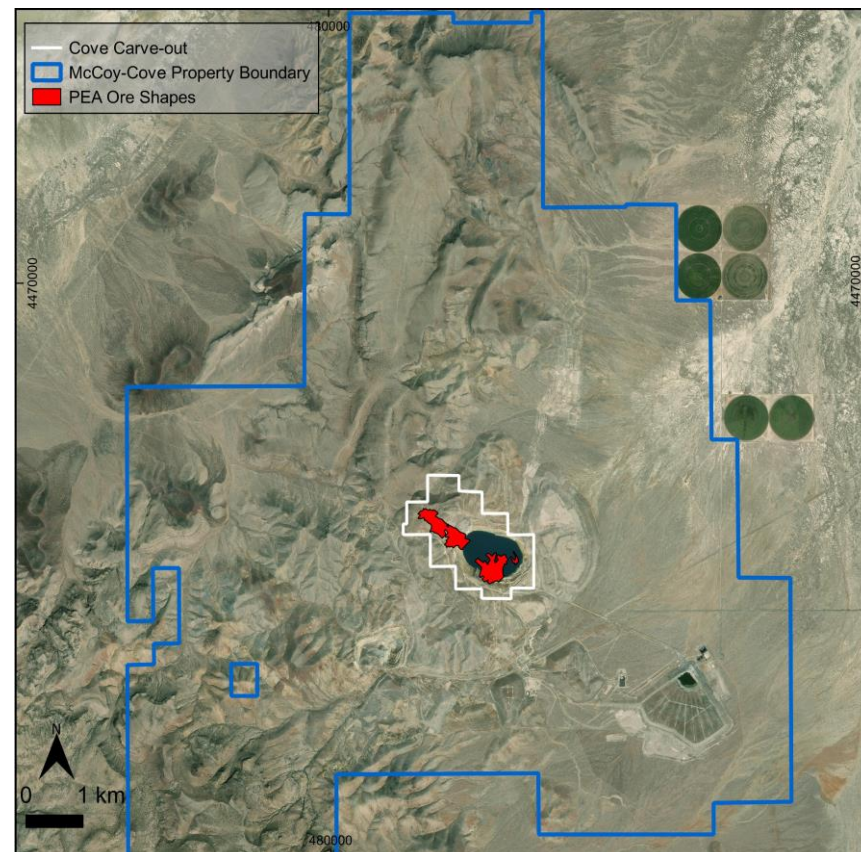
Mineral Resources

Category	Tonnes (Mt)	Au (g/t)	Ag (g/t)	Contained Ounces	
				Gold (koz)	Silver (koz)
Indicated	0.948	11.21	29.53	342	900
Inferred	3.658	11.24	20.90	1,322	2,457

- PEA concludes robust economics for the high-grade Cove deposit with low up-front capital
- Substantial upside exists with deposits remaining open for expansion and a renewed exploration effort on the JV lands
- Hydrology study underway in advance of underground plan
- Advanced-exploration (underground definition drilling program) planned in 2020 in advance of a Feasibility Study and deposit development decision

Key Metrics

Ownership	Premier Gold 100%
Stage	Exploration – Resource Definition
Mine Type (potential)	Underground
Processing Plan	Third Party Roaster/Autoclave



Underground development program to commence H2-2019

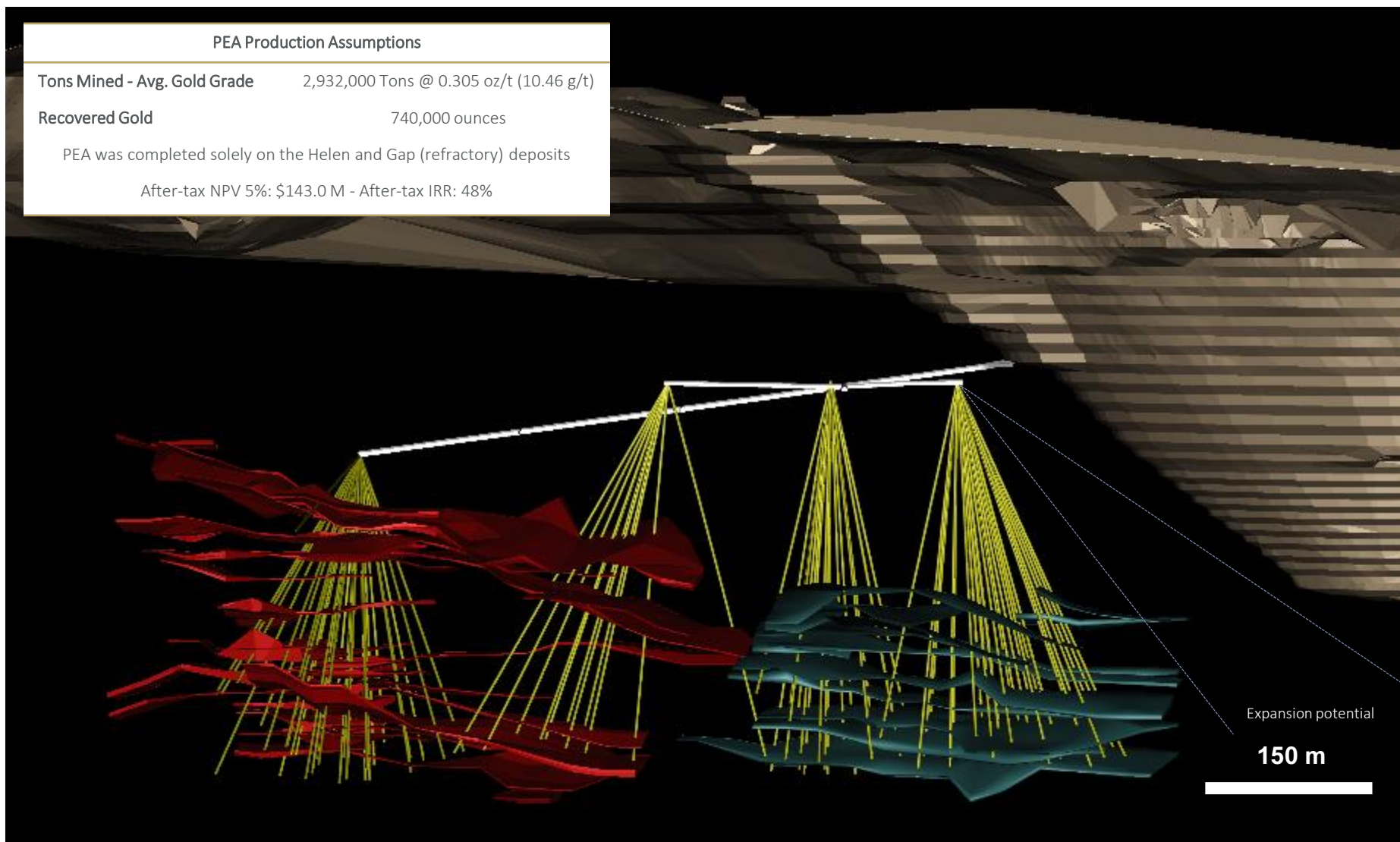
PEA Production Assumptions

Tons Mined - Avg. Gold Grade 2,932,000 Tons @ 0.305 oz/t (10.46 g/t)

Recovered Gold 740,000 ounces

PEA was completed solely on the Helen and Gap (refractory) deposits

After-tax NPV 5%: \$143.0 M - After-tax IRR: 48%



Growing Production

Two new mine developments underway at South Arturo (El Nino & Phase 1 open pit)

Two projects currently being permitted for future development (Hardrock & Cove)

Growing Reserves and Resources

2019 updates planned for South Arturo, Mercedes and Hardrock

Sustained exploration effort across entire project portfolio

Growing Cash Flow

Focused on delivering long-term cash flow through development of project pipeline

Gold 

Guidance 2018

Mine	Production (ounces)	Cash Cost (per ounce)	All-in Sustaining Cost (per ounce)
Mercedes	75,000 - 85,000	\$730 - \$780	\$900 - \$950
Mercedes mine is forecasting 225,000 - 250,000 oz silver for 2019			

Share Structure

Shares i/o	210,430,482 ⁽¹⁾
Options	12,295,000 ⁽¹⁾
RSUs/DSUs	1,495,000 ⁽¹⁾
Warrants	3,500,000 ⁽¹⁾

Top 5 Shareholders ⁽²⁾ (~35%)

Orion Mine Finance
Tocqueville
Van Eck Associates
Fidelity
Oppenheimer

Analyst Coverage

RBC Capital Markets	Mark Mihaljevic
CanaccordGenuity	Tom Gallo
Scotia Capital	Ovais Habib
CIBC World Markets	Bryce Adams
TD Securities	Daniel Earle
Cormark Securities	Tyron Breytenbach
BMO Capital Markets	Andrew Mikitchook
Exploration Insights	Brent Cook – Joe Mazumdar

Insiders ⁽²⁾ (~15%)

Total Insiders ⁽³⁾	30,876,946
Ewan Downie (6 th largest shareholder)	4,200,278

(1) As at June 30, 2019

(2) Source: TSX infosuite and Sedi as at August 12, 2019

(3) Includes Ewan Downie and Orion Mine Finance

See Disclaimer page for notes and forward looking statements

Global Reserves

PROPERTY	PROVEN RESERVES			PROBABLE RESERVES			PROVEN+PROBABLE RESERVES		
	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)
Greenstone (Hardrock)*	-	-	-	70.85	1.02	2,342	70.85	1.02	2,342
Mercedes**	0.19	9.01	56	3.19	3.31	339	3.38	3.63	395
South Arturo***	1.51	3.20	155	1.34	2.79	120	2.84	3.01	275
TOTAL	1.70	3.87	211	75.38	1.15	2,783	77.08	1.21	2,994

PROPERTY	PROVEN RESERVES			PROBABLE RESERVES			PROVEN+PROBABLE RESERVES		
	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)
Greenstone (Hardrock)*	-	-	-	-	-	-	-	-	-
Mercedes**	0.19	80.97	503	3.19	21.67	2,222	3.38	25.05	2,725
South Arturo***	-	-	-	-	-	-	-	-	-
TOTAL	0.19	80.97	503	3.19	21.67	2,222	3.38	25.05	2,725

Global Resources

PROPERTY	MEASURED RESOURCES			INDICATED RESOURCES			MEASURED+INDICATED RESOURCES			INFERRED RESOURCES		
	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)	Tonnes (Mt)	Grade (g/t Au)	Au Ounces (000's)
Greenstone*	2.03	1.07	70	18.38	2.27	1,340	20.41	2.15	1,410	13.68	3.09	1,360
Mercedes**	0.25	3.32	27	3	3.41	329	3.25	3.4	356	1.72	4.18	231
South Arturo***	2.4	1.06	81	6.82	1.03	228	9.22	1.03	309	0.76	1.3	32
McCoy-Cove****	-	-	-	0.95	11.22	342	0.95	11.22	342	3.66	11.24	1,322
Hasaga*****	-	-	-	42.29	0.83	1,124	42.29	0.83	1,124	25.14	0.78	631
TOTAL	4.68	1.18	178	71.44	1.46	3,363	76.12	1.45	3,541	44.96	2.47	3,576

PROPERTY	MEASURED RESOURCES			INDICATED RESOURCES			MEASURED+INDICATED RESOURCES			INFERRED RESOURCES		
	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)	Tonnes (Mt)	Grade (g/t Ag)	Ag Ounces (000's)
Greenstone*	-	-	-	-	-	-	-	-	-	-	-	-
Mercedes**	0.25	51.23	417	3	36.94	3,564	3.25	38.05	3,981	1.72	36.11	1,997
South Arturo***	-	-	-	-	-	-	-	-	-	-	-	-
McCoy-Cove****	-	-	-	0.95	29.53	900	0.95	29.53	900	3.66	20.89	2,457
Hasaga*****	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	0.25	51.23	417	3.95	35.16	4,464	4.2	36.13	4,881	5.38	25.76	4,454

***GREENSTONE GOLD:** Mineral reserves and resources were calculated at a gold price of US\$1250 and US\$1320 respectively. The current independent technical report on the property, dated December 21, 2016, is entitled "Hardrock Project, Ontario, Canada" was completed by G Mining Services Inc.

****MERCEDES:** For 2018, mineral reserves and mineral resources were calculated under the supervision of Stephen McGibbon, Executive Vice-President of Project & Corporate Development at Premier Gold Mines Ltd at gold prices of US\$1200 and US\$1400 and silver prices of US\$16.50 and US\$19.25 respectively. The independent technical report on the property dated April 18, 2018, entitled "TECHNICAL REPORT ON THE MERCEDES GOLD-SILVER MINE, SONORA STATE, MEXICO" provides detail on resource estimate methodologies and assumptions.

*****SOUTH ARTURO:** Calculations have been prepared by employees of Barrick under the supervision of Rick Sims, Vice President, Resources and Reserves, of Barrick, Geoffrey Locke, Manager, Metallurgy, of Barrick and Mike Tsafaras, P. Eng., Manager, Value Realization of Barrick. Except as noted below, reserves have been estimated based on an assumed gold price of US\$1,200 per ounce, an assumed silver price of US\$16.50 per ounce

******MCCOY-COVE:** Mineral resources at Cove were estimated using a gold price of US\$1400 per ounce. One ounce of gold is equivalent to 140 ounces of silver. The current independent technical report on the property, dated June 29, 2018, is entitled "PRELIMINARY ECONOMIC ASSESSMENT FOR THE COVE PROJECT, LANDER COUNTY, NEVADA" and was completed by Practical Mining LLC

*******HASAGA:** Mineral resources at Hasaga were estimated using a gold price of US\$1400 per ounce. The current independent technical report on the property, dated February 24, 2017, is entitled "NATIONAL INSTRUMENT 43-101 TECHNICAL REPORT: HASAGA PROJECT, RED LAKE MINING DISTRICT, ONTARIO, CANADA, NTS MAP SHEETS 52K/13 AND 52 N/04" and was completed by MRB and Associates.

See Disclaimer page for forward-looking statements and cautionary notes on mineral reserve and mineral resource estimates