

PREMIER

Gold Mines Limited

Premier Transformation

September 2015



**Proven Management – World Class Districts – Safe Jurisdictions
Sensible Partnerships**

Symbol: PG

Exchange: TSX

www.premiergoldmines.com

This presentation may contain "forward looking information" within the meaning of Canadian securities legislation, which are based on the opinions and estimates of management and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward looking information. Such risks and uncertainties include, but are not limited to, risks associated with the mining industry, the risk of commodity price and foreign exchange rate fluctuations, the ability of Premier to fund the capital and operating expenses necessary to achieve the business objectives of Premier, as well as those risks described in public disclosure documents filed by Premier. Due to the risks, uncertainties and assumptions inherent in forward-looking information, prospective investors in securities of Premier should not place undue reliance on these forward-looking information.

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The Preliminary Economic Assessments (PEA) discussed in this presentation is preliminary in nature, includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized. Economic studies will need to be completed prior to accurate guidance being provided.

Stephen McGibbon, P. Geo., (Executive VP Corporate and Project Development) is the Qualified Person for the information contained in this presentation and is 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 Tech Report	Company	Date
(1)	Hardrock Mineral Resource	Premier Gold Mines Limited	August 22, 2014
(2)	Trans-Canada PEA	Premier Gold Mines Limited	February 5, 2015
(3)	Hardrock (Trans-Canada)	Premier Gold Mines Limited	December 13, 2013
(4)	Bonanza	Premier Gold Mines Limited	September 17, 2009
(5)	Helen (Cove)	Premier Gold Mines Limited	January 2, 2014
(6)	South Arturo	Premier Gold Mines Limited	July 15, 2015

Set A Strategy.....Execute It!

NORTH AMERICAN-FOCUSED

EXPERIENCED MANAGEMENT TEAM

PROJECTS – SAFE JURISDICTIONS

- South Arturo, Nevada – 40% JV (Barrick)
- Trans-Canada, Ontario – 50% JV (Centerra)
- Hasaga, Red Lake – 100% Premier
- Rahill-Bonanza, Red Lake – 44% JV (Goldcorp)
- McCoy-Cove, Nevada – 100% Premier

SIGNIFICANT GOLD RESOURCES

INFRASTRUCTURE - ROADS, POWER

STRONG BALANCE SHEET

**Approx. C\$80M in cash and investments
(+ additional payment owing from Centerra)**

NO BANK DEBT



2015 – What a Start!

- **February:** Centerra Gold partners to jointly advance the Trans-Canada Property
- **February:** Premier-Goldcorp agree to property swap that results in 100% ownership of the Hasaga Property in Red Lake
- **March:** Drilling confirms new discovery at Rahill-Bonanza JV Property 200m south of the haulage drift
- **June:** Closing of South Arturo Property provides development-stage asset that will transition Premier from explorer to producer
- **June:** Closing of additional Cdn\$27 Million financing
- **June:** New discovery at McCoy, Nevada:
12.81 g/t Au, 25.56 g/t Ag and 0.68% Cu across 4.3m
- **July:** Underground drilling continues to expand “Fold Target” at Rahill-Bonanza – new assays to **36.3 g/t Au across 1.7m**
- **July:** Initial results from drilling at Hasaga confirm open pit potential
Hasaga Porphyry: 13.34 g/t Au across 5.7m and 0.98 g/t Au across 126.0m
Central Zone Target: 0.68 g/t Au over 152.0m (all assays from collar included)
- **August:** widespread mineralization discovered at Hasaga
Central Zone Target: 0.94 g/t Au over 305.5m (all assays from collar included)

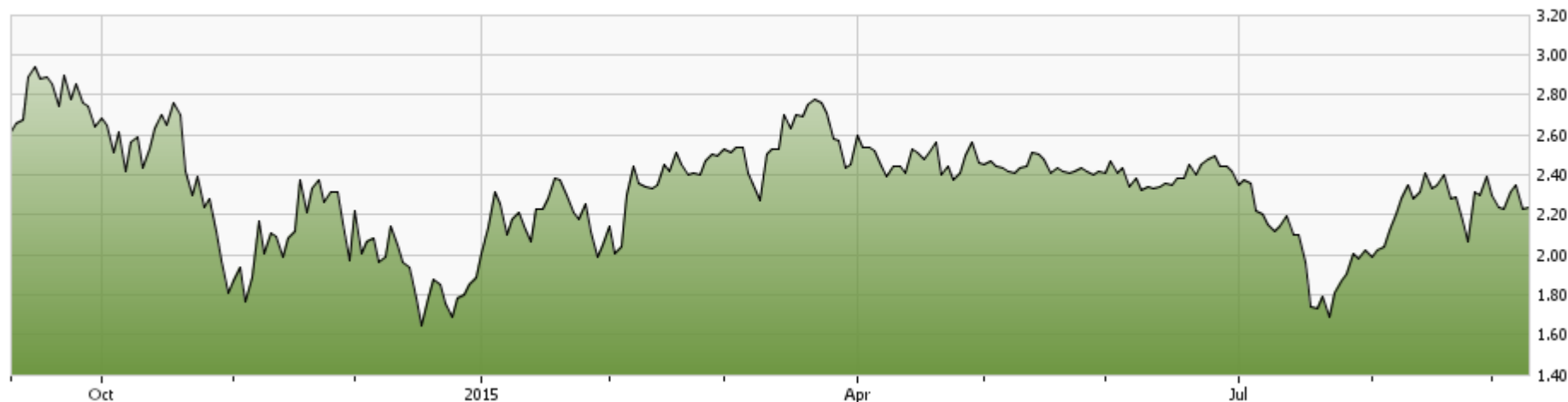
Share Structure

Total Shares I/O:	170,692,322
Stock Options:	10,381,822
Warrants:	0
Fully Diluted:	181,074,144
Cash/Investments:	~C\$80 Million

*52 week range:	C\$3.02 - C\$1.61
*Close:	C\$2.24
*Market Cap:	C\$382 Million

*as at Sept 10, 2015

Research Coverage



OPERATING IN THREE OF NORTH AMERICA'S PREMIER MINING DISTRICTS



NEVADA PROPERTIES – Securing Development Pipeline

- South Arturo project is currently in construction – production in 2016
- 100%-owned McCoy-Cove Property is located in the heart of the prolific Battle Mountain - Eureka trend
- Multiple open pit and underground opportunities at both sites



TRANS-CANADA PROPERTY – Advancing Towards Production

- Multi-million ounce gold project located in Geraldton, Ontario, Canada
- Multiple deposits – multiple development opportunities (Hardrock - Brookbank)
- Feasibility Study and final resource estimate update planned for 2015/early 2016
- Joint Venture with Centerra Gold Inc. provides clear funding path towards production



RED LAKE PROPERTIES – Strategically Located in the Heart of Red Lake

- Rahill-Bonanza is located adjacent to Goldcorp's Red Lake Gold Mines Complex
- Newly acquired Hasaga Property (100% PG) provides Premier with a wholly-owned Red Lake deposit opportunity
- Projects strategically located within the core Red Lake "Mine Trends"
- Surface and underground drill programs planned for 2015

SOUTH ARTURO

OWNERSHIP: 40% Premier – 60% Barrick

LOCATION: Carlin Trend

STATUS: Mine Construction

PROJECT HIGHLIGHTS:

- Open pit and underground resource opportunities
- Fully permitted mine project processed at Goldstrike

CURRENT DEVELOPMENTS:

- Phase 2 pit development underway
- Surface exploration drilling to test both open pit and underground mineralized horizons

McCOY-COVE

OWNERSHIP: 100% Premier

LOCATION: Battle Mountain Trend

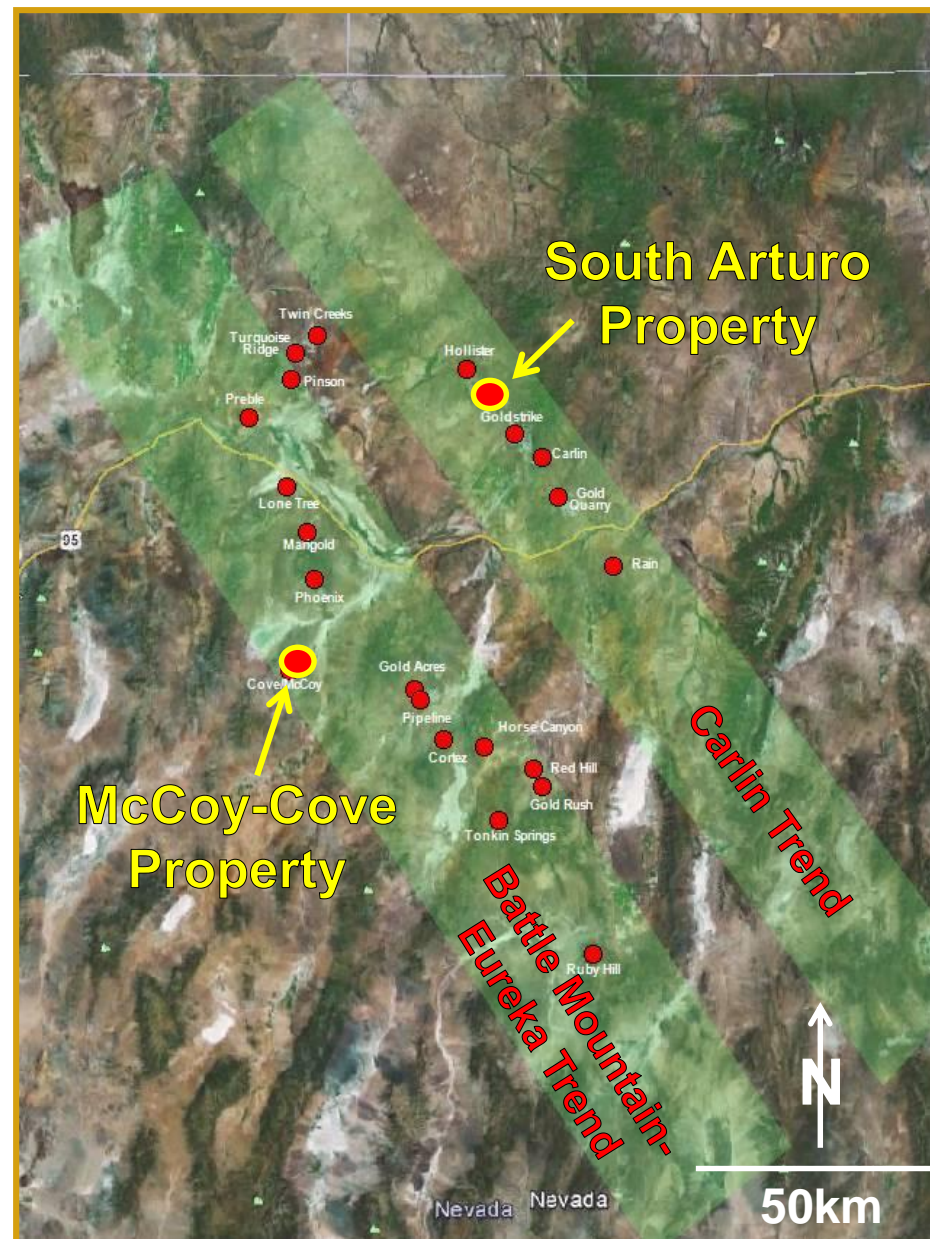
STATUS: Exploration

PROJECT HIGHLIGHTS:

- Open pit and underground resource opportunities
- Host to significant development infrastructure
- Milling agreement in place with Newmont

CURRENT DEVELOPMENTS:

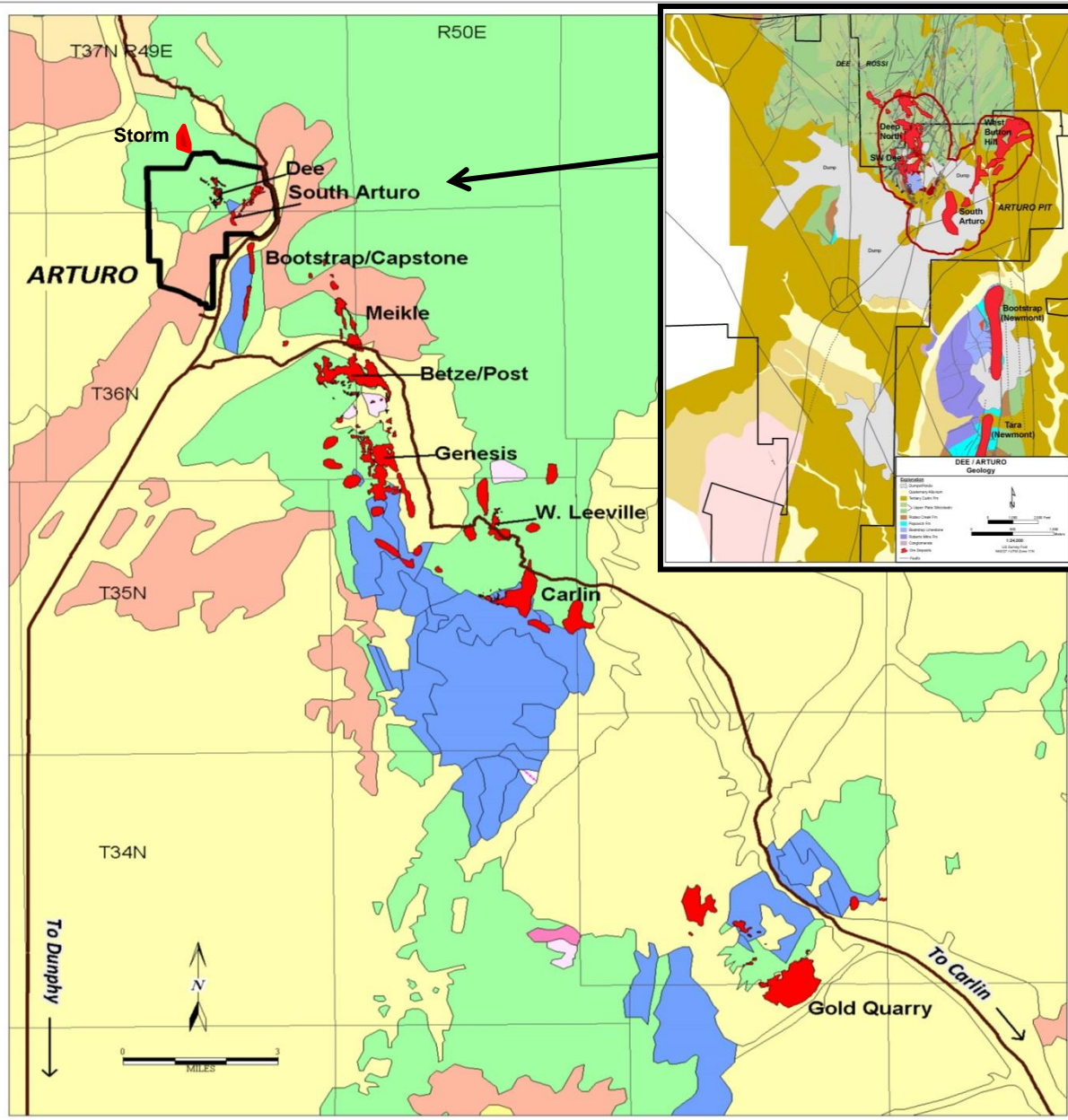
- Initial drilling success in UPC high grade target
- Discovery of deep sulphide mineralization
- Confirmation of open pit style mineralization at Windy Point and McCoy pit





- Located in the heart of the prolific Carlin Trend, Nevada
- Attractive in-ground acquisition of resources exceeding 1.0 M ounces AuEq on a 40% basis (**excluding underground upside**)
- Accelerates Premier's path to producer status with an established partner (Barrick)
- Phase 2 open pit mining project is fully-permitted and significantly de-risked – currently being pre-stripped
- Potential for open pit project to extend over 8 to 9-year period

- Quaternary-Tertiary Cover
- Tertiary Volcanics Undifferentiated
- Tertiary Intrusive Rocks
- Mesozoic Intrusive Rocks
- Mesozoic Sediments
- Mesozoic Volcanics
- Paleozoic Overlap Assemblage Sediments
- Paleozoic Eastern Assemblage Carbonate Sediments
- Paleozoic Western Assemblage Siliceous Sediments
- Gold Deposits



Centrally Located on the Carlin Trend

- Located approximately 5 road kilometres from Barrick processing facility
- Phase 2 mine is fully permitted, future mine expansion being permitted
- Multiple open pit and underground targets are being drill tested in 2015

Betze-Post (Barrick)

Meikle (Barrick)

Tara/Bootstrap (Newmont)

Phase 2 (2015-2017)

Phases 1, 3 (2018-2023)

2014 Year end Reserves and Resources (40% basis)*

2014 (40% basis only)	Category	Tonnes (Mt)	Gold (Au) Grade (g/t)	Au Ounces (‘000)	Silver (Ag) Grade (g/t)	Ag Ounces (‘000)
Ore Reserves	Proven + Probable	1.141	4.40	161	6.62	243
Mineral Resources	Measured + Indicated	20.470	1.30	860	6.67	4,390
	Inferred	3.870	0.68	80	3.46	430

*see note 6

US\$ Commodity Prices for Estimates

For Reserves: US\$1100 for Gold, US\$17.00 for Silver

For Resources: US\$1400 for Gold, US\$19.00 for Silver

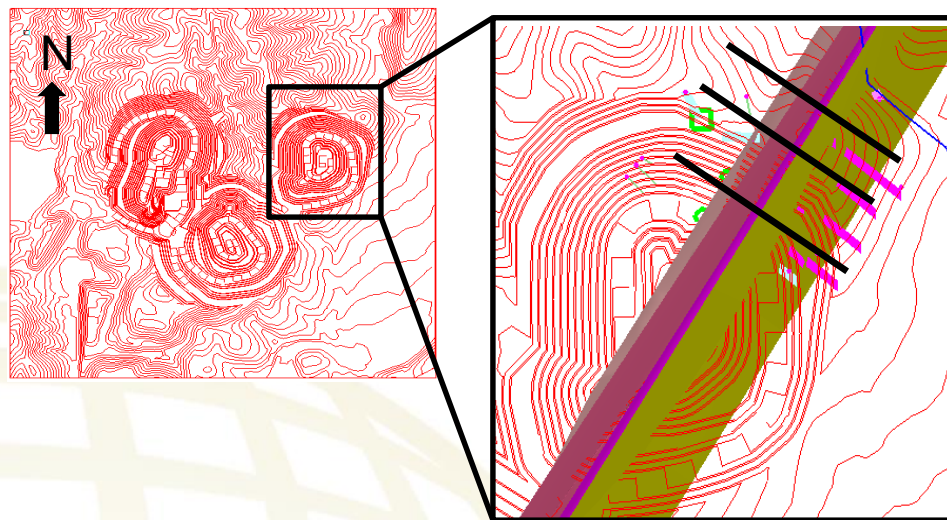
Additional Resource Potential:

- NE Button Hill – below Phase 2 pit shell
- East Dee Target below Phase 1/3 pit shells

Exploration Potential:

- Jerry’s Footwall Target – along strike from East Dee

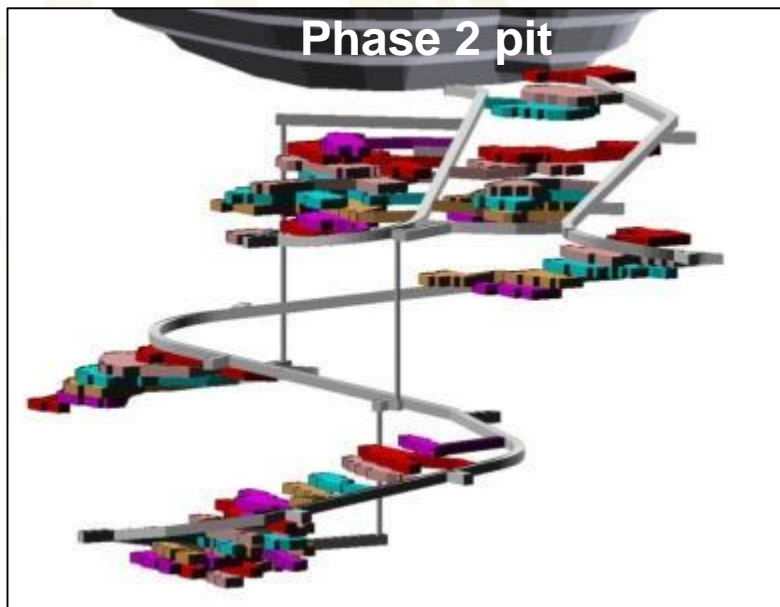
Underground Potential – NE Button Hill



2015 drill program

NE Button Hill: 15 core holes

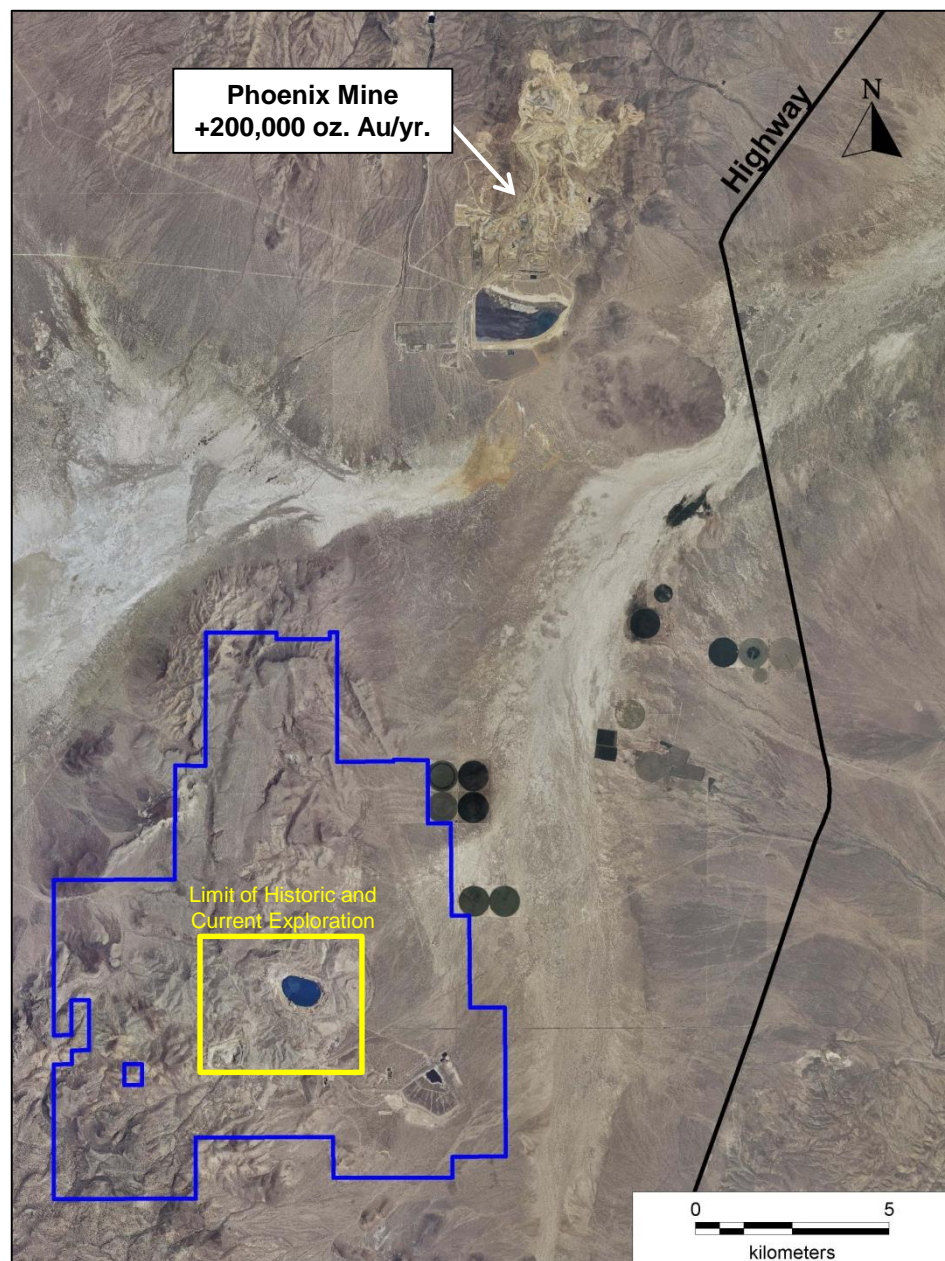
- Testing the extent of the NE-trend of known mineralization; open ended down-dip and/or along strike



- Located in the bottom of the Phase 2 Pit
- Potential to extend project mine life
- **Upside potential with further drilling, not carried in current resource**

- Located immediately south of the multi-million ounce (+ copper) Phoenix Mine operated by Newmont
- Large underexplored land package of 31,000 acres (48 sq. miles)
- Past-production at McCoy-Cove: 3.3 M ounces gold and 110M ounces silver
- Pre-arranged processing arrangement with Newmont
- Potential for open pit and underground mineable mineralization
- First step-out hole on the McCoy UPC target confirms expansion potential and intersects a new high grade gold horizon below the UPC zone:

4.3m@ 12.81 g/t Au, 25.56 g/t Ag & 0.68 % Cu



Deposit	Cut-off Category	Resource Category	Tonnes (Mt)	Gold Grade (Au g/t)	Au Ounces (Moz)
Helen*	Underground	Indicated	0.425	10.46	0.143
		Inferred	0.882	9.81	0.279

*See Note 5

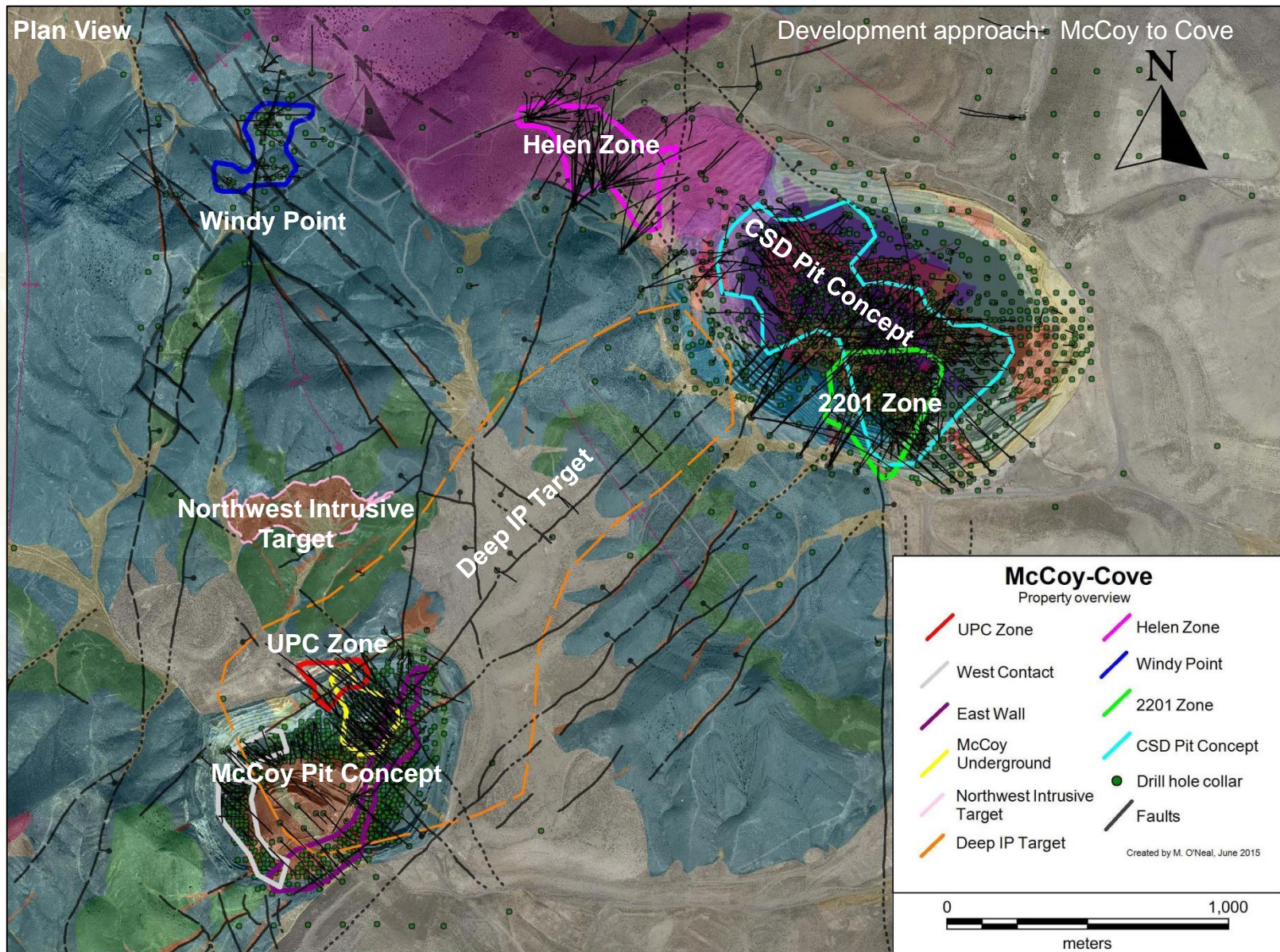
Additional Resource Potential:

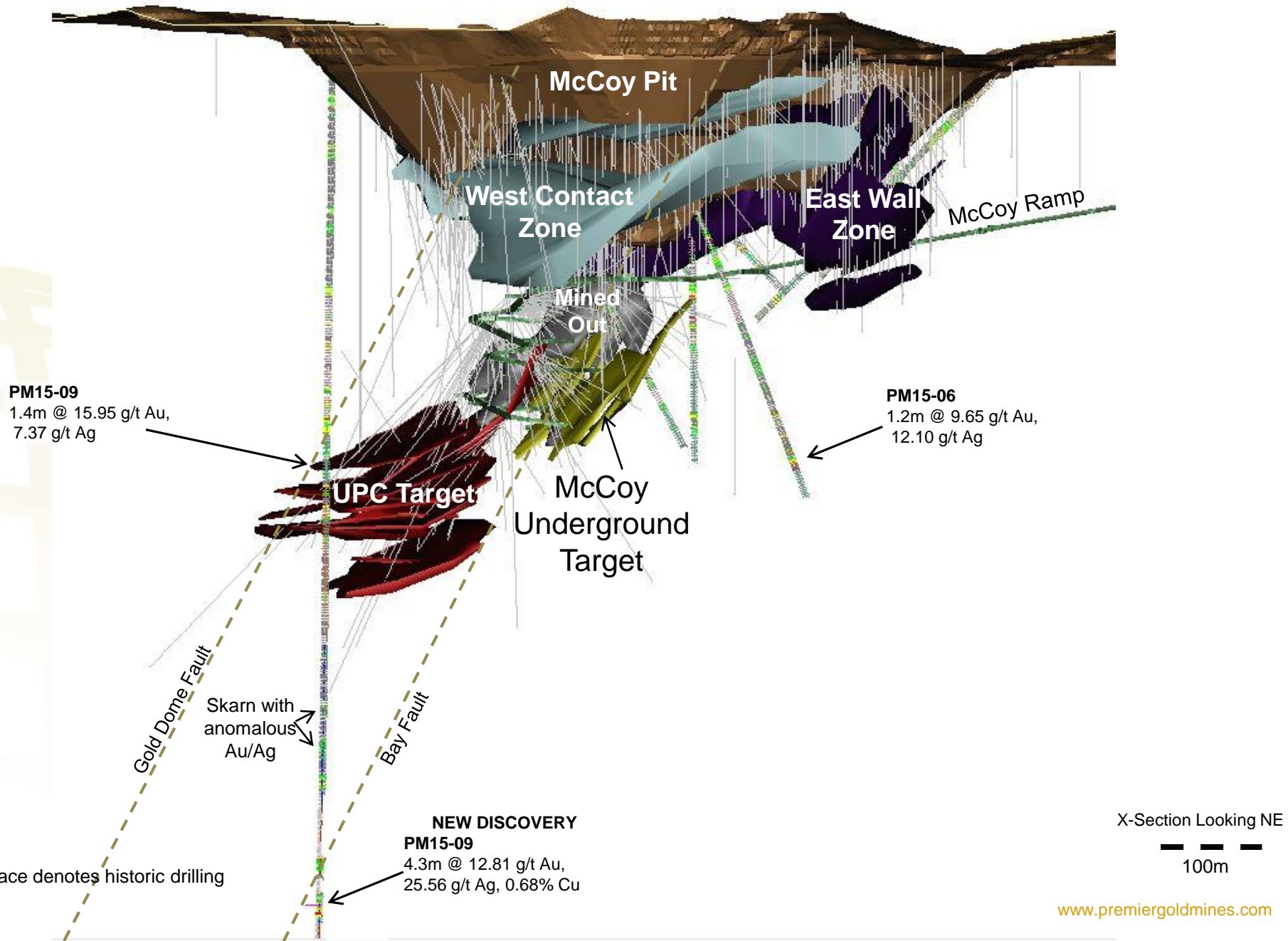
- 2201 Zone beneath Cove
- Helen Zone expansion
- UPC Zone beneath McCoy
- Cove near-pit mineralization
- Windy Point surface oxide

Exploration Potential:

- Deep IP target
- North West Intrusive
- Deep Windy Point

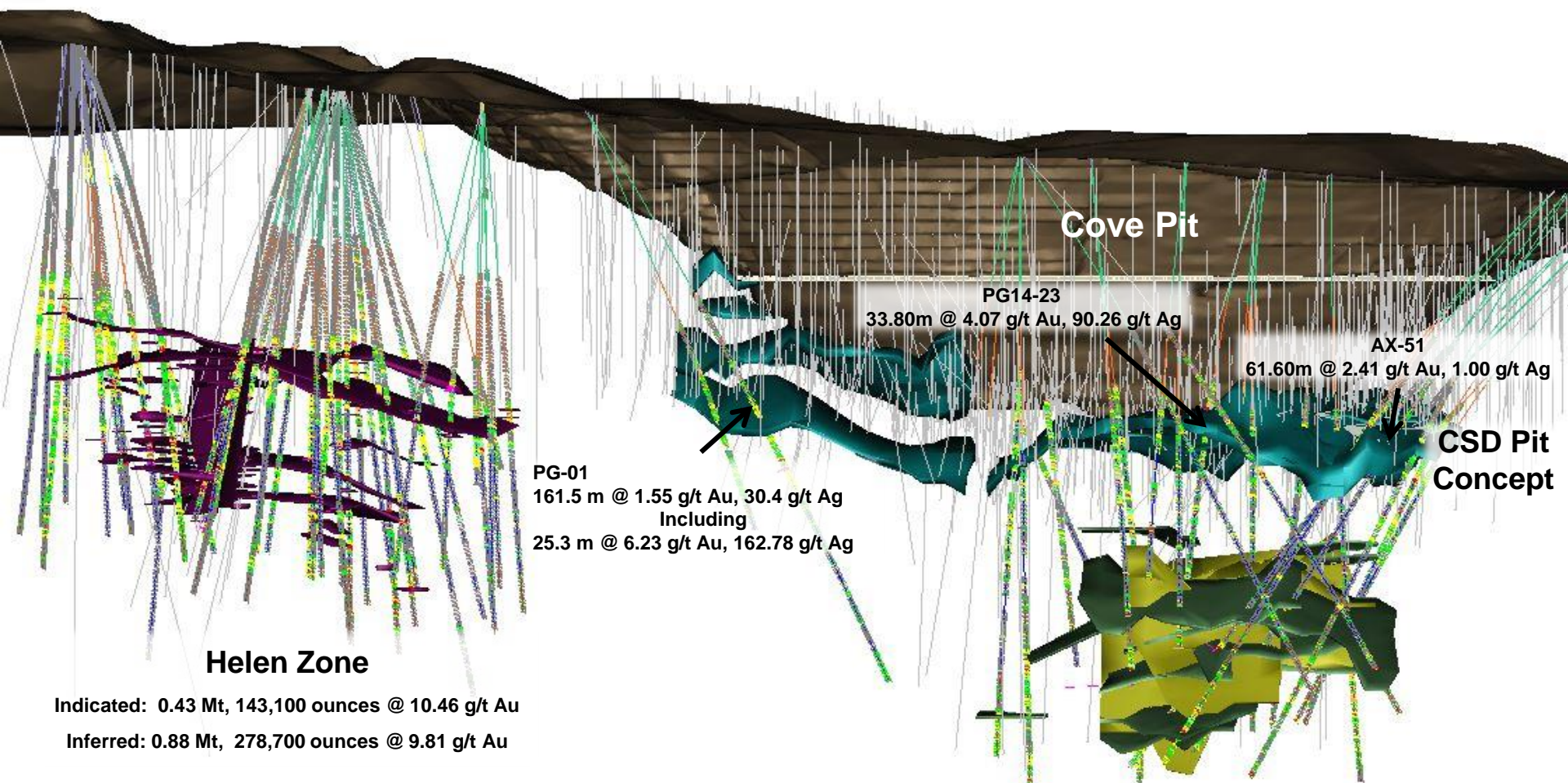
Multiple Open Pit & Underground Targets





B

B'



Long Section Looking NE

200m

www.premiergoldmines.com

Grey trace denotes historic drilling

OWNERSHIP:

Hasaga Red Lake: 100%-Premier

Rahill Bonanza: 44%-Premier – 56%-Goldcorp

LOCATION: Red Lake, Ontario

STATUS: Surface Exploration (Hasaga)
 Underground Exploration (Rahill-Bonanza)

MINERAL RESOURCES

Deposit	Cut-off Category	Resource Category	Tonnes (Mt)	Gold (Au) Grade (g/t)	Au Ounces (Mozs)
Bonanza	Underground	Inferred	2.468	6.46	0.512

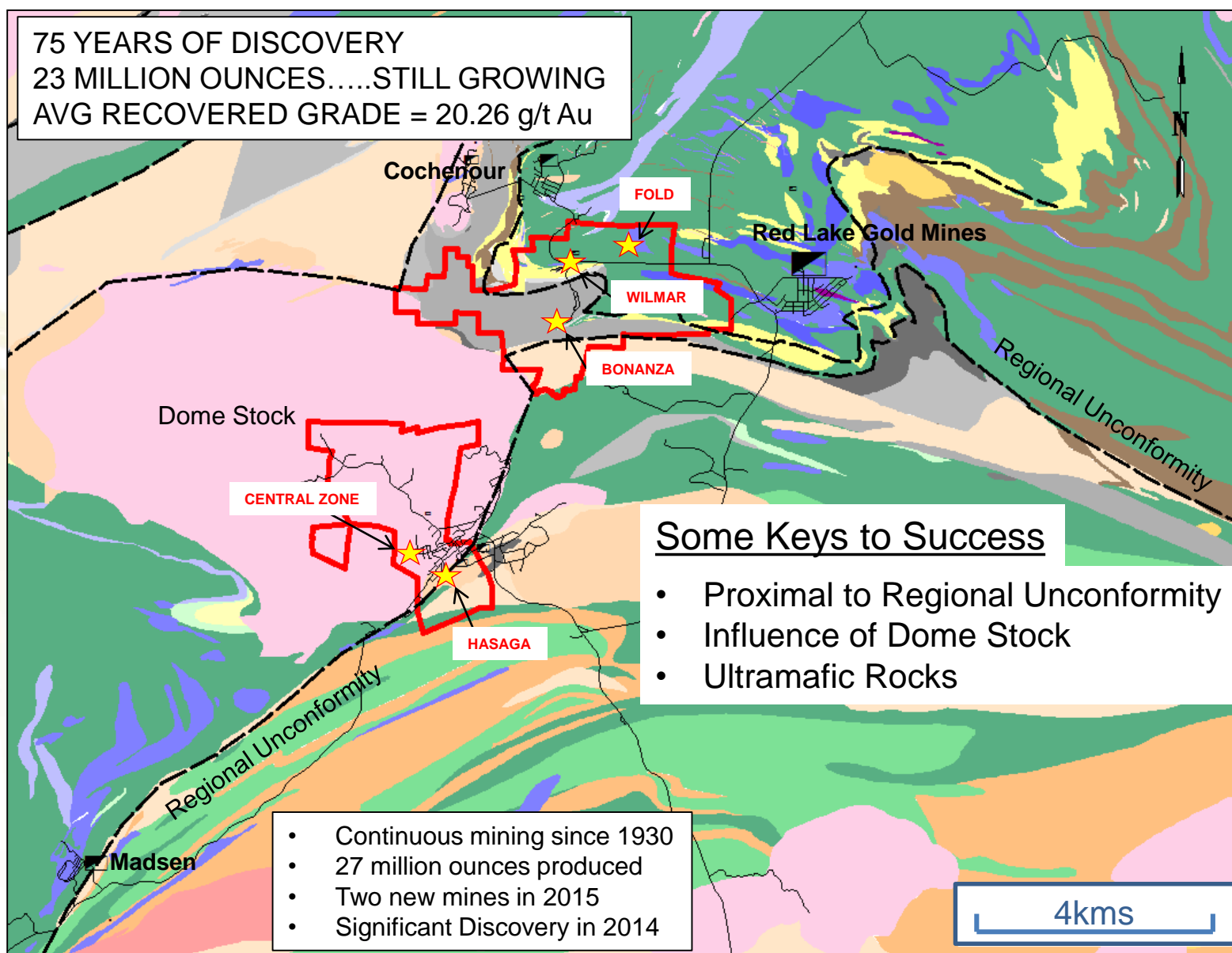
* See note 4

PROJECT HIGHLIGHTS

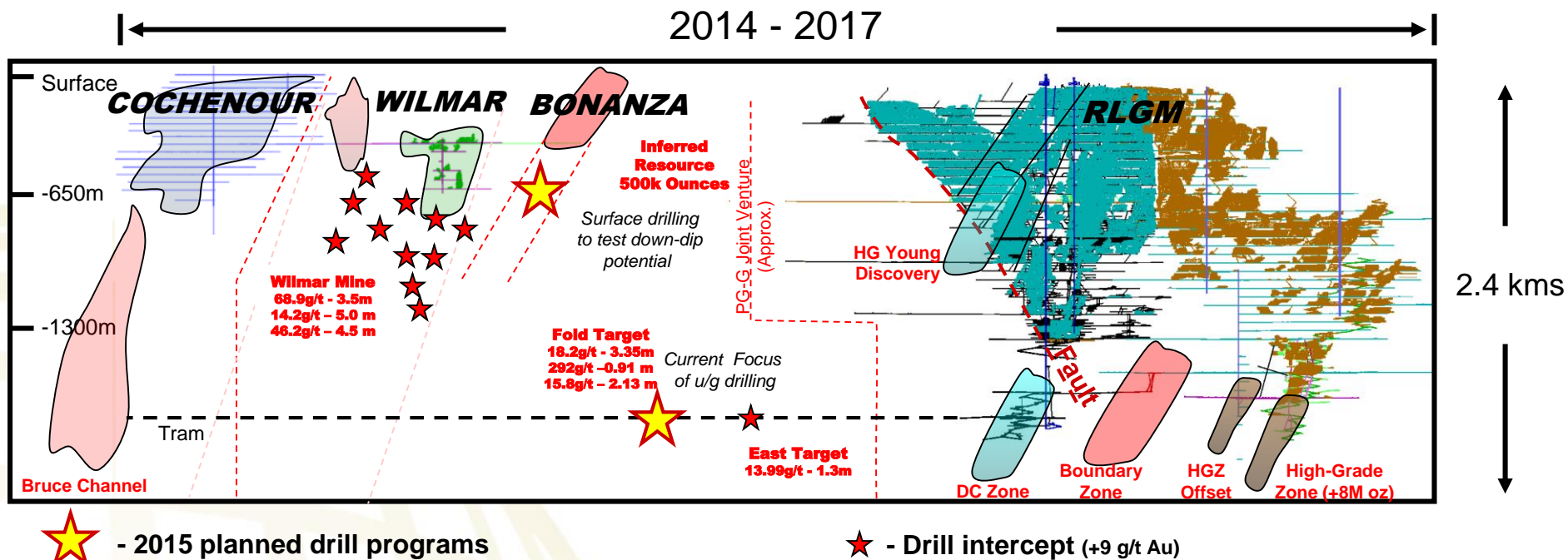
- Underground drill program underway at Rahill-Bonanza
- Surface drill program planned for Bonanza deposit
- Premier acquired a 100% interest in the past-producing Hasaga Red Lake Gold Mine

**Adjacent to Goldcorp's
Red Lake Gold Mines**





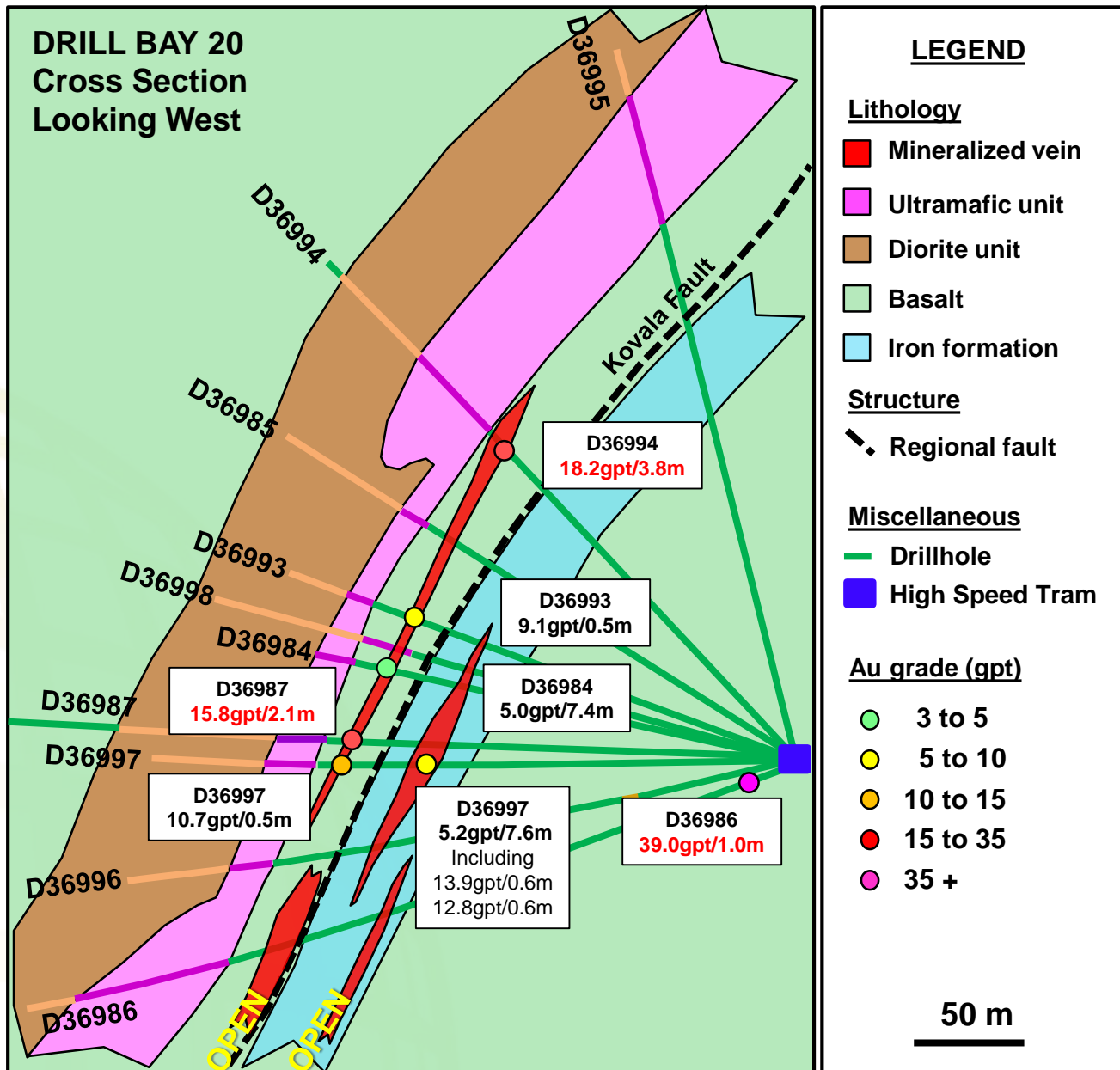
Simplified Longitudinal Section of Red Lake "Mine Trend"



2015 Drilling Priorities:

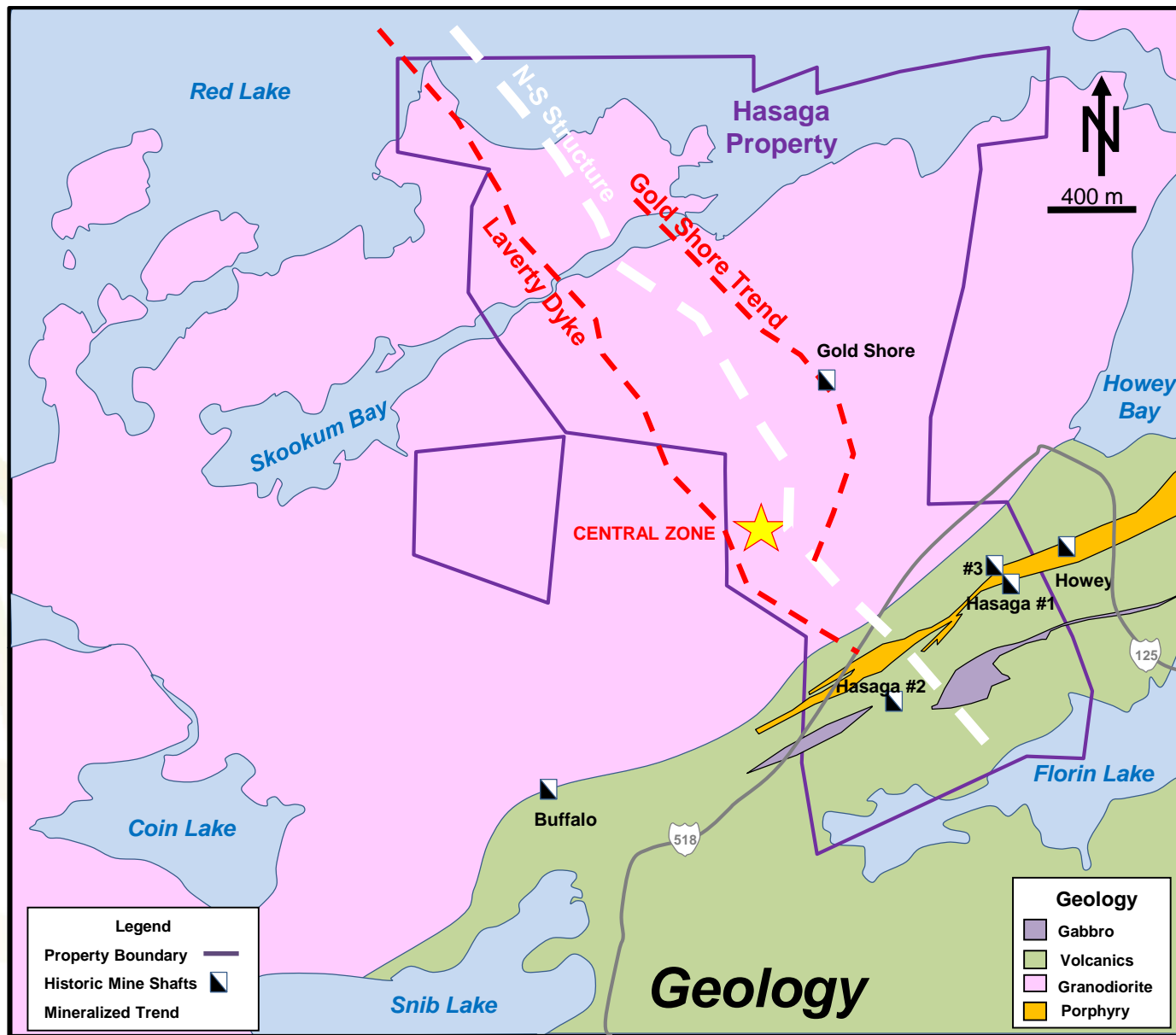
- Ultramafic "Fold Target" priority of current drilling to test "Mine Trend" geology
- Summer drill program will test the down-plunge extension of the Bonanza deposit

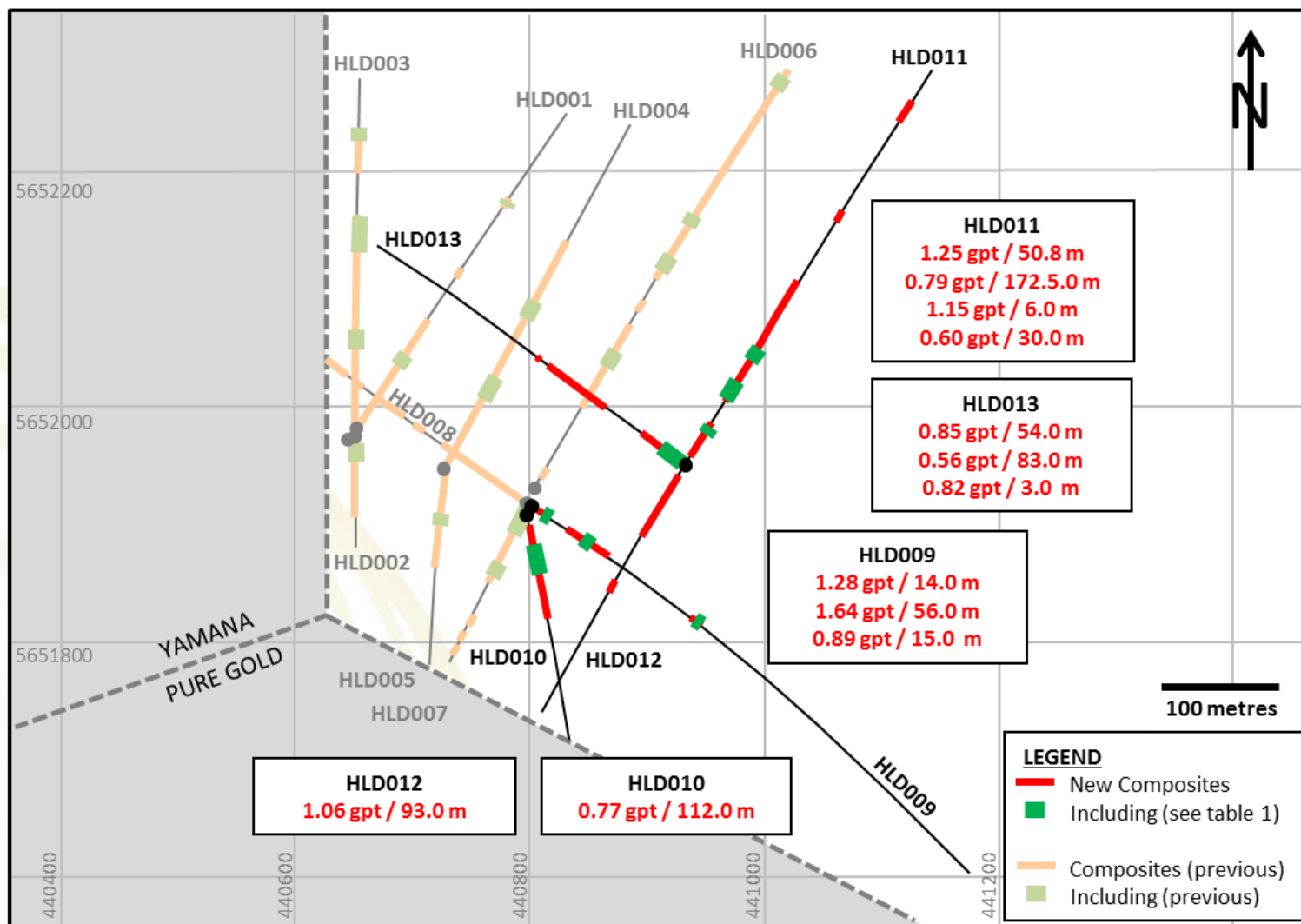
Additional tram drilling will test other target areas in H2-2015



LOCAL GEOLOGY

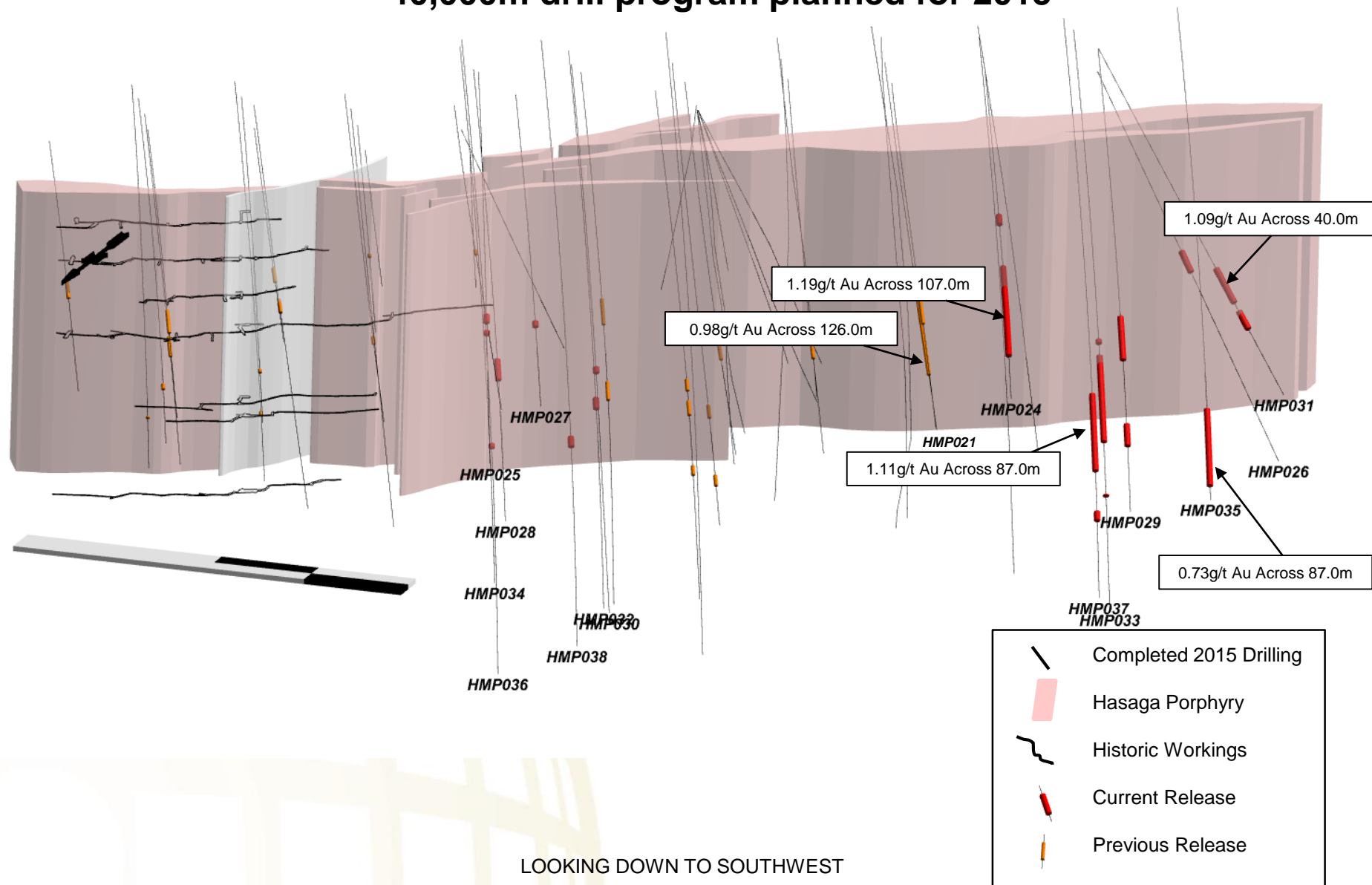
- Hasaga-Howey Mines produced some 640,000 ounces of gold between 1930-1952
- Underground mining was focused on bulk mining zones in host porphyry rock unit (Hasaga 4.94 g/t Au)
- Red Lake Gold Shore produced higher grade (8.37 g/t Au) mineralization from veining at a structural intersection
- Last exploration programs occurred in 1988 & 1996





The early stage nature of this drill program, including uncertain geometries, incomplete overall assay results and widespread mineralization precludes Premier from reliably correlating and estimating true widths at this time. **Mineralization is open in all directions.**

40,000m drill program planned for 2015



LOOKING DOWN TO SOUTHWEST

OWNERSHIP: 50% Premier - 50% Centerra

LOCATION: Geraldton, Ontario

STATUS:

- Resource Definition Drilling
- Feasibility Study Underway
- Permitting for Mine Development

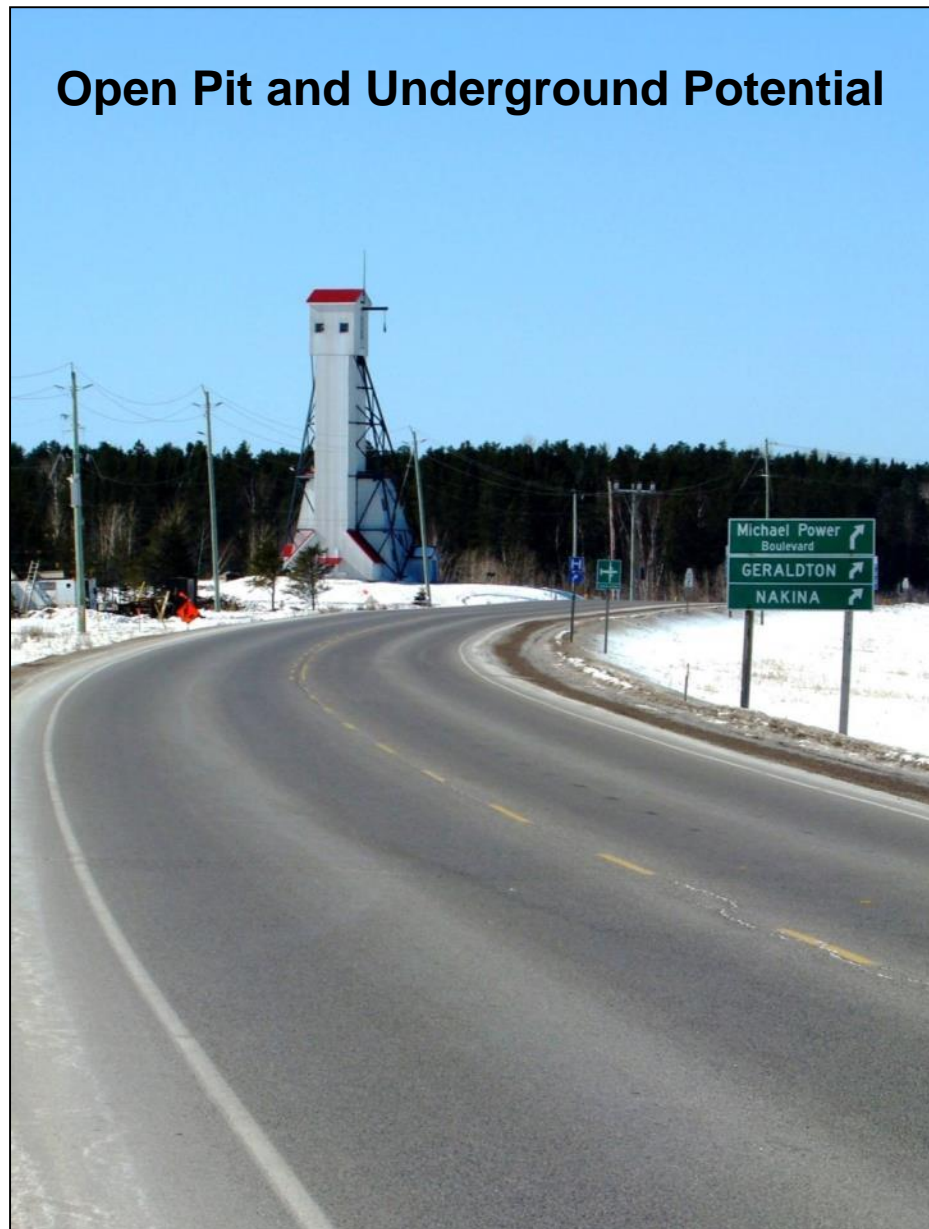
PROJECT HIGHLIGHTS

- 4 Deposits in the heart of the Beardmore-Geraldton Mining Camp
- Centerra is sole-funding the first \$185M in project expenditures
- Upside offered by multi-million ounce underground resource, various open pit options and regional exploration

CURRENT DEVELOPMENTS

- 2015 delineation drill program completed
- Resource update and Feasibility Study planned for late 2015 or early 2016

Open Pit and Underground Potential





“Continuity and Confidence”

Eric Lamontange – General Manager

- PhD in Mine Engineering; 18 years of operations and development experience
- Former Operations Manager at Meadowbank Mine (Agnico Eagle) & Mining Superintendent at Troilus Mine (Inmet Mining)

Bertho Caron– Construction Manager

- 22 years mining industry experience including engineering, construction and commissioning of mining process plants/facilities in Canada, Alaska and South America

Richard Harrisson – Director of Mining

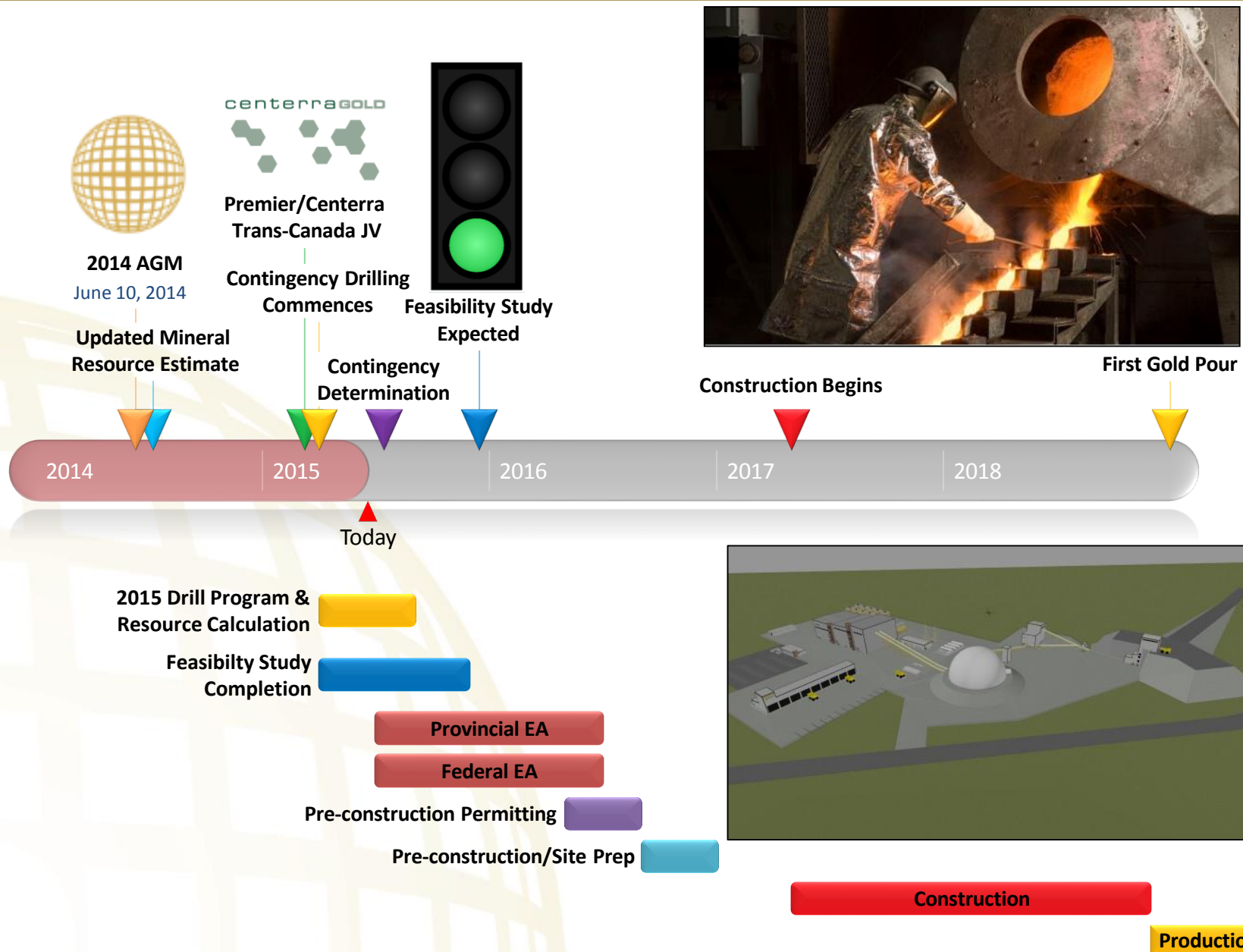
- 16 years of experience in mine development and production
- Formerly Engineering Superintendent for Agnico Eagle Mines Limited

Dyane Duquette– Director of Geology

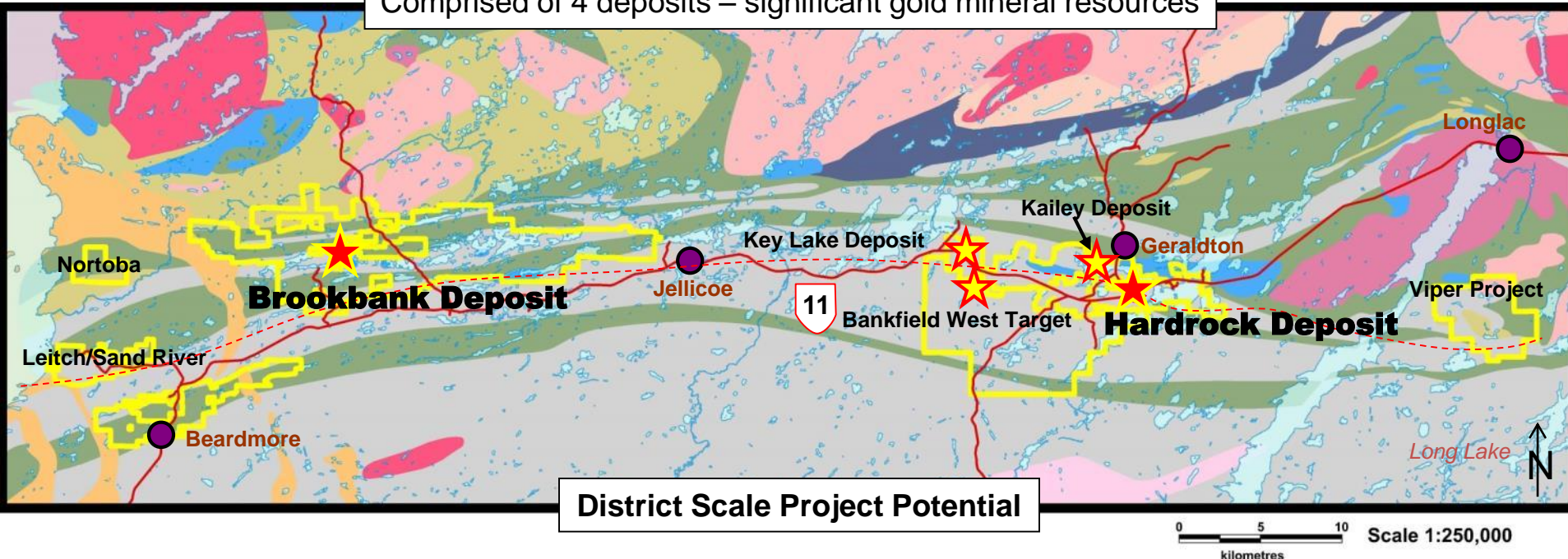
- 20 years experience in exploration, mine production, resource estimation and project evaluation in Canada

Paul Blatter– Director of Metallurgy

- Bachelor of Metallurgical Engineering
- 13 years experience in mine development process and metallurgy mines and projects in Canada and Finland

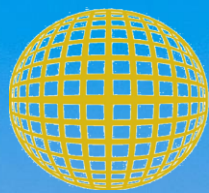


Comprised of 4 deposits – significant gold mineral resources



HARDROCK OPEN PIT DEPOSIT – COG SENSITIVITY OF 2014 MINERAL RESOURCE ESTIMATE

Portion of Deposits	Cut-off Increment (g/t)	Resource Category	Tonnes ('000)	Au Grade (g/t)	Au Ounces ('000)	W:O (Strip) Ratio
Open Pit (O/P)	0.60	Indicated	69,781	1.66	3,725	7.6
		Inferred	8,526	1.72	471	
O/P	0.50	Indicated	83,868	1.47	3,973	6.2
		Inferred	10,225	1.53	501	
O/P	0.40	Indicated	103,414	1.28	4,254	4.8
		Inferred	12,369	1.34	532	
O/P	0.30	Indicated	131,631	1.08	4,568	3.6
		Inferred	15,005	1.16	562	



PREMIER

Gold Mines Limited

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A World of Opportunity

- Premier Performance – Premier Growth – Premier Opportunity -

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