



September 2016
PGM:TSX-V

FORWARD LOOKING STATEMENT

Cautionary Statement on Forward-Looking Information & Statements

This presentation contains certain forward-looking information and statements which may not be based on fact, including without limitation, statements regarding the Company's expectations in respect of its future financial position, business strategy, future exploration and production, mineral resource potential, exploration drilling, permitting, access to capital, events or developments that the Company expects to take place in the future. All statements, other than statements of historical facts, are forward-looking information and statements. The words "believe", "expect", "anticipate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will" and similar expressions identify forward-looking information and statements.

In addition to the forward-looking information and statements noted above, this presentation includes those that relate to: the expected results of exploration activities; the estimation of mineral resources; the ability to identify new mineral resources and convert mineral resources into mineral reserves; ability to raise additional capital and complete future financings; capital expenditures and costs, including forecasted costs; the ability of the Company to comply with environmental, safety and other regulatory requirements; future prices of precious metals; the viability of restarting operations at the Madsen Project; the ability of the Company to obtain all necessary approvals and permits in connection with the development of the Madsen Project.

Such forward-looking information and statements are based upon a number of estimates and assumptions that, while considered reasonable by the Company as of the date of such information and statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Known and unknown factors could cause actual results to differ materially from those projected in the forward-looking information and statements. Such factors include, but are not limited to, fluctuations in the price of gold and other commodities, the inability of the Company to raise sufficient monies to carry out its business plan, changes in government legislation, taxation, controls, regulations and political or economic developments in Canada, the accuracy of the Company's current estimates of mineral resources and mineral grades, the accuracy of the geology and vein structures at the Madsen Project, the maintenance of access to surface rights, risks associated with mining or development activities, including the ability to procure equipment and supplies, including, without limitation, drill rigs, the speculative nature of exploration and development, including the risk of obtaining necessary licenses and permits and the ability of the Company to re-start operations at the Madsen Project. Many of these uncertainties and contingencies can affect the Company's actual performance and could cause actual performance to differ materially from those expressed or implied in any forward-looking information and statements made by, or on behalf of, the Company. Readers are cautioned that forward-looking information and statements are not guarantees of future performance. There can be no assurance that such information and statements will prove to be accurate and actual results and future events could differ materially from those presented in such information and statements. Forward-looking information and statements is subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking information and statements. Such risks include, but are not limited to, the volatility of the price of gold, uncertainty of mineral resources, exploration potential, mineral grades and mineral recovery estimates, delays in exploration and development plans, insufficient capital to complete development and exploration plans, risks inherent with mineral acquisitions, delays in obtaining government approvals or permits, financing of additional capital requirements, commercial viability of mineral deposits, cost of exploration and development programs, risks associated with competition in the mining industry, risks associated with the ability to retain key executives and personnel, title disputes and other claims, changes in governmental and environmental regulation that results in increased costs, cost of environmental expenditures and potential environmental liabilities, accidents, labour disputes, and the inability of the Company to re-start operations at the Madsen Project. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking information and statements. Please see the Company's Annual Information Form dated June 17, 2016 available on the Company's website at www.puregoldmining.ca or on the Company's Sedar profile at www.sedar.com, for details of other risks facing the Company.

The Company disclaims any intention or obligation to update or revise any forward-looking information and statements whether as a result of new information, future events or otherwise, except to the extent required by applicable laws.

Phil Smerchanski, P.Geo., Vice President of Exploration for the Company and a "Qualified Person" under National Instrument 43-101, has reviewed and approved the scientific and technical information in this presentation.

All currencies are reported in Canadian dollars unless otherwise specified.

A FRESH LOOK AT A HISTORIC PRODUCER

JURISDICTION Red Lake, Ontario, Canada – an established mining district with more than 28 million ounces of high grade gold produced to date ⁽¹⁾

HIGH GRADE GOLD One of the highest grade undeveloped deposits in the world ⁽²⁾ with currently defined resources of 928,000 ozs at 8.93 g/t Au in 3.24 Mt Indicated and 297,000 ozs at 11.74 g/t Au in 0.79 Mt Inferred ⁽³⁾

INFRASTRUCTURE Historic producer with permitted mine infrastructure, including existing mill, shaft, portal and decline, permitted tailings facility – connected to roads and power

POSITIVE PEA STUDY ⁽³⁾ Robust economics based on development using existing infrastructure and a portion of the mineral resource: Pre-Tax NPV_{5%} of \$104 million, IRR of 74% ⁽⁴⁾

DRILL PROGRAM ACCELERATED Four-rig 51,000 metre drill program

TEAM Highly skilled and passionate individuals with extensive capital markets experience and expert technical knowledge of the Red Lake district geology and operations

GROWTH THROUGH MODERN SCIENCE Unlocking the next multi-million ounce deposit at Red Lake with the Madsen Gold Project – open in all directions with an aggressive exploration program underway

(1) Compiled from Ontario geological survey reports

(2) Sourced from the Natural Resource Holdings Global Gold Mines & Deposit Ranking of 2013

(3) The mineral resource estimate reported herein and PEA results for the Madsen Gold Project are set out in the NI 43-101 technical report "Technical Report on the Preliminary Economic Assessment for the Madsen Gold Project" with an effective date of April 20, 2016, authored by independent Qualified Persons, and is in accordance with NI 43-101 Standards of Disclosure for Mineral Projects

(4) After-tax NPV_{5%} of \$76 million, IRR of 62%

Management & Technical Team

Darin Labrenz, President, CEO & Director

- Former VP Business Development, Terrane Metals Corp.
- Former Chief Geologist, Placer Dome's Campbell Mine

Sean Tetzlaff, CFO & Corporate Secretary

- Co-founder of Oxygen Capital Corp.
- Former CFO, VP Finance & Corporate Secretary of Fronteer Gold
- Former CFO of Aurora Energy Resources

Phil Smerchanski, Vice President, Exploration

- More than 15 years exploration experience, including a decade exploring North America with major global companies
- Consultant to several high profile mining companies, including as technical advisor to Goldcorp on near-mine exploration in Red Lake

Christopher Lee, Chief Geoscientist

- More than 25 years' experience in mineral exploration & resource evaluation, primarily focused on gold deposits
- Former Chief Geoscientist of Fronteer Gold, Aurora Energy & True Gold
- A semi-finalist in the Goldcorp Challenge

Board of Directors

Graeme Currie, Chairman

- Former Director, Investment Banking at Canaccord Genuity
- Former Senior Mining Analyst at Canaccord Genuity
- Current Director of Balmoral Resources

Mark O'Dea, Director

- Former Executive Chairman of True Gold Mining
- Current Chairman of Pilot Gold
- Former President & CEO of Fronteer Gold
- Placed second in the Goldcorp Challenge

Rob Pease, Director

- Former President & CEO of Sabina Gold & Silver
- Former President & CEO of Terrane Metals
- Former Manager, Canada Exploration & Global Projects at Placer Dome

Troy Fierro, Director

- Mining engineer with more than 30 years of industry experience
- Former COO of Fronteer Gold
- Former Vice President Operations at Metallica Resources

Len Boggio, Director

- Former Partner with PricewaterhouseCoopers LLP; led PwC's mining industry practice

Darin Labrenz, President, CEO & Director

Pure Gold Mining

CAPITAL STRUCTURE

Capital Structure (as at September 9, 2016)

Shares Outstanding 172.5 million

Options Outstanding 8.4 million
Weighted average exercise price \$0.27

Fully Diluted Shares Outstanding 180.9 million

Cash & Marketable Securities \$22.0 million
As at September 9, 2016

Basic Market Capitalization ⁽¹⁾ ~\$121 million

Note: all \$ amounts shown are in Canadian currency

Key Shareholders ⁽²⁾

Management & Directors 4.4%

Strategic Shareholders 22.4%
AngloGold Ashanti 12.0%
Evanachan Ltd. (Robert McEwen) 10.4%

Institutional Shareholders⁽²⁾ 14.8%

Analyst Coverage



Michael Bandrowski
416.643.3870



Tyron Breytenbach
416.943.6747



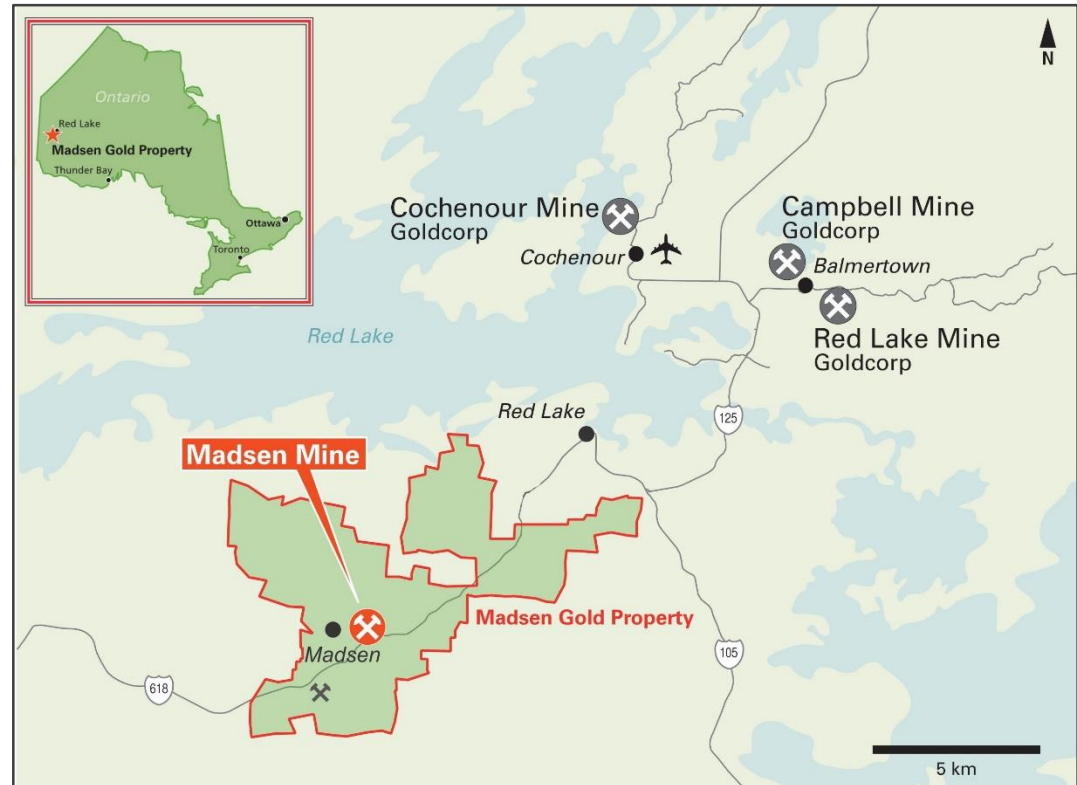
Michael Gray
604.639.6372

(1) Basic market capitalization as at September 9, 2016 (based on Pure Gold's closing share price on the TSXV of C\$0.70)

(2) Percentage ownership based on basic shares outstanding; ownership information based on public disclosure

+28 million oz
high-grade gold mined
in Red Lake to date ⁽¹⁾

- Established, mining-friendly jurisdiction with +85 year history
- 1.3 million ounces of gold produced in the district at a grade of 19.5 g/t from 2013 to 2015 ⁽²⁾
- District continues to deliver discoveries through new geologic understanding



FOCUSED ON DISCOVERY IN A PROVEN DISTRICT

3rd largest

LAND PACKAGE IN RED LAKE

2.5 million oz

HISTORIC PRODUCTION ⁽¹⁾

9.9 g/t

AVERAGE HISTORIC GRADE ⁽¹⁾

- Permitted mill and tailings management facility
- 45 km² contiguous, patented claims
- Second largest historic producer in Red Lake, with continuous historical production from 1938 to 1974
- Established high-grade resource based on 13,624 drill holes ⁽¹⁾
 - ✓ **928,000 ounces gold Indicated**
(3.24 Mt at 8.93 g/t Au)
 - ✓ **297,000 ounces gold Inferred**
(0.79 Mt at 11.74 g/t Au)
- Madsen mineral system open for expansion with drilling to date outlining significant potential to add to an already well-endowed mining complex



⁽¹⁾ See the NI 43-101 technical report "Technical Report on the Preliminary Economic Assessment for the Madsen Gold Project" with an effective date of April 20, 2016, authored by independent Qualified Persons, and is in accordance with NI 43-101 Standards of Disclosure for Mineral Projects.

Madsen Mine & Mill

+\$200 MILLION OF EXISTING INFRASTRUCTURE



Madsen mine complex, Russet South in background



Interior of Madsen mill



Madsen mill



*1,275 metre deep shaft
& 27 levels of workings*



Permitted tailings facility

Madsen Gold Project

CURRENT MINERAL RESOURCE

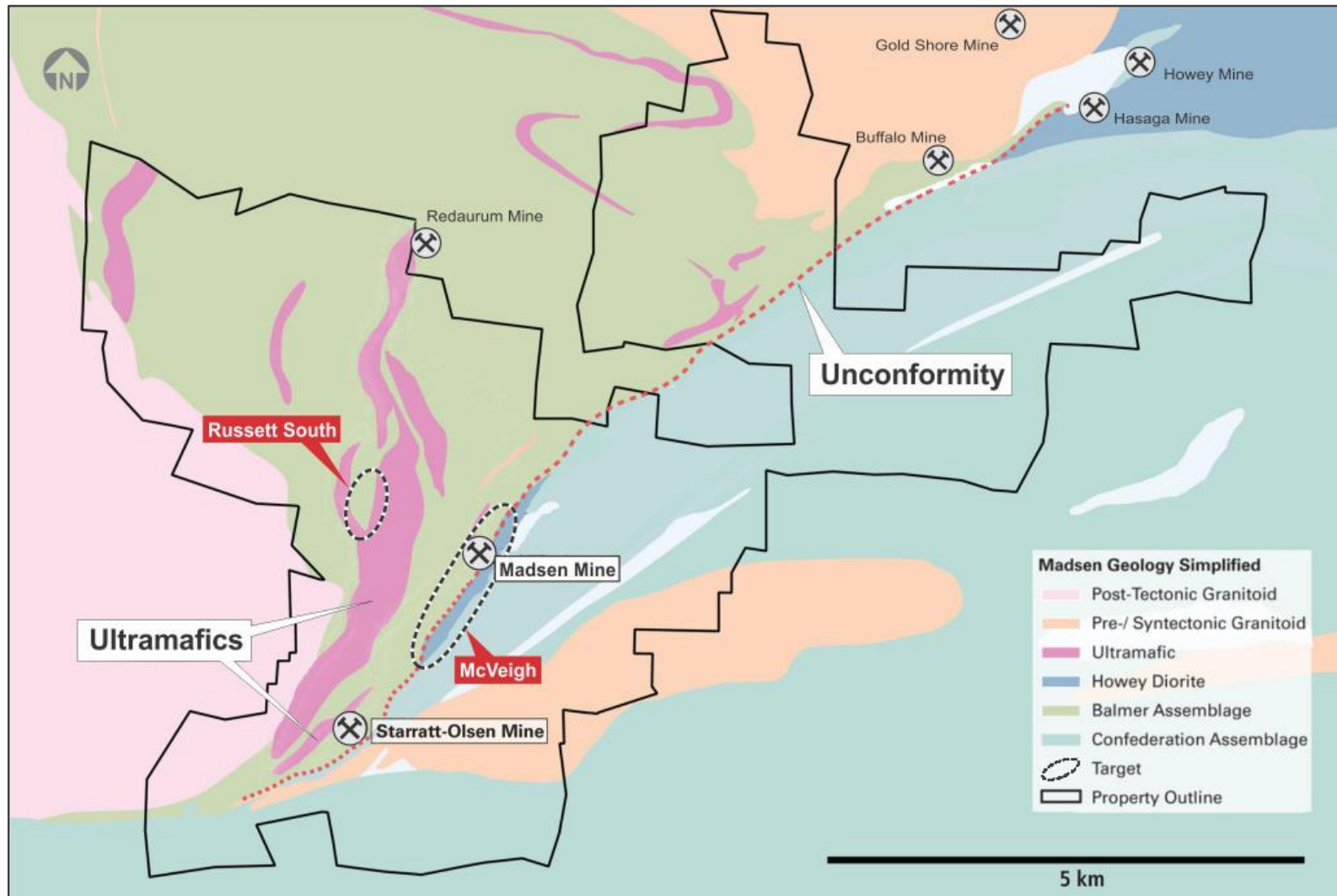
Resource Class	Zone	Host Type	Tonnes	Grade g/t Au	Grade oz/t	Contained Gold oz Au
Indicated						
	Austin	<i>Unconformity</i>	1,677,000	7.92	0.23	427,000
	South Austin	<i>Unconformity</i>	850,000	9.32	0.27	254,000
	McVeigh	<i>Unconformity</i>	374,000	9.59	0.28	115,000
	8 Zone	<i>Ultramafic</i>	335,000	12.21	0.36	132,000
	Total Indicated		3,236,000	8.93	0.26	928,000
Inferred						
	Austin	<i>Unconformity</i>	108,000	6.30	0.18	22,000
	South Austin	<i>Unconformity</i>	259,000	8.45	0.25	70,000
	McVeigh	<i>Unconformity</i>	104,000	6.11	0.18	20,000
	8 Zone	<i>Ultramafic</i>	317,000	18.14	0.53	185,000
	Total Inferred		788,000	11.74	0.34	297,000

Mineral resources are not mineral reserves and do not have demonstrated economic viability. All figures have been rounded to reflect the relative accuracy of the estimates. Reported at a cut-off grade of 5.0 g/t Au based on US\$1,000 per troy ounce of gold and gold metallurgical recoveries of 94%.

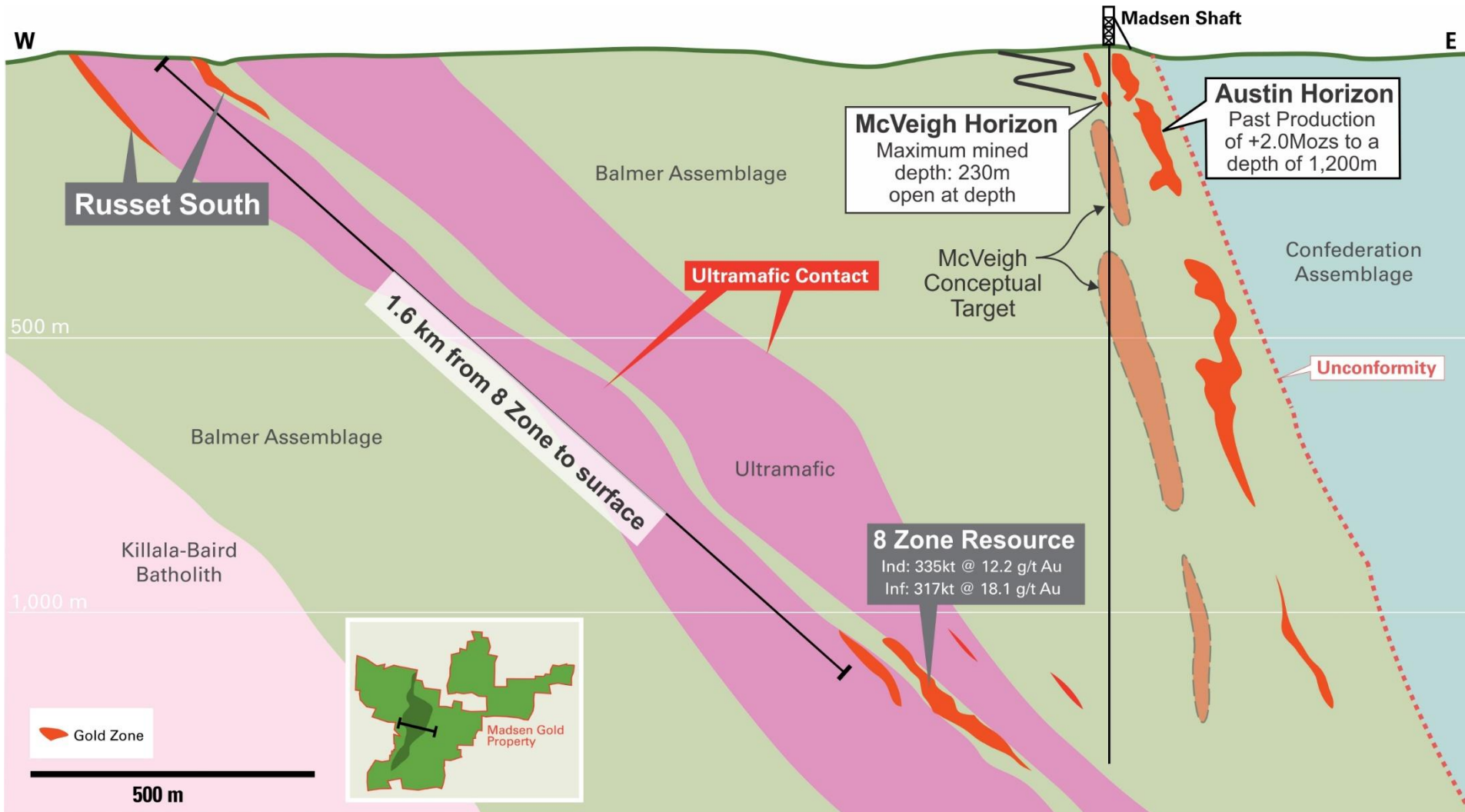
The mineral resource estimate reported herein for the Madsen Gold Project is set out in the NI 43-101 technical report "Technical Report on the Preliminary Economic Assessment for the Madsen Gold Project" with an effective date of April 20, 2016, authored by independent Qualified Persons, and is in accordance with NI 43-101 Standards of Disclosure for Mineral Projects.

MODERN SCIENCE DRIVING EXPLORATION

- Multiple highly prospective targets currently being drill tested
- 10 kms of unconformity and +30 kms of prospective contact zone mineralization



MULTIPLE GOLD ZONES OPEN FOR EXPANSION

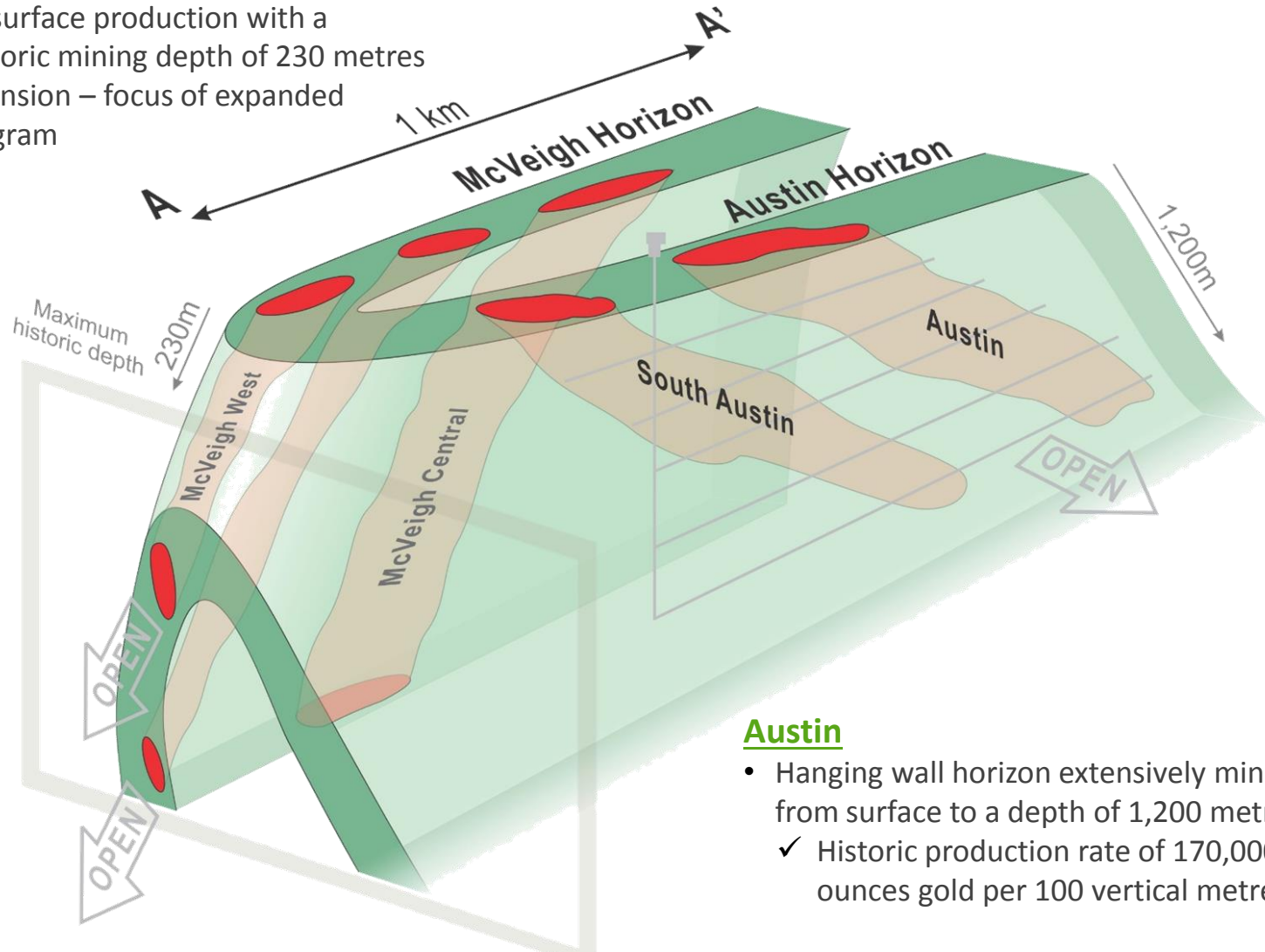


Note: Mine workings and geologic contacts in this image are schematic. The mineral resource estimate reported herein for the Madsen Gold Project is set out in the NI 43-101 technical report "Technical Report on the Preliminary Economic Assessment for the Madsen Gold Project" with an effective date of April 20, 2016, authored by independent Qualified Persons, and is in accordance with NI 43-101 Standards of Disclosure for Mineral Projects.

AUSTIN – MCVEIGH FOLD REPETITION

McVeigh

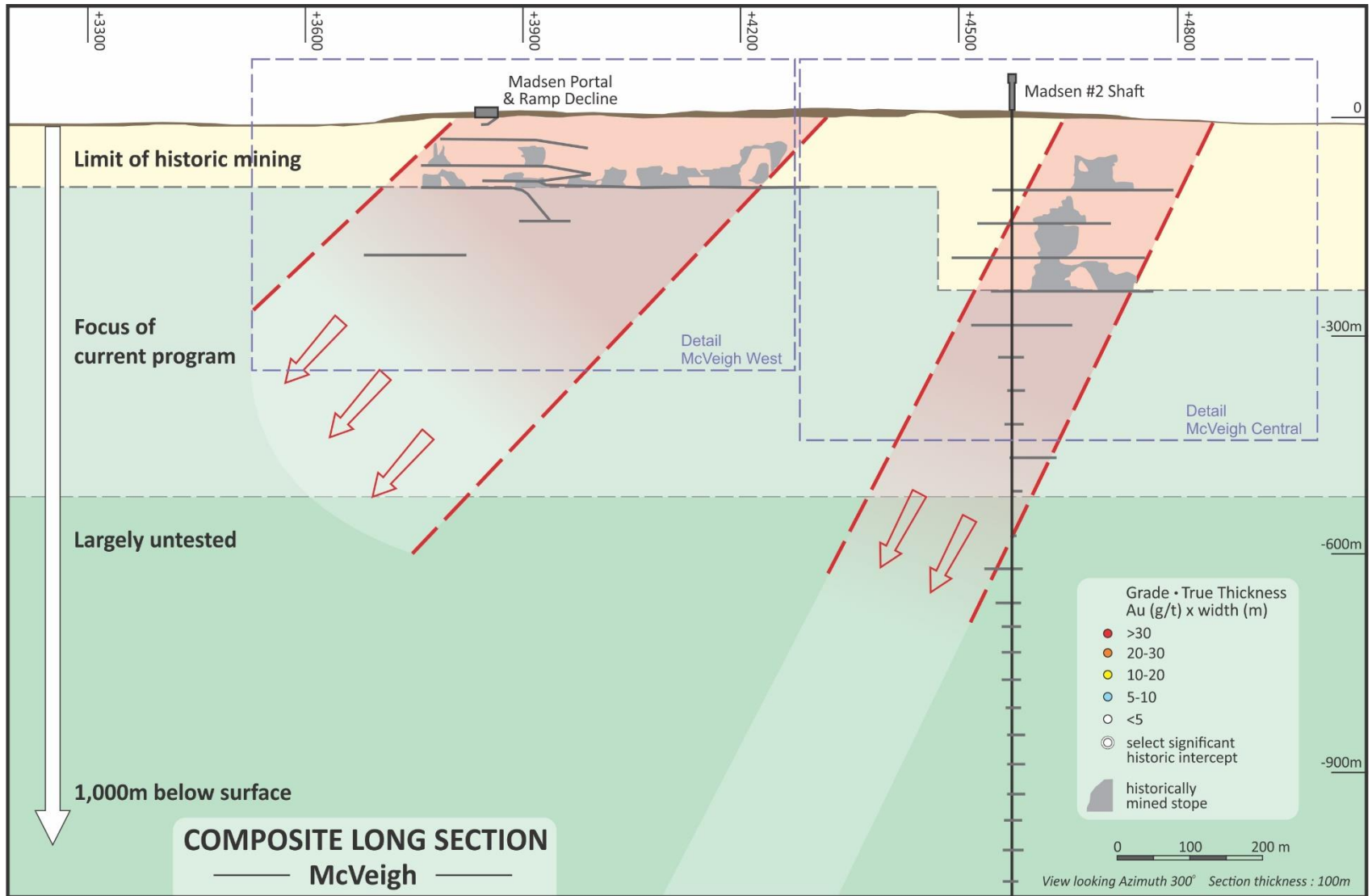
- Limited near-surface production with a maximum historic mining depth of 230 metres
- Open for expansion – focus of expanded 2016 drill program



Austin

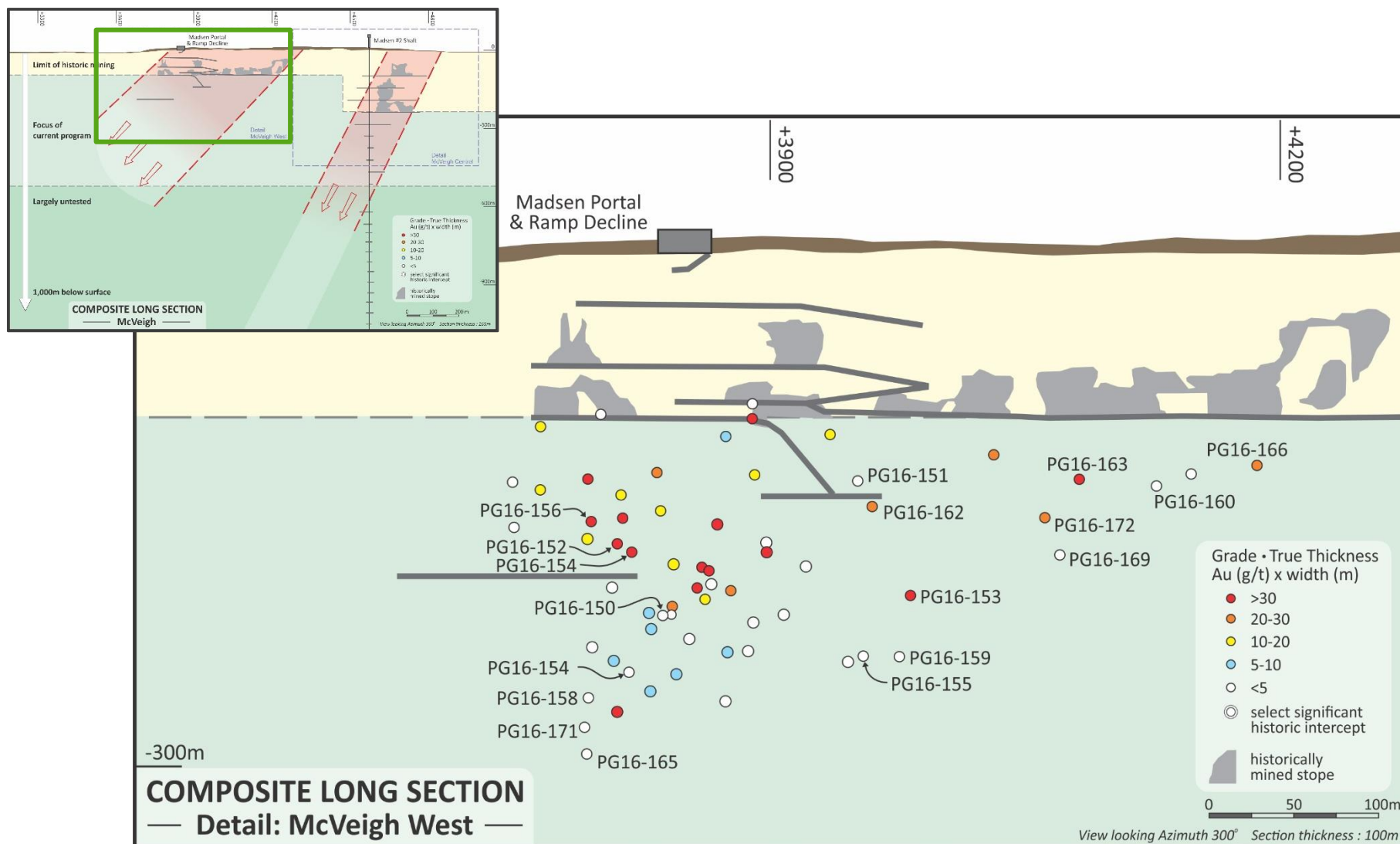
- Hanging wall horizon extensively mined from surface to a depth of 1,200 metres
 - ✓ Historic production rate of 170,000 ounces gold per 100 vertical metres

TARGETING HIGH GRADE GOLD SHOOTS AT MCVEIGH



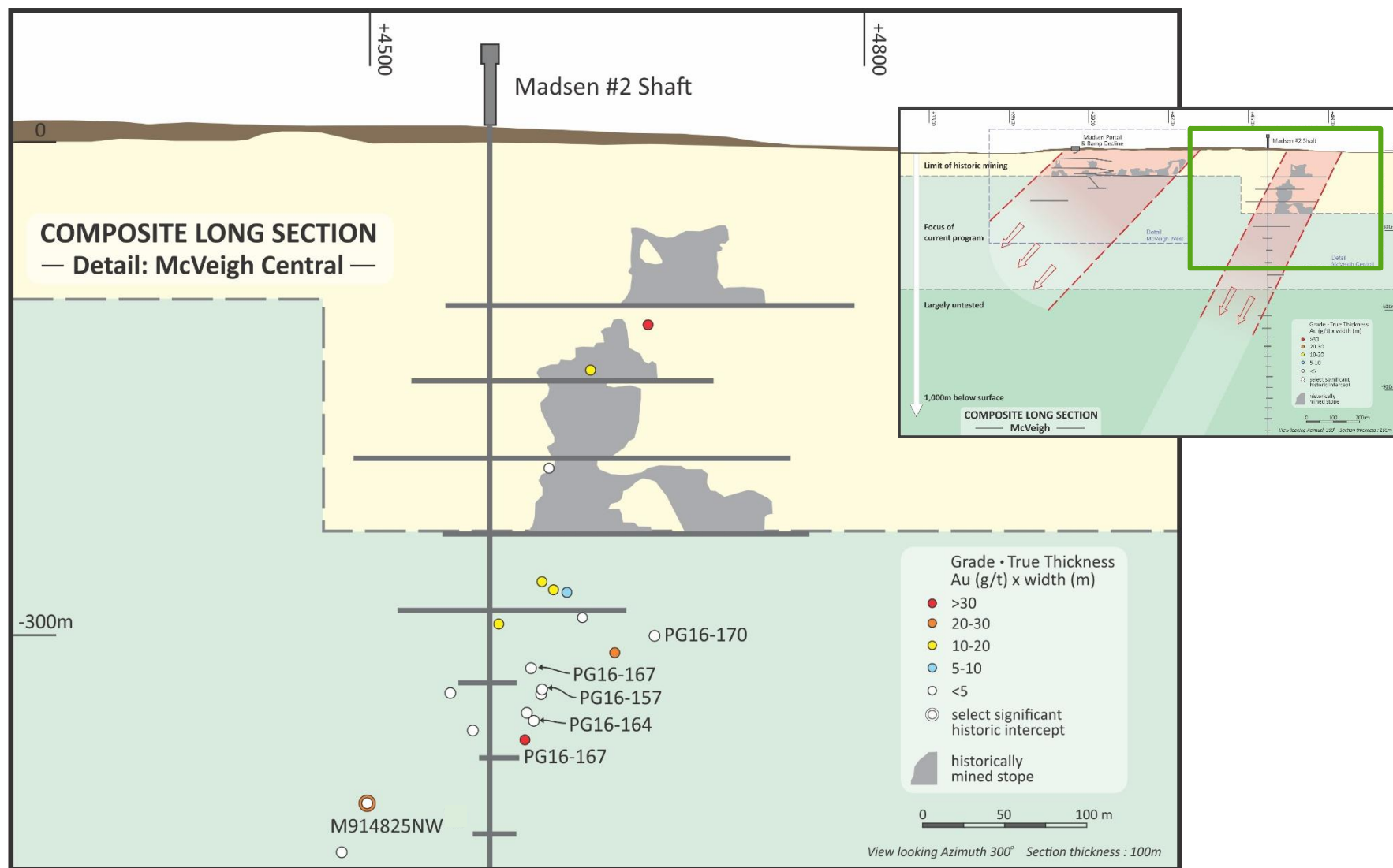
Note: See Pure Gold news releases dated March 1, 2016, April 4, 2016, May 17, 2016, June 14, 2016, July 14, 2016, August 9, 2016 and September 9, 2016 for further details and disclosure; See the National Instrument 43-101 technical report entitled "Technical Report on the Preliminary Economic Assessment For the Madsen Gold Project," prepared by Nordmin Engineering Ltd., dated effective April 20, 2016 and available on Pure Gold's Sedar profile at www.sedar.com

TARGETING HIGH GRADE GOLD SHOOTS AT MCVEIGH



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TARGETING HIGH GRADE GOLD SHOOTS AT MCVEIGH



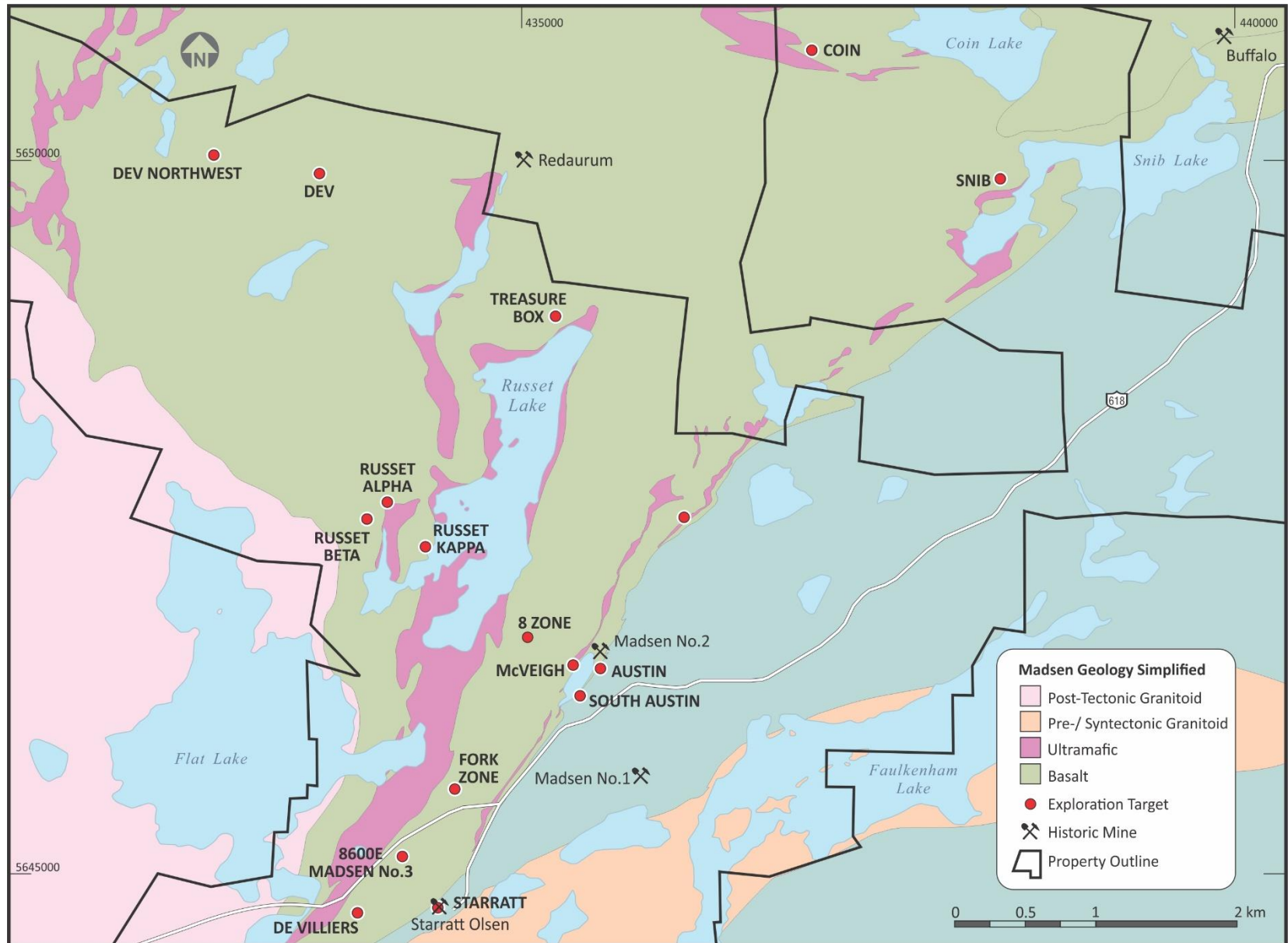
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2016 EXPLORATION PROGRAM

- Accelerated and expanded 2016 exploration program announced summer of 2016
- **Current \$9.1 million exploration budget, including 51,000 metres of drilling budgeted for 2016**
 - ✓ Majority of diamond drill program focused on the McVeigh horizon
 - ✓ Four drill rigs active – three drill rigs currently testing the McVeigh horizon and one testing Russet South and satellite targets
 - ✓ Surface geologic mapping, and continued soil and rock sampling
 - ✓ Re-opening of existing McVeigh portal and decline to aid in inspection of the underground, completion of detailed underground geological mapping to refine structural setting and characterize mineralization



MULTIPLE EXPLORATION TARGETS IDENTIFIED



PRELIMINARY ECONOMIC ASSESSMENT

2016 PEA ⁽¹⁾

Pre-Tax / After-Tax IRR

74% / 62%

Pre-Tax / After-Tax NPV_{5%}

\$104 / \$76 million

Pre-Tax & After-Tax Payback

1.5 years

Pre-Production Capex

\$20 million

Peak Annual Production

~58,000 ozs Au

Base Case Gold Price

US\$1,175/oz

- Initial PEA (April 2016) shows total gold production of ~260,000 ounces over a 6.5 year mine life at an average diluted head grade of 8.3 g/t gold ⁽¹⁾

- ✓ Positive base case assessment of developing a portion of current resources by utilizing existing mining infrastructure
- ✓ Underground mining operation with access via the McVeigh portal
- ✓ Ramp based development to a depth of 600 metres

Blue print for base case development with potential expansion opportunities from ongoing exploration drilling

(1) For further details, see NI 43-101 technical report "Technical Report on the Preliminary Economic Assessment for the Madsen Gold Project" with an effective date of April 20, 2016, authored by independent Qualified Persons, and is in accordance with NI 43-101 Standards of Disclosure for Mineral Projects. Base case parameters assume a gold price of US\$1,175/oz and an exchange rate (US\$ to C\$) of 0.80. All currencies are reported in Canadian dollars unless otherwise specified. The PEA is preliminary in nature and includes inferred mineral resources that are too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that PEA results will be realized.

Well understood deposit geology with a **long mining history**

Large mineral system open for expansion

New science has **doubled the potential mineralized horizon** and identified several **satellite targets**

+\$200 million of infrastructure in-place at Madsen

Attractive base case PEA with several opportunities for **enhancement**

Accelerated exploration underway with **51,000 metres of drilling** planned





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