



DALRADIAN RESOURCES

High-Grade Gold in Northern Ireland

Precious Metals Summit, September 2016

Patrick F.N. Anderson

President & CEO

FORWARD-LOOKING INFORMATION AND QUALIFIED PERSON

This presentation contains “forward looking information” which may include, but is not limited to, statements with respect to the future financial or operating performance of the Company and its subsidiaries (collectively, “Dalradian”) and its mineral projects, the future price of metals, the estimation of mineral resources, the realization of mineral resource estimates, the timing and amount of estimated future production, costs of production, capital, operating and exploration expenditures, costs and timing of the development of new deposits, costs and timing of future exploration, requirements for additional capital, government regulation of mining operations, environmental risks, reclamation expenses, title disputes or claims, limitations of insurance coverage and the timing and possible outcome of pending regulatory matters. Often, but not always, forward looking statements can be identified by the use of words and phrases such as “plans”, “expects”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates”, or “believes” or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved.

Forward looking statements are based on the opinions and estimates of management as of the date such statements are made and are based on various assumptions such as the continued political stability in Northern Ireland, that permits required for Dalradian’s operations will be obtained on a timely basis in order to permit Dalradian to proceed on schedule with its planned exploration and development programs, that skilled personnel and contractors will be available as Dalradian’s operations continue to grow, that the price of gold will be at levels that render Dalradian’s mineral projects economic, that the Company will be able to continue raising the necessary capital to finance its operations and realize on mineral resource estimates and current mine plans and that the assumptions contained in the Company’s PEA (as defined herein) are accurate and complete.

Forward looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Dalradian to be materially different from any future results, performance or achievements expressed or implied by the forward looking statements. Such factors include, among others, general business, economic, competitive, political and social uncertainties; the actual results of current and future exploration activities; the actual results of reclamation activities; conclusions of economic evaluations; changes in project parameters and/or economic assessments as plans continue to be refined; future prices of metals; possible variations of mineral grade or recovery rates; the risk that actual costs may exceed estimated costs; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; political instability; delays in obtaining governmental approvals or financing or in the completion of development or construction activities, as well as those factors discussed in the section entitled “Risk Factors” in the Company’s Annual Information Form for the year ended December 31, 2014 dated March 24, 2015 (the “AIF”).

Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended. Forward looking statements contained herein are made as of the date of this presentation and the Company disclaims any obligation to update any forward looking statements, whether as a result of new information, future events or results, except as may be required by applicable securities laws. There can be no assurance that forward looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward looking statements.

Certain technical data in this presentation was taken from the NI 43-101 technical report entitled, “Technical Report for the Northern Ireland Gold Project, Northern Ireland”, dated June 17, 2016 and prepared by Dr. Jean-Francois Couture, PGeo (APGO#0197) and Dr. Oy Leuangthong, PEng (PEO#90563867), both of SRK Consulting (Canada) Inc. and Stacy Freudigmann, PEng (APEGBC #33972) of JDS Energy & Mining Inc., all of whom are independent Qualified Persons as defined by National Instrument 43-101, and is subject to all of the assumptions, qualifications and procedures described therein. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

Eric Tremblay, P.Eng., Chief Operating Officer, and Greg Hope, M.Sc., MAIG, Exploration and Geology Manager with Dalradian Resources Inc., are the Qualified Persons who reviewed and approved the technical information in this presentation. The exploration data was based on the procedures described in the Company’s PEA and is subject to all of the assumptions, qualifications and procedures described therein.

PREMIUM ASSET IN A SCARCITY MARKET

- High grade gold in the OECD
- Feasibility Study on schedule for Q4
- Submission of planning application by year-end



Industry leading safety record

515 days working underground

244 blasts

959 m of development

2 test stopes

0 lost-time accidents

0 non-compliance

130,000 m of drilling



CORPORATE

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THE BOARD:

TRACK RECORD OF FINDING, FUNDING AND BUILDING MINES

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JIM RUTHERFORD

CHAIRMAN

- Director of Anglo American plc
- Former senior vice president of **Capital International Investors**, responsible for mining investments
- Native of Northern Ireland

DR. NICOLE ADSHEAD-BELL

- Director of **Pretium, Lithium Americas**
- 20+ years of experience in the mining sector and capital markets
- Former Director of Mining Research at **Sun Valley Gold**

PATRICK “PADDY” DOWNEY

- Director of **Orezone** and **Pan Global Resources**
- Former CEO of **Elgin Mining, Aura Minerals** and **Viceroy Exploration**
- Native of Northern Ireland

RONALD GAGEL

- CFO of **TMAC Resources**; Former CFO of **FNX Mining** and **Aur Resources**
- **2013 – PDAC Distinguished Service Award**

PATRICK F. N. ANDERSON

PRESIDENT & CEO

- Founder & Former CEO of **Aurelian Resources**
- **2008 – PDAC International Mineral Discovery**
- **2008 – Northern Miner Man of the Year**

THOMAS OBRADOVICH

- Director of **Barkerville Gold Mines**
- Founder & Former CEO of **Young-Davidson Mines**
- Former Director of **Aurelian Resources**

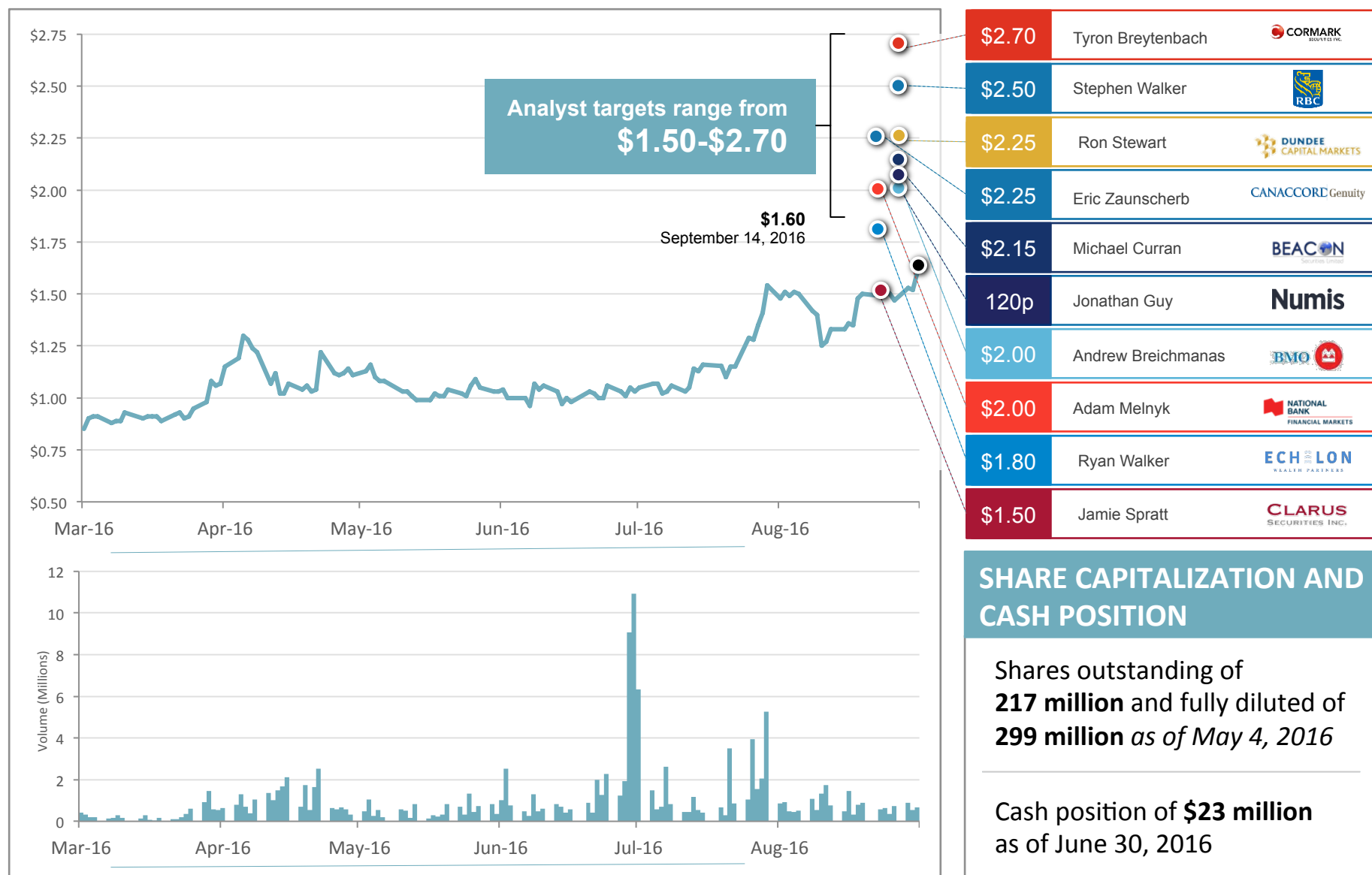
SEAN ROOSEN

- Founder & CEO of **Osisko Mining Corporation** and **Osisko Royalty Corporation**
- ‘06 – Prospector of the Year - Quebec
- ‘08 – Prospector of the Year - Canada
- ‘09 – Northern Miner Man of the Year

JONATHAN RUBENSTEIN

- Director of **Eldorado Gold, Detour Gold, MAG Silver**
- Former Director of **Aurelian Resources, Sutton Resources, Canico Resource** and **Cumberland Resources**

STOCK PRICE PERFORMANCE



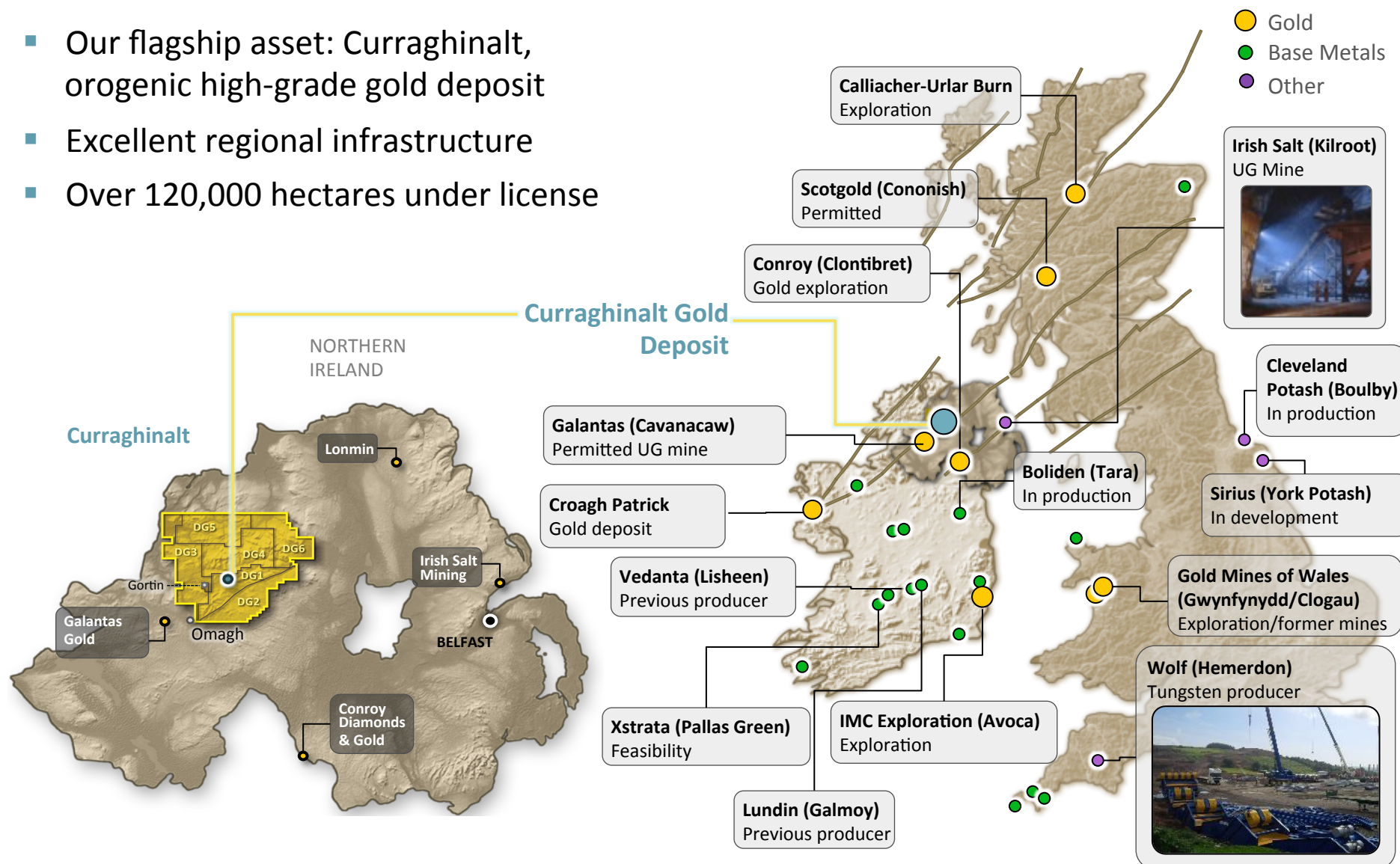
All dollars quoted in \$ CAD

CURRAGHINALT DEPOSIT

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MINERAL PROJECTS IN IRELAND AND THE UK

- Our flagship asset: Curraghinalt, orogenic high-grade gold deposit
- Excellent regional infrastructure
- Over 120,000 hectares under license



CURRAGHINALT RESOURCE

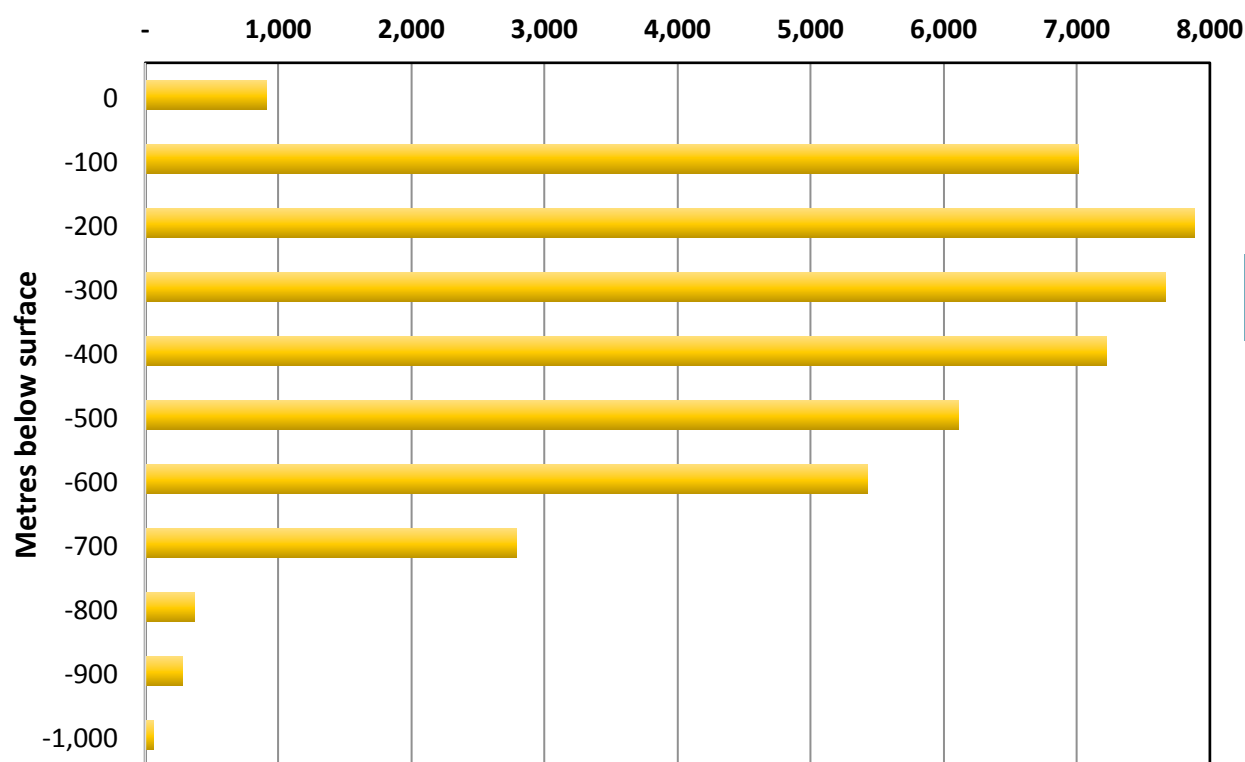
- Since 2010, we have grown the resource more than 7-fold over 4 updates
 - Based on more than 130,000 m of drilling and ~1,700 m of underground development
- May 2016 resource update more than doubled M&I ounces in support of FS
- High-grade gold resource open in all directions¹
 - **Measured:** 0.03 MT grading 26.99 g/t Au for 25,000 contained ounces
 - **Indicated:** 5.58 MT grading 11.53 g/t Au for 2.07 million contained ounces
 - **Inferred:** 7.13 MT grading 10.06 g/t Au for 2.31 million contained ounces

¹ Refer to technical report dated June 17, 2016



DEPOSIT CHARACTERISTICS

- Orogenic deposit; analogous to prolific Abitibi (Canada) and Lachlan Gold Belt (Australia)
- High grade increases with conversion from Inferred to Indicated to Measured
- 16 veins identified so far (5 new ones in 2016 resource)
- Abundance, spacing and orientation of veins advantageous for underground mining
- Gold is non-refractory, amenable to off-the-shelf processing

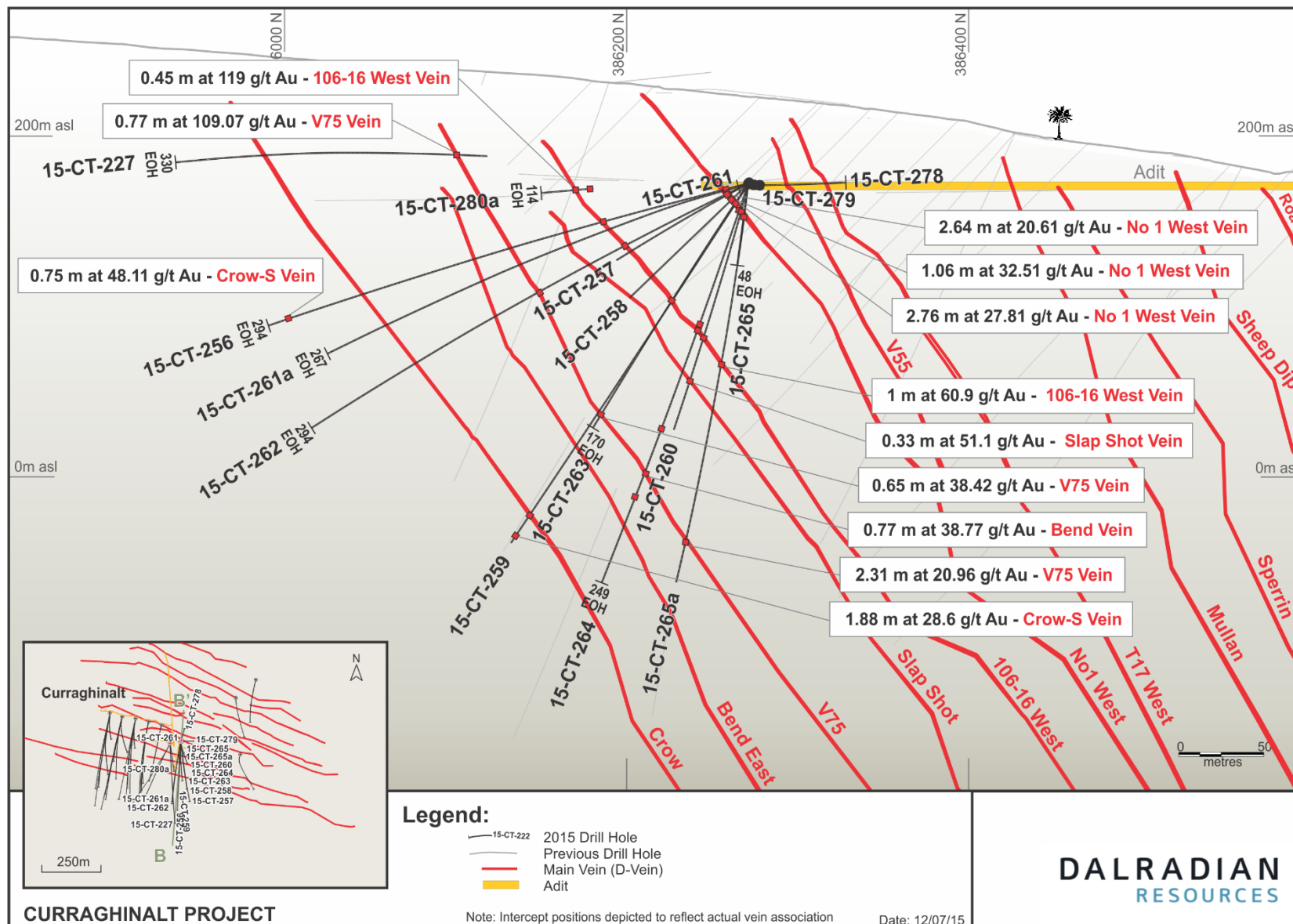


High ounces per vertical metre

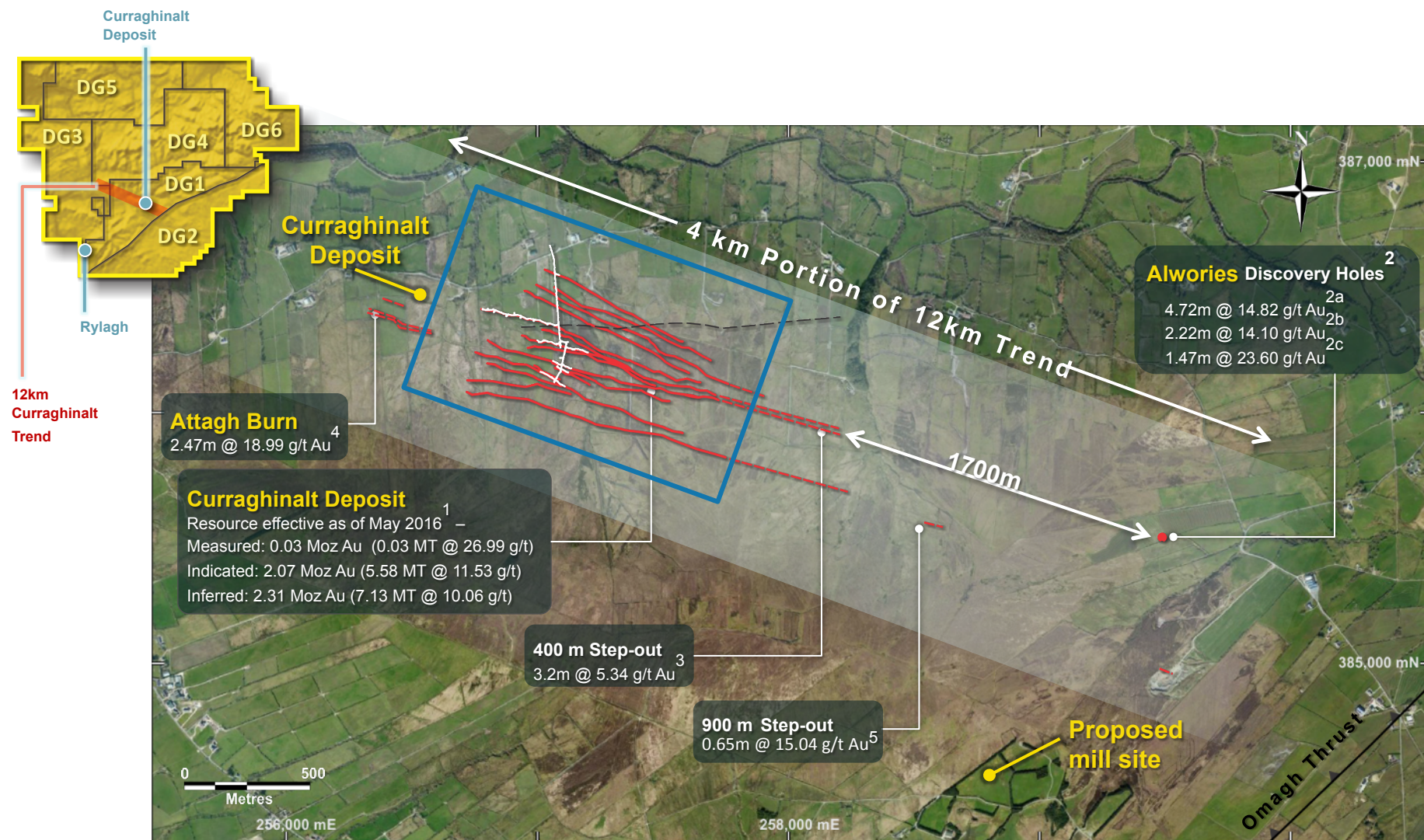
CURRAGHINALT VEIN SYSTEM

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Cross-section B - B'



RESOURCE EXPANSION



1 Refer to Technical Report dated June 17, 2016

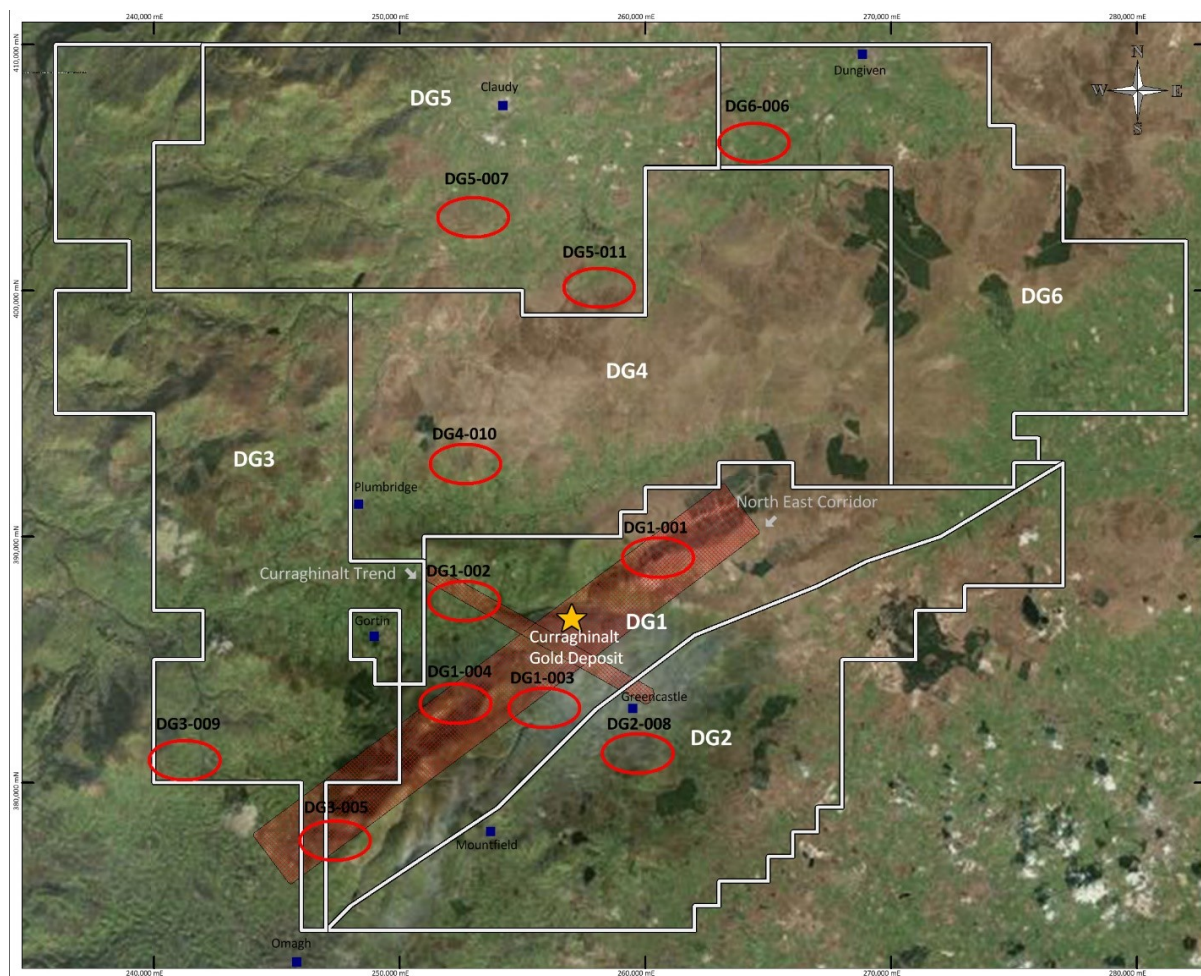
2 2a 12-CT-173 drilled at 150/-60; 2b and 2c 12-CT-162 drilled at 180/-55; 2b from 186.00m - 188.22m, 2c from 229.08m - 230.55m; true width undetermined

3 11-CT-99 drilled from 471.14-474.34m

4 12-CT-167 drilled from 201.93-204.40m

5 12-CT-154

- New licence areas DG5/ DG6 added in June 2016
- DG5 and DG6 anomalies are the largest on our licences outside of Curraghinalt
- Soil sampling, panning and stream sediment sampling on all six licences



FEASIBILITY STUDY

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FS supported by:

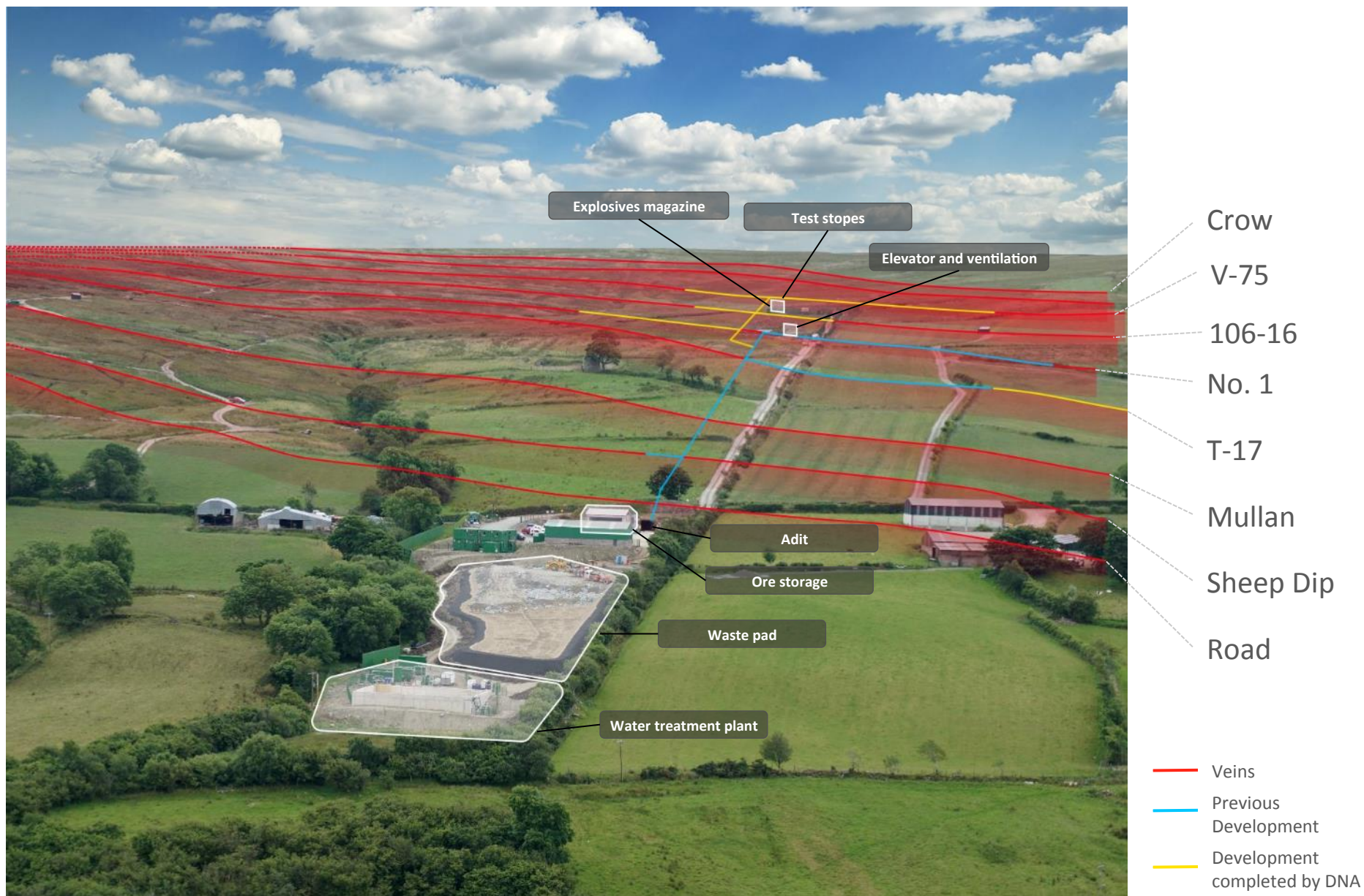
- UG program, including 960 m of new development with test stoping and
- 130,000 m of drilling (including 51,479 m of new infill drilling)

FS proceeding on the basis of:

- Mining primarily by longhole but with additional methods as required to minimize dilution;
- Processing incorporating a flotation circuit (recovery of 94%-plus);
- Dry stack tailings; and
- ~ 50% of waste rock to be returned underground as paste backfill

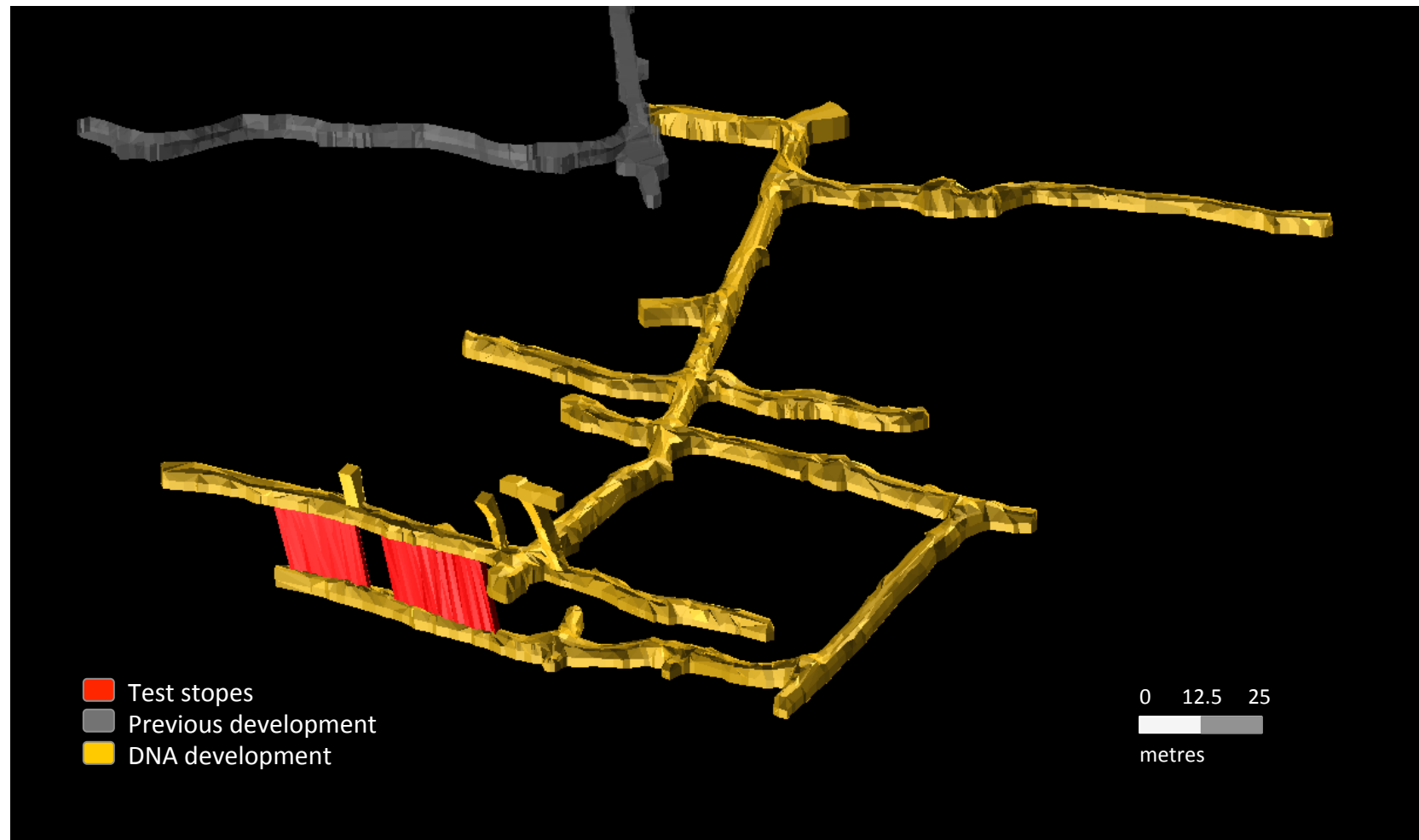


SITE OVERVIEW



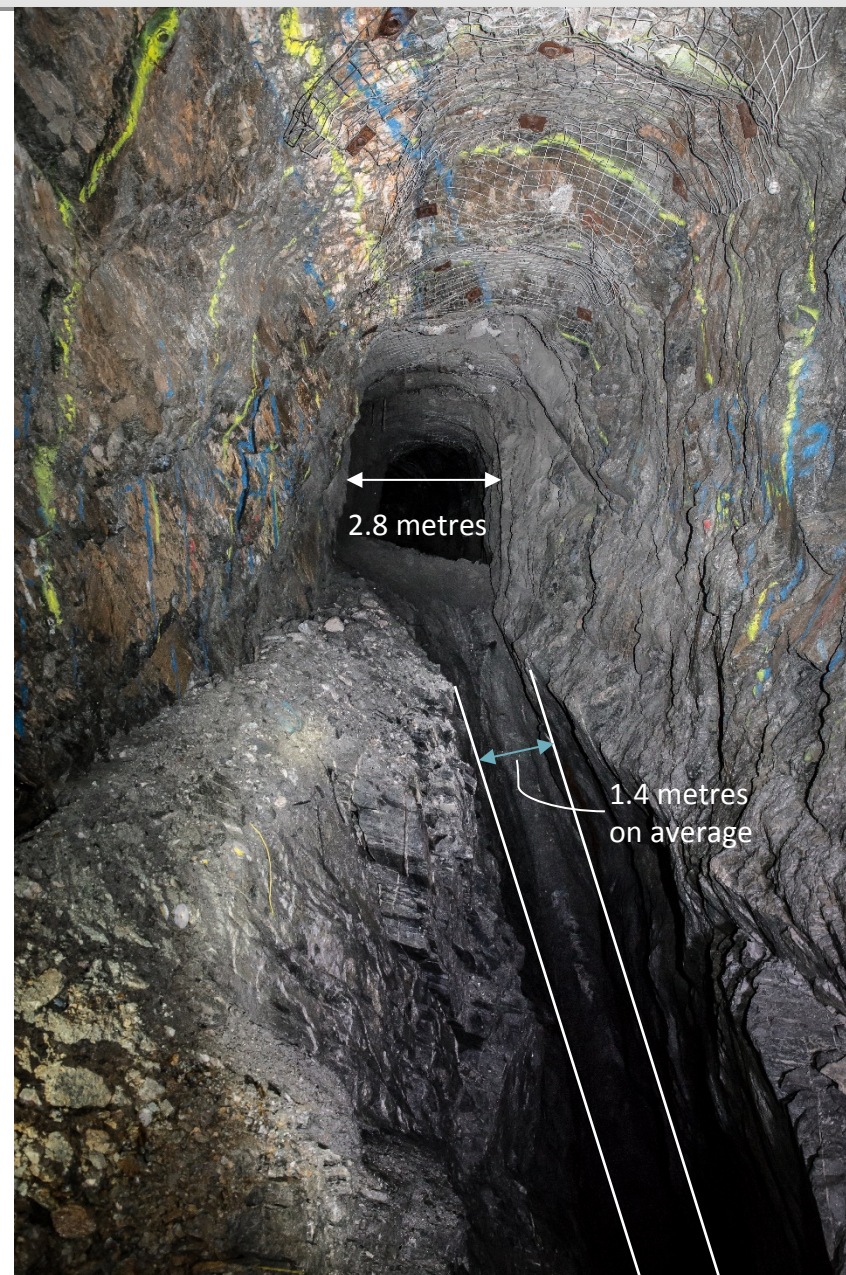
TEST STOPE LOCATION

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TEST STOPE RESULTS

- Overall, recovered 54% more gold than predicted in resource model
- Validates long-hole open stoping as the primary mining method
- Shows that narrow mining widths can be achieved using mechanized methods
- Stope 1: average width of 1.40 m; dilution of 29% to the designed stope
- Stope 2: average width of 1.33 m; dilution of 10% to the designed stope



PERMITTING

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NI GOVERNMENT FOCUSED ON JOBS

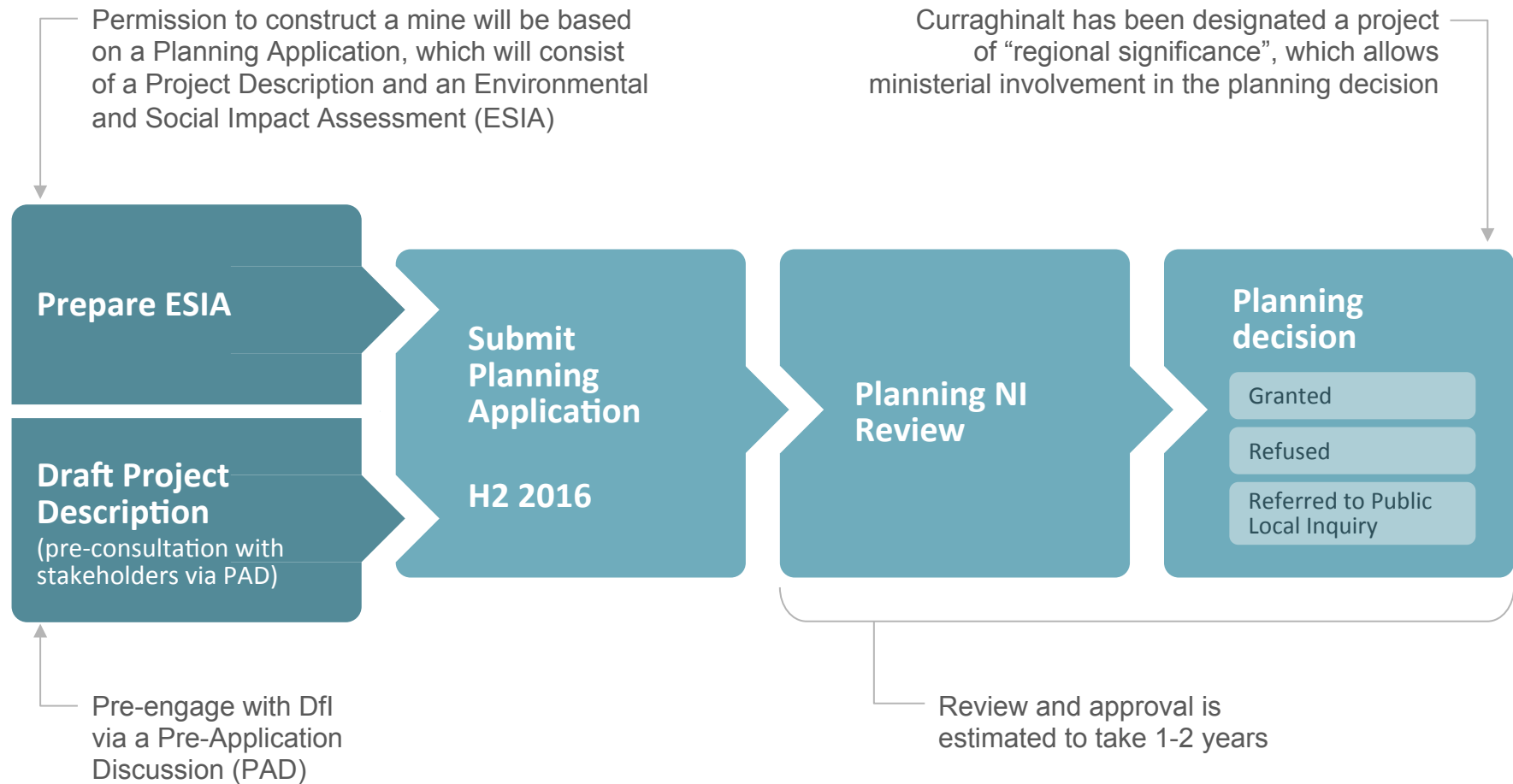
- Top priority of government is jobs & investment
- DUP returned as largest party with the most seats in the Assembly and first minister role
- Numerous government officials have visited our project, including the First Minister
- Invest NI grant to Dalradian for \$590,000 to support jobs and training during UG Program

Aug 2014 site visit by Arlene Foster, MLA, then Minister for Enterprise, Trade and Investment, now First Minister

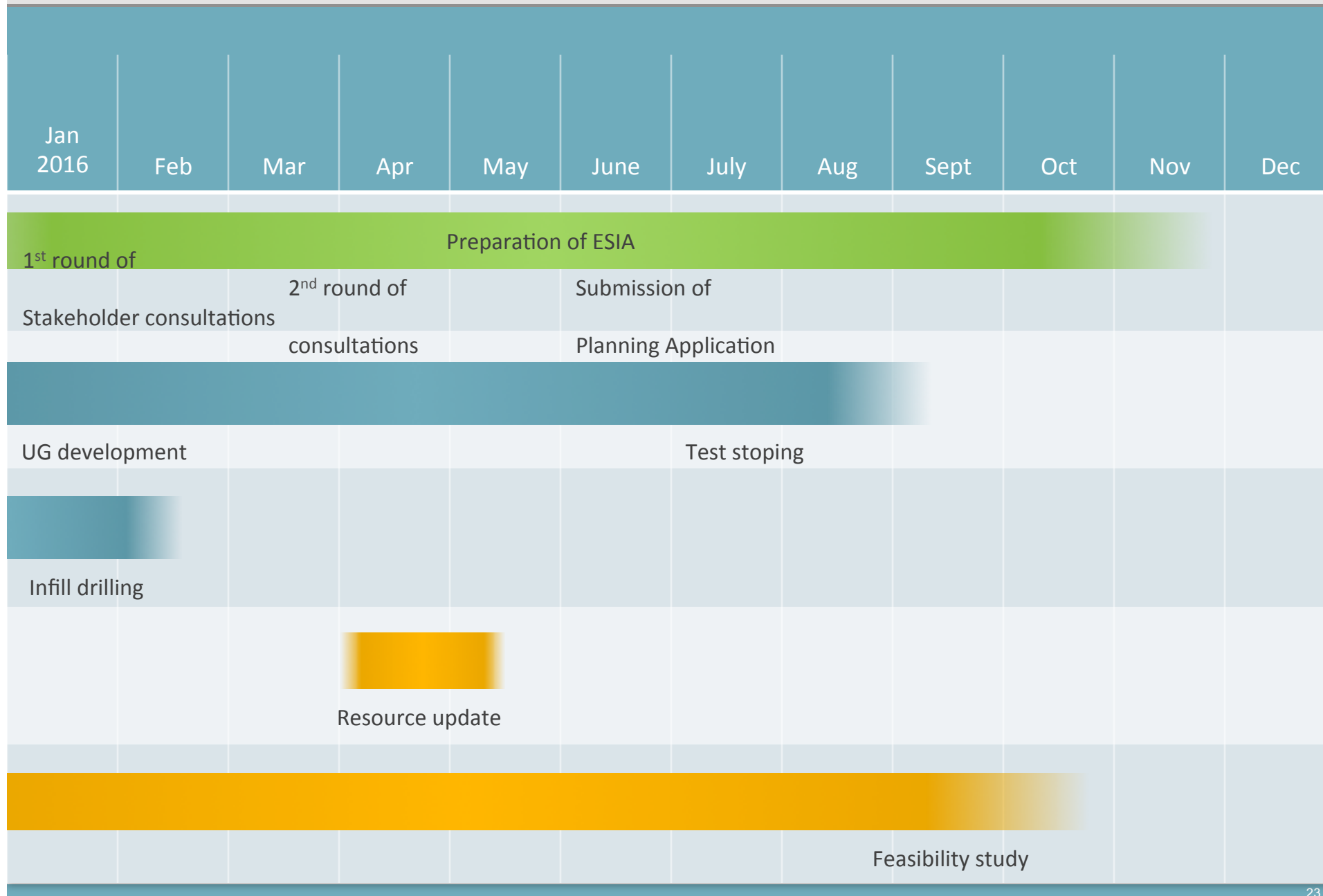


PERMITTING PROCESS

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ESTIMATED TIMELINE



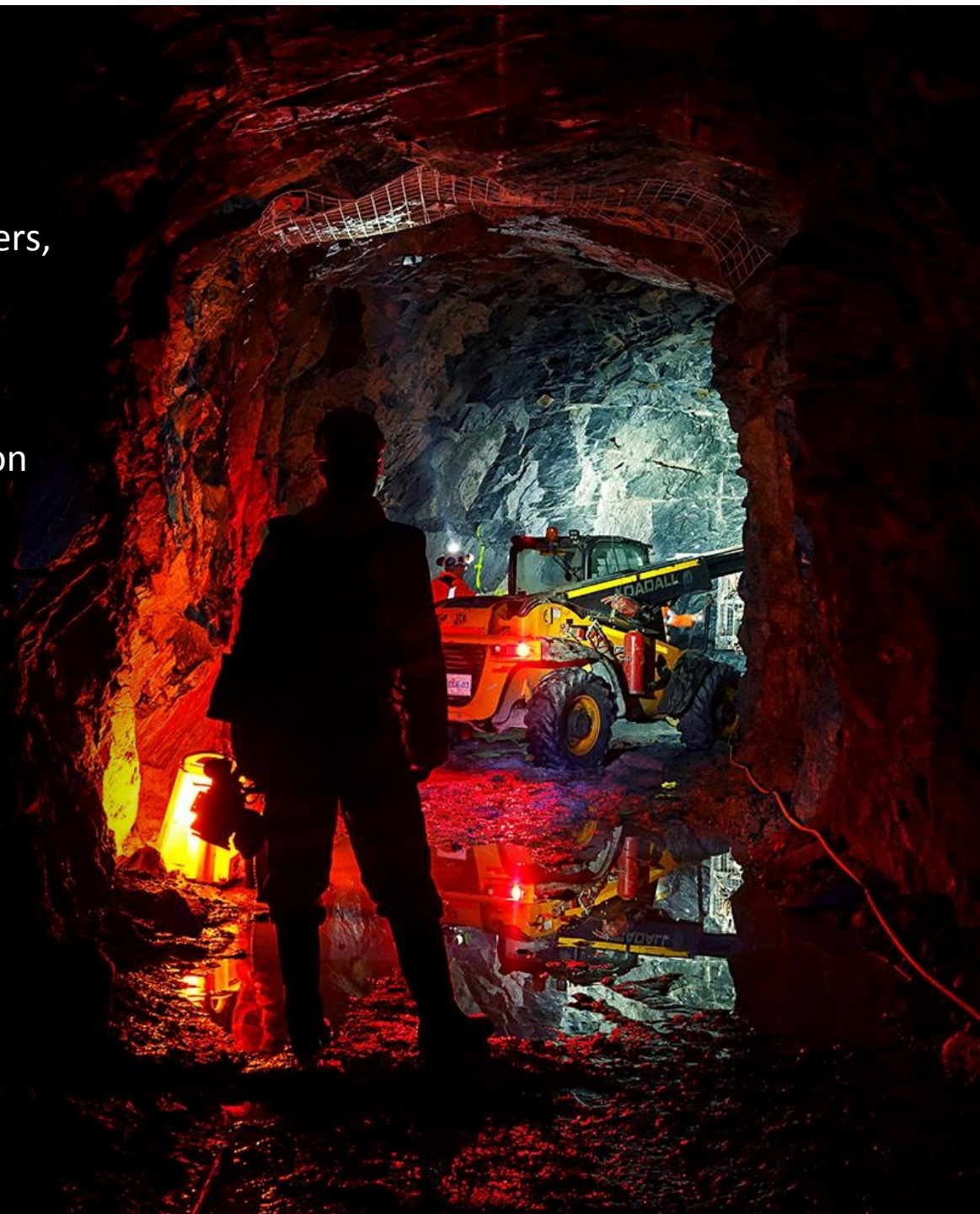
SUMMARY

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DNA HIGHLIGHTS

- Team of mine builders, explorers, financiers and local expertise
- Business-friendly jurisdiction with transparent permitting
- Dual-listed in Toronto & London
- Large, high-grade vein system
- Proven narrow-vein mining methods
- Non-refractory gold

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DALR on AIM

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