



DE GREY
MINING LTD

***“Australia’s Pilbara Goldrush”
De Grey underpinned by 1.2Moz Au***

ASX Code : DEG

October 2017

Andy Beckwith

Why De Grey should be in your portfolio



Pilbara Gold Project

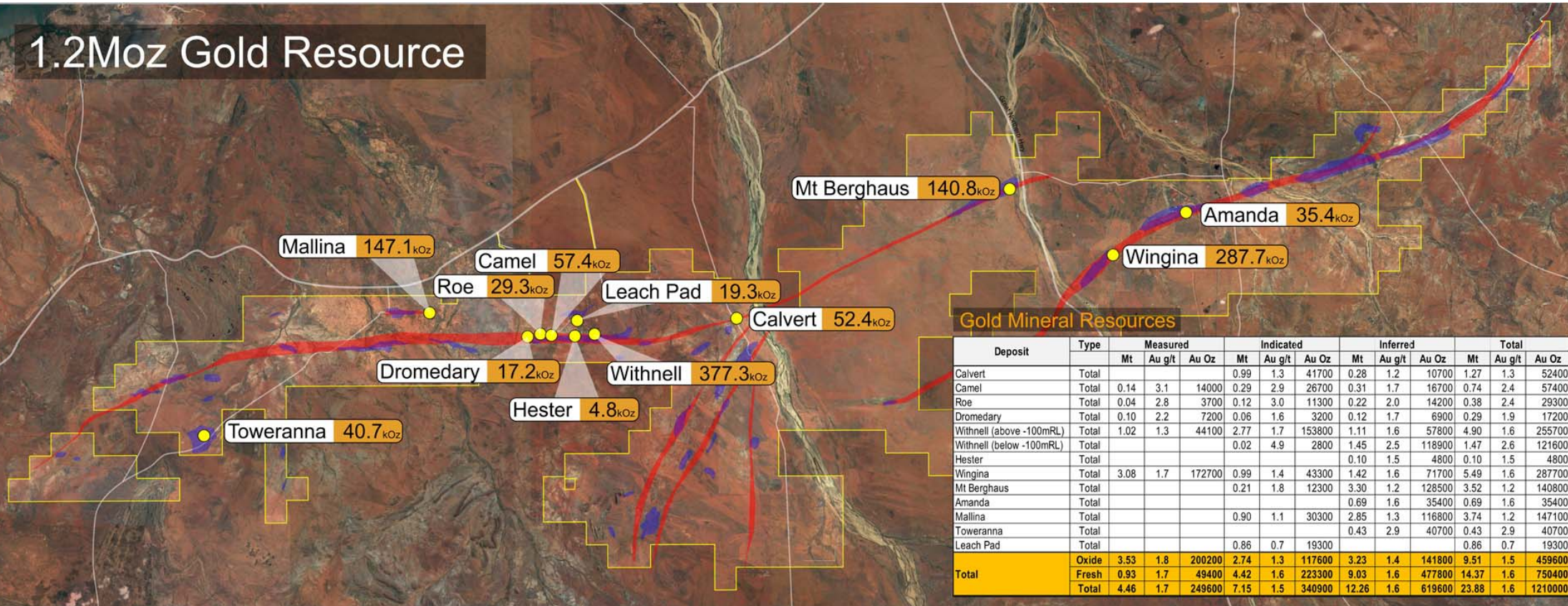
- ✓ Low risk Australian Gold asset +1.2Moz Au well defined resources and growing
- ✓ Scoping study indicates positive economics – base-case 1Mtpa @ ~60kozpa for 5 years
- ✓ Strategy to improve economics - target 1.5Mtpa @ ~100,000ozpa for 7 year mine life
- ✓ Increasing resources through organic exploration and corporate activity
- ✓ Extensive untested targets
- ✓ Advanced High Grade Gold targets
 - Conglomerate Gold Targets – Loudens and 12 km target
 - High Grade Basement Targets – Blue Moon, Toweranna, Farno JV
- ✓ Aggressive drill programs
- ✓ Upside from new lithium pegmatite drilling and zinc resources

Pilbara Gold Project – Resources and Growth



1.2Moz Gold Resource underpins current valuation with excellent exploration upside

1.2Moz Gold Resource



Resources = 1.2Moz @ \$34/oz* = \$41.1M for explorers and developers

Valuation upside if DEG becomes a producer = 1.2Moz @ \$78/oz* = \$94.4M

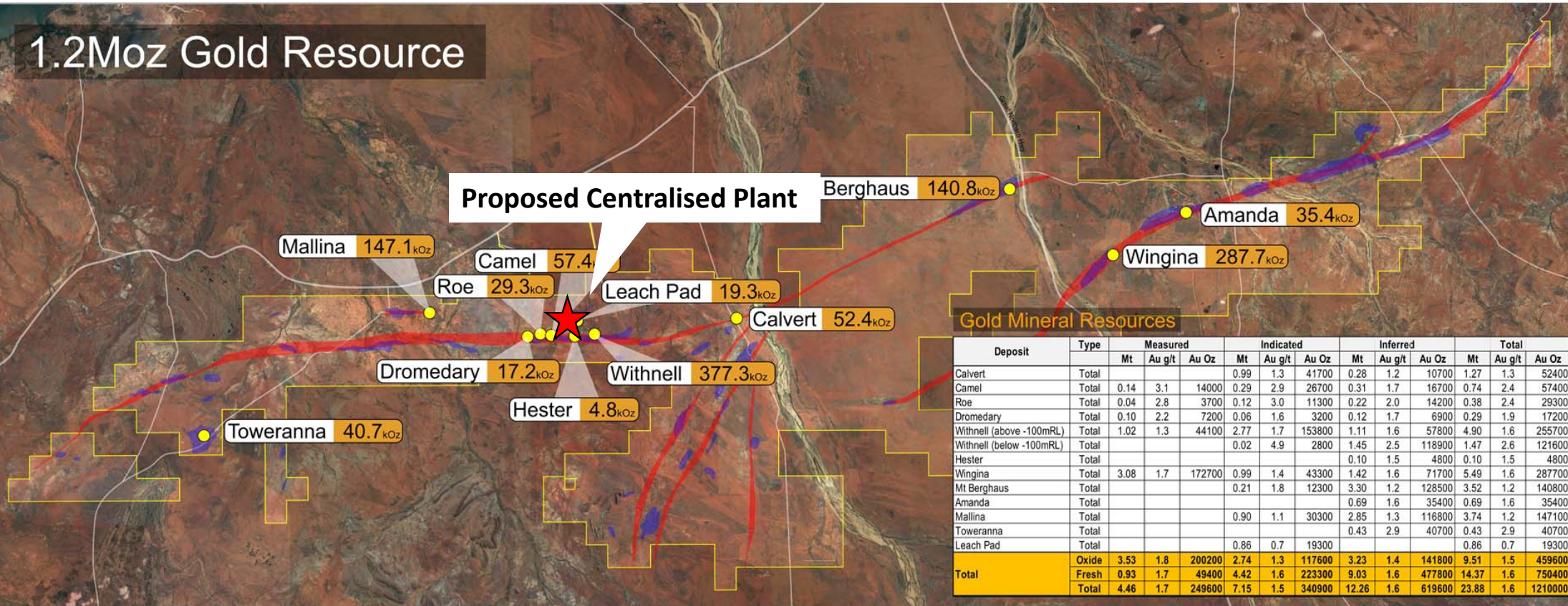
* Average valuation for industry gold resources from PCF Capital Resources Thermometer, October 2017

Pilbara Gold Project – Economics



Scoping Study indicates positive economics based on 1.0Mt throughput for ~60ozpa over 5 years

1.2Moz Gold Resource



How do we improve economics?

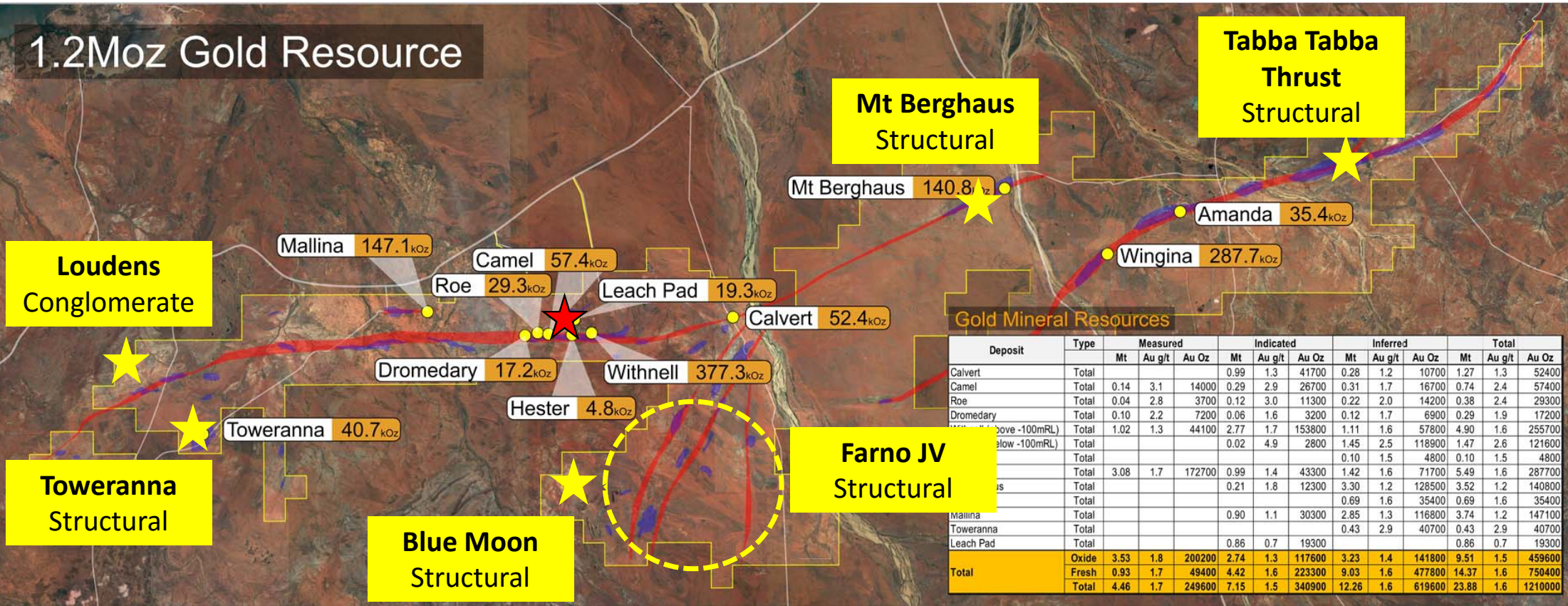
Additional resources, higher grade resources, larger throughput and lower unit costs, increased mine life

Pilbara Gold Project – Resource Targets



Near term resource targets include Conglomerate Gold and High Grade Structural Targets

1.2Moz Gold Resource



Gold Mineral Resources

Deposit	Type	Measured			Indicated			Inferred			Total		
		Mt	Au g/t	Au Oz	Mt	Au g/t	Au Oz	Mt	Au g/t	Au Oz	Mt	Au g/t	Au Oz
Calvert	Total				0.99	1.3	41700	0.28	1.2	10700	1.27	1.3	52400
Camel	Total	0.14	3.1	14000	0.29	2.9	26700	0.31	1.7	16700	0.74	2.4	57400
Roe	Total	0.04	2.8	3700	0.12	3.0	11300	0.22	2.0	14200	0.38	2.4	29300
Dromedary	Total	0.10	2.2	7200	0.06	1.6	3200	0.12	1.7	6900	0.29	1.9	17200
(above -100mRL)	Total	1.02	1.3	44100	2.77	1.7	153800	1.11	1.6	57800	4.90	1.6	255700
(below -100mRL)	Total				0.02	4.9	2800	1.45	2.5	118900	1.47	2.6	121600
	Total							0.10	1.5	4800	0.10	1.5	4800
	Total	3.08	1.7	172700	0.99	1.4	43300	1.42	1.6	71700	5.49	1.6	287700
	Total				0.21	1.8	12300	3.30	1.2	128500	3.52	1.2	140800
	Total							0.69	1.6	35400	0.69	1.6	35400
Mallina	Total				0.90	1.1	30300	2.85	1.3	116800	3.74	1.2	147100
Toweranna	Total							0.43	2.9	40700	0.43	2.9	40700
Leach Pad	Total				0.86	0.7	19300				0.86	0.7	19300
Total	Oxide	3.53	1.8	200200	2.74	1.3	117600	3.23	1.4	141800	9.51	1.5	459600
	Fresh	0.93	1.7	49400	4.42	1.6	223300	9.03	1.6	477800	14.37	1.6	750400
	Total	4.46	1.7	249600	7.15	1.5	340900	12.26	1.6	619600	23.88	1.6	1210000

New Conglomerate Gold Potential

Loudens Patch - Water melon seed shaped gold nuggets shedding from conglomerate outcrops
Similar to Purdy's Reward (Novo/Artemis)



Conglomerate Gold Target

- Mt Roe Basalt outcrop
- 12km long scarp
- Mapping, metal detecting and sampling underway

- ### Loudens Patch
- ✓ Gold shedding from conglomerate
 - ✓ 5-10m thick
 - ✓ flatlying

 Loudens Patch

Untested basement
gold anomalies

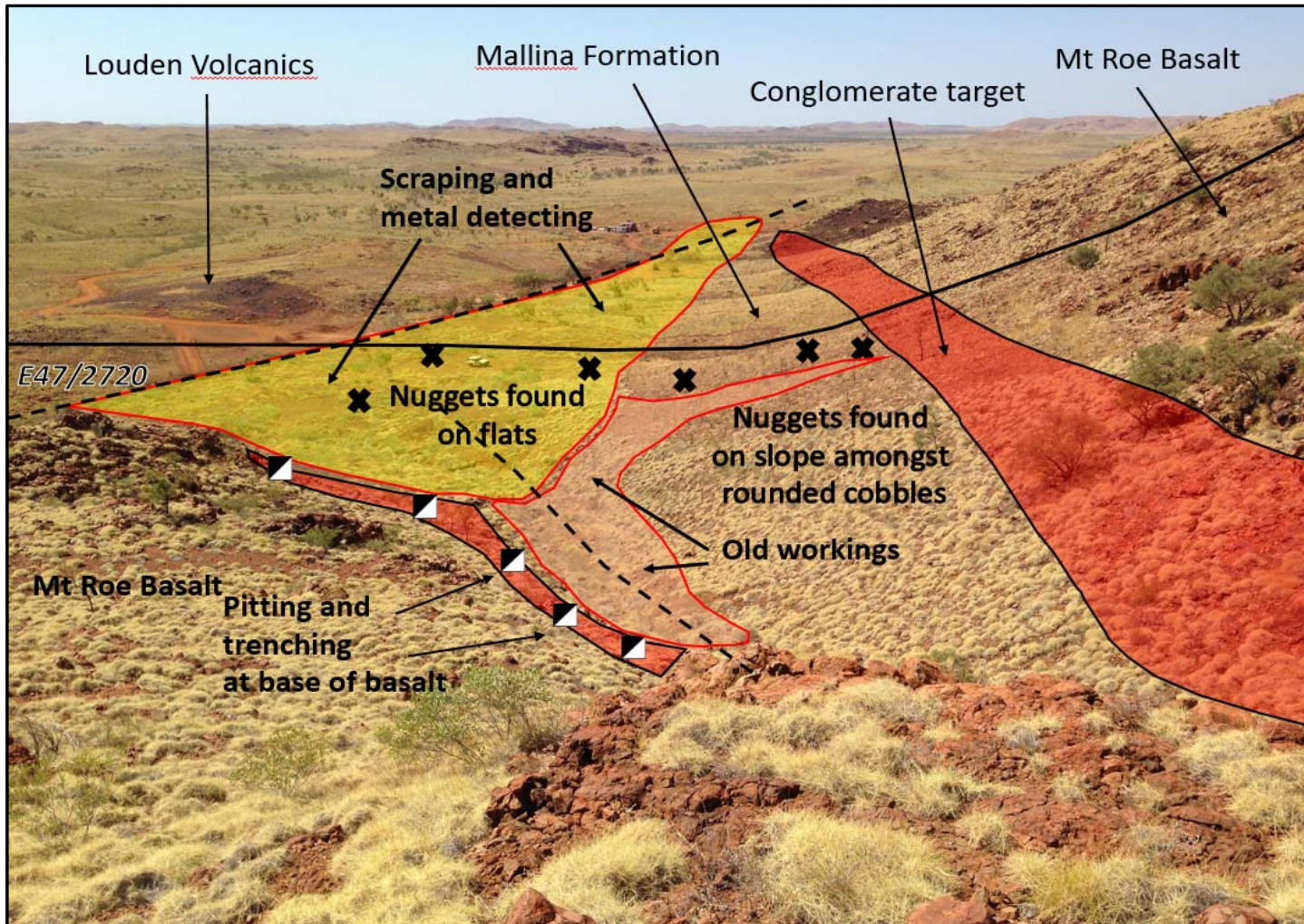
Mallina Shear Zone

E47/3504

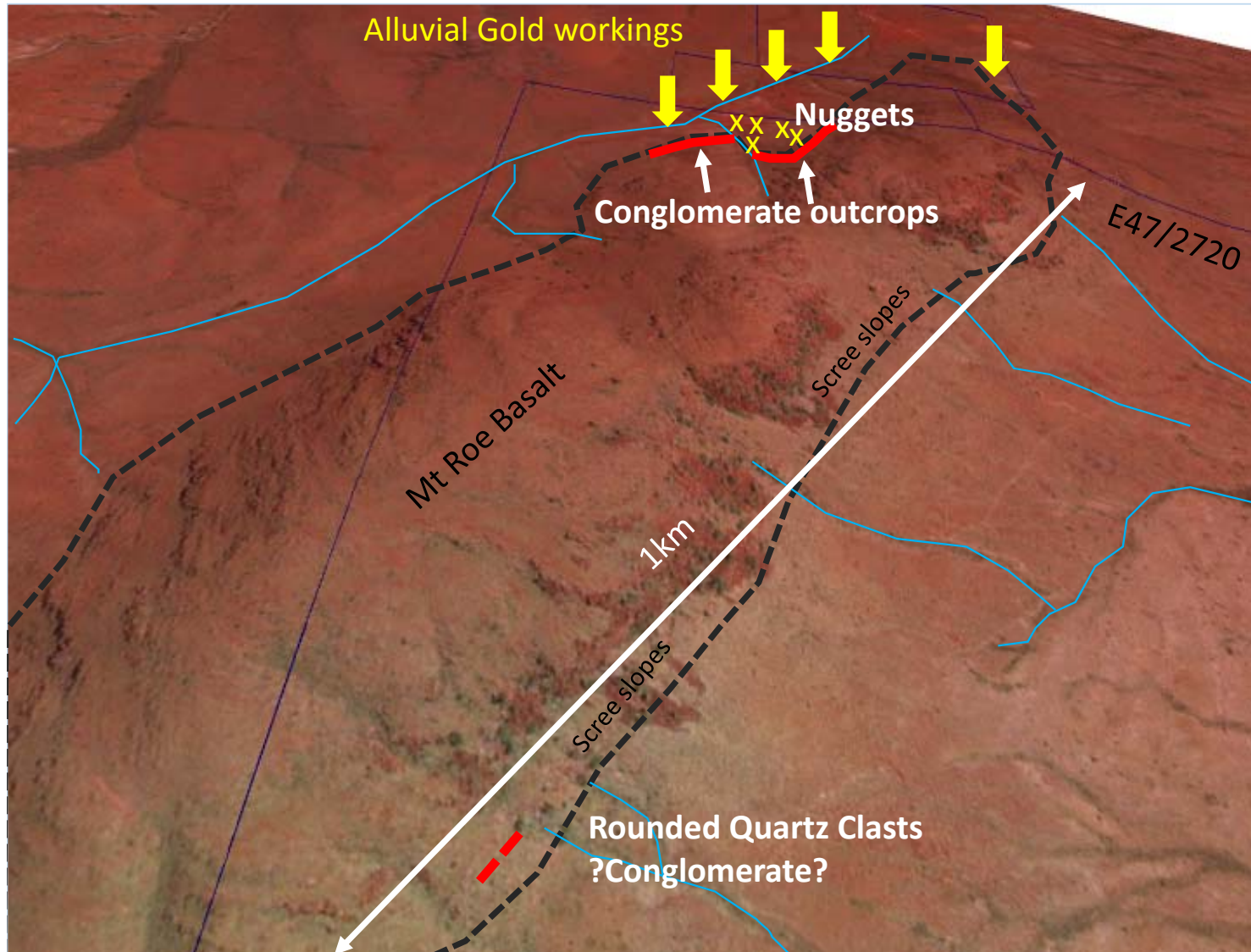
E47/2720

New Conglomerate Gold Potential

Panoramic view looking North across Mt Roe Basalt and associated gold workings



Loudens Patch - Conglomerate Gold



Loudens Patch - Conglomerate Gold

91 gold nuggets detected downslope from shallow dipping to flat lying conglomerate, many flattened "watermelon seed" shaped nuggets with pitted texture

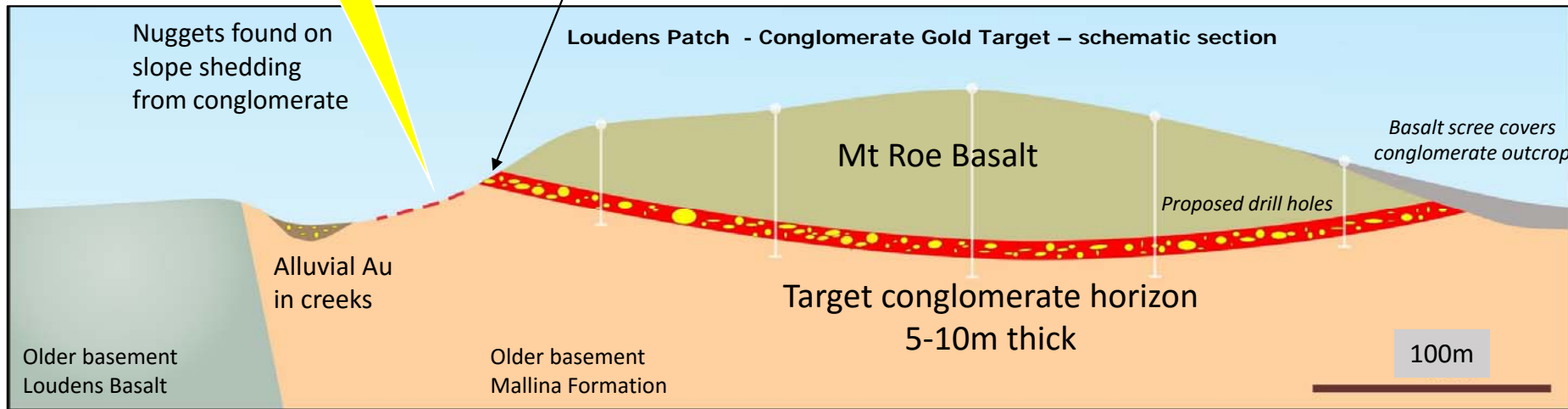


Prospector pits in conglomerate

Currently mapping and sampling at Loudens and the 12km target

At Loudens

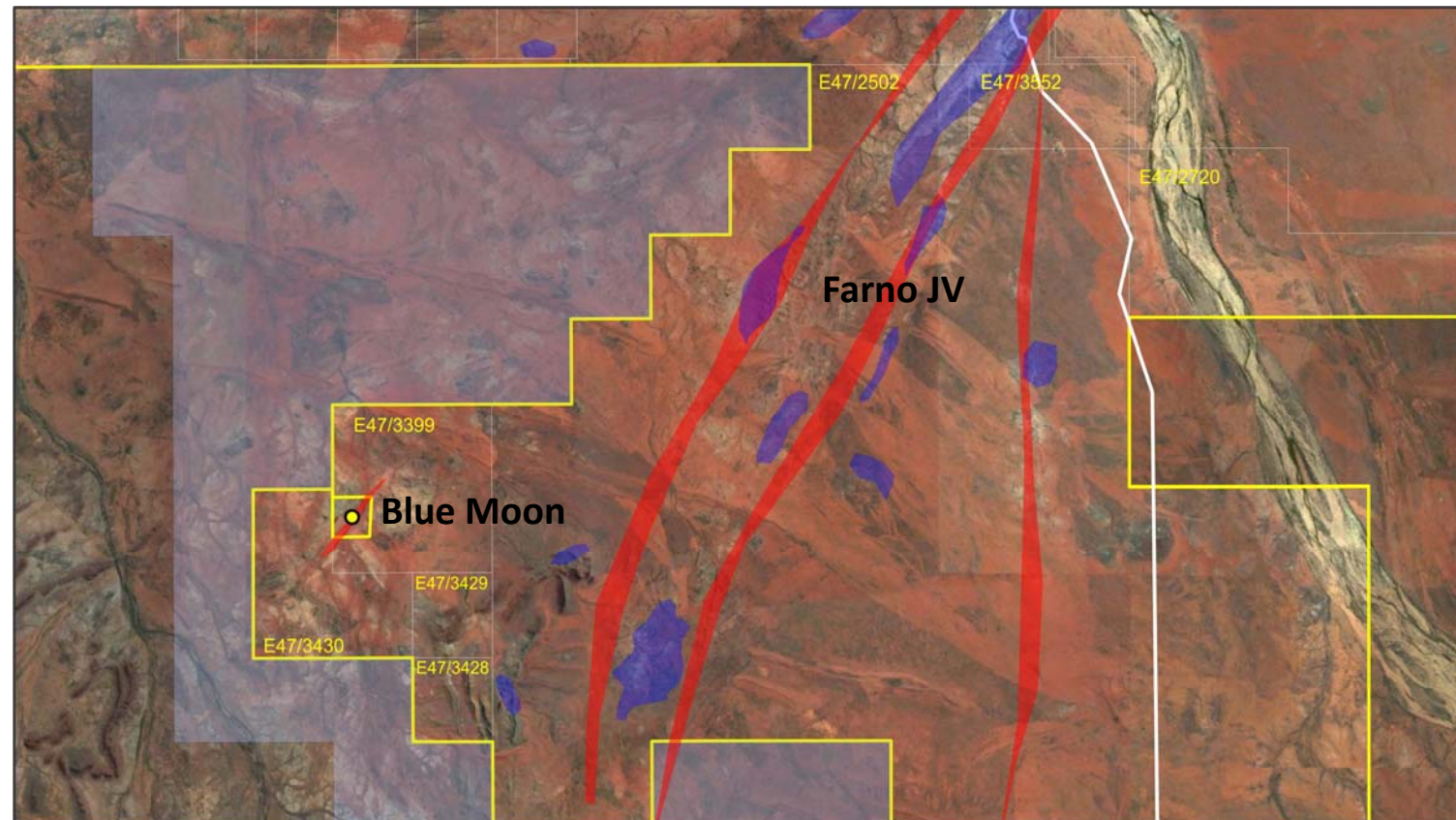
Mt Roe Basalt outcrop is >1km long x 400m wide



High Grade Structural Targets

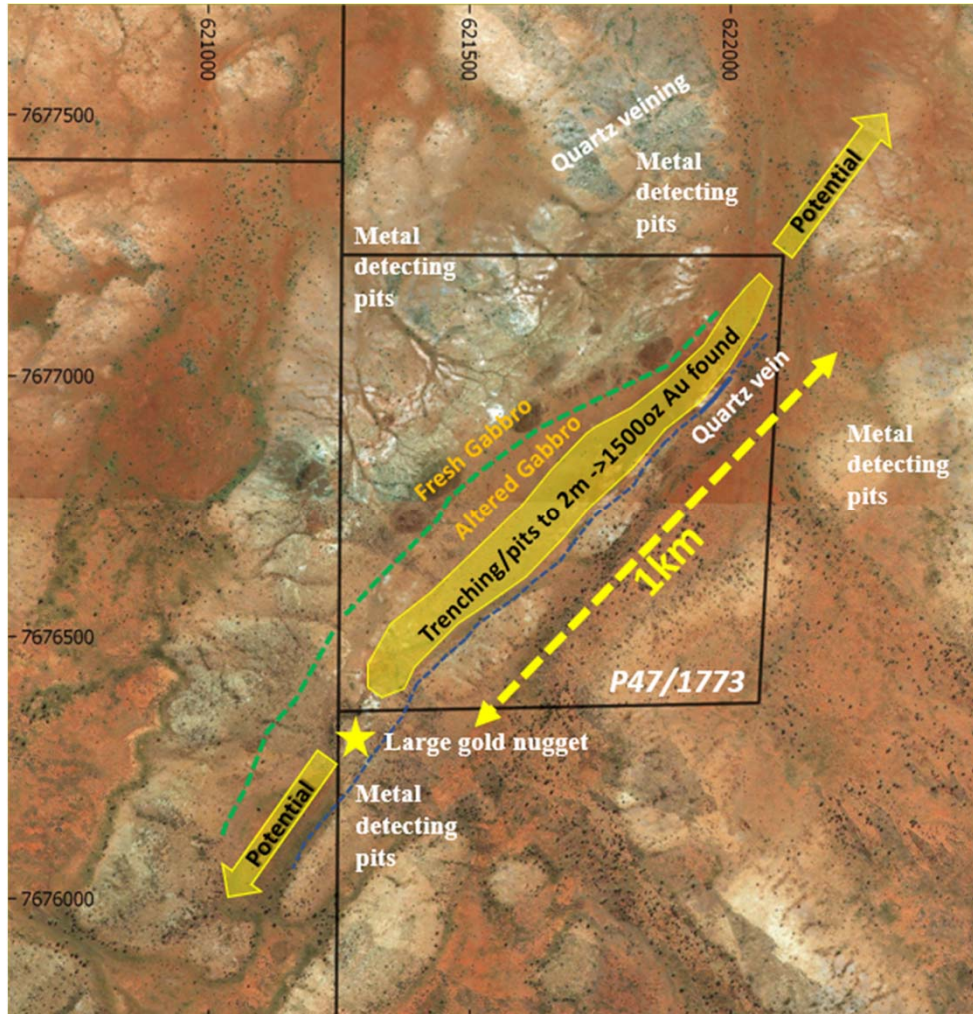
Stunning crystalline gold and quartz from Blue Moon and extensive gold anomalies in Farno JV area

Specimen approx 7cm in length with a total weight of 110g



"This would have to be the most spectacular and richest gold veining and nuggets I have ever seen in my whole career."
Andy Beckwith,

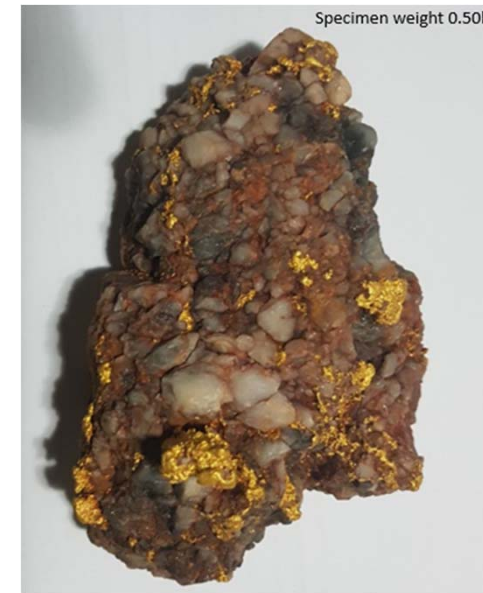
High Grade Structural Targets – Blue Moon



Blue Moon represents an exceptional high grade target

Over 2000oz nuggets reported to have been collected over 1.5km strike length by metal detecting and shallow trenching/pitting (<2m depth)

Gold hosted in quartz veining interpreted to be hosted in NE trending shear zone.

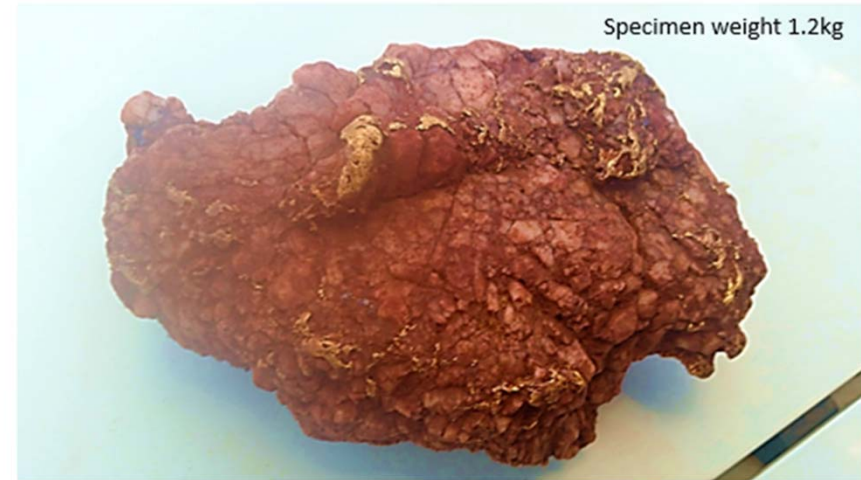


High Grade Structural Targets



* DEG has been advised that all of the nuggets at Blue Moon have been found on the acquisition tenements. None of the nuggets are owned by DEG

High Grade Structural Targets



Newsflow



Structural Targets

- Toweranna RC drilling – resource extensions
- Blue Moon RC – initial scout drilling

Nov 17 commencement

Nov 17 commencement

Conglomerate Gold Targets

- Loudens – mapping, rockchip, streams, native title
- 12km target - Rockchip, streams, native title

Update pending

Update pending

Metallurgical testwork

- Recoveries and plant design

Dec 17 commencement

King Col Lithium

- Diamond drilling mineralogy
- Extend 5km soils

Planning

Nov/Dec

Other

- Zinc - strategic review and target generation

Nov 17 commencement

Corporate Summary

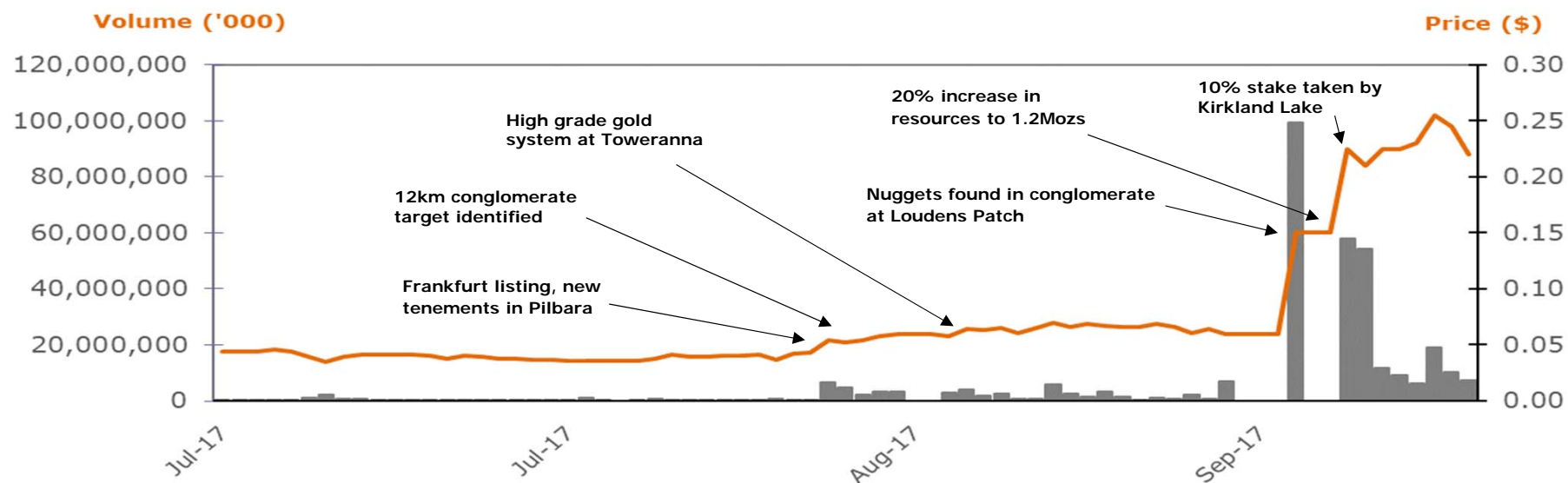


Board & Management	Capital Structure (Pre General Meeting)	
Simon Lill - Exec Chairman	Ordinary Shares	273.8M
Andy Beckwith - Exec Technical	Listed Options (\$0.10, 30/11/18)	23.6M
Steve Morris - NED	Unlisted Options (Various)	28.8M
Brett Lambert - NED	Market Cap (\$0.185)	\$50.6M
	Share Price (25/10/17)	\$0.185
Craig Nelmes – Company Secretary/CFO	Cash	~2.5M
Phil Tornatora - Exploration Manager	Enterprise Value	\$48.1M

\$5M Kirkland Lake Gold Placement*

announced 2 October 2017
 (*subject to DEG shareholder approval at 2017 AGM)

33,333,333 Shares @ \$0.15
 33,333,333 Options @ \$0.20





Contact details

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ASX Code : DEG

October 2017

De Grey Corporate Snapshot ASX: DEG



Competent Persons Statement

The information in this report that relates to **Exploration Results for the Turner River Project and Indee Gold Project** is based on, and fairly represents information and supporting documentation compiled by Mr Philip Tornatora, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. Mr Tornatora is a consultant to De Grey Mining Limited. Mr Tornatora has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves”. Mr Tornatora consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The Information in this report that relates to **Mineral Resources for the Turner River and Indee Gold Projects** is based on information compiled by Mr Paul Payne, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Payne is a full-time employee of Payne Geological Services. Mr Payne has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Payne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

Statements regarding De Grey’s plans with respect to the mineral properties, resource reviews, programmes, economic studies and future development are forward-looking statements. There can be no assurance that De Grey’s plans for development of its mineral properties will proceed any time in the future. There can also be no assurance that De Grey will be able to confirm the presence of additional mineral resources/reserves, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of De Grey’s mineral properties.