



Advancing GOLD in Africa

SEPT 2016
TSX-V:ORG

Forward-Looking Disclaimer

TSX-V: ORC

This presentation contains forward-looking information and forward-looking statements within the meaning of applicable Canadian securities laws, including statements regarding Orca Gold Inc.'s (the "Corporation", "we" or "our") plans and expectations relating to the Block 14 project ("Block 14") in northern Sudan and the Pre-Feasibility Study ("PFS") currently being conducted by the Corporation. These statements relate to analyses and other information that are based on forecasts of future results, estimates of amounts not yet determinable and assumptions of management. Statements concerning mineral resource estimates may also be deemed to constitute "forward-looking statements" to the extent that they involve estimates of the mineralization that will be encountered if the property is developed. The assumptions, risk and uncertainties outlined below are non-exhaustive. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results, performance or achievements of the Corporation, or industry results, may vary materially from those described in this presentation.

Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always, identified by words or phrases such as "expects", "anticipates", "believes", "plans", "projects", "estimates", "assumes", "intends", "strategy", "goals", "objectives", "potential", "possible" or variations thereof or stating that certain actions, events, conditions or results "may", "could", "would", "should", "might" or "will" be taken, occur or be achieved, or the negative of any of these terms and similar expressions) are not statements of historical fact and may be forward-looking statements.

Forward-looking statements and forward-looking information are not guarantees of future performance and are based upon a number of estimates and assumptions of management at the date the statements are made including without limitation, assumptions about the following (the "Forward-Looking Factors"): future prices of gold and other metals; successful exploration, development, and production of Block 14; the timing and completion of the PFS; performance of contractual obligations by counterparties; operating conditions; political stability; obtaining governmental approvals and financing on time; financial projections and budgets; obtaining licenses and permits; government regulation of the Corporation's mining activities; environmental risks and expenses; market conditions; the securities market; price volatility of the Corporation's securities; currency exchange rates; foreign mining tax regimes; insurance and uninsured risks; financial projections and results; competition; availability of sufficient capital, infrastructure, equipment and labour; dependence on key personnel; dependence on outside parties; conflicts of interest; litigation; land title

issues; local community issues; estimation of mineral resources; realization of mineral resources; timing and amount of estimated future production; the life of Block 14; reclamation obligations; changes in project parameters as plans continue to be evaluated; and anticipated costs and expenditures and our ability to achieve the Corporation's goals. While we consider these assumptions to be reasonable, the assumptions are inherently subject to significant business, social, economic, political, regulatory, competitive and other risks and uncertainties, contingencies, many of which are based on factors and events that are not within the control of the Corporation and there is no assurance they will prove to be correct.

Forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those reflected in the forward-looking statements, including, without limitation known and unknown risks, uncertainties and other factors relating to the Forward-Looking Factors above, and those factors disclosed under the heading "Risk Factors" in the Corporation's documents filed from time to time with the securities regulators in the provinces of Canada.

In addition, a number of other factors could cause the actual results, performance or achievements of the Corporation to differ materially from any future results, performance or achievements expressed or implied by the forward-looking information, and there is no assurance that the actual results, performance or achievements of the Corporation will be consistent with them. For further details, reference is made to the risk factors discussed or referred to in the Corporation's annual and interim management's discussion and analyses on file with the Canadian securities regulatory authorities and available electronically on the SEDAR website at www.sedar.com. Although the Corporation has attempted to identify important factors that could cause actual actions, events, results, performance or achievements to differ materially from those described in forward-looking statements and forward-looking information, there may be other factors that cause actions, events, results, performance or achievements not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements or information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Such forward-looking statements and information are made or given as at the date of this presentation and the Corporation disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required under applicable securities law. The reader is cautioned not to place undue reliance on forward-looking statements or forward-looking information.

- Focused on gold exploration and development in Africa
- New discovery (2012): **high-grade open pit gold project** in mineral-prolific and conflict-free area of Sudan

PRELIMINARY ECONOMIC ASSESSMENT (PEA) has returned robust economics (at US\$1,200/oz Au): **after-tax NPV(7%) of US\$128 MM, IRR of 22%, at all-in cash costs of US\$805/oz for LOM**

- **Excellent infrastructure; No local communities**
- **Commercial water discovered** 50km from proposed operation
- **Experienced management team** with successful track record advancing projects from exploration to production in Africa
- Current NI 43-101 Resource Estimate: **1.625 Moz Indicated Au resource at 1.83 g/t and 594k Inferred resource at 1.8 g/t**
- **Pre-Feasibility Study (PFS) underway** and due for completion in Q1 2017
- **Significant exploration upside** in existing targets across Block 14 (3,750km²)– Lisewei target has returned grades up to 3m at 28.7g/t and 8m of 18.47g/t uncut



Block 14: Orca's gold project in North Sudan

About Sudan

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- **Highly prospective and under explored**
- **One of the most stable governments in Africa** - Current government has been in power since 1989
- **Sudan is ranked 3rd largest gold producing country** in Africa; Hosting largest artisanal gold rush in the last century (estm. 1 million miners); 82t gold produced in 2015
- **Sudan's Minister of Mines is implementing a Mineral Wealth Development & Mining Act** with the objectives to:
 - Organize artisanal mining
 - Increase gold production
 - Develop a long term gold mining industry
 - Protect the environment



Map of Sudan: Orca's 3,750km² Block 14 concession is located +1,500km from South Sudan.

Orca Gold Inc. is engaged in gold exploration in Africa. After releasing excellent PEA results (July 26, 2016), Orca is advancing its Block 14 project in Northern Sudan to pre-feasibility study stage.

SHARE STRUCTURE (CDN\$)

Issued Capital	107M shares
Share Price (18 Aug)	\$0.42
Mcap	\$44.94 million
Cash (Aug 2016)	\$12 million

MAJOR SHAREHOLDERS

Zebra Holdings	19%
Sinotech Minerals	13%
Management & Board	5%



6-Months Share Price Performance (as at Aug 17, 2016)

RICK CLARK, B.A., LLB

CEO

- Highly successful track record in the mining industry
- Former President and CEO of Red Back Mining Inc.
- Led Red Back to become an intermediate gold producer with a 2010 production of 500,000oz/year
- Guided Red Back through all facets of growth including discovery to production, culminating in the \$9.2 billion acquisition of Red Back by Kinross Gold Corporation in late 2010

**HUGH STUART, B.Sc (Hons), M.Sc,
FGS**

President

- Involved in the discovery of +30 Moz over his 28+ year career in exploration
- Exploration Manager from discovery to production and definition of +10Moz at the Geita Gold Project in Tanzania
- VP Exploration of Red Back Mining from 2003 and responsible for the discovery of the Akwaaba Deeps and Paboase underground deposits at Chirano in Ghana and the Greenschist zone at Tasiast in Mauritania increasing the company's resources by +18Moz

KEVIN ROSS, Eur Ing, MBA, MIMMM

COO

- 40 years of experience in leading mining operations in Africa, Australia, North and South America, and Europe
- Former COO of Red Back Mining Inc. where he led its operations and directed the development of the Akwaaba Deeps underground mine, the Chirano plant expansion and the Tasiast plant expansion
- Former COO of Sirocco Mining Inc., New Gold, Invernica Inc., and former CEO of ARCON International

JEFF YIP, B.Comm., CPA, CA

CFO

- Corporate Controller in the Lundin Group since April 2012
- Appointed CFO of Orca in February 2016

Board Of Directors

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RICK CLARK

- CEO & Director

HUGH STUART

- Director

SIMON JACKSON, CA

Chairman

- Over 25 years experience in the mining sector, specializing in M&A, public equity markets management and corporate finance
- Managing Director and CEO of Beadell Resources Limited, an ASX listed gold producer
- Former President and CEO of Orca from April 2013 to December 2014
- Former VP Corporate Development of Red Back Mining Inc.

**ALEX DAVIDSON, B.Sc,
M.Sc (Econ. Geol.), P. Geo**

Non-Exec Director

- Over 25 years experience in designing, implementing and managing gold and base metal exploration and acquisition programs
- Formerly served as Executive VP Exploration and Corporate Development for Barrick Gold
- 2005 A.O. Dufresne Award from the Canadian Institute of Mining, Metallurgy and Petroleum
- 2013 Prospector of the Year by the Prospectors and Developers Association of Canada

**DR JINGBIN WANG, B.Sc,
PhD Geology**

Non-Exec Director

- Over 28 years of mineral exploration and mining experience
- Executive Director of China Nonferrous Metals Resource Geological Survey and VP of the China Nonferrous Metals Industry Association
- National Youth Expert for Outstanding Contribution in China and the Chief Scientist of National 973 Program
- President of the Beijing Institute of Geology for Mineral Resources and is currently Chairman of Sinotech Minerals Exploration Co., Ltd.

SHUXING FU, B.Sc

Non-Exec Director

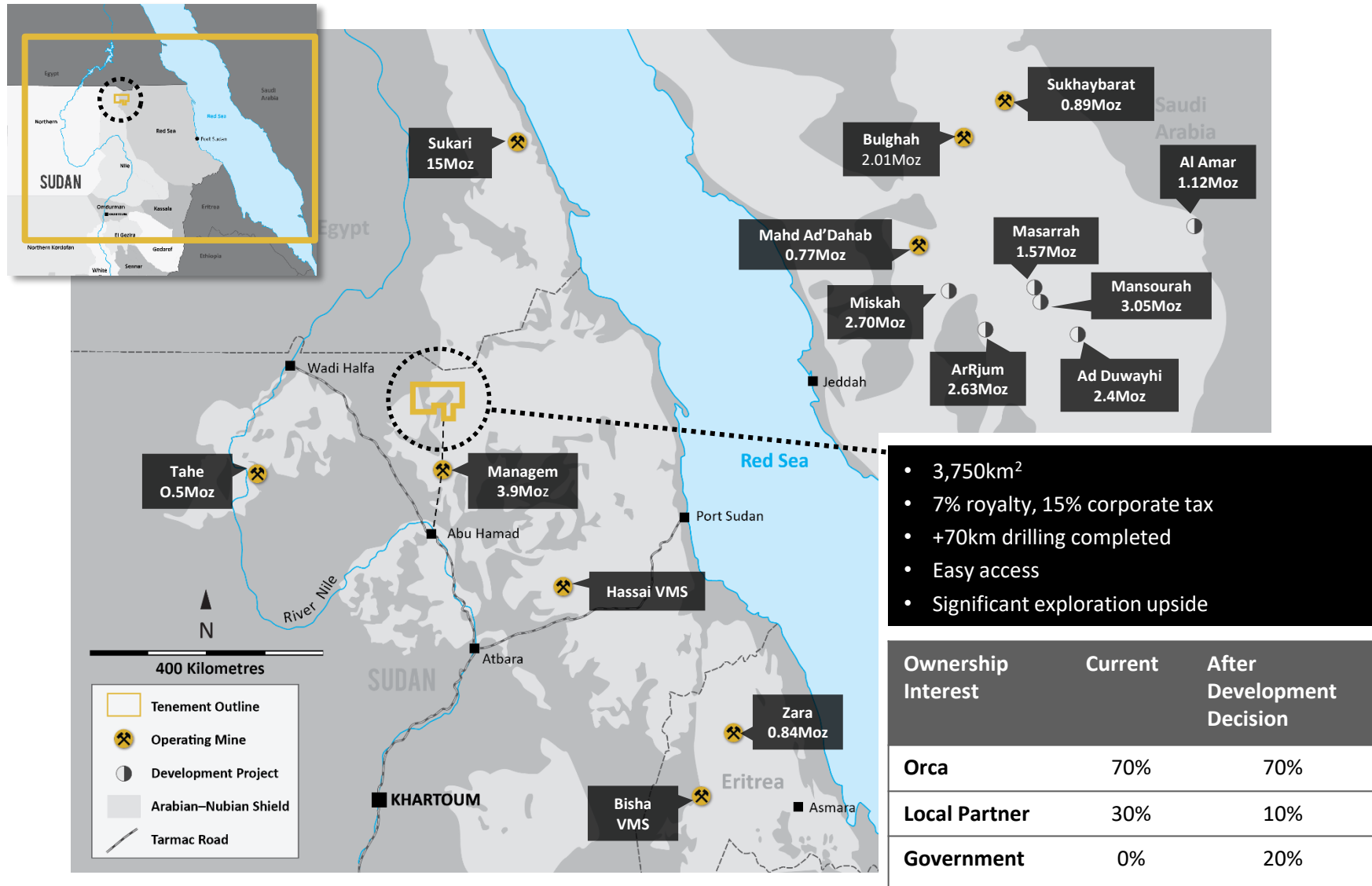
- Over 28 years of experience in mineral exploration and mining operations as well as scientific research
- Deputy Director of China Nonferrous Metals Resource Geological Survey & VP of Beijing Institute of Geology for Mineral Resources
- Honorably a member of the experts guiding the Prospecting Breakthrough Strategic Move designated by the Ministry of Land and Resources of China, and is a respectfully recognized expert in non-ferrous metals by China Nonferrous Metals Industry Association

BOB CHASE, CPA, CA

Non-Exec Director

- Over 30 years experience as a financial executive in the mining industry
- Formerly a director with Red Back Mining Inc.
- Has served as a senior board member for a number of public companies

Project Overview : Block 14

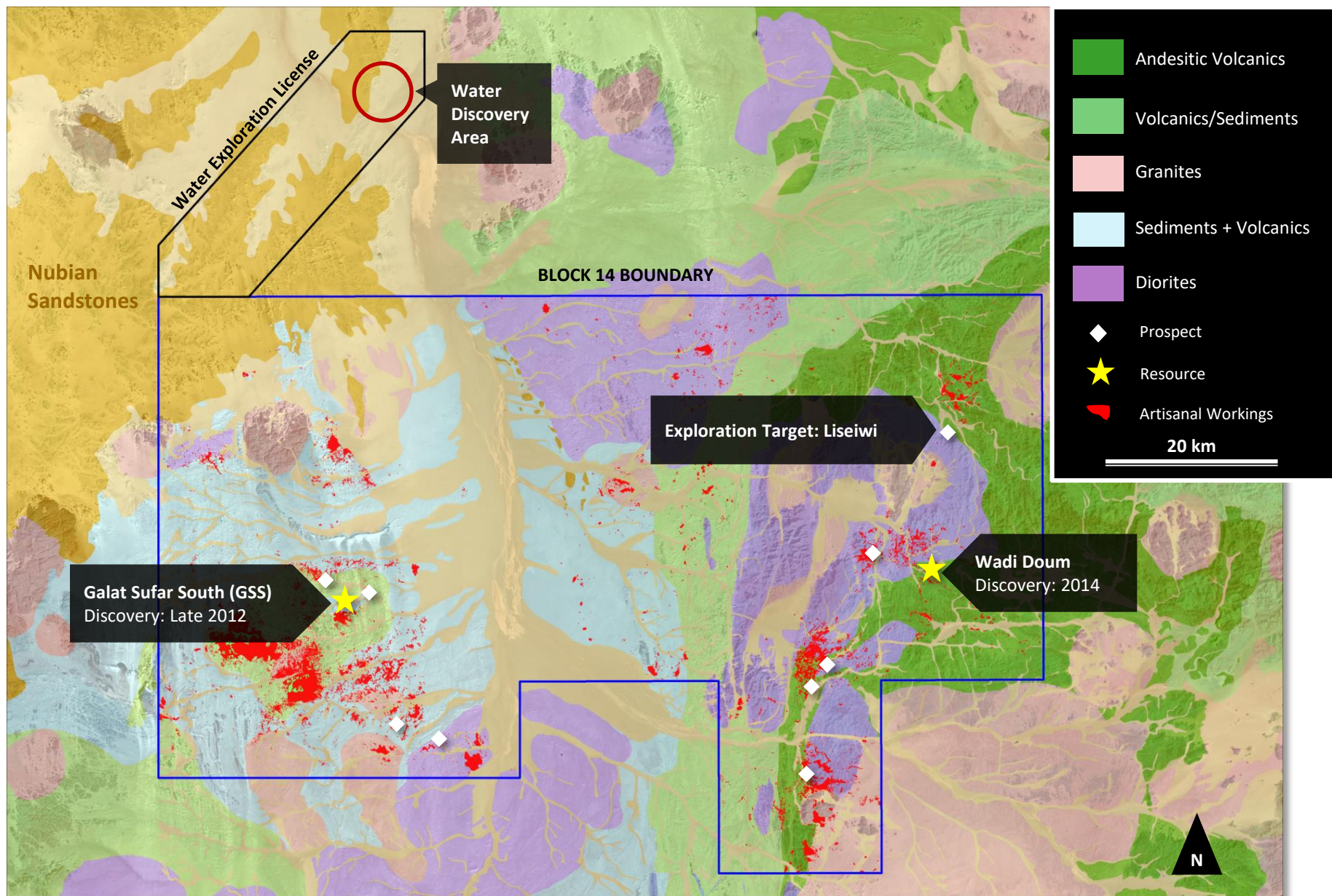


- 3,750km²
- 7% royalty, 15% corporate tax
- +70km drilling completed
- Easy access
- Significant exploration upside

Ownership Interest	Current	After Development Decision
Orca	70%	70%
Local Partner	30%	10%
Government	0%	20%

Block 14 Concession – 3,750 km²

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NI 43-101 Resource Estimate

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ROBUST RESOURCE

- **71,072m** drilled to February 2016
- **71%** in indicated category
- **79%** within 150m of surface
- **Up to 85m** true width
- **Wadi Doum** – high-grade satellite
- **Open pit mining**

Category	Mt	Au g/t	Koz
Indicated Resource	27.7	1.80	1,599
Inferred Resource	11.4	1.70	641

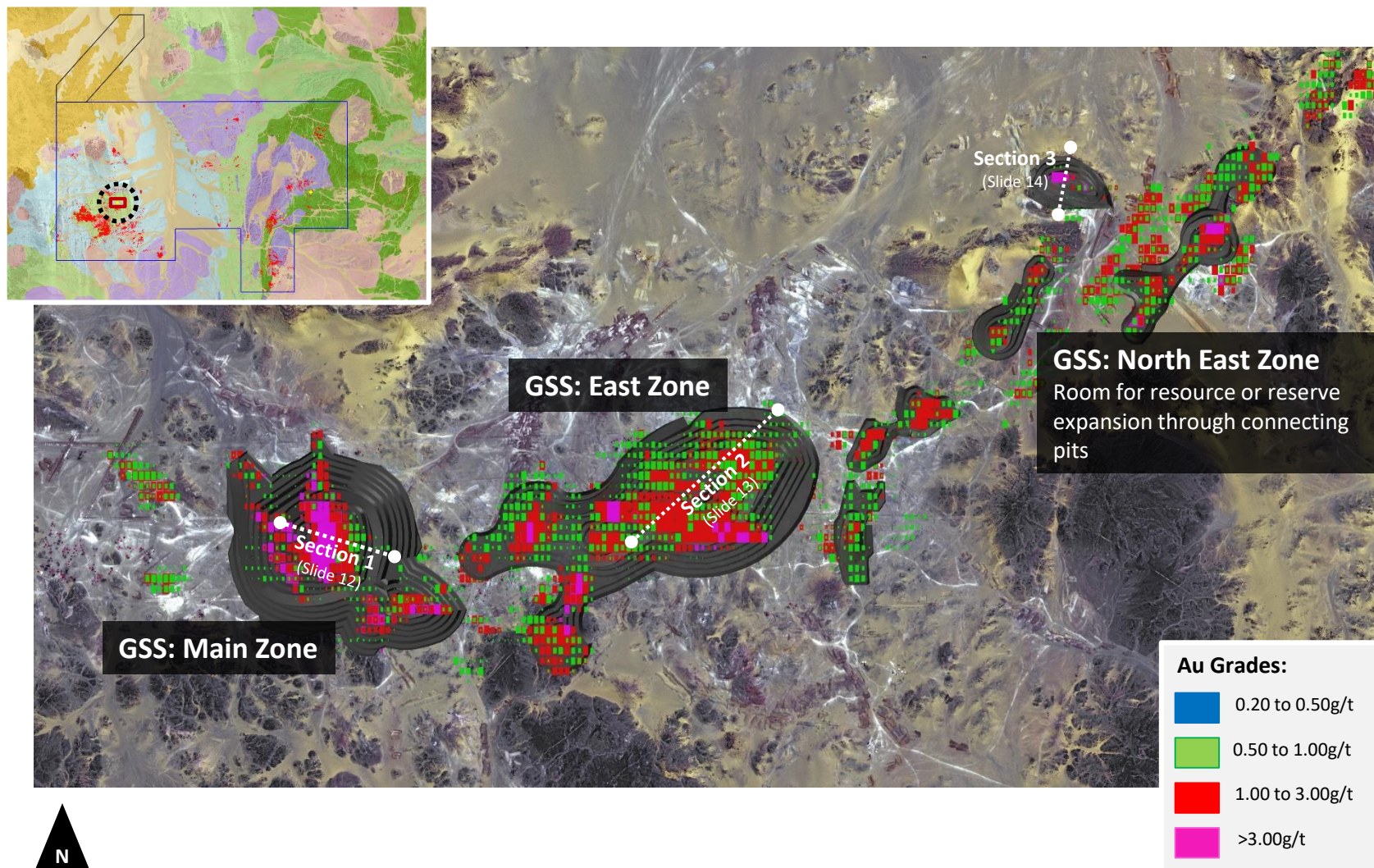
Prospect	Category	Mt	Au g/t	Koz
GSS	Indicated	26.3	1.77	1,471
	Inferred	10.0	1.7	547
Wadi Doum	Indicated	1.36	2.91	127
	Inferred	1.4	2.1	95



Mineral Resource estimate completed by MPR Geological Consultants, Perth and reported at 1g/t cut off grade as per PEA press release July 26, 2016. Slight discrepancy in numbers due to rounding.

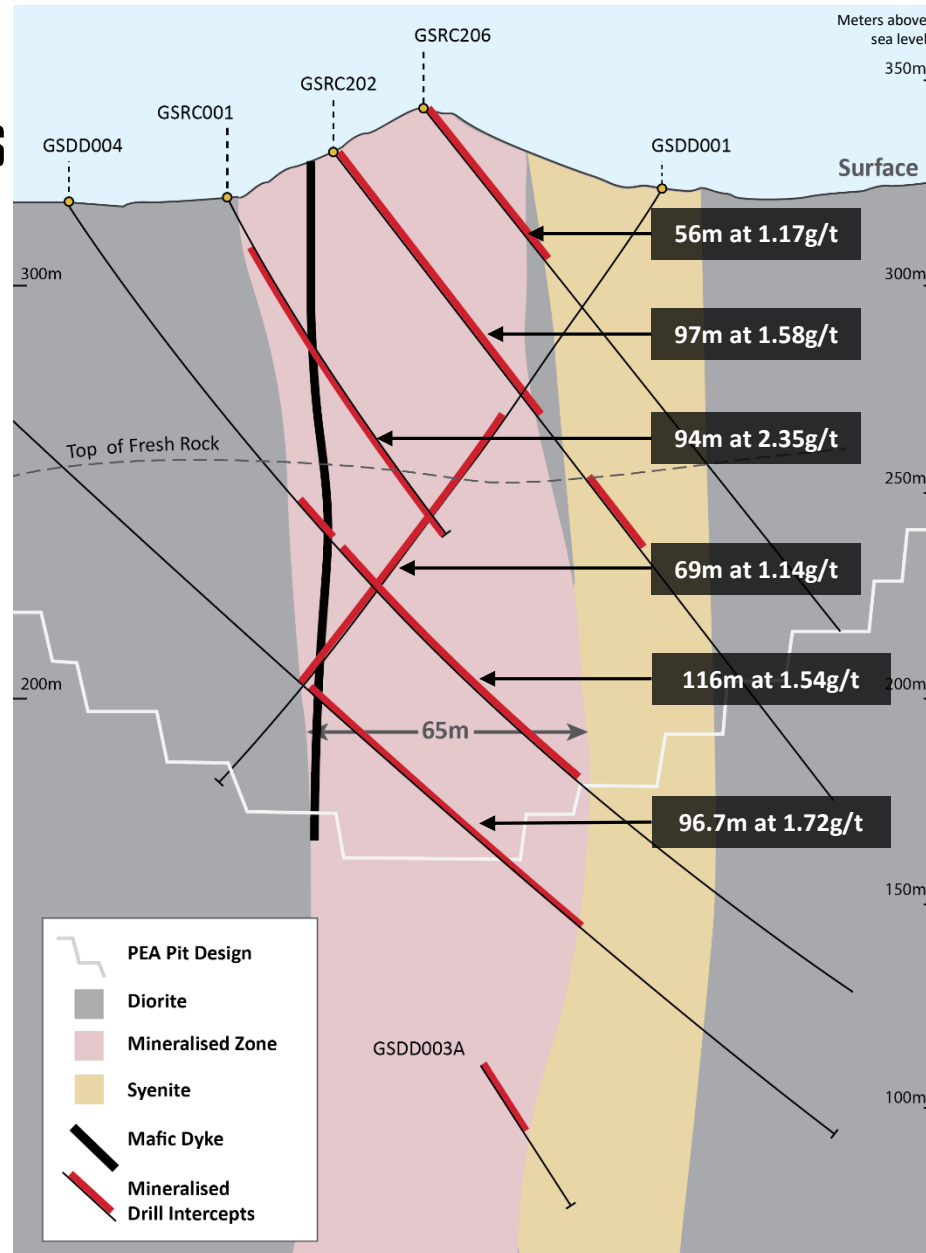
GSS Zone Plan View

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MAIN ZONE: GSS

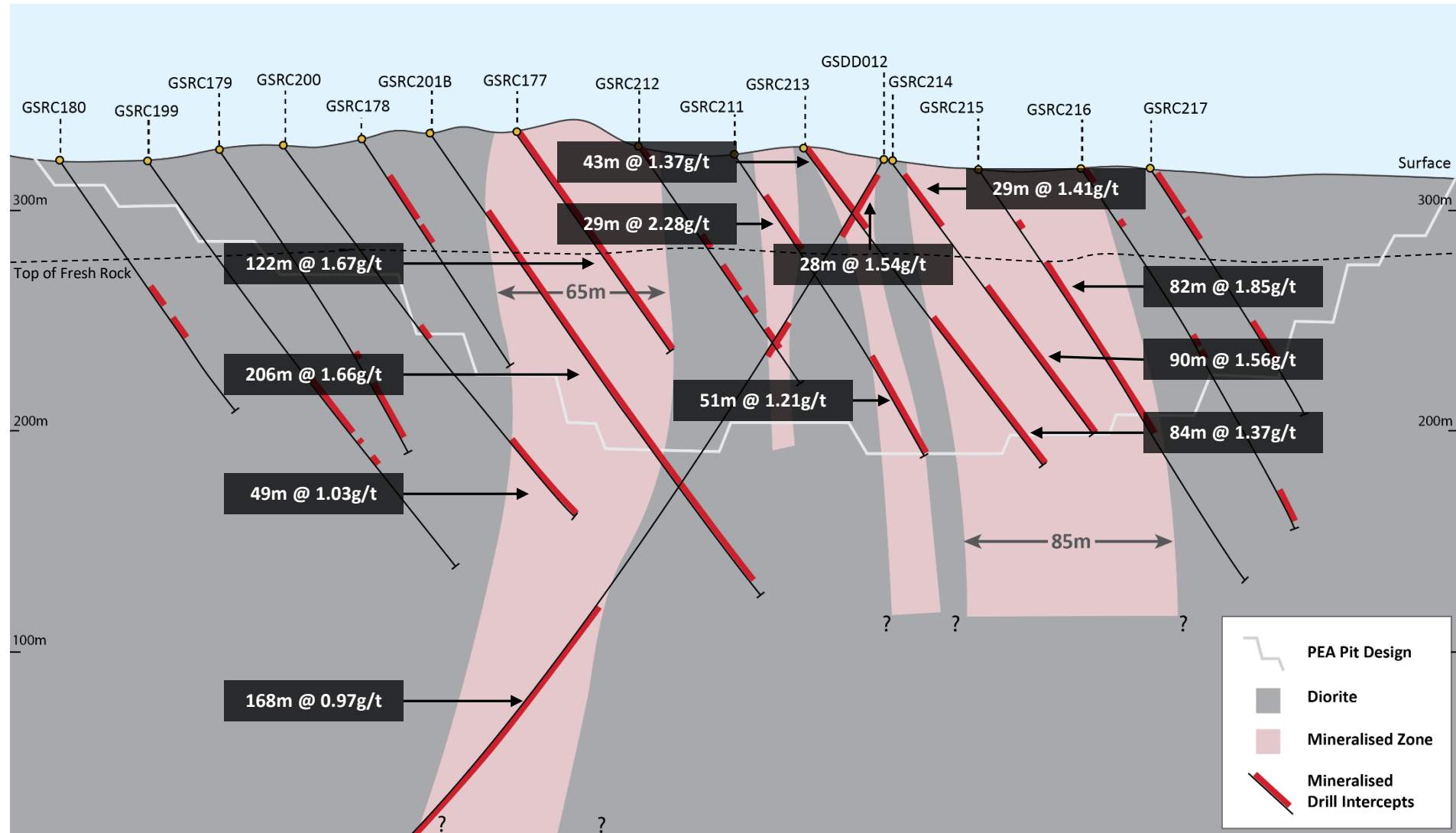
Section 1 – Wide Zones of Mineralisation



EAST ZONE: GSS

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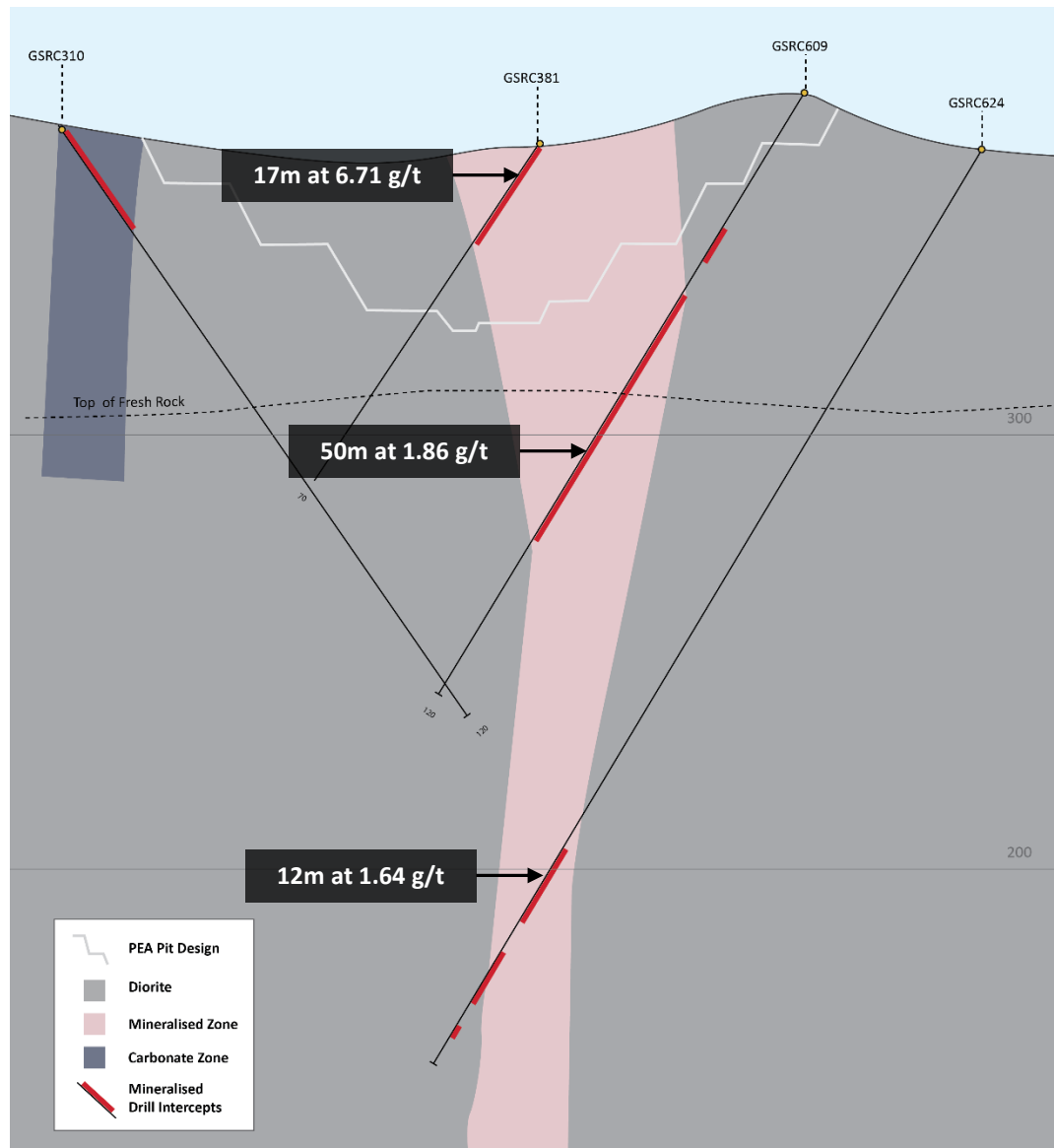
Section 2 – Wide Zones of Mineralisation



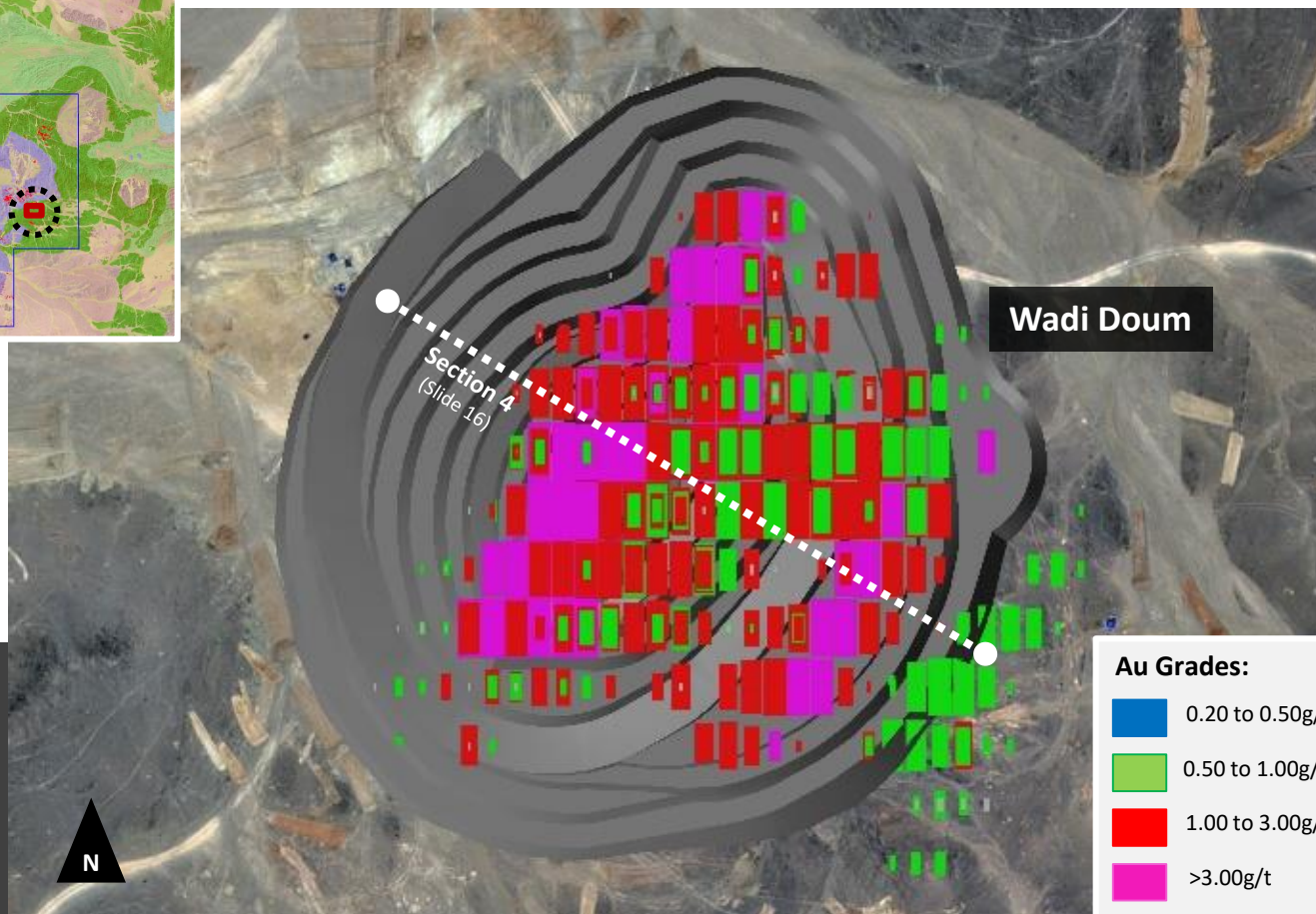
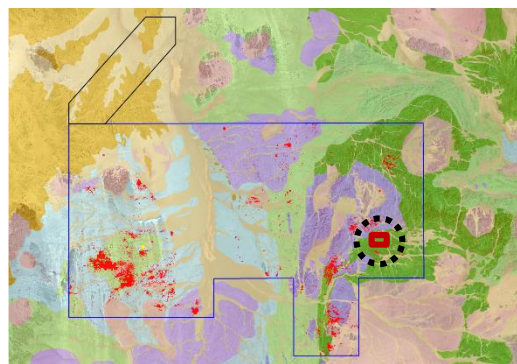
North East Zone: GSS

Section 3

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Wadi Doum Plan View



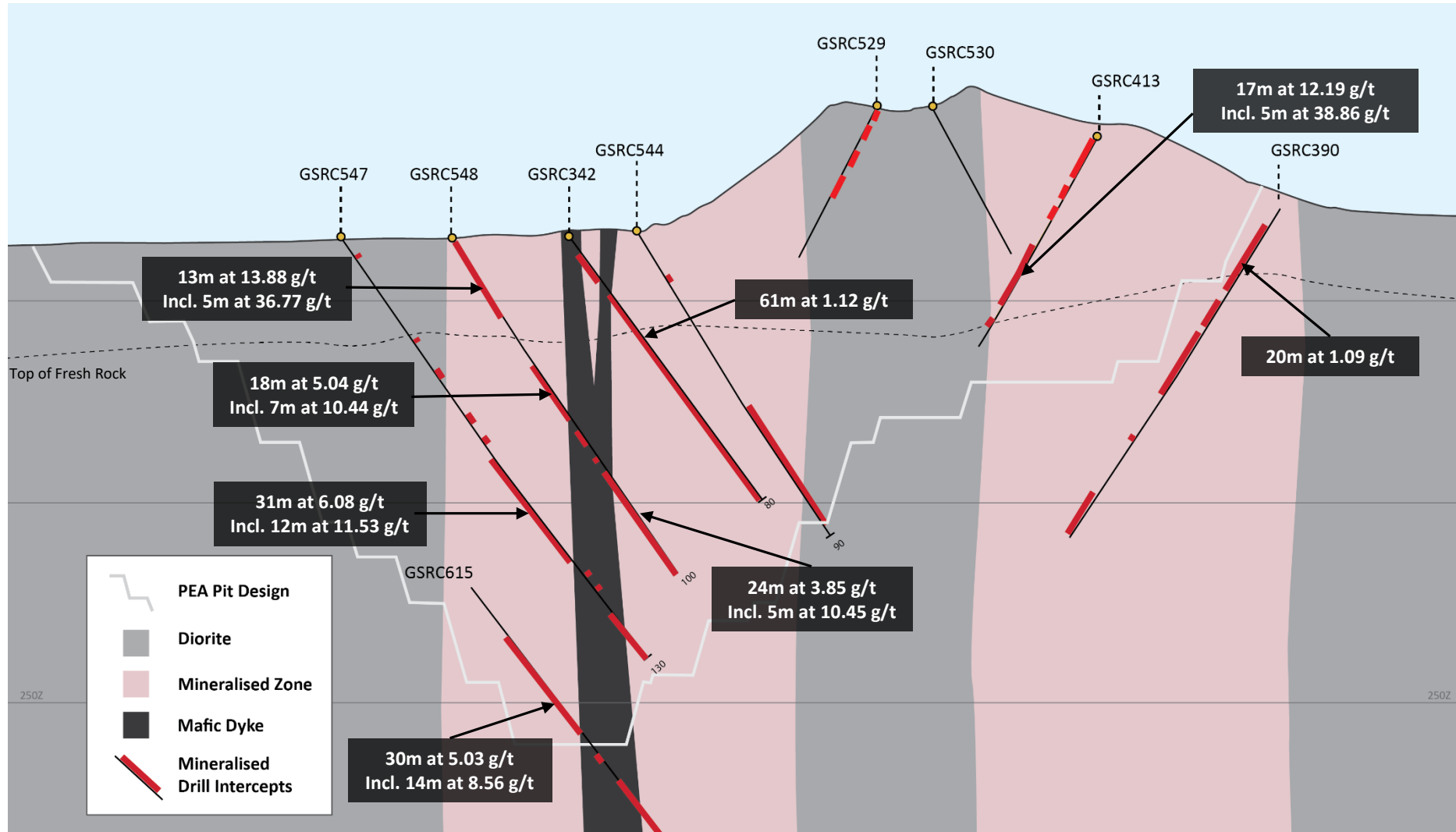
Au Grades:

Blue	0.20 to 0.50g/t
Green	0.50 to 1.00g/t
Red	1.00 to 3.00g/t
Pink	>3.00g/t

- Mineralisation remains open in all directions
- Significant high grades intersected in numerous holes within Resource

Wadi Doum – Section 4

High-Grade Satellite: Contributing 2Mt at 2.7g/t to proposed Operation



PEA Highlights

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On a 100% basis using gold price **US\$1,000/oz** for mine design and **US\$1,200/oz** for PEA's** economic analysis:

Pre-tax NPV (7%) / IRR	US\$ 156 M / 25%
After-tax NPV (7%)/ IRR	US\$ 128 M / 22%
In-Pit Mineral Resource	Indicated: 25.07 Mt at 1.52 g/t for 1.22 Moz Inferred: 2.80Mt at 1.51g/t for 0.14Moz
Life of Mine ("LOM") Au Production	Indicated: 1,053,302 oz Inferred: 117,034 oz
Mine Life	16 years
Average Annual LOM Production	73,000 oz Au/year
Average Annual Production (Yr. 1-5)	82,400 oz Au/year
Average Au Recoveries	86%
Strip Ratio	2:1
LOM Cash Costs	US\$ 778/oz
LOM All-in Cash Costs	US\$ 805/oz
Initial CAPEX*	US\$ 123 M
Sustaining Capital Cost*	US\$ 31 M

* Incl. 19% contingency

**See Company press releases dated July 26, 2016 for more details

CONTRIBUTORS:



Sensitivity Analysis

(US\$)

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Au Price	\$1,000	\$1,150	\$1,200	\$1,250	\$1,300
Pre-Tax NPV (7%)	\$91 M	\$123 M	\$156 M	\$189 M	\$222 M
Pre-Tax IRR	18%	22%	25%	29%	32%
After-Tax NPV (7%)	\$72 M	\$100 M	\$128 M	\$156 M	\$184 M
After-Tax IRR	16%	19%	22%	25%	28%

See Company press releases dated July 26, 2016 for more details.

In-Pit Resources

at US \$1,100/oz

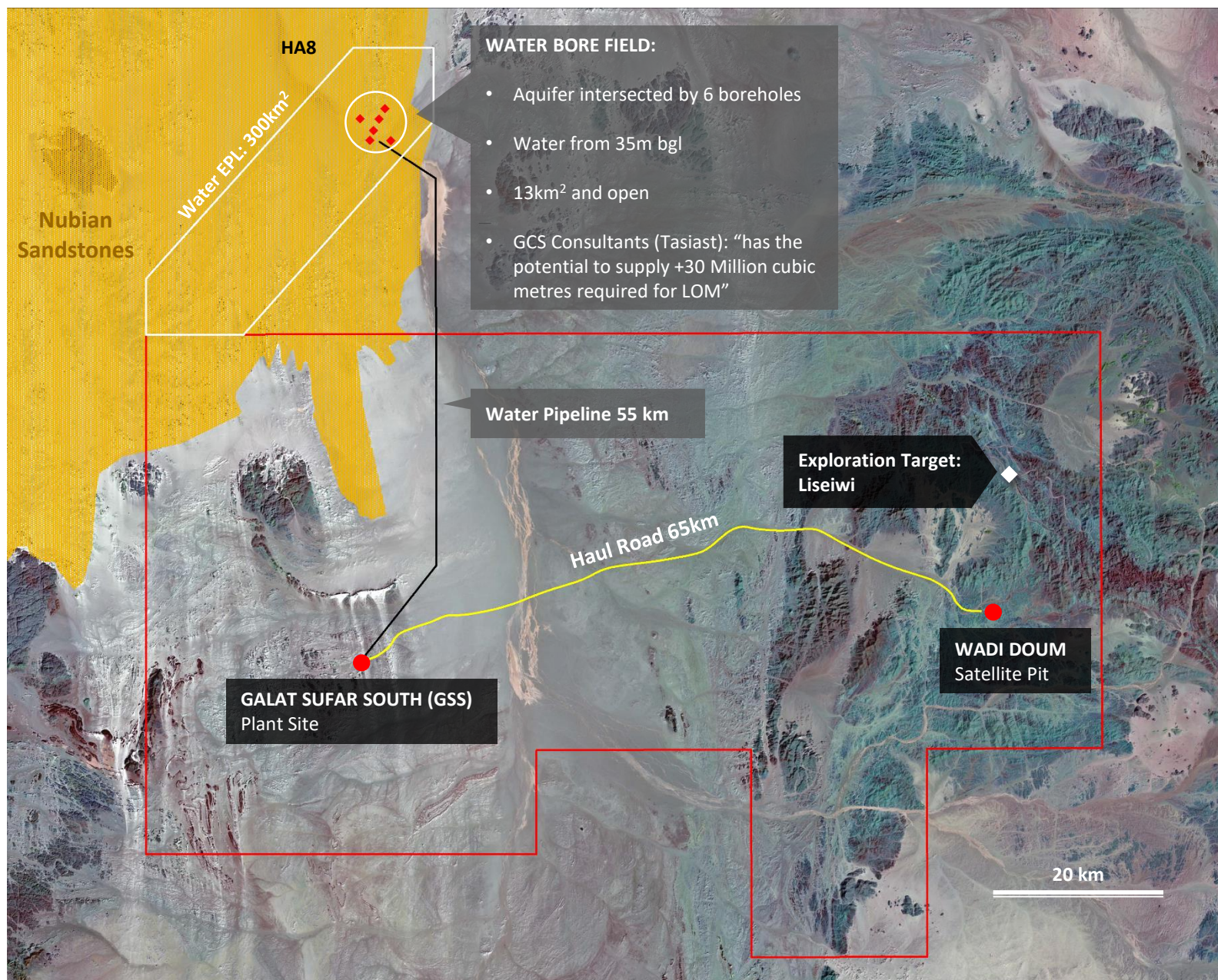
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In-pit resources from PEA pit designs (see SLIDE 21 & 22) at 1g/t cut off.

Deposit	Indicated Resources			Inferred Resources			% Indicated
	Mt	Au g/t	Koz	Mt	Au g/t	Koz	
GSS	23.77	1.44	1,101	2.10	1.27	85.8	92%
Wadi Doum	1.30	2.90	121	0.70	2.21	49.7	65%
Total	25.07	1.52	1,221	2.80	1.51	136	90%

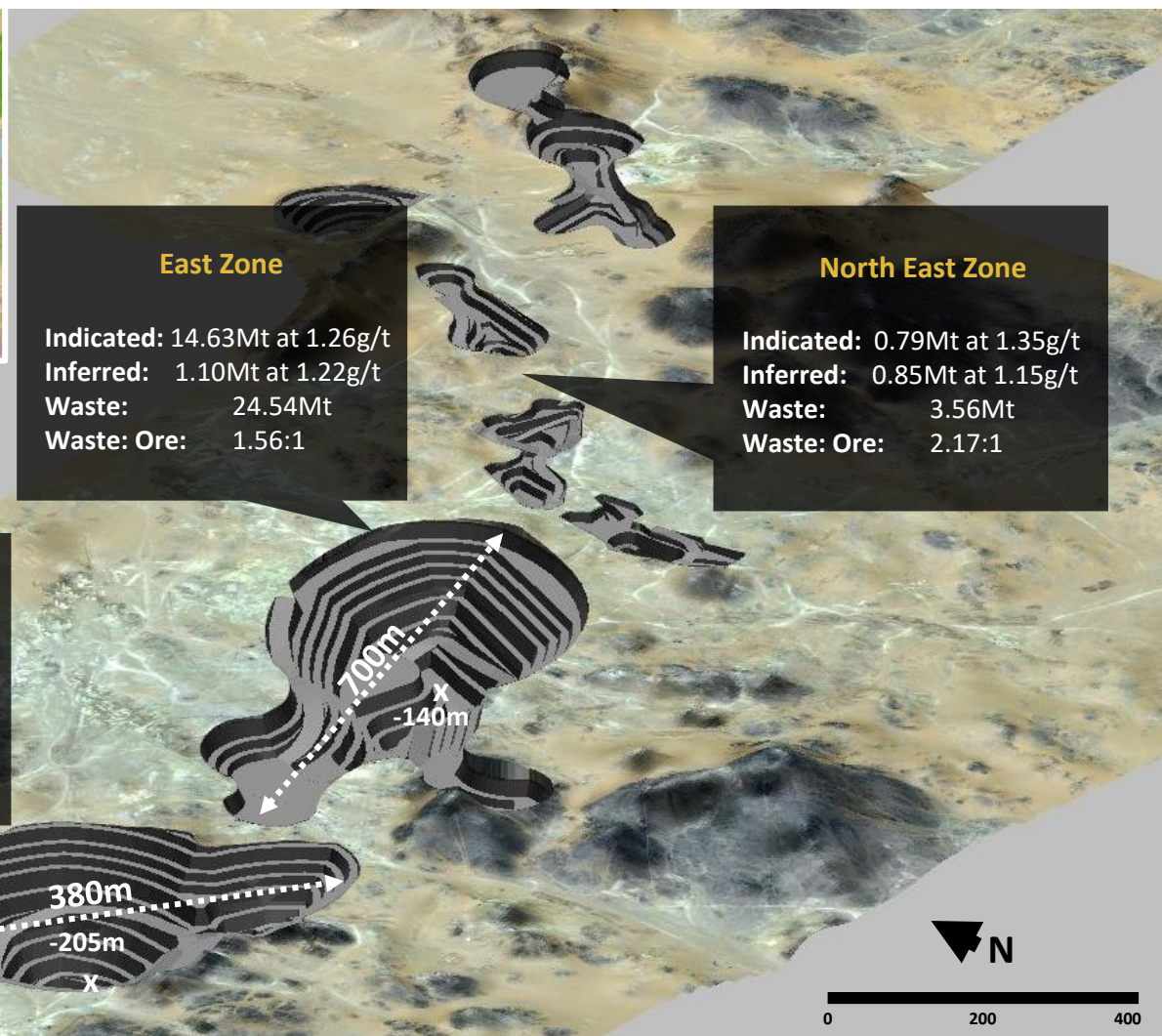
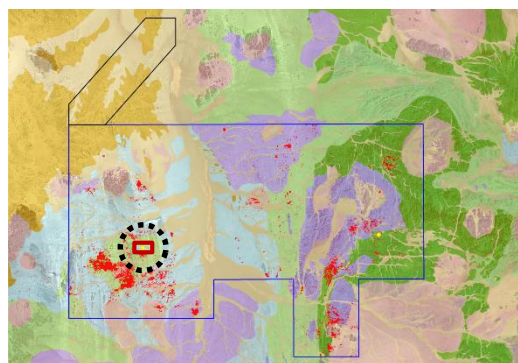
Water Aquifer at Block 14

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Preliminary Pit Design - GSS

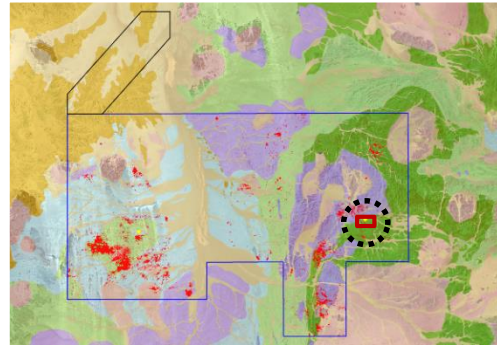
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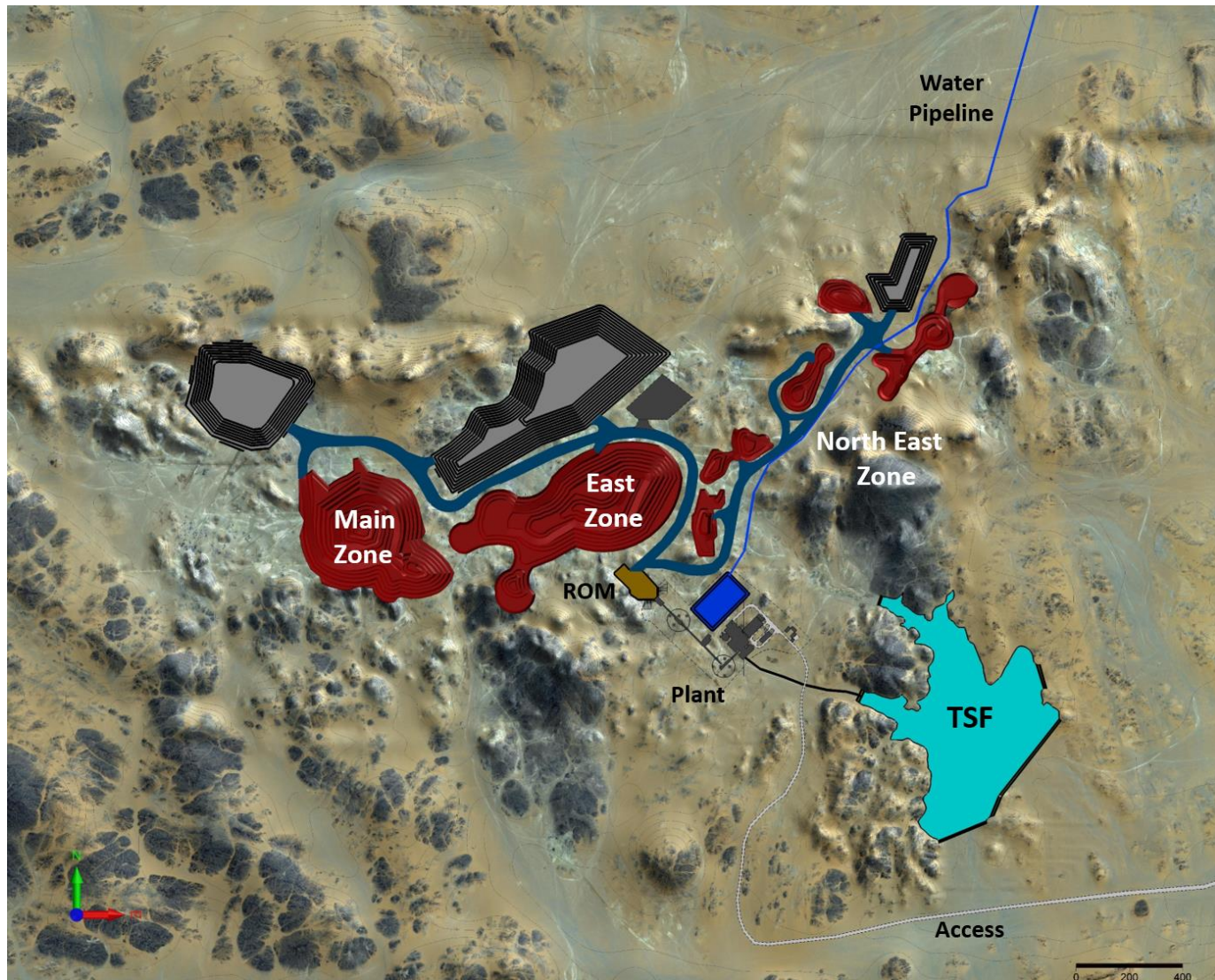


*Indicate

Preliminary Pit Design – Wadi Doum

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PFS: An Opportunity to Enhance Value

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Metallurgy	Throughput	Geotechnical
<ul style="list-style-type: none"> Combination of flash flotation and fine grinding of a pyrite concentrate have potential to increase fresh and transition recoveries 	<ul style="list-style-type: none"> Potential to increase throughput from 1.8 Mtpa 	<ul style="list-style-type: none"> PEA pit slopes conservative, geotechnical drilling underway to further optimize pit designs
Water Supply	Reserve Definition	Exploration
<ul style="list-style-type: none"> Well drilling to confirm commercial flow rates 	<ul style="list-style-type: none"> In-fill pit drill program of GSS and Wadi Doum underway to define ore reserves Deep drilling under pits to test high grade structure extensions 	<ul style="list-style-type: none"> Ongoing exploration for satellite resources on Block 14 (3,750km²) i.e. Liseiwi

Pre-Feasibility Study in progress and due for completion Q1 2017:

Managed By:

Lycopodium

Other Contributors:



Deswik
Delivering mining efficiency



SGS Mineral Services



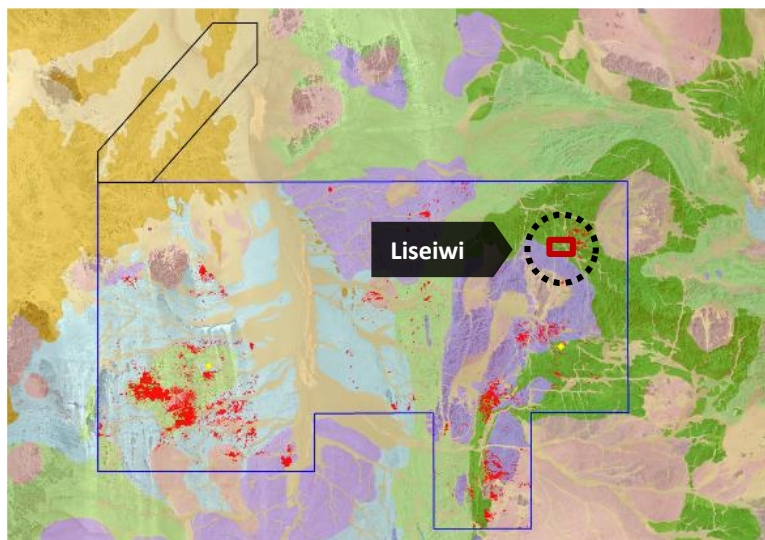
srk consulting



Exploration Upside

Liseiwi

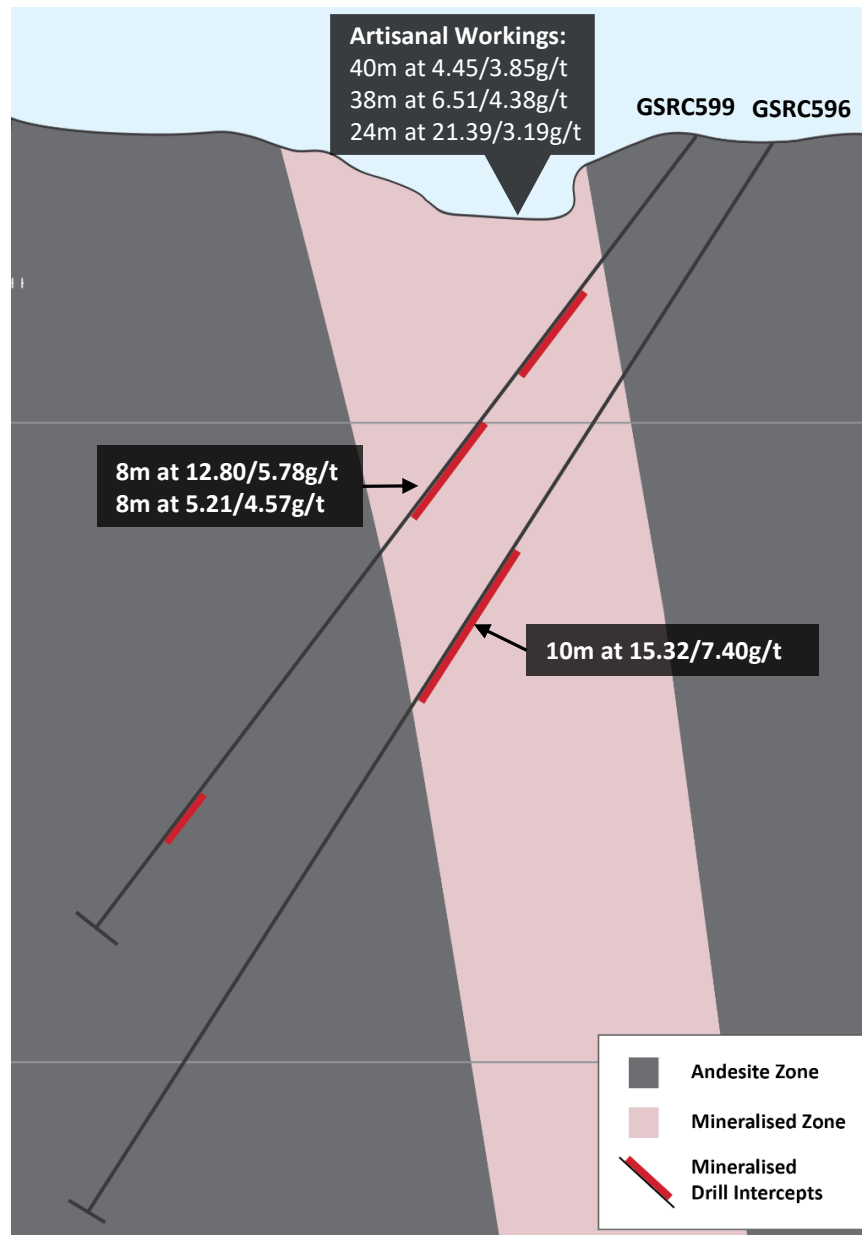
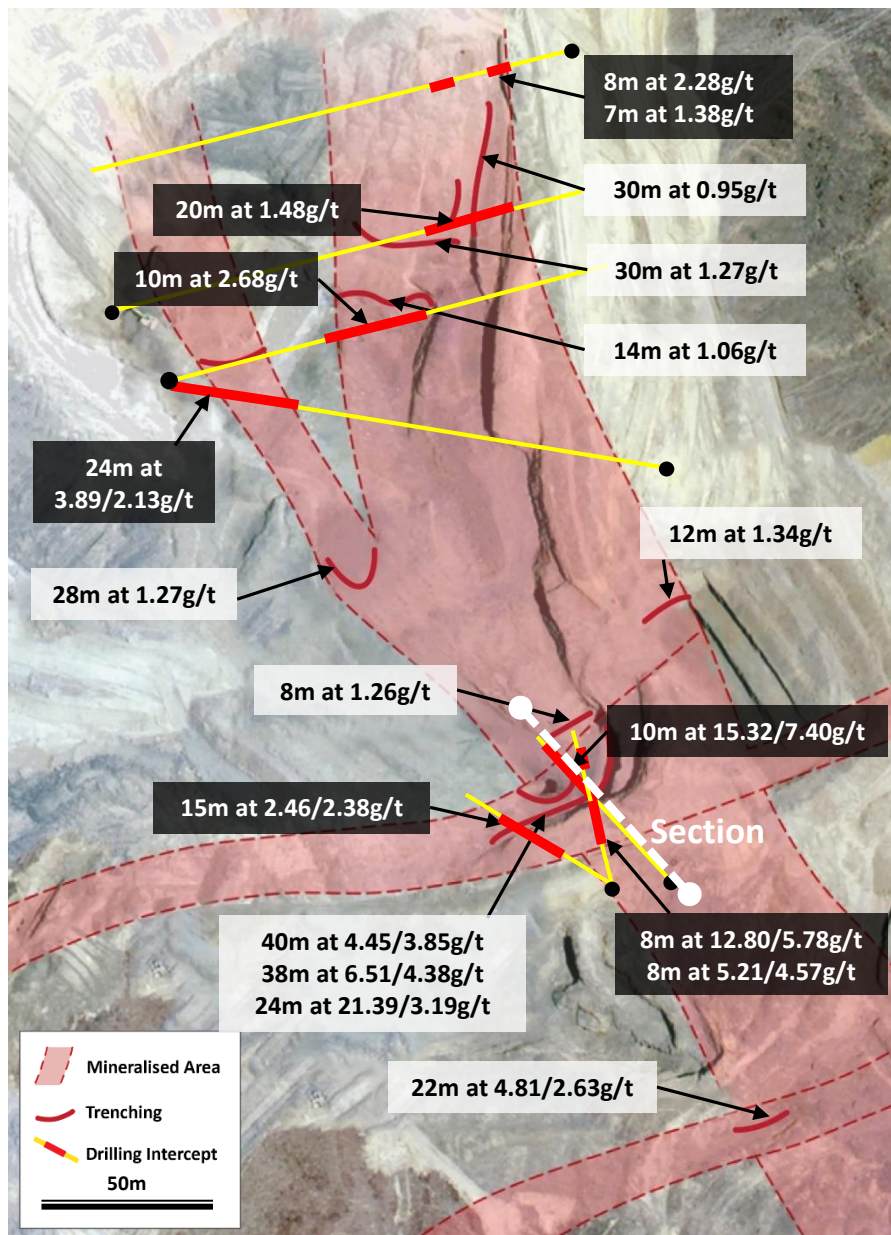
- High-grade target
- 15km north of Wadi Doum
- Grades up to **3m at 28.7g/t** and **5m of 23.69g/t uncut** (see slide 26 for cross section and plan view)
- Priority target for follow up



Hole	From	To	Metres	Au g/t Uncut
GSRC592	No significant Intercept			
GSRC593	30	50	20	1.48
GSRC594	67	77	10	2.68
GSRC595	0	24	24	3.89
Incl.	9	12	3	22.18
GSRC596	38	48	10	15.32
Incl.	39	44	5	23.69
GSRC597	No significant Intercept			
GSRC598	30	45	15	2.46
GSRC599	16	24	8	12.80
Incl.	17	20	3	28.73
	29	37	8	5.21
GSRC600	35	43	8	2.28
GSRC610	8	18	10	2.37
GSRC611	45	52	7	4.79
GSRC612	No significant Intercept			

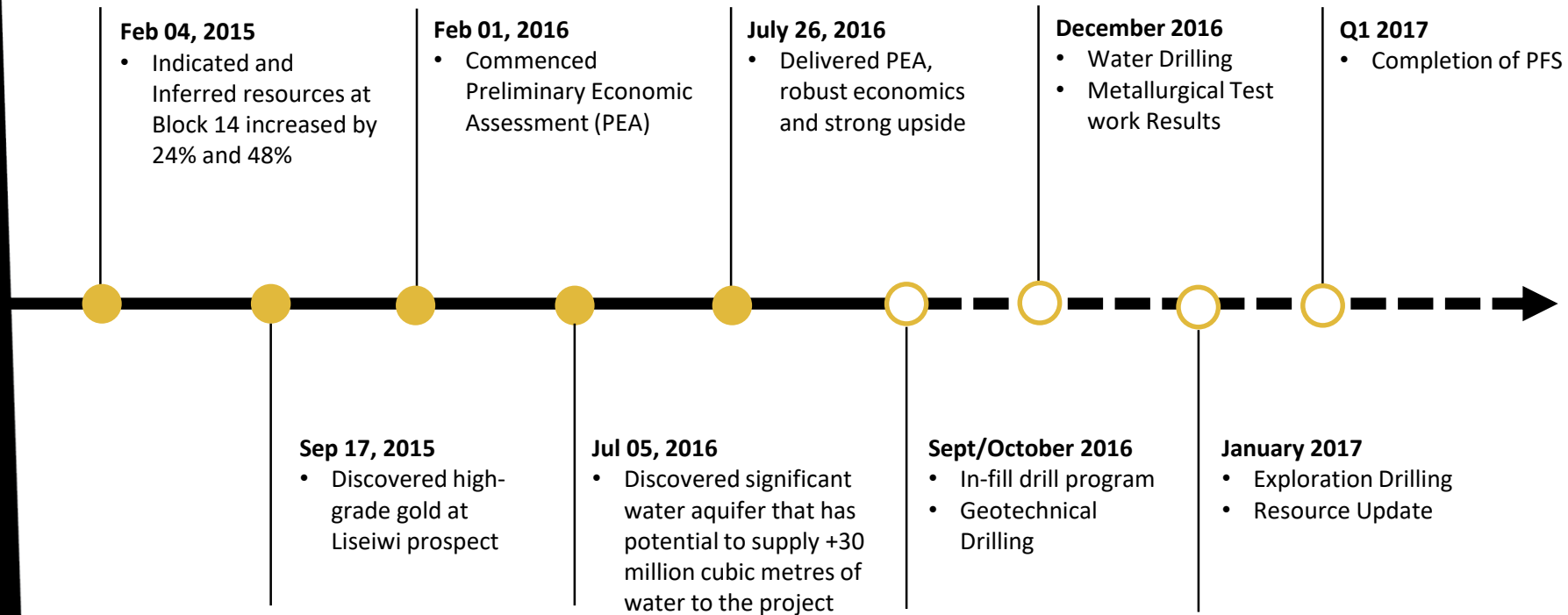
Liseiwi Plan View & Cross Section

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Project Timeline

Milestones and upcoming catalysts



Investment Summary

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COMPANY	PROJECT	JURISDICTION
<ul style="list-style-type: none">• Proven management• Strong balance sheet through H1 2017	<ul style="list-style-type: none">• Options for low-cost starter project• EV/oz = \$15/oz - positive comparison with peer projects• PFS due for completion Q1/2017	<ul style="list-style-type: none">• Strong government relations• Stable operating environment• Robust development project with significant upside



Notes

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Notes

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THANK YOU!

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Hugh Stuart | President

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