

Noosa Mining and Exploration Conference

**ASX:OBS** 



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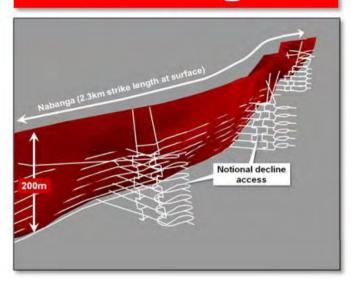
#### Orbis Key Assets - Burkina Faso

#### Natougou



- Potential large-scale low cost gold mine
- 1.8Mozs / 3.7g/t Au<sup>(1)</sup>
  (Total Mineral Resource)
- Development feasibility study in progress

#### Nabanga



- High grade quartz lode deposit
- 0.57Mozs / 10g/t Au<sup>(2)</sup>
  (Inferred Mineral Resource)
- Internal scoping study in progress (combined open pit / underground gold mine)

#### **Exploration**

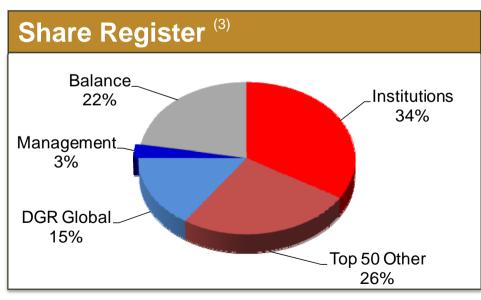


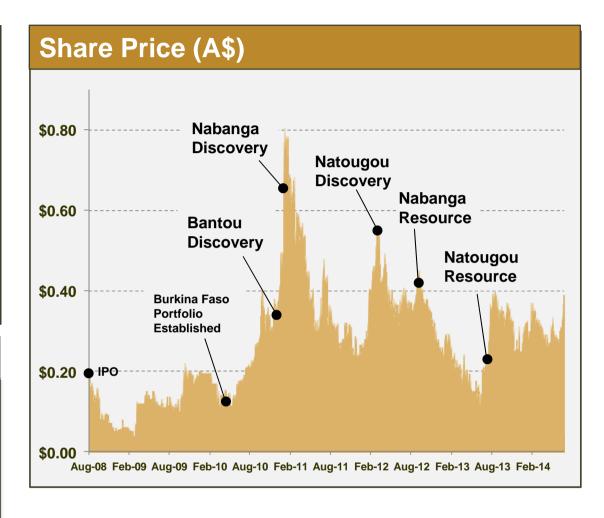
- ~2,700km² permit area
- Bantou discovery
  - 11m @ 11.73g/t Au
  - 8m @ 80.32g/t Au
- Tankoro discovery
  - multiple new gold mineralised structures defined mid-2014



#### Orbis - Shareholder / Financial Overview

Capital Structure	
ASX Code:	OBS
Shares (ordinary):	249.9m
Options (unlisted):	3.3m
Share Price:	37.5 cents (1)
Market Capitalisation:	A\$94m
Cash:	A\$10.1m <sup>(2)</sup>





- (1) As at 15th July 2014.
- (2) As at 30<sup>th</sup> March 2014 (unaudited).
- (3) As at 28th February 2014 (unaudited).



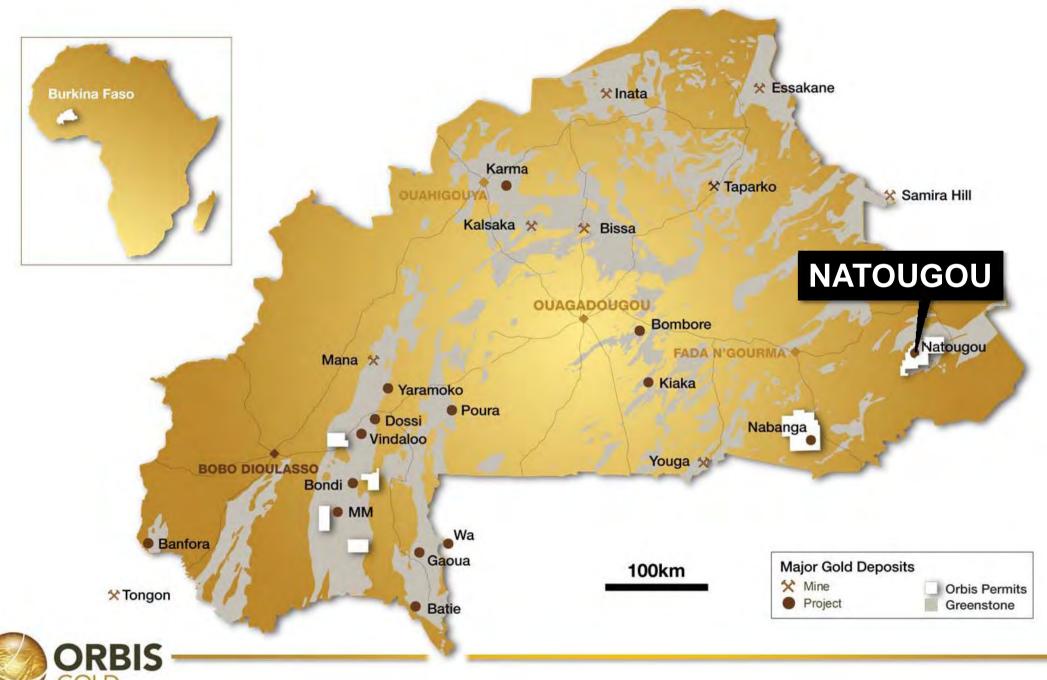
#### West Africa - World-Class Gold Province

( Host to more than seventy +1Moz gold deposits / Gold production +7Mozs p.a. )

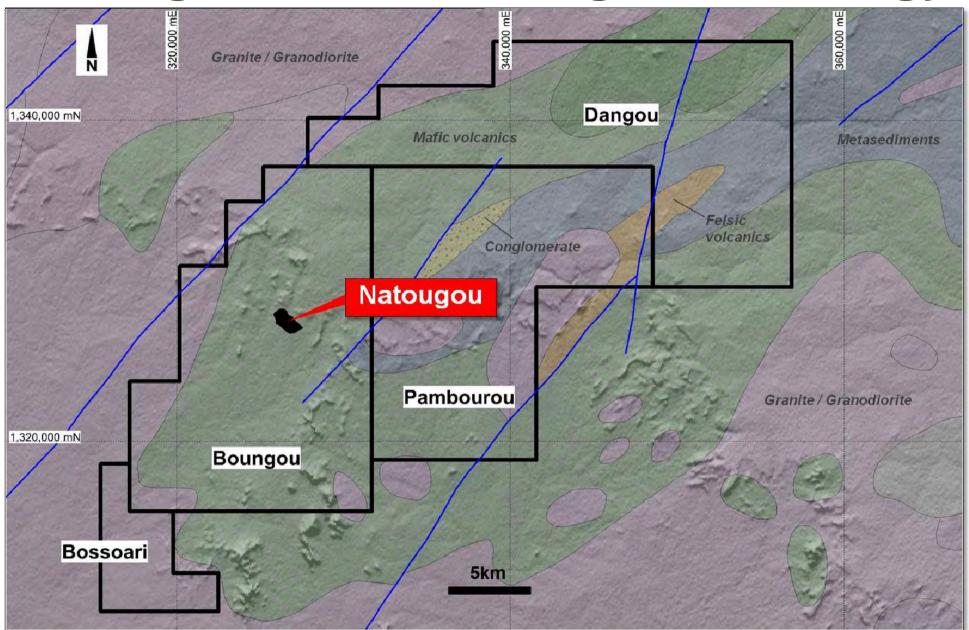




#### Natougou – Significant New Gold Project

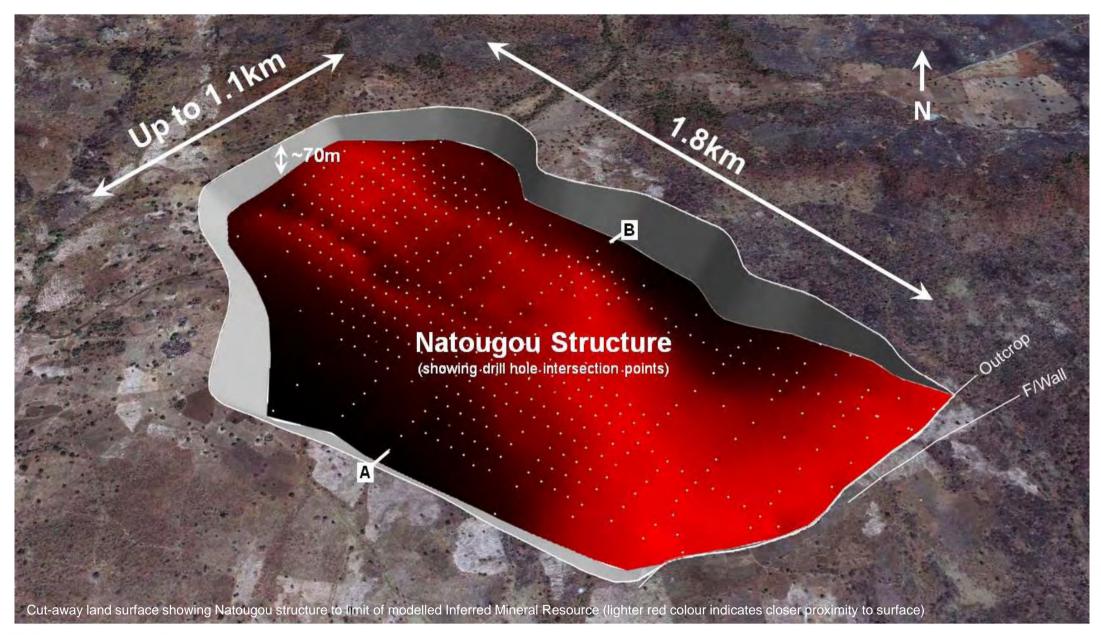


#### Natougou – Tenure / Regional Geology





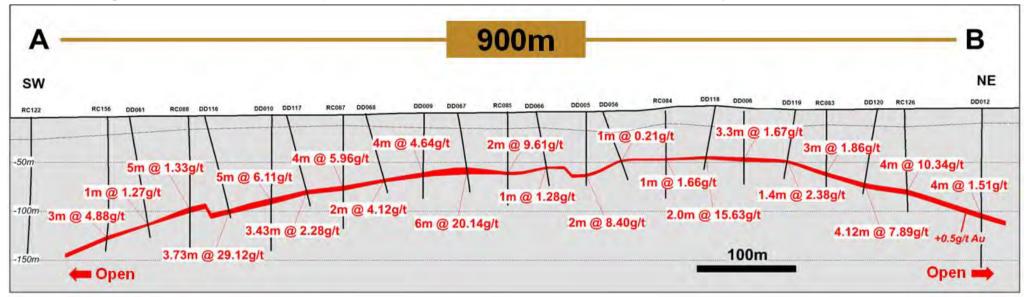
#### Natougou – Large-Scale Near-Surface Deposit





### Natougou – Simple Geometry

(Natougou structure outcrops at surface – drilled to approximately 150m maximum depth)



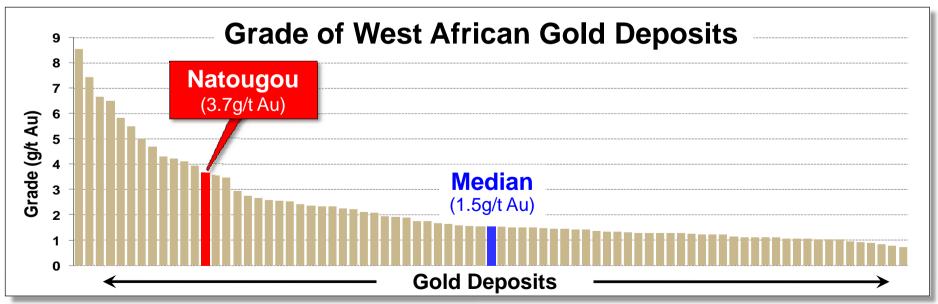




#### Natougou – High Grade Mineralisation

(Natougou grade is substantially above that typical of the West African region)

Natougou Mineral Resource				
Category	Tonnes Grade Ounces			
Indicated <sup>(1)</sup>	1.2 Mt	5.2g/t Au	0.20 Mozs	
Inferred <sup>(1)</sup>	14 Mt	3.5g/t Au	1.6 Mozs	
Total (1)	15 Mt	3.7g/t Au	1.8 Mozs	





#### **Scoping Study Completed October 2013**

#### Cautionary Statement Regarding Natougou Production Targets / Scoping Study

The Company advises the Natougou Scoping Study results and production targets reflected in this presentation are preliminary in nature as conclusions are drawn partly from Indicated Mineral Resources and Inferred Mineral Resources.

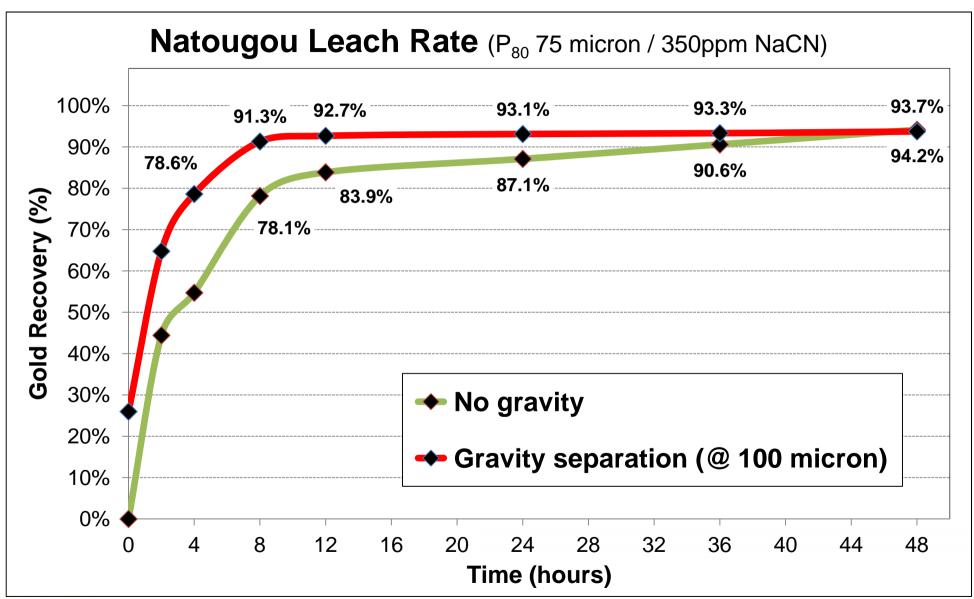
The Natougou Scoping Study is based on lower level technical and economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the Scoping Study will be realised.

There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.



### Natougou – Simple Metallurgy

(Natougou mineralisation is amenable to conventional cyanide leach / gravity enhances leach rates)





### Natougou – Substantial Project Scale

(Scoping Study indicates potential for development of a large-scale gold project)

Mining	
Total Mill Feed	12.5Mt @ 3.51g/t Au for 1.41Mozs gold
Strip Ratio	13.2 : 1 (11.8 : 1 after pre-strip)

Processing	
Flow Sheet	Conventional CIL circuit / 2Mtpa
Gold Recovery	94%
Total Gold Produced	1.32Mozs
Mine Life	6.2 yrs
Gold Production (LOM average)	213kozs pa



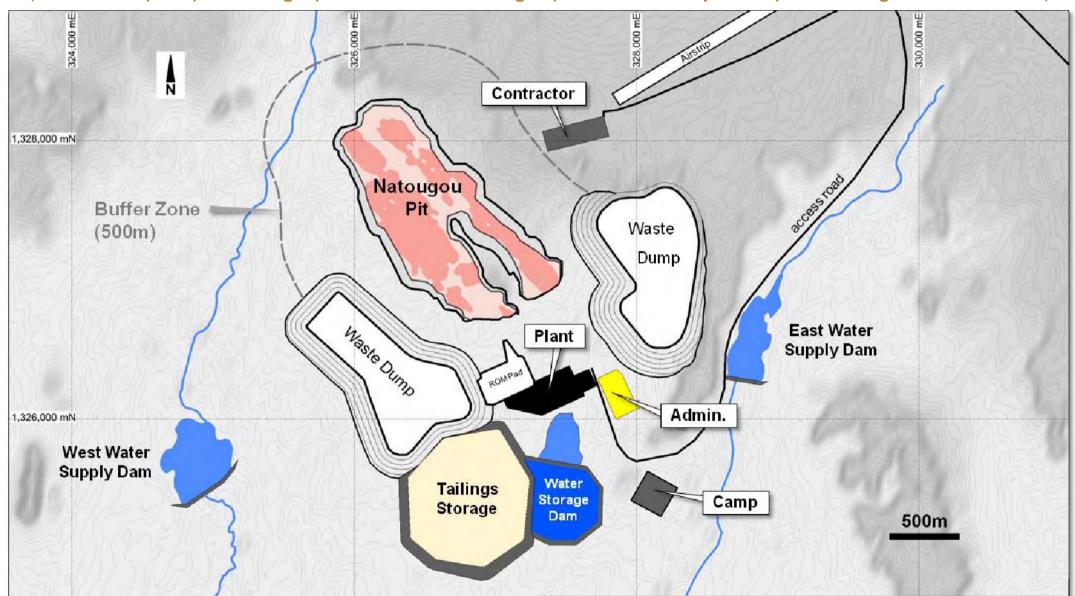
### Natougou - Camp / Landscape





### Natougou – Provisional Site Layout<sup>®</sup>

(Shallow open pit mining operation from a single pit site with adjacent processing infrastructure)





### Natougou – Strong Financial Returns<sup>®</sup>

(October 2103 Scoping Study indicates potential for strong positive financial outcomes)

Natougou Financial KPI's (2Mtpa case / US\$1,300/oz gold price)	
Capex (pre-production)	US\$233m
Cash Operating Cost	US\$538/oz
All-in Sustaining Cash Cost (2)	US\$634/oz
Payback	1.4 yrs
Total Free Cashflow (after tax / after capex)	US\$560m
NPV <sub>10</sub> (after tax)	US\$356m
IRR (after tax)	60%



<sup>(1)</sup> Financial results presented on a 100% project basis.

### Natougou – Robust Economics<sup>(1)</sup>

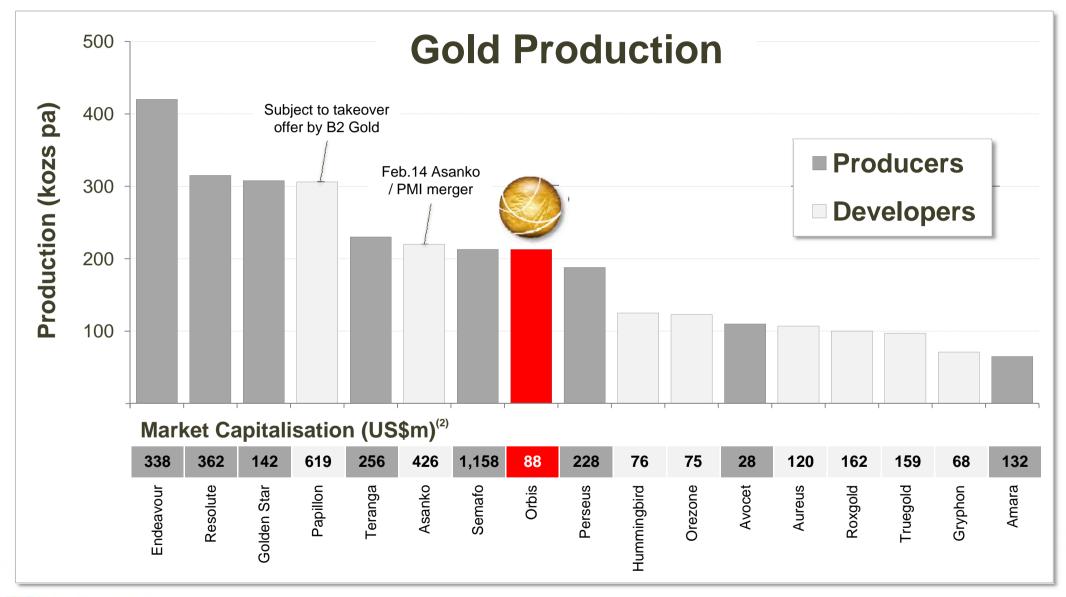
(Sensitivity analysis indicates strong positive economics across a range of gold price assumptions)

Sensitivity	Gold Price			
Analysis (2Mtpa Case)	US\$1,000/oz	US\$1,300/oz	US\$1,600/oz	
Cashflow (after tax)	US\$246m	US\$560m	US\$857m	
NPV <sub>10</sub> (after tax)	US\$125m	US\$356m	US\$574m	
IRR (after tax)	29%	60%	87%	

(Financial KPI's presented on an after tax after capex basis)



# West African Producer / Developer Peer Group<sup>(1)</sup>





<sup>(1)</sup> Gold production forecast for West African gold companies with output in range 50kozs to 500kozs pa. Source – company reports. (2) As at 15<sup>th</sup> July 2014.

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# Natougou – Definitive Feasibility Study Commenced January 2014



Andrew Skalski - Project Manager

(BSc Extractive Metallurgy)

Jennifer Gunter - Sustainability Manager

(BSc Geol. / M. Env. Eng. Management)

**Process / Infrastructure** 

**Resource Estimation** 

**Metallurgical Test Work** 

**Ancillary Infrastructure** 

Mine Design

Geotechnical / Hydrology

**Environment / Community** 











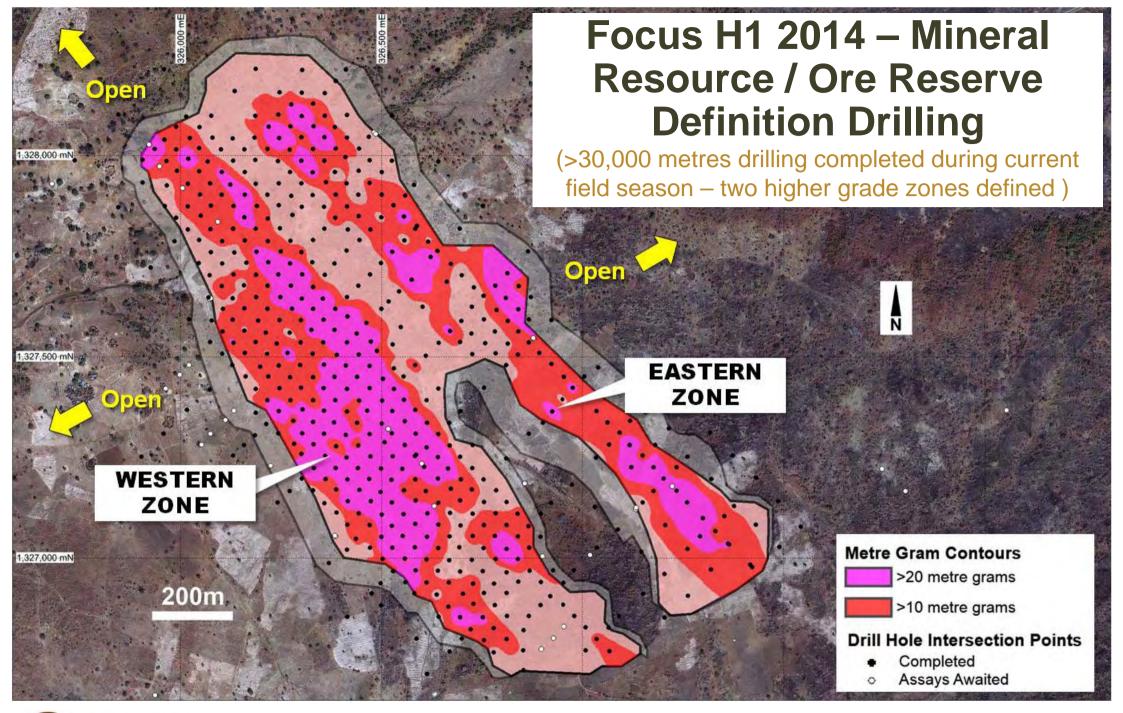














### DFS – Additional Study Activities

(Feasibility study activities are in progress across a wide range of disciplines)

#### Metallurgical Test Work

 Metallurgical testing progressing (incl. leach, gravity, flotation assessment, comminution)

#### Mine Design

- Geotechnical drilling completed

#### Environment

Initial baseline flora and fauna surveys completed

#### Community

Social baseline surveys progressing

#### Tailings Management

Dry stack option trade-off study completed

#### Hydrology

Groundwater exploration plan commenced

#### "Sterilisation" Drilling

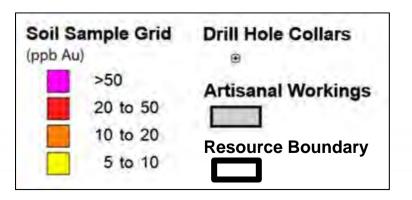
Phase 1 completed



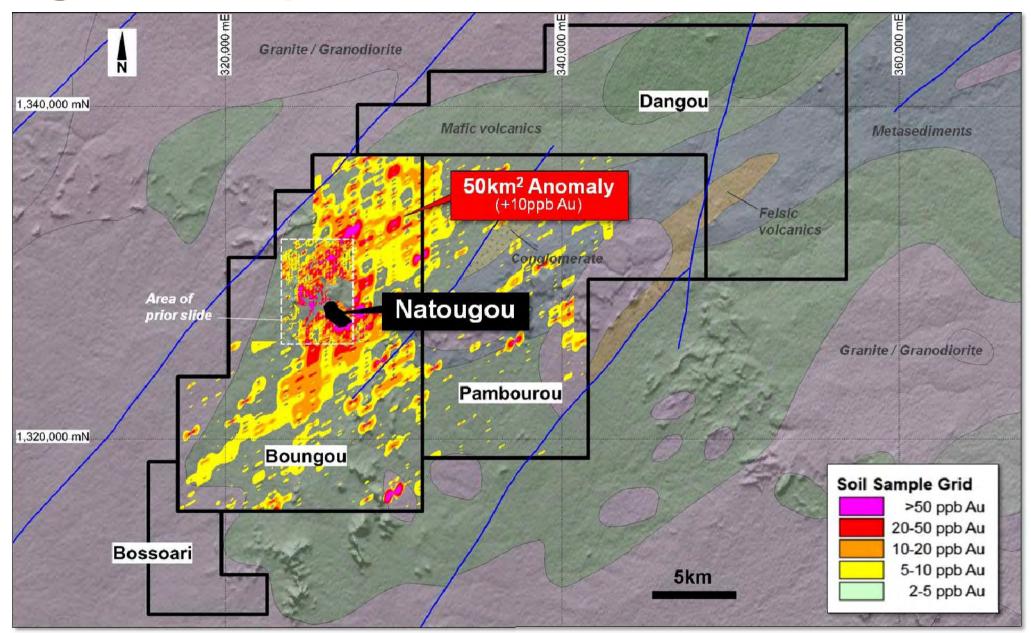
# No soil sampling 6m @ 3.76g/t NATOUGOU 32m @ 1.21g/t ZONE

# Step-out Exploration Targets

- Natougou deposit "open" at limit of current drilling
- F/wall and h/wall structures not yet included in resource estimate
- Extensive gold-in-soil anomalies
- 7km x up to 4km @ +20ppb Au
- Multiple gold "trends"
- Multiple step-out drill targets

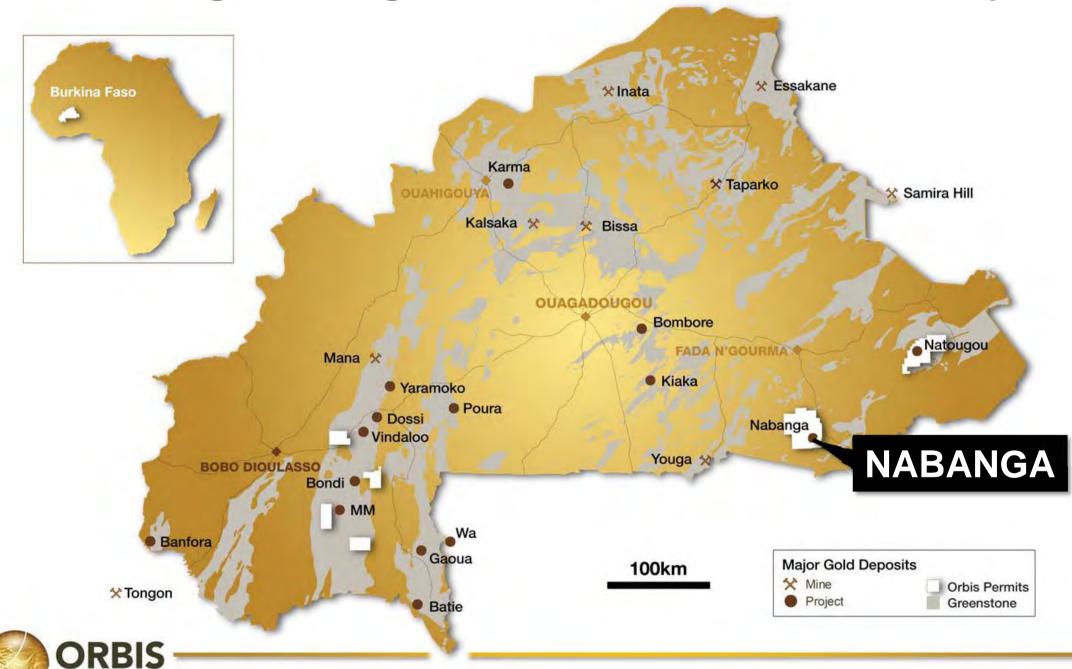


### Regional Exploration - 770km<sup>2</sup> Permit Area





### Nabanga – High Grade Gold Discovery



## Nabanga — A High Grade Gold System ("Intrusion-related" gold deposit – granodiorite host and Au-Ag-Te +/- Bi assemblage)





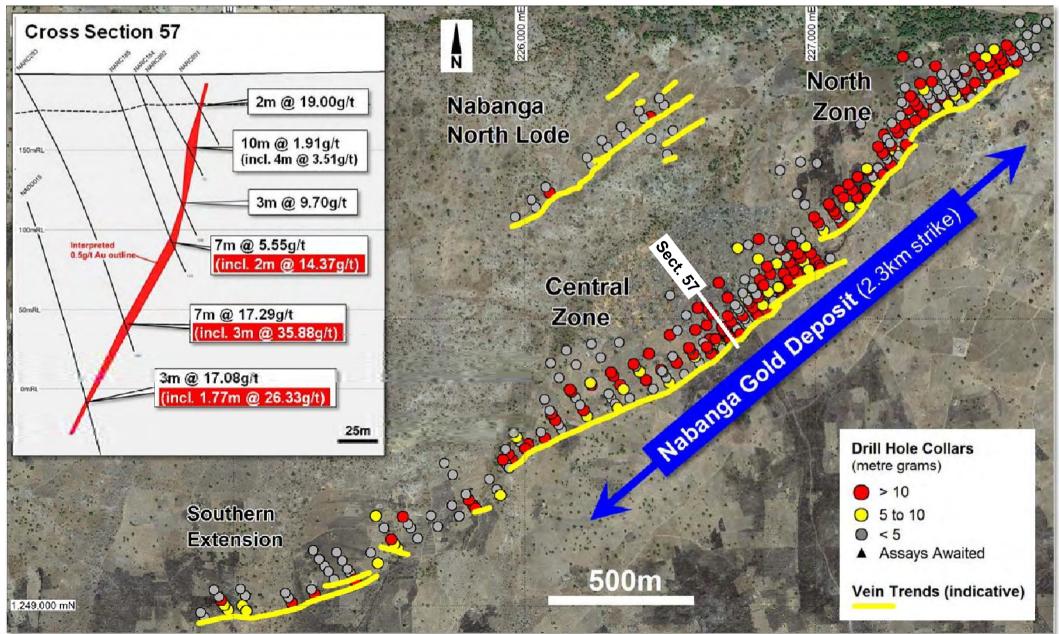


Hole ID	Intersections*	From (m)
NARC091	2m @ 19.00g/t	24
NARC100	3m @ 20.49g/t	72
NARC114	10m @ 17.70g/t	51
NARC135	5m @ 22.99g/t	74
NARC139	3m @ 20.77g/t	33
NARC151	3m @ 20.12g/t	110
NARC172	6m @ 14.44g/t	49
NARC173	6m @ 48.48g/t	74
NARC174	5m @ 26.34g/t	87
NARC190	3m @ 23.46g/t	105
NARC199	4m @ 17.25g/t	28
NARC216	8m @ 12.68g/t	148
NARC218	5m @ 15.62g/t	112
NARC254	6m @ 11.21g/t	145
NARC293	7m @ 17.29g/t	169
NARC300	11m @ 10.52g/t	114
NARC319	3m @ 22.65g/t	78
NARC323	8m @ 18.13g/t	116
NARC327	3m @ 34.75g/t	172
NARC330	10m @ 32.90g/t	167

<sup>\*</sup> Selection of high grade RC drill intersections reported above an 0.5g/t Au cut-off grade. Lengths are down hole lengths.



#### Nabanga Gold Deposit – Overview

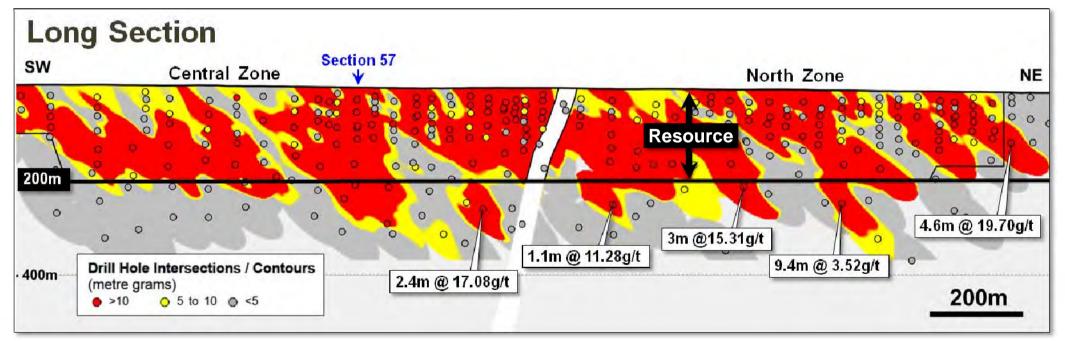




#### Nabanga - Maiden Resource Estimate

#### Nabanga – Inferred Mineral Resource<sup>(1)</sup>

Cut-off Grade	Tonnes	Grade	Ounces
0.5g/t Au	3.2Mt	6.5g/t Au	660,000ozs
5.0g/t Au	1.8Mt	10.0g/t Au	573,000ozs





### Nabanga – Forward Program

- Internal scoping study in progress assessing combined open pit and underground development
- Targeting:

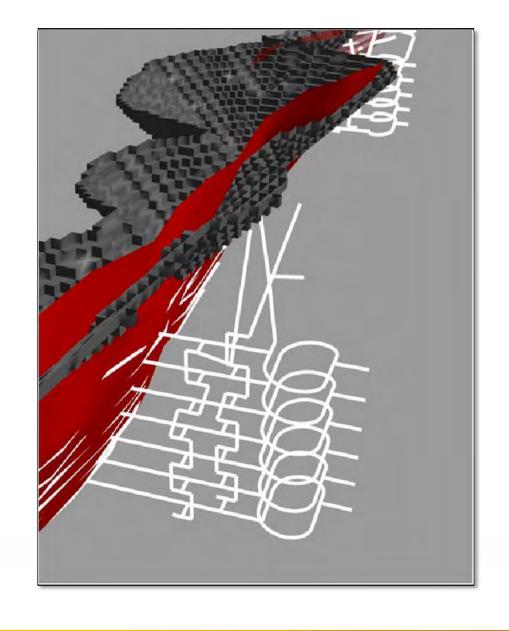
mill throughput0.2 - 0.3 Mtpa

– mine life >10 years

gold production 50 - 60 kozs pa

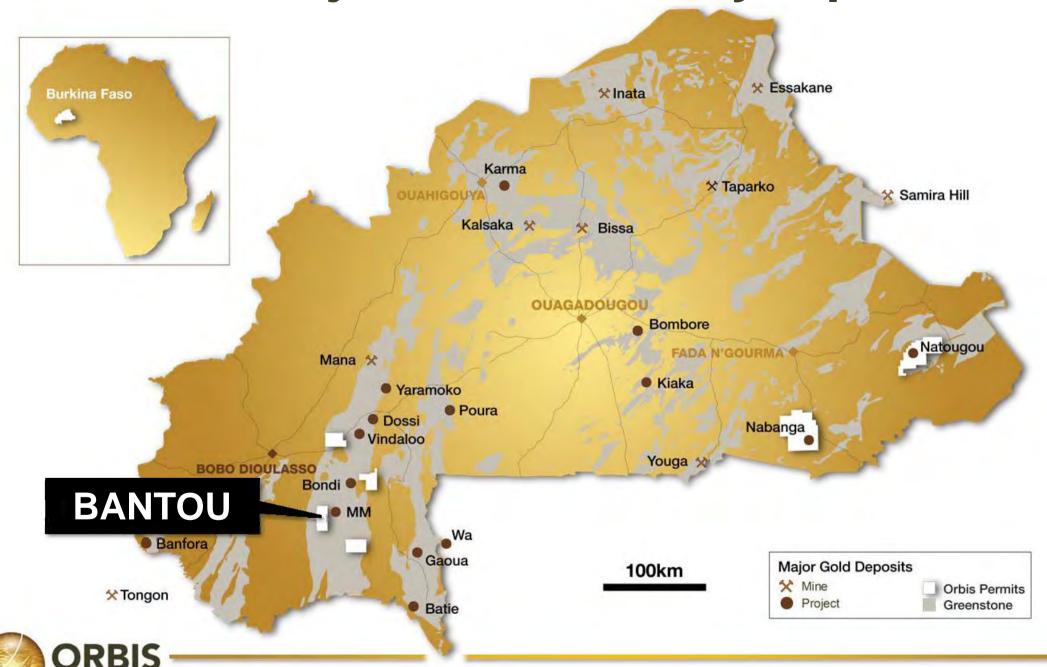
- cash costs <US\$600/oz</pre>

"One of the highest grade gold deposits discovered to date in West Africa"



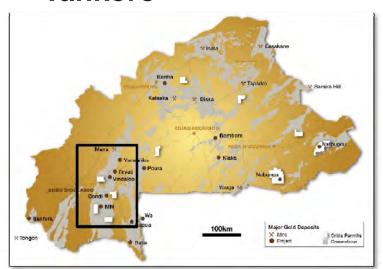


#### Bantou Project – "Discovery Pipeline"

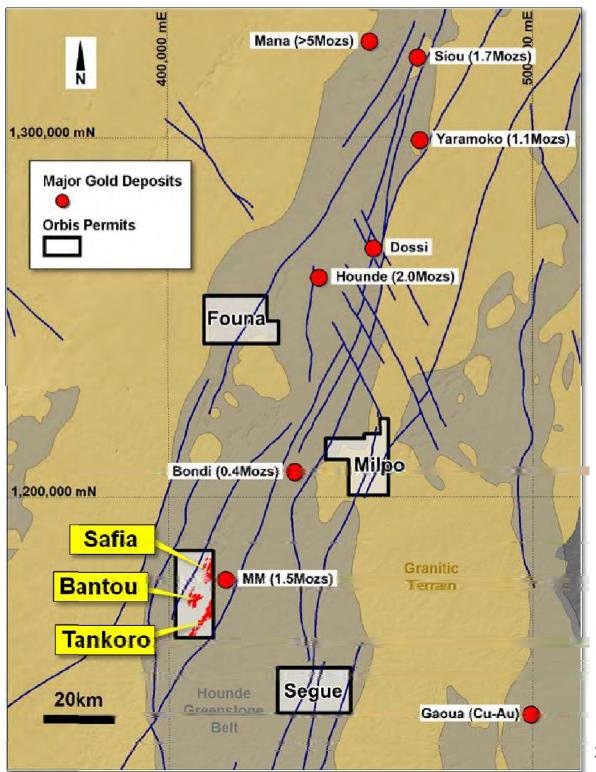


#### **Hounde Belt**

- World-class gold belt (+10Mozs Au)<sup>(1)</sup>
- ~1,000km² permit area
- Advanced-stage highly prospective gold targets:
  - Bantou
  - Safia
  - Tankoro



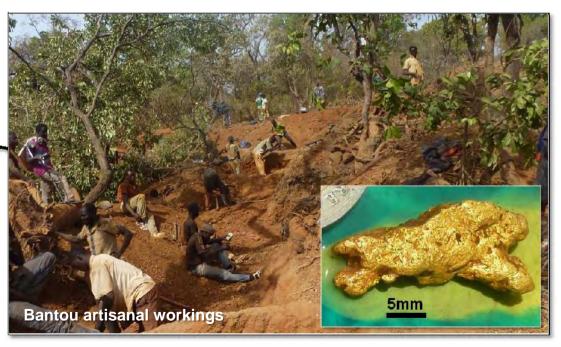




#### **Dynikongolo Permit** (soil geochemistry / DTM) Safia 1,180,000 mN "MM" Gold Discovery **Bantou** +11ppb Au (in soils) 1,170,000 mN **Tankoro** Soil Sample Grid (ppb Au) >50 20 to 50 2km

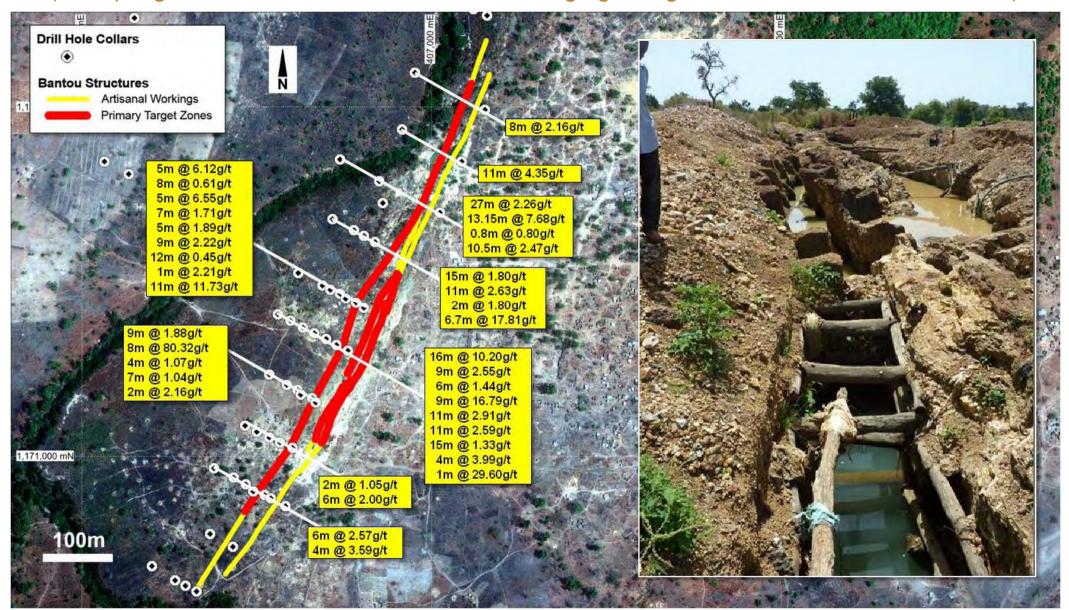
# **Bantou - Multiple Large Scale Gold Targets**





### Bantou – Multiple Structures / 1km Strike

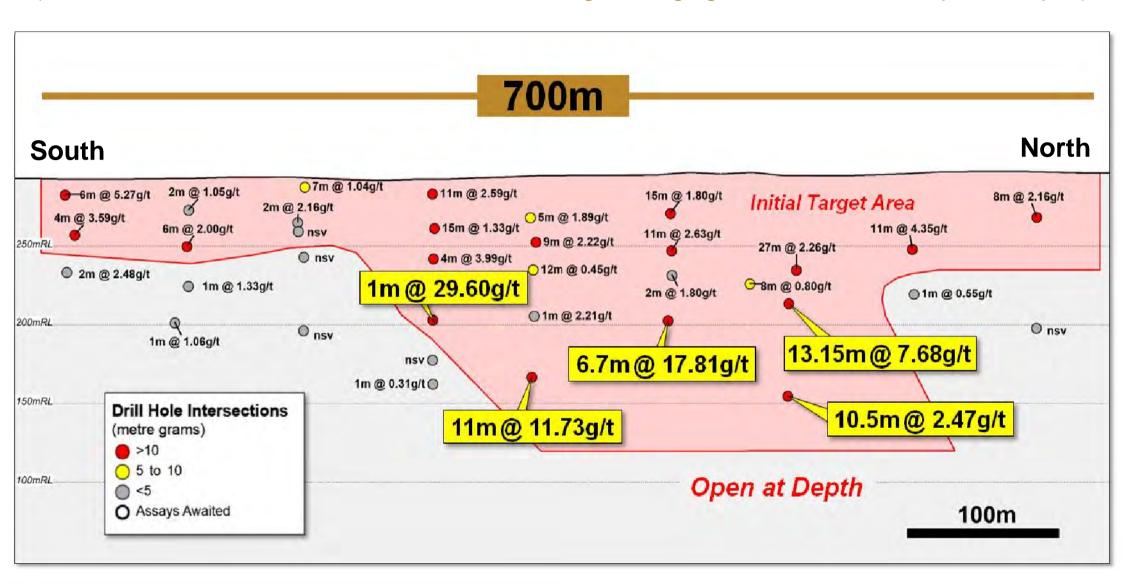
(Multiple gold mineralised structures defined / high grade gold mineralisation from surface)





### **Bantou Long Section (Hangingwall Lode)**

(Gold mineralisation defined over a 700m strike length – High grade mineralisation open at depth)

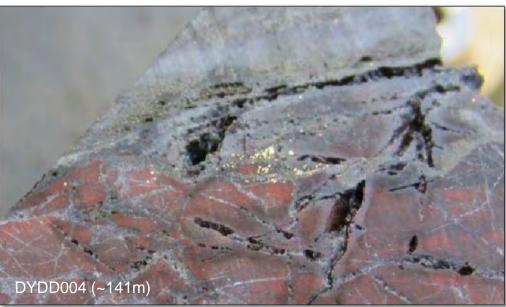




#### **Bantou – Visible Gold in Diamond Core**



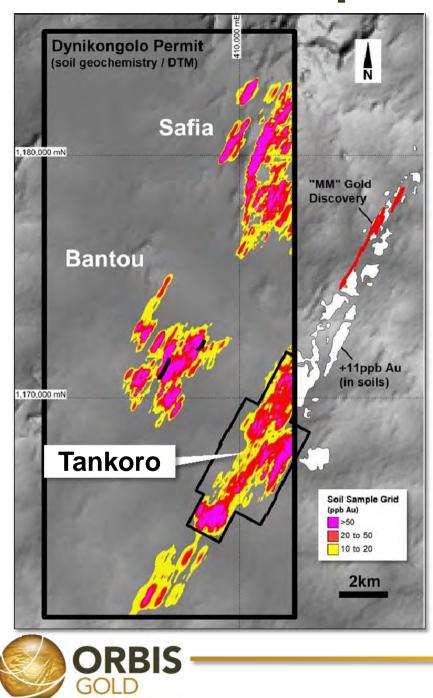


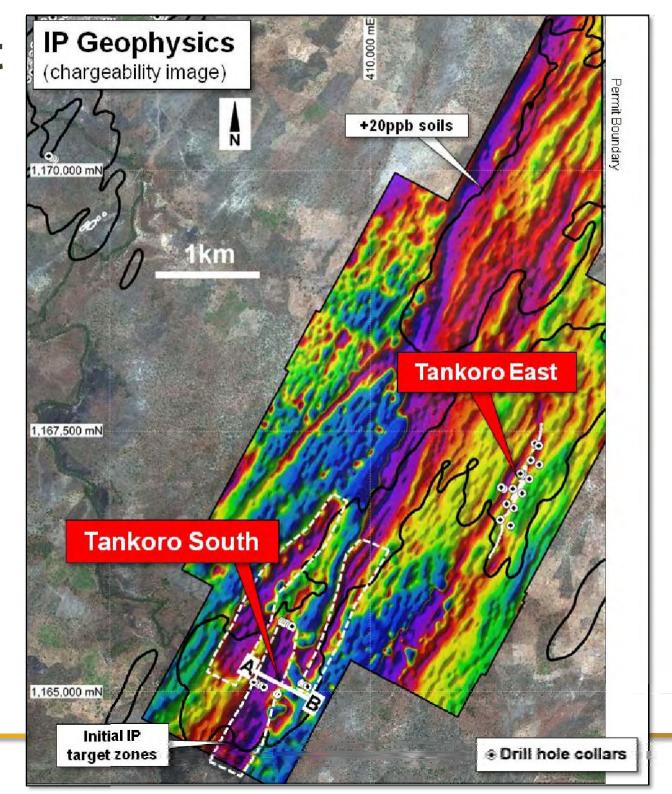






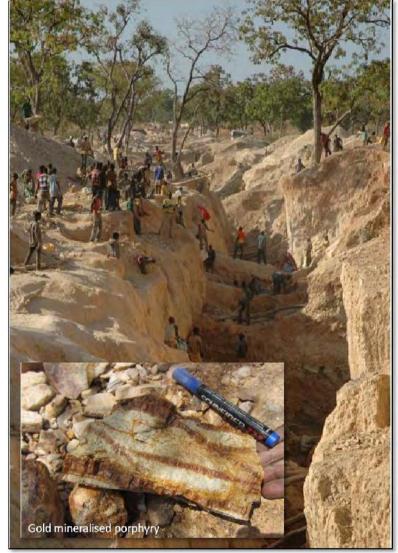
#### **Tankoro Prospect**



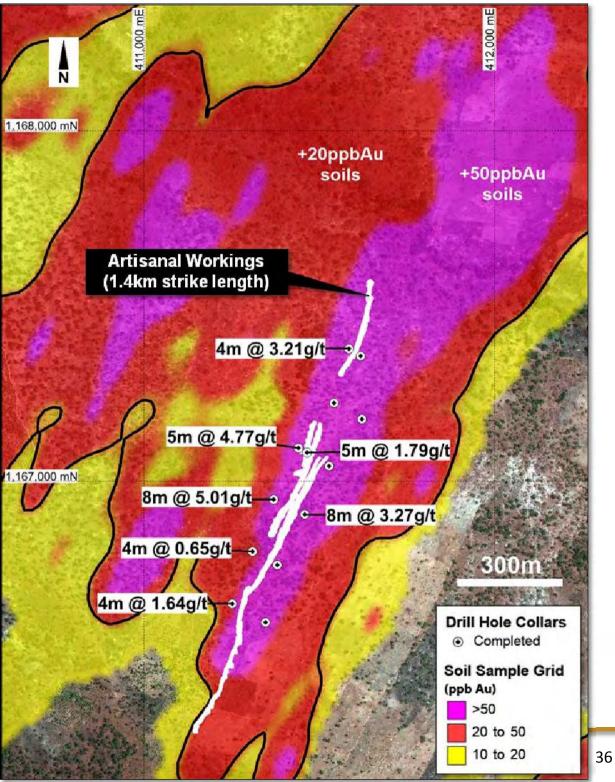


#### **Tankoro East**

( Open-ended gold mineralisation defined over a 1.4km strike length in both drilling and artisanal gold workings )

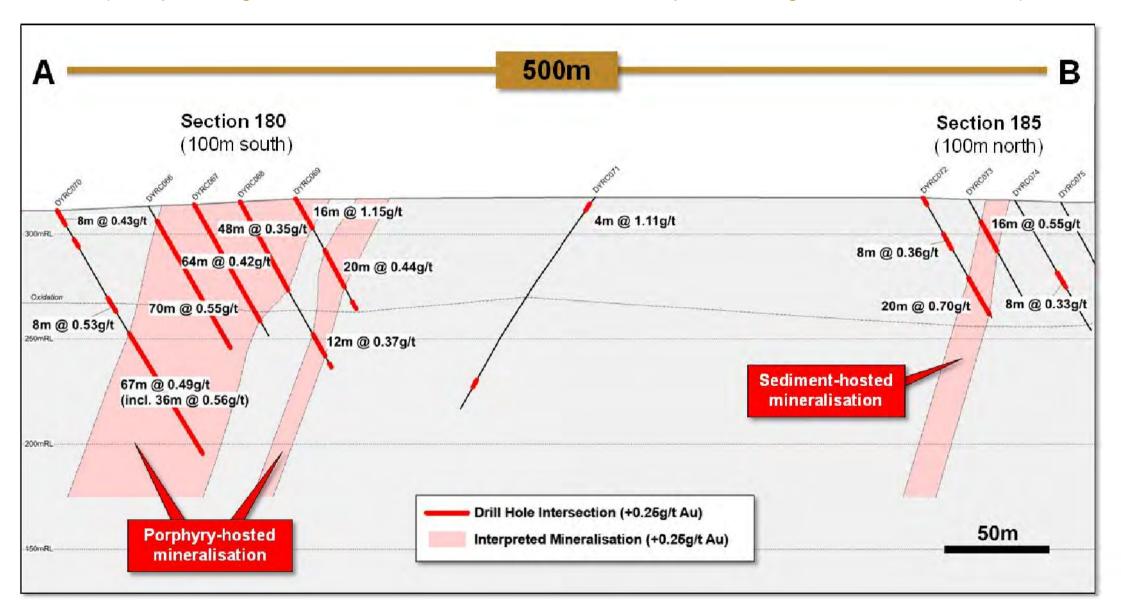






### Tankoro South - Multiple New Structures

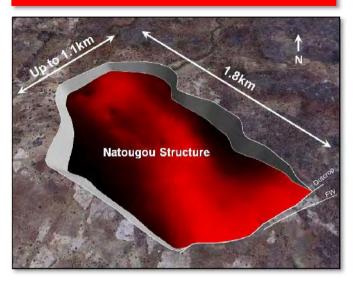
(Multiple new gold mineralised structures discovered in first phase drilling in Tankoro South area)



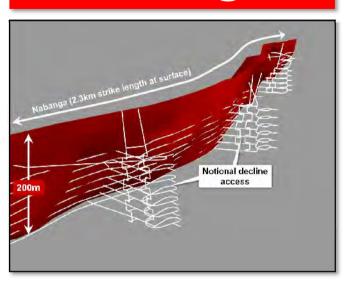


### **Investment Summary (ASX:OBS)**

#### Natougou



#### Nabanga



#### **Exploration**



- Highly prospective land holding in world-class gold province
- High grade Mineral Resource inventory 2.5Mozs @ 4.1g/t Au<sup>(1)</sup>
- Natougou +200kozs pa development project / DFS in progress
- Nabanga assessing potential as selective high grade mine
- Bantou multiple gold targets Bantou, Tankoro & Safia







#### **Orbis Gold Limited**

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ASX: OBS

#### **Peter Spiers**

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#### **Investor Relations**

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#### **Additional Information**

#### **Competent Persons Statement**

The information in this report that relates to Exploration Results and Mineral Resources for the Nabanga Gold Project is based on information compiled by Mr Peter Spiers, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Spiers is a full-time employee of the company. Mr Spiers 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 Spiers consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to Mineral Resources for the Natougou Gold Project has been compiled and prepared by Mr Phillip Micale, under the guidance of Mr Roderick Carlson, a Competent Person who is a Member of the Australian Institute of Geoscientists (AIG) and certified by that organisation as a Registered Professional Geologist (RPGeo). Mr Micale and Mr Carlson are employed by Snowden Mining Industry Consultants Pty Ltd. Mr Carlson 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 Carlson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information (in relation to the Natougou Gold Project Mineral Resources) is extracted from the report entitled 'Natougou Gold Deposit - Maiden Resource 1.8 Mozs @ 3.7gt Au' created on 05 August 2013 and is available to view on www.asx.com.au.

The information (in relation to the Nabanga Gold Project Mineral Resources) is extracted from the report entitled 'Nabanga Gold Project - Maiden Resource' created on 25 September 2012 and is available to view on www.asx.com.au.

Both Mineral Resources were reported under the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

#### **Drill Hole Intersections**

Drill hole intersections reported in this presentation represent down hole lengths and <u>do not</u> equate to true widths. The conversion from down hole lengths to true widths will be variable from hole to hole due to variability in the dip of the targeted structures and variability in the inclination (dip) of individual drill holes.



#### Orbis – Mineral Resource Summary

(reported above an 0.5g/t Au lower cut-off grade)

Project	Category	Tonnes	Grade	Ounces
Natougou <sup>(1)</sup>	Indicated	1.2 Mt	5.2g/t Au	0.20 Mozs
	Inferred	14 Mt	3.5g/t Au	1.6 Mozs
Sub-Total		15 Mt	3.7g/t Au	1.8 Mozs
Nabanga	Indicated	-	-	_
	Inferred	3.2 Mt	6.5g/t Au	0.66 Mozs
Sub-total		3.2 Mt	6.5g/t Au	0.66 Mozs
Orbis	Indicated	1.2 Mt	5.2g/t Au	0.20 Mozs
	Inferred	17 Mt	4.1g/t Au	2.3 Mozs
<b>Total Orbis G</b>	Gold <sup>(3)</sup>	19 Mt	4.1g/t Au	2.5 Mozs



<sup>1)</sup> Reported above an 0.5g/t Au lower cut-off grade.

Reported above an 0.5g/t Au lower cut-off grade and >1.5m minimum horizontal width.

<sup>(3)</sup> Note – totals may not add due to significant figure rounding.