PREDICTIVE DISCOVERY LIMITED

Corporate Presentation - March 2012

Disclaimer/Competent Person Statement

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This presentation contains only a brief overview of Predictive Discovery Ltd and its associated entities ("PD or Predictive") and their respective activities. The contents of this presentation, including matters relating to the geology of the projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

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Competent Person Statement

The information in this presentation that relates to Exploration Results is based on information compiled by Mr P. A. Roberts, who is a Fellow of the Australian Institute of Geoscientists, and has had sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Roberts is an employee of Predictive and consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

Investment Highlights

- Gold focussed with strategic tenement holding of 1550 km^2 in Burkina Faso
- Strong Board and Management team with corporate and in-country expertise
- Institutional investor support – Acorn Capital and African Lion 3
- Past and recent drilling has revealed
  - ✓ Broad, shallow oxide gold intersections at Bonsiega Project
  - ✓ Bedrock gold anomalies at Bonsiega now extend over 18km
  - ✓ High grade intercepts at Bangaba Project – mineralisation confirmed at depth
  - ✓ Mineralisation continuity established on three prospects
- In first field season, intense activity completed including over 40,000m of RC and power auger and extensive aeromagnetic and geological surveys
- Substantial current drilling program planned with over 80,000m RC, diamond, air core, power auger.
- On track to define maiden resource in 2012
- Predictore™ Technology separates PDI from its peers

Corporate Structure

Board of Directors	
Phil Harman	Non-Executive Chairman
Paul Roberts	Managing Director
Tom Whiting	Non-Executive Director
Bobby Danchin	Non-Executive Director
Phil Henty	Non-Executive Director

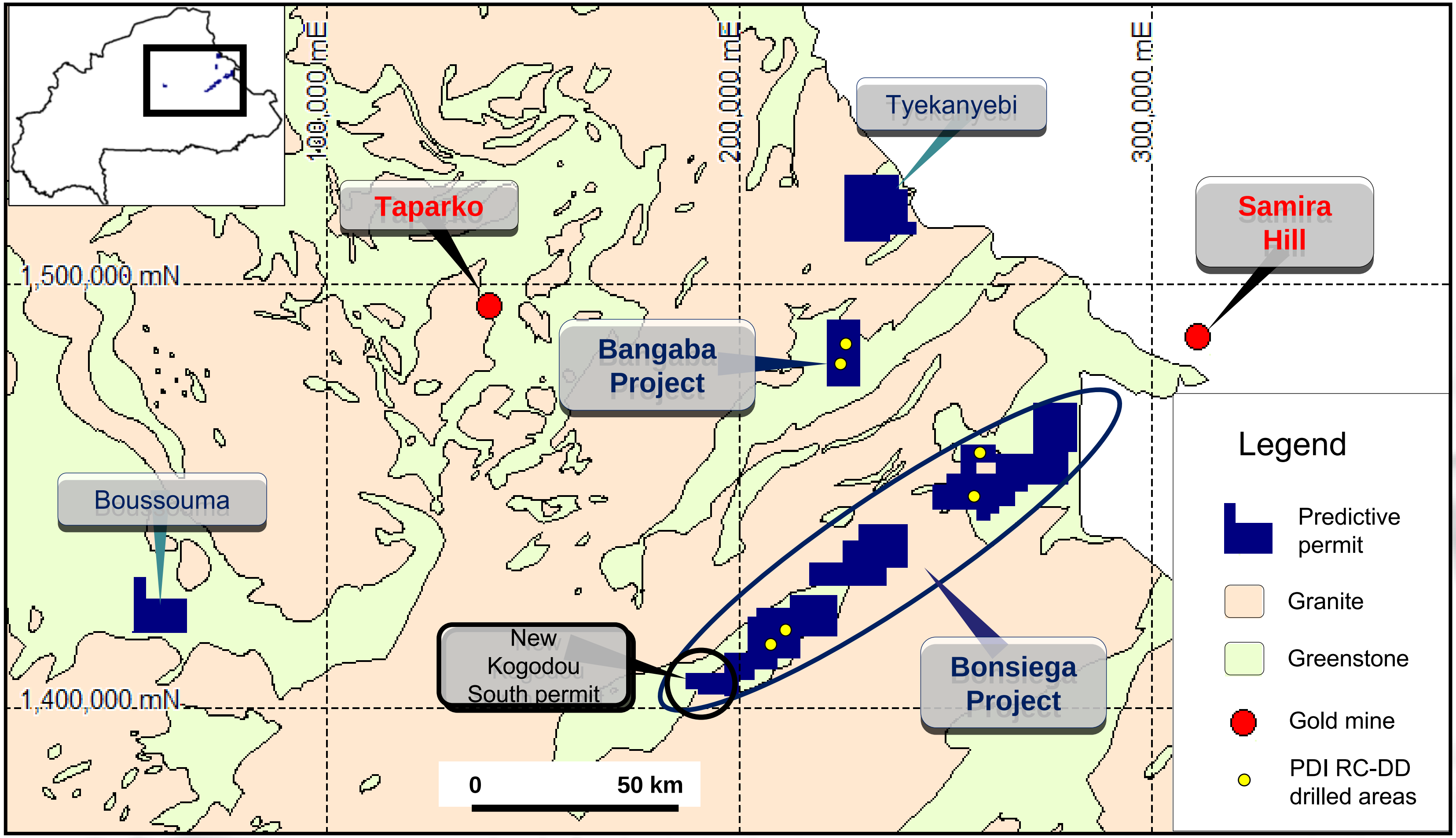
Capital Structure	
Shares on Issue (ASX:PDI)	125 million
Share Price (52 week range)	0.15-0.38
Market Capitalisation	$22 million
Cash (end Feb)	$3.9M
Enterprise Value	$18M
Debt	Nil

Major Shareholders	
Acorn Capital	12.7%
Lowell Resources Fund	6.0%
Black Fire Minerals	3.5%
Paul Roberts	2.7%
African Lion 3	4.5%
Top 20	46%

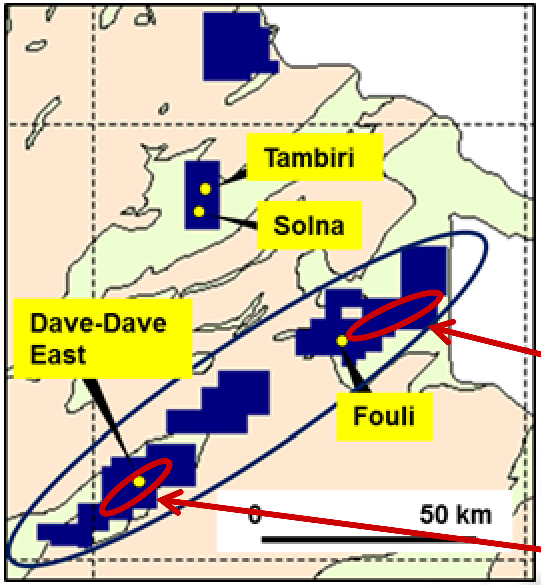
- Highly experienced Board & Management
- $16M raised since inception
- Institutional representation on register

Project Locations

Project Locations - Burkina

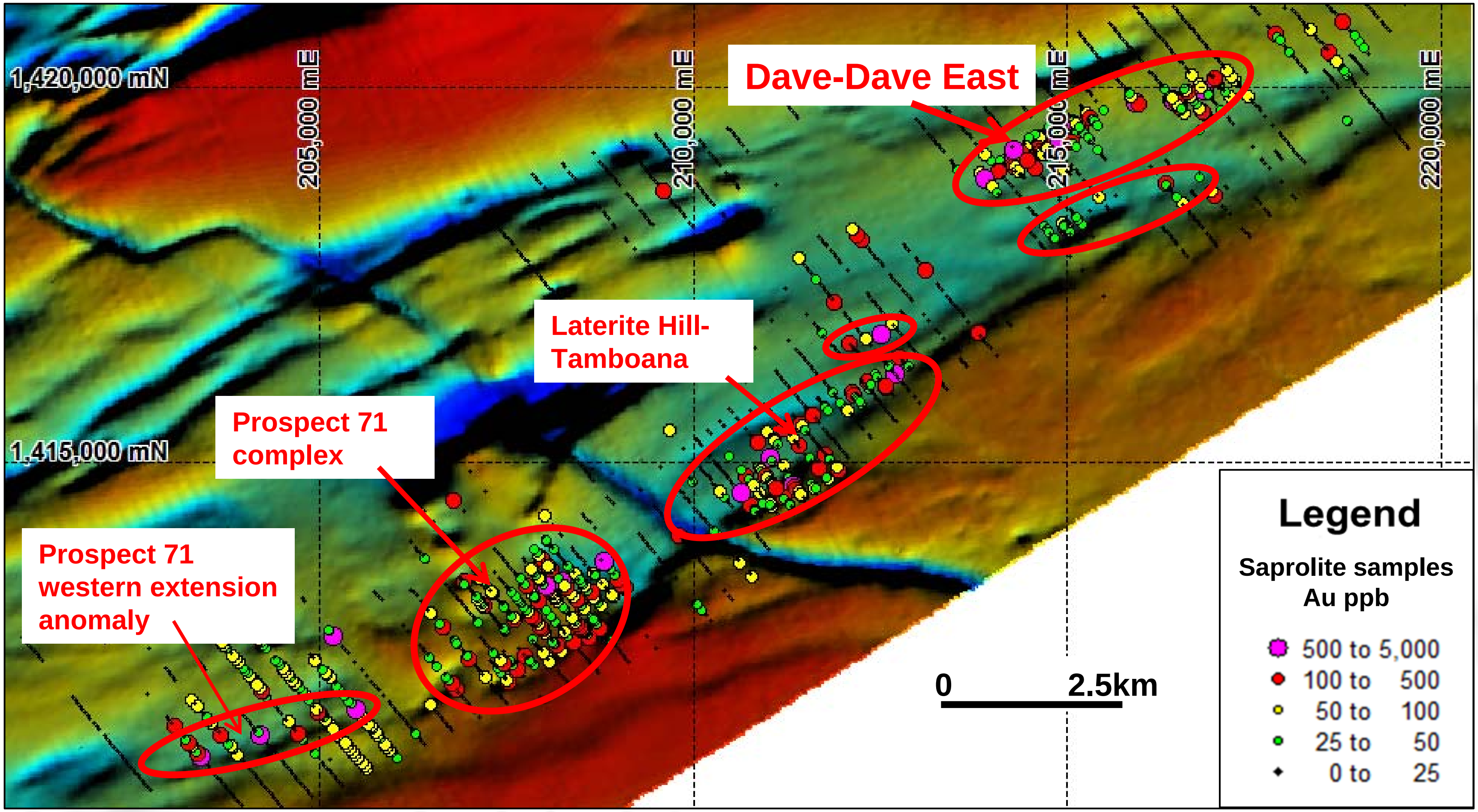


Eastern Burkina Faso – large ground holding, very good drill results, great potential

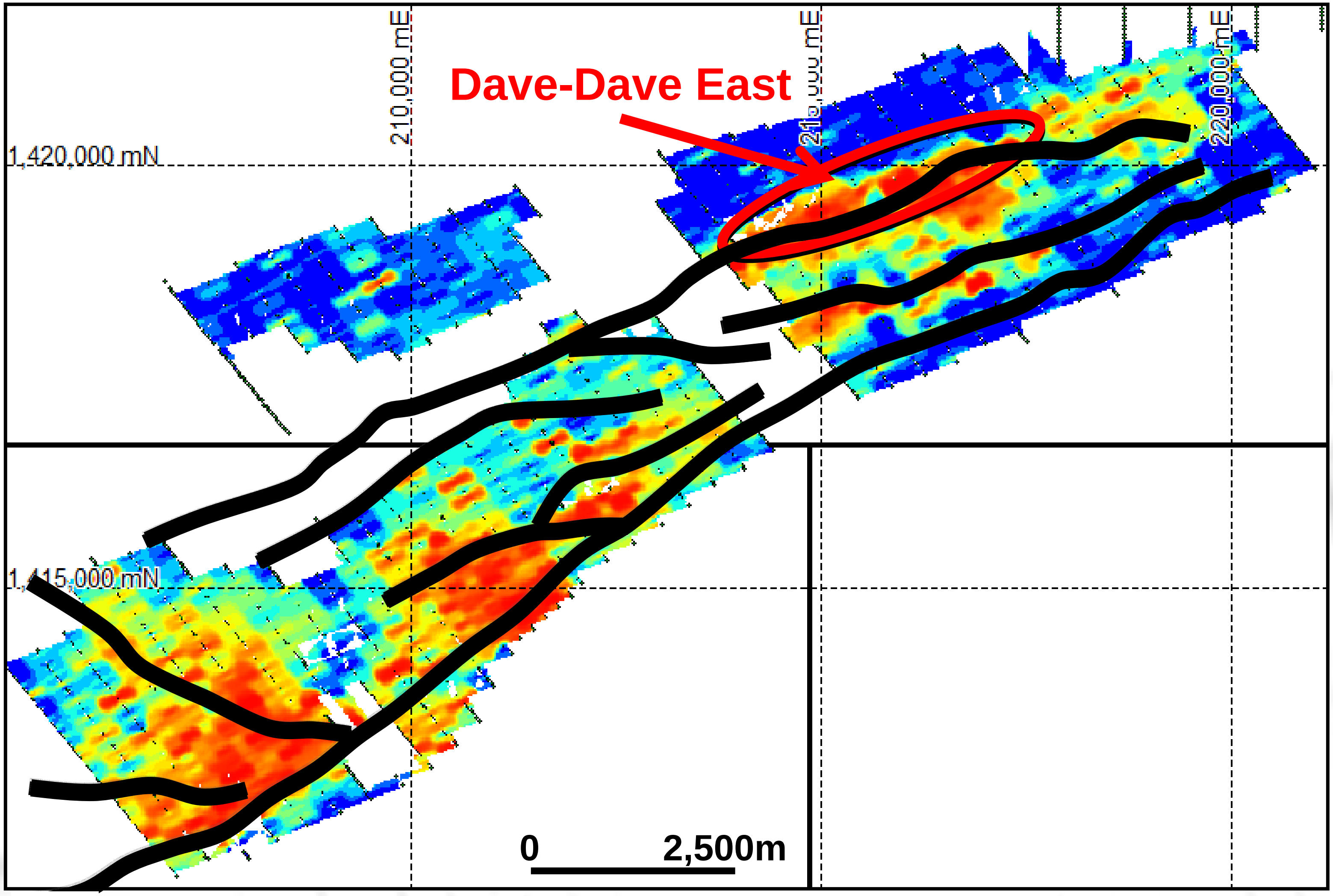


- **Tambiri:**
  - ✓ 5m @ 17g/t Au (RC)
  - ✓ 3m @ 18g/t Au (DD)
  - ✓ Historic DD: 16m @ 11g/t Au, 2m @ 56 g/t Au
- **Solna**
  - ✓ 2m @ 56g/t Au (RC)
  - ✓ 7m @ 13g/t Au (RC)
  - ✓ 5m@ 16g/t Au (DD)
  - ✓ 5km of strike of bedrock gold anomalies to SW and NE; strong potential for new zones.
- **Fouli-Tangagari-Aoura:**
  - ✓ 10m @ 4.6 g/t Au (RC)
  - ✓ 20km of strike length tested (results pending)
  - ✓ New artisanal mine sites
- **Laterite Hill Grid**
  - ✓ 18 km of anomalies, 15 km of strike untested
  - ✓ RC drilling on four prospects (results pending)
- **Dave-Dave East**
  - ✓ 26m @ 2.7g/t Au (RC)
  - ✓ 14m @ 3.7 g/t Au (RC)
  - ✓ Results on 2km, tested over 6km (results pending)

Bonsiega Project
>18km of bedrock gold anomalies – open to the W



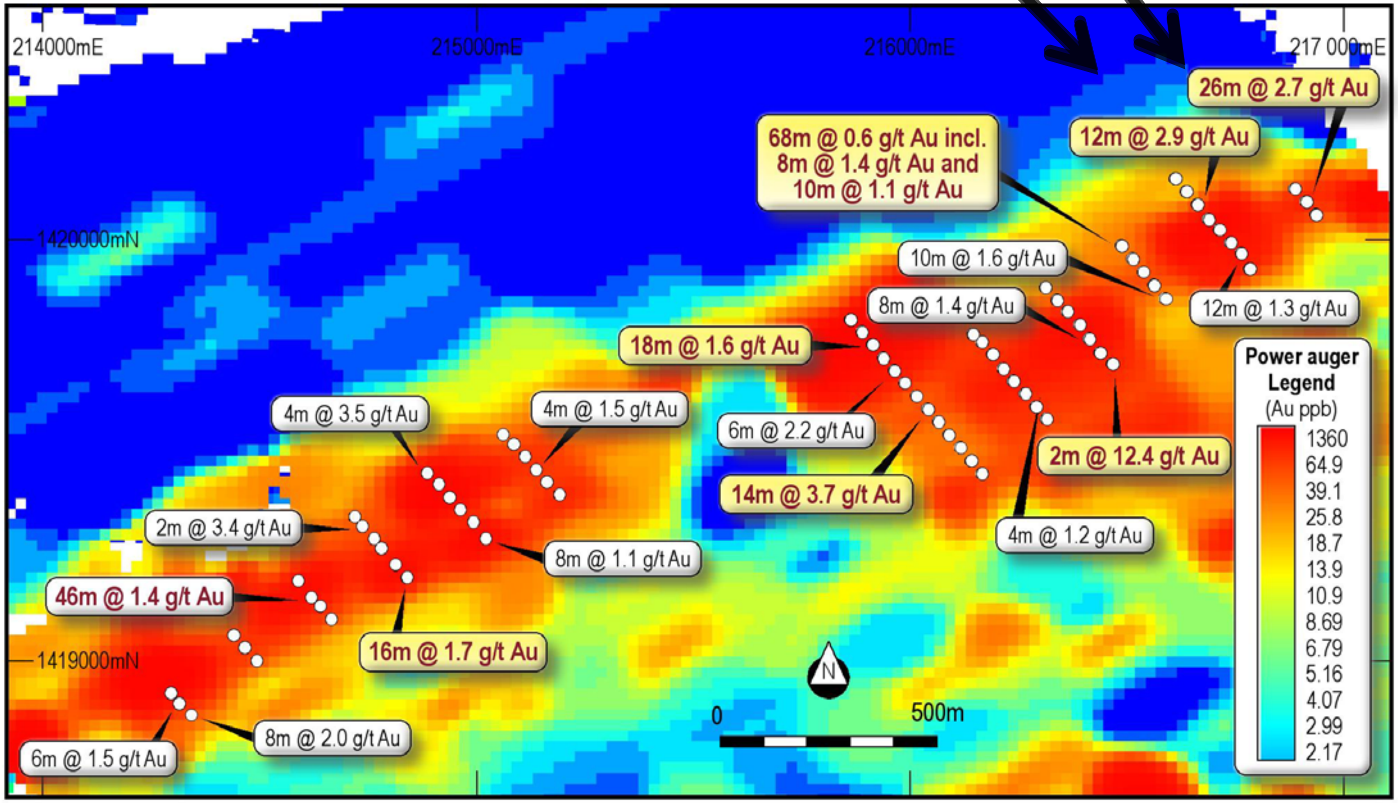
Bonsiega Project
Large power auger gold anomalies on structures



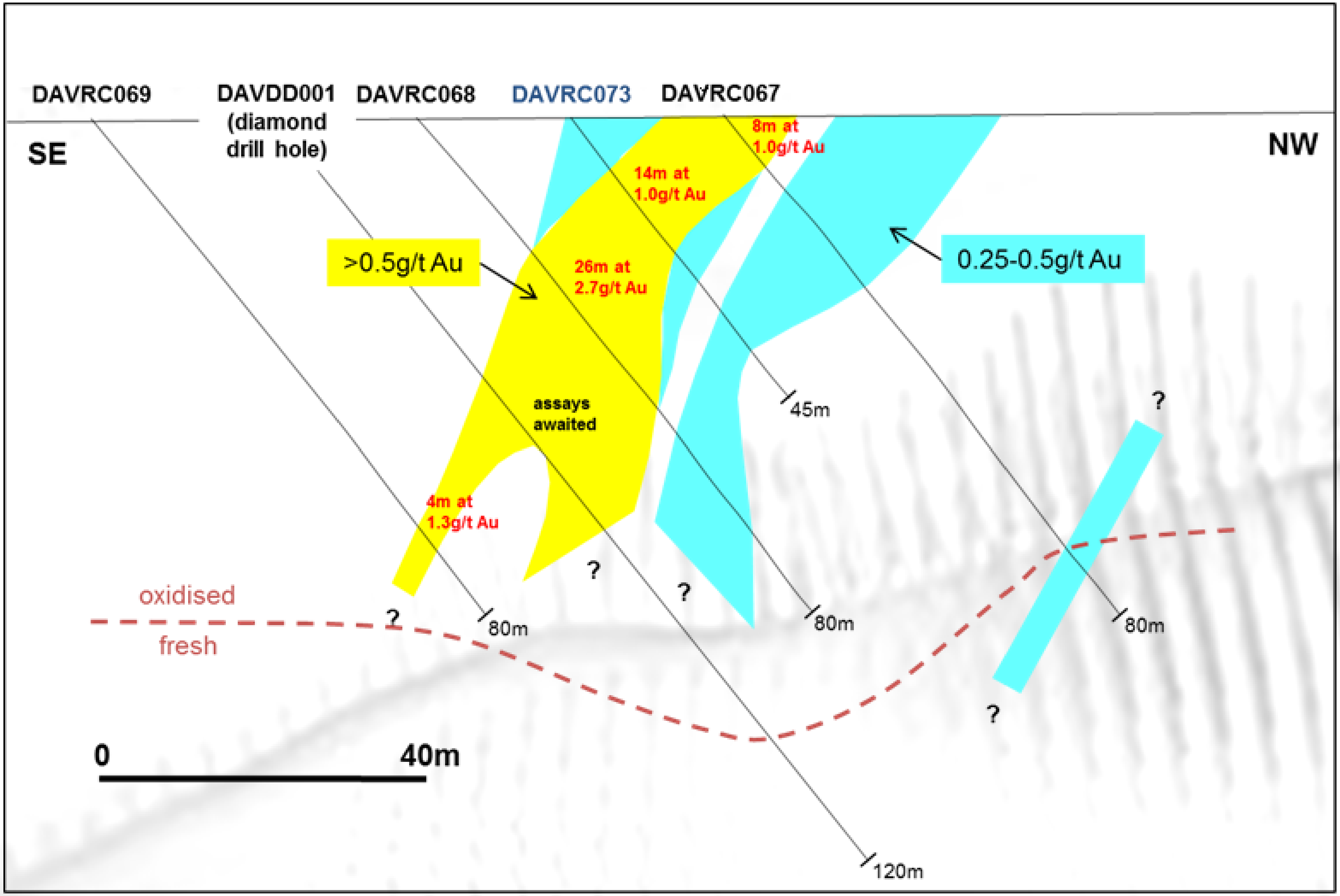
Bonsiega Project
Dave & Dave East Prospects – RC Drill Results

- Open in all directions
- Oxide to approx. 50m depth
- Mineralisation on all lines
- 2km strike length tested (12 lines):

Cross-sections



Dave East Prospect, Bonsiega Project
Picture developing of ore continuity



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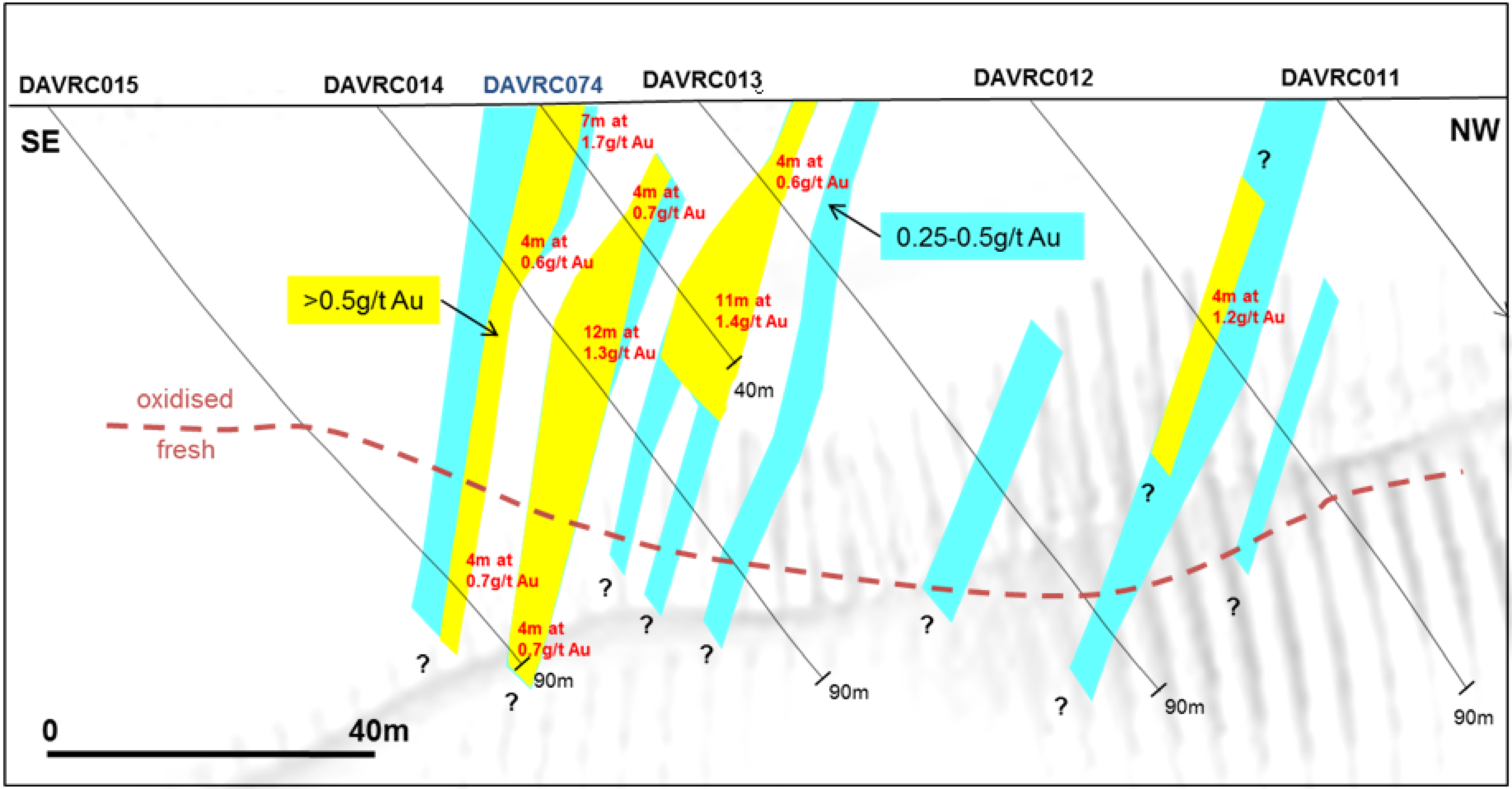
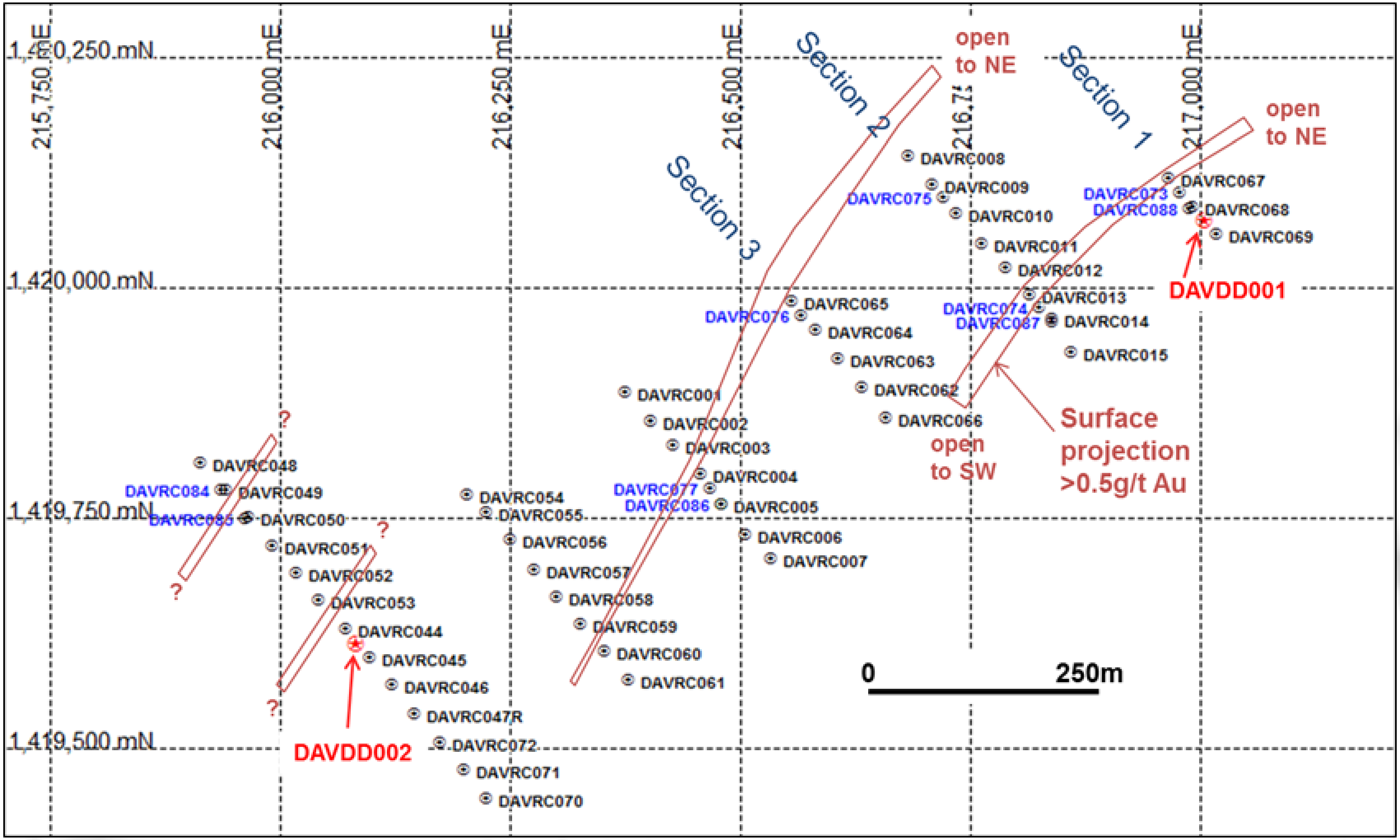
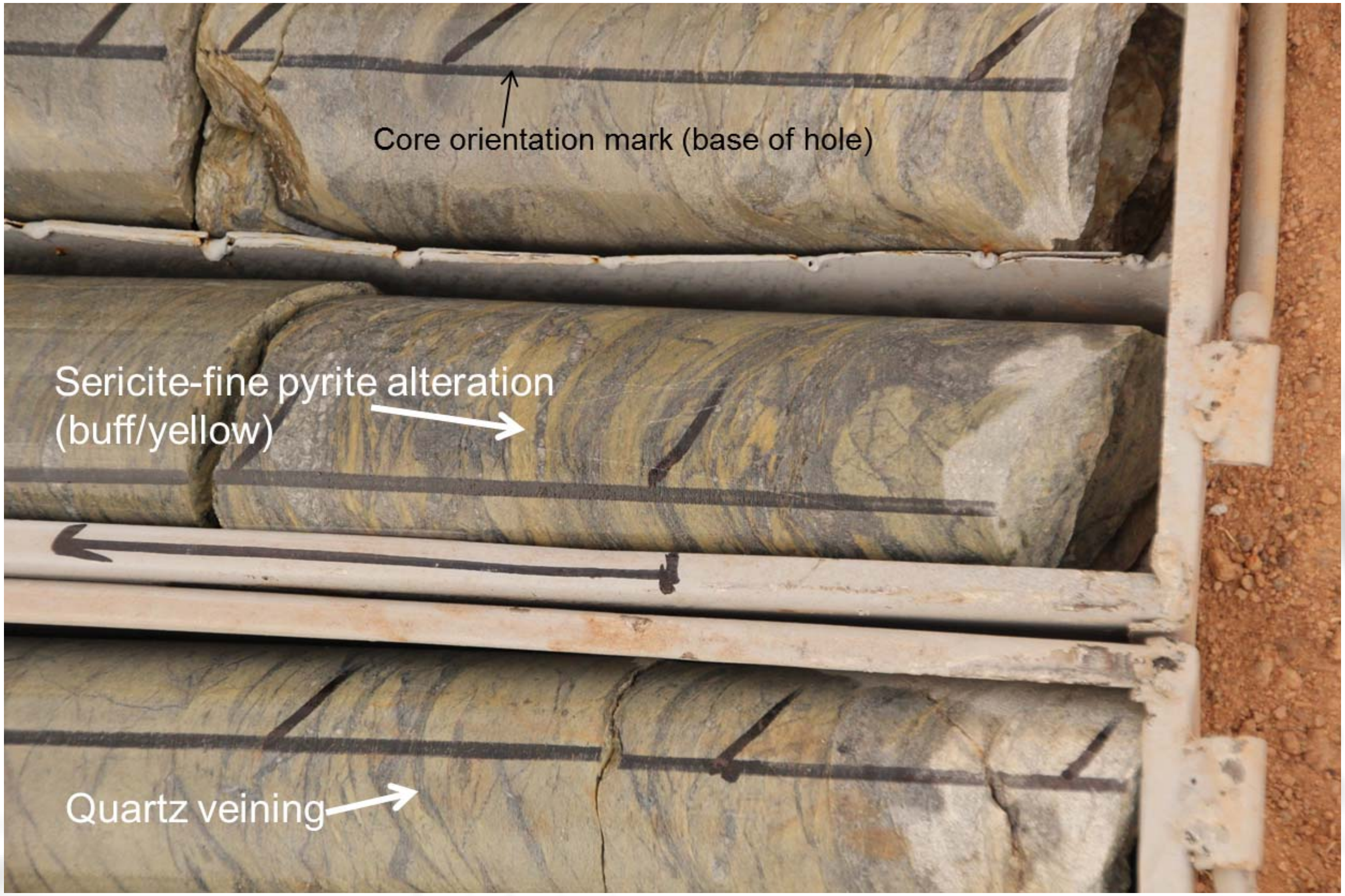


Dave East Prospect, Bonsiega Project
Multiple lodes



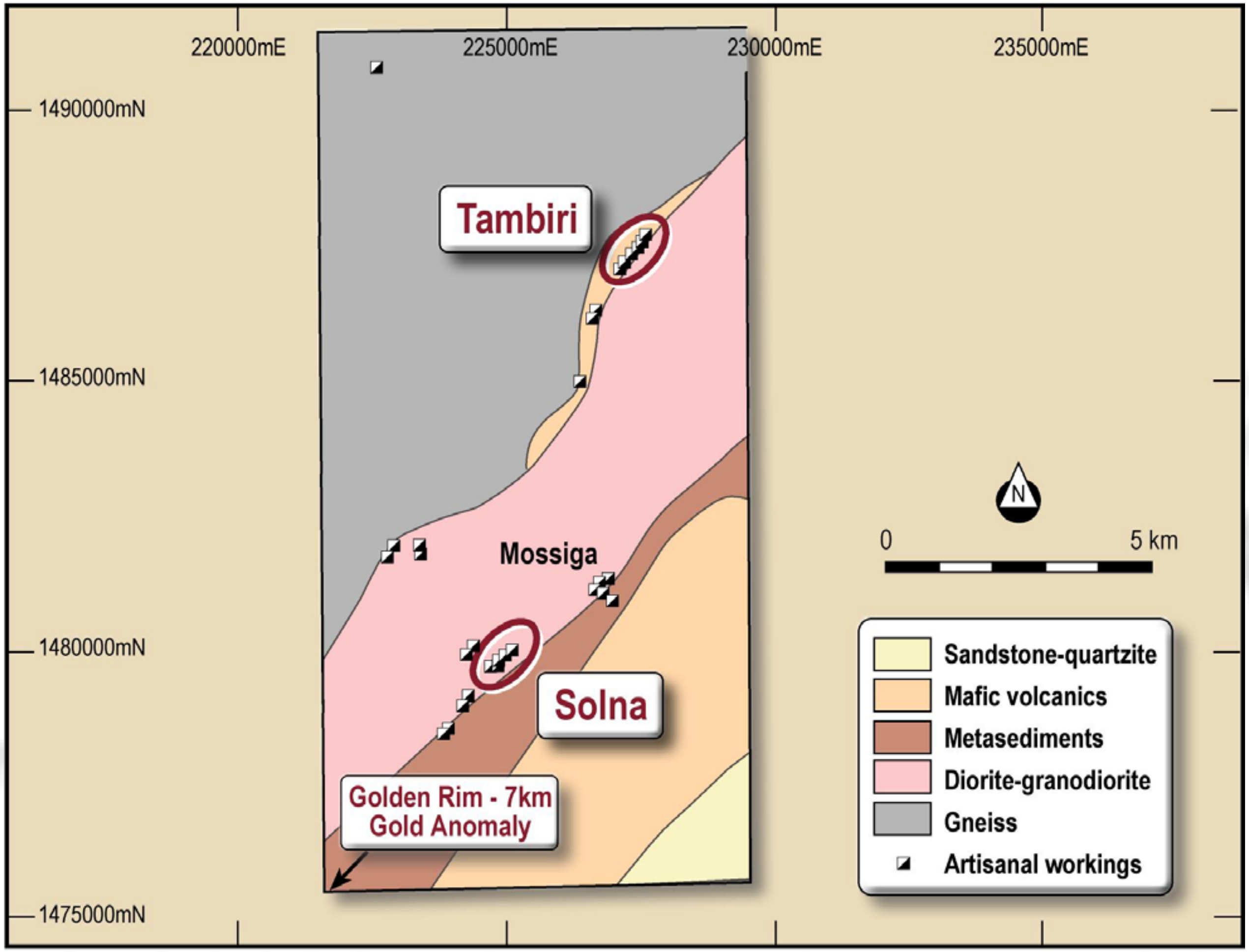
Dave East Prospect, Bonsiega Project
Strong alteration and veining

Drill core



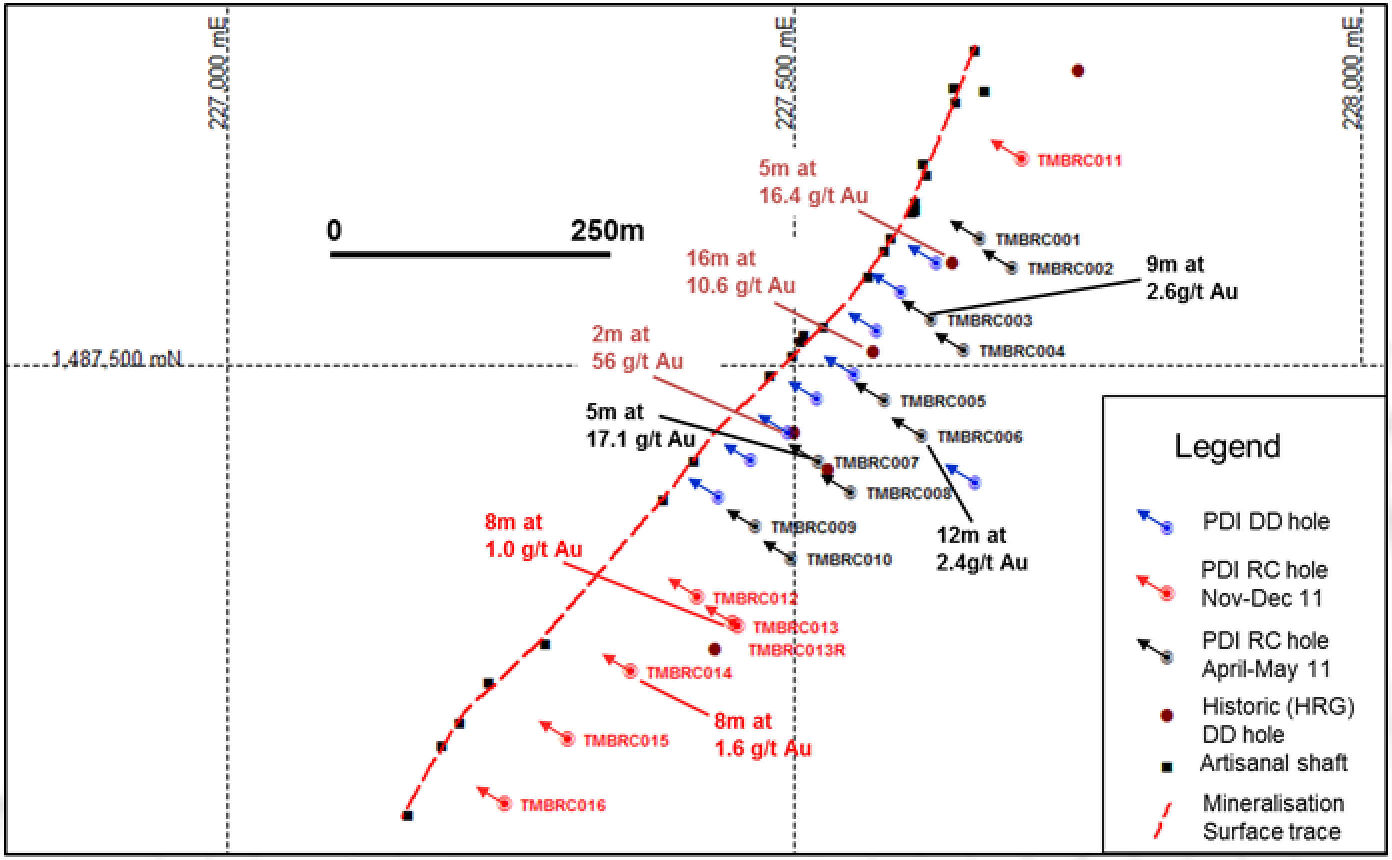
Bangaba Project
(PDI at 51% earning 95%)

- 27 years of artisanal mining
- 4,000 people at Solna artisanal site
- 10-15kg gold per month being produced
- >20km of shear zone
- Past exploration focused on Solna and Tambiri

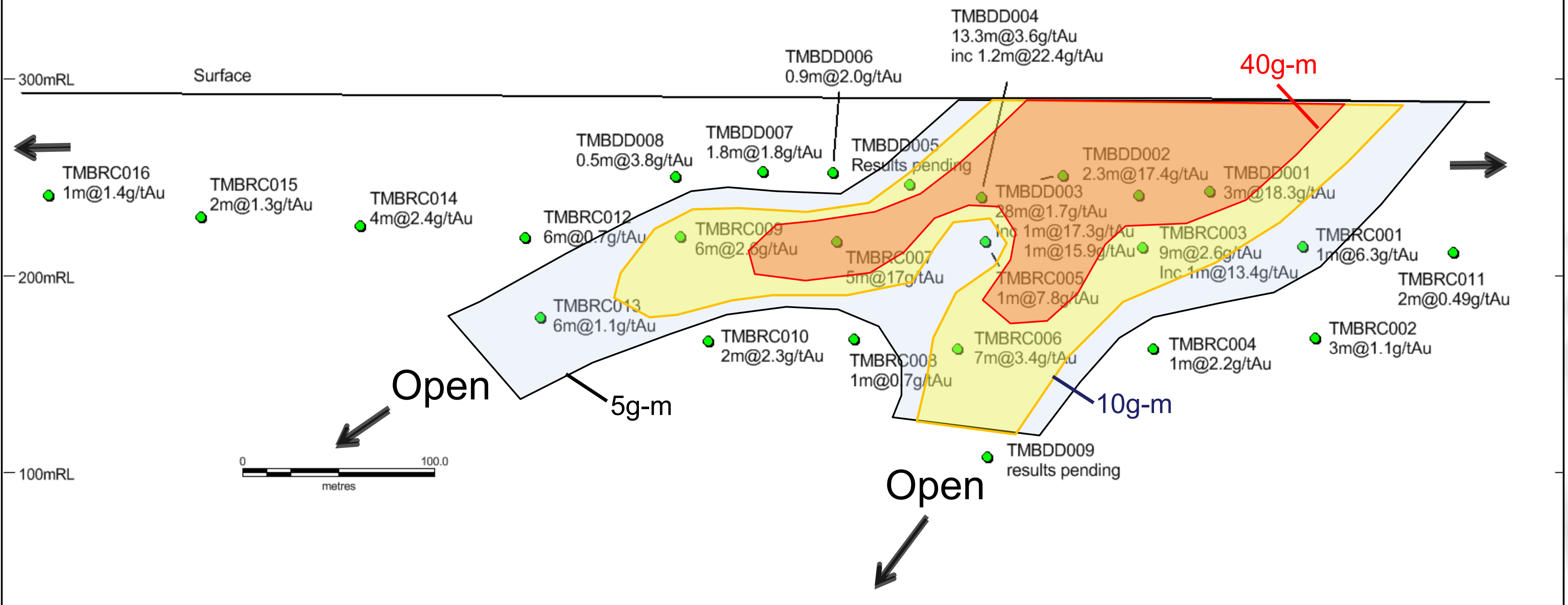


Bangaba Project
Tambiri Prospect

- Historic Tambiri drilling intersected high grade gold:
  - **SEBT96-01: 5m @ 16.4g/t Au**
  - **SEBT96-17: 16m @ 10.6g/t Au**
  - **SEBT96-02: 2m @ 56.1g/t Au**
  - **SEBT96-11: 2m @9.9g/t Au**
- PDI drilling tested 640m of strike



Bangaba Project
Tambiri Drilling – at depth potential



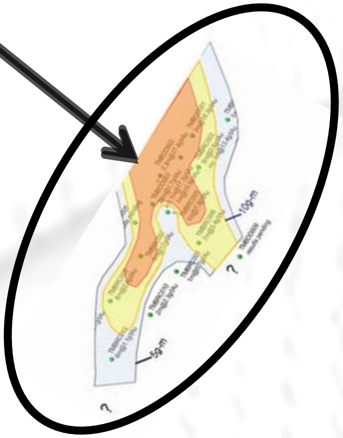
Note: TMDD005 was the only hole where part of the lode (1.5m) was missing, implying that high grade gold mineralisation was present there prior to artisanal mining

Bangaba Project

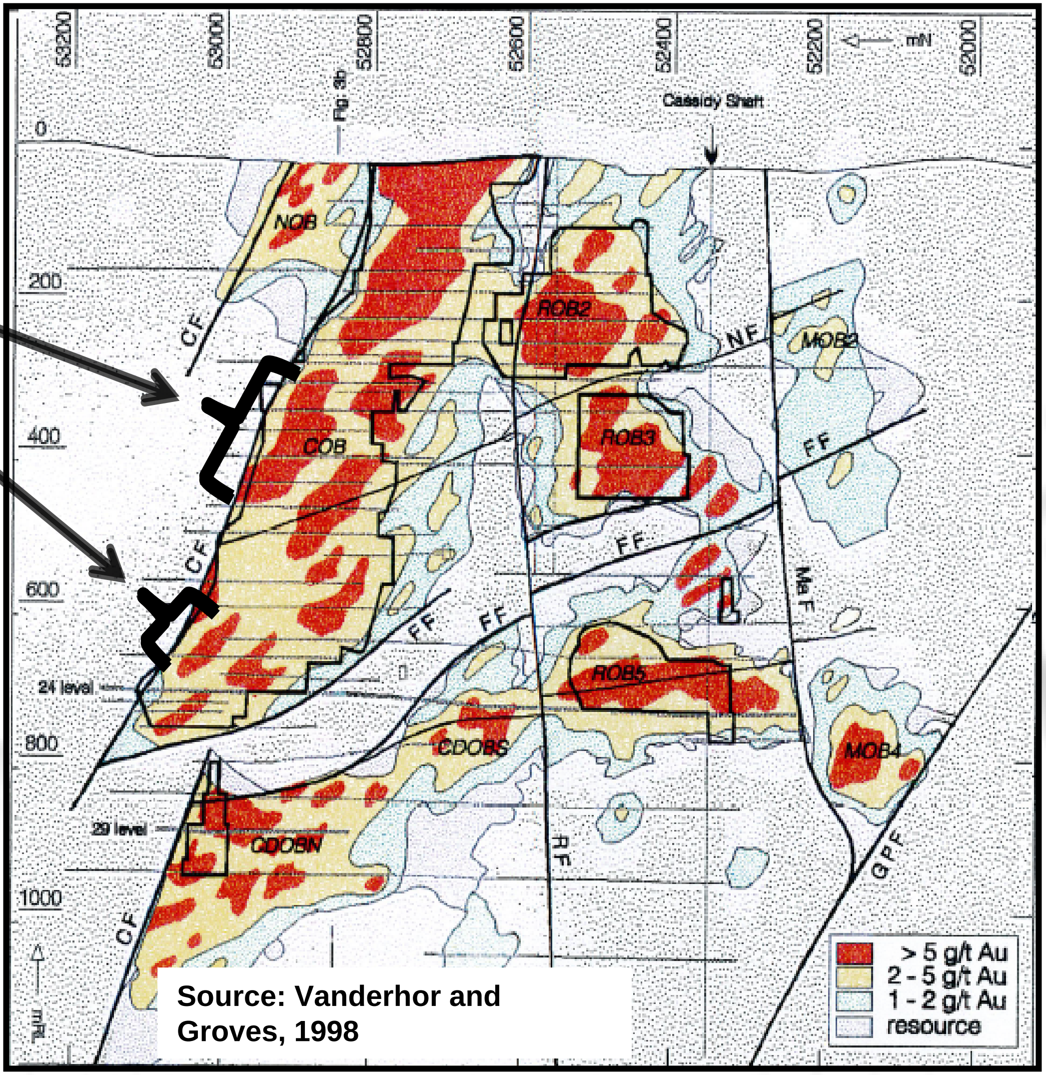
Orogenic gold distribution example – Mt Charlotte, WA

Typical higher grade zone at Mt Charlotte in Kalgoorlie, Western Australia is 50-200m long

Tambiri longitudinal projection rotated to similar orientation at same scale



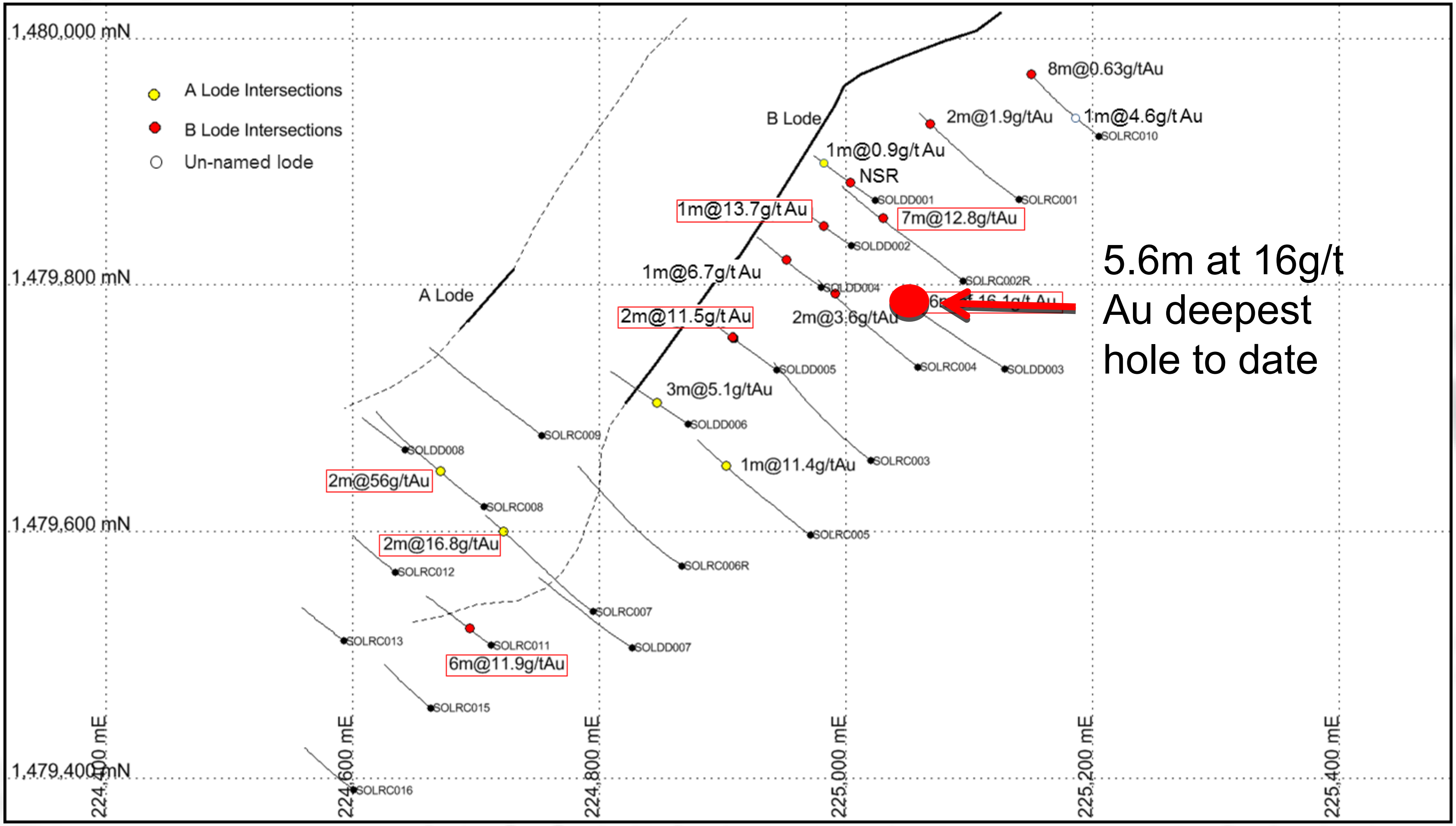
Note: Mt Charlotte is thicker but lower grade than the Tambiri high grade core



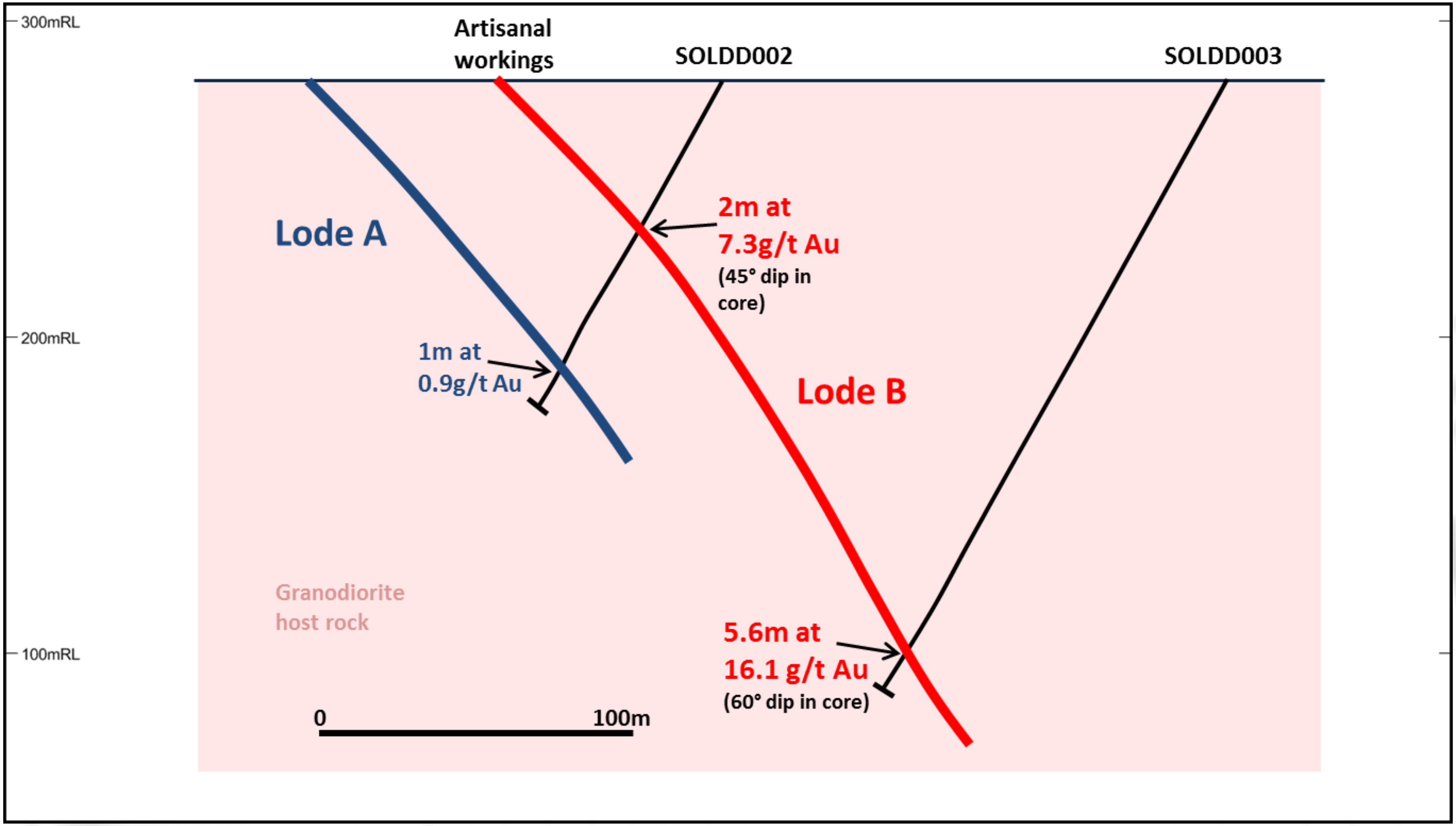
Source: Vanderhor and Groves, 1998

Bangaba Project
Solna Prospect – RC and diamond drilling

- Shallow diamond drilling does not intersect workings
- “En echelon” high grade vein arrangement, may extend over kilometres

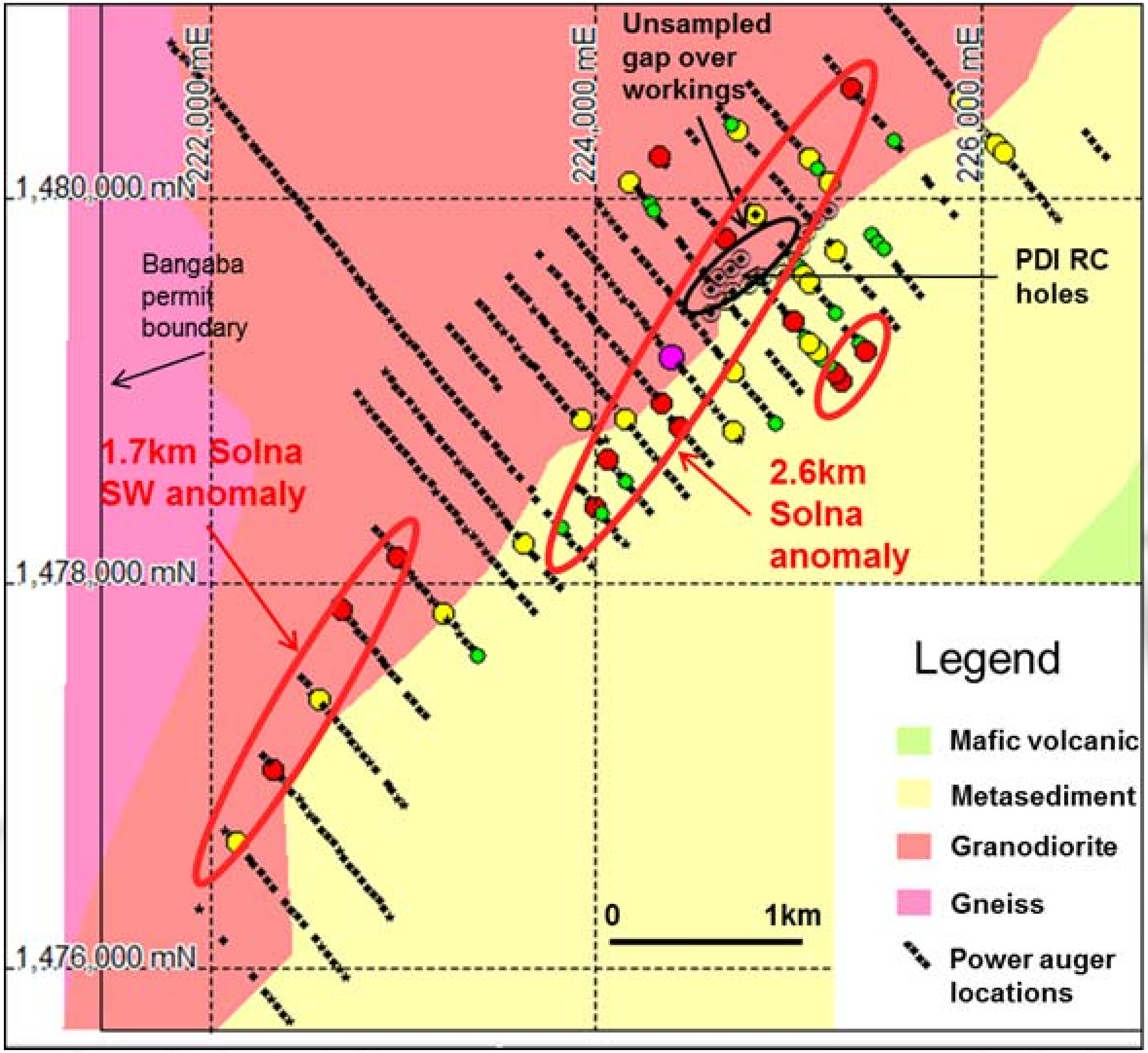


Bangaba Project
Solna Prospect – cross section



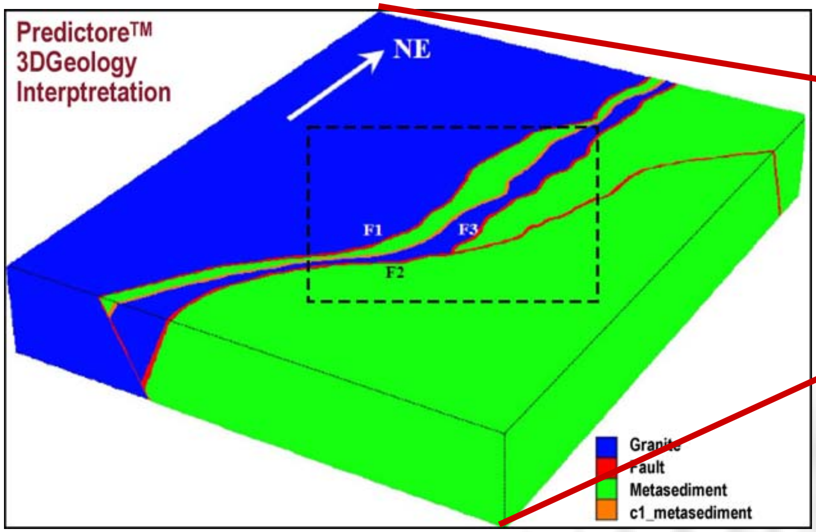
Bangaba Project
Solna Prospect – Power auger

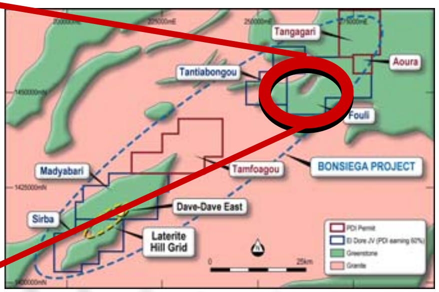
- 5km of bedrock gold anomalies
- Series of bedrock Au anomalies, connecting with Golden Rim 7km zone directly to the SW
- 1,000 hole infill power auger program near completion - to identify additional RC targets

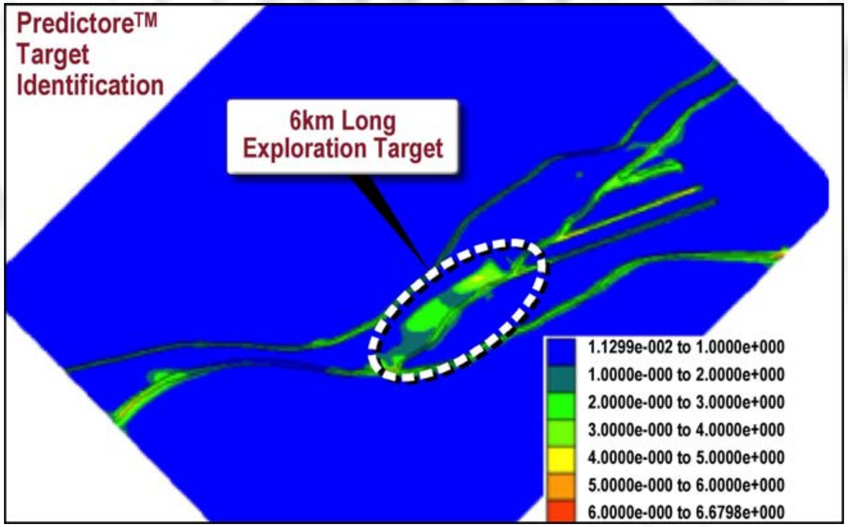


PDI Technology – Predictore™

- Emerged from a national research centre (the pmd*CRC)
- 2 scales – terrane and drill target
- Drill target scale: 2 steps – validate against known deposit and then predict
- Use of geophysics and good geology mapping essential







Aggressive Exploration Program

Current

- 33,000m RC drilling (in progress)
- 3,100m diamond drilling (completed)
- 30,000m-40,000m power auger drilling (in progress)
- 5,000m air core (in progress)
- Geological mapping – outlying areas
- (slow assay returns)

9 Months

- Planned maiden resource estimate in 2012

Current status

- ElDore Mining Corporation Limited (ASX:EDM) at 28% on 4 Bonsiega permits
- Bangaba (now 68% going to 95%):
  - ✓ High grade results recently reported
  - ✓ Continuity becoming clearer
  - ✓ Solna deep high grade intercept opens up system at depth
  - ✓ Along strike potential being explored with power auger infill
  - ✓ Follow up RC drilling shortly
- Laterite Hill Grid:
  - ✓ Laterite Hill-Tamboana and Prospect 71 reconnaissance RC completed
  - ✓ Slow return on assays
  - ✓ 4 RC holes on western extension to Laterite Hill bedrock anomalies – 6g/t Au peak value in power auger
  - ✓ 1000m of diamond drilling completed - all results awaited
  - ✓ Air core on Dave-Dave E extensions in progress
- Eastern Bonsiega:
  - ✓ Power auger on Predictore^{TM} anomaly complete – results awaited
  - ✓ New artisanal workings on Tangagari

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Appendices – Board of Directors

Phil Harman - Non Executive Chairman

Phillip Harman has substantial experience in senior positions in the junior exploration sector, and was previously Chief Geophysicist and Exploration Manager-South America for BHP Billiton.

Paul Roberts – Managing Director

Paul Roberts has a long and successful history in mineral exploration management and mine geology both in Australia and overseas, including discovery of the Henty gold deposit in Tasmania.

Tom Whiting – Non Executive Director

Dr Tom Whiting is a consultant and Company Director and former Vice President of Exploration of BHP Billiton Minerals.

Bobby Danchin – Non Executive Director

Dr Bobby Danchin is currently non-executive director of Cluff Gold plc and Mineral Deposits Limited. Both companies have developed gold mining operations in West Africa. Formerly Managing Director – Exploration and Acquisition Division of Anglo American.

Phil Henty – Non Executive Director

Phil Henty has extensive experience in the Australian securities markets. He has worked for nearly thirty years in the stock broking and investment markets.

Appendices – Management

David Pascoe – Exploration Manager

David Pascoe has over 30 years experience in mineral exploration, new project generation and mine geology. He has worked mostly in Africa, South America, Eastern Europe and Australasia. He successfully managed exploration in Australia, Papua New Guinea and Brazil. He has discovered new deposits (including Kerimenge gold – Papua New Guinea, Magellan lead - Australia) and identified projects for company acquisition at the prospect stage (including Tocantinzinho gold – Brazil).

Barry Murphy – Chief Geologist

Dr Barry Murphy has had a highly successful career in mineral exploration, consulting and research. He brings wide experience in structural geology consulting, mineral exploration management, overseas project generation studies (e.g. India and Ireland) and mineral system research for the pmd*CRC. He is a specialist in the use of wavelet processed data for project generation, and has played a critical role in PD's ground selection efforts.

Ian Hobson – Chief Financial Officer

Ian Hobson is a chartered accountant and a chartered secretary who has had 25 years experience in the profession, acts in various roles for various listed and unlisted entities, and specializes in transaction support, due diligence and prospectus preparation. Prior to commencing his own practice, Ian was a director at Ferrier Hodgson and prior to that at PricewaterhouseCoopers.

Burkina Faso exploration team

Consisting of 28 staff including a local manager, eight staff geologists, accountant and support staff (drivers, cooks, technical assistants, field assistants)

Appendices – Burkina Faso facts

- Landlocked country bordered by Ghana, Mali, Cote d'Ivoire, Togo, Benin and Niger
- Area: 274,000 sq km (slightly larger than Victoria)
- Population: 16 million
- Political system: stable democracy
- GDP per capita: USD1,200
- Religion: 60% Muslim, 20% Christian, 20% other
- Life expectancy at birth: approximately 50 years
- Economy – rural focus, cotton and gold the principal exports
- Mining industry:
  - focus on gold – currently 6 mines in production (Kalsaka, Taparko, Youga, Mana, Inata, Essakane)
  - Government is free carried to production at 10% in all mining projects
  - Royalty is on a sliding scale from 3% to 5% depending on the gold price