



RIEDEL
RESOURCES



Annual General Meeting

12 November 2012

ASX: RIE

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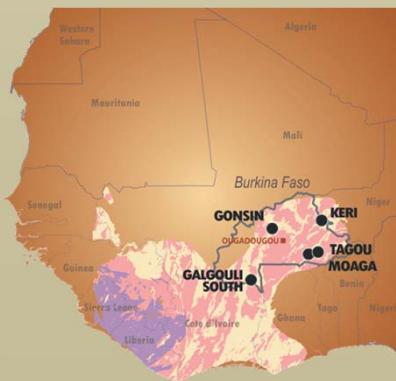
Competent Persons Statements

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Ed Turner, who is a Member of The Australian Institute of Geoscientists. Mr Turner is a full-time employee of Riedel Resources Limited. Mr Turner has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves'. Mr Turner consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Company Overview



"Current focus on 3 core projects with significant exploration and development potential"



- Projects in richly mineralised Proterozoic and Archaean terranes in *Western Australia* and *West Africa*
- Core team of experienced corporate and technical professionals
- Focus on gold, copper and base metals

Corporate Summary



Capital Structure

ASX Code: RIE, RIEO

Listed: Jan 2011 A\$5.22M IPO

Shares

(RIE) Total 96.2M

(RIE) Escrowed to Jan 2013 25.9M

(RIE) Escrowed to Apr 2013 12.5M

(RIE) Tradeable 57.8M

Options

(RIEO, Nov 2012 \$0.20) 29.1M

(Unlisted, June 2014 \$0.30) 10.0M

Shareholdings

Top 20 69%

Major Shareholders

ADX Energy 26%

Golden Rim Resources 13%

CQS 9%

Share Price A\$0.08

Mkt. cap (undiluted) **A\$8.0M**

Cash (30 September 2012) A \$1.0M

Board and Management



"Board and senior management all bring significant African and Australian operating experience and success"

Ian Tchacos
Chairman

Mechanical engineer with over 25 years international experience in corporate development and strategy, mergers and acquisitions, exploration, development and production operations, marketing and finance.

Non-Executive Director
Andrew Childs

Bruce Franzen
Executive Director

CPA with over 20 years local and international experience in commercial administration and financial control related to the development of large scale capital resource projects including offshore oil & gas drilling, iron-ore and exploration.

Jeffrey Moore
Managing Director

Geologist with over 25 years experience, former Managing Director of Allied Gold plc and Abra Mining Limited (*taken over by St Barbara Mining and MINMETALS respectively*).

Generated and managed projects for precious metals, copper, base metals, diamonds, nickel and industrial minerals in Australia, Central-South America, Africa, PNG, Asia.

Ed Turner
Exploration Manager

Geologist with 24 years of experience in Australia, Brazil, Romania, Ukraine and DRC for precious and base metals, uranium and manganese.

Former Exploration Manager for Anvil Mining (DRC), experienced in project acquisition, foreign govt liaison, development & training of exploration teams, underground gold mining and resource estimation.

Value Proposition



"Project pipeline of highly prospective minerals tenements with potential for large gold, copper and nickel discoveries"

➤ Key 100% project interests:

- *Burkina Faso (Au-Cu)* - Five Permits (1,076km²), each with multiple gold anomalies and artisanal workings in the fastest growing gold producing region in the world
- *Marymia (Au-Cu-Ni)* - Two tenements (420km²) close to the 10M oz Plutonic gold deposits and major recent copper discoveries in the Doolgunna-Thaduna trend
- *Southern Cross and Yandal Greenstone Belts* - Inferred Gold Resources 420,000 oz Au

➤ Experienced Board and management with history of success in the resources sector

➤ Skilled technical/project generation team set up for Company growth via exploration, development and acquisition success, including:

- *Western Australia* - 5 experienced senior and project geologists
- *Burkina Faso* - Full technical and administrative support provided by SMG Global consultants

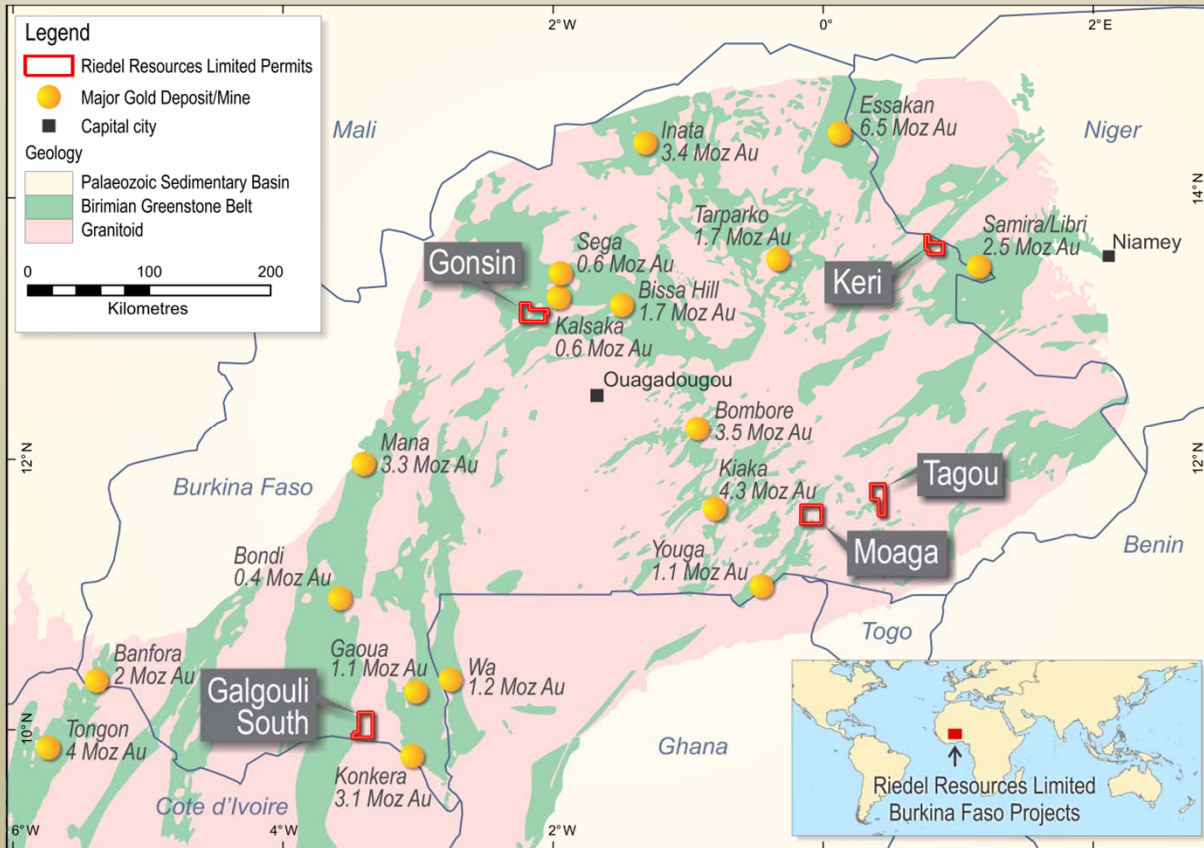


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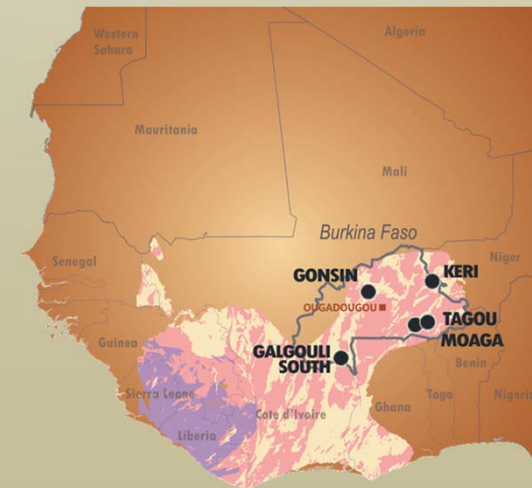


West Africa Projects

West Africa Project Locations

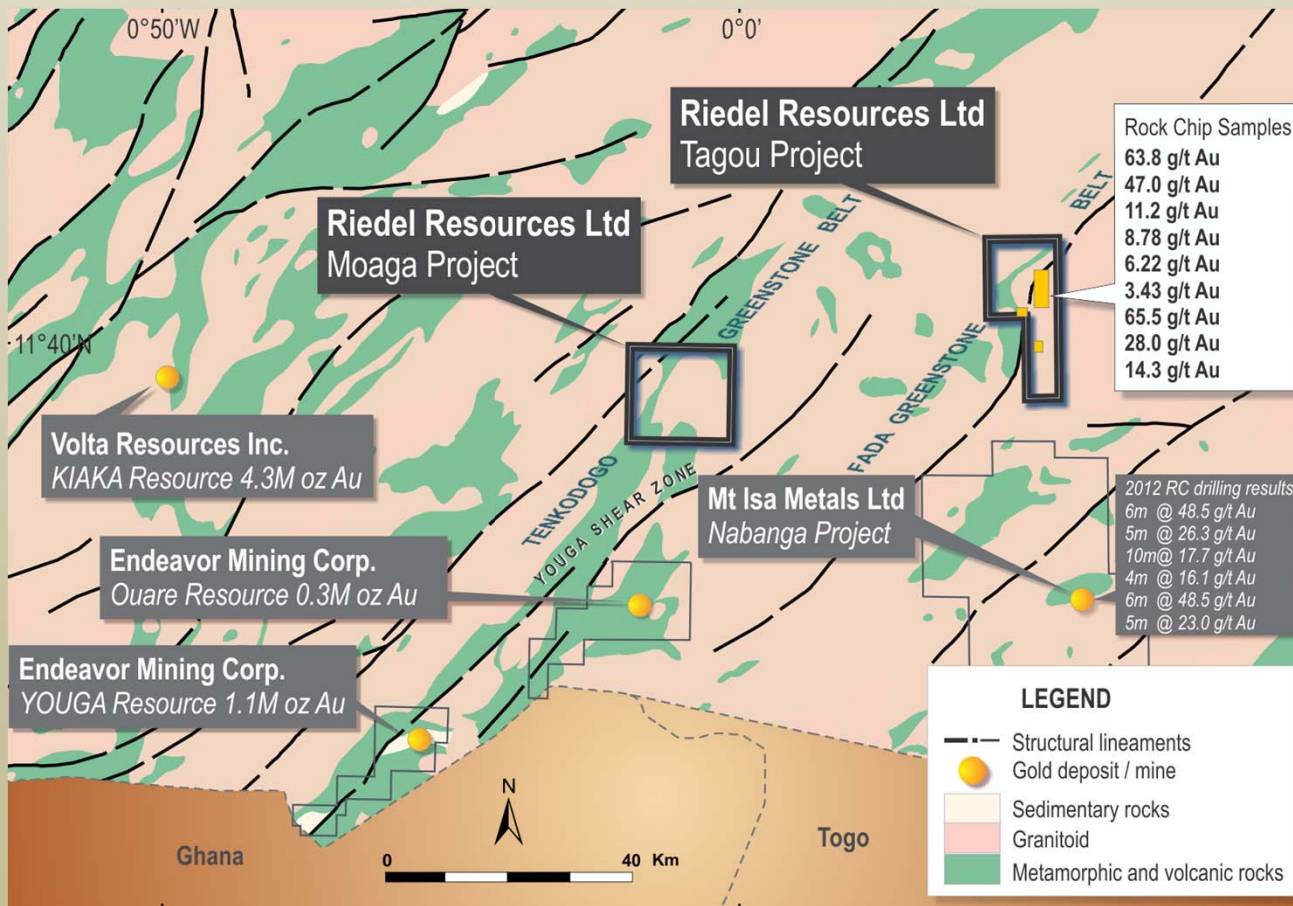


"The West Africa gold province hosts over 170Moz of gold, and more than 50 multi-million ounce gold deposits"



Burkina Faso Projects

Regional Geology



Exploration work during Q2 2012

TAGOU

4,705 soil geochemical samples
 119 rock chip samples
 16 scout RC drillholes for 1,826 metres

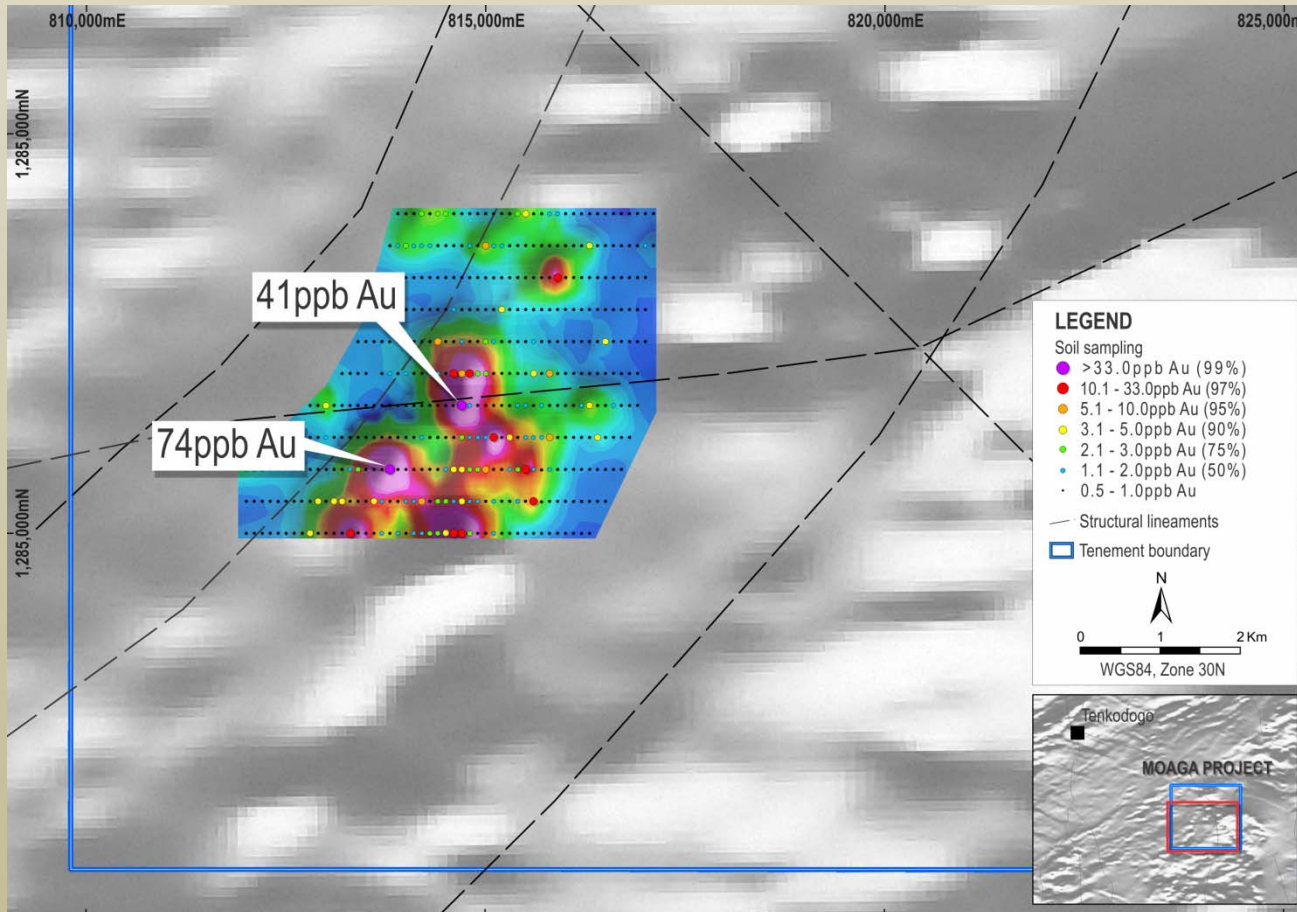
MOAGA

436 soil geochemical samples

Tagou and Moaga Projects

Burkina Faso Projects

Gold-In- Soil Geochemistry

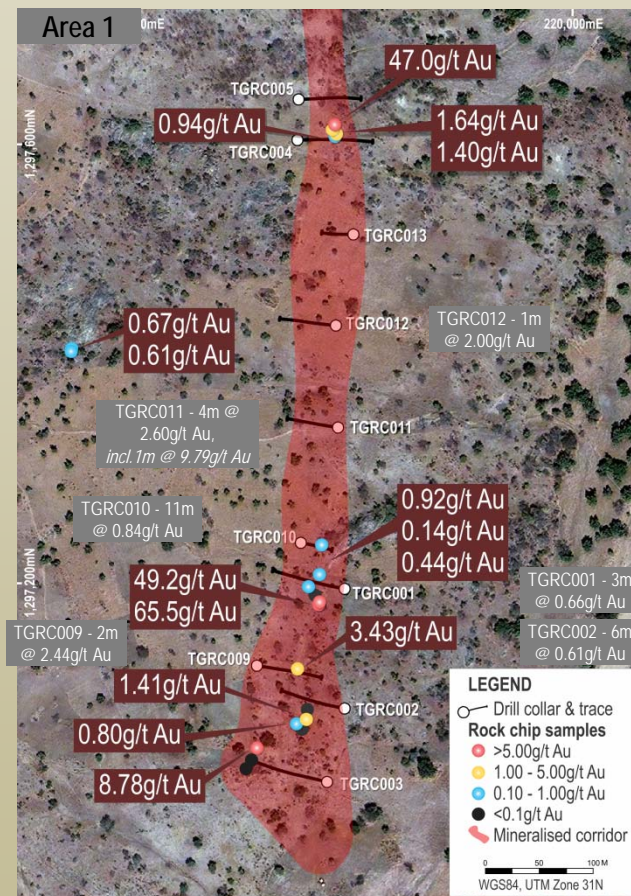
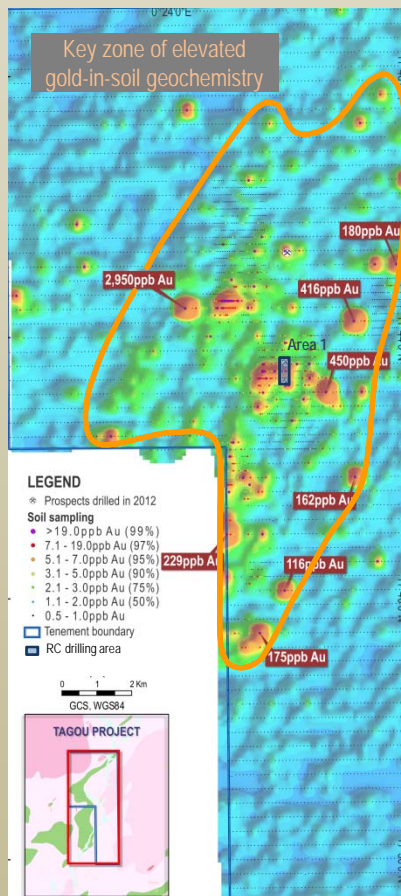


*Aeromagnetic Image
(First Vertical Derivative)*

Moaga Project

Burkina Faso Projects

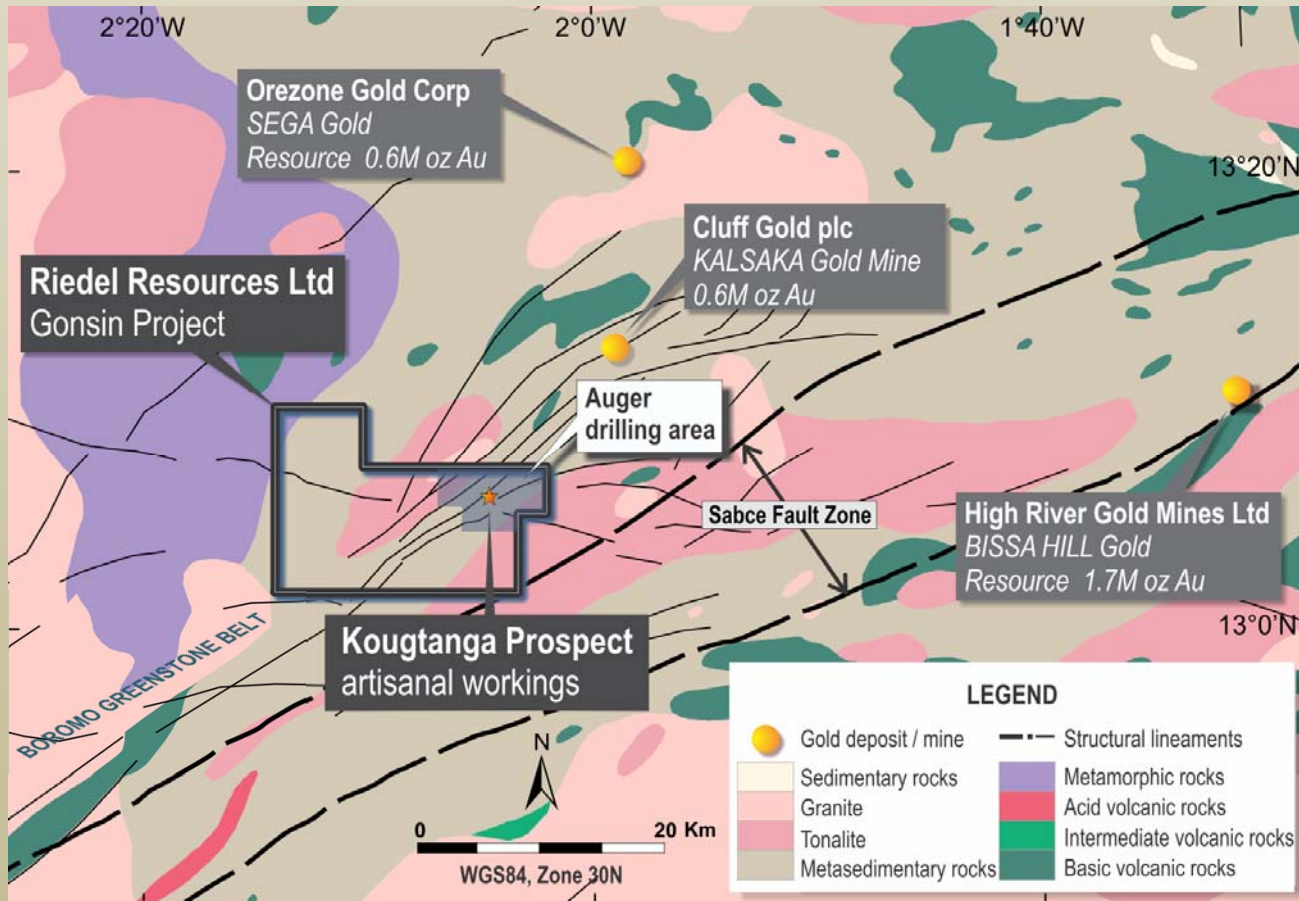
Soil and Rock Chip Geochemistry



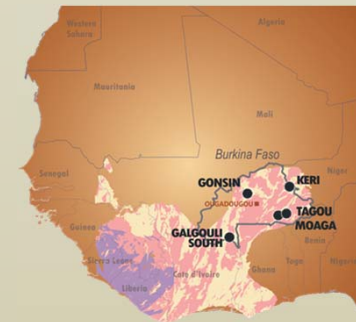
Significant scout RC drilling intercepts:

- TGRC 011 4m @ 2.60g/t Au
 including 1m @ 9.79g/t Au
- TGRC 010 11m @ 0.84g/t Au
 including 2m @ 2.00g/t Au
- TGRC 009 2m @ 2.44g/t Au
- TGRC 002 6m @ 0.61g/t Au

Regional Geology



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Exploration work during Q2 2012

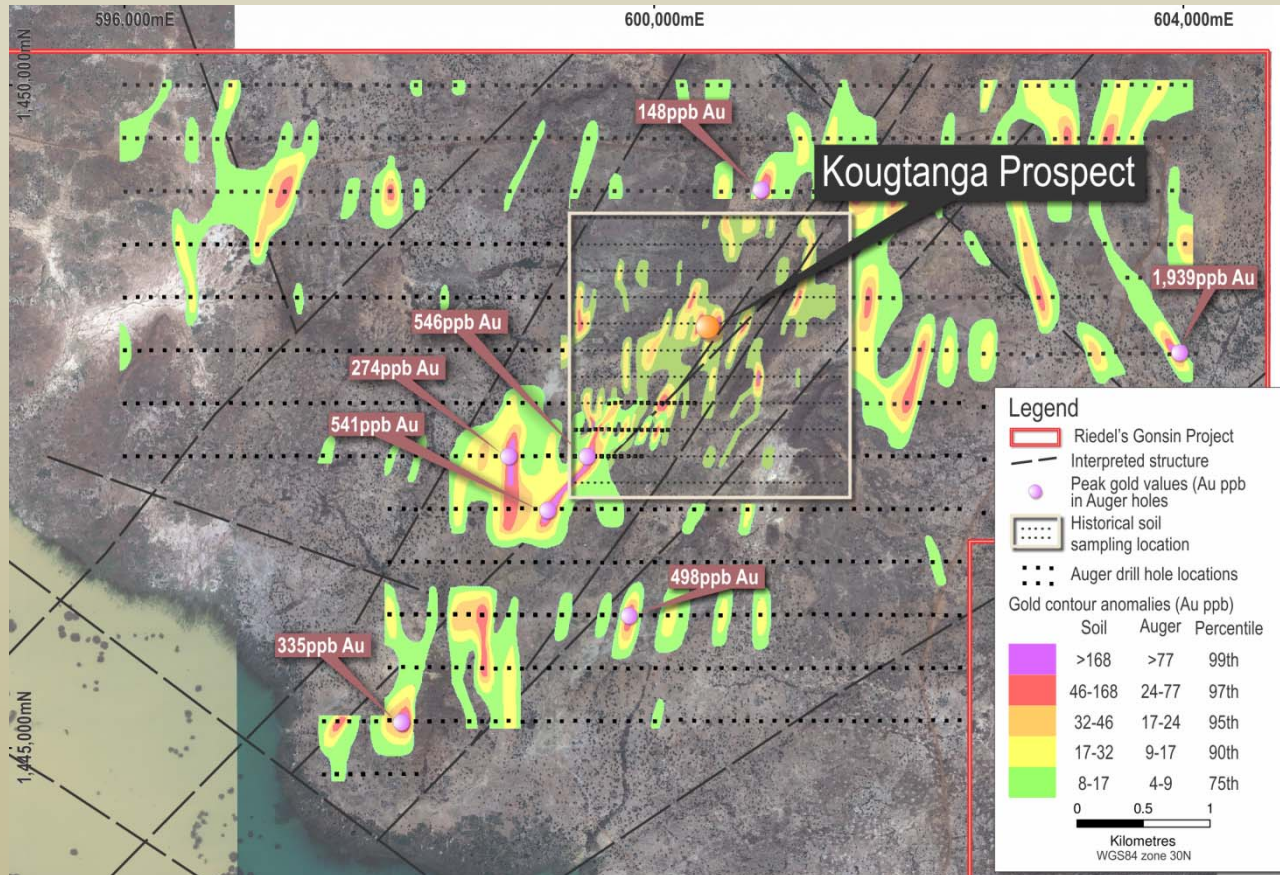
GONSIN

833 auger geochemical drillholes for 5,995 metres

Gonsin Project

Burkina Faso Projects

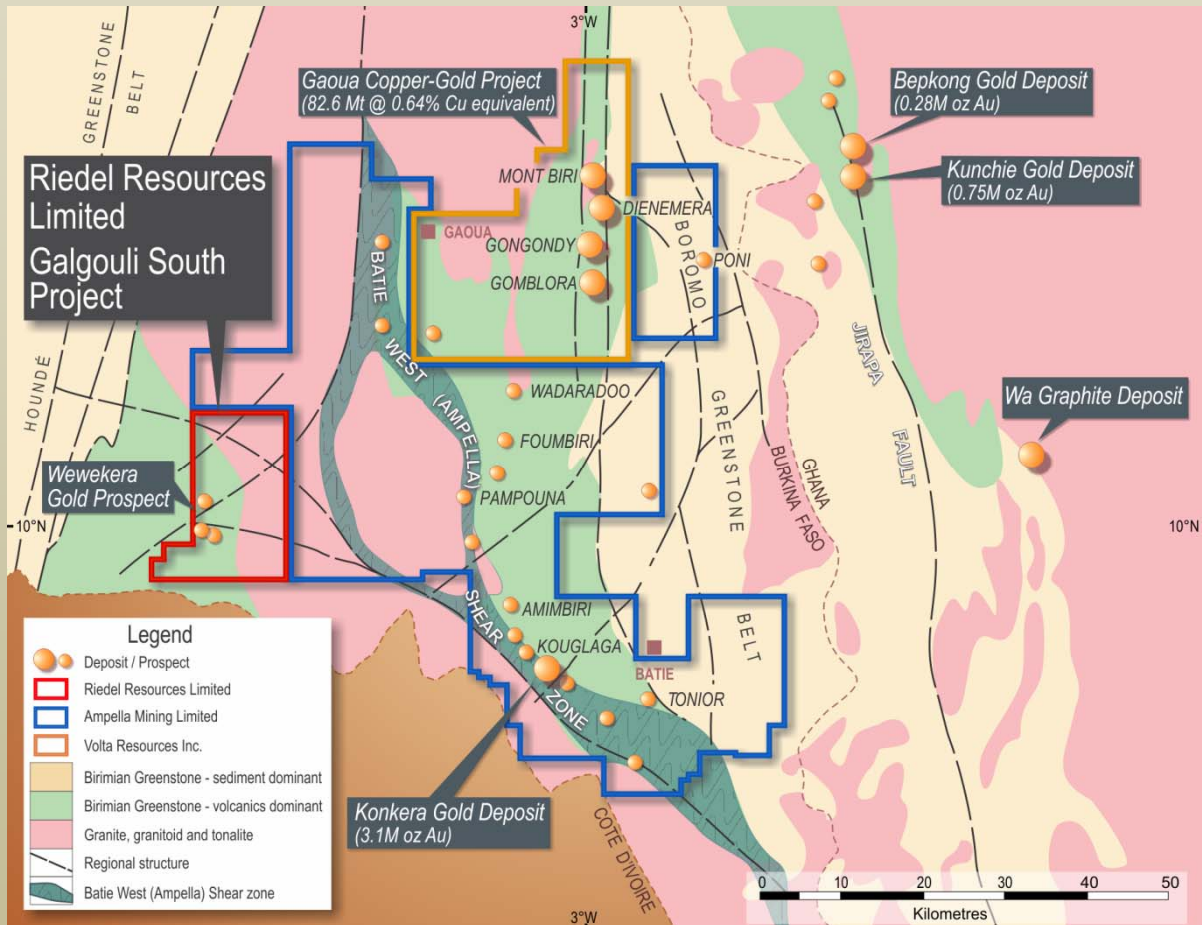
Auger Drilling Geochemistry



Gonsin Project

Burkina Faso Projects

Regional Geology



Exploration work during Q2 2012

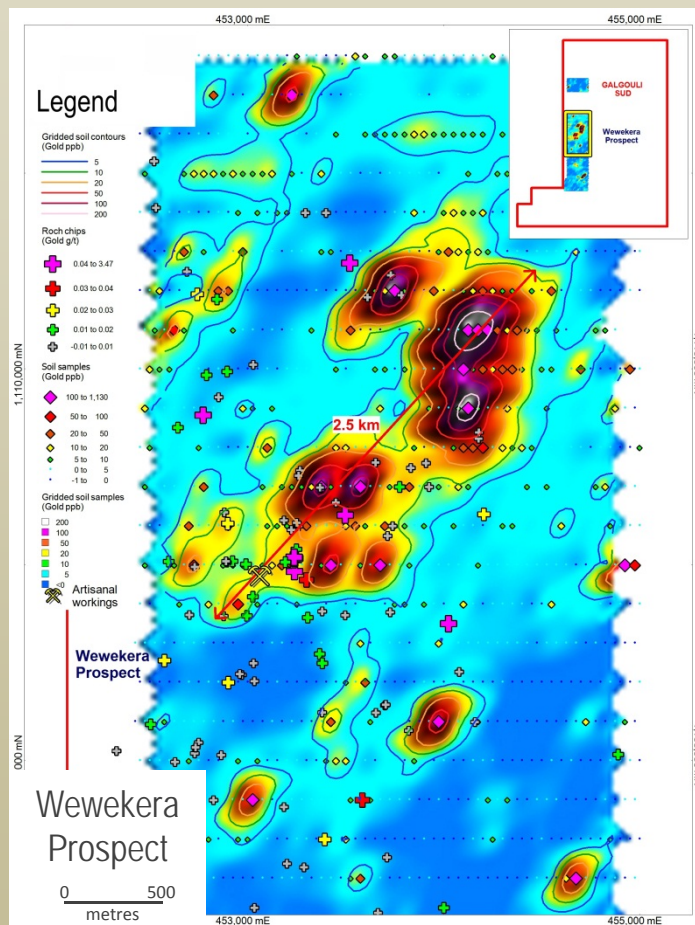
GALGOULI SOUTH

Orientation soil geochemical sampling

Galgouli South Project

Burkina Faso Projects

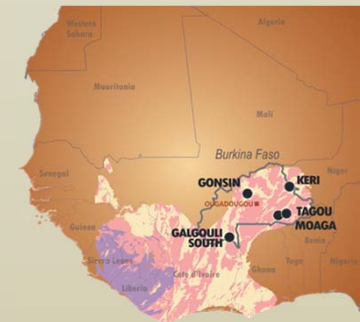
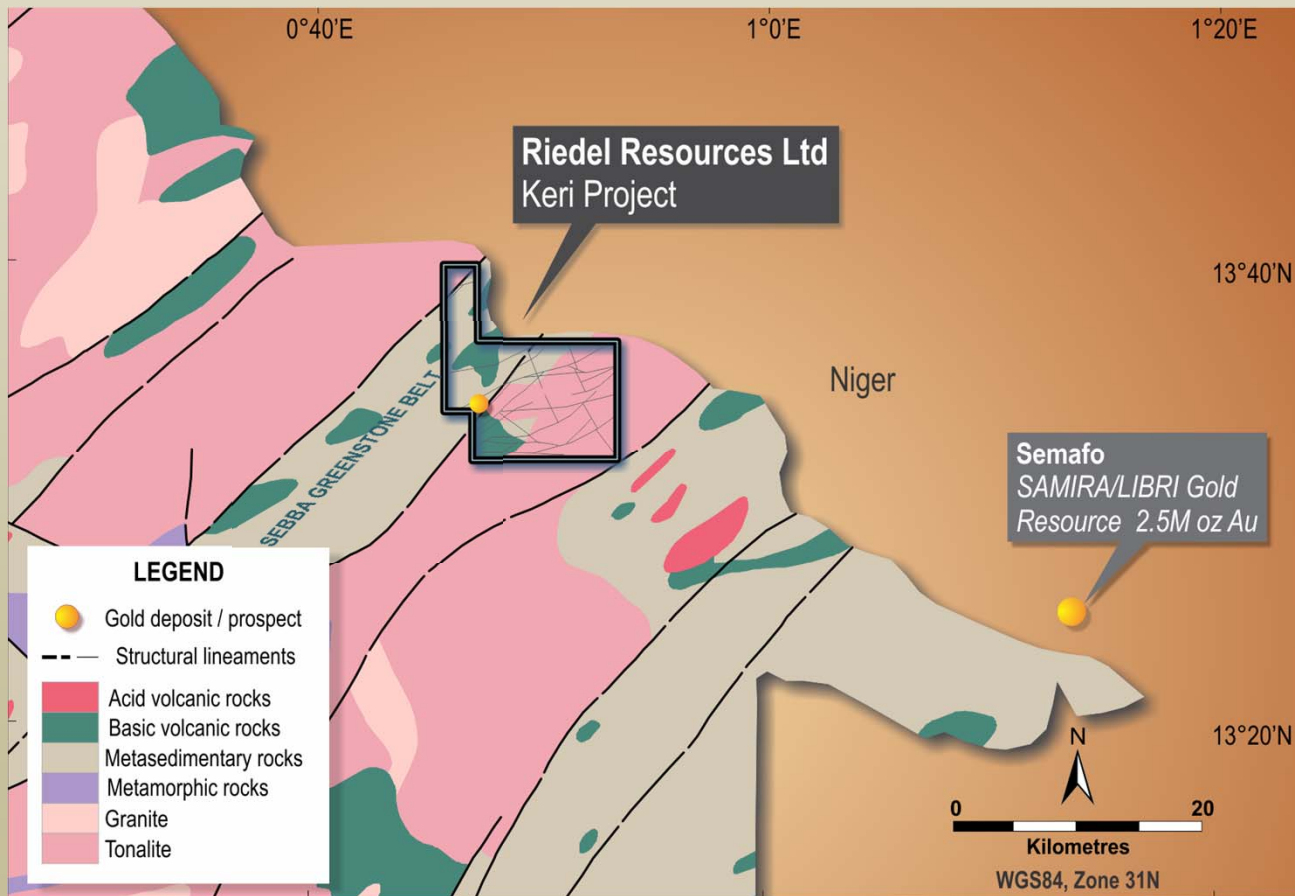
Gold-In-Soil Geochemistry



Galgouli South Project

Burkina Faso Projects

Regional Geology



Exploration work during Q2 2012

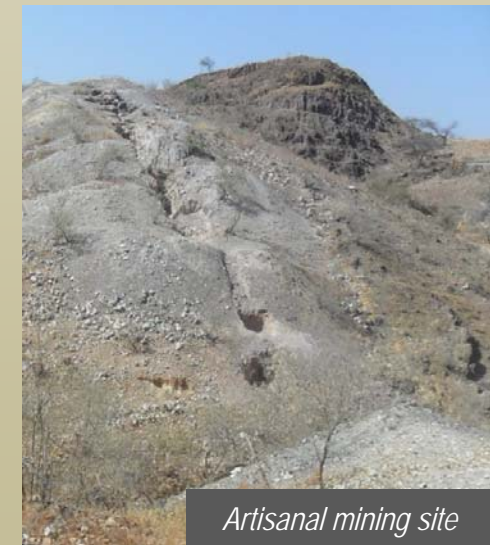
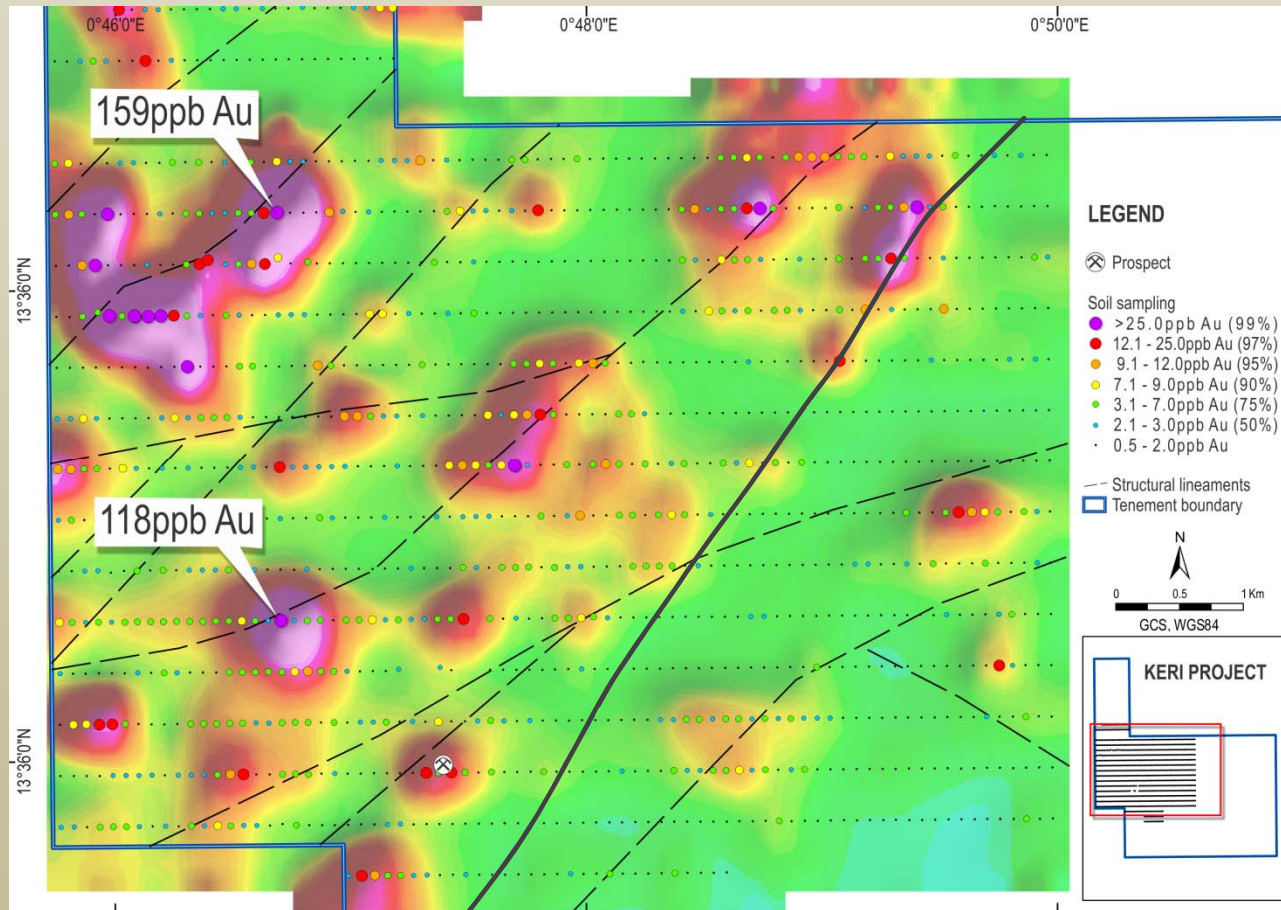
KERI

919 soil geochemical samples

Keri Project

Burkina Faso Projects

Gold-In-Soil Geochemistry



Keri Project

Burkina Faso Projects



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Western Australia Projects

Western Australia Projects



Core Projects (100%)

- Marymia (copper, gold, nickel)
- Cheriton's Find (gold – Mineral Resources *108,000oz Au)
- Millrose (gold – Mineral Resources *309,000oz Au)
- Charteris Creek (gold, base metals, specialty metals)

Joint Venture or Non-Core Projects (100%)

- Bronzewing Sth/Kara JV (gold)
 - (Navigator earning up to 70% by spending \$2.0M)

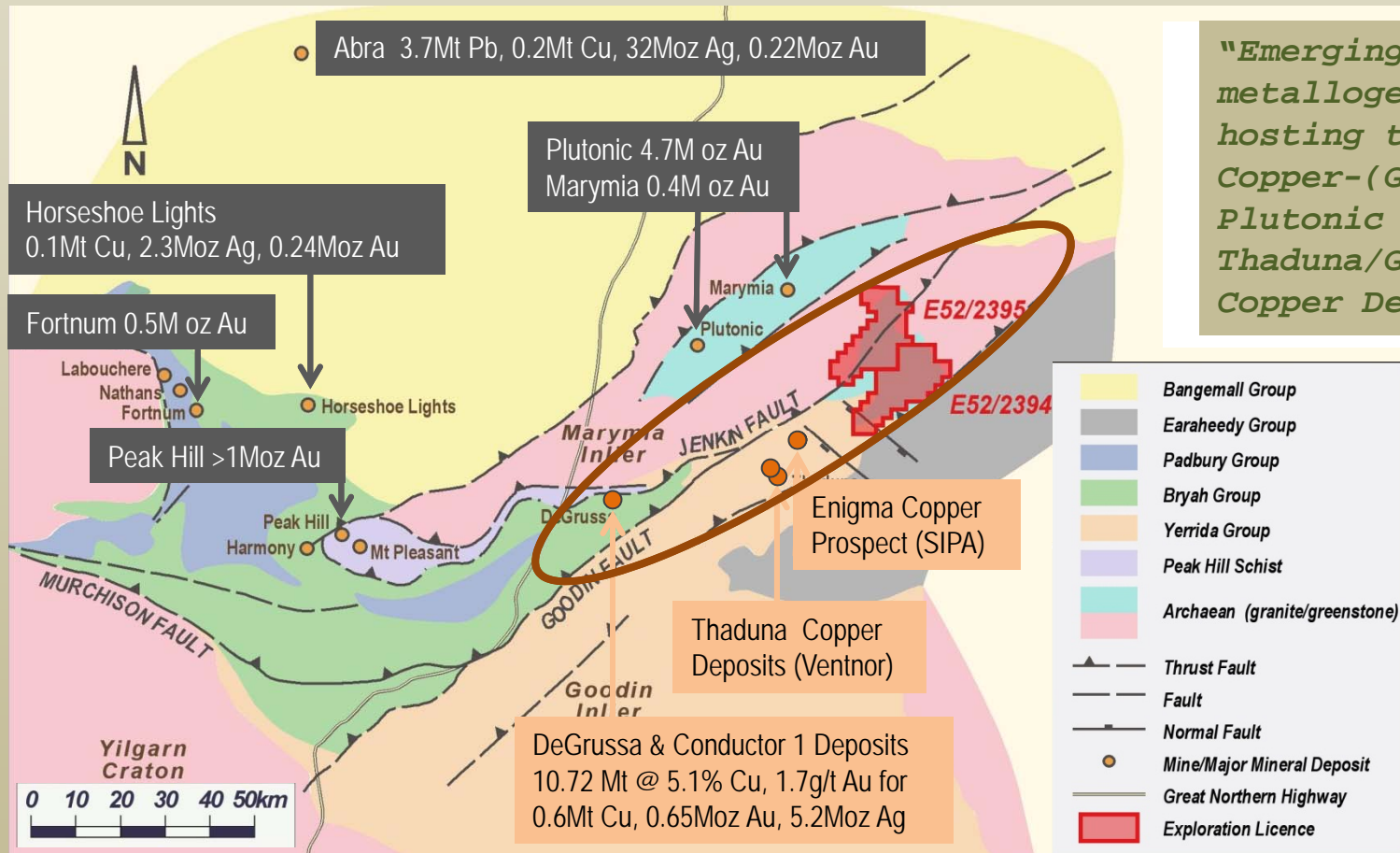
Royalties and Free-Carried Interests

- West Yandal (gold)
- Dulcie (gold)
- Porphyry (gold)

**inferred Mineral Resources*

Western Australia Projects

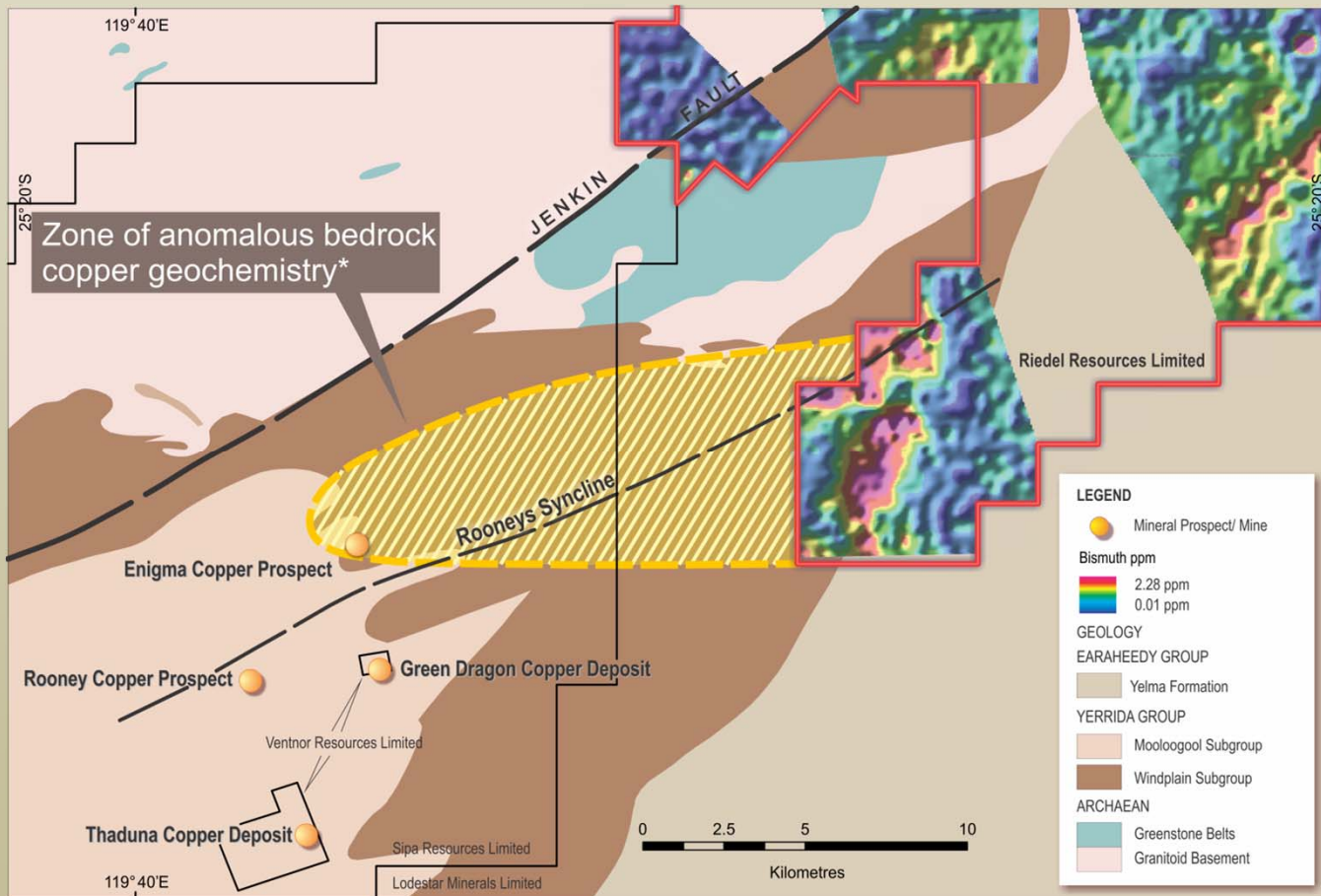
Regional Geology



"Emerging major metallogenic province hosting the DeGrussa Copper-(Gold) Mine, Plutonic Gold Mine and Thaduna/Green Dragon Copper Deposits"



Copper Pathfinder Geochemistry



Bismuth geochemistry

Exploration work during H1 2012

MARYMIA

- 4,200 soil geochemical samples
- Rock chip sampling
- Detailed geological mapping

Marymia Project

Western Australia Projects

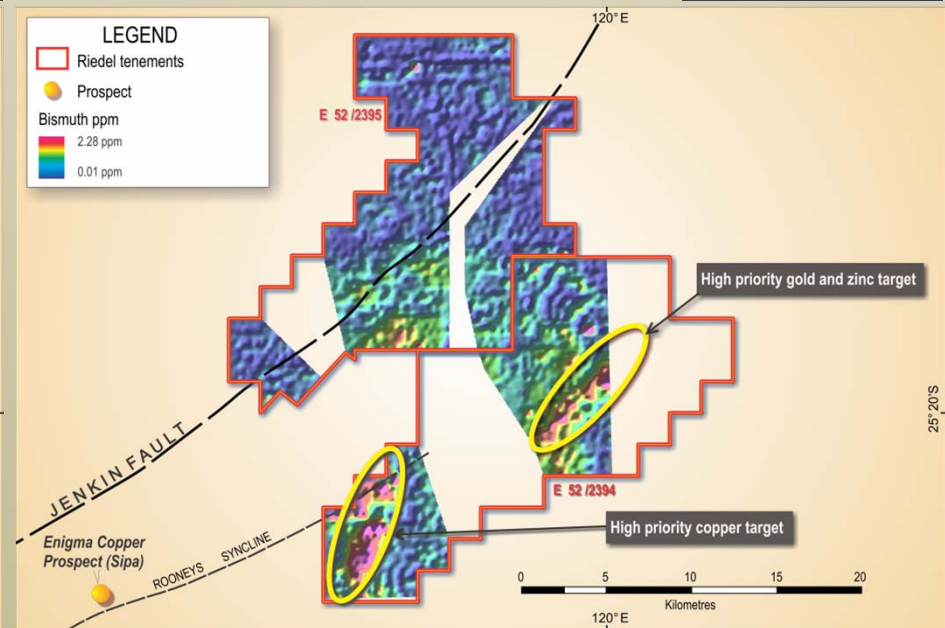
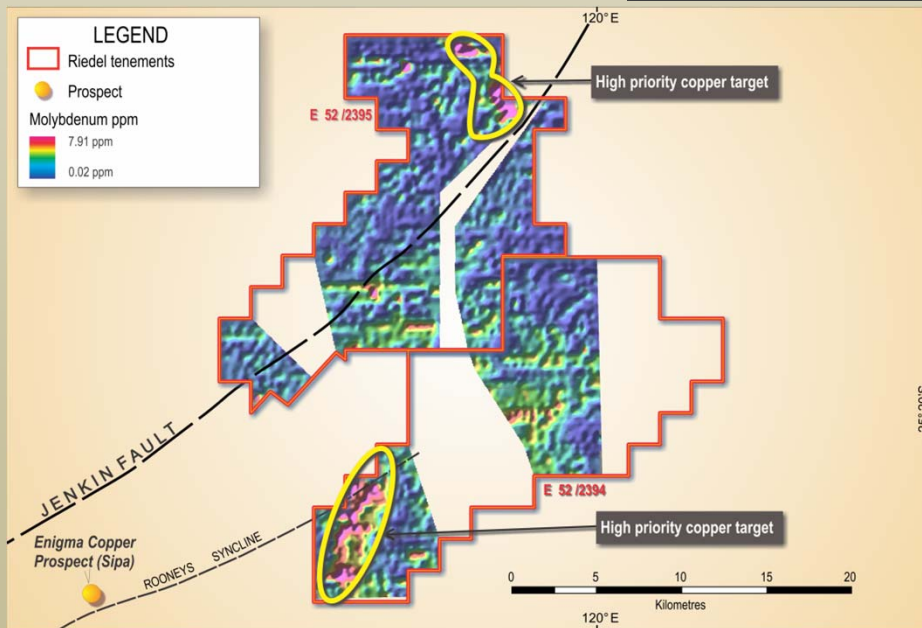
Copper Pathfinder Geochemistry



"The key to pathfinder geochemistry is the understanding of common associations of minerals and metals in unweathered rocks, including *gold-arsenic-antimony*, *copper-molybdenum-bismuth* and *zinc-indium* and the recognition of their near-surface weathered products and anomalies"

Molybdenum geochemistry

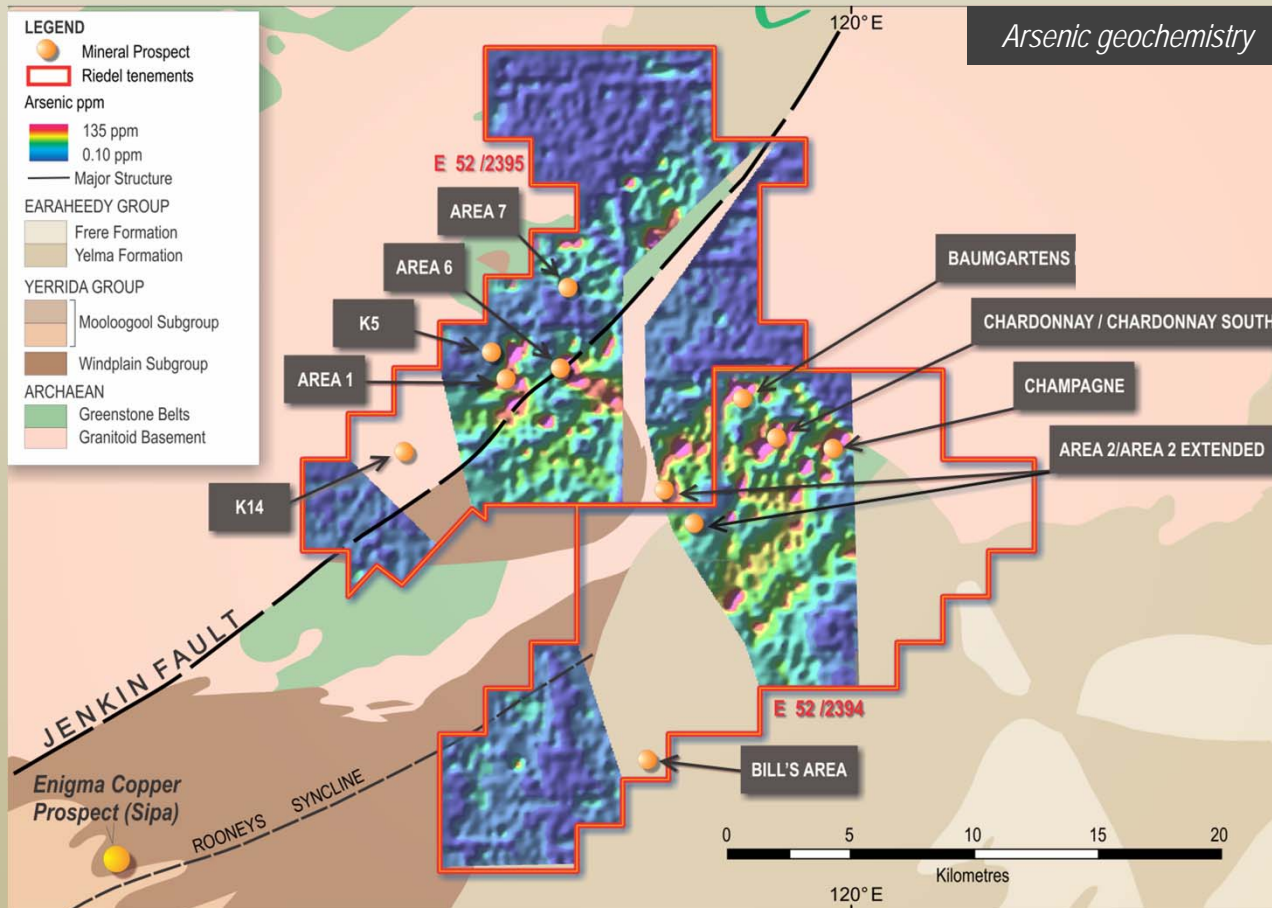
Bismuth geochemistry



Marymia Project

Western Australia Projects

Gold and Nickel Targets



Historical gold drilling intercepts:

- Chardonney 5m @ 4.9g/t Au
- Champagne 3m @ 9.5g/t Au
- Baumgartens 2m @ 4.3g/t Au
- Area 2 2m @ 2.8g/t Au
- Bill's Area 4m @ 4.5g/t Au

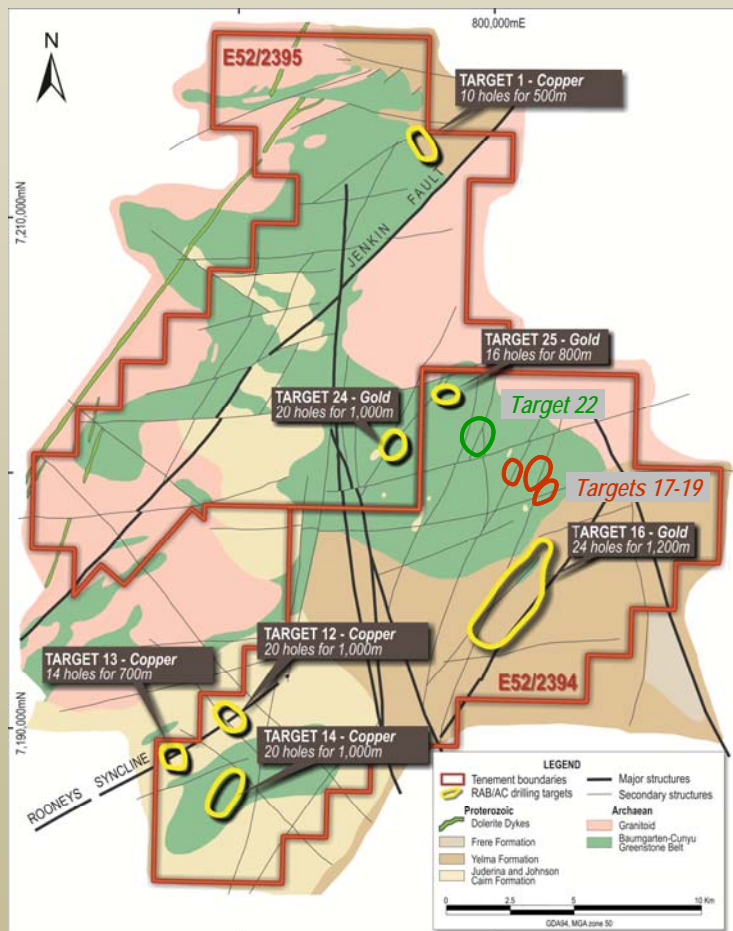
High MgO (25-32%) ultramafics, untested at depth, historical nickel drilling intercepts:

- Area 6 12m @ 0.65% Ni from 8m
16m @ 0.45% Ni from 20m
20m @ 0.52% Ni from 24m
- K5 8m @ 1.05% Ni from 28m
- Area 7 9m @ 0.43% Ni from 3m
15m @ 0.62% Ni from 9m
4m @ 1.07% Ni from 28m

Marymia Project

Western Australia Projects

Planned Drilling Targets (Q4 2012)



PHASE 1 (yellow)

RAB/Aircore drilling targets:

- ✓ Target 1 – copper/gold – 10 holes for 500 metres
- ✓ Target 12 – copper/gold – 20 holes for 1,000 metres
- ✓ Target 13 – copper/gold – 14 holes for 700 metres
- ✓ Target 14 – copper/gold – 20 holes for 1,000 metres
- ✓ Target 16 – gold – 24 holes for 1,200 metres
- ✓ Target 24 – gold – 20 holes for 1,000 metres
- ✓ Target 25 – gold – 16 holes for 800 metres

PHASE 2 (red)

RAB/Aircore drilling targets:

- ✓ Target 17-19 – nickel – 6 holes for 600 metres

PHASE 3 Chardonnay/Champagne (green)

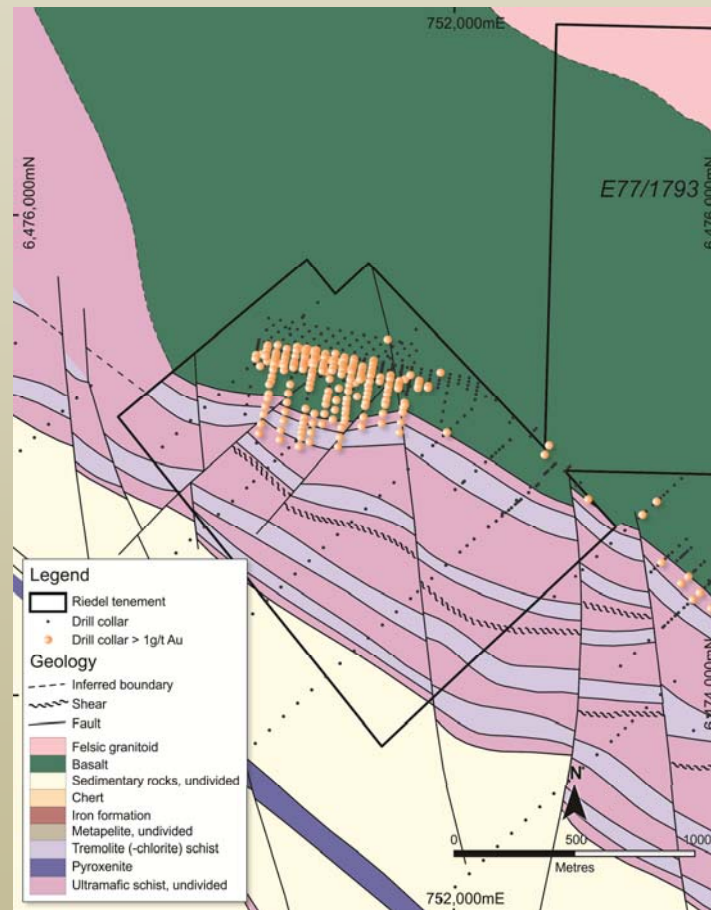
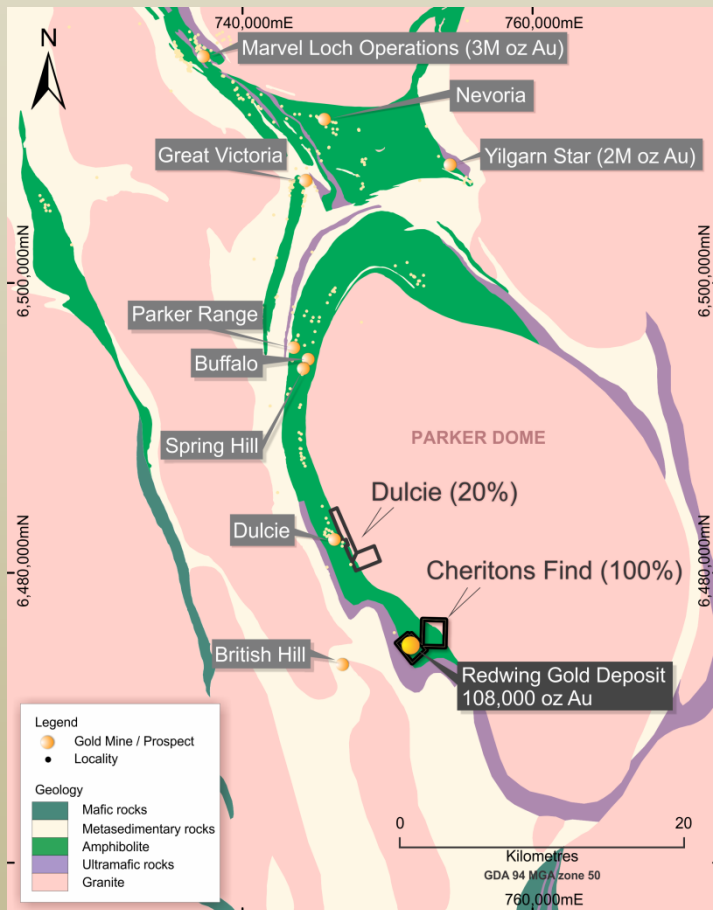
RC/Diamond drilling targets:

- ✓ – gold – 8 holes for 3,200 metres

Marymia Project

Western Australia Projects

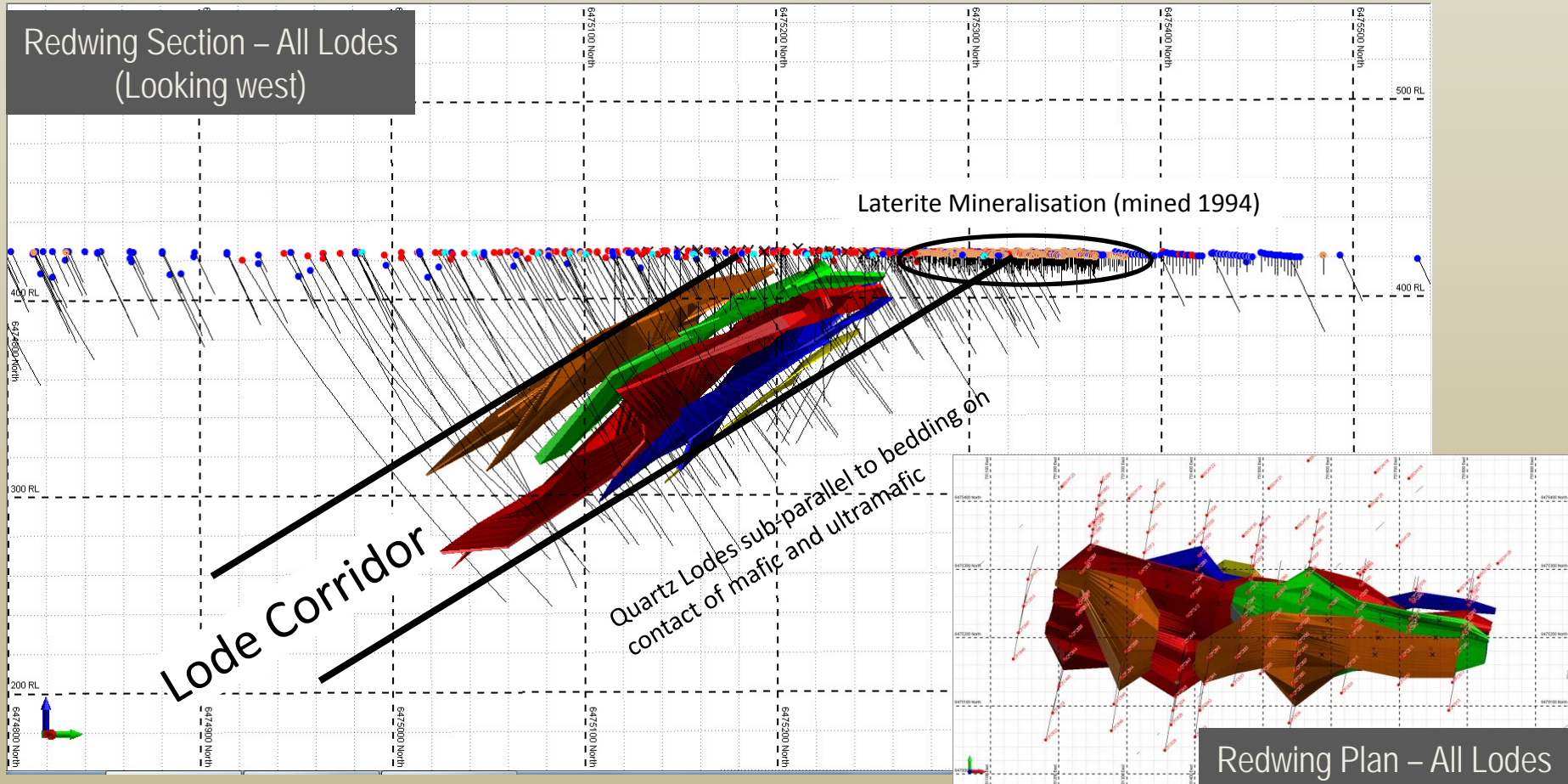
Geological Setting



Cheriton's Find Project

Western Australia Projects

Redwing Gold Deposit



Cheriton's Find Project

Western Australia Projects

Regional Geology



Legend

- Gold Mine/Deposit
- Locality
- Major road
- Minor road
- Riedel tenements

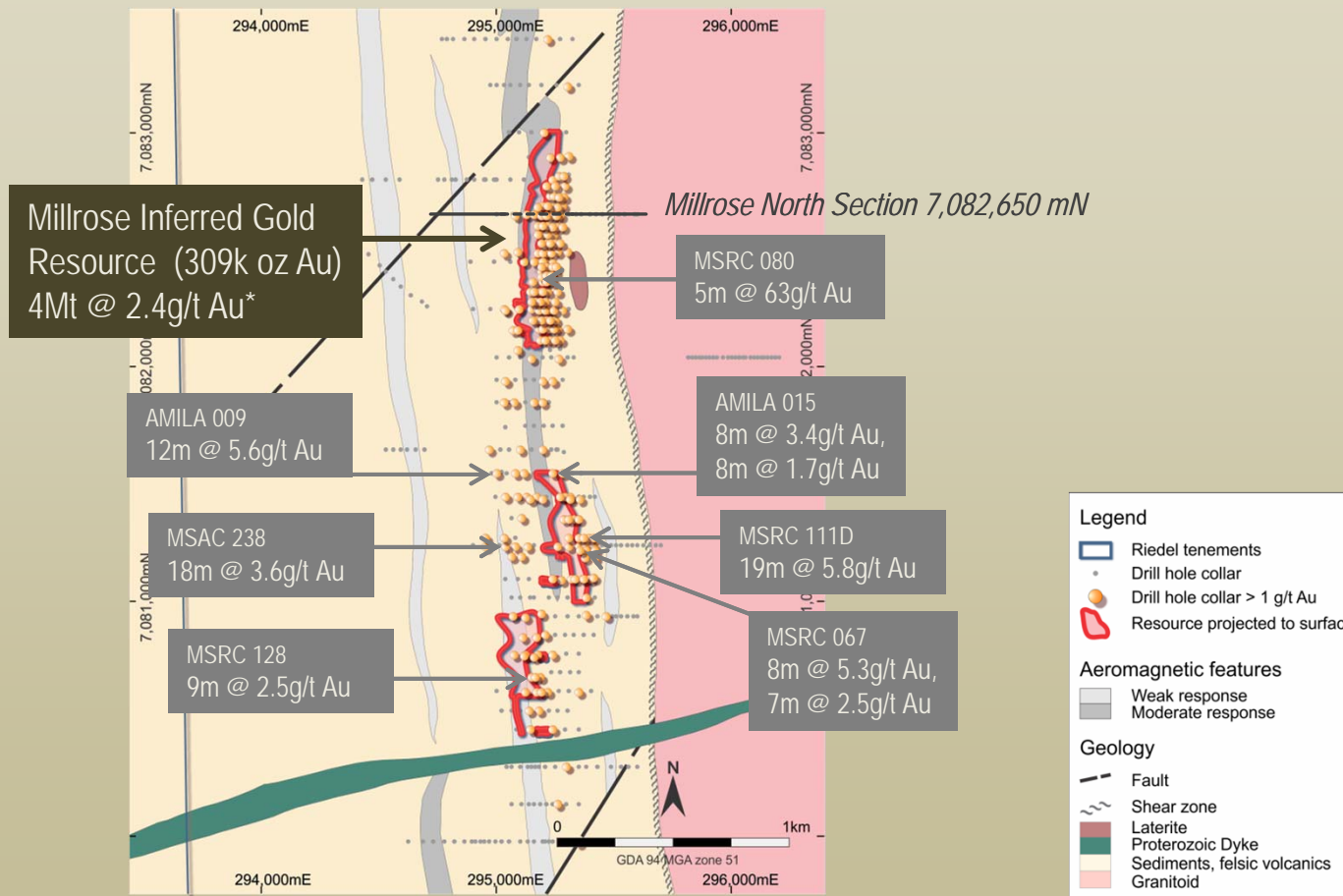
Geology

- Proterozoic
- Capricorn Orogen
- Archaean
- Granite-greenstones
- Granite

Millrose Project

Western Australia Projects

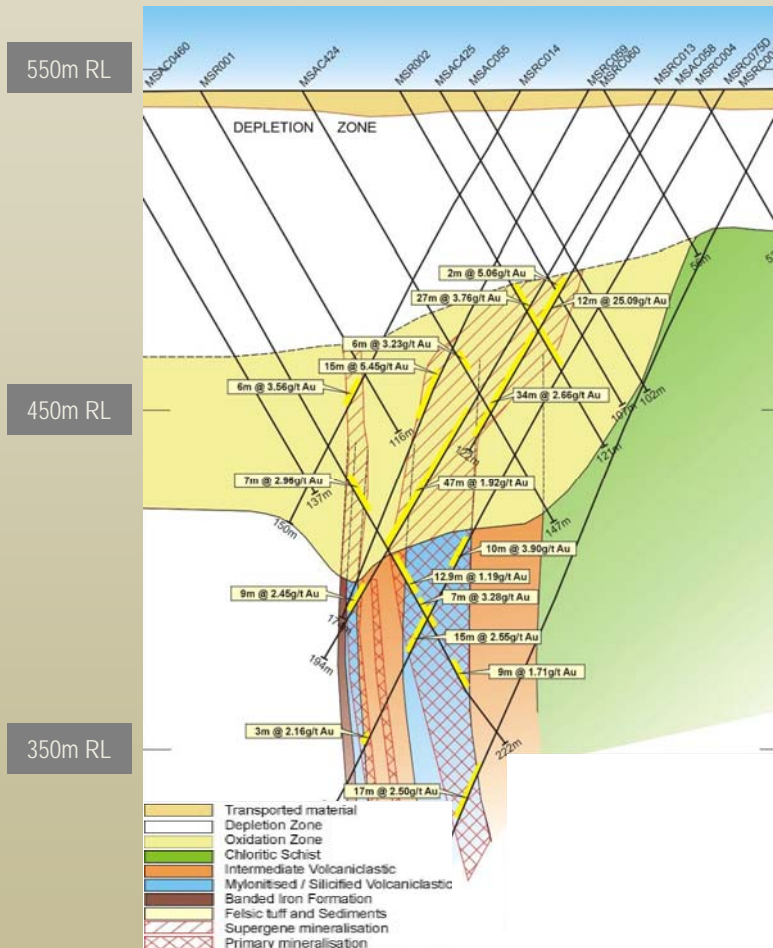
Inferred Mineral Resources



Millrose Project *1g/t Au cutoff

Western Australia Projects

Millrose North Cross Section



SIGNIFICANT INTERCEPTS SUMMARY

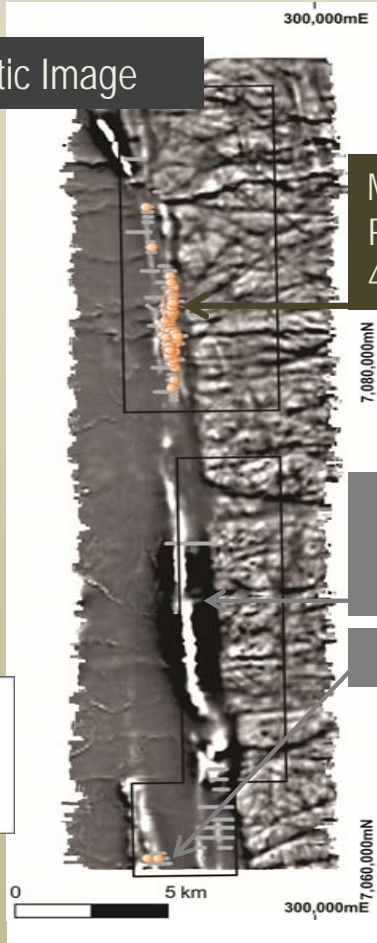
Cross-Section 7,082,650 mN

MSRC 075D	10m @ 3.90 g/t Au
	15m @ 2.55 g/t Au
MSAC 058	12m @ 25.1 g/t Au
	34m @ 2.66 g/t Au
MSRC 013	27m @ 3.76 g/t Au
	47m @ 1.92 g/t Au
	9m @ 2.45 g/t Au
MSRC 059	15m @ 5.54 g/t Au
MSRC 014	6m @ 3.56 g/t Au
MSAC 424	6m @ 3.23 g/t Au
MSRC 001D	17m @ 2.50 g/t Au
MSAC 086D	7m @ 2.96 g/t Au
	7m @ 3.28 g/t Au

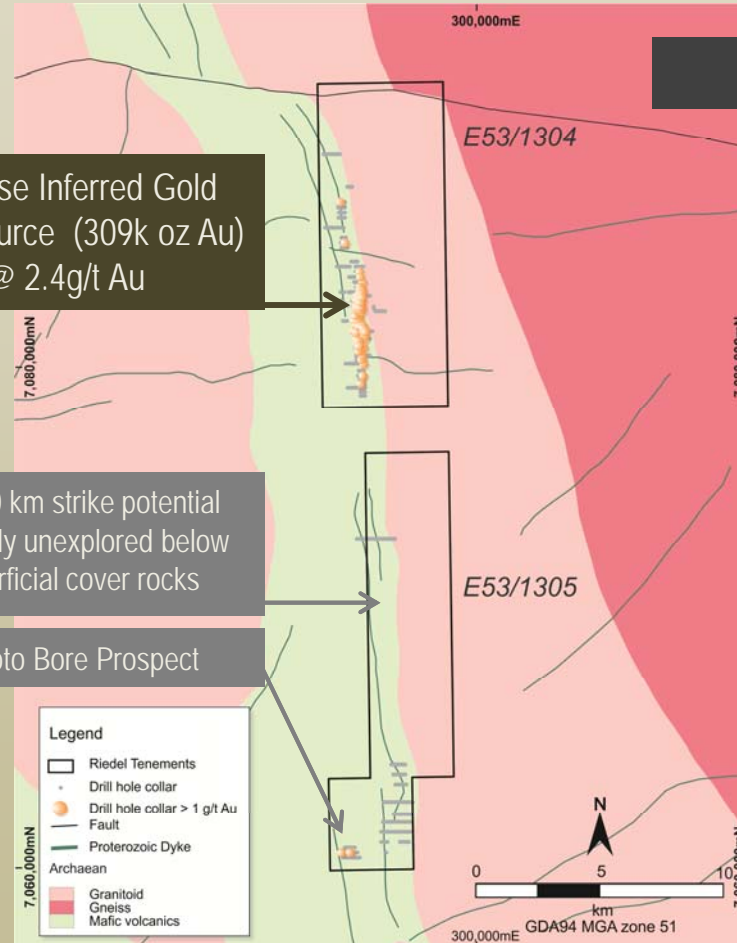
Millrose North Section
7,082,650 mN

Gold Exploration Potential

Aeromagnetic Image



Geological Image



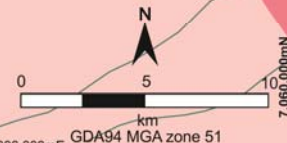
Millrose Inferred Gold Resource (309k oz Au)
4Mt @ 2.4g/t Au

8-10 km strike potential mostly unexplored below surficial cover rocks

Roto Bore Prospect

- Legend**
- Riedel Tenements
 - Drill hole collar
 - Drill hole collar > 1 g/t Au

- Legend**
- Riedel Tenements
 - Drill hole collar
 - Drill hole collar > 1 g/t Au
 - Fault
 - Proterozoic Dyke
 - Archaean
 - Granitoid Gneiss
 - Mafic volcanics



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