



Renaissance
minerals limited

High Grade Gold Project in Frontier Terrain Cambodia



**1.2 Million Ozs Gold
High Grade & Growing**

May 2014



ASX Code: RNS

Presentation Disclaimer

Forward Looking Statements

This presentation may contain certain forward looking statements and projections regarding:

- estimated, resources and reserves;
- planned production and operating costs profiles;
- planned capital requirements; and
- planned strategies and corporate objectives.

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This Mineral Resource estimate for the Okvau Gold project was prepared by Robin Simpson of SRK Consulting (Australasia) Ltd. Mr Simpson is a Member of the Australian Institute of Geoscientists (AIG), and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Simpson consents to the inclusion of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results is based on information compiled by Mr Nick Franey, a full time employee of the company and who is a Member of The Australasian Institute of Geoscientists. Mr Nick Franey has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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 Nick Franey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Company and Project Highlights

High Grade Gold with Scale

- Prospective new unexplored Intrusive Related Gold Province in Cambodia
- Independent JORC Resource estimate of 15.6Mt at **2.4g/t** gold for **1.2 million ounces** at the **100% owned** Okvau deposit

Corporate Snapshot

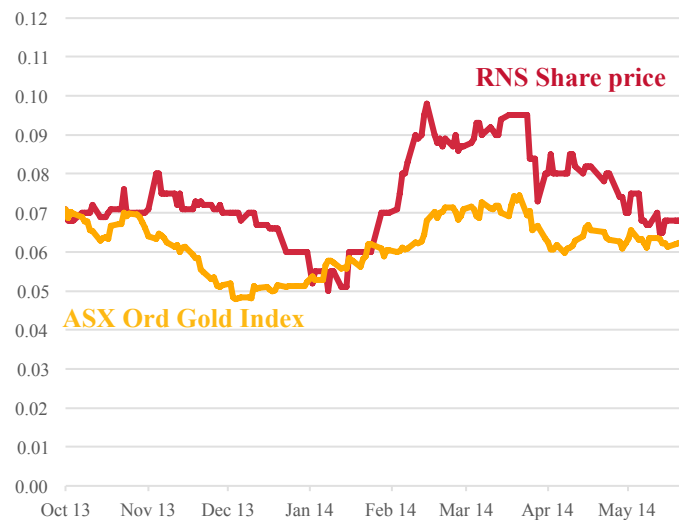


Capital Structure (ASX:RNS)

Proforma Ord Shares on Issue	306M
ITM Options ¹	-
Current Share Price	A\$0.065
Market Capitalisation (fully diluted)	A\$20M
Cash (31 March 2014)	A\$3M
Debt	Nil
Enterprise Value (fully diluted)	A\$17M

¹ Excludes out-of-the-money options being:
 5.5M exercisable at 10c, (2016/17)
 18.7M exercisable at 25c, 30c & 35c (2015)

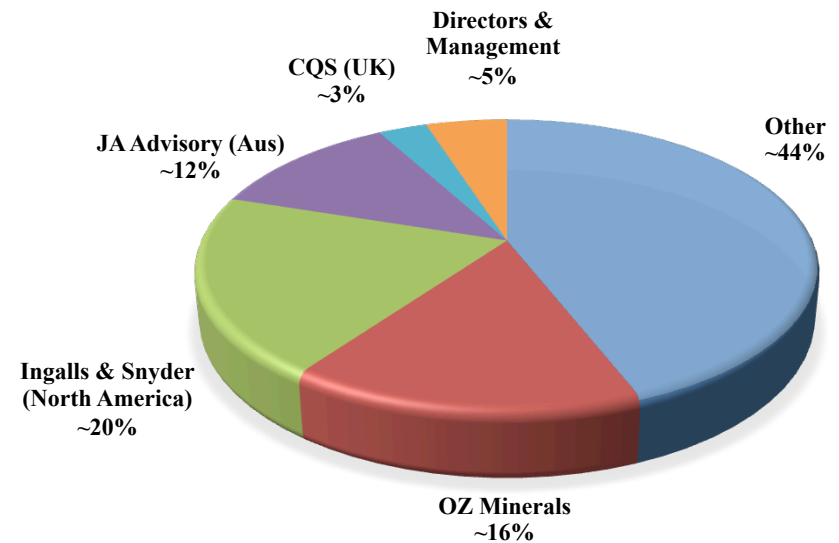
Share Price Performance



ASX : RNS

Shareholder Structure

Top 5 Shareholders 55%
Top 20 Shareholders 70%



Board and Management Team



Alan Campbell
Non-Exec Chairman

- Geologist +30yrs experience
- African, Asian and Australian experience
- Ex- MD of Papillon , Fekola discovery in Mali



Justin Tremain
Managing Director

- Founding director
- 12 years investment banking experience in the natural resources sector
- Ex-NM Rothschild & Sons and Investec Bank)



Dave Kelly
Non-Exec Director

- Geologist
- +20yrs experience in exploration, operations management, mine planning, project evaluation and business development



Nick Franey
Head of Exploration

- Geologist +30yrs exploration experience at grass roots and advanced project level
- Ex - Azumah Resources, Discovery Metals, Oceana Gold and Anglo American



Brett Dunnachie
CFO/Company Secretary

- Chartered Accountant
- Ex-Audit PWC
- Over 10yrs exp. corporate & secretarial experience



Vireak Nouch
Country Manager
Cambodia

- Qualified Petroleum Engineer, Geologist
- 11yrs with Cambodian Ministry of Industry, Mines & Energy
- 5yrs with Renaissance / OZ Minerals in Cambodia



Craig Barker
Exploration Manager

- Geologist +18yrs exploration experience
- 10yrs senior technical and management roles in Australia, Africa, China, Laos and Bulgaria

Cambodia | Frontier Prospective Exploration Terrain

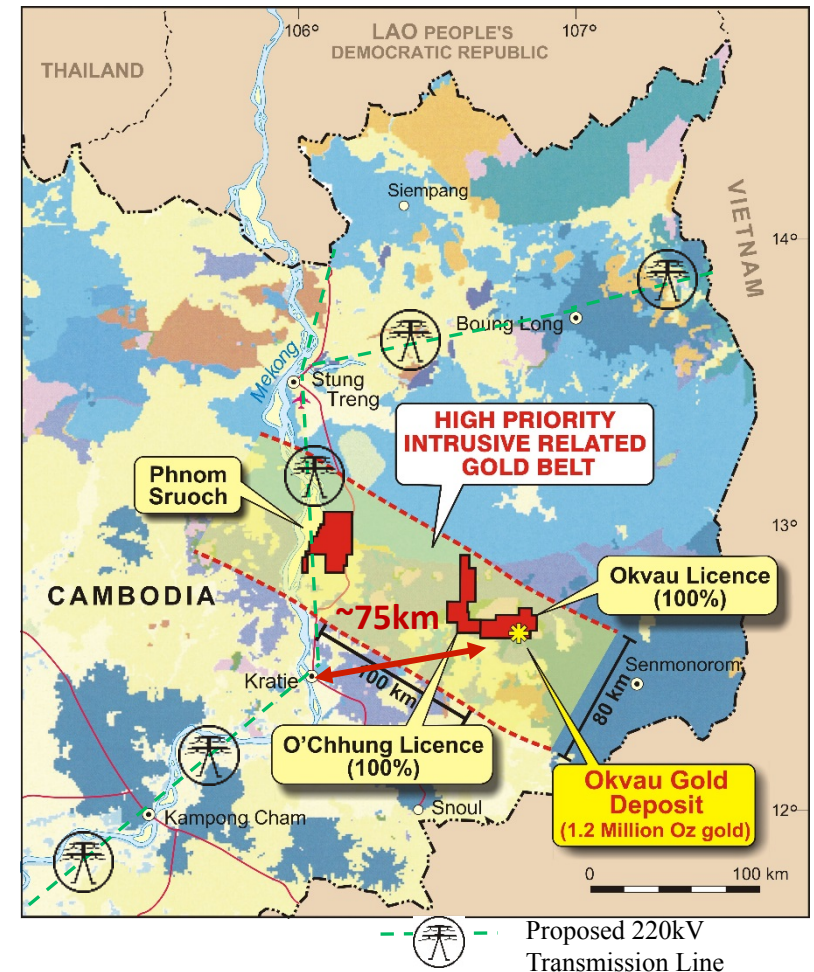
One of last significant unexplored minerals provinces in the World

- Internationally recognised, peaceful **democratic elections**
- **Investment in infrastructure** (hydropower and roads)
- Unexplored and highly prospective
- Growth orientated with mining as a high priority (GDP growth 6-10% pa)
- **Modern mining governance regime modelled on Australia**
- Favourable fiscal regime for mining:
 - **30% corporate tax rate**
 - **2.5% gross revenue royalty**
 - No foreign currency restrictions
 - **No foreign ownership restriction**
- Strong Government support | **‘First Mover Advantage’**

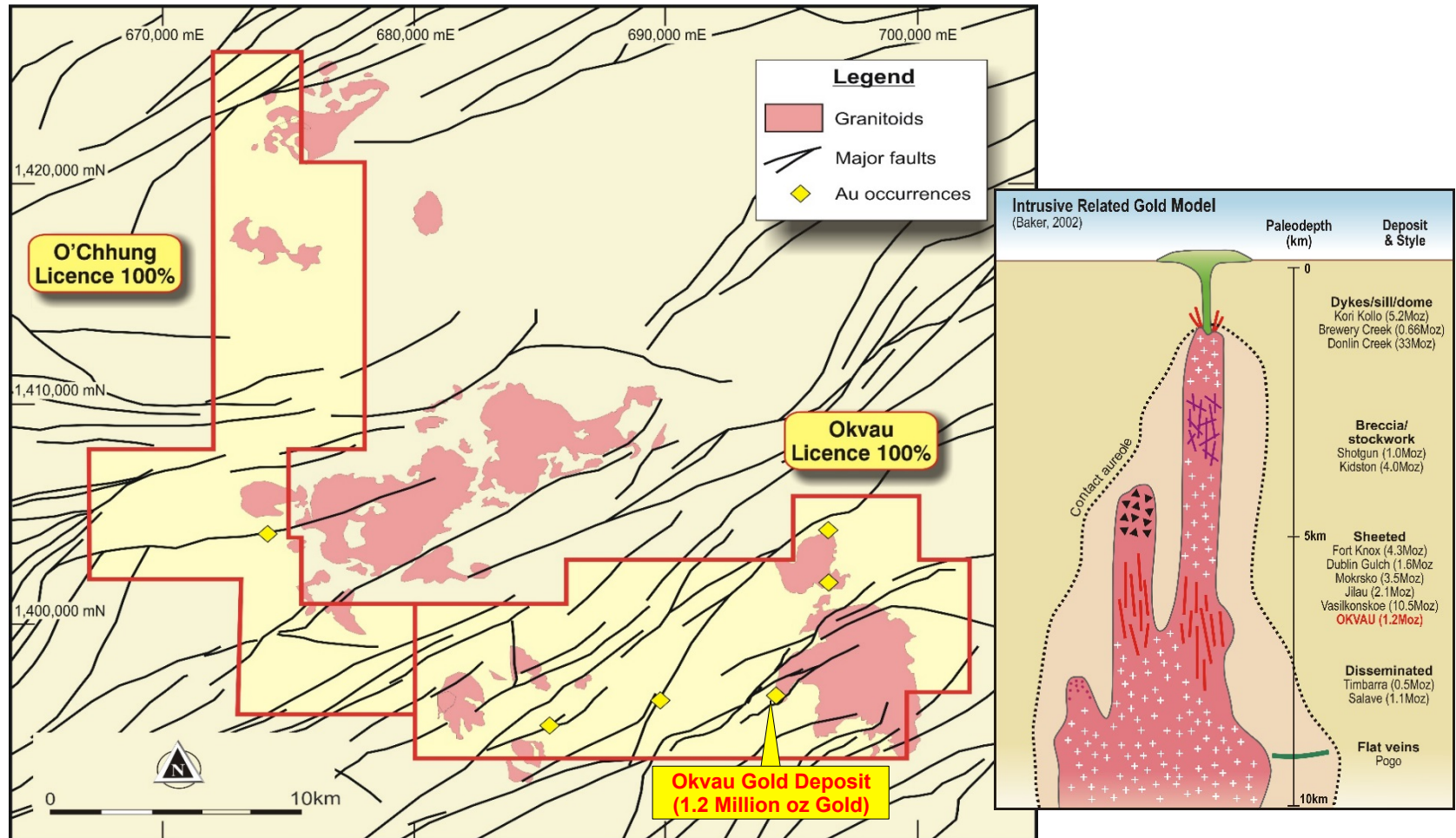


Project Overview | 100% Ownership

- Over 800km² of prospective virgin terrain
- **100% direct ownership** of Okvau and O'Chhung licences covering 400km²
- **Sparsely populated** eastern region
- **No land conflict issues** (villages, towns, timber plantations, crops)
- Infrastructure attributes:
 - Access
 - Easy topography (flat and reasonably open)
 - Water (all year river and ~1,500mm annual rainfall)
 - Hydropower (nearby 400MW hydropower project under development)



Project Geology | New Intrusive Related Gold Province



Geologically and geochemically analogous with the Tintina Belt (Alaska-Yukon):

- Donlin Creek >30Moz
- Fort Knox >4Moz
- Pogo >6Moz
- Livengood >20Moz

Okvau Resource - 2.4g/t | 1.2 Million Ozs and Growing

- Independent JORC estimate on drilling data to March 2013
- Entire 'open pit' resource categorised as 'Indicated'

0.65g/t Cut-Off | 1.2Moz at 2.4g/t gold
1.00g/t Cut-Off | 1.1Moz at 2.7g/t gold

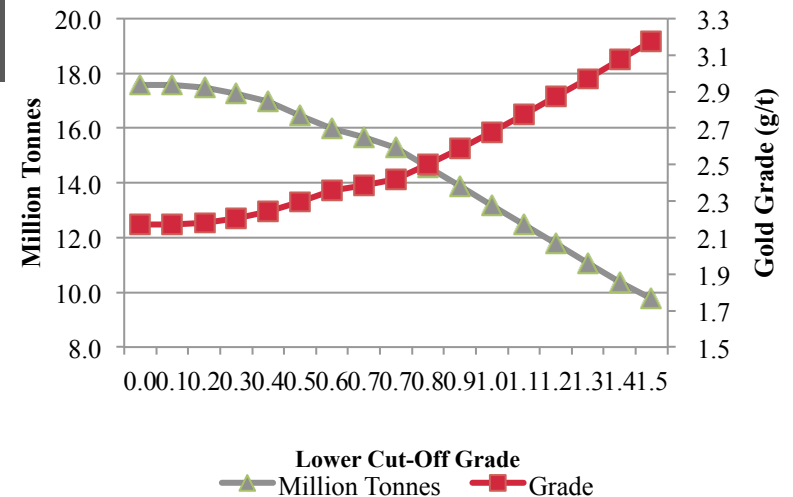
March 2013 JORC Resource (0.65g/t gold cut-off)			
Resource Classification	Tonnage (Mt)	Grade Au (g/t)	Gold (Moz)
Indicated	15.2	2.3	1.11
Inferred	0.5	5.9	0.09
Total	15.6	2.4	1.20

Resource Estimate at Various Cut-Offs			
Cut-Off Grade (g/t)	Tonnage (Mt)	Grade Au (g/t)	Gold (Moz)
0.5	16.5	2.3	1.22
0.65	15.7	2.4	1.20
1.0	13.2	2.7	1.14
1.5	9.8	3.2	1.0

Notes:

- The resource is reported at a lower cut-off grade of 0.65g/t gold to approximately 300 metres vertical depth (-150mRL)
- The resource is reported at a zero lower cut-off beneath 300 metres vertical depth (-150mRL) as the volume of this component was already restricted to a 2.0g/t gold grade shell and this material is more likely to be extracted by underground mining

Grade and Tonnage Curve

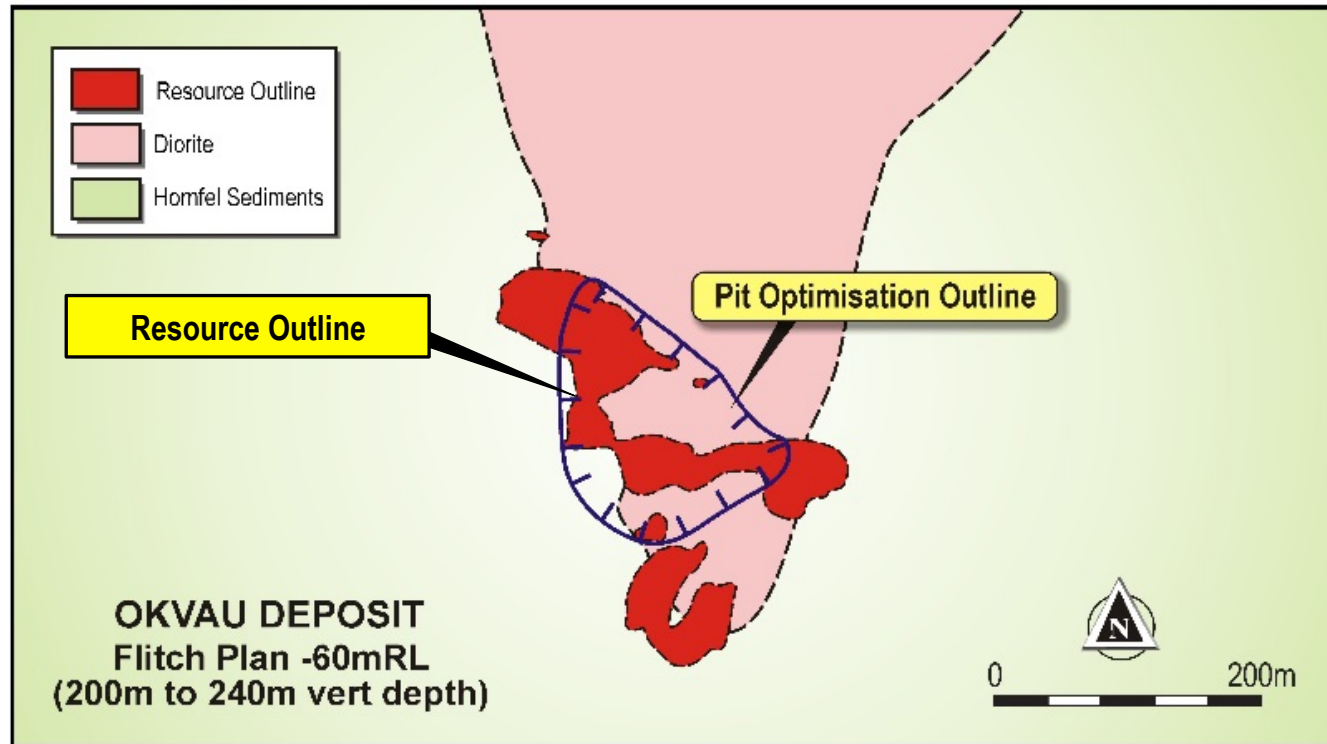




Resource Grade Shell (> 0.4g/t Au)



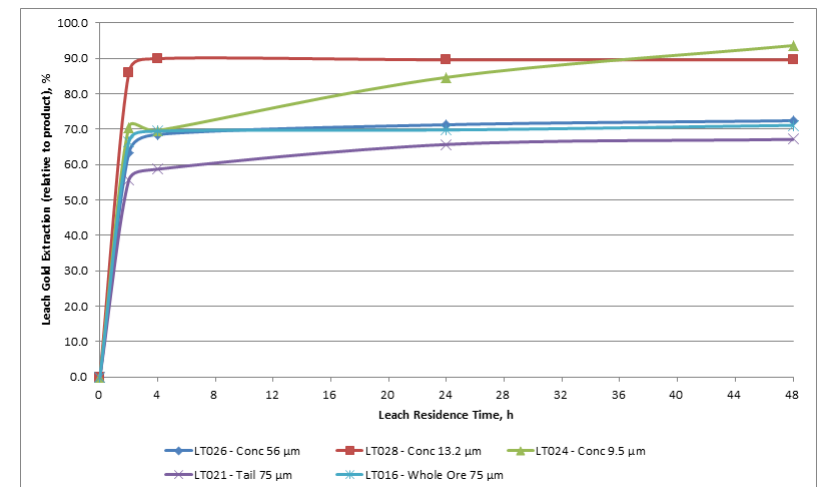
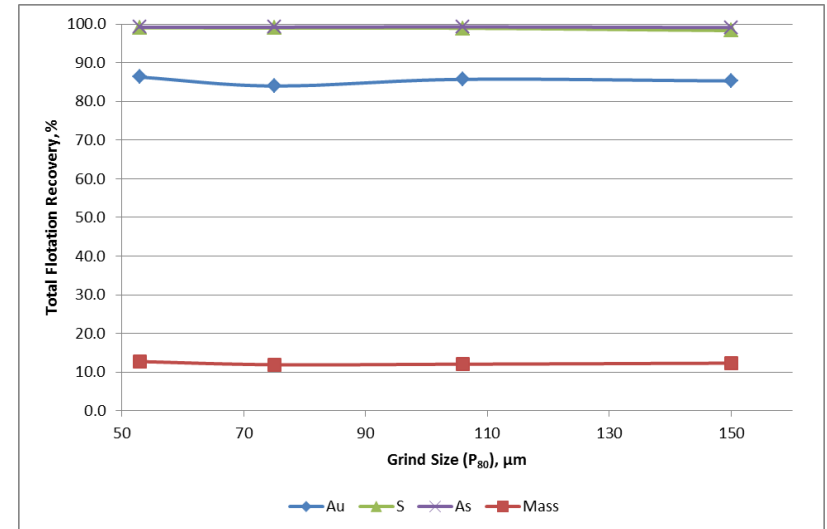
Okvau Deposit | High Value Open Pit Ounces



- **90% of Indicated ounces contained from surface to 220 metres**
- **Majority of resource ounces within pit optimisations with moderate strip ratio**

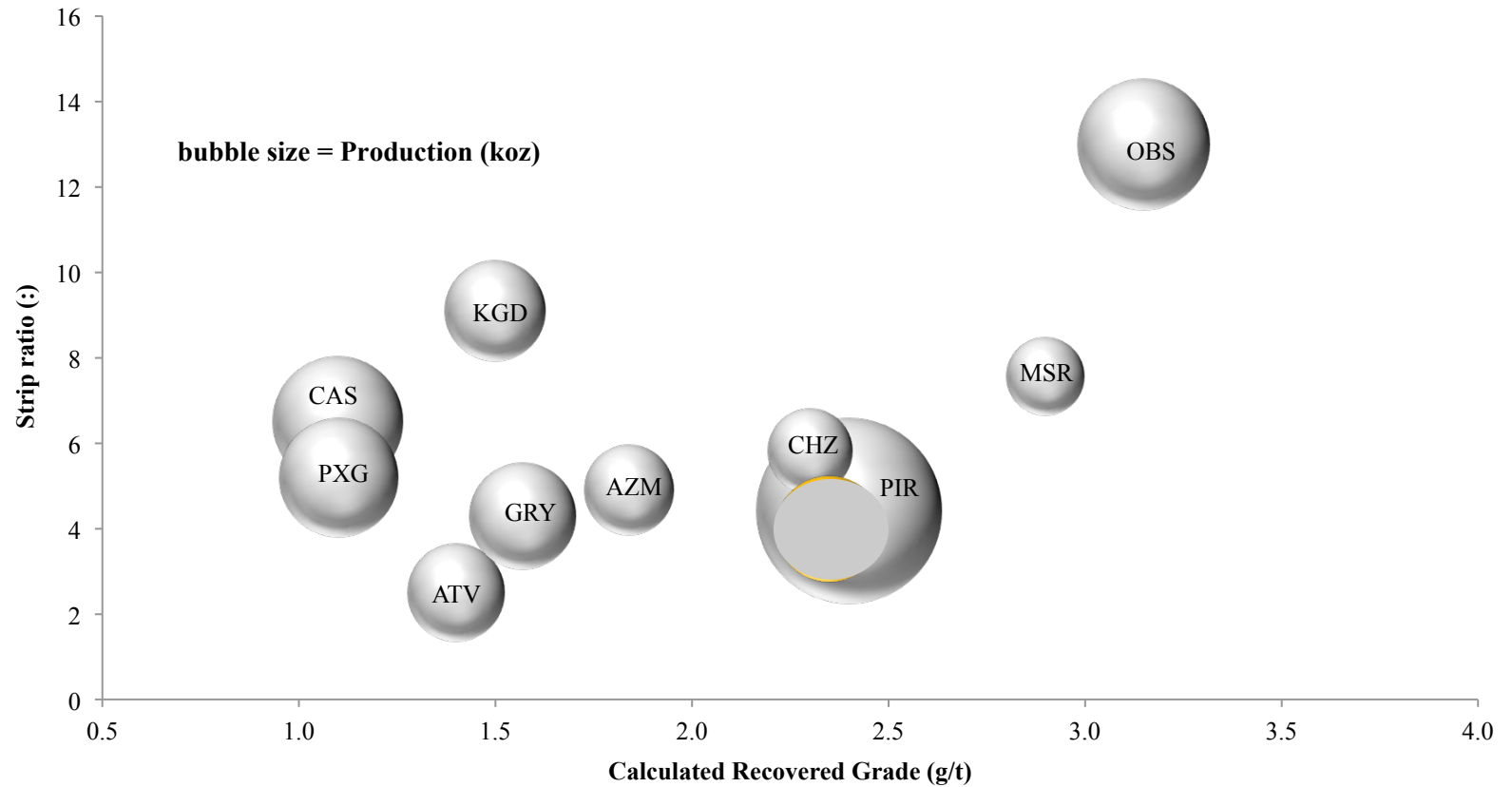
Okvau Deposit | Metallurgy

- **Overall gold recoveries of 88-90% with no oxidation**
- Two stage conceptual flow sheet:
 - Coarse primary grind (>150 μ m) and sulphide flotation
 - Low mass pull (~10%), high grade concentrate
 - Fine regrind of concentrate
 - Conventional cyanide leaching of reground concentrate
- **Extremely rapid leach kinetics (3-4 hours)**
- Scope for further optimisation of metallurgical performance



Peer Comparison | Recoverable Grade & Strip Ratio

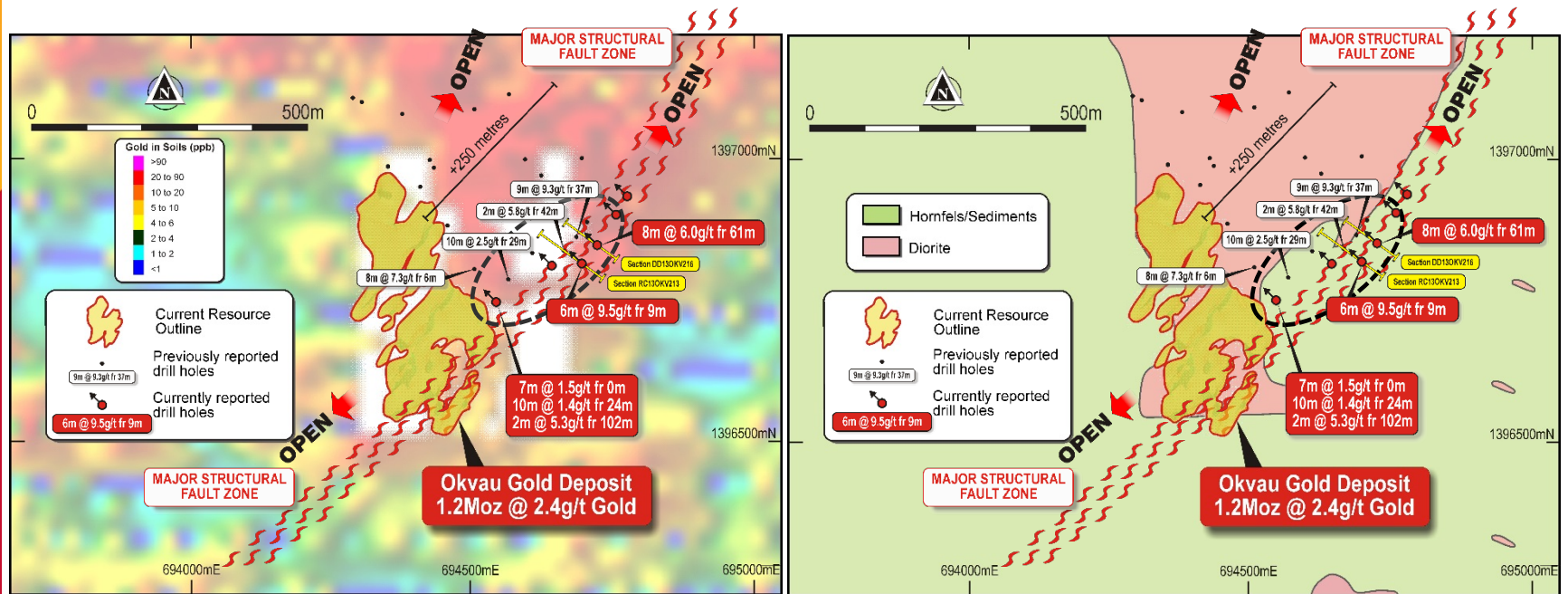
- Economic drivers - high recoverable grade; low strip; single deposit



Source: Argonaut Securities, Company announcements

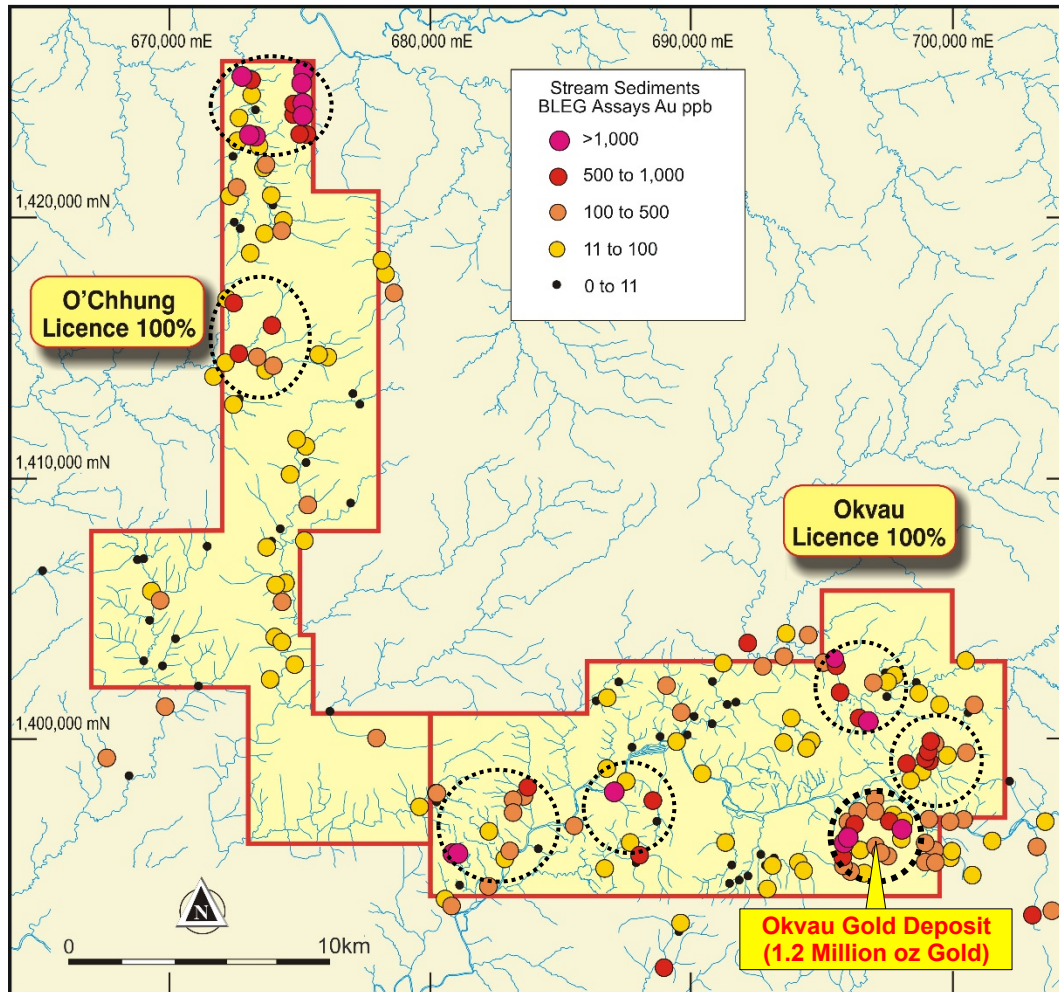
¹ Based on expected gold recovery and waste:ore ratio

Okvau Deposit | Drilling Confirms Extensions



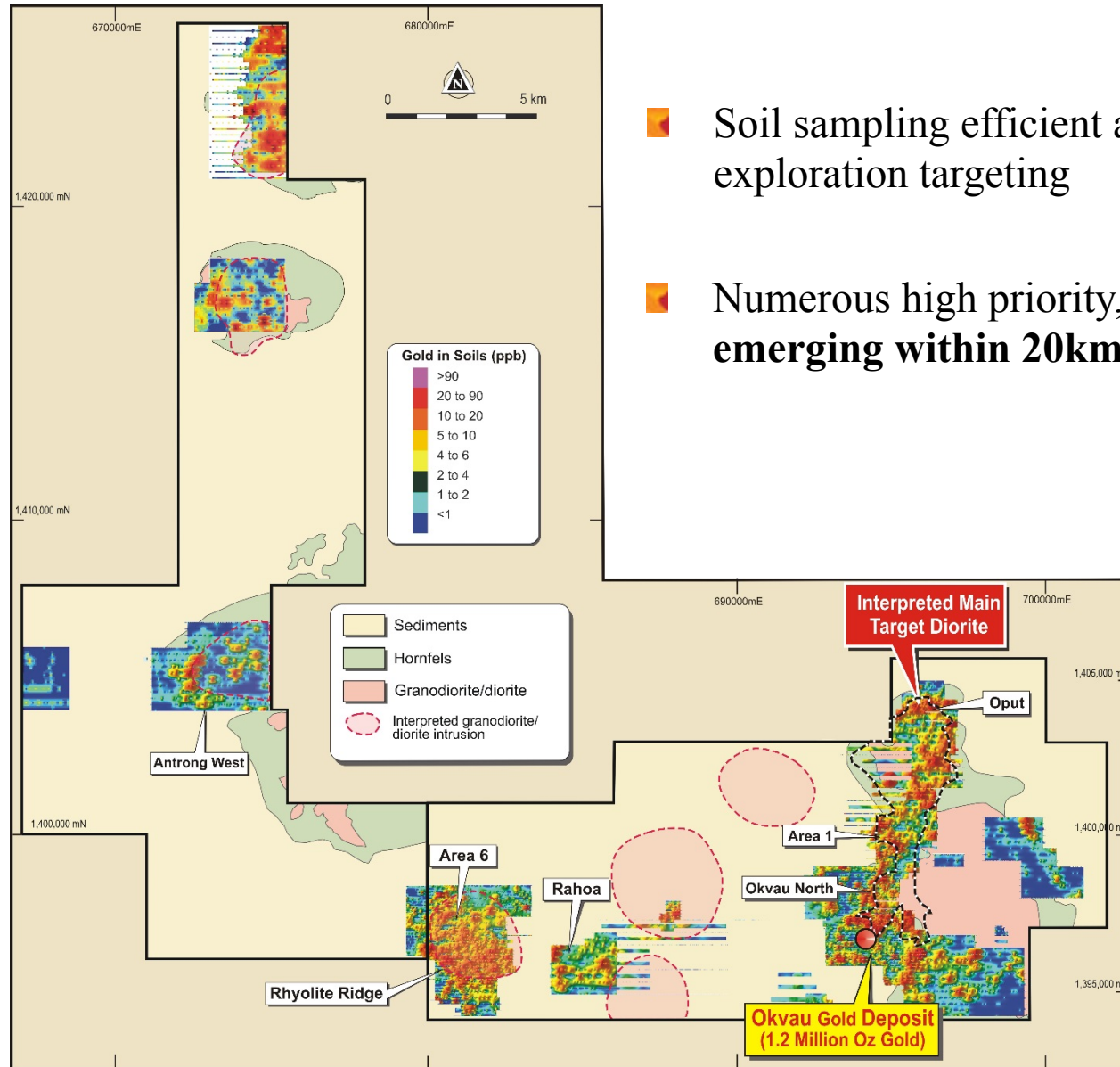
- North-east strike extension along prospective diorite-sediments contact
- Recent results from extensional drilling +250 metres outside resource envelope include:
 - 6m @ 9.5g/t gold from 9m
 - 8m @ 6.0g/t gold from 61m
 - 8m @ 7.3g/t gold from 6m
 - 9m @ 9.3g/t gold from 37m
 - 10m @ 2.5g/t gold from 29m
- Drilling now

Regional Prospectivity | Highly Anomalous Catchments



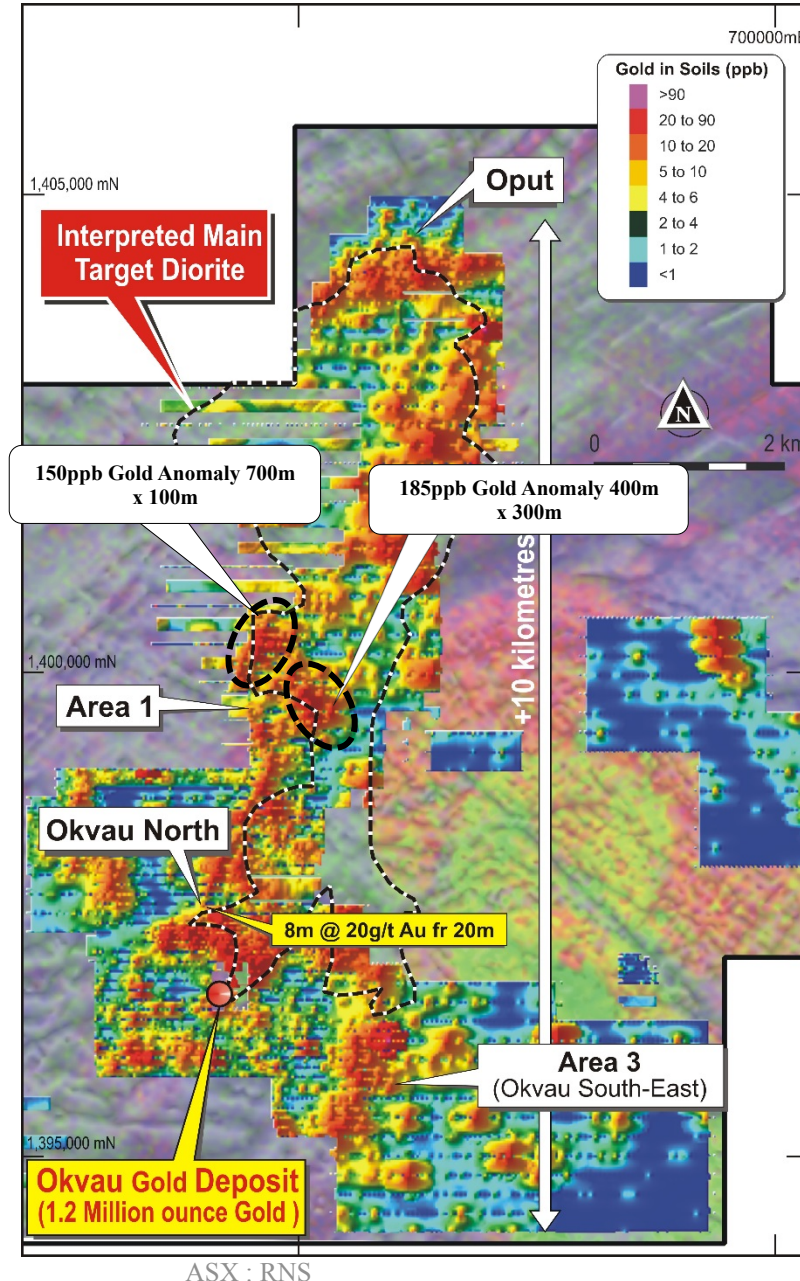
- **400km² of unexplored terrain**
- First prospect drilled was Okvau which is a +1Moz discovery
- Numerous catchment areas with highly anomalous gold in streams (BLEG)
- Ongoing follow up surface geochemistry

Okvau Regional | High Likelihood of New Discoveries



- Soil sampling efficient and effective for exploration targeting
- Numerous high priority, **untested targets** emerging within 20km of Okvau Deposit

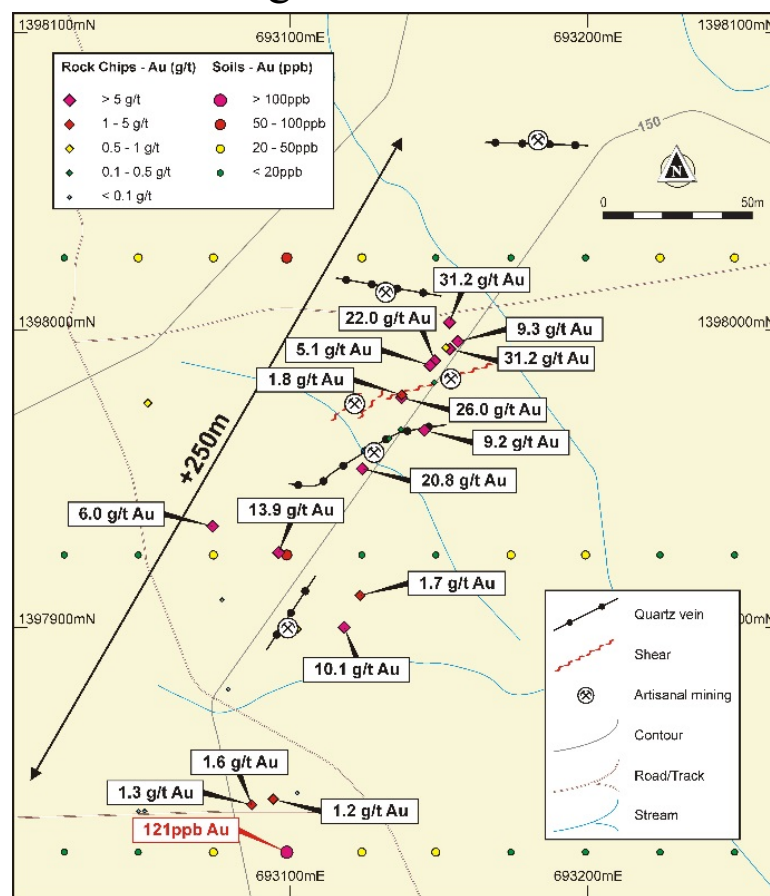
Okvau Northern Corridor | Focused Exploration



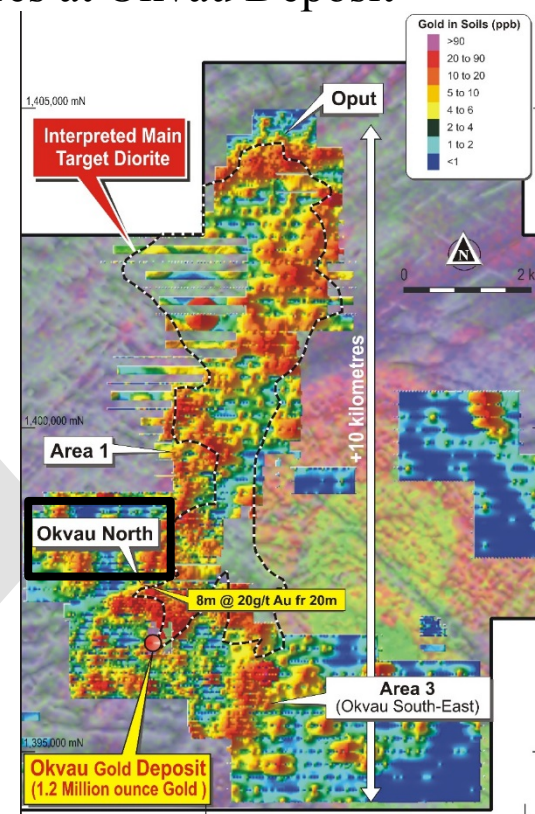
- **10 kilometre prospective gold anomaly**
- Supported by critical multi-elements (Bi, As, Te)
- Reconnaissance drilling intersections at Okvau North prospect include:
 - **9m @ 6.6g/t Au from 0m**
 - **8m @ 20g/t Au from 20m**
- Potential for 'Okvau style' repetitions
- **Large mineralised system - multi million ounce potential**

Okvau Northern Corridor | Multiple Targets

- Extensive surface mineralisation over broad zones
- High grade rock chips include: 31g/t, 26g/t, 21g/t, 14g/t & 10g/t gold
- Coincidental with anomalous bismuth, tellurium and arsenic
- North-east trending structures similar to host structures at Okvau Deposit

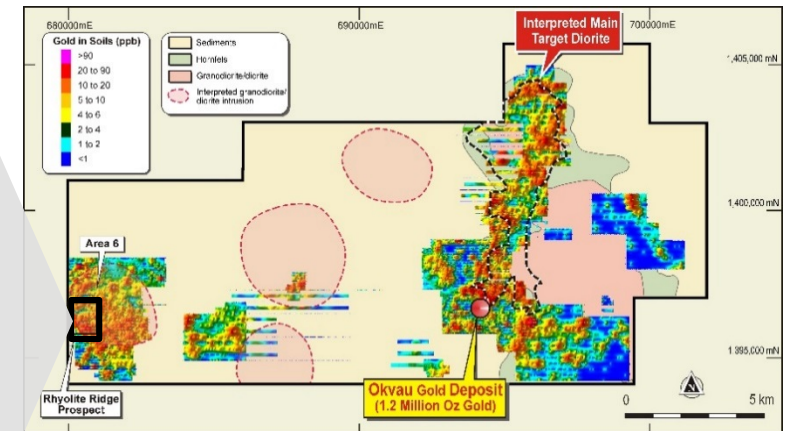
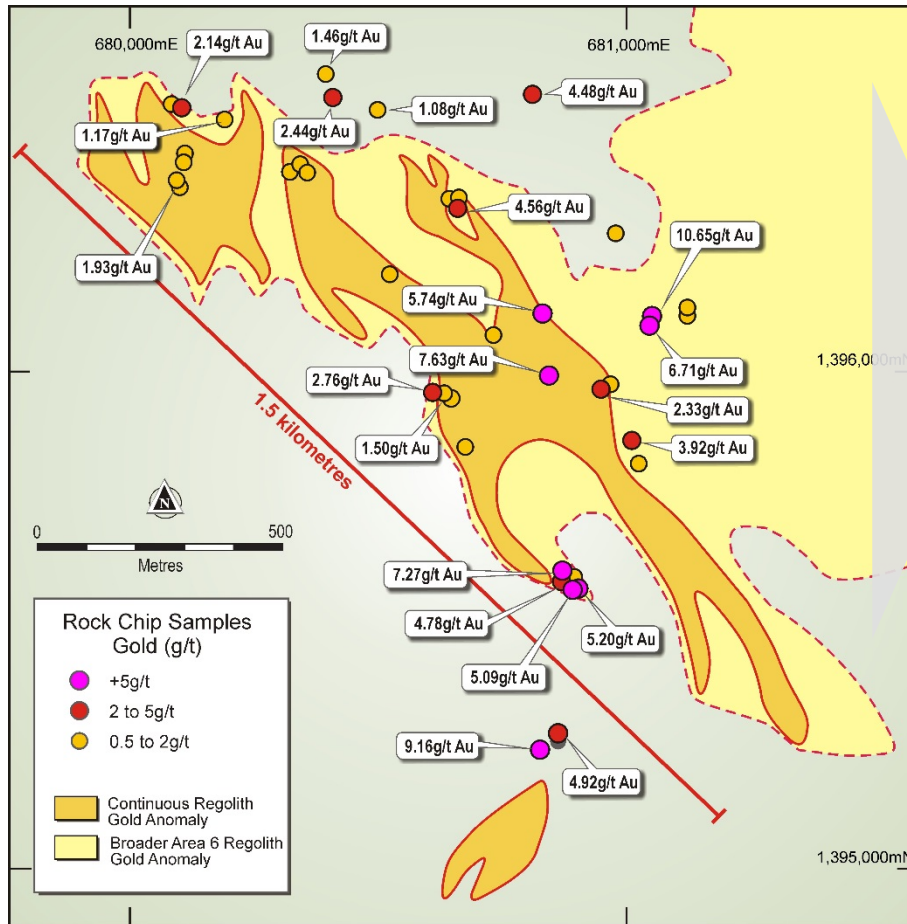


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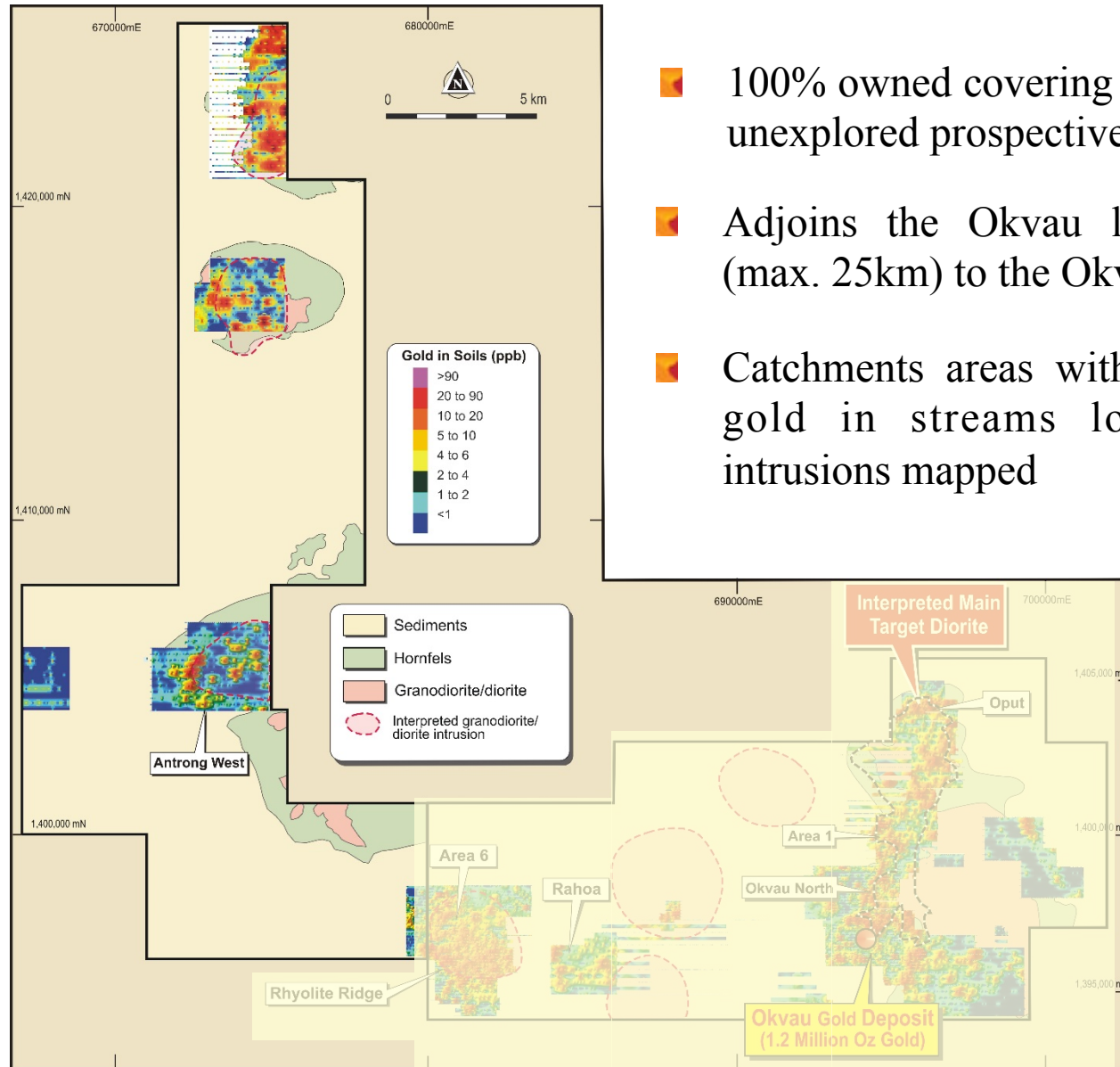
www.renaissanceminerals.com.au

Area 6 | Rhyolite Ridge Prospect



- **Significant 12km² geochemical anomaly** over a buried intrusive body
- **Numerous high priority geochemical and structural targets** to be tested
- **1.5km coherent gold anomaly** at Rhyolite Ridge coincidental with Bi, Te, As
- Anomaly trends parallel to NW structures that have elevated chargeability (IP)
- >200 rock chips averaging over 1.5g/t gold and up 10.7g/t gold

Regional Exploration | O'Chhung Exploration Licence

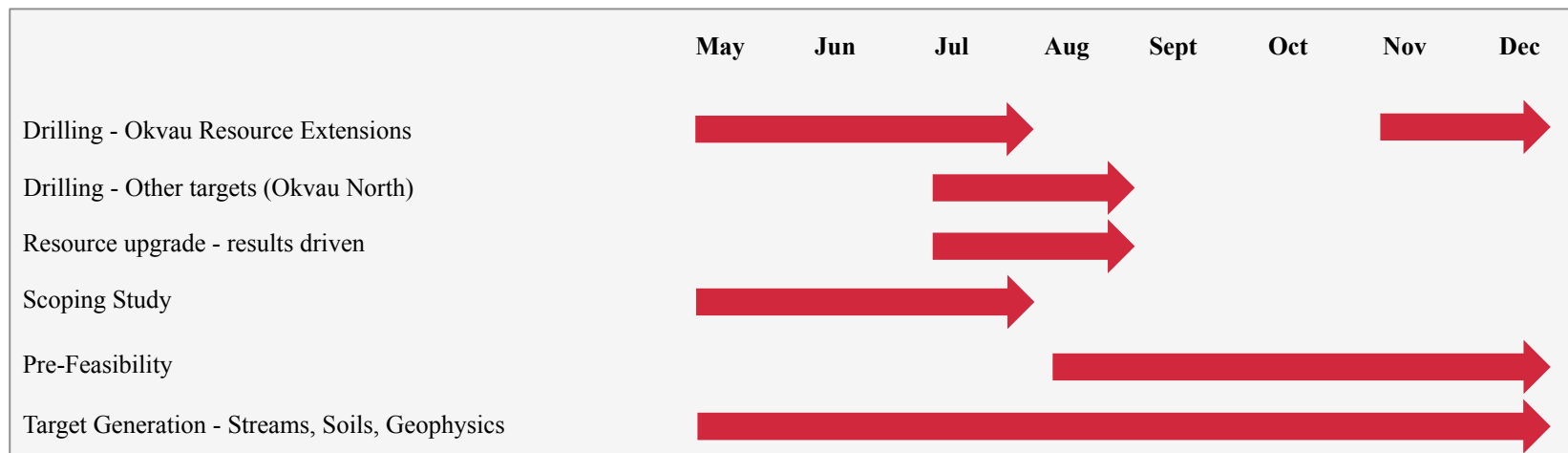


- 100% owned covering a further 200km² of unexplored prospective terrain
- Adjoins the Okvau licence - proximity (max. 25km) to the Okvau Deposit
- Catchments areas with highly anomalous gold in streams located on known intrusions mapped

- Promising soil targets
- Extensive local artisanal mining activity

Investment Proposition | Catalysts

- **New frontier** of unexplored virgin terrain
- **Drilling confirms Okvau growth beyond the current 1.2Moz gold resource estimate**
- Continue to grow resource inventory and targeting **new discoveries**
- **Active work program (drilling underway):**



- Attractive valuation of **\$15 per resource ounce** (high grade / low strip / high conversion to in-pit ounces)
- Experienced in-country team with first mover **government relationship**