



High Grade Gold Project in Frontier Terrain Cambodia



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

July 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.

Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. They are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors many of which are beyond the control of Renaissance Minerals Limited. The forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved.

Renaissance Minerals Limited does not make any representations and provides no warranties concerning the accuracy of the projections, and disclaims any obligation to update or revise any forward looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws.

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

Cambodia 'New Frontier'

- **First mover advantage** in an emerging democratic country
- Strong Government support | Favourable fiscal and mining regime



High Grade Gold with Scale

- Significant discovery of the **100% owned Okvau deposit**
- JORC resource estimate of 15.6Mt at **2.4g/t** gold for **1.2 million ounces**¹
- Mineralisation from surface and mineable via a single open pit
- Potential for low strip ratio enhances project economics



Strong Exploration Potential

- Okvau remains '**open**' at depth and along strike | strong potential for further resource growth
- **400km²** of unexplored tenure with geology prospective for intrusive related gold deposits
- Multiple drill ready, high priority **untested targets** within close proximity to Okvau deposit
- New '**Intrusive Related Gold Province**'

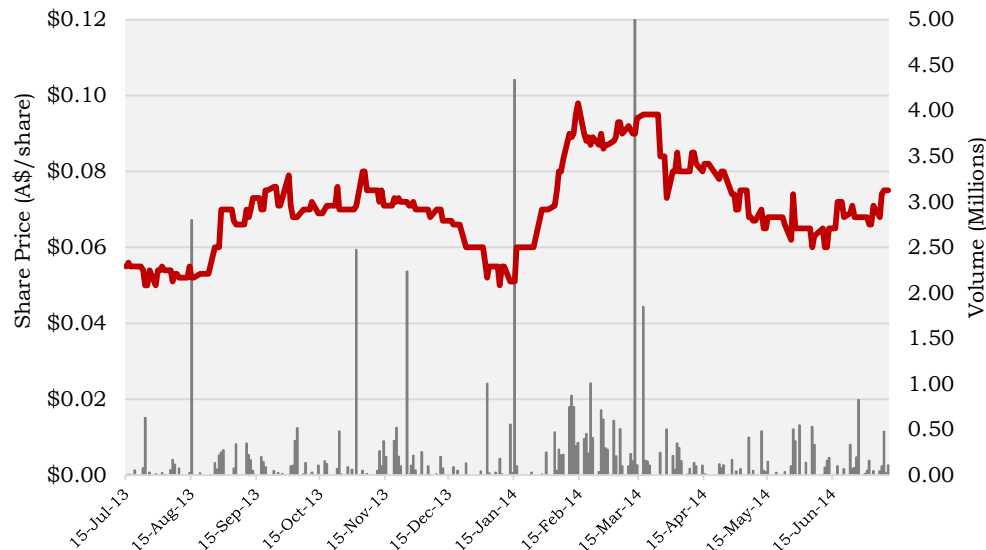
¹ Refer Slide 10 and ASX announcement dated 8 March 2013

Corporate Snapshot

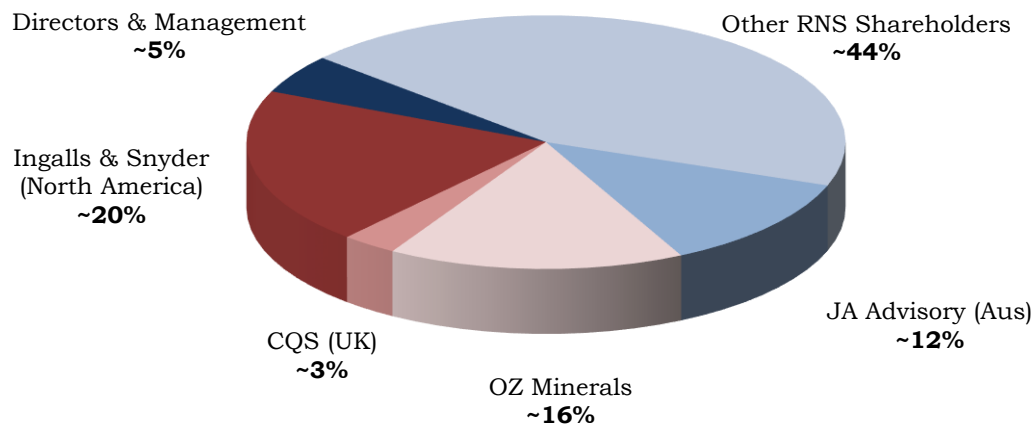
Capital Structure (ASX:RNS)

Share Price	A\$0.07
Shares on Issue	306.6M
Options (<i>Ave Ex Price 24.7 cents</i>)	24.3M
Market Cap (diluted)	A\$21.5M
Cash (<i>30 June 2014</i>)	A\$1.5M
Debt	Nil ¹
Enterprise Value (diluted)	A\$20.0M

RNS - Share Price Performance



Shareholder Structure



Top 5 Shareholders	55%
Top 20 Shareholders	70%

¹ Deferred milestone payments to OZ Minerals of US\$10M at 'Decision to Mine' by RNS Board and US\$12.5M 6 months after first gold pour

Board and Management Team

Board

	Alan Campbell Non-Exec Chairman	<ul style="list-style-type: none"> Geologist +30yrs experience African, Asian and Australian experience Ex- MD of Papillon, Fekola discovery in Mali
	Justin Tremain Managing Director	<ul style="list-style-type: none"> Founding director 12 years investment banking experience in the natural resources sector Ex-NM Rothschild & Sons and Investec Bank
	Dave Kelly Non-Exec Director	<ul style="list-style-type: none"> Geologist +20yrs experience in exploration, operations management, mine planning, project evaluation and business development

Management

	Brett Dunnachie CFO/ Company Secretary	<ul style="list-style-type: none"> Chartered Accountant Ex-Audit PWC Over 10yrs exp. corporate & secretarial experience
	Nick Franey Head of Exploration	<ul style="list-style-type: none"> Geologist +30yrs exploration experience at grass roots and advanced project level Ex - Azumah Resources, Discovery Metals, Oceana Gold and Anglo American
	Vireak Nouch Country Manager Cambodia	<ul style="list-style-type: none"> Qualified Petroleum Engineer, Geologist 11yrs with Cambodian Ministry of Mines & Energy 6yrs with Renaissance / OZ Minerals in Cambodia
	Craig Barker Exploration Manager Cambodia	<ul style="list-style-type: none"> 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 significantly underexplored minerals provinces in the World

- Underexplored and highly prospective
- Growth orientated regime (GDP growth 6-10% pa)
- High priority placed on developing a mining industry
- **Strong investment in infrastructure** (hydropower and roads)
- **Modern mining governance regime modelled on Western Australian mining code**
- Internationally recognised, peaceful **democratic elections**
- Favourable fiscal regime for mining:
 - **30% corporate tax rate**
 - **2.5% gross revenue royalty**
 - **No foreign ownership restriction**
 - **No free carried Govt. participation**

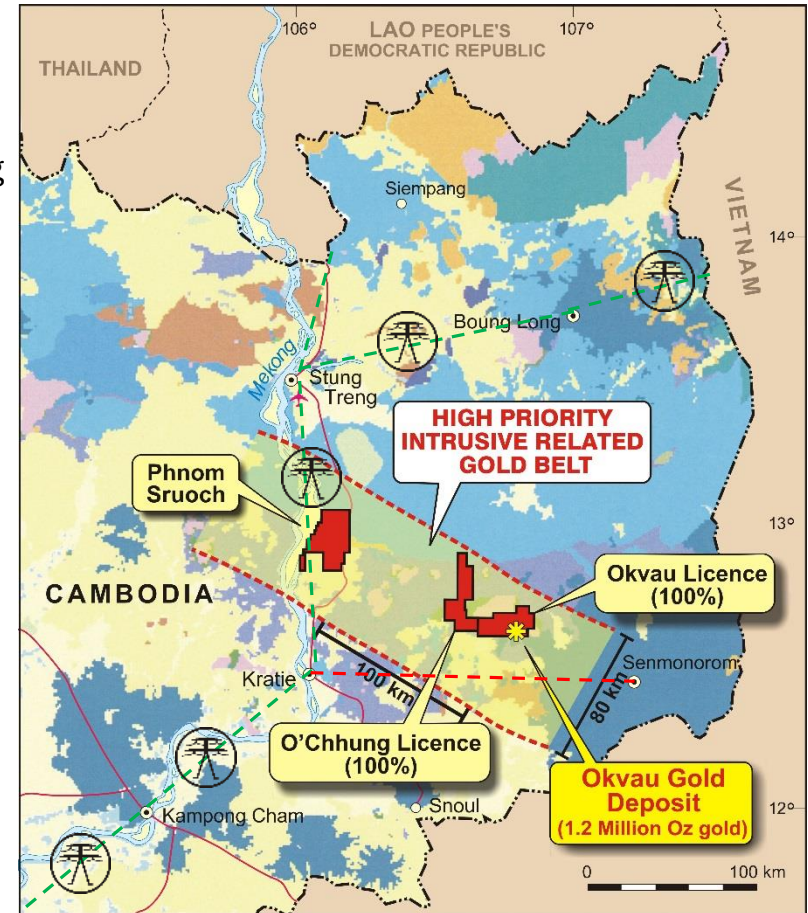


Project Overview

100% Ownership

First mover advantage in highly prospective province

- Priority land position in a highly prospective underexplored, emerging gold district
- **100% direct ownership** of Okvau and O'Chhung licences covering 400km²
- **First mover advantage:** Strong government support
- **Sparsely populated - no land conflict issues** (no villages, towns, timber plantations, crops)
- Infrastructure attributes:
 - Access
 - Easy topography (flat and reasonably open)
 - Power (hydropower)
 - Water (all year river and ~1,500mm annual rainfall)
- **Grid power available at US12 - 13 cents /kWh**

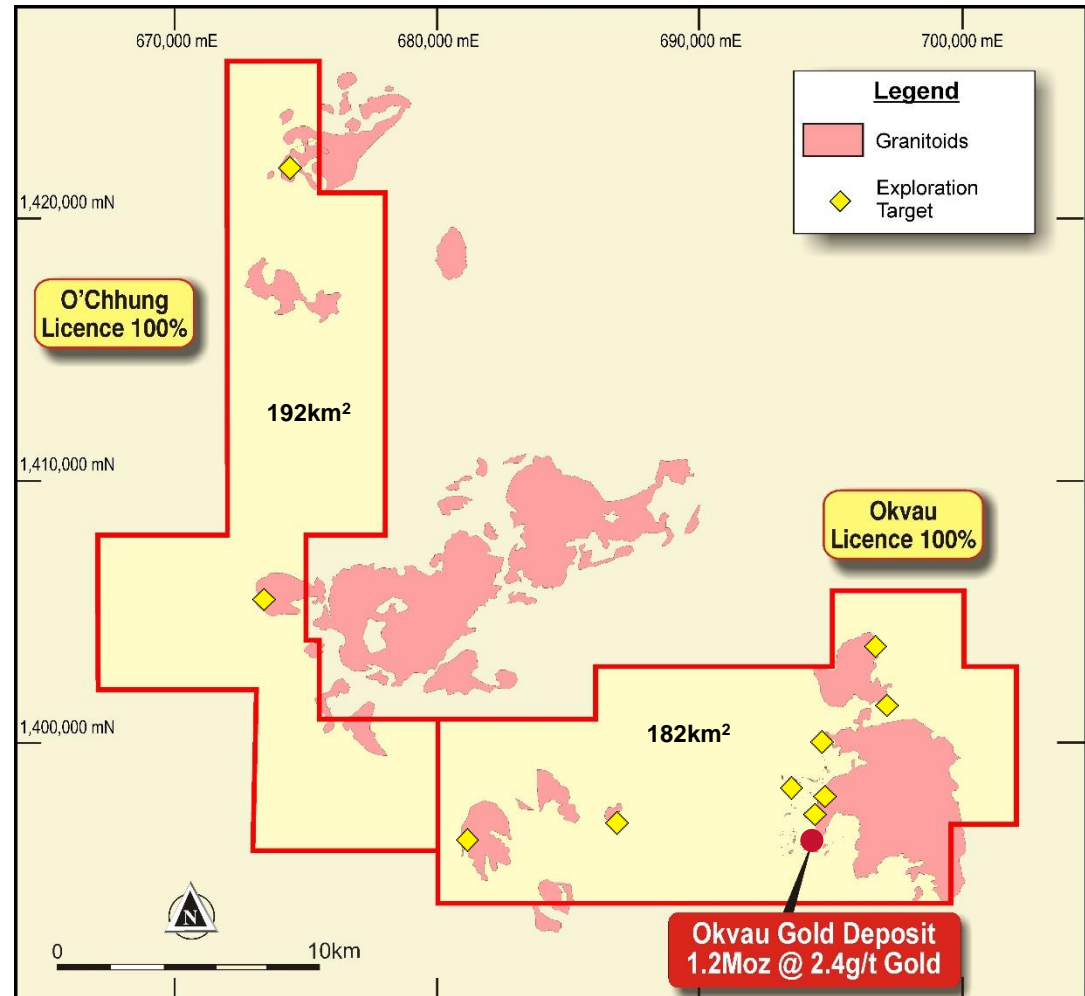


- Proposed 230kV Transmission Line (2016/2017)
- Planned 115kV Transmission Line

Project Geology

New Intrusive Related Gold Province

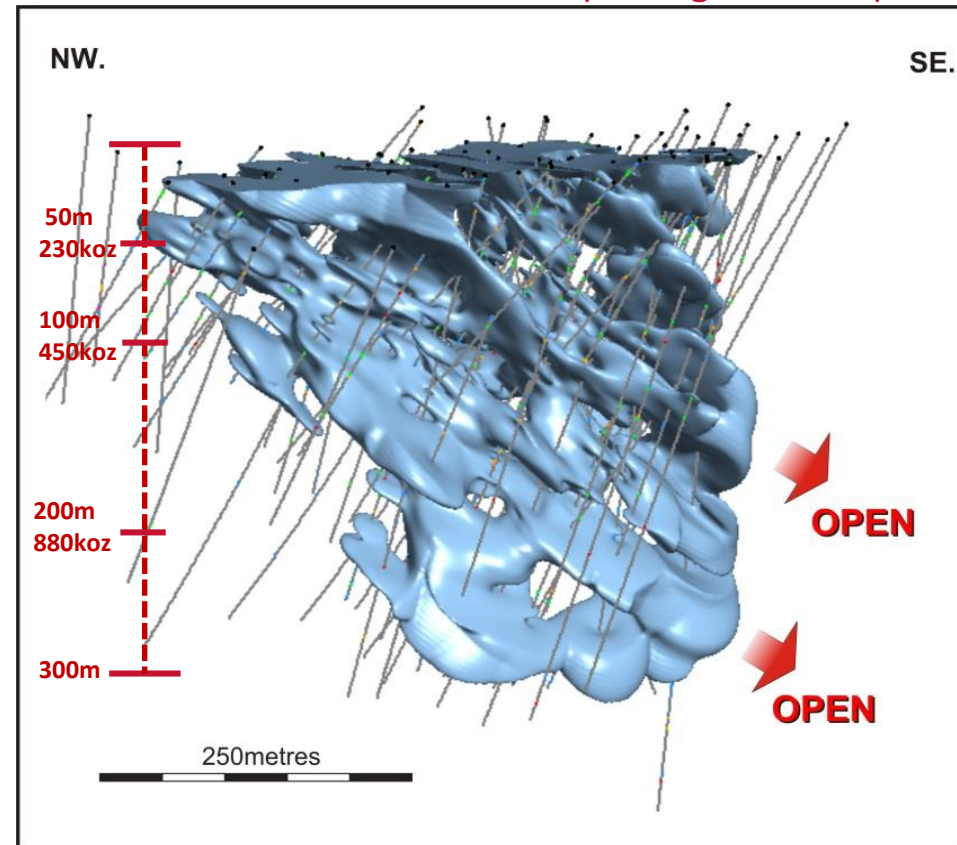
- Cretaceous age (100Ma) granitoid intrusions
- Gold occurrences have direct associations with granitoid intrusions
- Classic Intrusive Related Gold geochemical signatures (gold, arsenic, bismuth, tellurium)
- **Strong geological analogue to the large IRG deposits in the Tintina Belt (Alaska-Yukon):**
 - **Donlin Creek >30Moz**
 - **Fort Knox >4Moz**
 - **Pogo >6Moz**
 - **Livengood >20Moz**



Okvau Deposit High Quality Resource

- **90% of Indicated ounces contained from surface to 220 metres**
- Majority of resource ounces within a higher grade open pit shell
 - **4,000oz per vertical metre**
- Historical drilling results include:
 - **32m @ 9.7g/t from 102m**
 - **15m @ 8.5g/t from 135m**
 - **21m @ 7.6g/t from 104m**
 - **22m @ 16g/t from 319m**
- Grade and geometry of resource is key, leads to:
 - **High conversion** of resource ounces
 - **Low strip ratio** mining; and
 - **Low production costs**
- Mineralisation hosted in diorite with shallow weathering profile | good ground conditions for mining

Okvau Resource - Grade Shell (Looking North-East)



Okvau Resource

2.4g/t | 1.2 Million Ozs and Growing

Independent JORC Okvau Resource - 15.6Mt @ 2.4g/t
1.2 Million Ozs¹ and Growing



March 2013 JORC Resource (0.65g/t gold cut-off)

Resource Classification	Tonnage (Mt)	Grade Au (g/t)	Gold (Moz)
Indicated (open pittable)	15.2	2.3	1.11
Inferred	0.5	5.9	0.09
Total	15.6Mt	2.4g/t	1.2Moz

Okvau Resource is robust | Minimal ounces lost as cutoff grade lifts

JORC Resource Estimate at Various Cut-Offs

Cut-Off Grade	Tonnage (Mt)	Grade Au (g/t)	Gold (Moz)
0.50	16.5	2.3	1.22
0.65	15.7	2.4	1.20
1.00	13.2	2.7	1.14
1.50	9.8	3.2	1.00

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

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

¹ Refer ASX announcement dated 8 March 2013

Two stage conceptual flow sheet

Coarse primary grind (150 μ m) and sulphide flotation



Low mass pull (8.5%), high grade concentrate



Fine regrind (~15 μ m) of concentrate



Conventional cyanide leaching



**Gold recoveries of 87-90%
(no oxidation required)**

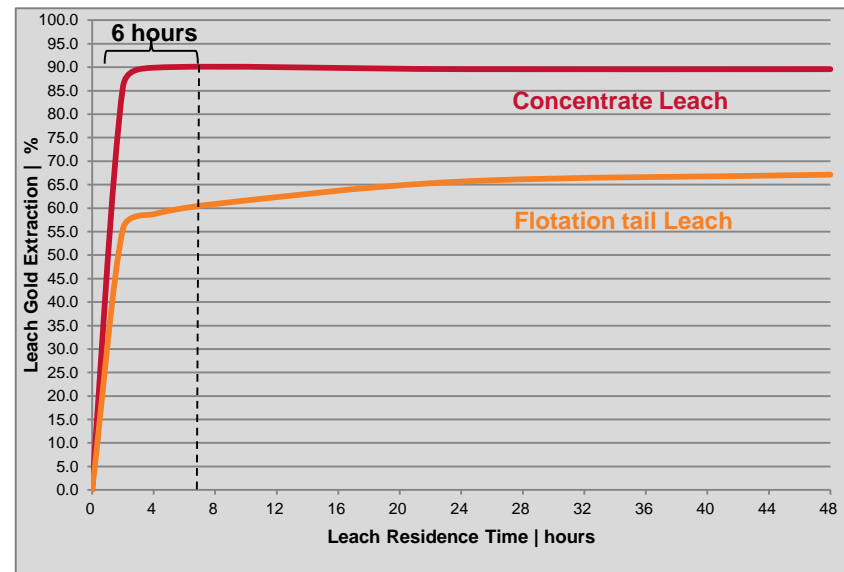
Conventional cyanide leaching

Coarse primary grind

Consistent recoveries across variability samples

Rapid leaching

Leach Kinetics





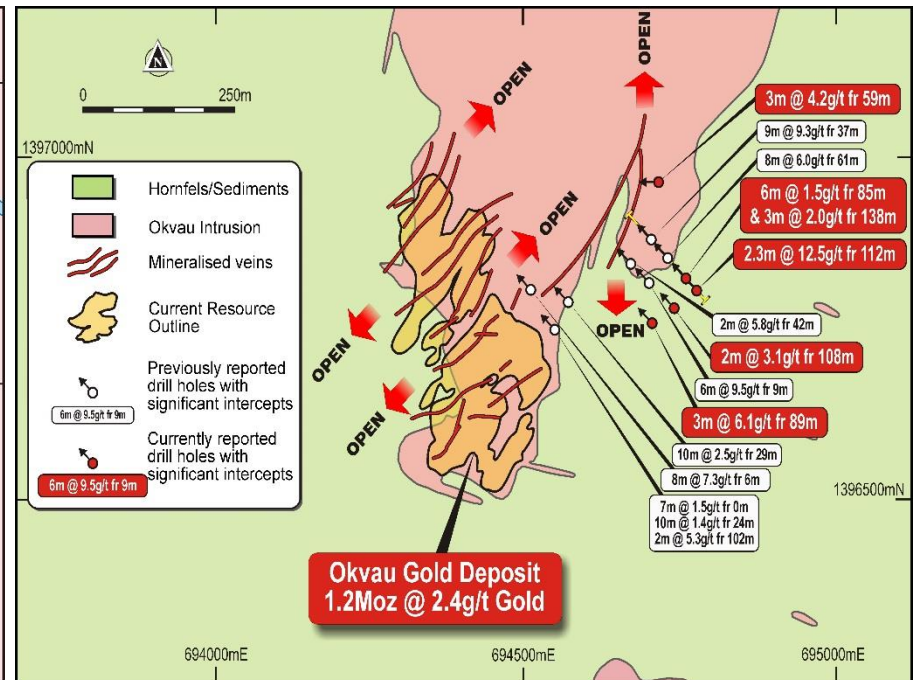
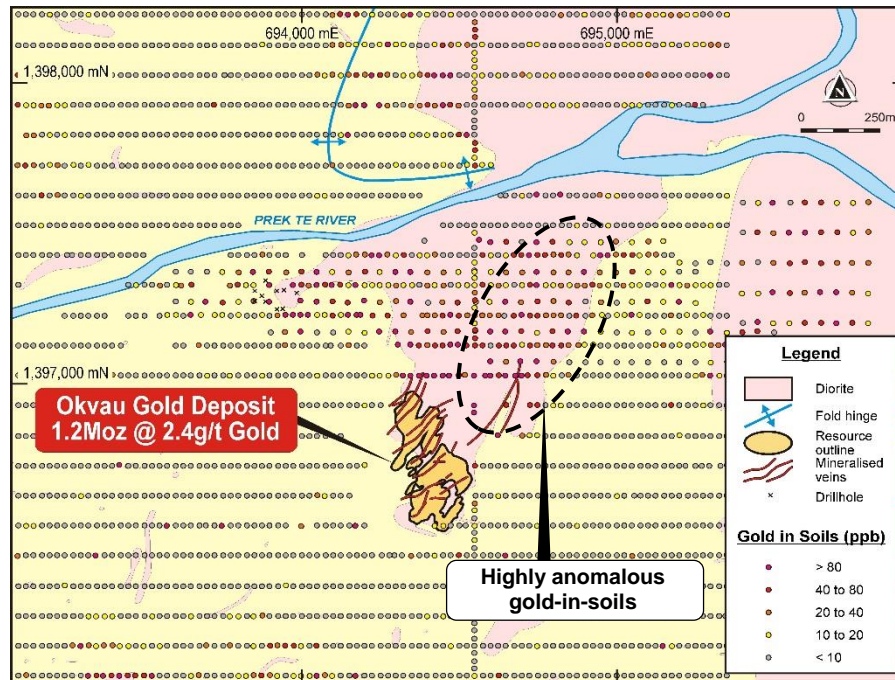
Renaissance
minerals limited

Resource Growth Potential of the Okvau Deposit



Okvau Deposit Drilling Confirms Extensions

- Remains 'open', growth inevitable | significant potential for high grade, shallow extensions
- North-east strike extension of over 250 metres along prospective diorite-sediments contact
- Recent results from extensional drilling outside resource envelope include¹:
 - 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 underway (results pending)**



¹ Refer ASX announcement dated 10 February 2014, 3 April 2013, 23 June 2014 and 21 July 2014



Renaissance
minerals limited

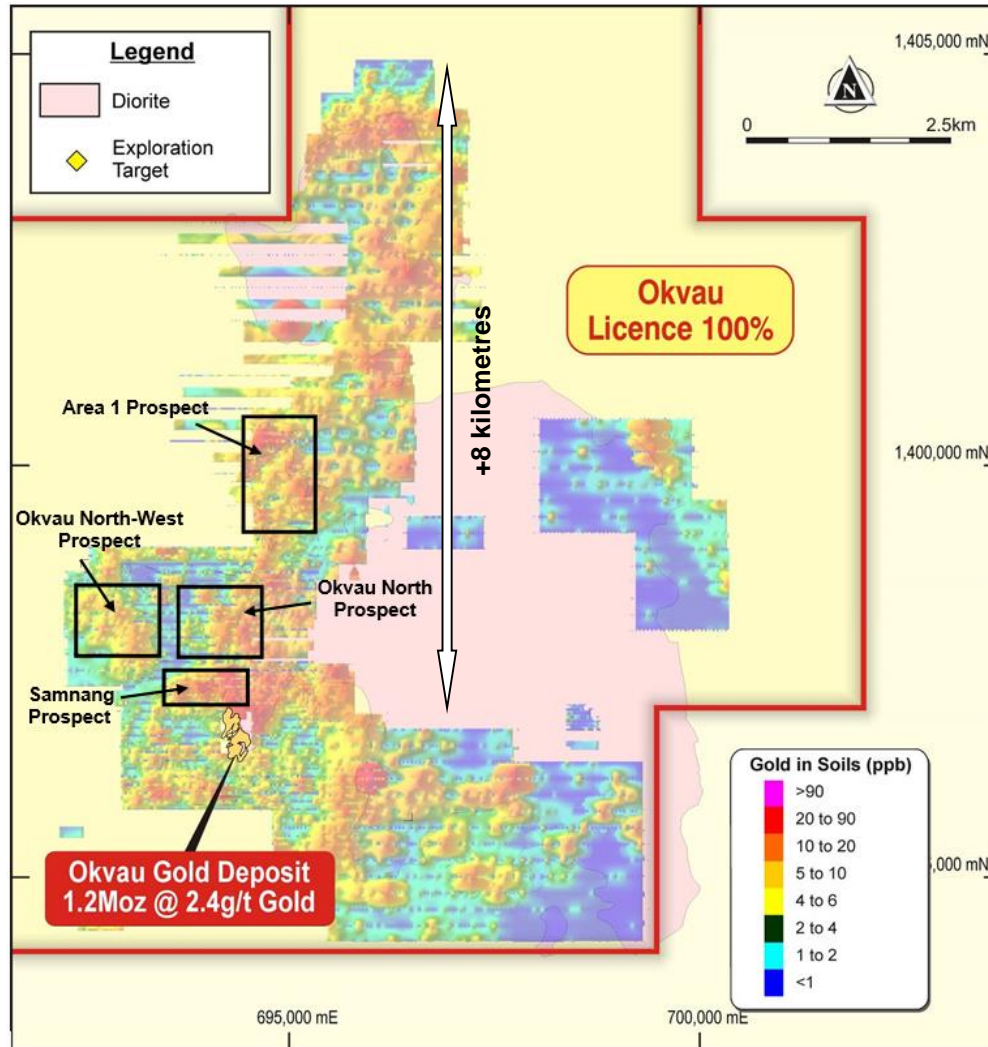
Exploration Potential | Immediate Surrounds to Okvau



Prospectivity Surrounding Okvau

Highly Anomalous Geochemistry

Exploration Targets <5km Okvau

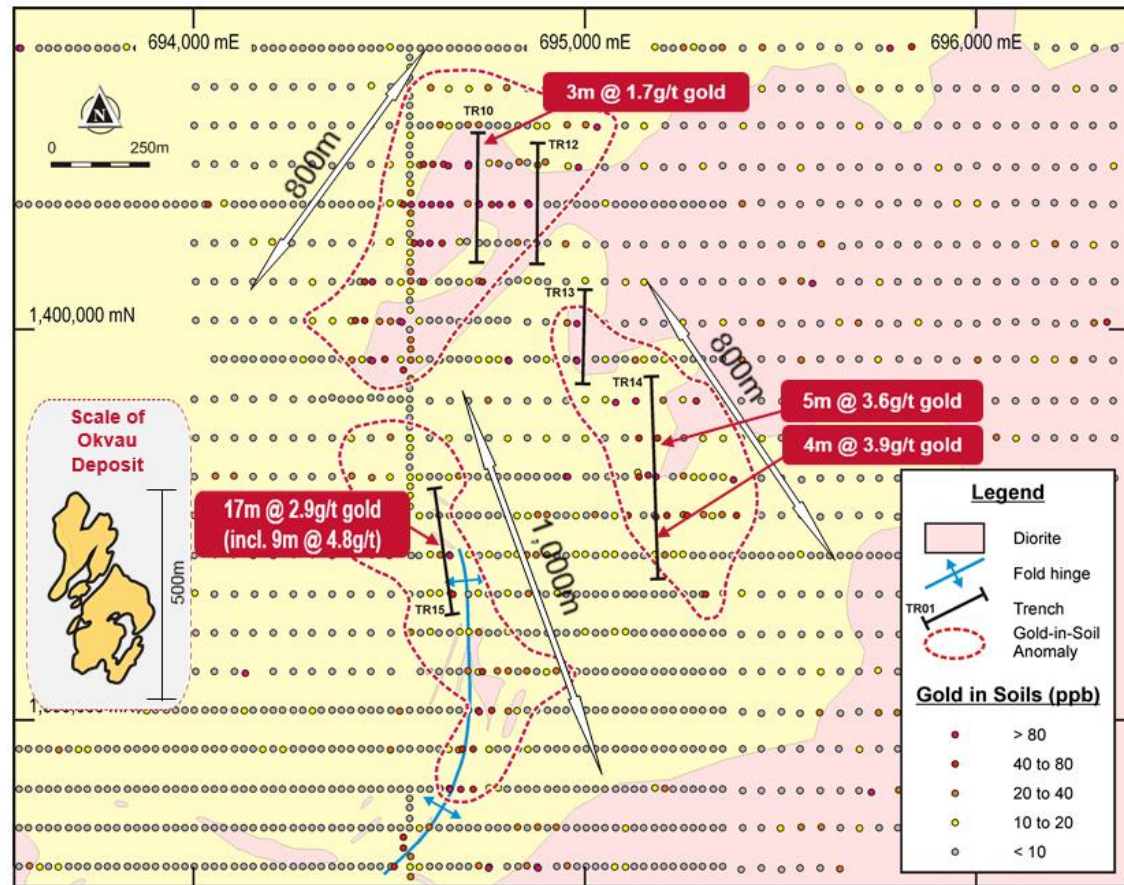


- **400km² of unexplored terrain**
- Initial area of focus is the 5-8km anomalous trend north of the 1.2Moz Okvau deposit
- Four immediate drill ready targets:
 - **Area 1** - 3km north of Okvau
 - **Okvau North** - 1km north of Okvau
 - **Okvau North-West** - 2km north-west of Okvau
 - **Samnang** - 500m north of Okvau
- Robust gold-in-soil anomalies with critical pathfinder multi-elements (bismuth, arsenic, tellurium)
- Potential for 'Okvau style' repetitions

Proven potential | first prospect drilled was +1Moz Okvau discovery

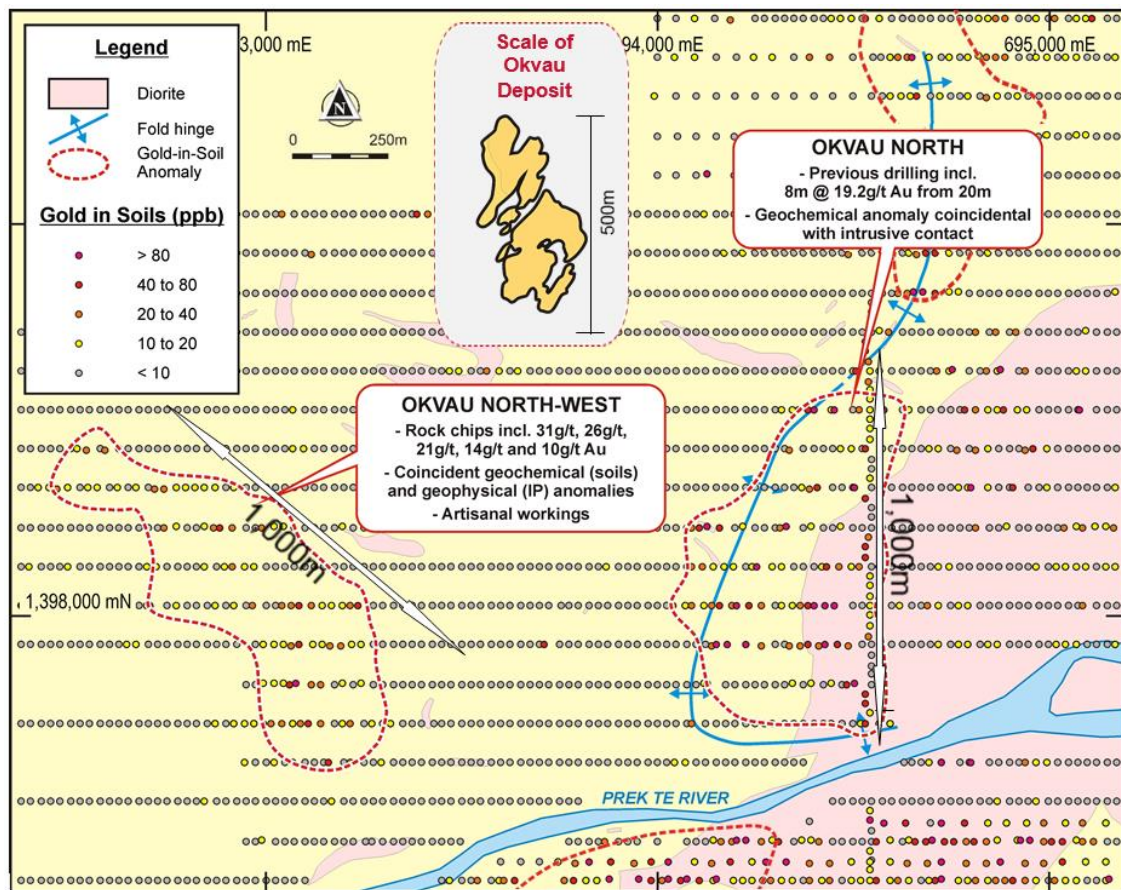
Area 1 Prospect

- Located <3km north of Okvau
- **Three prominent, large (+800m) gold-in-soil anomalies** with arsenic, bismuth and tellurium
- Peak gold values in soils of 2,870ppb, 1,360ppb, 739ppb and 595ppb gold
- Recent trench results include¹:
 - **17m @ 2.9g/t gold (incl. 9m @ 4.8g/t gold)**
 - 5m @ 3.6g/t gold
 - 4m @ 3.9g/t gold



¹ Refer ASX announcement dated 23 June 2014

Okvau North & North-West Prospects



- Located <2km of Okvau

Okvau North

- +1,000m north trending structural corridor
- Gold-in-soil anomaly associated with diorite-sediment contact and IP (chargeability) anomaly
- Isolated drilling with results including¹:
 - 8m @ 19.2g/t gold from 20m**

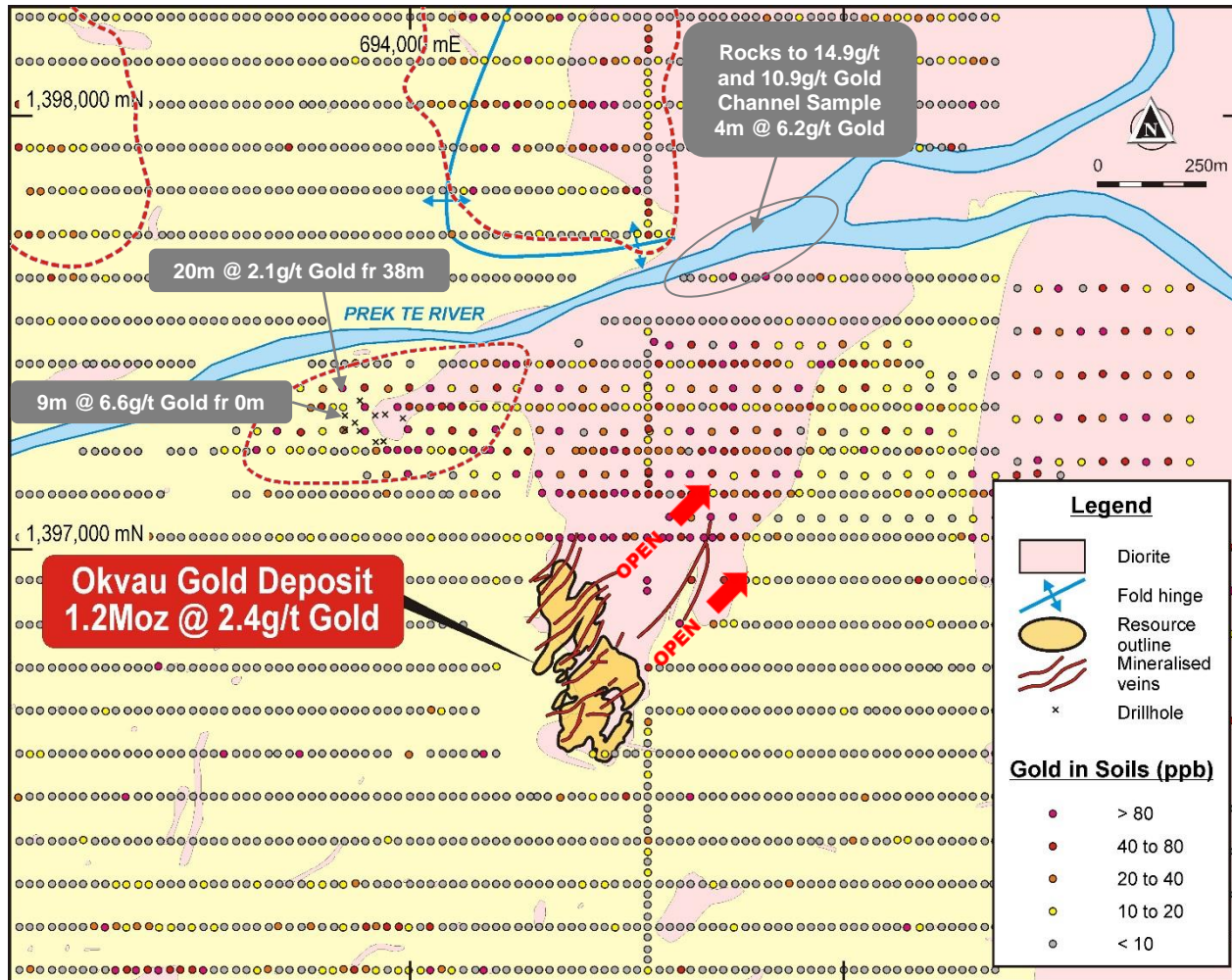
Okvau North West

- Current active artisanal workings
- Geochemical anomaly with +1,000m of strike
- Rock chips include 31g/t, 26g/t, 21g/t, 14g/t and 10g/t gold²

¹ Refer ASX announcement dated 23 June 2014

² Refer ASX announcement dated 10 April 2014

Samnang Prospect



- Adjacent to and analogous to the Okvau deposit
- Significant artisanal mining activity
- First pass drilling results include¹:
 - 9m @ 6.6g/t gold from 0m
 - 20m @ 2.1g/t gold from 38m
 - 3m @ 4.0g/t gold from 21m
- High grade rock chips and channel samples to the north-east

¹ Refer ASX announcement dated 23 June 2014



Renaissance
minerals limited

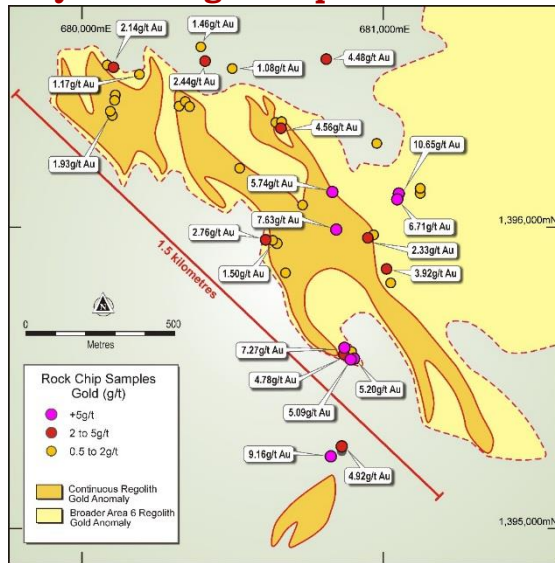
Exploration Potential | Regional



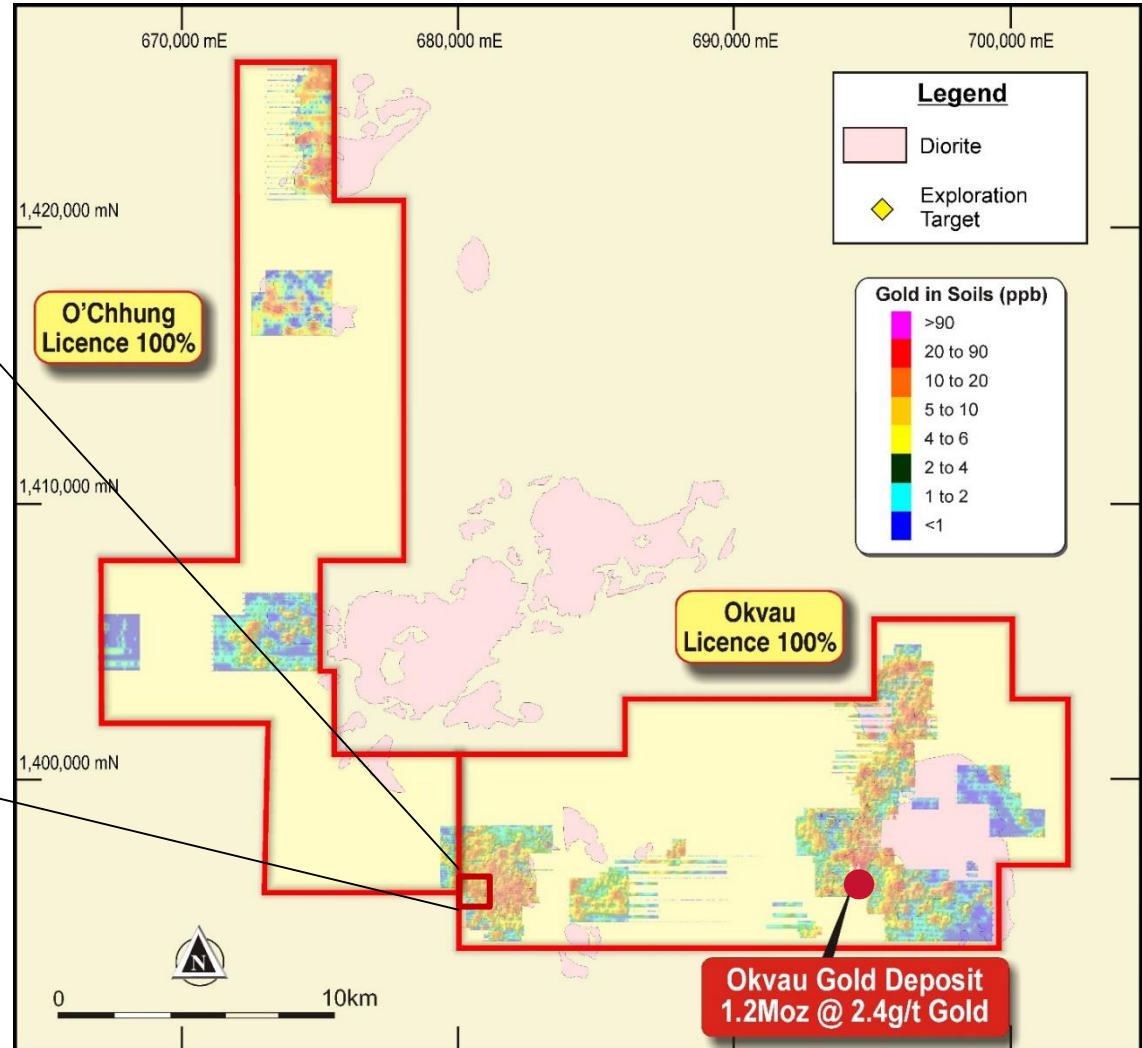
Okvau Regional High Likelihood of New Discoveries

- Surface geochemistry (soils & trenching) effective for exploration targeting
- Numerous untested, large scale geochemical anomalies emerging within 20km of Okvau

Rhyolite Ridge Prospect



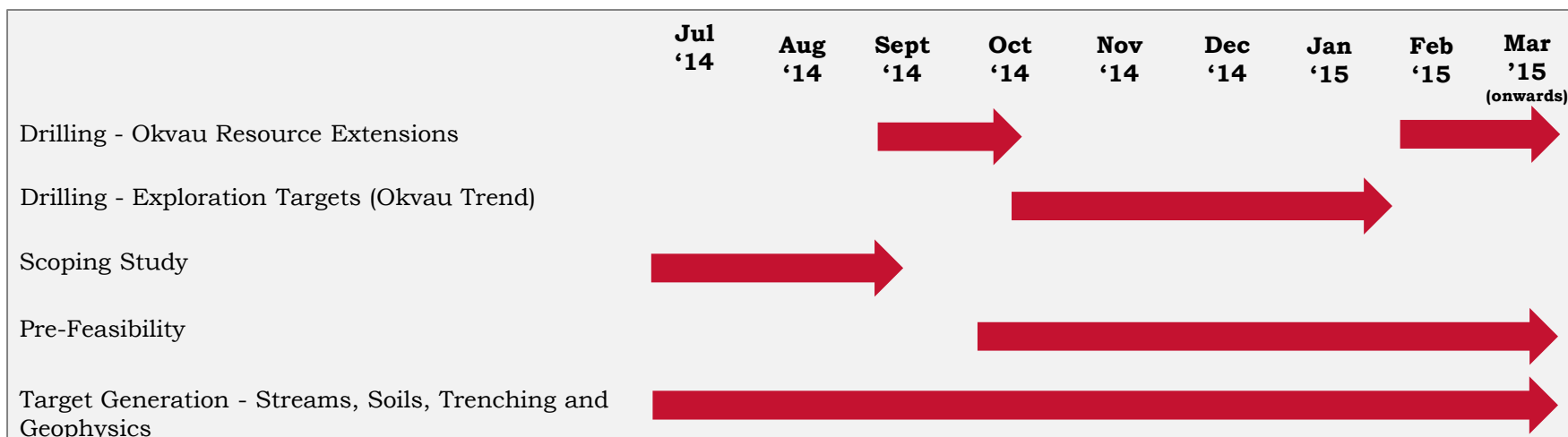
- 1.5km gold anomaly with coincidental pathfinders
- Geochemical anomaly trends parallel to IP anomaly
- >200 rock chips | averaging 1.5g/t, up to 11g/t gold¹



¹ Refer ASX announcement dated 17 September 2013

Investment Proposition Catalysts

- **New frontier** of unexplored virgin terrain covering ~400km²
- Drilling confirms **Okvau growth** beyond the current 1.2Moz gold resource¹ estimate
- **High grade** open pittable deposit
- 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 growth potential)
- Experienced in-country team with first mover **government relationship**

¹ Refer ASX announcement dated 8 March 2013



Justin Tremain, Managing Director

Email: justin@renaissanceminerals.com.au

Telephone: +61 8 9286 6300