



# TECHNICAL AND CORPORATE PRESENTATION

Geopacific Resources Limited (Geopacific) (ASX:GPR) advises that the following Technical and Corporate Presentation was presented by Mr Mark Bojanjac, Director of the Geopacific, to the Melbourne Mining Club as part of their Cutting Edge Series on Tuesday 15 July 2014.

A copy of this presentation is also available on the company's website [www.geopacific.com.au](http://www.geopacific.com.au).

For and on behalf of the Board

John Lewis  
Company Secretary  
15 July 2014

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# ***Kou Sa Project: The Way Forward***



**ASX : GPR**

**Emerging Copper & Gold**

July 2014

# Structure - July 2014



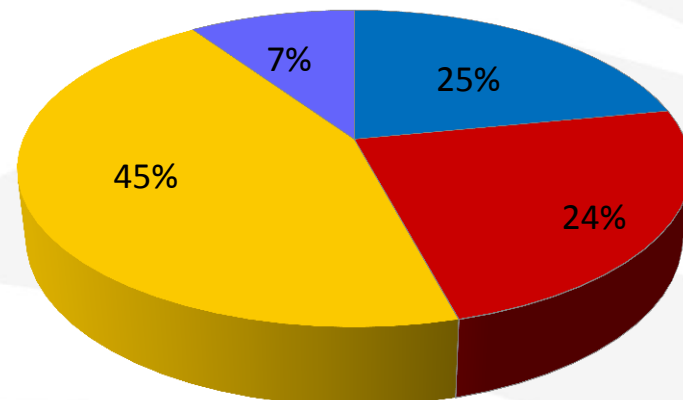
Capital Structure	Current
Shares	290M
Cash	A\$5.2M
Share Price	A\$0.07
Market Capitalisation	~A\$20M
Directors/Mgmt.	~7%
Resource Capital Funds (RCF)	~32%

## Directors & Management

<b>Milan Jerkovic</b>	Chairman
<b>Ron Heeks</b>	Managing Director
<b>Mark Bojanjac</b>	Director
<b>Russell Fountain</b>	Director
<b>John Lewis</b>	Company Secretary/CFO

## Shareholding

■ Retail ■ Professional Investors ■ Institutions ■ Management/Directors



# Major Copper-Gold Projects

## Cambodia, Kou SA

- 85% GPR
- 15% Royal Group

## Fiji, Vuda-Sabeto

- 100% GPR
- Pipeline Projects**
  - Rakiraki, Kavukavu and Faddy's

**Compelling Initial Results**



**Proven Management Team**



**First Mover Advantage**



**Aggressive Exploration Model**

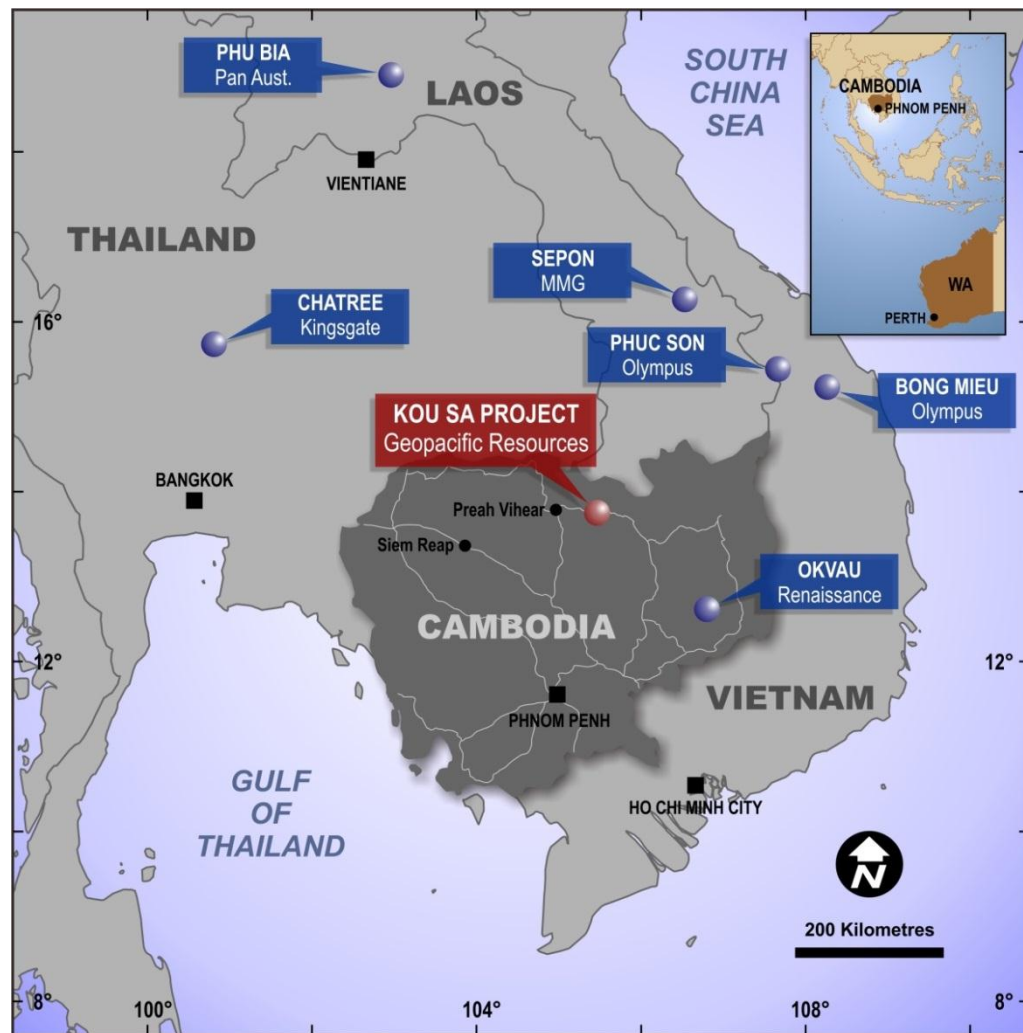


**Initial Drill Testing Complete**





# Kou Sa - Location



- Largely unexplored region
- Flat, open terrain
- Acacia scrub foliage
- Exploration office in place
- Numerous anomalies on licence
- New highway through license
  - 5 hrs drive to Phnom Penh
  - 3 hrs drive to Siem Reap

**Project Area:  
158km<sup>2</sup>**

# Kou Sa – Cambodia – Superb Logistics



PROSPECT 100

PROSPECT 150

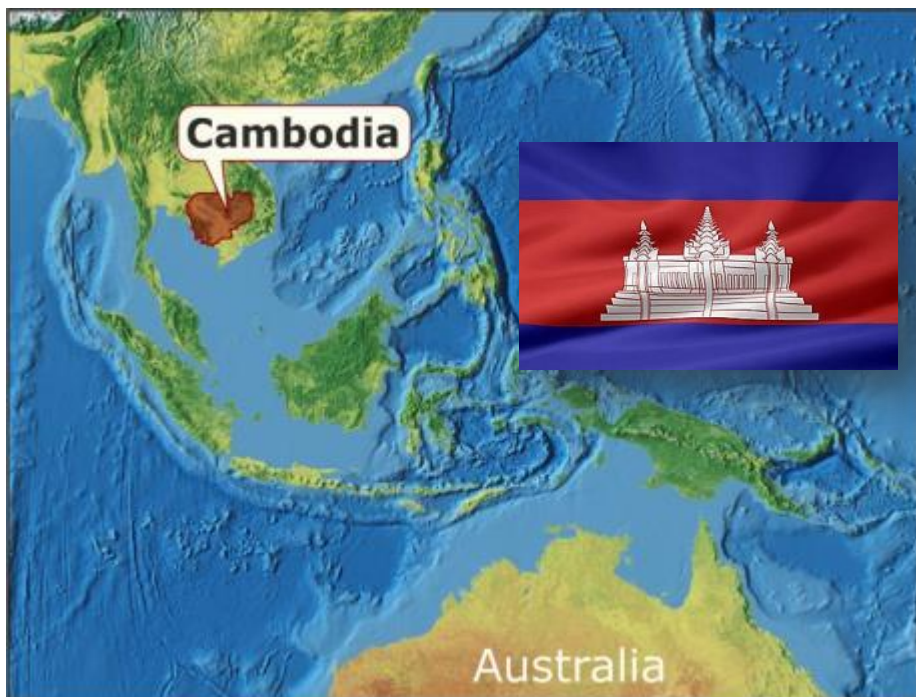
EXPLORATION  
SITE YARD

**Easy Access, Accommodation, Sealed Roads, Grid Power,  
Mobile Communications**



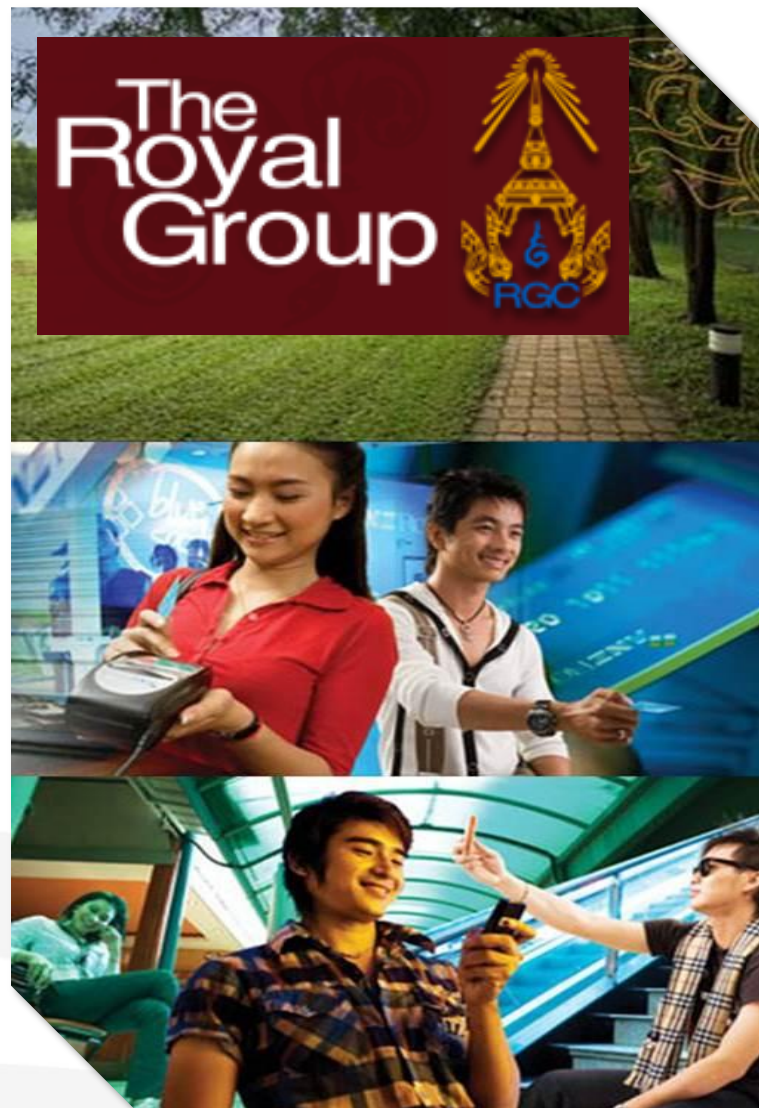
# Cambodia - Rapid Growth

- Booming 10%+ GDP growth
- Stable politics last 25 years
- 15M people, half aged < 25 years
- Rapidly growing modern society
- Under developed mineral industry
- Pro-development government
- 100% foreign ownership OK
- 30% corporate tax rate
- 2.5% gross revenue royalty
- WA style minerals law being drafted



# Our Partner - The Royal Group

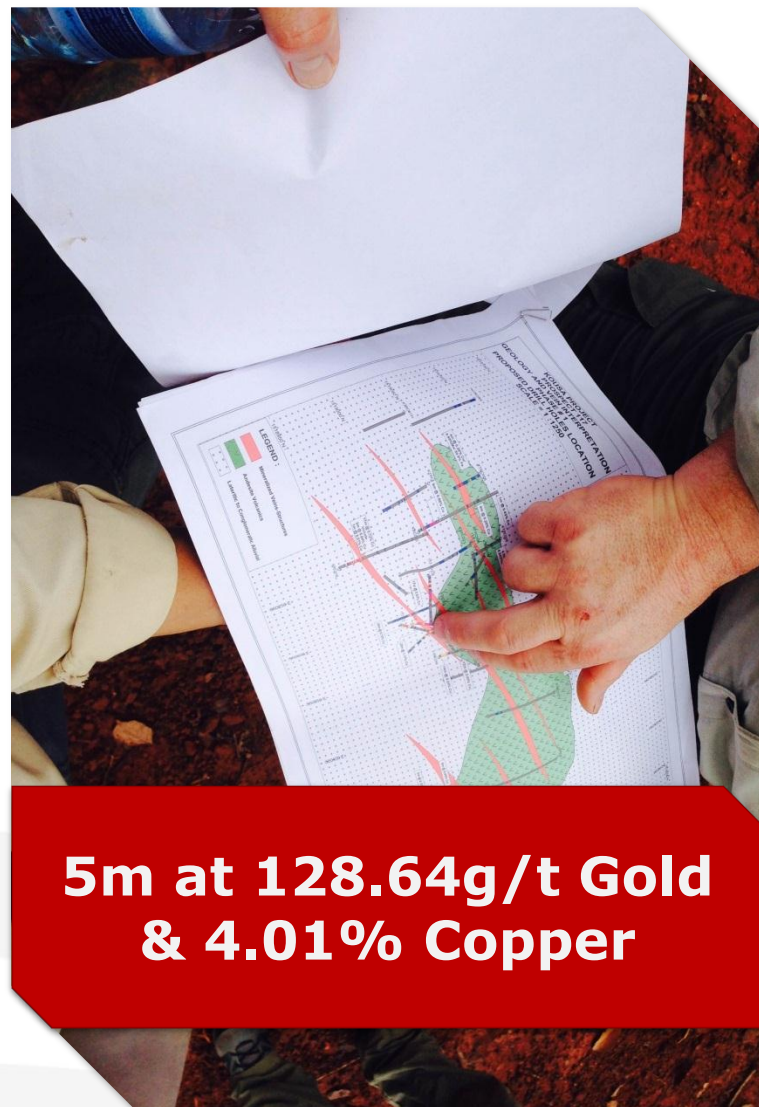
- The pre-eminent Cambodian corporate - [www.royalgroup.com.kh](http://www.royalgroup.com.kh)
- 15% direct interest in Kou Sa  
- Local JV Company
- Provides government and community relations in Cambodia
- PTT (Thailand) has successfully operated coal assets with Royal in Cambodia for 3 years
- Royal has similar international joint ventures: in Cambodia:
  - BANKING - ANZ Royal Bank,
  - LOGISTICS - Toll Transport Group and
  - TELECOMS - Mobitel, Samsung, Motorola and Siemens





# Kou Sa – Snap Shot

- Excellent discovery potential for polymetallic deposit(s) of economic grade and tonnage
  - Explored by GPR since early 2013, initially focussed on its southern half
  - Modern exploration techniques including:
    - Systematic geochemistry, and
    - Geophysics
- have clearly outlined numerous mineralised targets
- All 4 drill-tested so far produced zones of high-grade mineralisation including:  
**5m at 128.64g/t Gold AND 4.01% Copper**



# Stage 1: Completed

## Exploration camp

- 10 man base camp with core storage/offices

## Geological mapping and sampling

- 1:50,000 and 1:5,000 scale mapping
- 600 rock-chip samples

## Regional soil geochemistry

- Over 1,300, 400x200m geochem samples

## Systematic infill soil geochemistry over anomalies

- Over 2,900, 100x40m detailed soils testing broad anomalies

## Detailed airborne magnetics

- Over 3,800kms of detailed air magnetics

## Detailed ground IP geophysics

- 3D dipole over 100 area to test method

## Detailed ground EM

- Moving loop ground EM over Area 100 to test method





# Stage 1: Completed

## Excavator and hand trenching

- Deep trenching of 100, 117 and 150 geochemistry anomalies

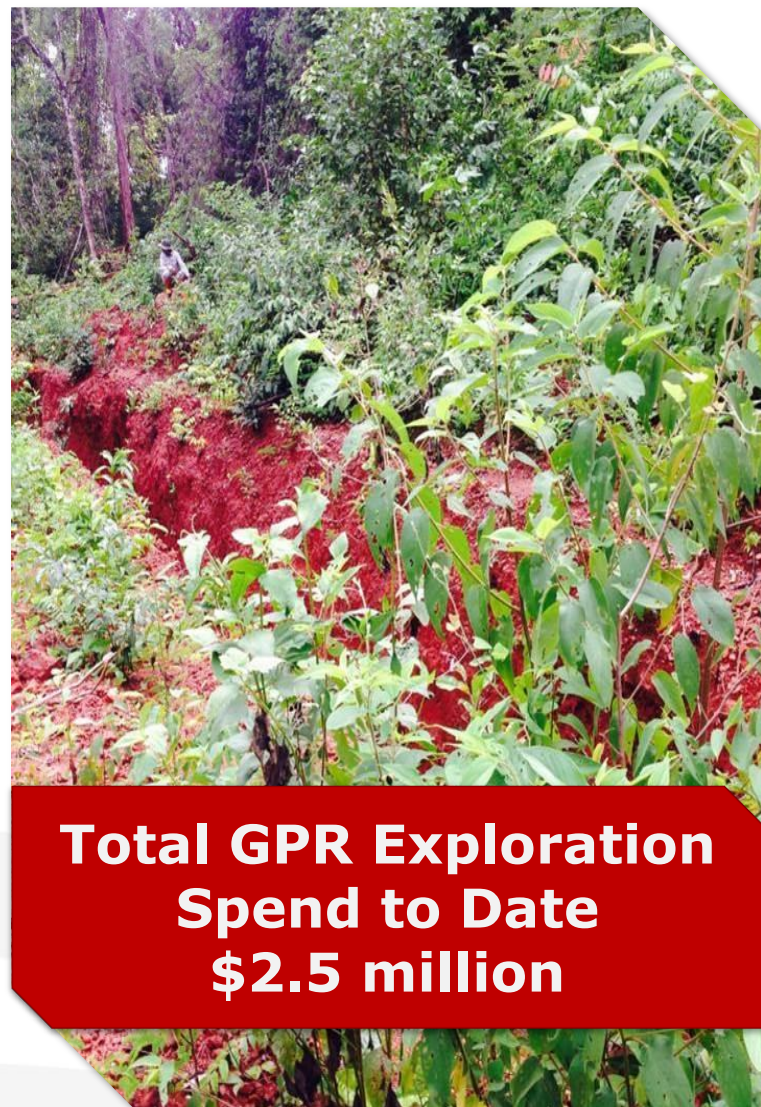
## Diamond drilling

- **1,209m** of drilling to new geochemical targets at 100 & 150 areas
- Initial deep testing of 100 and 150 areas
- All 4 holes drilled in 2 new areas intercept mineralisation

## RC drilling

- **2,903m** of RC drilling to test geochemical targets at 100, 117, 150, 170 Prospects
- 25 out of 27 holes intercept significant mineralisation in 3 new and one already drilled area

**Spectacular initial results achieved with Bonanza gold/copper results**



**Total GPR Exploration  
Spend to Date  
\$2.5 million**



# A Great Start !



## Geological Setting

- NW trending andesitic volcanics
- Intrusives provided heat engine & fluids
- Strong argillic and magnetite alteration
- Overlain in areas by sediment and limestone

## First NEW work since 60's

- Significant gold & copper mineralisation in a totally new prospect
- Copper-Gold polymetallic sulphide system
- Numerous geochemical targets remain to be drill tested

## Best Drill Results:

Hole ID	m	% Cu	g/t Au	from m
<b>KRC04*</b>	<b>39</b>	<b>1.36</b>	<b>17.56</b>	<b>18</b>
<b>Inc.</b>	<b>5</b>	<b>4.01</b>	<b>128.64</b>	<b>22</b>
<b>KRC05*</b>	<b>24</b>	<b>1.17</b>	<b>7.08</b>	<b>surface</b>
<b>Inc.</b>	<b>4</b>	<b>4.78</b>	<b>37.37</b>	<b>19</b>
<b>KDH02*</b>	<b>3.9</b>	<b>4.97</b>	<b>16.34</b>	<b>33.4</b>
<b>KRC19*</b>	<b>10</b>	<b>2.75</b>	<b>NSR</b>	<b>36</b>
<b>KDH03*</b>	<b>3</b>	<b>5.28</b>	<b>NSR</b>	<b>70.7</b>
100-1-A	20	2.68	NSR	3
100-1-H	19.1	3.65	NSR	27.3
117-1-A	22.2	1.96	NSR	surface
117-1-B	15.2	1.97	NSR	30

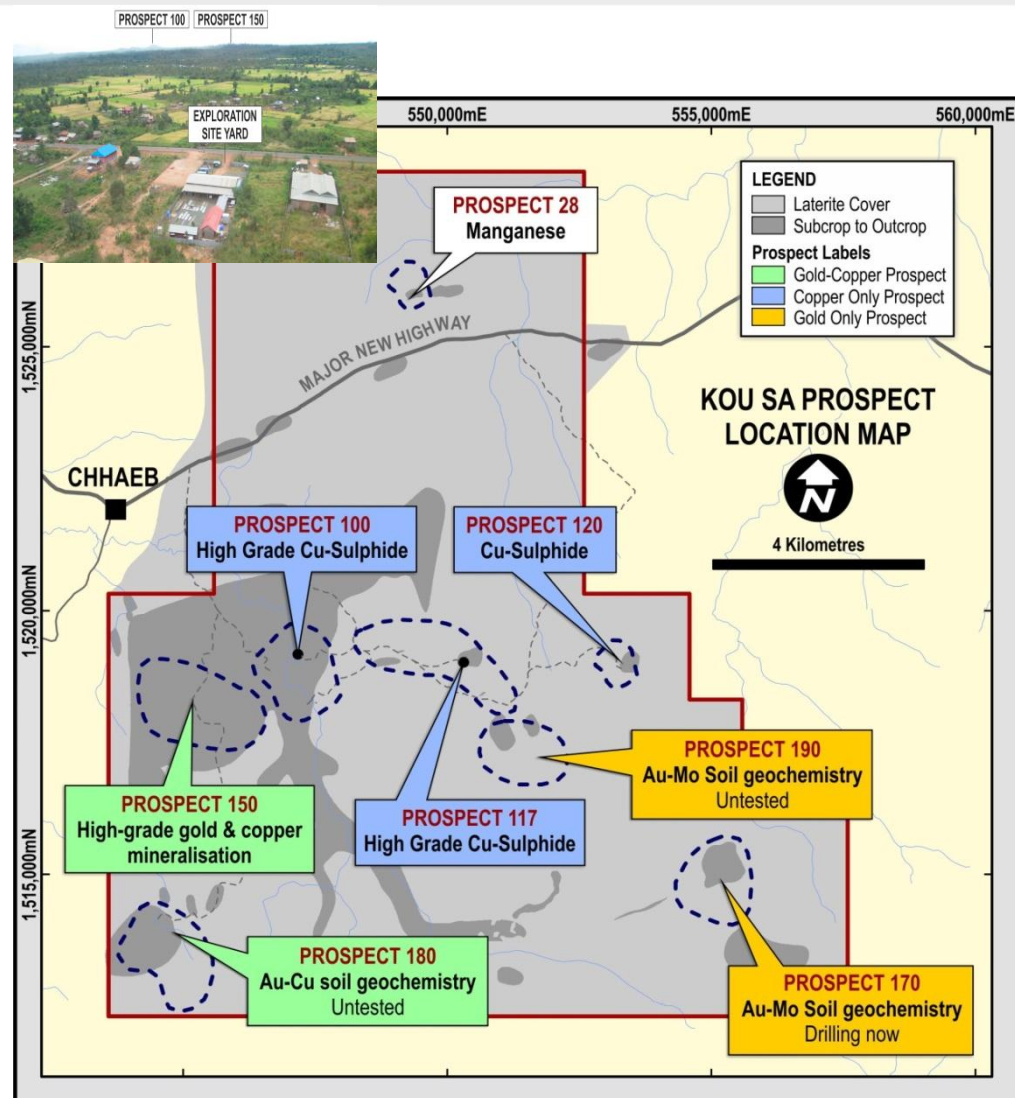
\*New drilling results in red;  
Rest - best results from re-assay of historical drilling

**From Surface on Flat Terrain**



**Early Production Potential**

# Kou Sa – Multiple Prospects



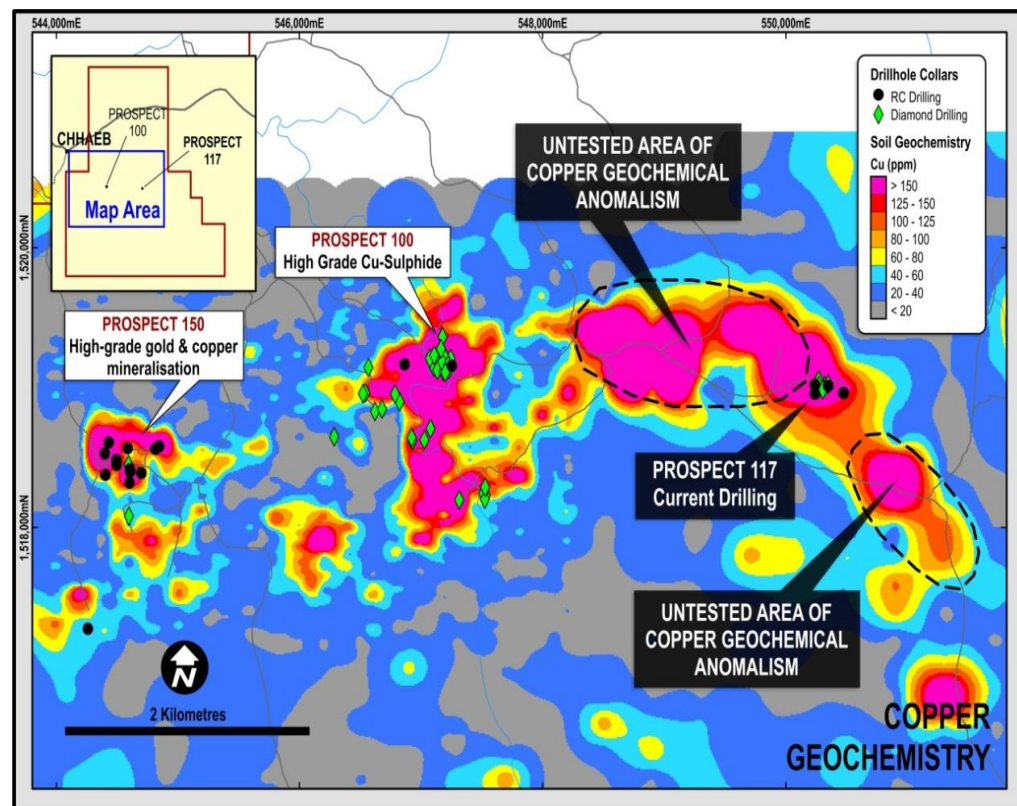
## Regional

- Over 8 km of near continuous copper geochemical anomalism
- 10 distinct prospect areas identified with copper/gold, copper and gold anomalies
- Detailed air-magnetic interpretation

## 150 Prospect

- New BONANZA grade zone of gold, copper and silver identified and drill tested.
- Two new adjacent zones identified in trenching

# Kou Sa – Multiple Prospects



## 117 Prospect

- High grade copper intersections confirmed by drilling
- New High grade zone identified
- Strike extension confirmed in trenching

## 100 Prospect

- High grade copper confirmed at depth by drilling
- IP geophysics as targeting tool confirmed by drilling

**High Value Results at Low Cost**



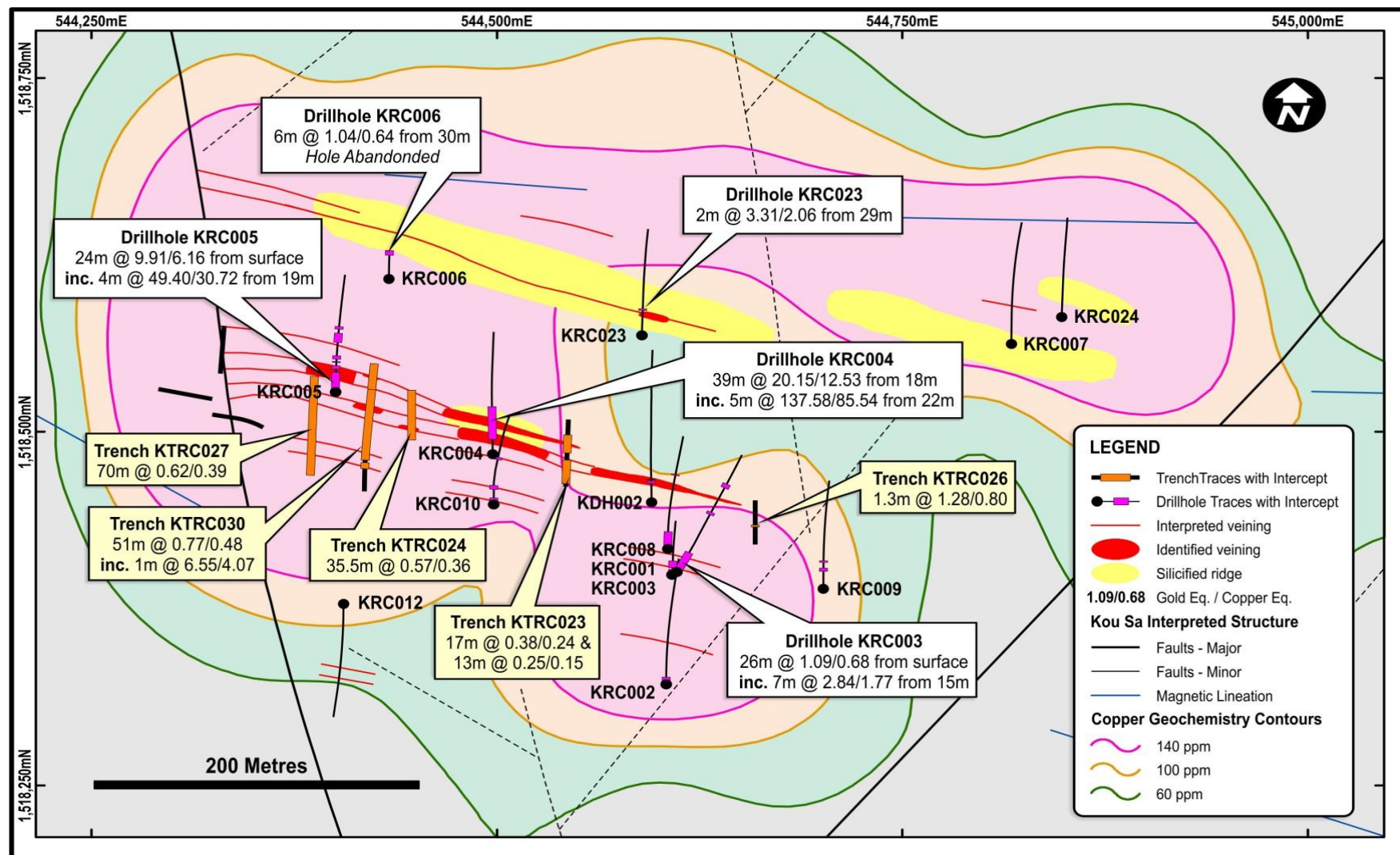
# Prospect 150 - Gold and Copper

- “Bonanza” gold grades coincident with copper mineralisation:
  - **39m at 17.56g/t Au and 1.36% Cu from 18m (KRC004)**
  - **24m at 7.08g/t Au and 1.17% Cu from surface (KRC005)**
  - **3.9m at 16.34g/t Au and 4.97% Cu from 33.4m (KDH002)**
- Totally new prospect, untouched by previous explorers
- **At least 300m of known strike** from RC and diamond drilling
- Plenty of upside **within 2km long Au-Cu-Mo geochemical anomaly**



**Results prove soil geochemistry is working**

# Prospect 150 – Open Potential



# High Grade From First Holes



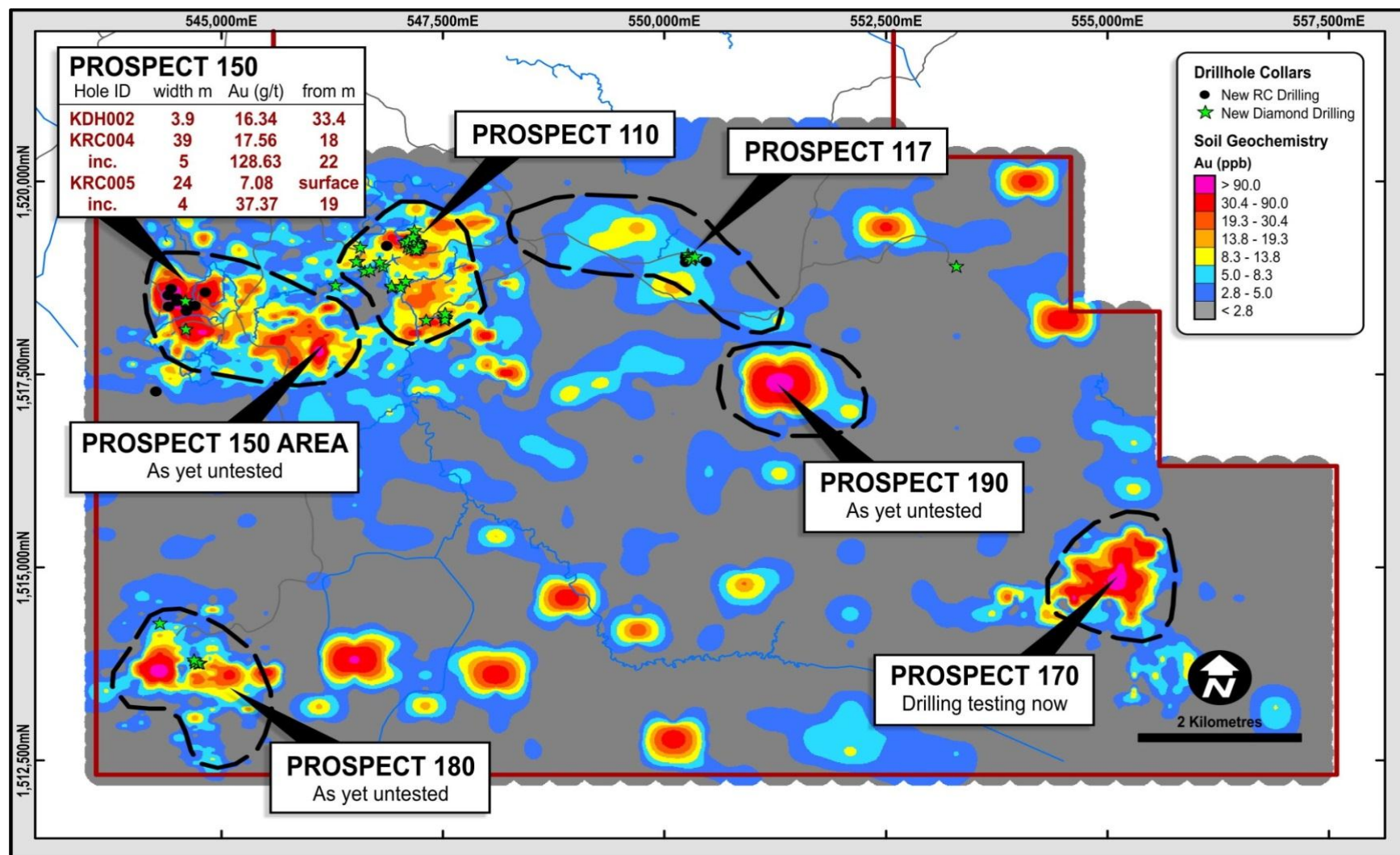
Hole ID	Depth From	Depth To	Interval	Gold (g/t)	Silver (g/t)	Copper (%)	Zinc (%)	Au Eq. (g/t)	Cu Eq. (%)
<b>KDH002</b>	<b>33.4</b>	<b>37.3</b>	<b>3.9</b>	<b>16.34</b>	<b>19.03</b>	<b>4.97</b>	<b>NSR</b>	<b>24.65</b>	<b>15.33</b>
<b>KRC004</b>	<b>18</b>	<b>57</b>	<b>39</b>	<b>17.56</b>	<b>25.04</b>	<b>1.36</b>	<b>NSR</b>	<b>20.15</b>	<b>12.53</b>
Inc.	22	27	5	128.64	162.96	4.01	NSR	137.58	85.54
Inc.	24	26	2	298.63	331.00	6.56	NSR	314.21	195.37
And	33	37	4	3.42	8.13	1.15	NSR	5.41	3.36
And	44	47	3	2.07	5.53	2.81	NSR	6.70	4.17
<b>KRC005</b>	<b>0</b>	<b>24</b>	<b>24</b>	<b>7.08</b>	<b>44.05</b>	<b>1.17</b>	<b>0.55</b>	<b>9.91</b>	<b>6.16</b>
Inc.	19	23	4	37.37	219.70	4.78	2.01	49.40	30.72
<b>KRC005</b>	<b>28</b>	<b>32</b>	<b>4</b>	<b>0.66</b>	<b>6.55</b>	<b>0.89</b>	<b>0.36</b>	<b>2.36</b>	<b>1.47</b>
<b>KRC005</b>	<b>60</b>	<b>71</b>	<b>11</b>	<b>0.18</b>	<b>2.92</b>	<b>0.65</b>	<b>NSR</b>	<b>1.30</b>	<b>0.81</b>
Inc.	64	66	2	0.50	6.75	2.78	0.25	5.20	3.23

**NOTE:** Results based on one metre splits.

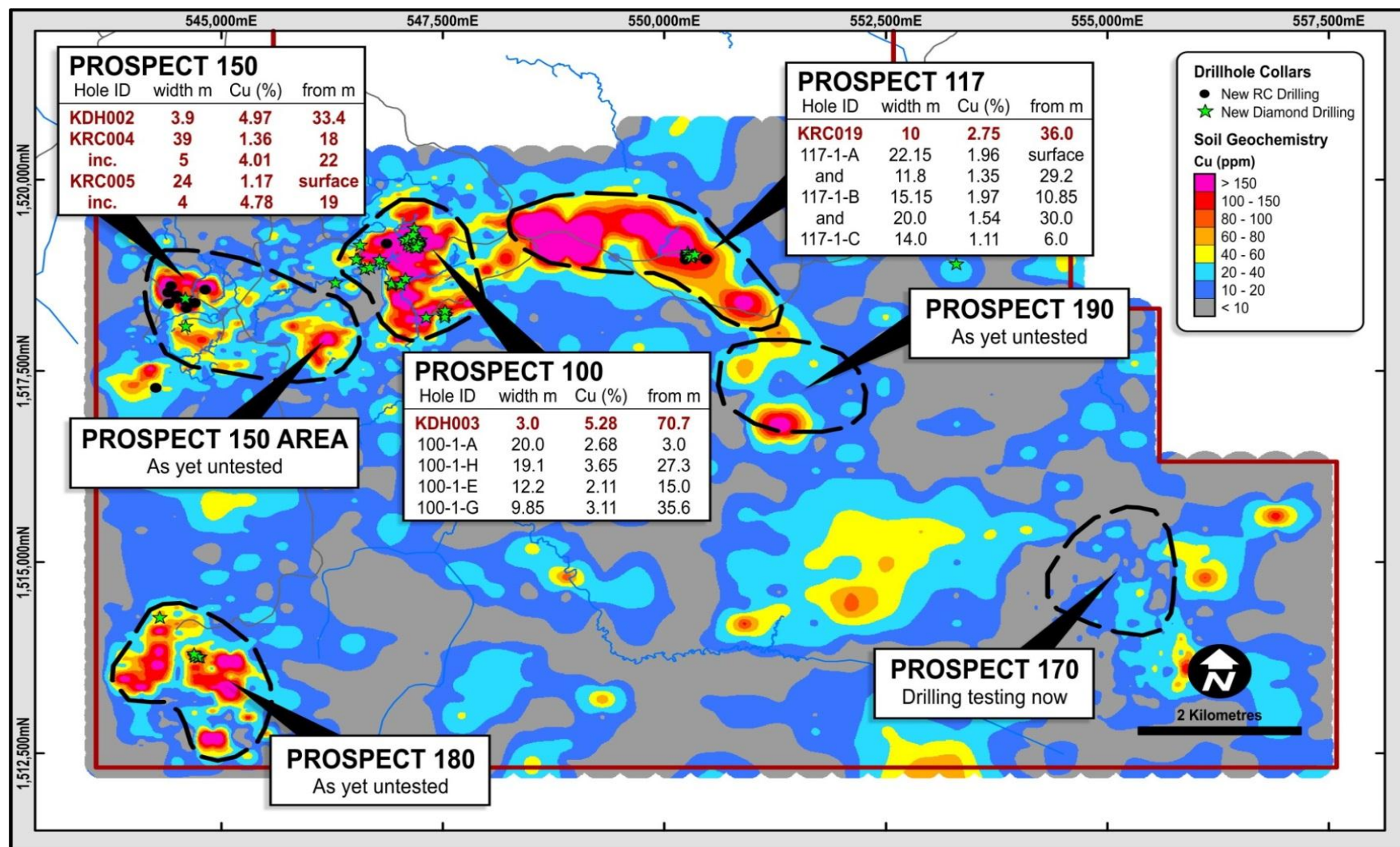
## Copper and silver further enhance gold results



# Untested Gold Potential

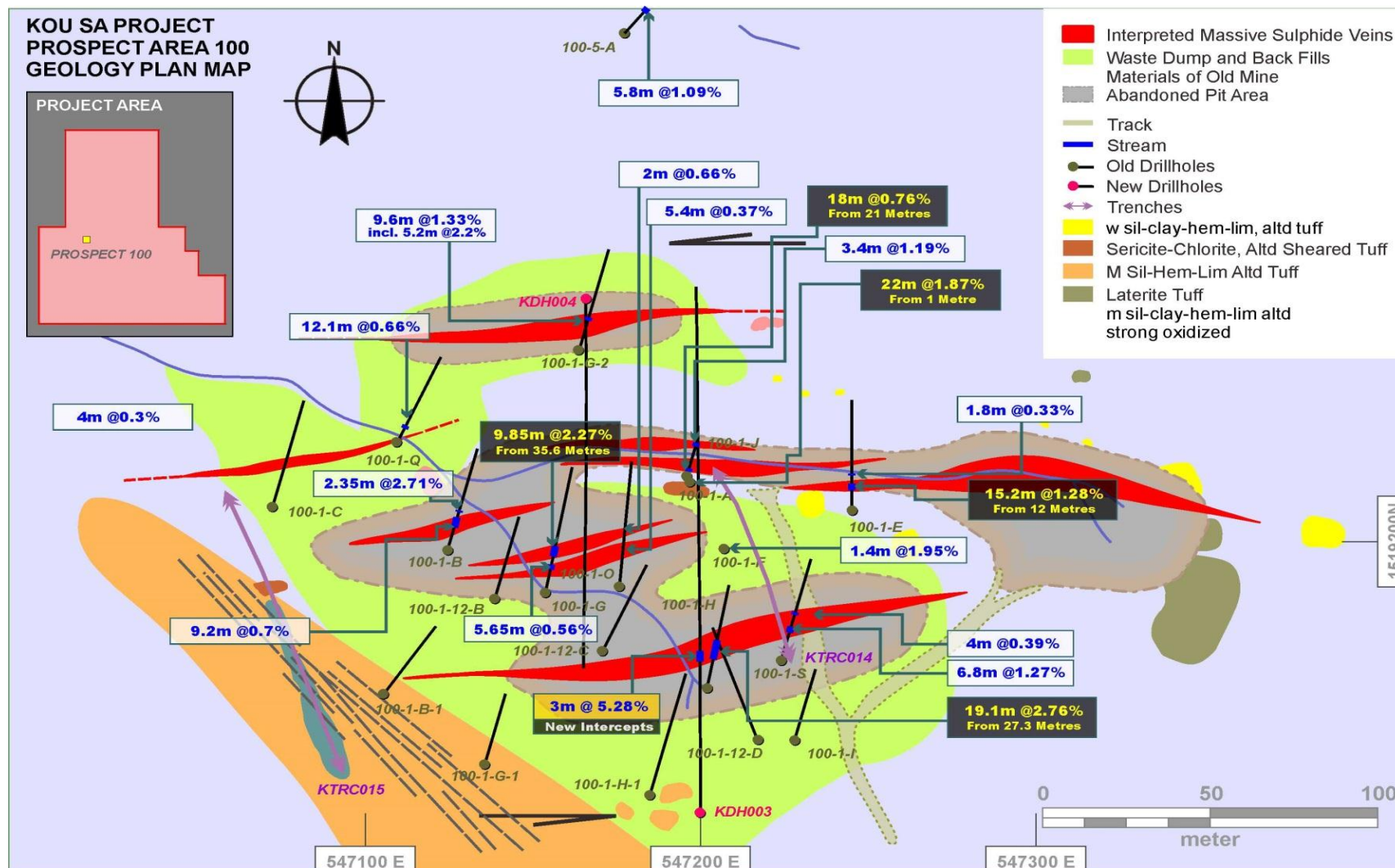


# Untested Copper Potential



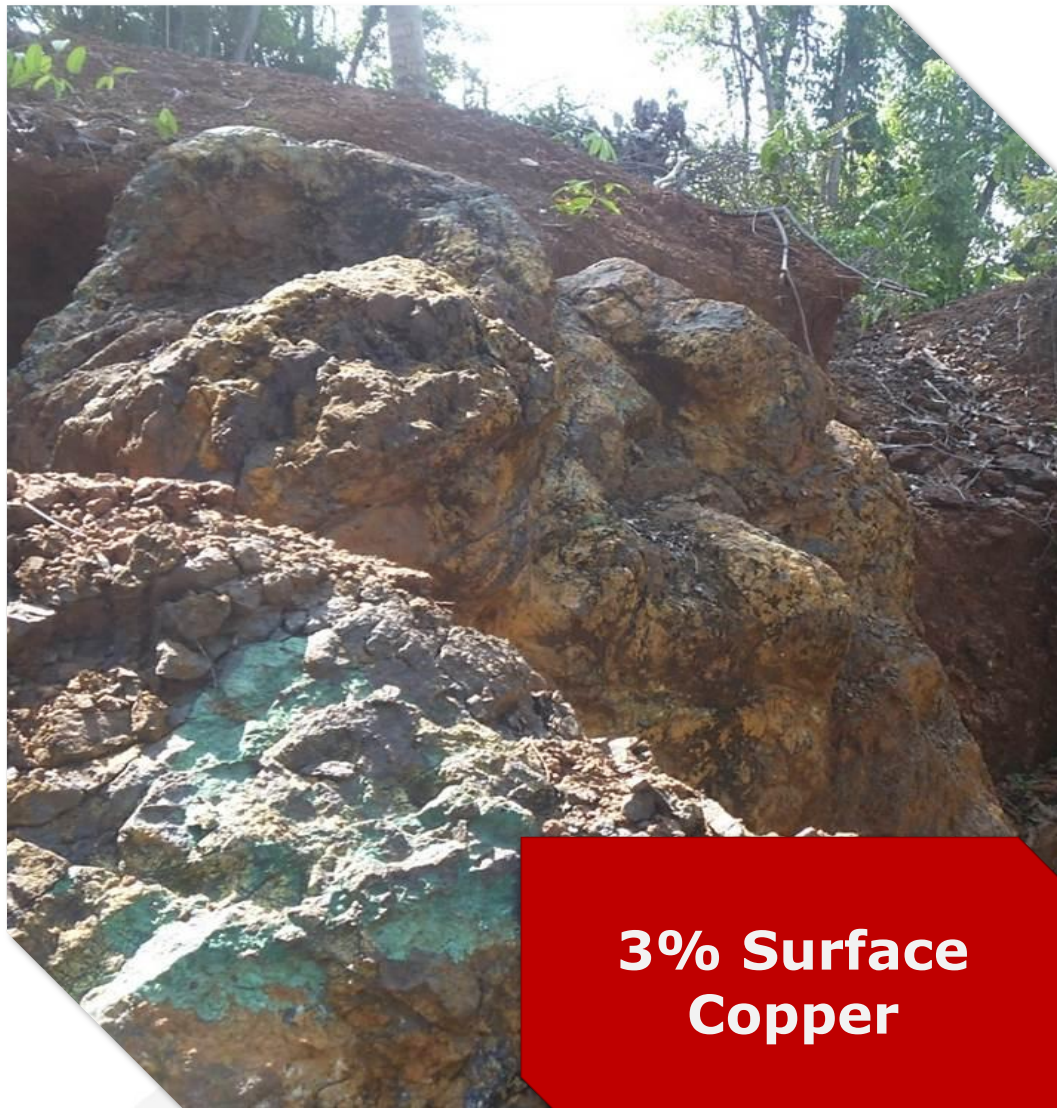


# Prospect 100



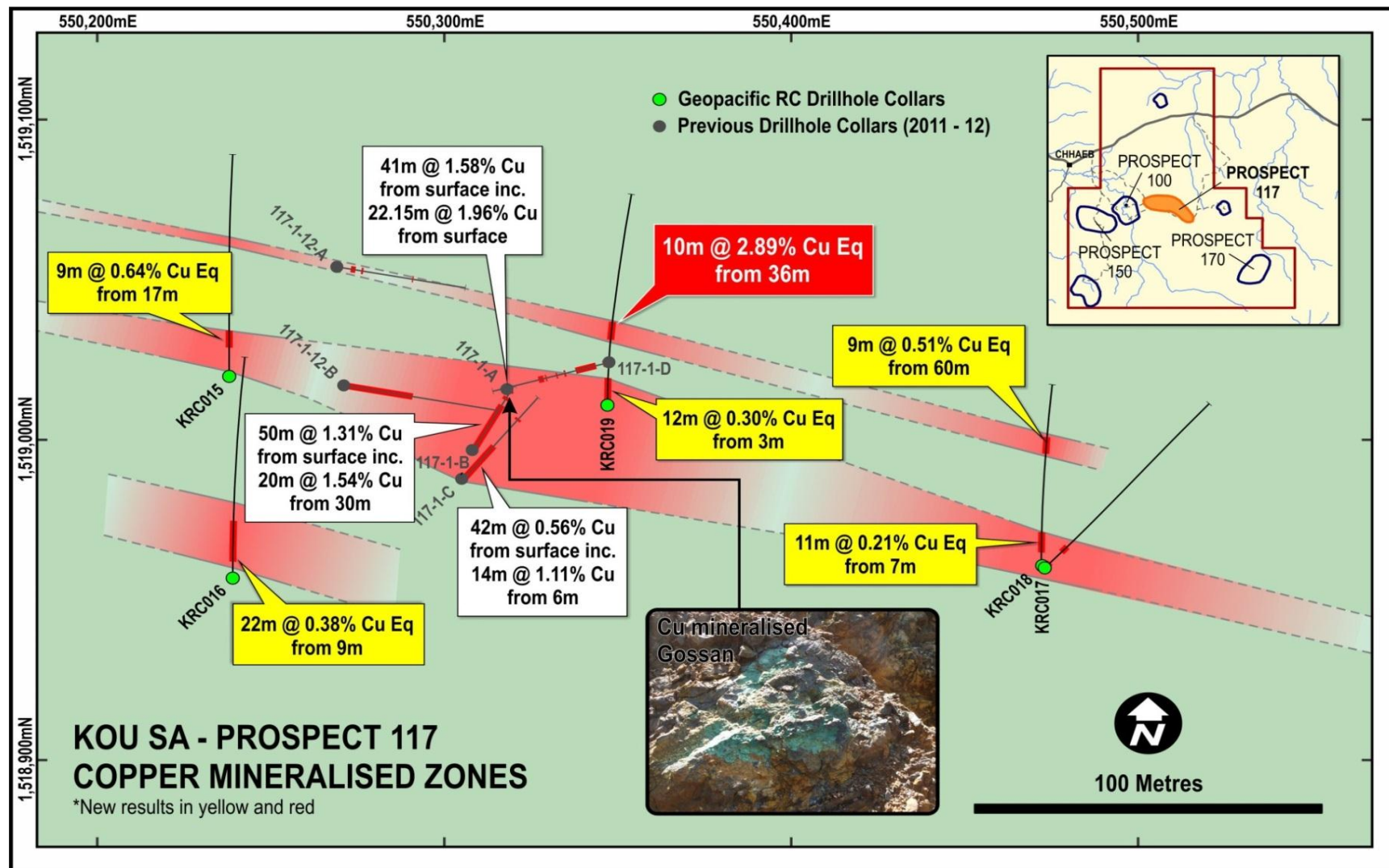


# Prospect 117



**3% Surface  
Copper**

# Prospect 117



## Stage 2 – Funded and Starts Now



Expenditure	Purpose	Est. A\$ (000's)
<b>RC Drilling</b> - 150, 117 170 Prospects	25,000m	1,875
<b>Diamond Drilling</b> - 150, 117	5,500m	825
<b>Geochemistry</b> - Northern licence and infill in southern anomalies	5,000 samples	60
<b>Geophysics Ground IP</b> – 150,117, 170, 180 Prospects	Drill target definition	225
<b>New Areas</b> - RC drilling 180,190 Prospects, new licence acquisitions initial expenditure	Regional Upside	500
<b>Resource Estimate</b> and <b>Met Testwork</b>	<b>JORC Resource</b>	200
Corporate		1,300
<b>Total</b>		<b>4,985</b>



# Immediate Aims



- Detailed ground geophysics (mag - IP) over 117, 150, 170 & 180 Prospects
- Drill test 117 and 150 Prospects to **JORC Resource** inferred or above
- Soil geochemistry over northern half of licence
- Infill soil geochemistry over remaining southern anomalies
- Commence initial **metallurgical testwork** for process design
- Initiate new licence applications



**Moving Towards Development**

# Reasons to Invest



## Opportune Entry

Emerging Cu/Au which has **yielded from the first drill holes**

## Quality Targets

Compelling geochem anomalies with **excellent grades from surface**

## Untested Potential

Numerous large **untested** Au and Cu anomalies

## Bang for Buck

**Low cost** environment and near surface deposits

## Proven Partner

Cambodia's No.1 partner "The Royal Group" **secures** business interface

## Track Record

Board and Management with **proven success** in emerging countries and copper/gold mining

# Disclaimer/Competent Persons' Statement



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*The information in this presentation that relates to exploration results is based on information compiled by or under the supervision of Ron Heeks, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy and Managing Director of Geopacific. Mr Heeks has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity 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 Heeks consents to the inclusion of the matters based on his information in the form and context in which it appears.*

Exploration results are based on standard industry practices, including sampling, assay methods, and appropriate quality assurance quality control (QAQC) measures. Reverse circulation (RC) drilling samples are collected as composite samples of a maximum of 4 metres. Mineralised intersections derived from composite samples are subsequently re-split to 1 metre samples to better define grade distribution. Core samples are taken as quarter PQ, HQ, or NQ core and sampled to geological boundaries where appropriate. The quality of RC drilling samples is optimised by the use of riffle splitters and logging of various criteria designed to record sample size, recovery and contamination, and use of field duplicates to measure sample representivity. Analysis of drill core and RC drill chips was conducted using Fire Assay with an Atomic Absorption Spectrometry finish (AAS) for gold as well as Four Acid Digest with Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) finish for silver and base metals, with ore grade material analysed using a special ore grade technique of ICP-AES. For soil samples, gold and multi-element analysis is based on an aqua regia digest with ICP Mass Spectrometry (ICP-MS) finish for ultra-low detection limits. Drill core and chip sample preparation is undertaken at ALS Laboratories in Phnom Penh, Cambodia with gold analysis at ALS in Vientiane, Laos, and multi-element analysis at ALS in Brisbane, Queensland. Soil samples were sieved in the field and sent to Acme Laboratories in Vancouver, Canada for analysis. The quality of analytical results is monitored by the use of internal laboratory procedures and standards together with certified standards, duplicates and blanks and statistical analysis where appropriate to ensure that results are representative and within acceptable ranges of accuracy and precision.

Where quoted, gold and copper intersections are based on a minimum threshold grade of 0.1g/t gold and 0.1% copper unless otherwise stated. Weighted averaging is applied using the grade and length of the intersections where appropriate as per standard industry practice. All sample and drill hole co-ordinates are based on the UTM zone 48 North grid unless otherwise stated. Gold equivalent grades are based on 100% metal recoveries as no metallurgical studies have been carried out in these early exploration stages, and are based on a US dollar gold price of \$1,285/oz (\$41.32/g), copper price of \$6,645/tonne, zinc price of \$2,068/tonne, and silver price of \$19.50/oz (\$0.63/g). Gold equivalent grades were calculated as follows:

$$\text{Au g/t (Eq)} = \text{Au g/t} + [((\text{Cu \%} \div 100) \times \text{Cu price per tonne}) \div (\text{Au price per gram})] + [((\text{Zn \%} \div 100) \times \text{Zn price per tonne}) \div (\text{Au price per gram})] + [\text{Ag g/t} \times (\text{Ag price per oz} \div \text{Au price per oz})]$$
$$\text{Cu \% (Eq)} = \text{Cu \%} + [\text{Zn \%} \times (\text{Zn price per tonne} \div \text{Cu price per tonne})] + [((\text{Au g/t} \times \text{Au price per gram}) \div \text{Cu price per tonne}) \times 100] + [((\text{Ag g/t} \times \text{Ag price per gram}) \div \text{Cu price per tonne}) \times 100]$$

Information in this presentation relating to the Exploration results for the Kou Sa Project is fully described in the ASX releases from 2 April 2013 to the current date. Geopacific is not aware of any new information or data that materially affects the information included in the relevant market announcements.

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