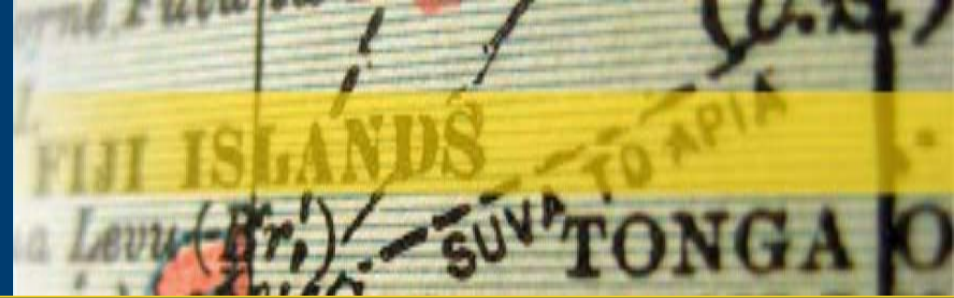




**GEO PACIFIC**  
RESOURCES NL



# PORPHYRY CU-AU SYSTEMS

## Fiji & South Pacific Ring of Fire

November 2011

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# CORPORATE SUMMARY

ASX – GPR

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## CAPITAL STRUCTURE (as at 18-Nov-11)

Shares on Issue	36,578,791
Share Price	A\$0.30
Undiluted Market Cap	A\$11 Million
Cash	A\$1.57 Million
Options	9,792,106

## OPTIONS BREAKDOWN

A\$0.30	16-Dec-11	7,242,106
A\$1.25	08-May-12	100,000
A\$1.50	08-May-13	100,000
A\$0.50	01-Aug-13	600,000
A\$0.30	30-Sep-14	750,000
A\$2.50 - \$5.00	Resource	1,000,000

## TOP 5 SHAREHOLDERS

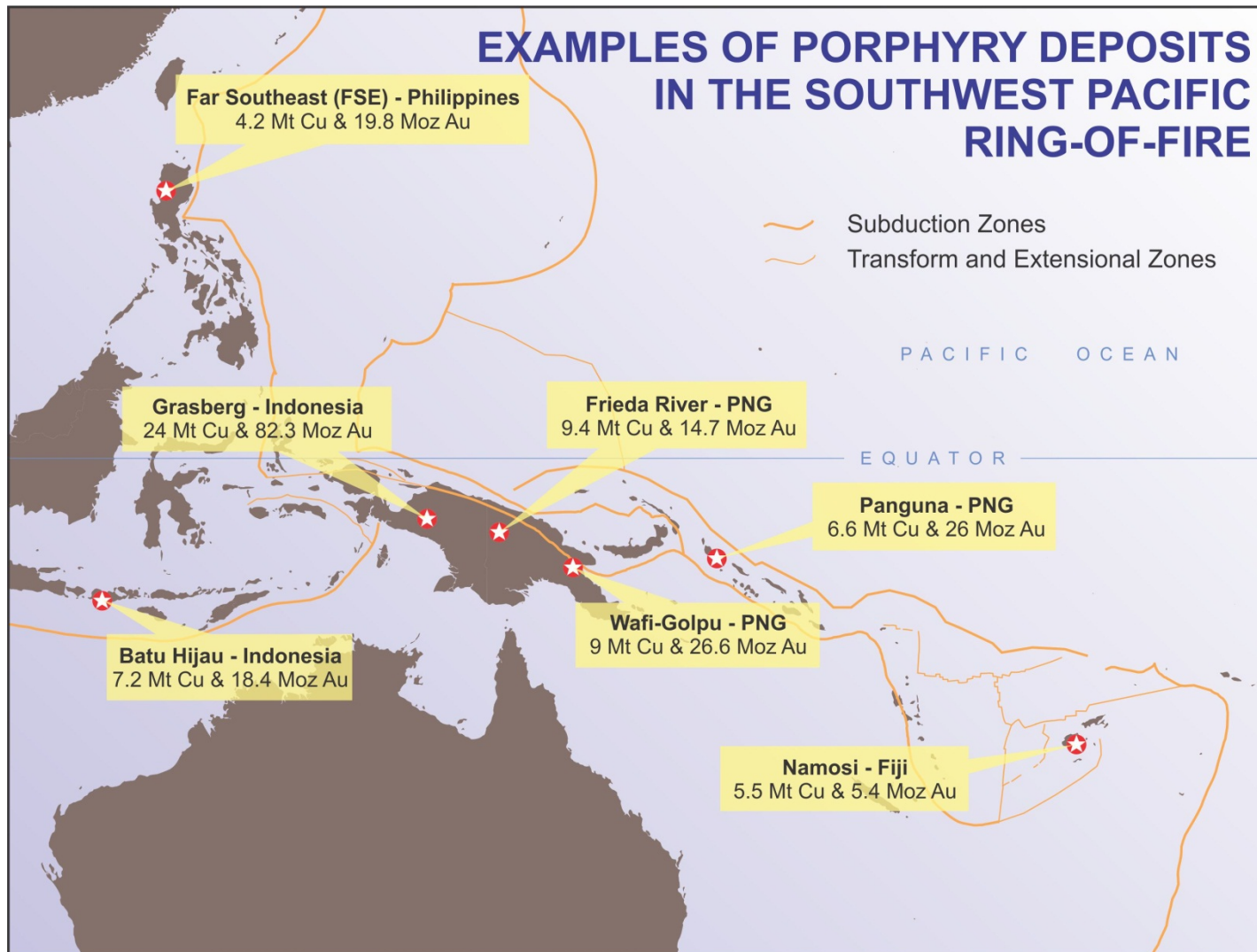
Laguna Bay Capital Pty Ltd	5,297,417	14.5%
Springtide Capital Pty Ltd	4,606,423	12.6%
HSBC Custody Nominees (Aus) Ltd	2,585,198	7.1%
Lujeta Pty Ltd	2,135,000	5.8%
Quartz Mountain Mining Pty Ltd	1,782,419	4.9%
<b>TOTAL</b>	<b>16,406,457</b>	<b>44.9%</b>

## DIRECTORS

Mr Stephen Timothy Biggs	Non Exec. Chairman
Mr Charles Bass	Executive Director
Dr Russell Fountain	Non-Exec Director
Mr Ian Simpson	Non-Exec Director
Mr Roger Harvie Probert	Alternate Director to I. Simpson
Mr Grahame Clegg	Company Secretary

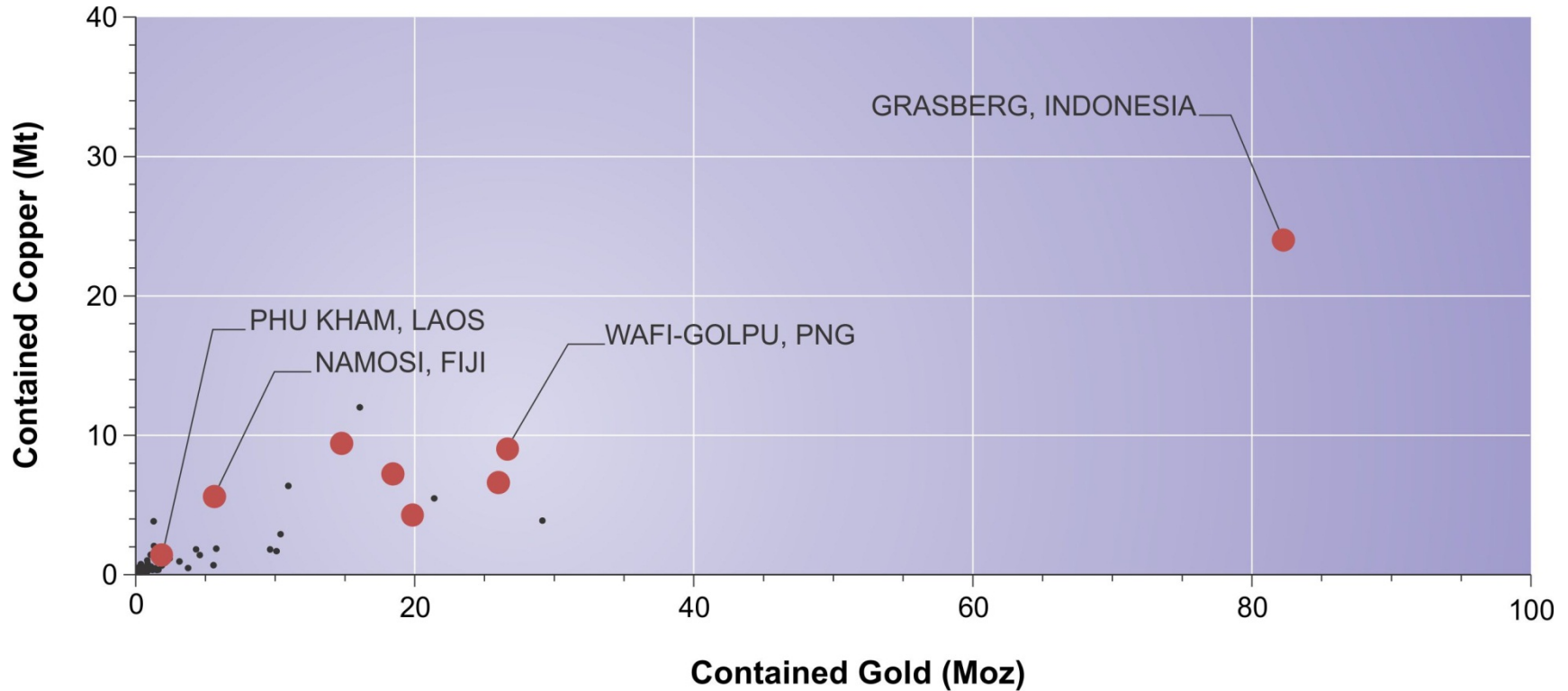
# PORPHYRY DEPOSITS SOUTHWEST PACIFIC

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# PORPHYRY DEPOSITS SOUTHWEST PACIFIC

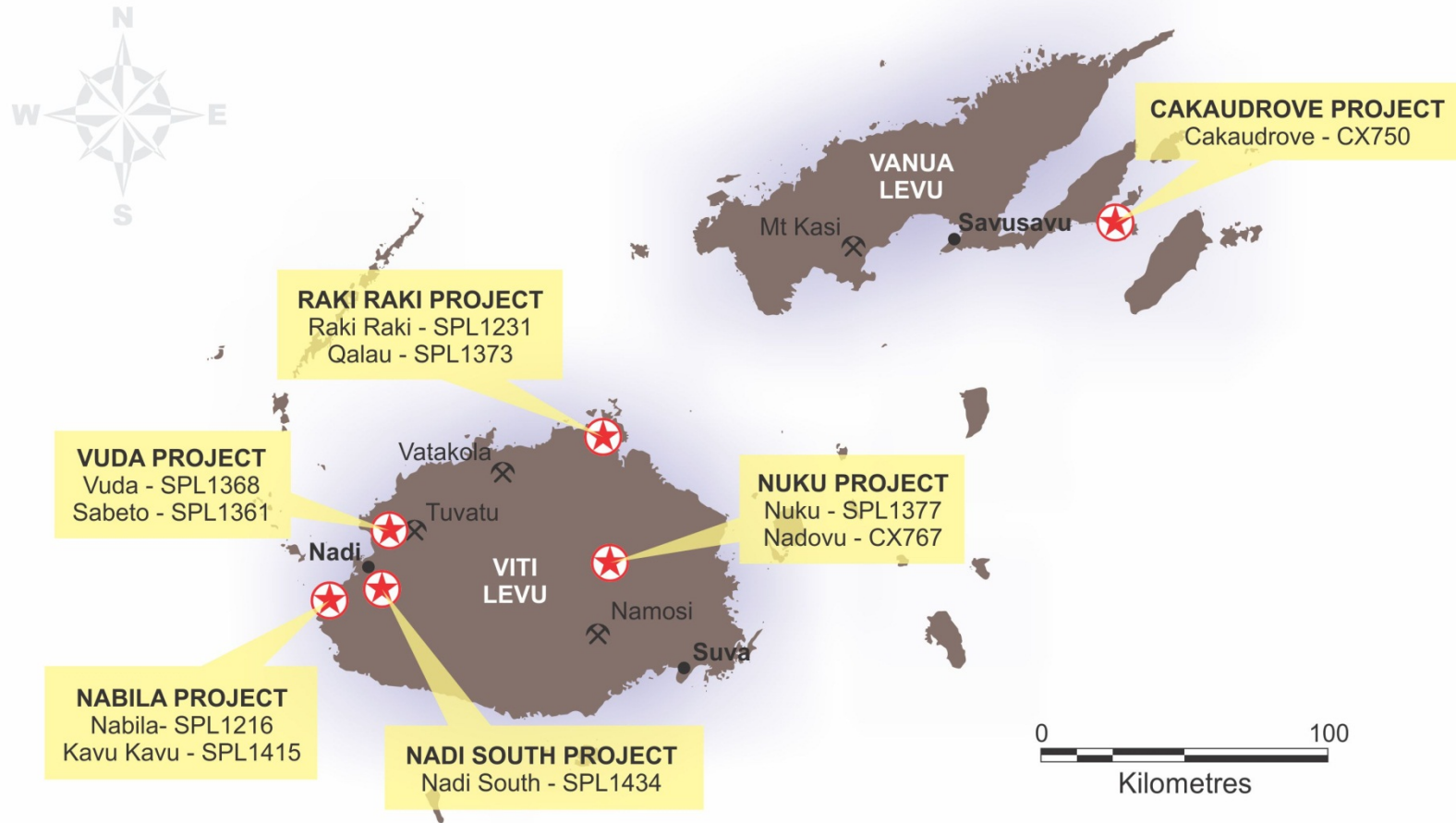
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\*Data from USGS, 2008

# PROJECT OVERVIEW

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# EXPLORATION OVERVIEW

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- Geopacific Resources is exploring for large porphyry Cu-Au systems
- Geopacific Resources are currently:
  - Utilising modern exploration techniques (ZTEM geophysical surveys)
  - Revisiting old data using new data processing methods
- Work programmes currently underway:
  - Trenching and soil auger geochemistry of Sabeto
  - Drilling 850m deep diamond hole at Nabila testing ZTEM anomaly
  - 3D processing of Cakaudrove ZTEM data
- Short-term field programmes:
  - Planning drill locations at Sabeto
  - Soil auger sampling at Vuda
  - Trenching at Raki Raki



# GEOPHYSICS – ZTEM

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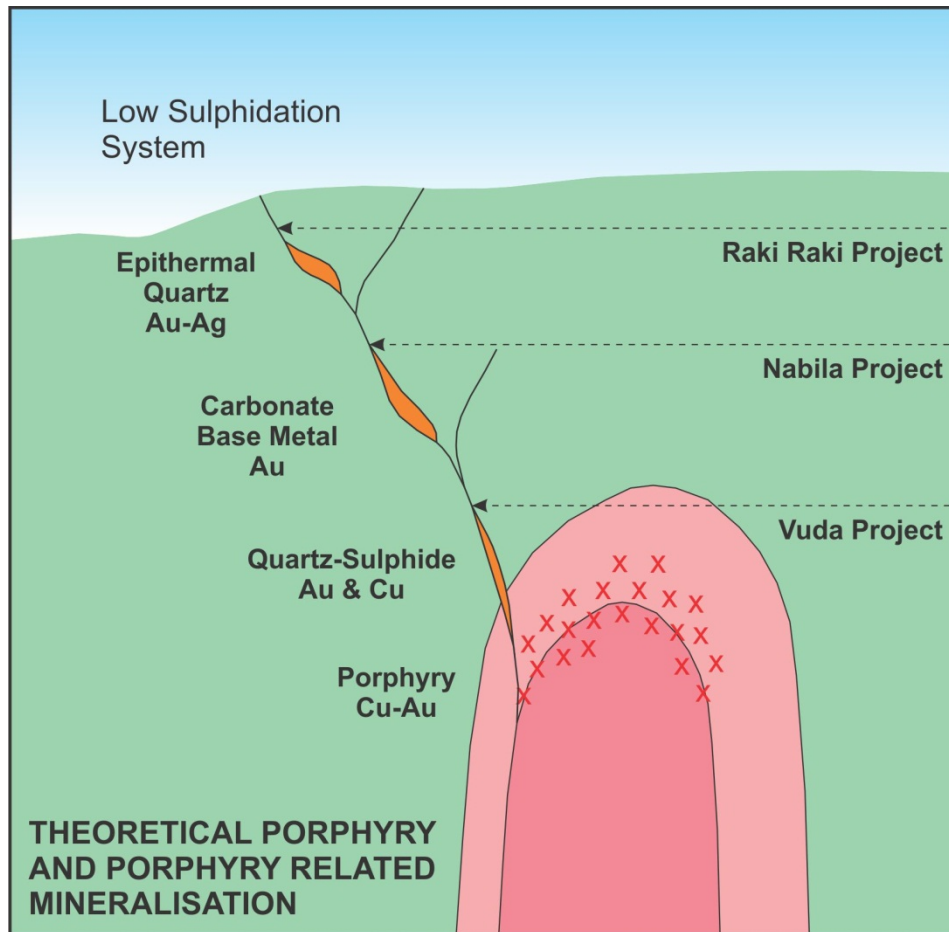


- Geopacific completed ZTEM geophysical surveys over most of it's project areas:
  - Nabila, Vuda, Sabeto, Nadi South, Raki Raki, and Cakaudrove
- New, state-of-the-art geophysical technique, used predominantly as a deep (~1-2km) geological/alteration mapping tool
- Measures small electrical pulses from lightening strikes
- Porphyry systems can produce both conductive and resistive anomalies



# EPITHERMAL/PORPHYRY CU-AU MODEL

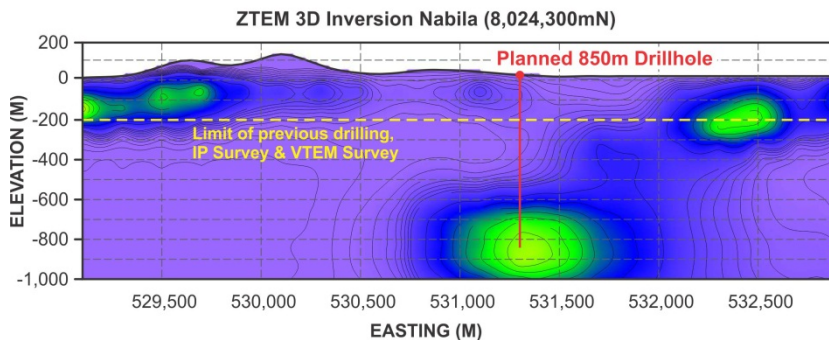
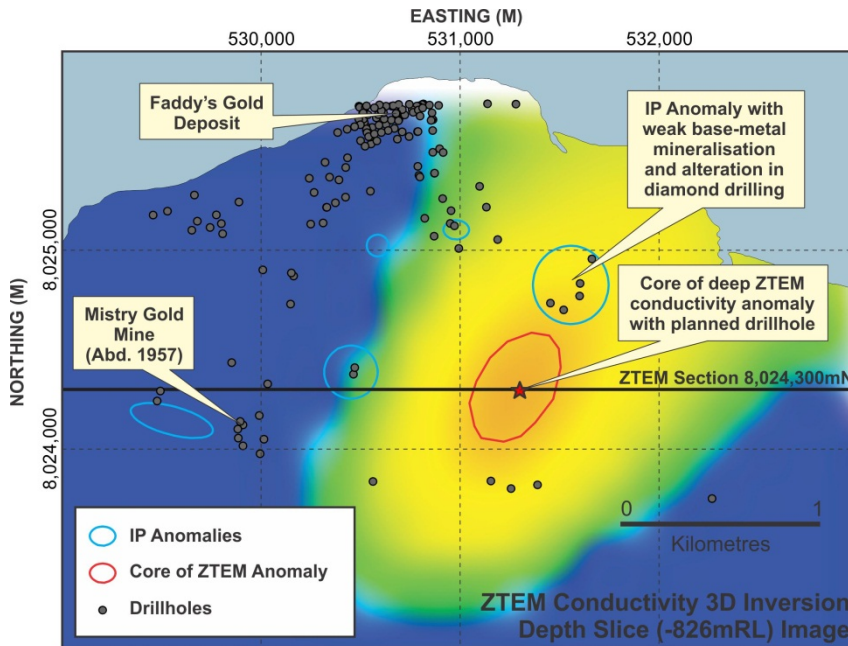
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- Possible position of Geopacific projects within a porphyry system model
- Geopacific will test this theoretical model with drilling and surface geochemical techniques
- ZTEM has provided targets for drilling at Nabila, Vuda, & Sabeto
- Surface geochemistry will provide better targeting of drillholes

# NABILA PROJECT

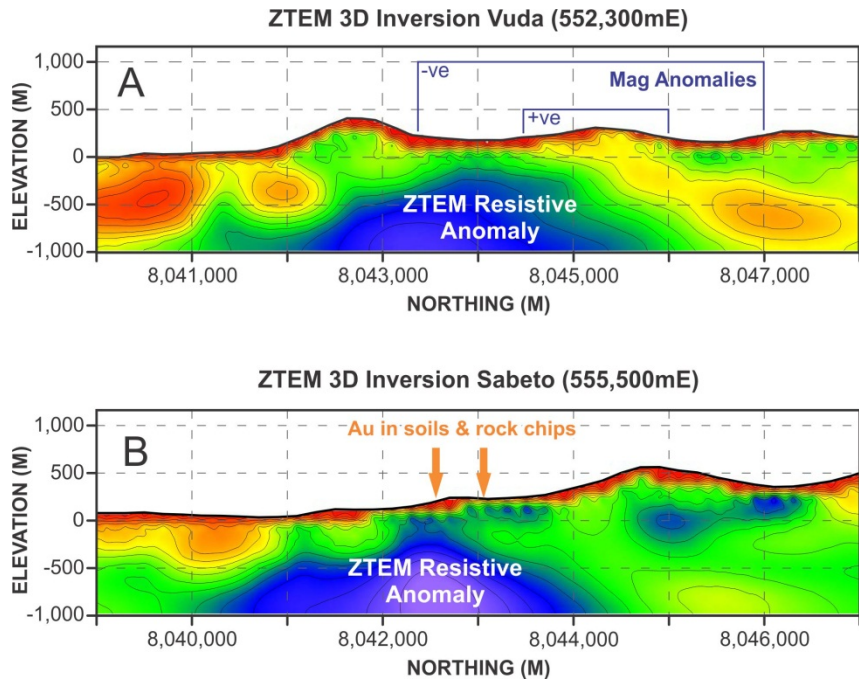
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- 3D inverted ZTEM data at Nabila identified a large conductive zone with a pronounced core (~1,000m x 500m)
- Cross-section through core of anomaly shows core to be ~750 metres below the surface
- Previous drilling over an IP anomaly close-by identified weak base metal mineralisation and alteration commonly associated with porphyry systems
- Observed mineralisation & alteration provide indicators for depth of system
- A deep (~850m) drillhole has started and expected completion is end of year with assays returned end of January

# SABETO & VUDA PROJECTS

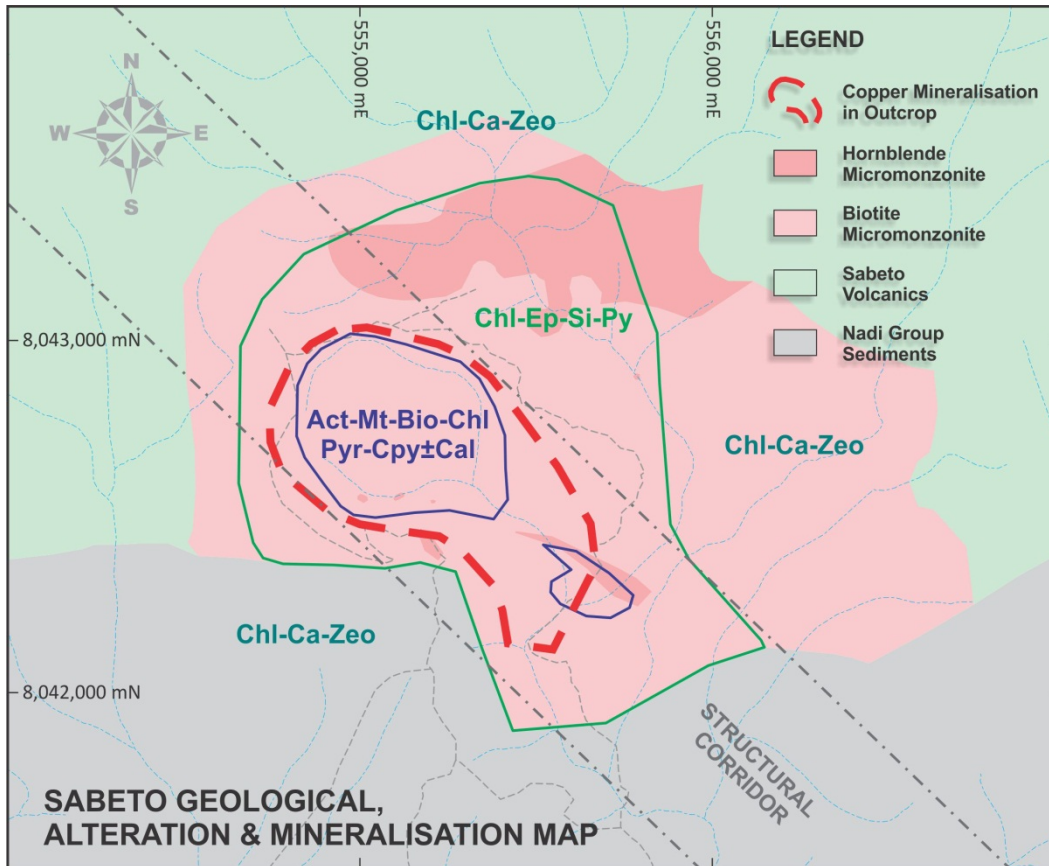
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- ZTEM sections at Vuda and Sabeto display a broad resistive anomaly at both projects
- Historic drilling near the resistor at Vuda contains intersections of gold mineralisation not followed up with deeper drilling
- Resistive anomaly coincident with gold & copper in soils and visible copper mineralisation in rock chips at Sabeto

# SABETO PROJECT

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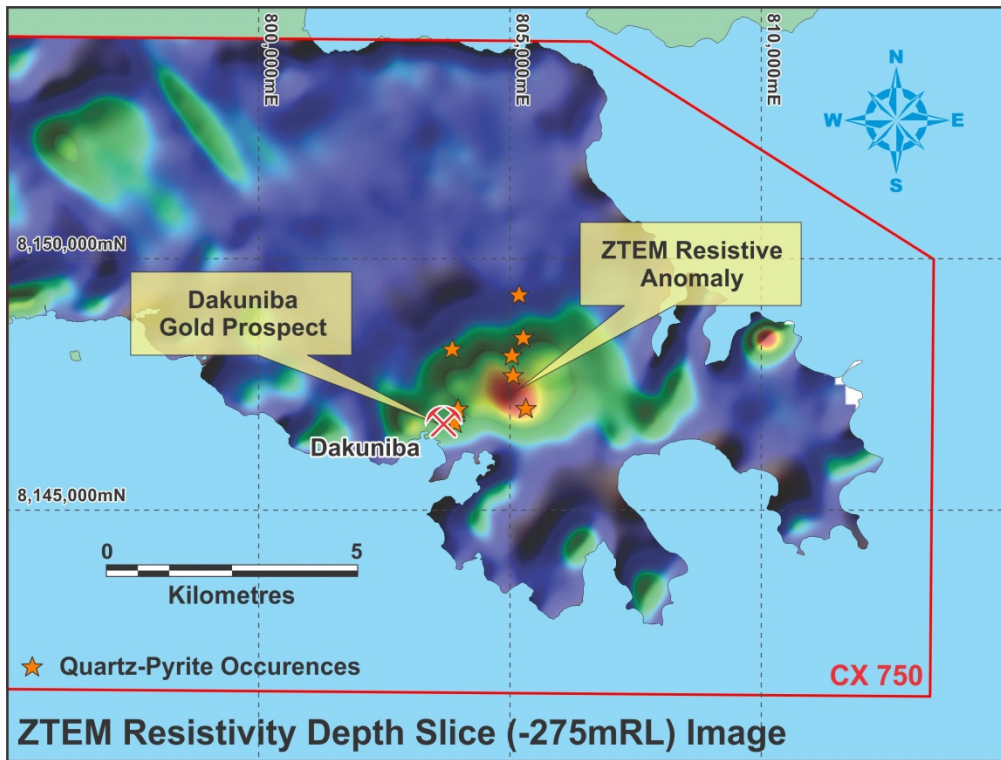


- Zoned alteration and multiple intrusive phases identified in the mapping indicate the potential for a deep mineralised porphyry system
- Copper mineralisation observed in outcrop provide broad target for follow up trenching/drilling
- Trenching currently being utilised to provide more effecting drill targeting



# CAKAUDROVE PROJECT

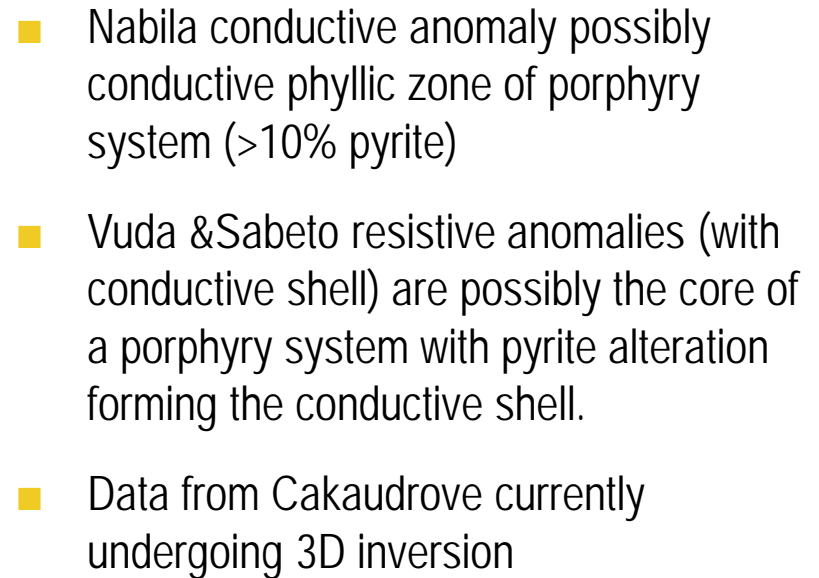
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- A circular resistive ZTEM anomaly identified
- Anomaly is coincident with a known gold occurrence (Dakuniba Gold Prospect) and several quartz-pyrite vein outcrops
- Historic work identified a zone of NW-trending quartz veining carrying gold, silver, and base metals

- Initial field visits confirmed findings from previous work completed, and identified further veining and mineralisation not previously noted

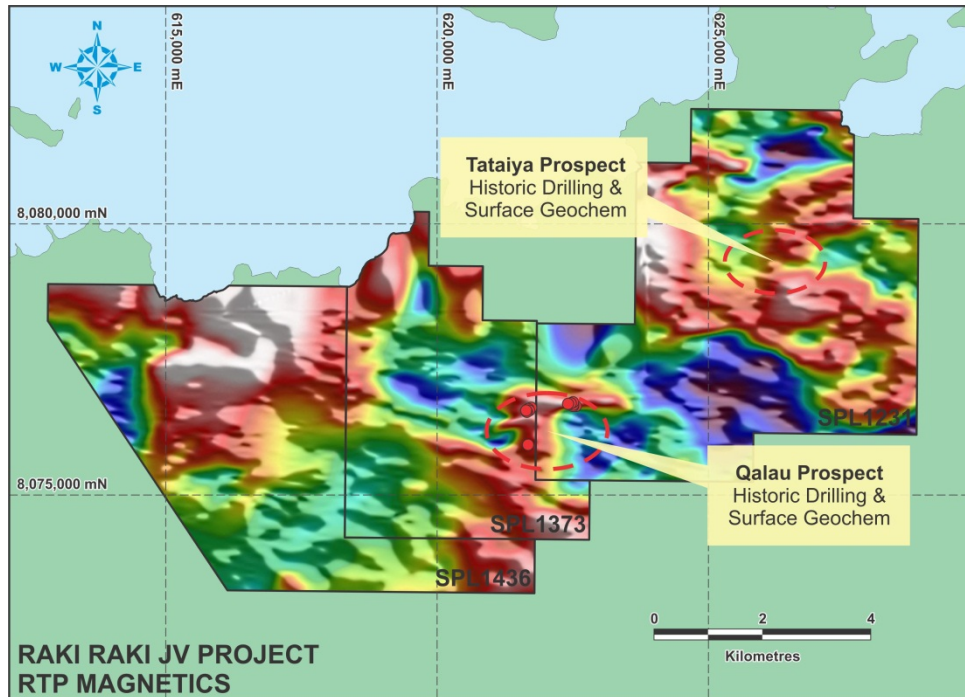
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# RAKI RAKI PROJECT

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- Previous work on some prospects was seen to have been insufficient and hasn't tested prospects effectively
- Observations from recent field work indicated that the mineralised system may be deeper than previously thought

- Future work planned includes:
  - Metal zonation studies on previously sampled core from various prospects might provide a indication of the level of the current mineralisation in the system
  - Further trenching at one prospect is aimed at identifying strike extension and dip indications of an untested vein system

# GPR – EXPLORATION DIARY 2012

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- Geopacific is committed to exploring for and identifying mineralising systems within the project areas using modern exploration techniques
- Geopacific has many exploration programmes planned for 2012:
  - Initial drill testing of Nabila, Sabeto, and Vuda ZTEM anomalies
  - Drill testing of theoretical model at Raki Raki (deeper target than previously tested)
  - Surface geochemical surveys over most project areas including:
    - Sabeto (Current)
    - Raki Raki, Cakaudrove, & Nabila (Planned)
  - Ongoing geophysical data processing & interpretations at all projects
  - Ongoing geochemical and drilling data processing and interpretations at all projects
- It is anticipated that all this field and office-based work will result in further drilling and a better understanding of the geology of the projects

# EXPLORATION BUDGET 2012

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NABILA PROJECT	METRES		TOTAL COST
Drilling	2,000	\$	500,000
Surface Geochemistry		\$	20,000
Other		\$	10,000
VUDA PROJECT			
Drilling	2,000	\$	500,000
Surface Geochemistry		\$	100,000
Other (mostly option payments)		\$	200,000
RAKI RAKI PROJECT (50% GPR)			
Drilling	1,000	\$	250,000
Surface Geochemistry		\$	50,000
Other		\$	10,000
CAKAUDROVE PROJECT			
Surface Geochemistry		\$	80,000
Other		\$	25,000
TOTAL	5,000	\$	1,745,000

# CONTACT DETAILS

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