FRONTIER RESOURCES LTD

ASX - FNT

www.frontierresources.com.au

Investor Briefing Roadshow

ASX - FNT, Frankfurt - TG5

June 2007

Welcome

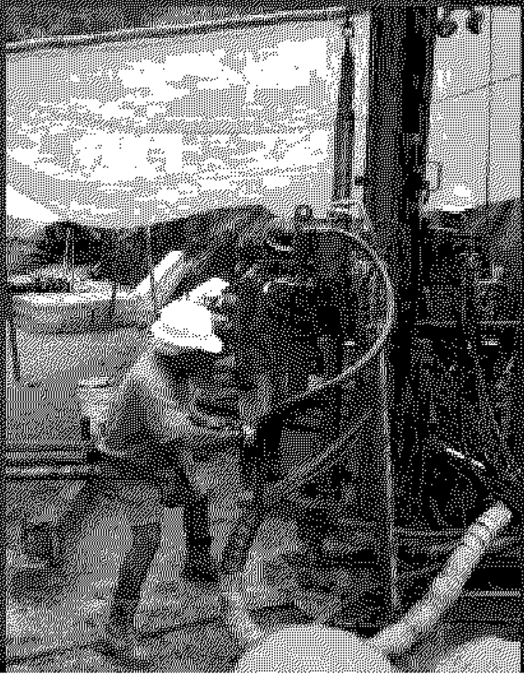
Cautionary Note

- Resources referred to in this presentation were released to the ASX on 18th June 2007
- Please refer to that release for details of the resource estimation procedure and for details on calculation of copper equivalents, recoverability etc

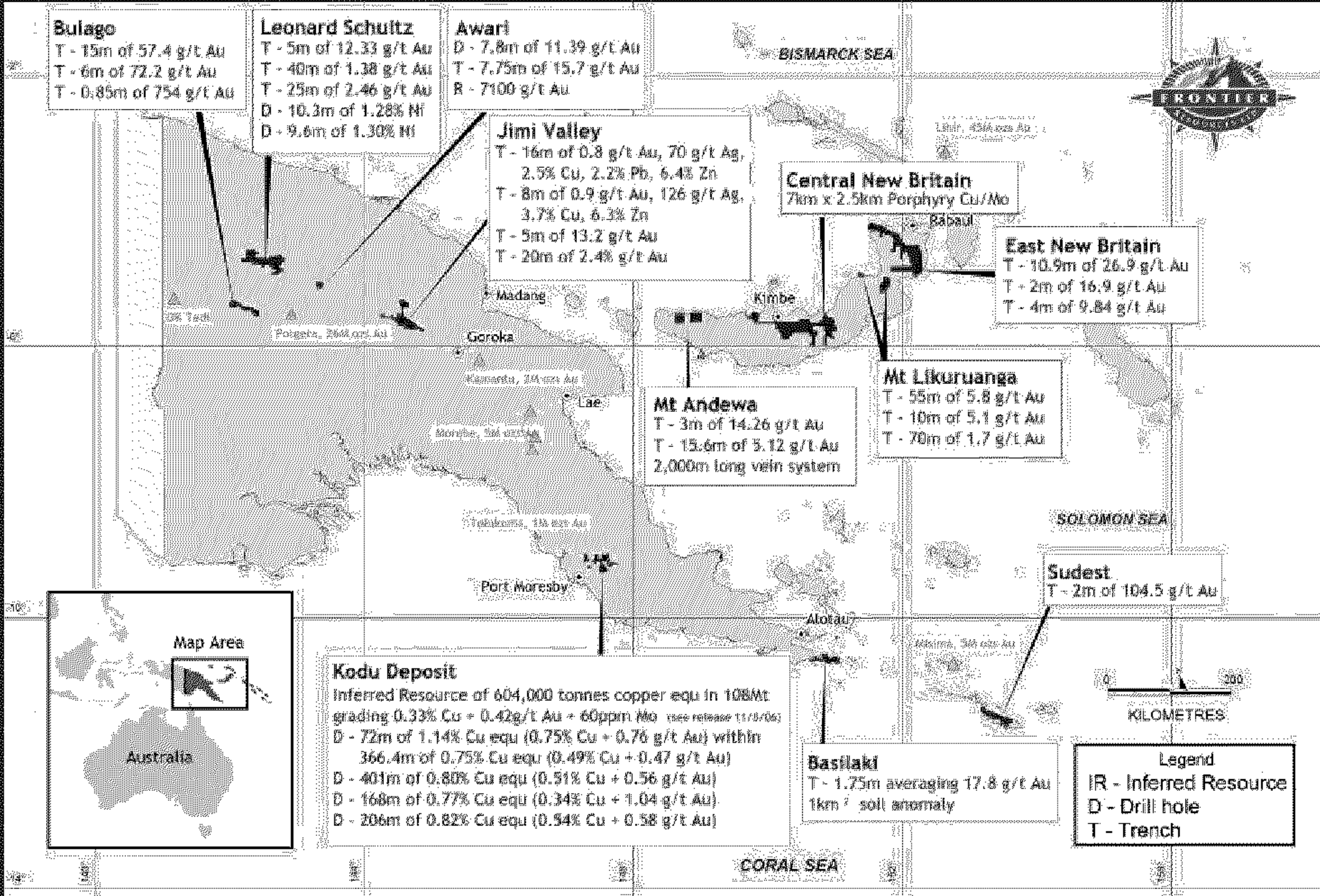
SUMMARY

- Frontier has a 100% interest in a 7,500 sq.km portfolio of 11 quality copper and gold properties in PNG
- The company also has 90% or 100% interest in 211 sq.km, with high-grade zinc-lead-silver-gold targets in the Mount Read Volcanics in Tasmania.
- The Flagship Project is the major Kodu Copper-Gold-Molybdenum Deposit containing 945,000 tonnes of copper equivalent grading 0.47% (203 Mt grading 0.28% Cu + 0.32 g/t Au + 73 ppm Mo).

SUMMARY



- The Bukuam Prospect is a major new, >2,000m long copper- gold- silver- molybdenum porphyry system, also with gold, zinc and silver in skarns.
- The Andewa gold Project has a ~2km long, extensively trenched, moderate grade (~5 g/t), multiple epithermal vein system.
- The Elo Prospect is a major 4 sq km copper- gold- silver- molybdenum porphyry system.
- Potential for exploration success is considered to be very good.


Bulago
T - 15m of 57.4 g/t Au
T - 6m of 72.2 g/t Au
T - 0.85m of 754 g/t Au
Leonard Schultz
T - 5m of 12.33 g/t Au
T - 40m of 1.38 g/t Au
T - 25m of 2.46 g/t Au
D - 10.3m of 1.28% Ni
D - 9.6m of 1.30% Ni
Awari
D - 7.8m of 11.39 g/t Au
T - 7.75m of 15.7 g/t Au
R - 7100 g/t Au
Jimi Valley
T - 16m of 0.8 g/t Au, 70 g/t Ag, 2.5% Cu, 2.2% Pb, 6.4% Zn
T - 8m of 0.9 g/t Au, 126 g/t Ag, 3.7% Cu, 6.3% Zn
T - 5m of 13.2 g/t Au
T - 20m of 2.4% g/t Au
BISMARCK SEA
FRONTIER
Central New Britain
7km x 2.5km Porphyry Cu/Mo
Rabaul
East New Britain
T - 10.9m of 26.9 g/t Au
T - 2m of 16.9 g/t Au
T - 4m of 9.84 g/t Au
Madang
Kimbe
Goroka
Lae
Mt Andewa
T - 3m of 14.26 g/t Au
T - 15.6m of 5.12 g/t Au
2,000m long vein system
Mt Likuruanga
T - 55m of 5.8 g/t Au
T - 10m of 5.1 g/t Au
T - 70m of 1.7 g/t Au
SOLOMOM SEA
Sudest
T - 2m of 104.5 g/t Au
Port Moresby
Alotau
Map Area
Australia
Kodu Deposit
Inferred Resource of 604,000 tonnes copper equ in 108Mt grading 0.33% Cu + 0.42g/t Au + 60ppm Mo (see release 11/8/06)
D - 72m of 1.14% Cu equ (0.75% Cu + 0.76 g/t Au) within 366.4m of 0.75% Cu equ (0.49% Cu + 0.47 g/t Au)
D - 401m of 0.80% Cu equ (0.51% Cu + 0.56 g/t Au)
D - 168m of 0.77% Cu equ (0.34% Cu + 1.04 g/t Au)
D - 206m of 0.82% Cu equ (0.54% Cu + 0.58 g/t Au)
Basilaki
T - 1.75m averaging 17.8 g/t Au
1km² soil anomaly
0
200
KILOMETRES
Legend
IR - Inferred Resource
D - Drill hole
T - Trench
CORAL SEA

STRATEGY FORWARD

Concentrate on improving the main asset at Kodu, while drill evaluating Frontier's other highly prospective gold and base metal targets

- Frontier is currently confirming and expanding the 100% owned Kodu Deposit's resource base with 2 drill rigs.
- A revised Inferred Resource has just been released
- Drilling will continue and a pre-feasibility study will be initiated to assess possible development paths.
- Frontier will also drill 3 excellent targets for the first time ever, being: Elo, Andewa and Bukuam commencing in June and Q3.
- Maintain and advance all other properties and seek JV partners to assist in their exploration & development.

CORPORATE DETAILS

• Ordinary Shares (FNT)	107,381,654
• Options (FNTO) (Nov 2007 – 20c)	58,071,562
• Directors Options	1,600,000
• Employee Options	3,605,000
• 2700 shareholders	Top 20 ~45% Directors ~15%

- Market Capitalisation is about $13 million
  (Share price 4/5/07 of 12.5 cents)

BOARD OF DIRECTORS AND MANAGEMENT

- **Peter McNeil**

Managing Director B.Sc., M.Sc., Geologist
21 years exploration (12 years corporate) experience in PNG incl. Lihir, Tasmania and WA. Drilled the 'discovery' holes in 1992 / 1993 at Sunrise Dam (Delta) and Nimary (Eagle Mining) that are now major mines.

- **Bob McNeil**

Non Executive Chairman B.Sc. Hon., M.Sc., Geologist
45 years managerial, mineral exploration and mining expertise including 26 years experience in PNG

- **Warren Staude**

Non Executive Director B.Sc., M.Sc. (Min Economics)
40 years experience in mining and exploration

- **Graham Fish**

Non Executive Director B.Sc., Dip.Ed., M.Ed., Geologist
30 years experience in management & administration

- **Rob Reid**

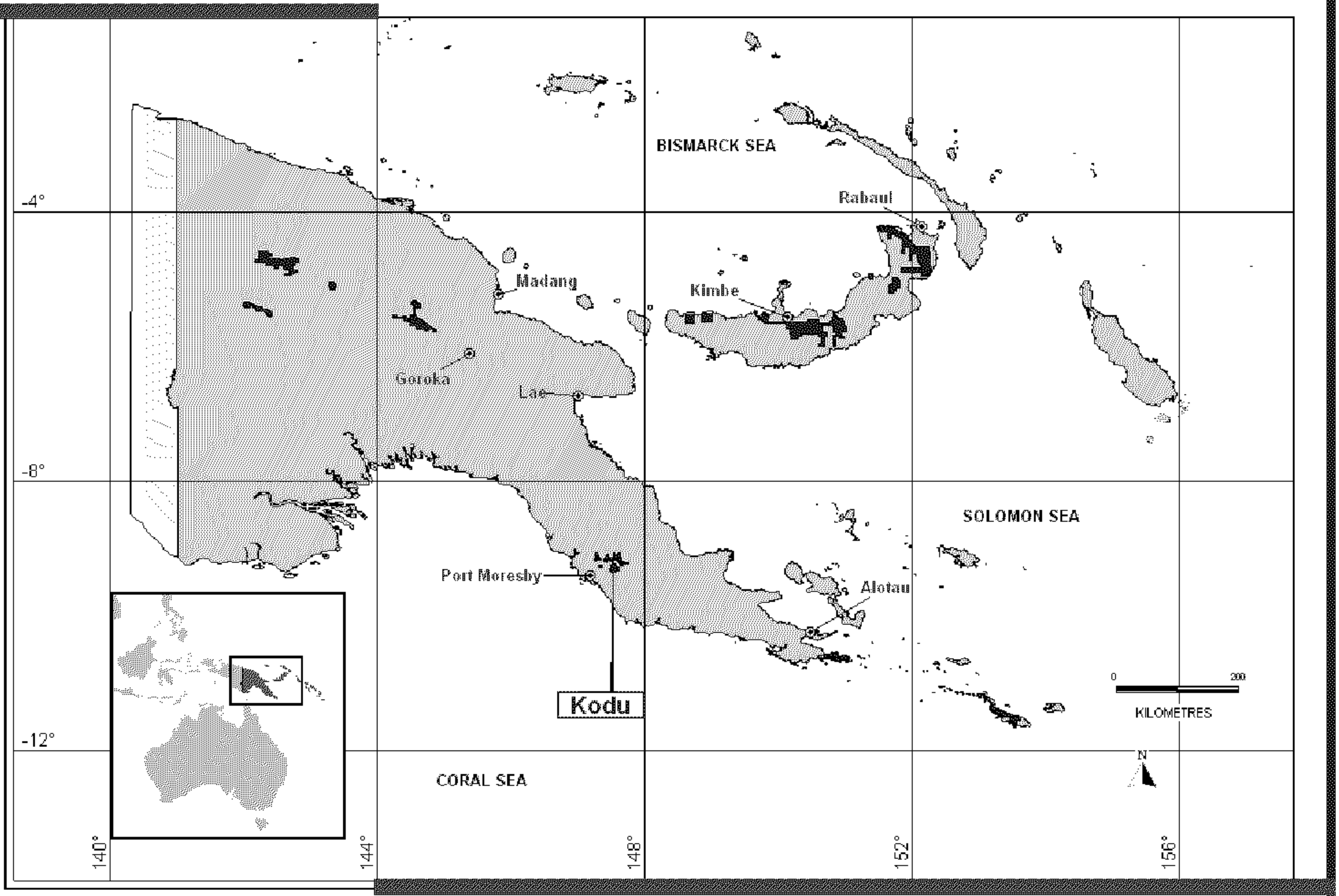
Exploration Manager B.Sc., M.Sc. (Econ. Geol.), Geologist
16 years exploration experience (including GIS & Govt.)

- **Trevor Grigson**

Drilling / Logistics Manager
18 years mineral exploration experience, including 12 in PNG

ATTRIBUTES OF PAPUA NEW GUINEA

- Westminster Style Government
- Well defined mining and taxation law (based on QLD)
- English language is spoken
- Separate political and judicial powers
- Australian influence since Independence in 1975
- **Frontier believe that Papua New Guinea is an excellent country in which to explore for and develop mines**


BISMARCK SEA
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SOLOMON SEA
Port Moresby
Alotau
Kodu
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200
KILOMETRES
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CORAL SEA
-4°
-8°
-12°
140°
144°
148°
152°
156°

MT BINI – KODU DEPOSIT

To early May 2007, 25 holes have been drilled for about 9,000m

Some holes are consistently mineralised from near surface to EOH, with grades often INCREASING with depth and include:

401m of 0.80% Cu equiv. (0.52% Cu + 0.57g/t Au + 46 Mo)
366.4m of 0.75% Cu equiv. (0.49% Cu + 0.47g/t Au +65 Mo)
338.6m of 0.75% Cu equiv. (0.54% Cu + 0.58 g/t Au + 40 Mo)

MT BINI – KODU DEPOSIT

A desktop economic study of a hypothetical copper- gold deposit in a relatively accessible location in PNG has been completed by AustGold Consulting Pty Ltd. The study was based on 120 and 200 million tonne bodies of mineralisation grading 0.36% Cu + 0.47 g/t Au.

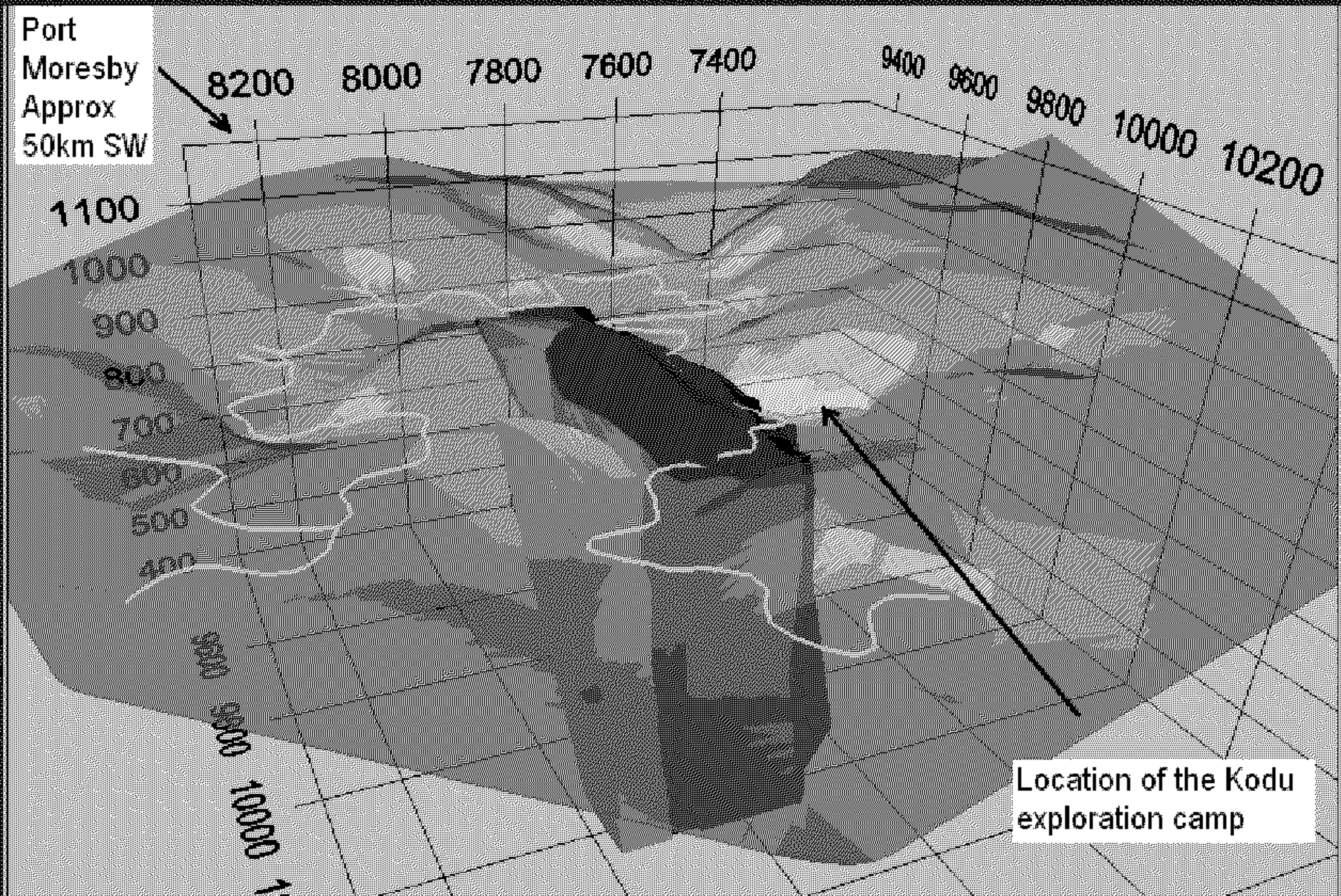
The results are highly encouraging.

Hypothetical Deposit Grading 0.36 % Cu + 0.47 g/t Au	Throughput (TPA)	Capital Cost	Copper Price (lb)	Gold Price (Oz)	NPV	IRR	Cumulative Cash Flow
120 million	12 million	$235 million	$1.30	$500	$57 million	16.3%	$481 million
			$2.80	$640	$516 million	55.1%	$1,301 million
200 million	20 million	$483 million	$1.30	$500	$251 million	22.3%	$1,230 million
			$2.80	$640	$1,015 million	53.3%	$2,597 million

NB: All costs in United States Dollars

Management caution that the above figures, including the tonnage/ grade, capital cost, cash flows, NPV's and IRR's are indicative only and cannot be relied upon until confirmed by a feasibility study. The results confirm that further drilling to increase / better define the resource is warranted, tentatively followed by a pre-feasibility study.

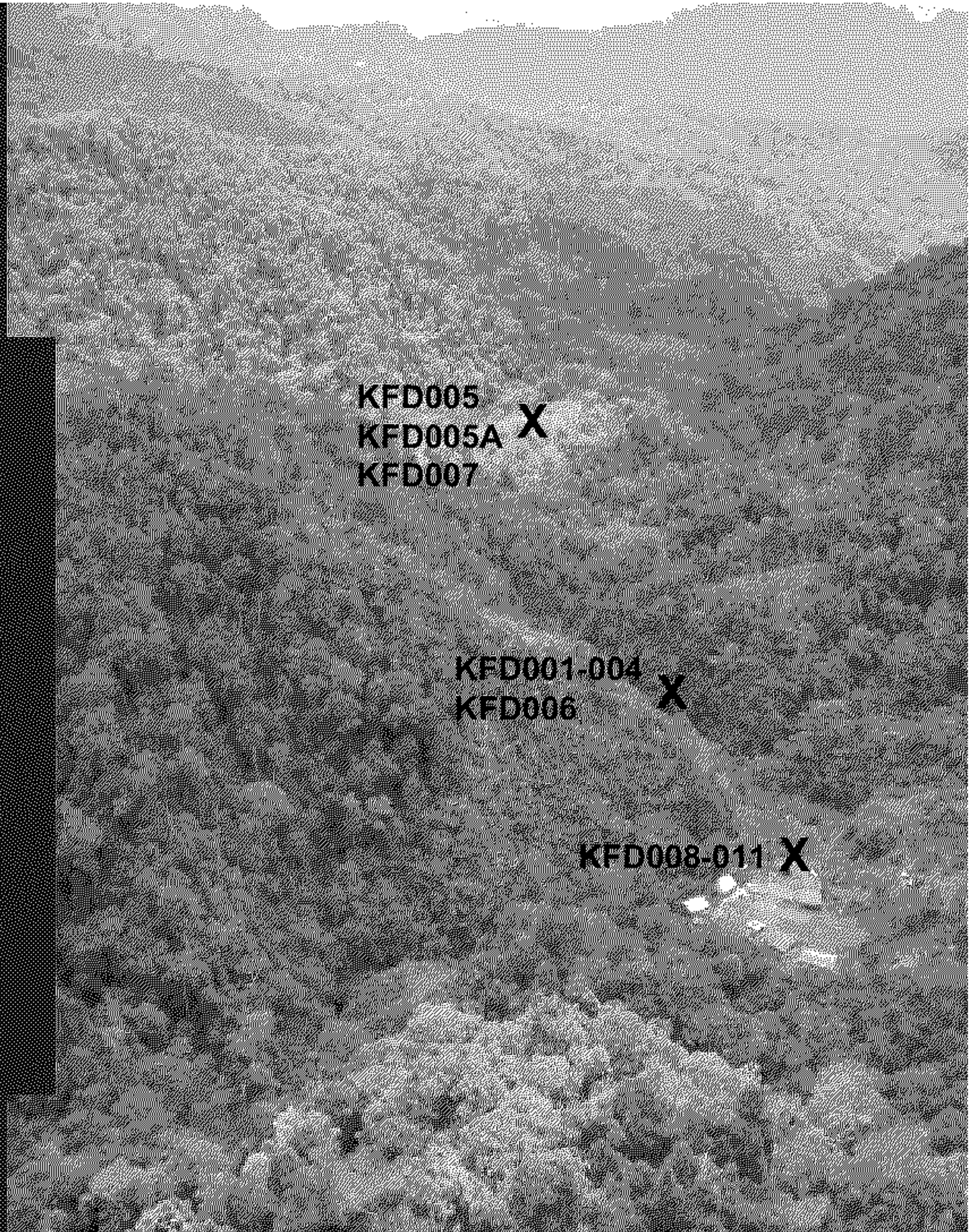
Kodu Deposit mineralised rocks projected to surface and viewed to the southwest. The deposit dimensions are currently up to 400m wide, 650m long and 650m deep.



Kodu camp and drill pads looking to the SW.

The deposit occurs in the centre and left of the photo from the foreground past the ridge in sunlight.

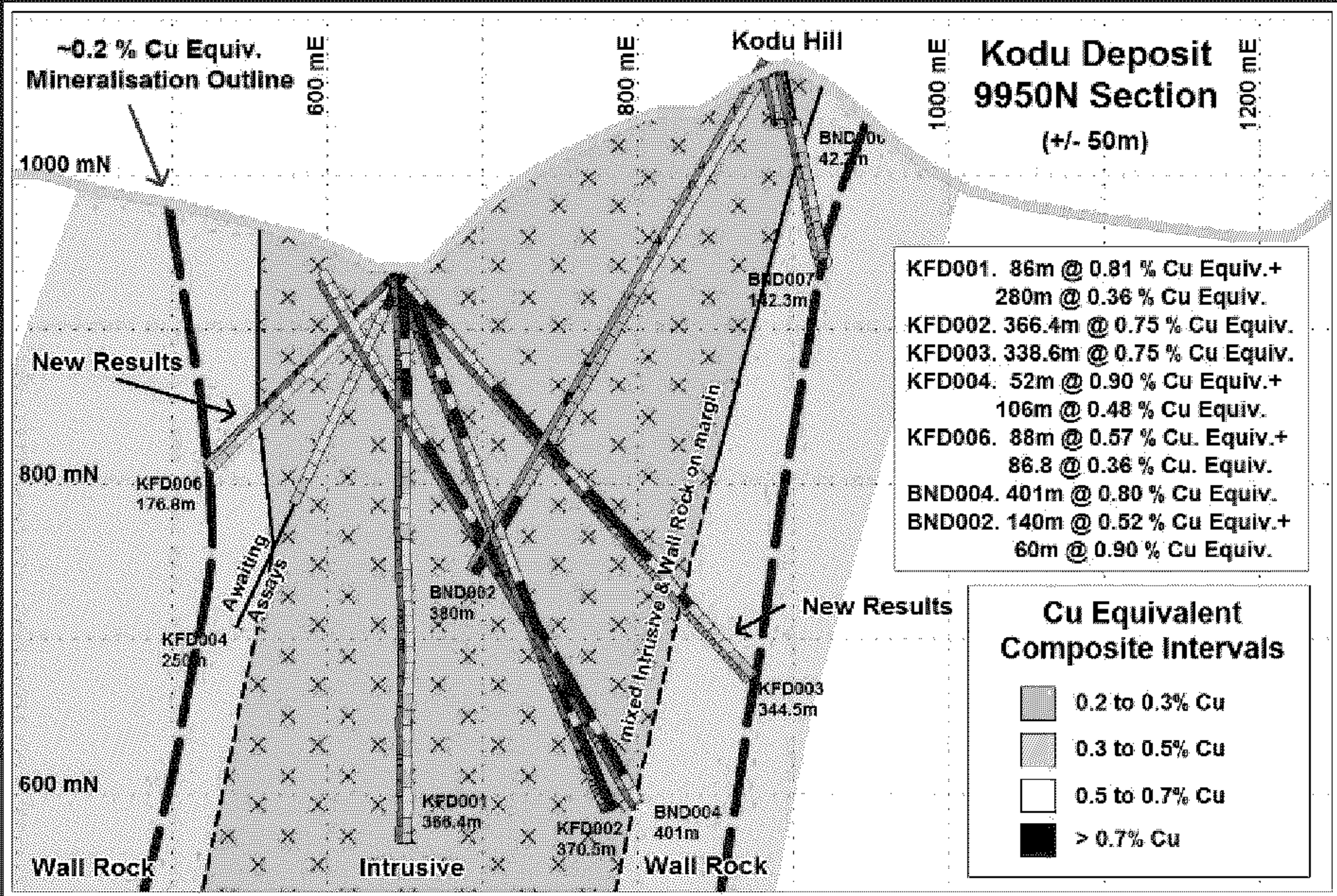
The X marks Frontier drill pads



MT BINI – KODU DEPOSIT

There is good scope to significantly increase the Inferred Resource at Kodu

- Open along strike to the SW and apparently fault offset to the NE
- Open at depth (known to ~650m vertically)
- Wallrock is mineralised in addition to the porphyry
- Strong correlation of mineralisation with analytical signal anomalies – magnetite, with 3 anomalies still to be drilled (only 1 tested to date)

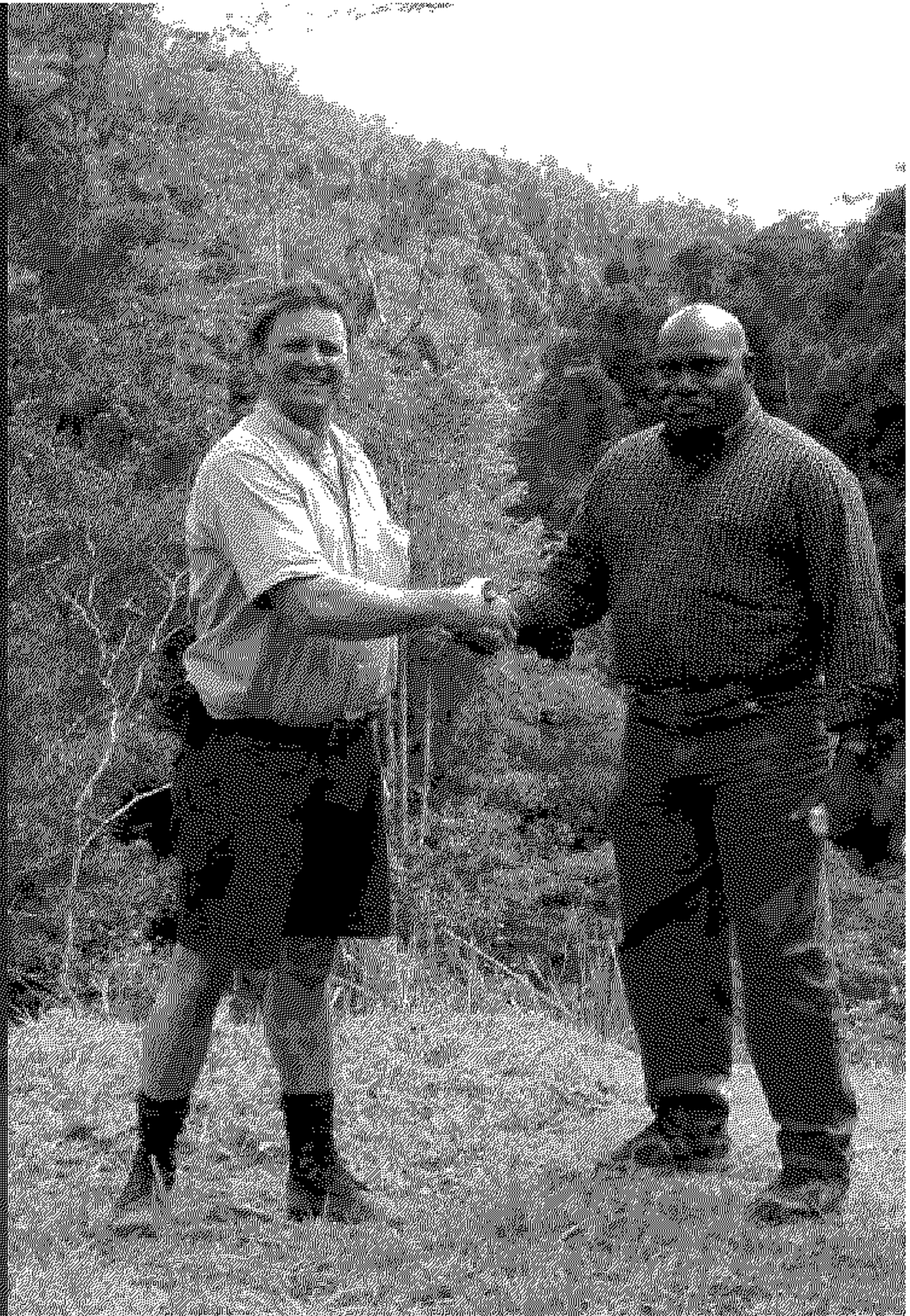

Kodu Deposit
9950N Section
(+/- 50m)
~0.2 % Cu Equiv.
Mineralisation Outline
Kodu Hill
600 mE
800 mE
1000 mE
1200 mE
1000 mN
800 mN
600 mN
New Results
New Results
Awaiting Assays
mixed Intrusive & Wall Rock on margin
KFD006 176.8m
KFD004 250m
BND002 380m
KFD001 366.4m
KFD002 370.5m
BND004 401m
KFD003 344.5m
BND007 142.3m
Wall Rock
Intrusive
Wall Rock
KFD001. 86m @ 0.81 % Cu Equiv.+
280m @ 0.36 % Cu Equiv.
KFD002. 366.4m @ 0.75 % Cu Equiv.
KFD003. 338.6m @ 0.75 % Cu Equiv.
KFD004. 52m @ 0.90 % Cu Equiv.+
106m @ 0.48 % Cu Equiv.
KFD006. 88m @ 0.57 % Cu. Equiv.+
86.8 @ 0.36 % Cu. Equiv.
BND004. 401m @ 0.80 % Cu Equiv.
BND002. 140m @ 0.52 % Cu Equiv.+
60m @ 0.90 % Cu Equiv.
Cu Equivalent
Composite Intervals
0.2 to 0.3% Cu
0.3 to 0.5% Cu
0.5 to 0.7% Cu
> 0.7% Cu

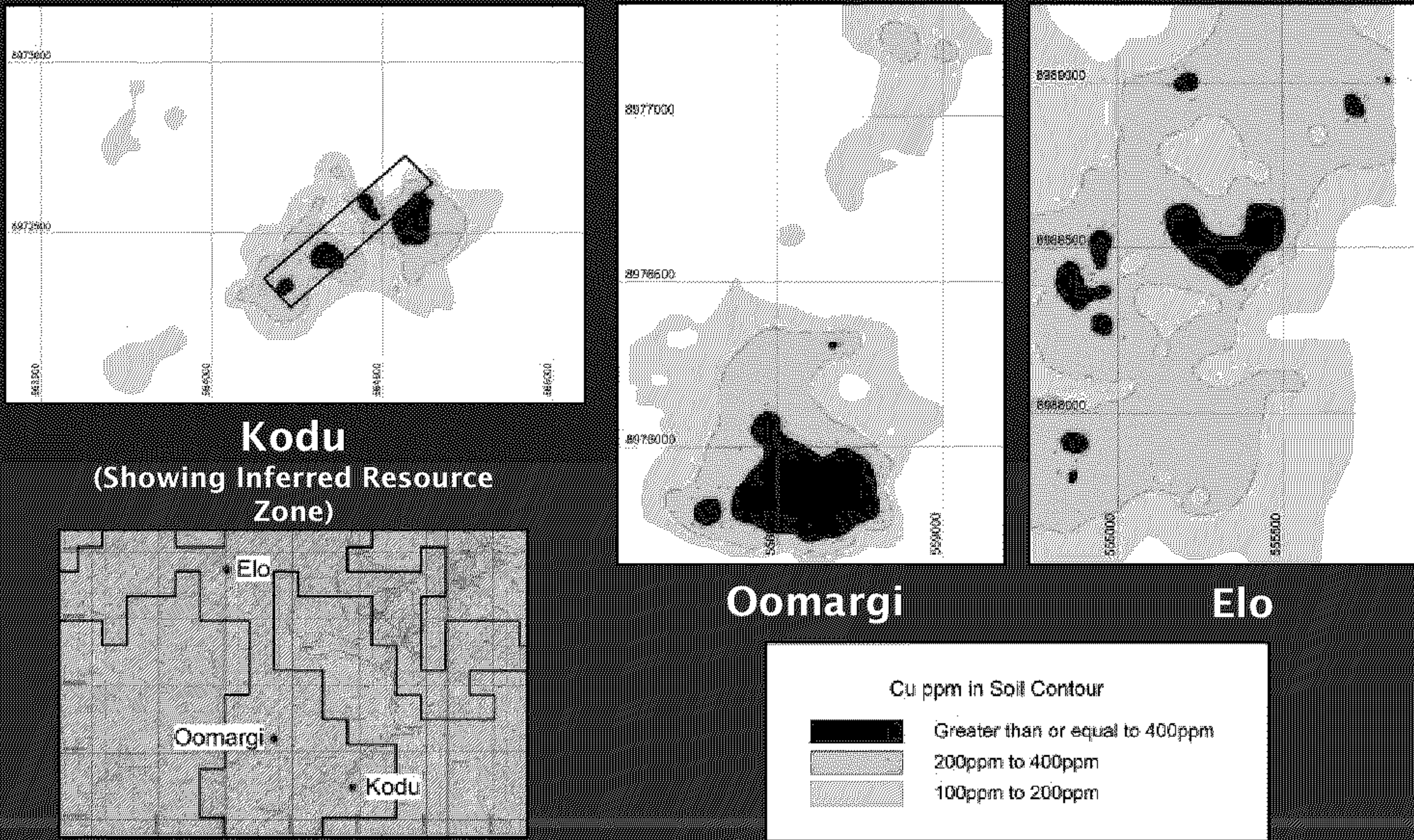
- Kodu has very good logistics and future development possibilities.

- It is located ~55 km NE of Port Moresby and ~20 km from the Hubert Murray Highway.

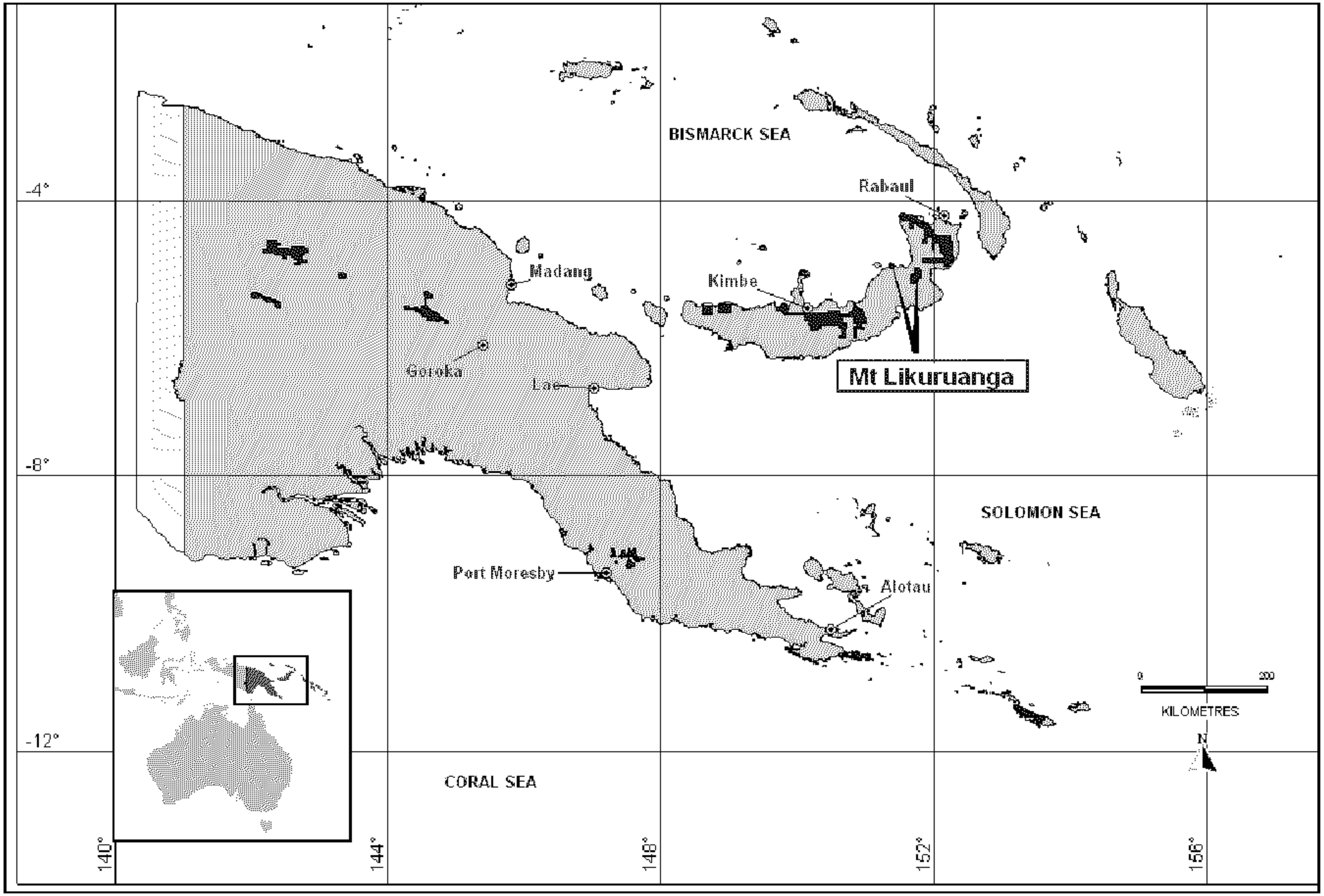
- An access /supply track to the deposit has been completed.

- The PNG Minister for Mining standing on the Kodu Deposit in October 2006, at the commencement of drilling.





Comparative Copper in Soil Geochemistry for Kodu, Oomargi and Elo Prospects, Reflecting Possible Relative Sizes of Mineralising Systems



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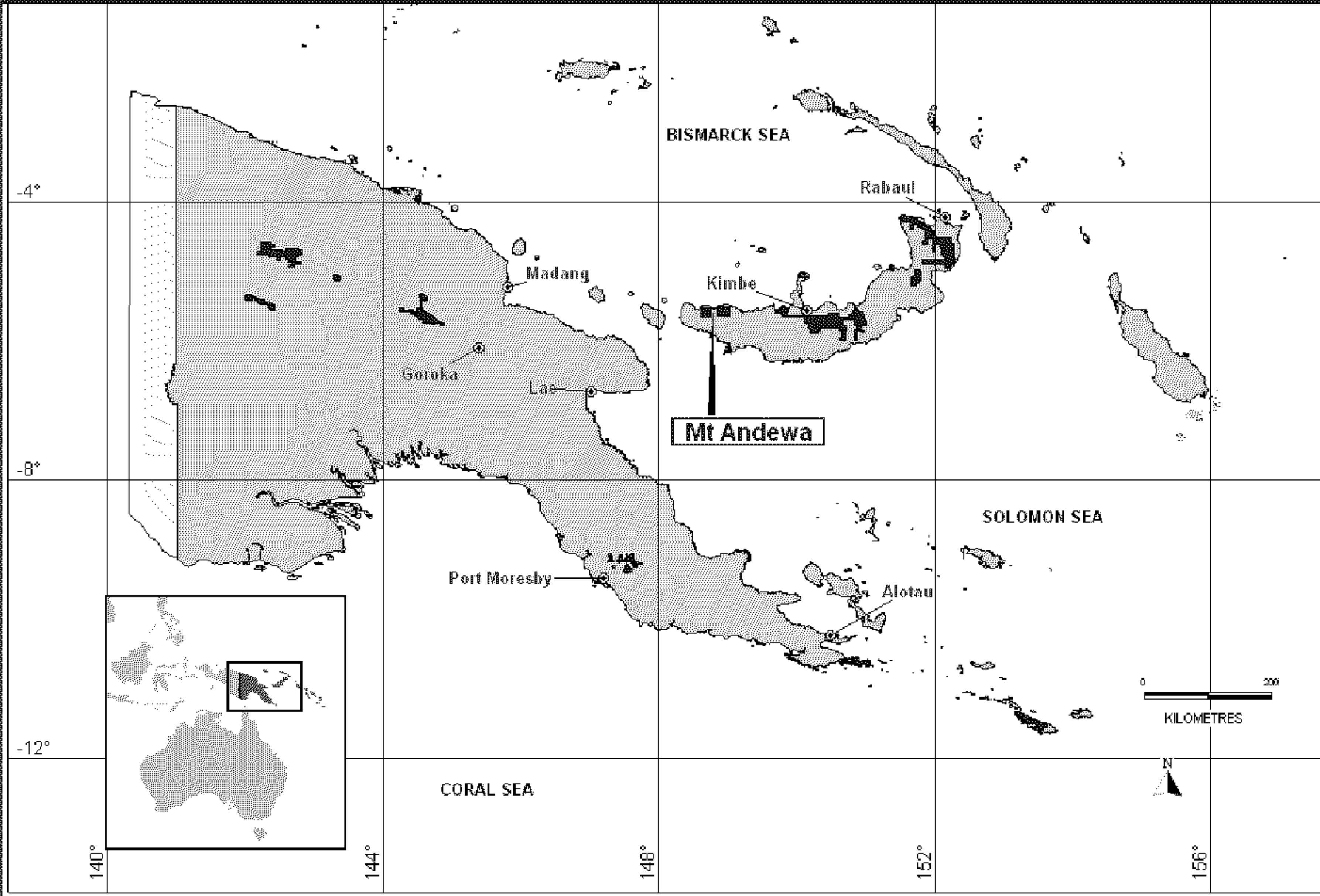
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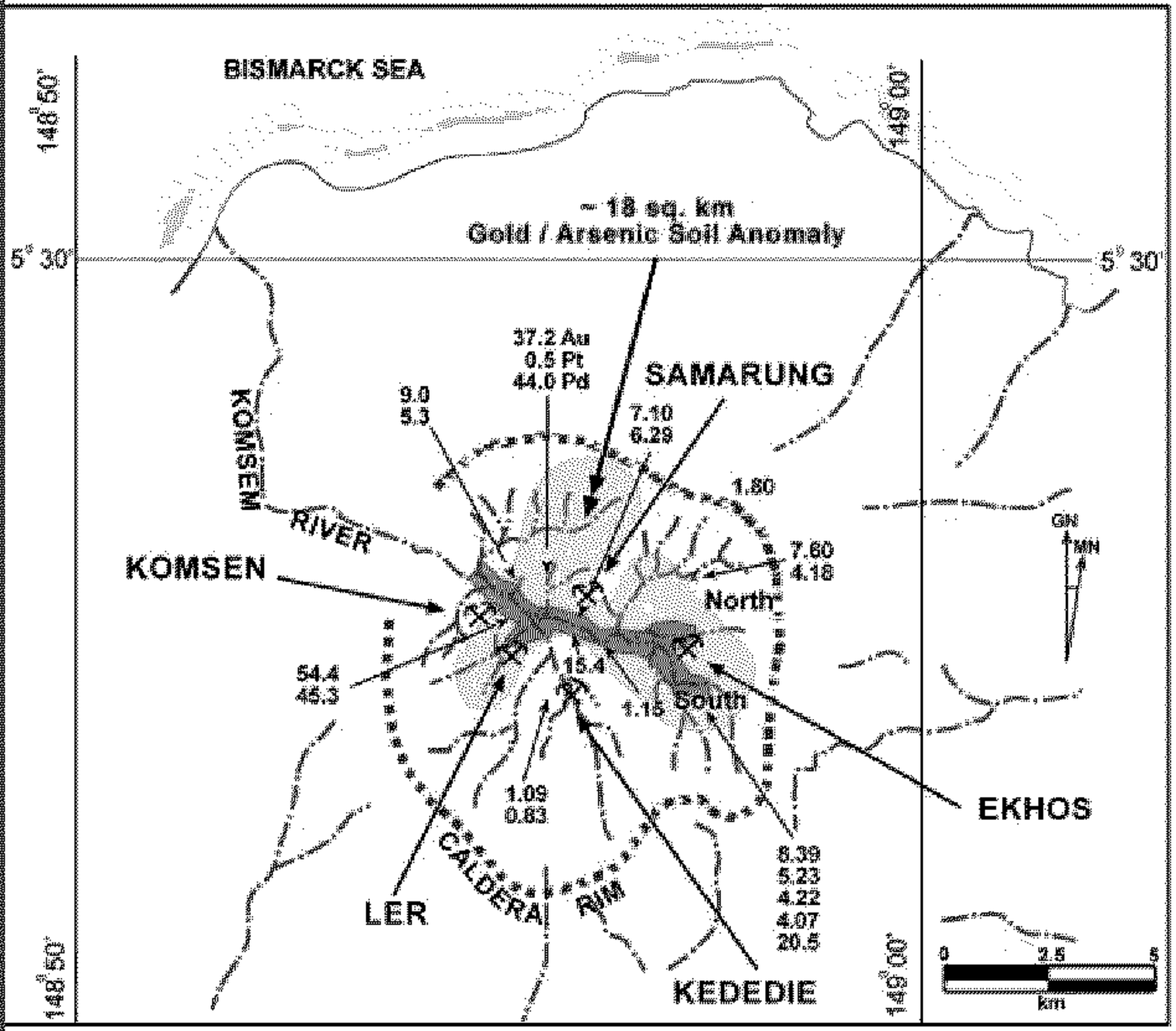
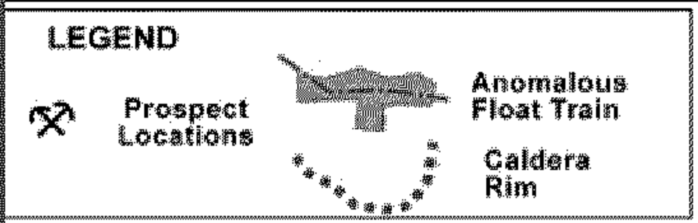
MT ANDEWA PROSPECTS

Epithermal / Intrusive Related Gold

- 5 undrilled prospects in coastal West New Britain, with gold located within a 7km x 2.5km NW trending structural zone + hydrothermal alteration in a caldera that is breached to the NW.
- Intend to drill & fast track evaluation of the 2,000m long multiple vein system at the Komsen Prospect to determine if near term gold mine development is feasible by low cost methods (vat leaching).
- Gold / arsenic anomalous soil geochemistry covers an embayed triangular shaped area of ~18 sq km.
- Assays include trenches to 3m of 14.26 g/t Au, 9m of 6.80 g/t Au, 5.6m of 5.12 g/t Au and 9m of 6.06 g/t Au, plus outcrop rocks to 58.4 g/t Au (often with high silver).
- Minimal historic exploration and a prospective tectonic setting.
- Drilling is scheduled to commence in June 2007





West New Britain Province
Papua New Guinea

EL 1345 - MT ANDEWA

Prospect Summary

ASSAY HIGHLIGHTS

>1000m long vein system at Komsen + 4 Additional Prospects

'NEVER DRILLED'

Trenches Include:

15.6m of 5.12 g/t Au
9m of 6.80 g/t Au
9m of 6.06 g/t Au

Rock Outcrop Include:

58.4 g/t
36.6 g.t Au + 64 g/t Ag
20.9 g/t Au + 179 g/t Ag
21.3 g/t Au + 179 g/t Ag
21.3 g/t Au + 115 g/t Ag

Rock Float Include:

37.2 g/t Au + 0.5 g/t Pt + 44 g/t Pd
54.4 g/t Au + 990 g/t Ag
45.3 g/t Au + 920 g/t Ag

Soils Include:

4.06 g/t Au 1.84 g/t Au
1.43 g/t Au 1.70 g/t Au
1.62 g/t Au 1.05 g/t Au
and 3.13 g/t Au

Stream Sediments Include:

0.629 g/t Au
0.577 g/t Au + 0.263 g/t Au

Pan Concentrates Include:

525 ug 270 ug 172 ug
166 ug 151 ug 84ug

Blue Sky Prospects/ Applications
Many never drilled

- Porgera type high-grade gold and bulk mineable deposits at Awari ELA with 5 prospects and rocks to 7,100 g/t Au, channel chips to 7.75m of 15.7 g/t Au, soils to 569 g/t Au and very limited drilling to 7.8m of 11.4 g/t Au.

- Bulago ELA contains very high gold grades associated with multiphase intermediate intrusives in narrow to moderate width structures with rocks to 197 g/t Au +363 g/t Ag, outcrop to 15m of 57.4 g/t Au, 6m of 72.2 g/t Au, 0.85m of 754 g/t Au, 2m of 220 g/t Au + a large and cohesive soil anomaly

- The undrilled Kru Prospect in Leonard Schultz ELA is defined by gold in soils to 51.1 g/t Au, over approximately 2,500 x up to 500m. Limited trenching includes results to: 5m of 12.3 g/t Au, 20m of 3.5 g/t Au, 15m of 3.7 g/t Au.

- Lateritic nickel in 2 auger holes ~2km apart with 10.3m of 1.28% Ni and 9.6m of 1.30% Ni + 0.13% Co.

Blue Sky Prospects/ Applications
Many never drilled

- 7,500 x 2,500m porphyry copper gold mineralised zone at Uasilau, with large area of advanced argillic alteration – possible high-sulphidation gold.
- Zinc +/-gold skarn plus an undrilled porphyry copper occurrence Pelepuna, located ~14km S of Uasilau Project (above).
- High grade gold quartz veins in altered intrusive suites with results to 151.2g/t Au in outcrop and 2m of 104.5g/t Au in trench at Sudest ELA
- 10.9m of 26.90g/t Au (incl. 1.0m of 148g/t Au), plus 2.0m of 16.90g/t Au, plus 4.0m of 9.84g/t Au in limited trenching.
- 40km strike length of the highly prospective Mt Read Volcanics in SW Tasmania with high grade zinc – lead – silver- gold mineralisation.
- Plus many other highly prospective prospects.

Competent Person Statement

The information in this report that relates to Exploration Results, Mineral Resources is based on information compiled by, or compiled under the supervision of Peter A. McNeil - Member of the Aust. Inst. of Geoscientists, , Anson Griffiths- Member of the Aust I.M.M and Robert. D. McNeil Fellow of the Aust I.M.M. Peter McNeil and Robert McNeil are Managing Director and Chairman of Frontier Resources, respectively and neither is a full time employee of Frontier and Anson Griffiths is Chief Geologist, Mine Development for New Guinea Gold Corporation. Peter McNeil, Anson Griffiths and Robert McNeil, have collectively sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2004 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter McNeil, Anson Griffiths and Robert McNeil consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

Notes :

- Copper Equivalent is the contained copper, gold, silver and molybdenum that are converted to an equal amount of pure copper and summed (based on assays of mineralised rock and actual metal prices). It is used to allow interpretation of the possible theoretical 'value' of mineralised rock, without consideration of the ultimate extractability any of the metals.

- Copper Equivalent is based upon metal prices of US$3.32/lb Cu, US$654/oz Au, US$32/lb Mo (57% MoO3 conc.) & US$13.20/oz Ag (12/6/2007). The formula used is Cu Equivalent* % = Cu(%) + Au(g/t) x 0.28728 + Mo(ppm) x 0.00115 + Ag(g/t) x 0.00580.

- Island Arc porphyry copper- gold- molybdenum deposits such as Kodu, typically recover contained Cu, Au, Mo and Ag (subject to metallurgical characteristics and prevailing metal prices).

- The ASX requires a metallurgical recovery be specified for each metal, however, no testwork has ever been undertaken at Kodu and recoveries can only be assumed to be typical for Island Arc porphyry copper - gold - molybdenum - silver deposits.

- It is the Company's opinion that each of the elements included in the metal equivalents calculation have a reasonable potential to be recovered if the project proceeds to mining.