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24th October 2006

Australian Stock Exchange
Company Announcements Office

Announcement

TRENCHING TO 21.6M OF 4.41G/T GOLD (INCL. 2M OF 24.22G/T GOLD), WITH VISIBLE GOLD DOCUMENTED IN 3 TRENCHES, KOMSEN PROSPECT, ANDEWA EL, PAPUA NEW GUINEA

Visible Gold has been located in 3 different hand trenches at EL 1345 - Andewa and channel sampling returned 21.6m of 4.41g/t gold (incl. 2m of 24.22g/t gold), 11.5m of 0.91g/t gold and 32.7m of 0.66g/t gold (incl. 15.3m of 1.07g/t gold). The relatively low tenor of gold noted in the latter 2 trenches indicates a large nugget effect is likely associated with the free gold and this will be further evaluated.

Good continuity has been noted in the vein/alteration system, with additional assay results including: 32.7m of 0.66g/t gold (incl. 15.3m of 1.07g/t gold), 3.0m of 8.28g/t gold (re-sample of the 3m of 14.3g/t gold), 8.0m of 3.14g/t gold (with >4g/t gold as last sample on each end), 4.5m of 2.23g/t gold and many other narrower or lower grade intervals. A peak of 43g/t silver in a 1m channel sample was noted and most of the samples collected were mineralised at >0.1g/t gold.

Mt Andewa is an eroded strata volcano with gold mineralisation related to past volcanic/intrusive activity such as has occurred at the Lihir Gold Deposit.

Deeply excavated hand trenching, plus re-opening/sampling of selected previous trenches and geological reconnaissance, was completed at the Komsen Prospect by the former JV partner last year. The goal was to track the gold mineralised clay-silica-quartz veins and document their gold grades. The results from 317 trench channel and rock chip samples, plus 27 composited soil samples have now all been analysed, received and compiled.

In addition, the former JV partner completed a grid based soil sampling program on an area 3.0km long x 1km wide covering strongly gold anomalous drainages that have never been seriously evaluated. This work was to define additional discrete gold mineralised exploration/trenching/drilling targets. Six new silicified structures to 3.3m width were located within the soil grid area, some on the basis of an Aster Satellite imagery interpretation. These samples were lost by the shipper and sample bag degradation occurred before they were re-located, forcing compositing of samples. A total of 328 soils were collected, but they were composited into 27 different samples. An additional 564 soil samples plus 15 rock chip samples (testing the silicified structures) were collected in late 2005, but unfortunately Frontier has not been able to locate these samples and will have to repeat the program.

Gold mineralisation is located in an area of approx. 2,500 x 500m contained within a prominent east-west and northeast trending fracture/vein system. Silica-clay veins are documented over a total 2km strike length and have historic gold grades ranging from a few grams gold over a few metres to 9m of 6.44 g/t gold.

The main vein (Vein 2) is consistent in size, grade and alteration characteristics and contains a higher-grade core averaging approximately 5g/t gold over approx. 250m of strike length. The best previous continuous chip channel trench samples of the mineralised structures included: 5.6m of 5.12g/t gold, 9m of 6.44g/t gold, 9m of 5.64g/t gold, 6m of 8.49g/t gold, 15m of 1.83g/t gold and 5.9m of 3.86g/t gold + 5.1m of 3.27g/t gold, 3m of 14.26g/t gold (containing 1m of 21.9g/t gold), 5m of 8.61 g/t gold, 2m of 4.86g/t gold, 6.7m of 1.2g/t gold, 6m of 1.21g/t gold, 1m of 5.90g/t gold and 1m of 5.41g/t gold.

Hand Trench Number	Intercept Length and Grade	Total Trench Length	Comments
Central Komsen SPZ 2	21.6m of 4.41 incl. 2m of 24.22	26.6m	>1.0 g/t at one end + <u>Visible Gold</u>
Central Komsen B2	4.0m of 6.35 incl. 3.0m of 8.28	4.0m	>16.0 g/t and >0.5 g/t at ends
Central Komsen C4 OC2	8.0m of 3.14 incl. 2.0m of 9.34 plus 1.0m of 4.55	8.0m	>4.0 g/t at each end
Central Komsen SPZ 3	11.5m of 0.91 incl 2.0m of 1.70 plus 2.0m of 1.69	20.5m	<u>Visible Gold</u>
Central Komsen C4	4.5m of 2.23	4.5m	>1.0 g/t at both ends
Central Komsen C5	7.0m of 0.48 incl. 1.0m of 1.02 plus 1.0m of 1.4	7.0m	>1.0 g/t and >0.1 g/t at ends
Central Komsen SPZ 1	1.4m of 1.14	3.4m	>1.0 g/t at one end
Central Komsen SPZ 4	10.5m of 0.15	12.0m	>0.1 g/t at one end
Central Komsen SPZ 5	6.0m of 0.46 incl. 1.0m of 1.45	6.0m	>0.1 g/t at both ends
Central Komsen B1 Vn1	0.9m of 0.57	5.9m	>0.1 g/t at one end
Central Komsen B3 Vn2	7.1m of 0.38 incl. 2.3m of 0.66	7.1m	>0.1 g/t at both ends
E.Kehedie	32.7m of 0.66 incl. 1.4m of 0.59 plus 2.4m of 1.0 plus 15.3m of 1.07 plus 2.0m of 0.50 plus 2.0m of 0.73	32.7m	>0.5 g/t at both ends, <u>Visible Gold</u>
W.Kehedie 2	5.3m of 2.04 incl. 1.0m of 9.43	5.3m	>0.5 g/t and >0.1 g/t at ends
W Kehedie	1.1m of 0.51	4.5m	>0.1 g/t at one end
Central Ler T1 OC 2	4.0m of 2.63 incl. 1.0m of 9.89	4.0m	>0.1 g/t at both ends
Central Ler T1 OC2	3.9m of 0.66	3.9m	>0.1 g/t at both ends
W Ler	1.0m of 1.66	42.0m	weakly anomalous throughout
TBL	2.0m of 2.43 incl. 1.0m of 3.95	5.0m	>0.1 g/t at both ends
TBL	2.0m of 1.38	13.0m	

NB: Silver sporadically to 43 g/t

Work to date has shown continuity on the vein system at Komsen, with continuity appearing to continue to East Kehedie where visible gold was located (being the strike extent of Komsen to the east).

Management believe the gold mineralised silica-clay veins at Komsen offer attractive exploration targets. There is also the possibility that large-tonnage, bulk-mineable lower-grade epithermal gold mineralisation could occur in a favourable tuff horizon proximal to the silica-clay veins, that are hosted by more competent overlying andesites.

EL 1345 covers approx. 492km² and is located in West New Britain Province (see Figure 1). Five high stratigraphic level prospects have been defined but none have yet been drilled. Gold/arsenic anomalous soil geochemistry is reported to cover an embayed triangular shaped area of approx. 18km² (see Figure 2). Mt Andewa is a deeply eroded strato-volcano that is breached to the northwest. The caldera is characterised by multiphase intrusions with a long history of differentiation accompanied by areas of hydrothermal alteration, within a major east-west corridor 7 kilometres long by 2-3 kilometres wide.

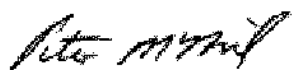
Please see Figure 3 for trench sample weighted assay averages and refer to the Company's ASX release dated 28/9/2005 for background and additional details relating to the Andewa prospects.

Frontier are focused on the Kodu Deposit and Andewa plus Bukuam Projects in Papua New Guinea.

- ❖ The Company has a 100% interest in an approx. 7,500km² portfolio of quality copper and gold properties in PNG, with 3 Exploration Licences (Kodu, Andewa and Likuruanga) and 8 applications.
- ❖ The portfolio offers excellent mineral deposit potential, with primary targets being World Class copper/gold/molybdenum porphyry, gold/silver epithermal and polymetallic - zinc/lead/silver VHMS deposits.
- ❖ The projects all have high-grade exploration results in rock, trenches and drill hole and are in the same or similar geological terranes as existing World Class and/or major mines.
- ❖ Frontier is an ASX listed junior mineral explorer whose shares also trade on the Frankfurt, Berlin and Munich Stock Exchanges.
- ❖ The Company operates with a general policy of 'DRILLING' our quality projects using our self manufactured, cost effective, environmentally friendly, man-portable diamond core rigs.
- ❖ Frontier's Director/Management team have more than 100 years combined experience in PNG.

For additional information relating to the Company and its projects please visit our website at www.frontierresources.com.au or feel free call me on +61 (0) 8 9295 0388.

FRONTIER RESOURCES LTD



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MANAGING DIRECTOR

The information in this report that relates to Exploration Results is based on information compiled by, or compiled under the supervision of Peter A. McNeil, Member of the Aust. Inst. of Geoscientists. Peter McNeil is Managing Director of Frontier Resources and is a consultant to Frontier Resources; he has 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 and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

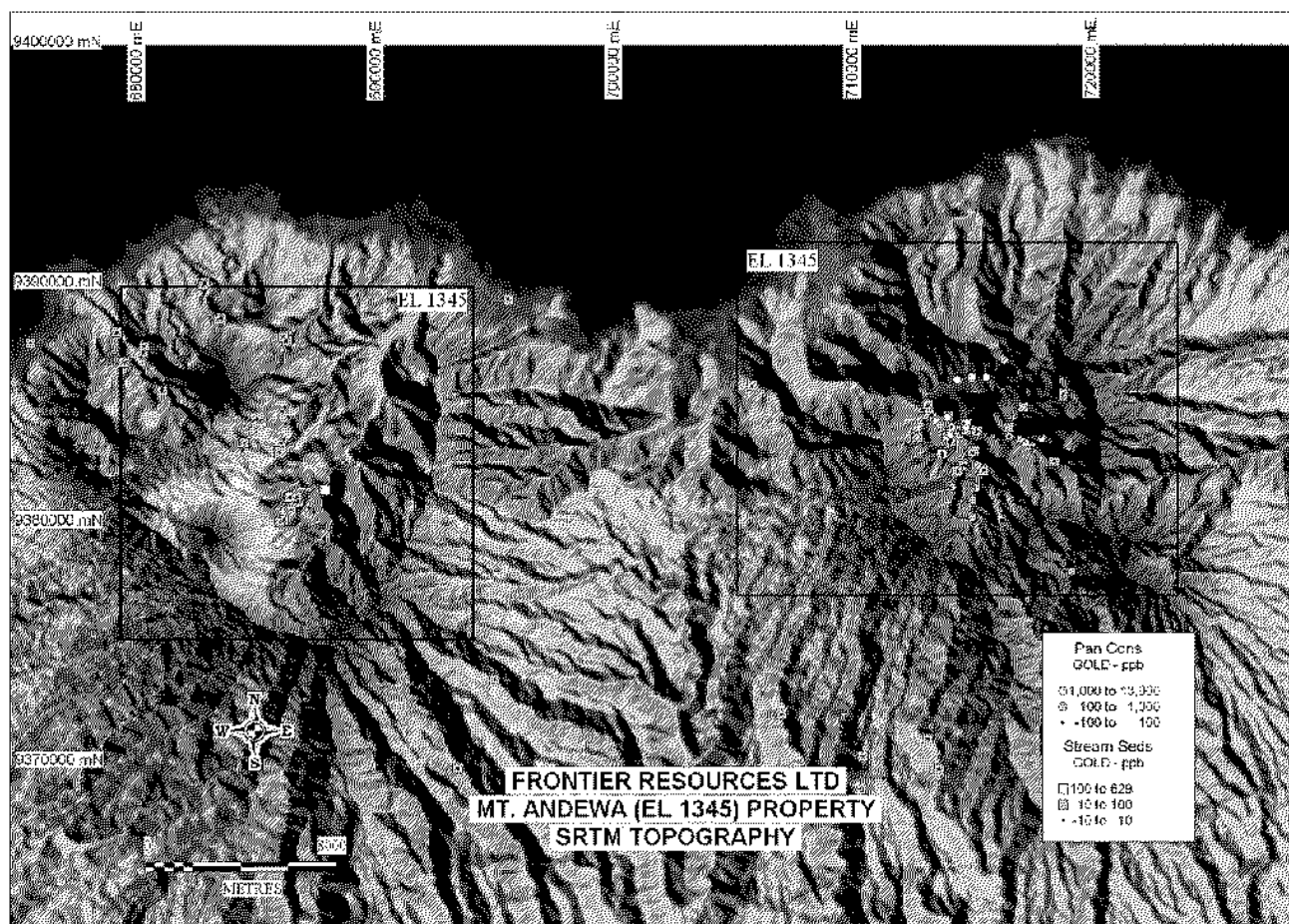


Figure 1 - Mt Andewa (EL 1345) Location on Space Shuttle SRTM Image

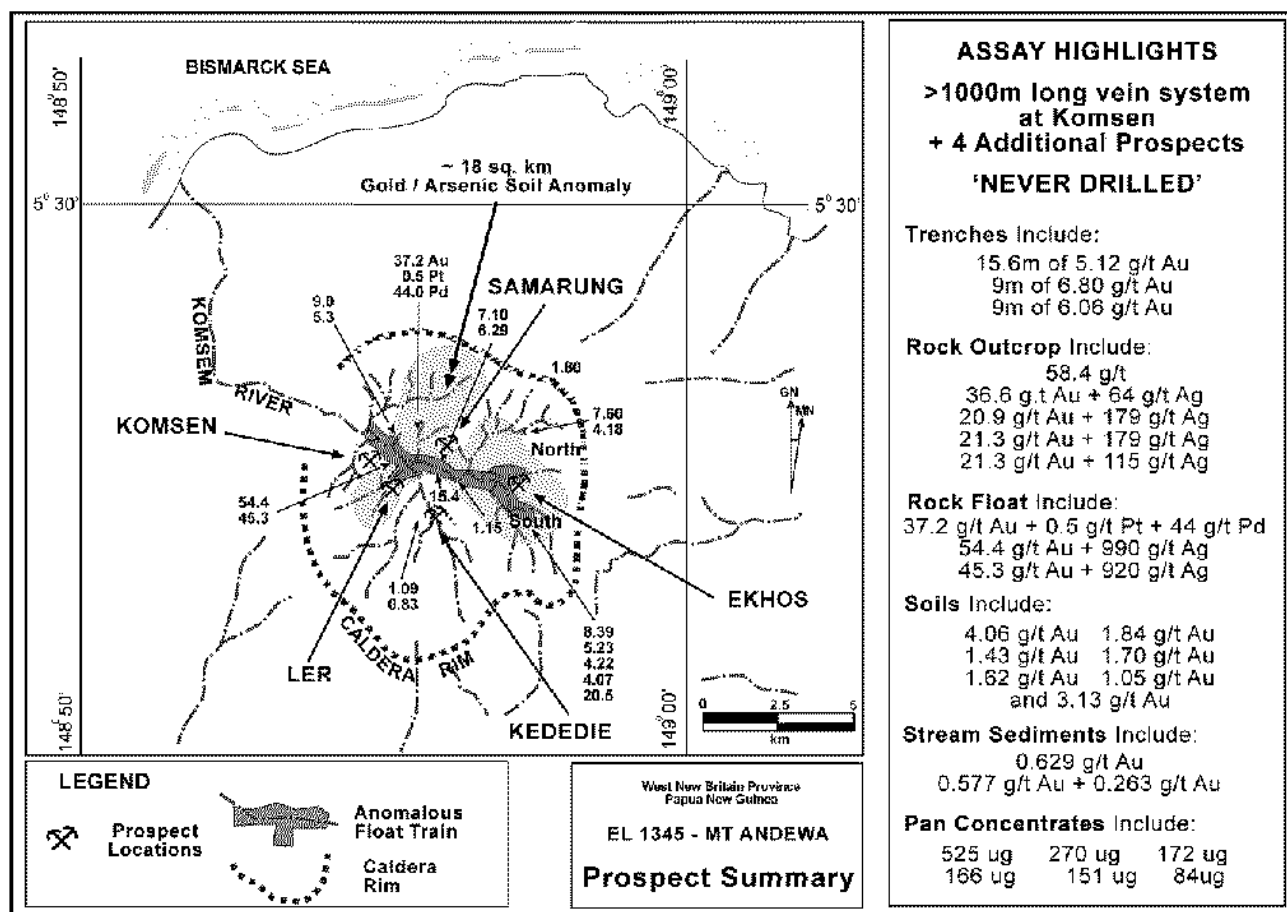


Figure 2 - Mt Andewa Prospect Locations and Summary

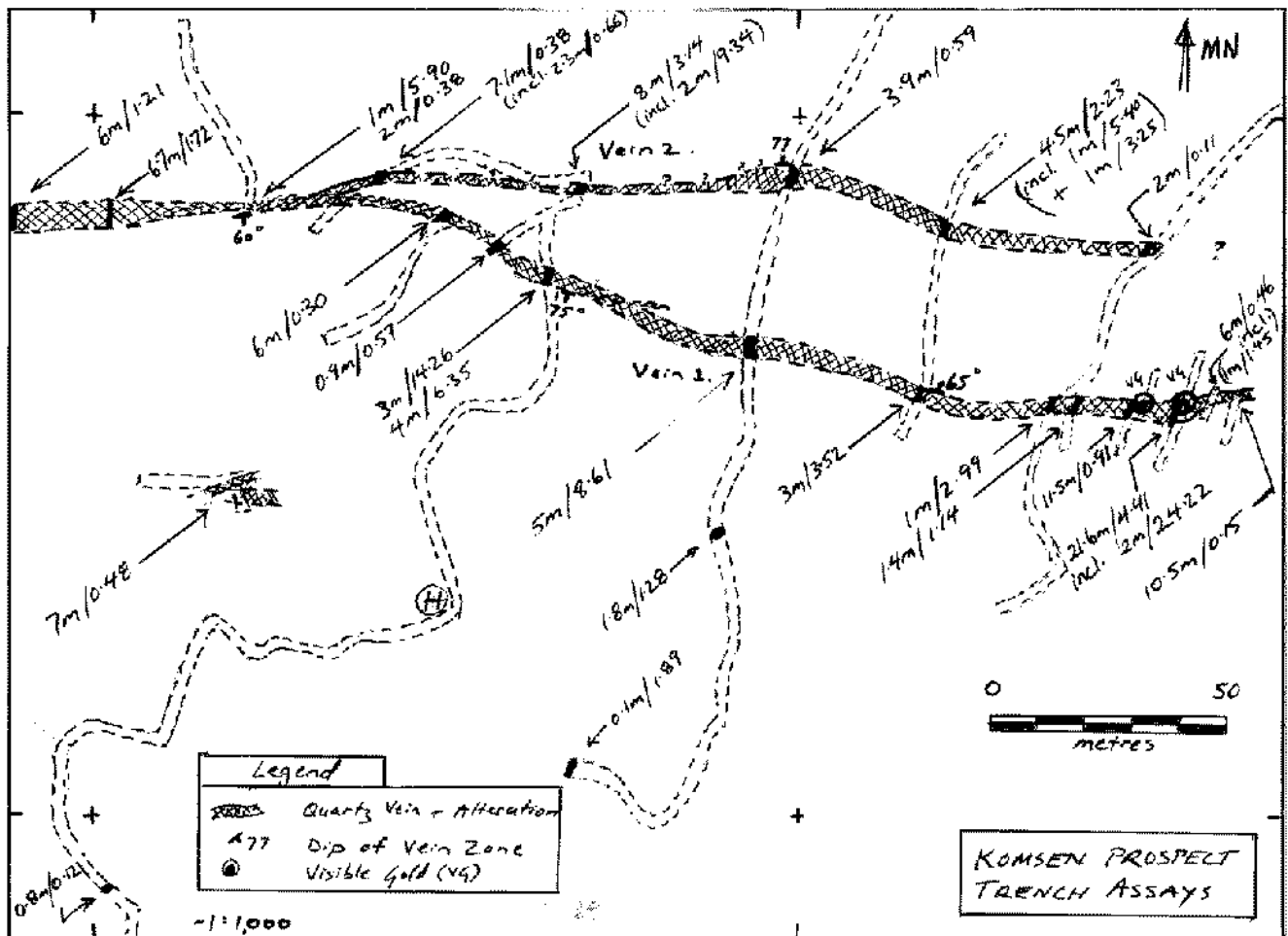


Figure 3 - Komsen Prospect Trenching Results