



2 September 2008

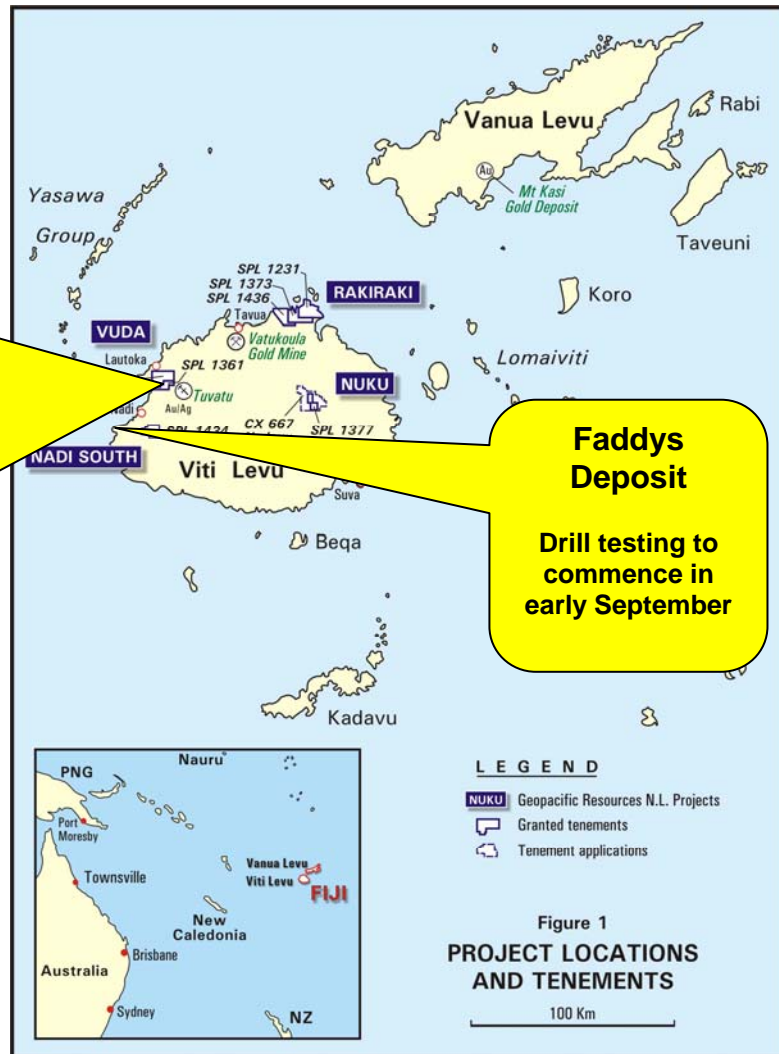
The Company Announcements Office  
Australian Stock Exchange Limited  
Exchange Centre, Level 6, 20 Bridge Street  
SYDNEY NSW 2000

Dear Sir/Madam,

### Geopacific Resources defines surface gold mineralisation at Location 13 (Vuda Project), Fiji

Geopacific Resources NL (ASX: GPR) is pleased to announce that recent mapping, soil auger sampling and trenching has defined substantial north-east trending zones of gold mineralisation in the western portion of the Location 13 Prospect at the Vuda Project area, NW Viti Levu, Fiji (Figure 1).

**Vuda Project Location 13 Prospect**  
  
Trench sampling assays include:  
5m of 3.50g/t Au  
4m of 4.68g/t Au  
6m of 3.80g/t Au  
4m of 3.27 g/t Au  
4m of 2.40g/t Au  
  
Rock chip samples range to 52g/t Au



**Faddys Deposit**  
  
Drill testing to commence in early September

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Results of recently completed mapping and sampling at the Location 13 Prospect has defined gold mineralized soils and weathered outcrop within an area covering 250 metres x 150 metres (Figure 2).

Remnants of gold prospecting during the early 1900's occur near the east of Location 13 where a shallow collapsed adit and small prospecting pits have been located and exploration by other companies has identified a substantial gold anomaly. Near the east part of the Location 13 Prospect Freeport Mining Ltd completed drill hole RC48 in 1982 and reported an intersection 9m of 13g/t Au from surface. Soil auger drilling by Freeport included gold in soil values ranging to 11g/t Au.

Mapping and sampling by Geopacific in early 2008 (Figure 2) showed high gold grades distributed in soil and rock chip samples throughout the Location 13 Prospect area and these range up to 52g/t Au in rock chip samples (sample #13846) and 3.64g/t Au in soil auger samples (sample #13873). The variability of repeated assays on many of these samples indicates that the gold is often coarse and nuggetty in nature.

Geopacific mapping and trench sampling of the western part of Location 13 during the last several weeks has defined NNE trending mineralised zones which trend along strike for over 100m and appear to intersect in the SW portion of the prospect (Figure 3). The mineralisation has been defined at surface by seven trenches and pits (T1W – T7W). Strongly weathered and clay altered rock within each trench has been channel sampled (horizontal and some vertical samples) and gold assays have been determined by fire assay techniques at the Vatakoula assay laboratory.

Significant gold intersections are shown on Figure 3 and include:

Trenches;	T1W	5m of 3.50g/t Au (vertical channel sampling)
	T2W	4m of 2.40g/t Au
	T5W	6m of 3.80g/t Au
	T6W	4m of 3.27g/t Au
	T7W	4m of 4.68g/t Au
Pit;		northern pit, 0.90m vertical interval of 3.63g/t Au

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Drilling undertaken during previous exploration by other companies failed to define these NE-trending, steeply dipping mineralised structures since many of the drill holes were vertical. RC35 near the south end of the western mineralised trend intersected 3m of 4.2g/t Au and drill hole DDR13/5 was drilled beneath a surface gold anomaly along the eastern trend and this hole intersected 6m of 4.0g/t Au close to Geopacific's trench T2W.

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Geopacific has completed trenching in the eastern portion of Location 13 and is waiting on assay results for this work. Additional trenching in the west of Location 13 is planned (Figure 3) and these will further define the mineralised trends to define targets for drill testing during late 2008.

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## **Faddy's Gold Deposit**

Drill testing is expected to commence during the next several days at Geopacific's Faddy's gold deposit (Figure 1). A drill rig from Exploration Drilling Services Pty Ltd has been mobilised to commence diamond drill testing of the central portion of the Faddys mineralisation which has an Inferred Resource of 920,000t @ 4.9g/t Au (144,000 ounces of contained gold).

Other information on the Company's projects and previous Geopacific announcements are available on Geopacific's website at [www.geopacific.com.au](http://www.geopacific.com.au).

Yours faithfully

A handwritten signature in black ink, appearing to read "I. J. Pringle".

Ian J Pringle  
(Managing Director)

### **Competent Person**

*The review of exploration activities and results contained in this report is based on information compiled by **Dr Ian Pringle**, a Member of the Australasian Institute of Mining and Metallurgy. Dr Pringle is the Managing Director of Geopacific Resources NL and also a Principle of Ian J Pringle & Associates Pty Ltd, a consultancy company in minerals exploration. He has sufficient experience which is relevant to the style of mineralization and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Pringle has consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.*

### **Further Information**

For further information please contact Ian Pringle, Managing Director, on (02) 9699 7311 or [ianp@geopacific.com.au](mailto:ianp@geopacific.com.au). An overview of Geopacific Resources NL can be viewed at [www.geopacific.com.au](http://www.geopacific.com.au).

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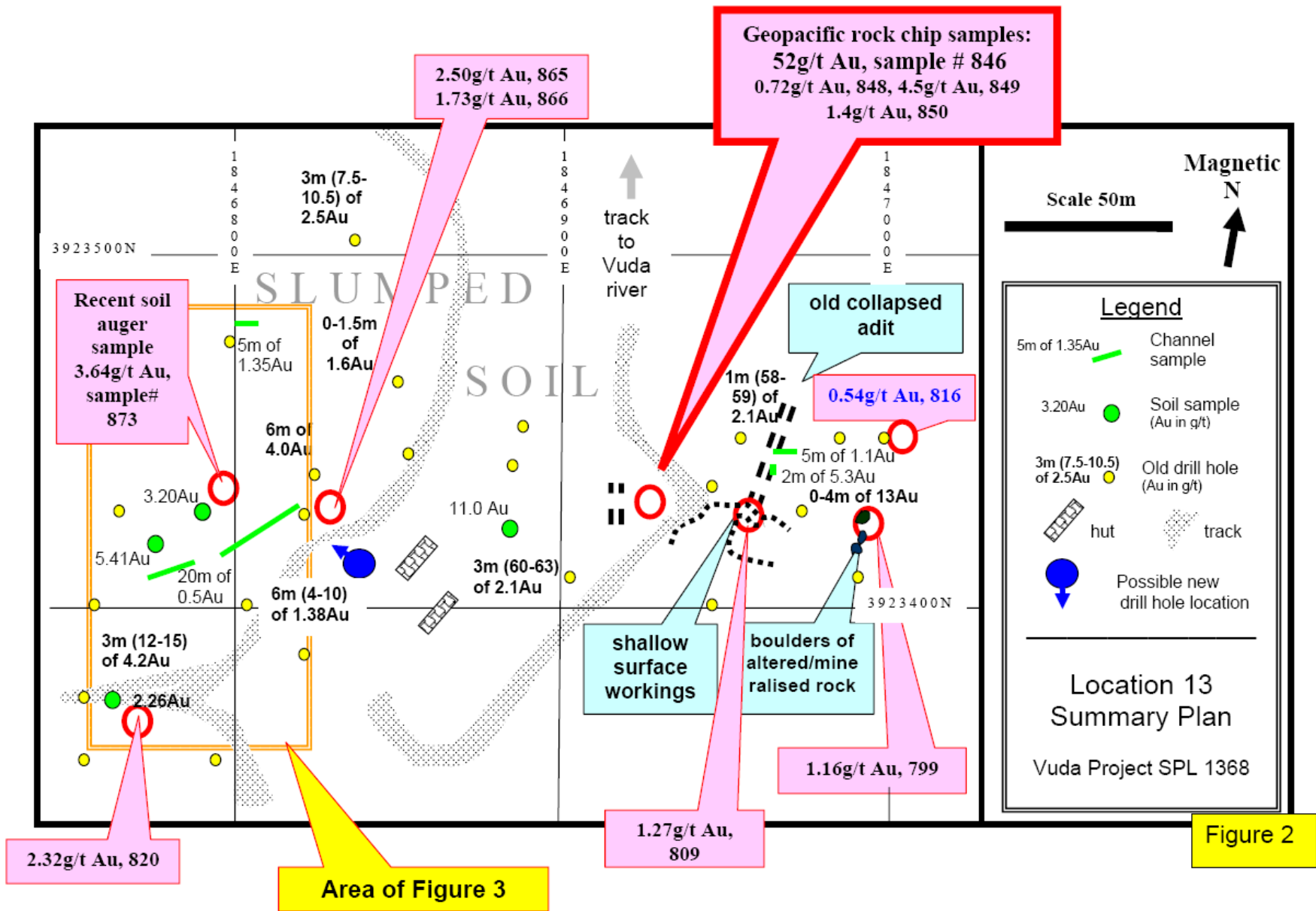


Figure 3.

Location 13 West  
Trenching, July-  
August 2008

