

22 December 2010

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



### **Data from ZTEM helicopter geophysical survey received**

Geopacific Resources NL (ASX: GPR) is pleased to report that all of the data collected from the ZTEM (helicopter borne AFMAG Z-axis Tipper electromagnetic) survey undertaken at the Company's Fiji Project areas by Geotech Ltd have been received and are currently under evaluation by Geopacific's geophysics consultants Southern Geoscience Consultants (SGC) of Perth.

During August Geotech Ltd carried out a helicopter-borne geophysical survey for Geopacific over the Nabila, Nadi South, Vuda, Raki Raki, and Cakaundrove areas located on the islands of Viti Levu and Vanua Levu, Fiji. Principal geophysical sensors included a Z-Axis Tipper electromagnetic (ZTEM) system, and a caesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter. A total of 2327.7 line kilometres of geophysical data were acquired during the survey which covered a total area of 910 square kilometres. Preliminary and final data processing, including generation of finalise digital data and map products were undertaken by Geotech Ltd. Data processing was undertaken in a Geosoft™ environment.

SGC are undertaking a full evaluation of the ZTEM database to reprocess the data into MapInfo software and to incorporate geology, structure, previous geophysical survey results, geochemical surveys and location of known mineralisation as well as exploration data for each area. SGC will detail and prioritise each of the anomalies defined by the work to enable ground follow-up programs to be planned. SGC expect to complete this work in early February 2011.

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.*

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