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Announcement

24th May 2010

Major Gold, Copper & Molybdenum in Soil Anomalies Demonstrated at the Wasi Prospect Leonard Schultz EL, Papua New Guinea

- **The gold in soil anomaly discovered at Wasi is 525m wide and is greater than 900m long.**
 - **It is open along strike to the south and merges into a major copper anomaly in the north and west.**
 - **The gold anomaly grades 0.23 g/t over its widest part, with a peak grade of 0.87 g/t.**
 - **Several additional smaller soil anomalies were documented grading up to 3.2 g/t gold.**
- **The main copper anomaly discovered at Wasi is 1,800m long and 600 to 900m wide.**
 - **It is located in the south of the grid, has coincident molybdenum anomalism and is partly coincident with the above noted gold anomaly.**
 - **Peak copper in soil is 1080 ppm and peak molybdenum is 32 ppm.**
- **A second copper in soil anomaly occurs in the far north of the grid along with significant gold and molybdenum.**
 - **The anomaly is 600m wide along line and is totally unconstrained.**
 - **Peak copper in soil is 1160 ppm, molybdenum is 214 ppm and gold is 3.2 g/t.**
- **The grid was sampled on a 25m basis, down lines that were separated by 300m. This is a wide reconnaissance style spacing. Infill sampling is required to better define the anomalies and their orientations.**
- **The Wasi and nearby Kru Prospects are continuing to demonstrate excellent copper and gold prospectivity.**
- **An announcement regarding the status of Joint Ventures will be released forthwith.**

Frontier Resources is pleased to announce the discovery of major gold, copper and molybdenum in soil anomalies at the Wasi Porphyry Copper Prospect, Leonard Schultz (EL 1597) Papua New Guinea (Figure 1).

The Wasi soil grid was cut on a north south orientation to elucidate information relating to the location of the Wasi porphyry copper occurrence (no information is available on this prospect in the Geological Survey Library). It is located to the west of the Kru Prospect, where high grade gold was recently reported in hand trenches (16 metres of 18.60 g/t gold, within 76 metres of 5.35 g/t gold)(ASX release dated 12/4/2010).

A total of 1,491 soil samples were analysed and peak assays from the grid based soil sampling included: 3.2 g/t gold, 8 g/t silver, 1160 ppm copper, 214 ppm molybdenum, 2650 ppm zinc and 354 ppm lead.

Gold occurs as a major cohesive soil anomaly in the SE sector of the grid and also as several elongate and high-grade spot/ double spot anomalies. The gold in soil zone discovered is up to 525m wide and is greater than 900m long. Twenty one samples collected over the 525m width returned 0.23 g/t gold, with a peak assay of 0.87 g/t gold. The gold anomaly occurs over 4 different soil lines covering >900 linear metres. The anomalous zone is open along strike to the south, where it trends off the end of the grid. Grid infill sampling is required to define the full extent of the anomalous zone and its significance.

Copper occurs in two distinct zones. The southern anomaly is approximately 1,800m long and 600 to 900m wide. Its peak copper in soil is 1080 ppm, Mo is 32 ppm and gold is 0.87 g/t. The northern anomaly is approximately 600m wide and is totally unconstrained in terms of strike and orientation. Its peak copper in soil is 1160 ppm, molybdenum is 214 ppm and gold is 3.2 g/t.

Gold assays over the entire grid included 9 samples > 1.0 g/t gold plus 13 samples between 0.3 and 1.0 g/t gold, 52 samples between 0.1 and 0.3 g/t gold and 75 samples between 0.05 and 0.1 g/t gold. 1342 samples were classified as not anomalous (see Figure 2).

Copper assays over the entire grid included 14 samples > 600 ppm copper, 35 samples between 400 and 600 ppm copper and 160 between 150 and 400 ppm copper. 1,282 samples were classified as not anomalous (see Figure 3).

Molybdenum assays are incomplete for the northern section of the grid and are now being analysed.

Grid infill sampling is required to define the full extent of the anomalous zones and their significance.

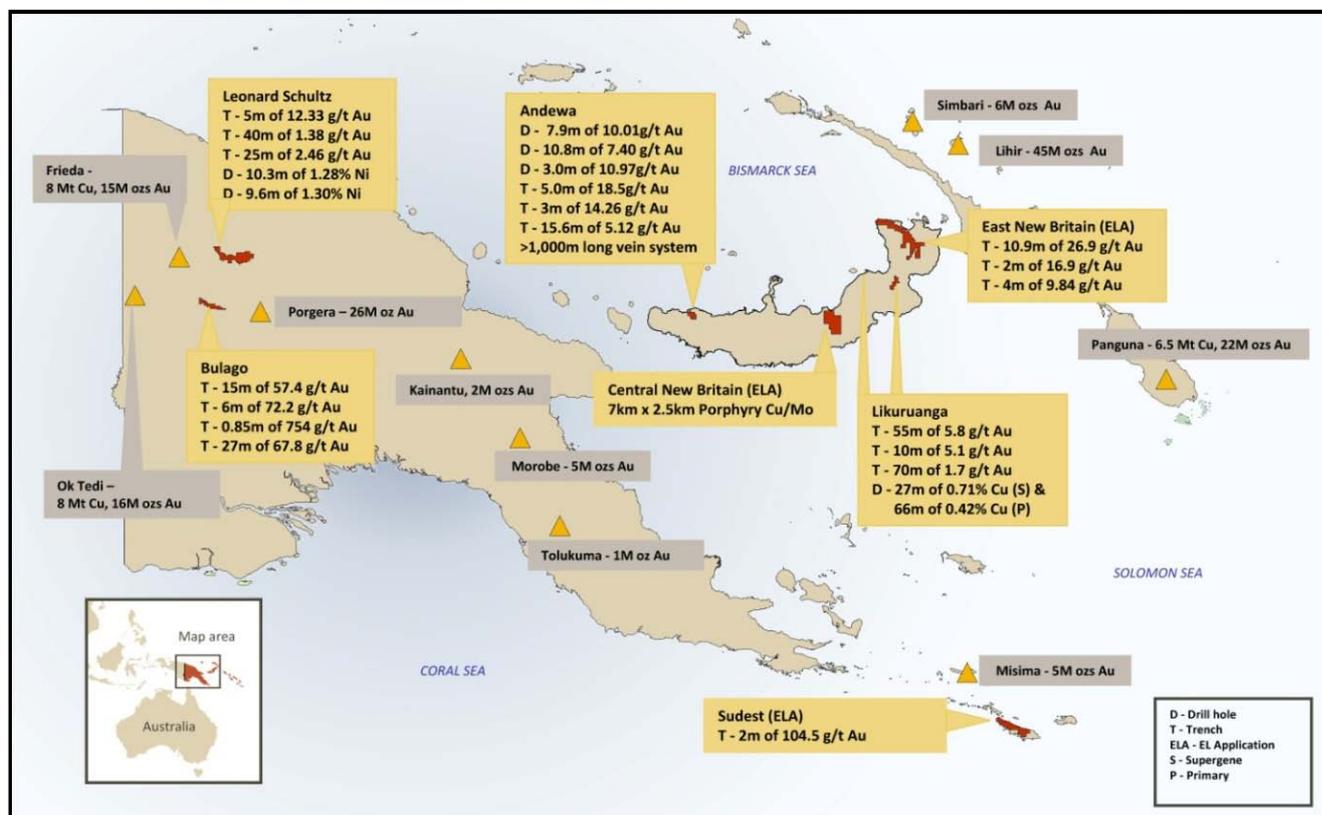
For additional information relating to Frontier Resources please visit our website at www.frontierresources.com.au or feel free contact me.

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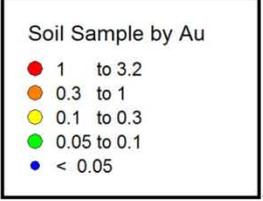


P.A. McNeil, M.Sc.
MANAGING DIRECTOR

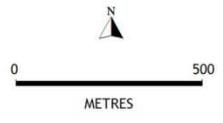
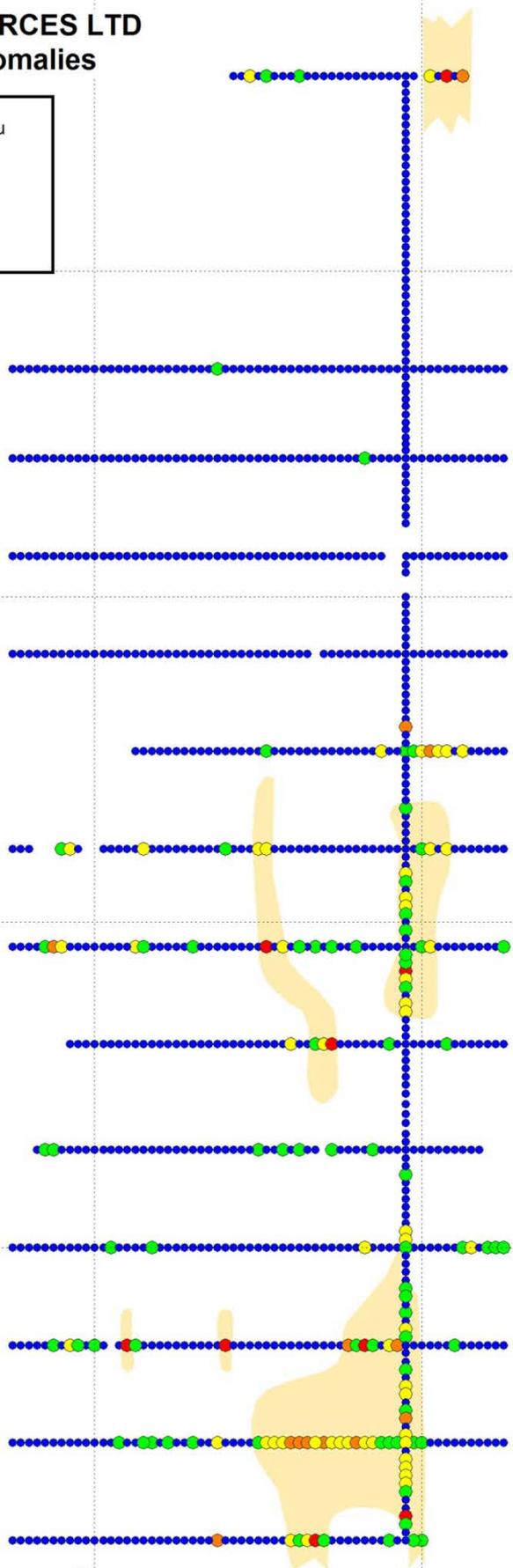
The information in this report that relates to Exploration Results is based on information compiled by, or compiled under the supervision of Peter A. McNeil - Member of the Aust. Inst. of Geoscientists. Peter McNeil is the Managing Director of Frontier Resources, who consults to the Company. Peter McNeil 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. Peter McNeil consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



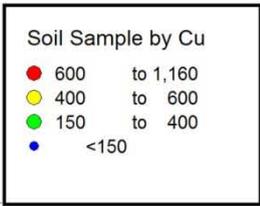
FRONTIER RESOURCES LTD Gold in Soil Anomalies



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FRONTIER RESOURCES LTD Copper in Soil Anomalies



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