

NEW COPPER GOLD TARGET IDENTIFIED IN SOIL SAMPLING NEAR TRILOGY

Fast Facts

Cap Structure	June 2010
Issued Shares	362Mil
Market Cap	A\$18.4Mil
Cash + Investments	\$1.3Mil

Directors

Hamish Bohannan	Chairman
Steve Norregaard	Managing Dir.
Joe Totaro	Non-Exec Dir.
Andrew Czerw	Executive Dir.
Tony Martin	Non-Exec Dir.

Company Highlights

- Substantial resource base
- Diversified commodities
- Aggressive exploration
- Proven management
- BFS well advanced



PRP Resource Base

- 13.97 Mt
- 901,000 oz gold
- 9.9 Moz silver
- 89,000 t copper
- 123,000 t lead
- 74,000 t zinc

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Highlights

- New copper-gold soil geochemical anomaly discovered at No Tree Hill Prospect
- Anomalism extends over 800m x 150m
- Peak Values 652ppm Copper, 271ppb and 152ppb Gold
- No previous drilling
- Potential new near surface SEDEX target
- Soil program will now be extended over entire tenement
- Prospect now a drill target

The company is pleased to announce highly encouraging results from an initial soil sampling program conducted over the No Tree Hill Prospect, 8 kilometres north-west of Trilogy.

This soil sampling program is a continuation of exploration works seeking to discover a repeat of the Trilogy mineralisation. The Trilogy deposit is geologically classified as a Sedimentary Exhalative style of deposit (SEDEX). Due to the nature and processes involved in formation, this style of mineralisation is thought to occur in regional clusters, and not as isolated occurrences. This gives the company added incentive to continue to explore for repeats of the Trilogy style of mineral occurrences.

The survey area is believed to have minimal transported material overlying the bedrock. This may indicate this anomalism has its source directly within the Proterzoic bedrock. Peak values for copper (652ppm) and gold (271ppb) exceed the geochemical results in soils for both the Trilogy deposit and Railway prospects.

Managing Director Steve Norregaard said "We are happy to see the impressive tenor of this anomaly. It opens up a new area of exploration for us. This target will be a focus of future exploration drilling, the sooner the better.

The shape of the copper anomalism (see Figure 1) suggests there is potential for primary mineralisation to be related to the intersection of two distinct structures. This possibility will be considered when the drill design lay-out is undertaken. No drilling has previously occurred in this area.

This soil sampling program is part of a much larger regional program, utilizing new and refined soil sampling techniques which are proving vastly superior to past programs conducted in the Ravensthorpe area. The definition and vibrancy of the result provides clear direction to the technical team in terms of prioritising prospects and generating drill targets.

This soil sampling program will now be extended over the entire tenement, with plans to ultimately link back to the Railway soil sampling program. The environmental approval process which is a prerequisite for drilling has commenced. The company will take the first available opportunity to commence drilling on this prospect.

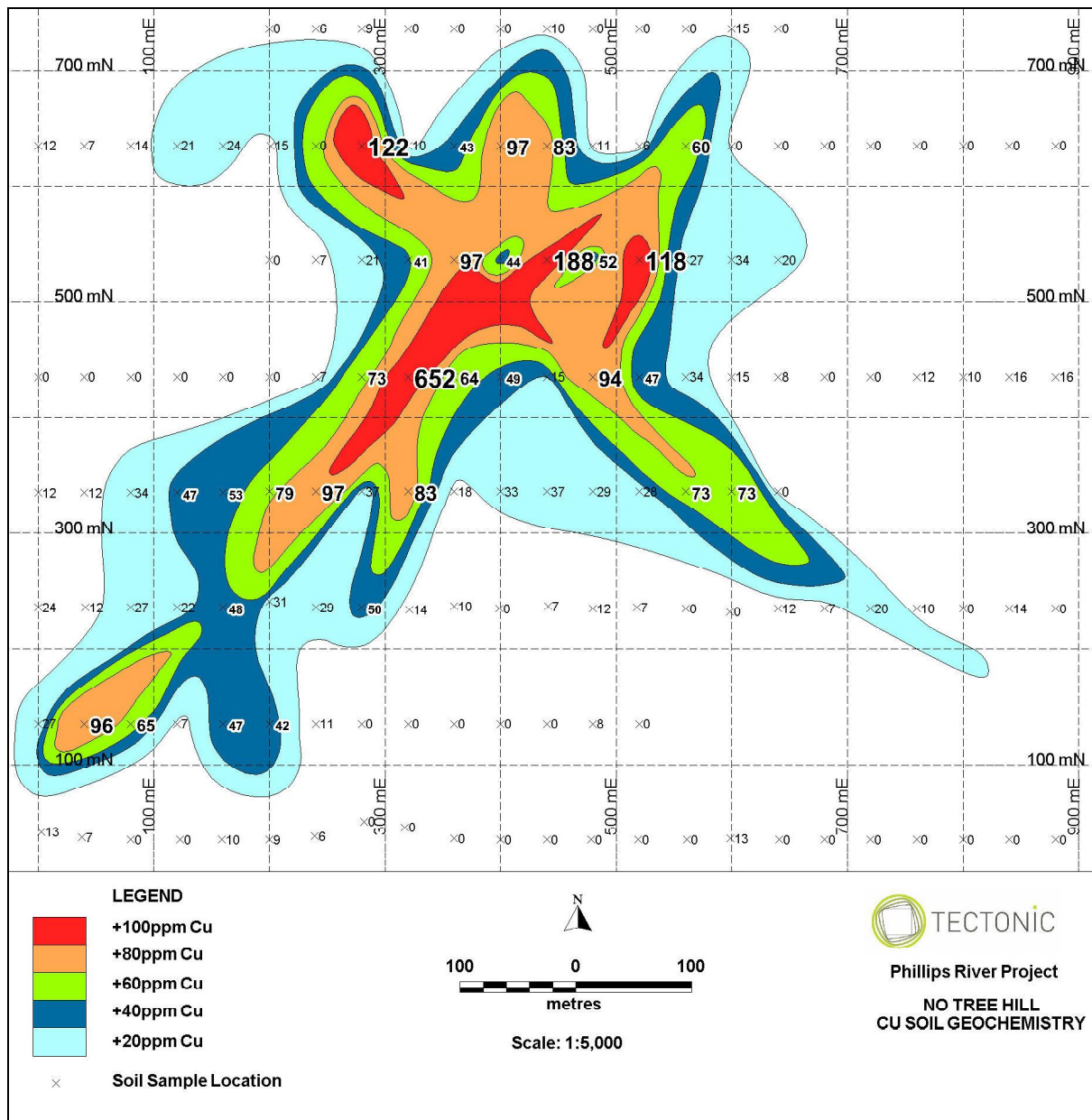


Figure 1: Copper in soil anomaly, peak value 652ppm Cu, extends 800m by 150m

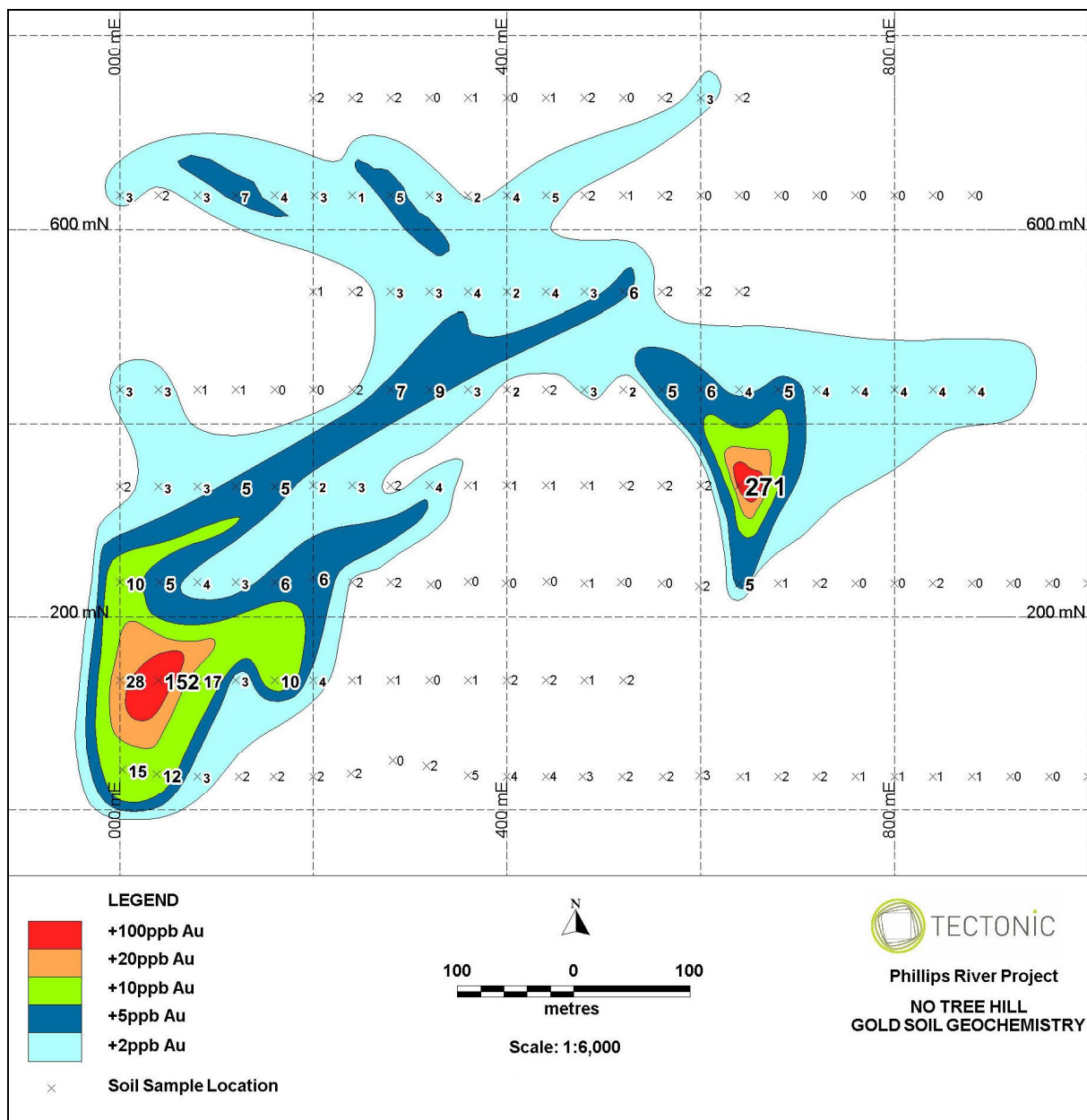


Figure 2: Coincidental gold in soil anomaly, peak value 271ppb & 152ppb.

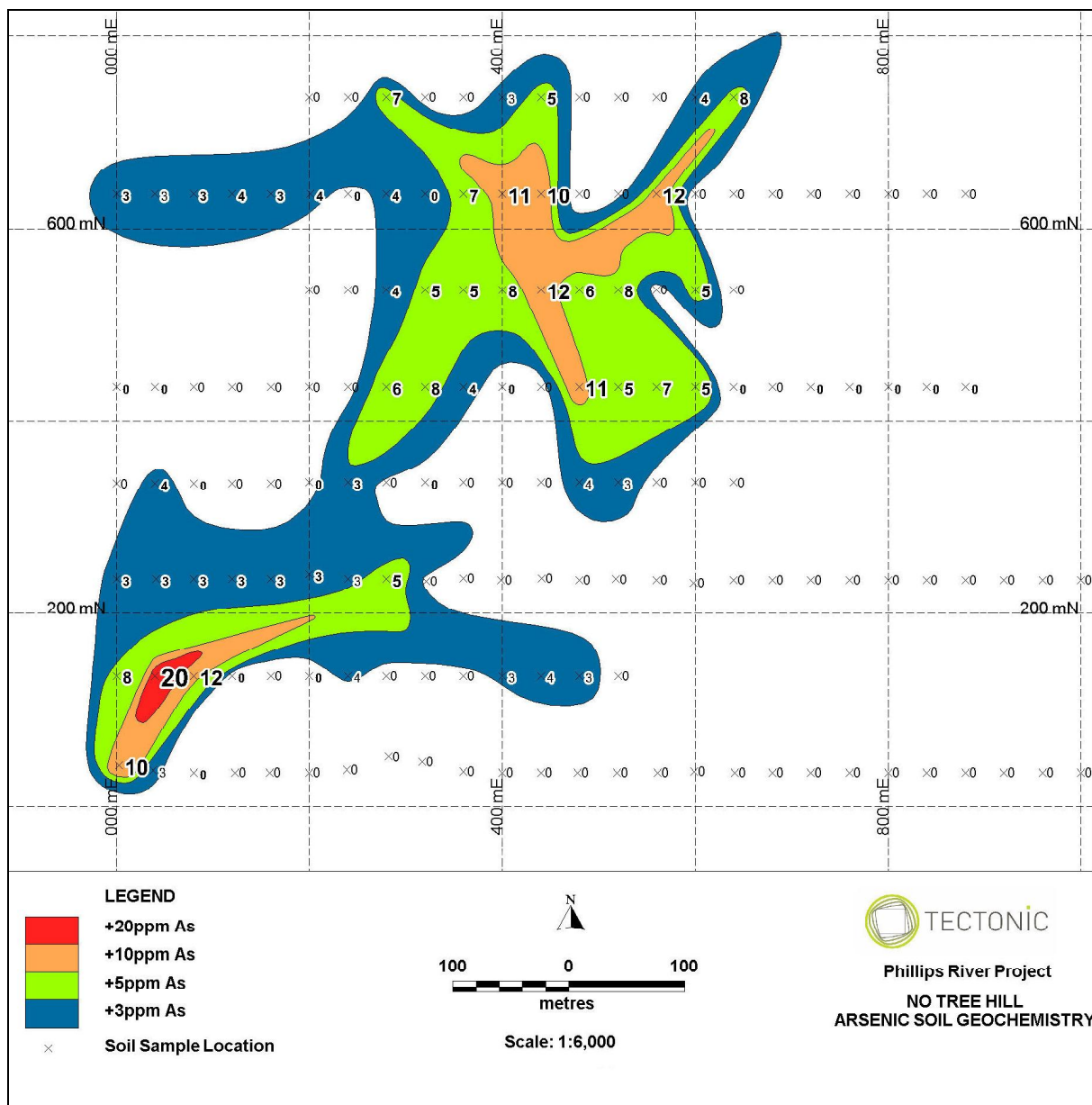


Figure 3: Coincidental arsenic in soil anomaly

For further information please contact:

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Competent Person's Statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Bruce Armstrong who is a Member of the Australasian Institute of Geoscientists. Mr Armstrong is a full time employee of Tectonic, and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2004 edition of the JORC Code. Mr Armstrong has given his consent to the inclusion in the report of the matters based on the information in the form and context in which it appears. Information that relates to exploration targets refers to targets that are conceptual in nature, where there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

TECTONIC RESOURCES GLOBAL RESOURCE TABLE: JUNE 2010						
GOLD AND COPPER RESOURCE TABLE: KUNDIP PROJECT AND OTHERS**						
CATEGORY	Mt	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
MEASURED	0.00	0.00	0.0	0.0		
INDICATED	4.97	3.10	2.3	0.3		
INFERRED	2.75	2.73	2.0	0.3		
SUB TOTAL	7.72	2.97	2.2	0.3		
BASE METAL RESOURCE TABLE: TRILOGY PROJECT***						
MEASURED	0.31	2.4	41	0.3	0.1	0.0
INDICATED	5.75	0.7	48	1.1	2.1	1.3
INFERRED	0.18	0.6	12	0.8	0.2	0.2
SUB TOTAL	6.24	0.82	47	1.0	2.0	1.2
GLOBAL RESOURCE TABLE: GRADE						
MEASURED	0.31	2.4	41.2	0.3	0.1	0.0
INDICATED	10.72	1.8	26.8	0.7	1.1	0.7
INFERRED	2.94	2.6	2.7	0.3	0.0	0.0
GRAND TOTAL	13.97	2.01	22.0	0.6	0.9	0.5
GLOBAL RESOURCE TABLE: CONTAINED METAL						
	Mt	M Oz	M Oz	t (000)	t (000)	t (000)
MEASURED	0.31	0.02	0.41	0.9	0.4	0.0
INDICATED	10.72	0.63	9.23	78.9	122.5	73.9
INFERRED	2.94	0.25	0.25	9.4	0.3	0.3
GRAND TOTAL	13.97	0.90	9.90	89.2	123.3	74.3

Table 3 - Phillips River Global Resource Estimate

*- Based on wire-framing to drill holes on a 1.0g/t Au cut-off for shallow resource, and 3.0g/t Au. for deeper mineralisation, and reporting to a 1g/t Au cut-off.

**- Various based on wire-framing to drill holes, and reporting on a 1g/t or 1g/t Au equivalent cut-off based on:
 $Au\ eq = Au\ ppm + (Cu\ ppm * 0.0001420827408)$

***-Based on wire-framing to drill holes on a 0.5% Cu equivalent cut-off and reporting to a 1% Cu equivalent cut-off.

Oxide Cu eq. = $(Au\ ppm * 9775) + (Ag\ ppm * 150.4) + (Cu\ ppm)$:

Sulphide Cu eq. = $(Au\ ppm * 4720) + (Ag\ ppm * 75.5) + (Cu\ ppm) + (Pb\ ppm * 0.2384) + (Zn\ ppm * 0.1925)$

About Tectonic

Tectonic Resources NL ("Tectonic") has established a singular focus on the Phillips River Project and is well underway with the implementation of its strategy to advance the project to Bankable Feasibility Status. Situated on the south coast of Western Australia, between Hopetoun and Ravensthorpe, the project includes two established resource areas that lie in close proximity to each other. Both are the subject of ongoing work programmes.

Trilogy

The Trilogy deposit is a shallow bulk tonnage poly-metallic resource of 6.2Mt at 0.8g/t Au, 47g/t Ag, 1.0% Cu, 2.0% Pb and 1.2% Zn. The deposit lies on freehold farming land owned by the company.

Current Activities:

- Metallurgical testwork is completed confirming concentrate specification and recoveries
- Review of regional exploration targets is ongoing with geochemical soil sampling targeting broadly defined copper gold anomalism

Kundip

Kundip is a historic mining centre with mineralisation hosted within quartz shear structures. The currently defined resources are contained within a 3km by 1km area. Exploration is ongoing outside of the resource area. A total resource of 7.72Mt at 2.97g/t Au and 0.3% Cu has been defined. Current work programmes are aimed at increasing the resource base and increasing confidence in known resources.

Current Activities:

- Regional Geochemical sampling and mapping is being progressed to gain greater understanding into the area
- Toll milling of gold ore stockpiled on surface during past mining episodes

Feasibility Study

The company appointed GR Engineering as study manager to oversee all aspects of the Feasibility study including detailed engineering of the processing facility. The study is destined for completion by the end of September 2010.