

## SPL 1452 NAMOLI & WAINIVAU GOLD AND COPPER PROSPECTS

(Multiple Namosi-like Exploration Targets)

SPL1452 being contiguous with the Namosi SPL1420 owned by the Newcrest Joint Venture and with the same type and age of porphyry intrusive has strong potential for discovery of gold-copper deposits similar to those at Namosi

## **NAMOLI-WAINIVAU INDICATIVE EXPLORATION BUDGET 2015**

Induced polarisation (IP) survey & interpretation Geological mapping, sampling, drill management Mobilisation of diamond drill/bulldozer **Bulldozer hire** 2,000,000 Diamond drilling (10 holes totalling 10,000m) Sample preparation (core saw and operators) Assaying half-core drill samples Accommodation/field supplies/fuel Transportation/freight/insurances

Total

\$3,000,000

AUD

250,000

240,000

30,000

150,000

100,000

160,000

50,000

20,000

### Schedule of Funding 2015

April (IP program & support) August (diamond drill program mobilisation) November (sample prep/assaying)

600,000 2,000,000 400,000

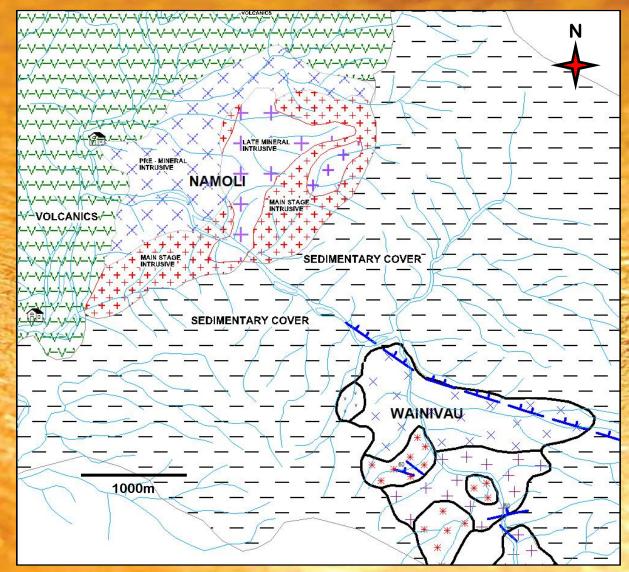
### Total

\$3,000,000



## NAMOLI GOLD-COPPER PROSPECT

### Location Map Namoli & Wainivau Gold & Copper Prospects



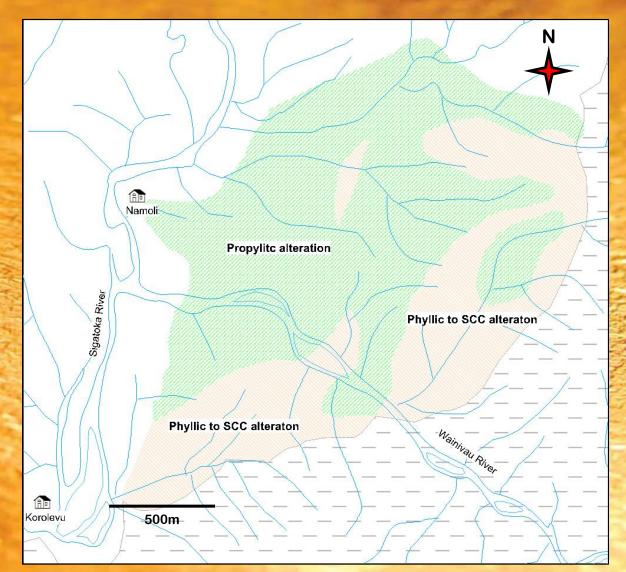
The Namoli & Wainivau prospects are located approximately 2km apart along the course of Wainivau Creek.

The Namoli Prospect is partially exposed and covers an area of approximately 3.5km x 1km.

The Wainivau Prospect is also partially exposed and covers an area of 2km x 2km.



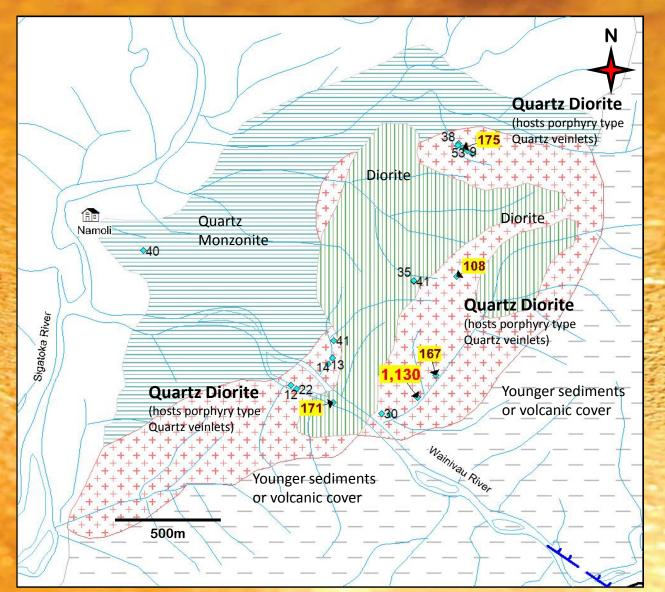
### **Alteration Map of the Namoli Gold-Copper Prospect**



Propylitic, Phyllic and Sericite-Chlorite-Clay (SCC) altered intrusives are typical of the tops of mineralised porphyry systems.



### Namoli Gold-Copper Prospect

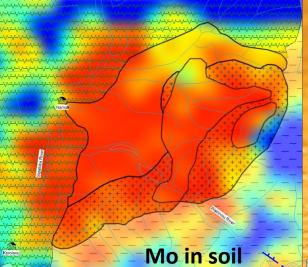


Copper assays (in ppm) from rock chip samples from the mineralised and altered porphyry outcrops at the Namoli Prospect. Outcrops are rare due to cover by younger sediments or volcanics.

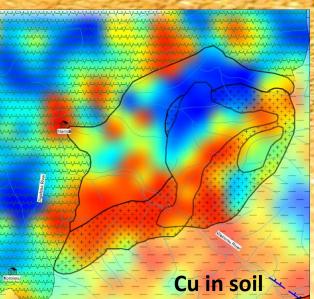
The values are typical of the top of a mineralised intrusive complex and are expected to increase deeper into the porphyry.

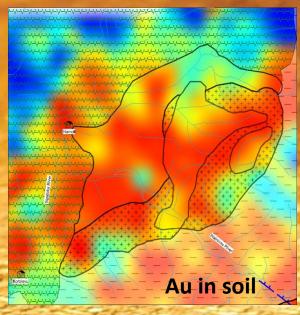


### Namoli Gold-Copper Prospect

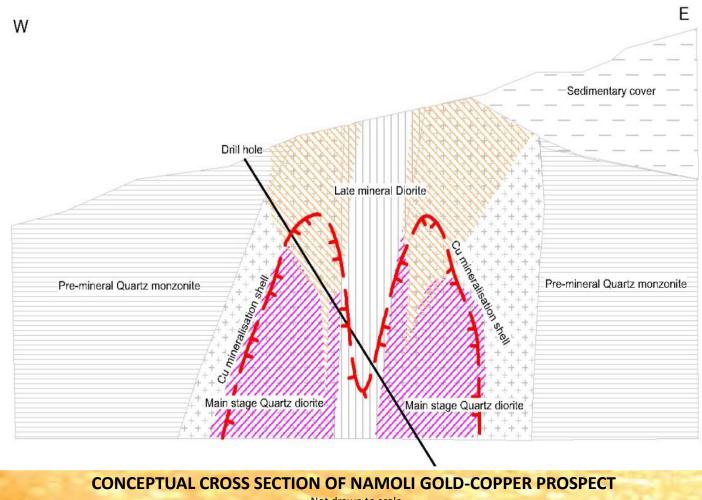


Ionic leach soil geochemical plots for Gold, Molybdenum and Copper over the Namoli Prospect. Hot colours (redorange) represent stronger anomalies and cool colours (blue) are lower numbers.





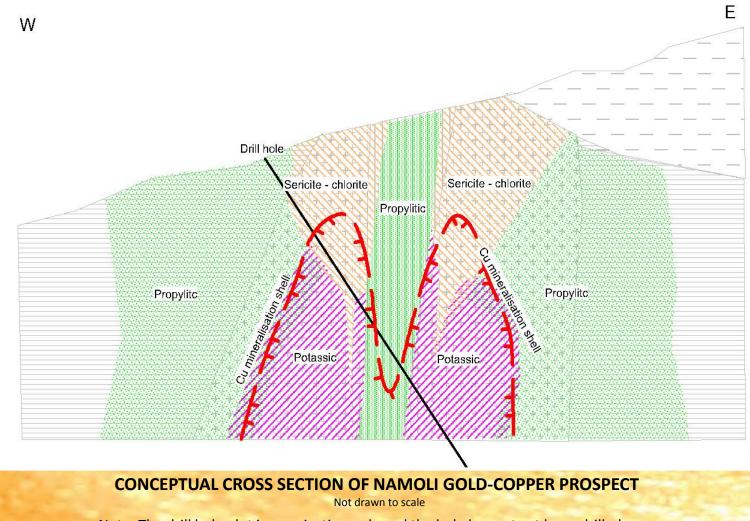
### Schematic section projecting lithology below surface at Namoli



Not drawn to scale

Note: The drill hole plot is a projection only and the hole has not yet been drilled.

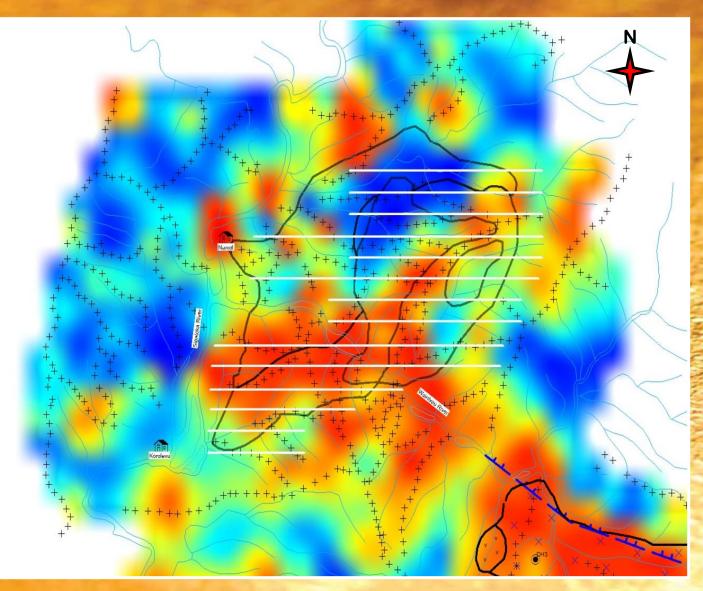
### Schematic section projecting rock alteration below surface at Namoli



Note: The drill hole plot is a projection only and the hole has not yet been drilled.



### Namoli Gold-Copper Prospect



Proposed 3D Induced Polarisation (IP) program of 30 line-kms.

A surface magnetometer survey will cover 45 line-kms.

The geophysical programs will map the subsurface mineralisation and provide drill targets.

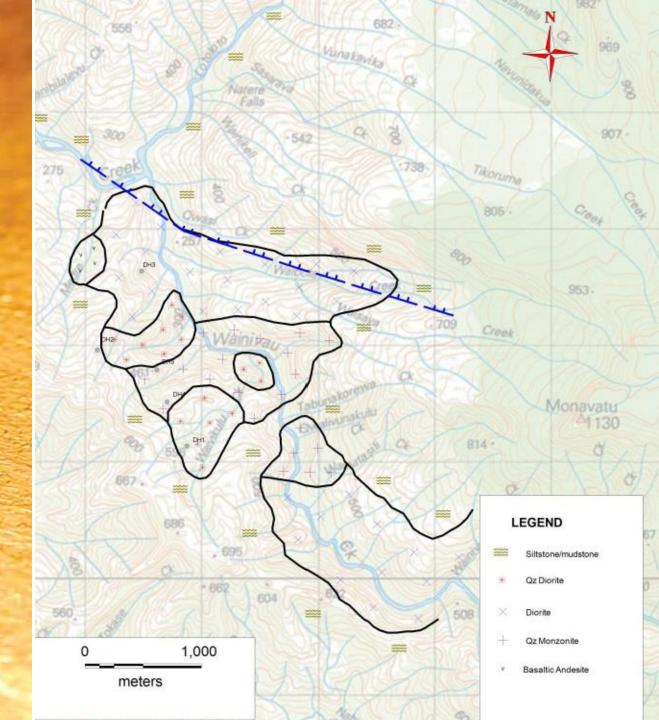


# WAINIVAU GOLD-COPPER PROSPECT

Note: The whitish coloured land slip is exposing intensely hydrothermally altered intrusive from the Wainivau porphyry complex.

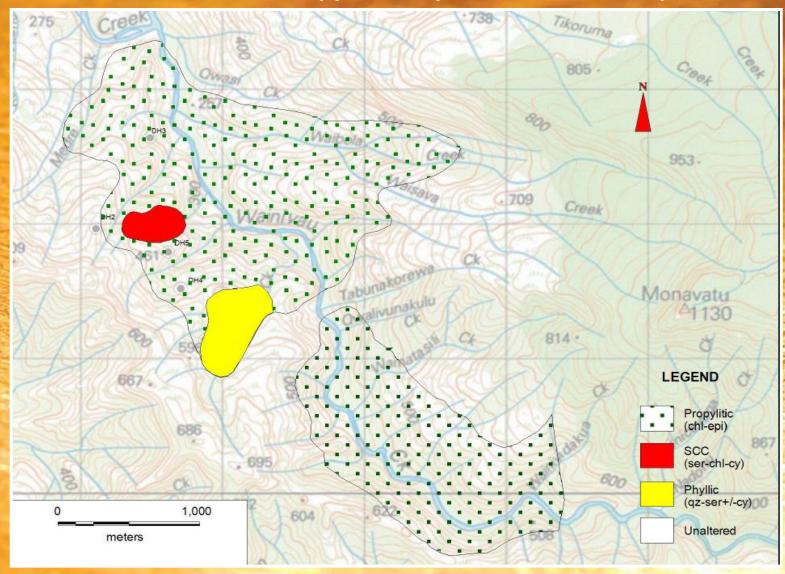
Geology Map of the Wainivau Gold-Copper Prospect

The Quartz (Qz) Diorite unit is copper mineralised in outcrop near Wainivau Creek (see photographs later in this presentation).



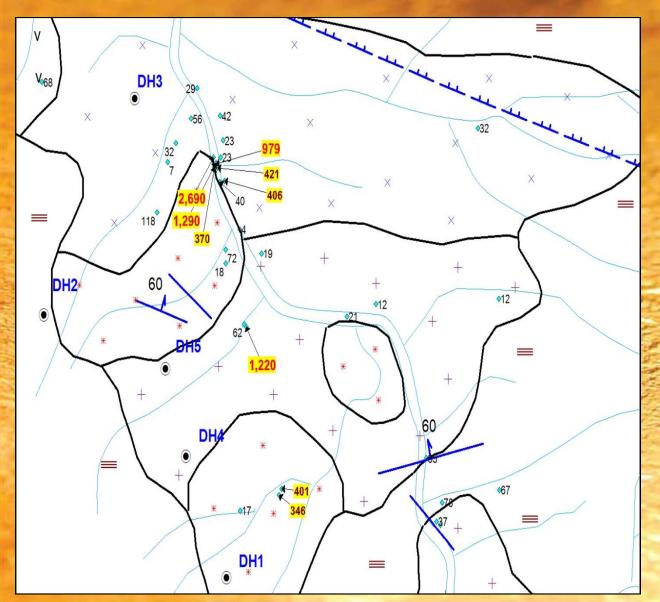


### Wainivau Gold-Copper Prospect alteration map





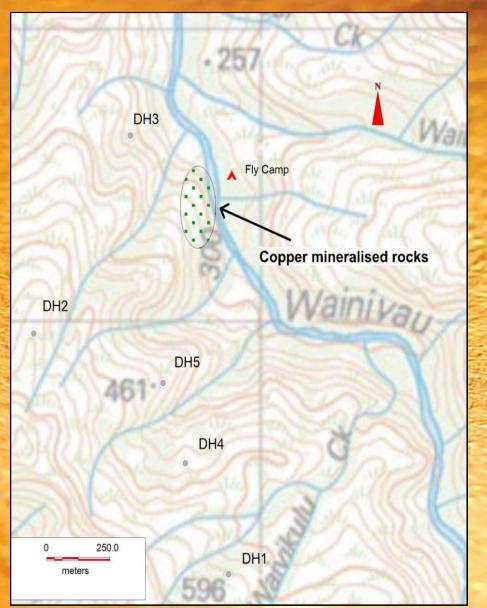
### Wainivau Gold-Copper Prospect



Copper assays (in ppm) of rock chip samples from the mineralised and altered porphyry outcrops at the Wainivau Prospect. Outcrops are rare due to cover by younger sediments or volcanics.

The values are typical of the top of a mineralised intrusive complex and are expected to increase deeper into the porphyry.

### Wainivau Gold-Copper Prospect



Location of Copper mineralised outcrops near Wainivau Creek at the Wainivau Prospect.

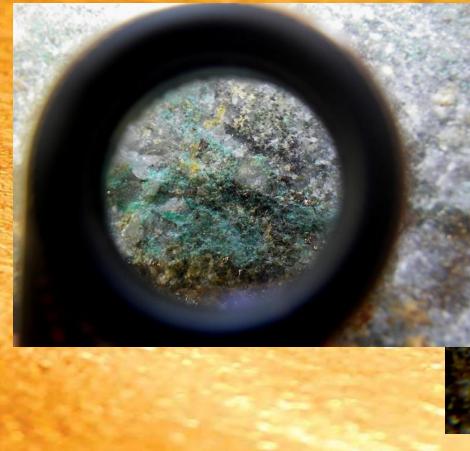
Drill holes designated DH1 to DH5 were drilled in the 1970s. All holes contained anomalous copper (up to 2,000ppm Cu) but were vertical in orientation, sited at the edges of the intrusive and too shallow to intersect where copper-gold mineralisation is interpreted to be best developed.

Wainivau Prospect porphyry Cu-Au prospect discovery outcrop sample of altered porphyry containing malachite and chalcopyrite (Cu) and magnetite veins



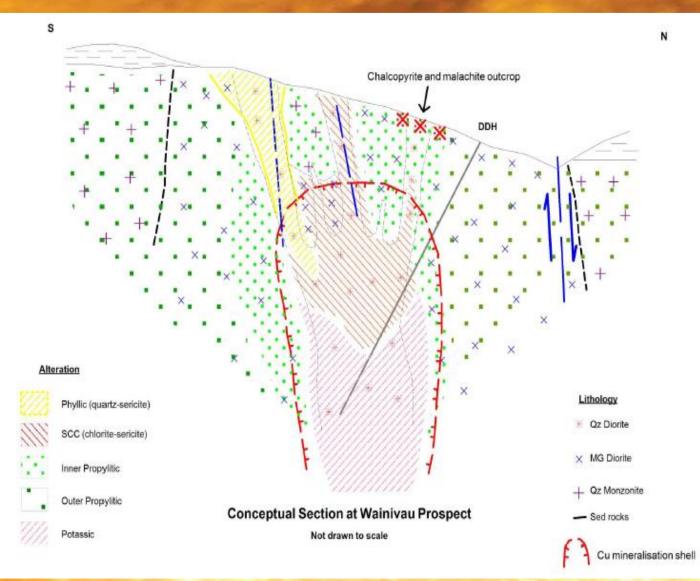


### Magnified views of copper minerals from outcrop near Wainivau Creek



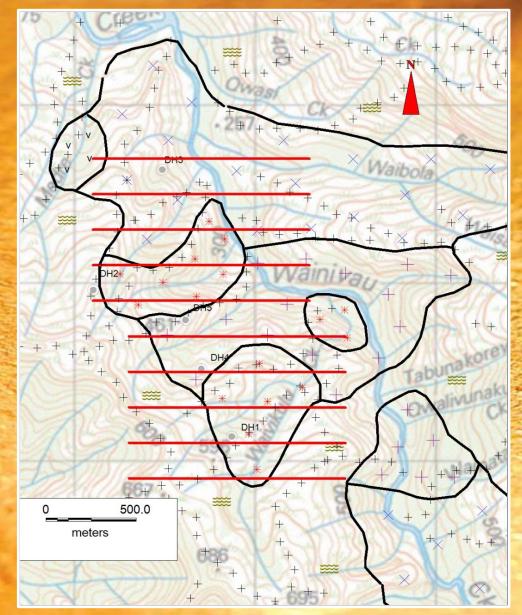


## **Schematic cross section projecting rock types and** alteration below surface mapping at the Wainivau Prospect



Note: The drill hole plot is a projection only and the hole has not yet been drilled.

### Wainivau Gold-Copper Prospect



Proposed 3D Induced Polarisation (IP) program of 15 line-kms.

A surface magnetometer survey will cover 25 line-kms.

The geophysical programs will map the subsurface mineralisation and provide drill targets.



Intense hydrothermal alteration at the Wainivau Prospect Potential for discovery of a high-value gold-copper deposit





### **Competent Person's Statement**

### **Competent Person:**

The contents of this presentation that relate to geology and exploration results are based on information compiled by Dome's CEO, John McCarthy, who is a Member of the Australasian Institute of Mining and Metallurgy.

Mr McCarthy has sufficient experience relevant to the styles of mineralisation and types of deposits under consideration and to the activity being undertaken to qualify as a "Competent Person", as defined in 2012 edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC 2012 code). Mr McCarthy indirectly holds shares in the Company and consents to the inclusion in this presentation of the matters compiled by him in the form and context in which they appear.

The exploration results were reported in a release to the ASX dated 23/10/14 and this release should be referred to for Competent Person statements and JORC 2012 Table 1 disclosures.

Further details of JORC 2012 compliant information, such as Table 1 disclosures, can be found in Dome's previous ASX releases, quarterly activities reports or at the Company's website: www.domegoldmines.com.au



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