



**ELDORE MINING CORPORATION LIMITED**  
ABN 82 110 884 262

15<sup>th</sup> June 2010

Company Announcements Office  
ASX Limited  
20 Bridge Street  
Sydney NSW 2000

### **FURTHER COPPER MINERALISATION AT MT HAGEN**

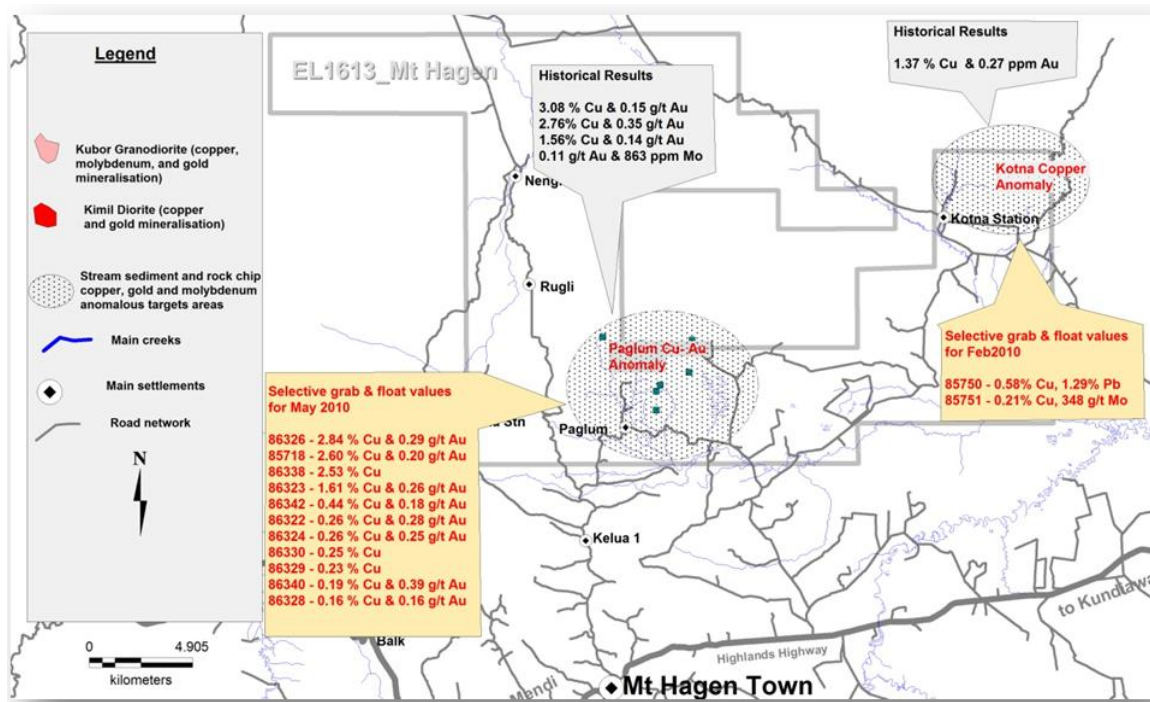
The Board of Eldore Mining Corporation Limited (ASX:EDM, "the Company") is pleased to announce that following ongoing fieldwork by its JV Partner, Pacific Niugini Minerals, additional encouraging signs of copper mineralisation have been discovered.

The objective of current works is to further extend the discovery in outcrop of copper & gold mineralised fault announced in the March Quarter. Two sampling teams have traversed 2.9 line kilometres of creeks and 4.2 line km of ridge & spur lines collecting samples. A further 100m of manual trenching has been completed.

In total 216 samples were collected, consisting of 106 rock and 110 soil samples. Samples were submitted to InterTek Laboratories for analysis for Au, Ag, Pb, Zn, Cu, Ni, Fe, Mn, Hg, As, Mo and Sb.

Best results are;

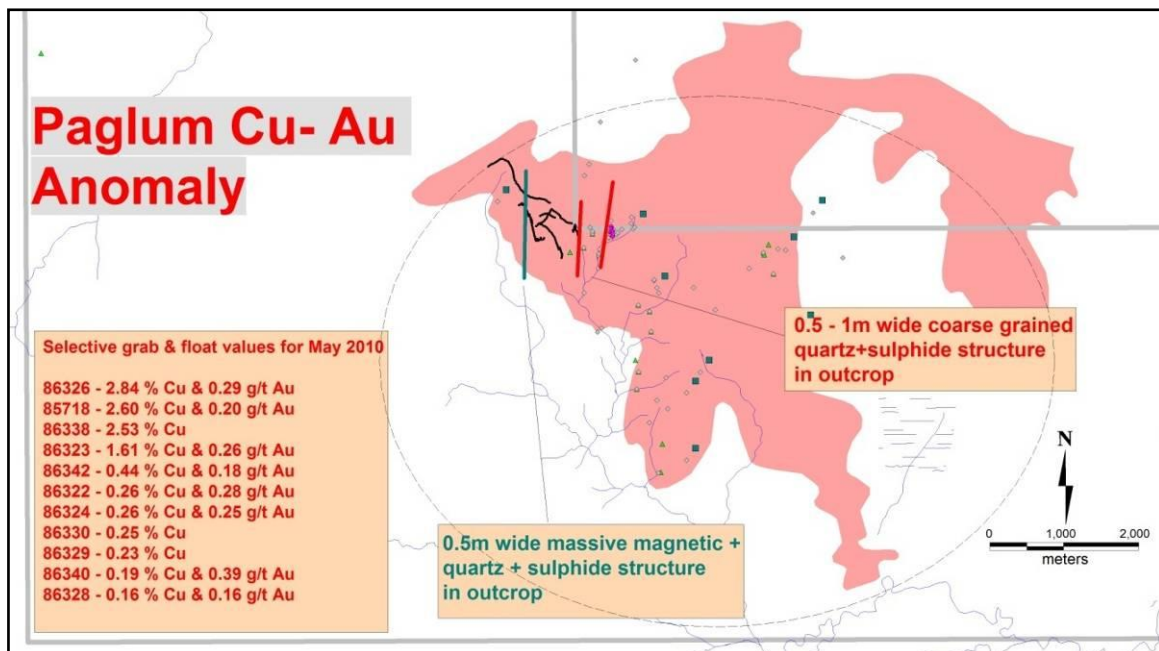
- **2.53 % Cu ( in outcrop) in sample 86338**
- **2.84 % Cu & 0.29 g/t Au (float) in sample 86326**
- **2.60 % Cu & 0.20 g/t Au (float) in sample 85218**
- **1.61 % Cu & 0.26 g/t Au (float) in sample 86323**



The geology of the area is largely underlain by Kubor Granodiorite, with late diorite stocks and plugs. The Granodiorite is typically competent and fresh, but when weathered shows intense occurrence of secondary biotite. Late mafic intrusives have well pronounced magnetite with <1.0% fine disseminated sulphide mineralization.

A north trending 1.0m wide fault intensely hydrothermal altered, highly silicified, steeply east dipping, copper and sulphide mineralised was mapped at centre of Paglum anomaly. The mineral assemblage includes coarse quartz + pyrite + chalcopyrite up to 10% hosted. The fault appeared to represent a faulted contact between the granodiorite and andesite. A similar but narrow (0.5m wide) mineralised parallel fault was located in outcrop few kilometres to NW. This fault shows massive magnetite + quartz + sulphides. The presence of massive magnetite suggests skarn type mineralisation within area.

Early observations seem to suggest a copper + sulphides + magnetite mineralisation is structurally controlled. Field work is continuing with the objective of discovering a large porphyry copper –gold deposit.



The Directors believe these very encouraging exploration results confirm the project has the potential to deliver a significant porphyry copper – gold discovery within the licence. Further results are expected as the field team progress the company’s ongoing exploration program at Mt Hagen.

*Yours faithfully*

**A R Hamilton**  
Chairman

*The information in this report that relates to exploration, mineral resources or ore reserves is based on information compiled by Mr Peter Cook (B.AppSc.) MSc (Min Econ.) MAusIMM who is a consultant to Eldore Mining Corporation Limited and is the Chairman of Pacific Niugini Limited. Mr Cook has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a competent person as described by the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Cook advises a company in which he is a shareholder, is a shareholder of Eldore. Mr Cook consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.*