

30 April 2012

HIGH GOLD-COPPER-MOLYBDENUM INTERSECTIONS IN FIRST HOLE AT PELUMAT

ASX: PSP

SHARE INFORMATION

Issued Shares: 382.69m Unlisted Options: 14.45m

BOARD OF DIRECTORS

Chairman & MD:	M. Munshi
Non-Exec:	J. Arbuckle
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KEY PROJECTS

ACEH

Ownership: earning 73% Location: Aceh, Indonesia

TENNANT CREEK

Ownership: 100%

Location: NT, Australia

Highlights:

- Significant gold-copper-molybdenum intersections achieved in first hole at Pelumat South in BAM joint venture licence.
 - Best intercepts include:

From 219 metres: 17 m @ 6.18 g/t Au; Including: 3 m @ 13.91 g/t Au; and: 1 m @ 60.0 g/t Au; From 227 metres: 10 m @ 0.97% Cu From 254 metres: 26 m @ 1.5 g/t Au; 0.43% Cu Including: 2 m @ 15.4 g/t Au; 1.40% Cu and: 2 m @ 1.84 g/t Au with 1 m @ 2.05% Cu and: 1 m @ 2.05% Cu and: 2 m @ 0.06% Mo and: 4 m @ 0.06% Mo From 310 metres: 2 m @ 4.64 g/t Au

 Mineralisation is associated with a zone of brecciated retrograde skarn and brecciated and hydrothermally altered microdiorite and includes wide intercepts of highly Au-Cu anomalous rock and local zones with significant Mo which includes:

> From 30.5 m 16.3 m @ 0.27 g/t Au From 69.0 m 28.0 m @ 0.24g/t Au From 85.0 m 11.9 m @ 0.36% Cu with 13.1 m @ 0.03% Mo From 178 m 19.0 m @ 0.30 g/t Au; 3 m @ 1.33% Cu including 1 m @ 3.39% Cu From 223.9 m 5.1 m @ 0.04% Mo

 Additional drilling is in progress and new systematic field mapping and sampling to the south has highlighted new targets. Results will be reported when data compilation is complete.



Prosperity Resources Limited (ASX: PSP) is pleased to announce that it has completed its first hole, PMDH001, at the South Pelumat Project in its 80% owned BAM Joint venture area southern Aceh. Results are very encouraging and offer good support for the mapping and geochemistry undertaken in the area. Sections showing geology summary reults are given in Figures 2 & 3 below.



Figure 1: Au-Cu intersections plotted over summary of drill hole geology. This summarises significant intersections. These generally sit in an elevated background of gold and copper associated with the zones of pro- and retrograde endoskarn alteration of microdiorite.



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Figure 2: Molybdenum values in hole PMDH001. Mo generally associates with the copper and gold but also occurs independently of them at some sites.

Addditional drilling has been initiated to test the broad zone of highly anomalous Au-Cu-Mo values in soil and rock chip samples associated with outcropping skarns and altered microdiorite intrusives. Ongoing mapping and sampling to the south indicate several other highly prospective targets. Results from this new work will be released when all relevant analytical data is received and checked and compilation is complete and been reviewed.



The Pelumat Prospect is one of ten known magnetic endoskarn and intrusive targets recognised by Prosperity along 60 kilometres of strike length in Prosperity's 410 square kilometre Aceh Project. The location of Prosperity exploration activities in southern Aceh are shown in Figure 3.

Chairman Mr Mo Munshi said, "The drill intersections achieved in our first hole at Pelumat are very exciting particularly when taken together with the encouragement we are getting from our ongoing exploration in the project area. The intersections have also added significantly to our regional understanding of the controls of mineralisation in the local district and elsewhere in Aceh where we have found mineralisation and will assist with planning our drilling program regionally".

Details of the geology, field program and rocks were discussed in the previous release to the ASX (13 March 2012). Examples of mineralised core intervals are shown below:



Depth 229.5 metres: Chalcopyrite-pyrite-covellite in skarn. From interval 10m @ 0.97% Cu.



Depth 230 metres: Chalcopyrite-pyrite-covellite in skarn. From interval 10m @ 0.97% Cu.



Depth 235.3 metres: Chalcopyrite-pyrite-covellite in skarn. From interval 10m @ 0.97% Cu.



Depth 254.5 metres: Native Au-chalcopyrite-pyrite in skarn. From interval 2m @ 15.4 g/t Au.





Depth 256.6 metres: Chalcopyrite-pyrite in microdiorite endoskarn. From interval 2m @ 1.40% Cu.



Depth 259.7 metres: Chalcopyrite-pyrite in microdiorite endoskarn. From interval 2m @ 1.40% Cu.



Depth 262.2 metres: Chalcopyrite-pyrite in microdiorite endoskarn. From interval 1m @ 2.25% Cu.



Depth 263.7 metres: Chalcopyrite-pyrite in microdiorite endoskarn. From interval 1m @ 2.05% Cu.





Figure 3: Location of Prosperity Licences (IUPs) and joint venture areas with assessed project target zones.



Analyses undertaken by Intertek, Jakarta using 50g fire assay for Au (Method FA50, Aqua regia finish); low base metals by ICP-OES (Method IC01); high base metals (>1%, Method GA50).

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Competent Person Statement

The exploration activities and results contained in this report have been reviewed by Dr. Neil F. Rutherford. Dr Rutherford is a Fellow of the Australian Institute of Geoscientists and is a full time employee of Rutherford Mineral Resource Consultants, mineral industry consultants. He has sufficient experience which is relevant to the style of mineralisation 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).

This review and comments by Dr Rutherford incorporated in the release text are based upon field inspection of the Aceh Project areas and drilling during period 2010 to 2012 along with input from his associates who have worked on the property. All of the significant information reported herein was available to Dr Rutherford and was reviewed for this release. Dr. Neil Rutherford has consented to the inclusion in this report of the matters based on this information in the form and context in which it appears.