



## Exploration Report

Antam's total exploration cost in August 2012 totalled to Rp23 billion (unaudited preliminary figure).

Antam conducted nickel exploration activities in Buli, North Maluku; Pomalaa, Southeast Sulawesi; and Pulau Gag, West Papua, costing Rp7.3 billion in August 2012.

Gold exploration activities were conducted at Pongkor and Papandayan, West Java; Cibaliung, Banten; Muara Mandaras, Jambi; Mao, Batuisi, West Sulawesi; and Oksibil, Papua in August 2012. Antam spent Rp13.6 billion on gold exploration activities in August 2012.

Antam conducted bauxite exploration activities at Mempawah, Landak, Tayan, and Munggu Pasir of West Kalimantan, with total cost of Rp1.8 billion in August 2012.

In August 2012, Antam carried out coal exploration in Bangko, Jambi as well as zircon exploration in Mandor, West Kalimantan. The cost to perform these activities reached Rp259.8 million.

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PT ANTAM (Persero) Tbk (ASX – ATM; IDX – ANTM; Antam) is pleased to announce its exploration report for August 2012 in accordance with the Indonesia Stock Exchange listing rules.

Antam's exploration activities were focused on nickel, gold, bauxite, in August 2012, with total preliminary cost of Rp23 billion.

#### NICKEL

Nickel exploration activities were conducted in Buli, North Maluku; Pomalaa, Southeast Sulawesi; and Pulau Gag, West Papua in August 2012.

In general, Antam conducted core logging and sampling, moisture content and specific gravity measurements, test pitting, topography and grid measurement, drilling, x-ray diffraction measurement, detailed geological mapping (DGM), sample preparation, and cross checking with external laboratory.

Antam spent Rp7.3 billion on nickel exploration activities in August 2012.

#### GOLD

Antam conducted gold exploration activities at West Java, Banten, Jambi, West Sulawesi, and Papua in August 2012. Antam spent Rp13.6 billion in August 2012 for gold exploration activities.

Exploration activities at Pongkor included, among others, DGM, core logging, hand-auger survey, core and soil sampling, drilling, drill-track measurement, geophysical survey with gravity method, point load testing, as well as geological evaluation and modeling.

In Papandayan, West Java, Antam performed DGM, core logging, test pitting, core sampling and drilling, geotechnical drilling, drill track measurement, and geophysical survey using magnetic, gravity, and CSMAT methods.

At Cibaliung, Antam conducted DGM, semi-detailed geological mapping (SDGM), hand-auger survey, drilling, core logging, rock, core, XRD, soil, and petmin samplings, geophysical survey with induced polarization (IP) method, and measurement of drill track and holes.



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Meanwhile, at Muara Manderas, Jambi, Antam performed DGM, fluid inclusion (FI), and rock samplings.

At Oksibil, Papua, Antam conducted SDGM, DGM, trenching, rock and XRD samplings, structure mapping, drill logging, drill track measurement, GPS survey, and geochemical analysis of soil and rock.

### **BAUXITE**

Antam conducted bauxite exploration activities at Mempawah, Landak, Tayan, and Munggu Pasir, West Kalimantan. Antam performed grid measurement, test pitting, and sampling as part of its bauxite exploration activities. Total exploration activities for bauxite amounted to Rp1.8 billion in August 2012.

### **COAL, LIMESTONE & ZIRCON**

During August 2012, Antam performed field surveys at coal and zircon prospects. The initial surveys for coal exploration were conducted in Bangko, Jambi and exploration activities with zircon target were carried out in Mandor, West Kalimantan. The total cost of these activities reached Rp259.8 million.

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*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Lukman Effendi, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Lukman Effendi is a full-time employee of the company. Mr Lukman Effendi 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 defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Lukman Effendi consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*