

# ASX ANNOUNCEMENT/MEDIA RELEASE

ASX Code: MNB

## EXCELLENT FERTILISER TESTWORK RESULTS

Emerging phosphate developer Minbos Resources Limited (“Minbos”) (ASX:MNB) has received positive results from a recent testing program to examine the ability of the Cacata concentrate to be converted to phosphoric acid and DAP fertiliser.

Leading global fertiliser company Yara was contracted to undertake the testwork.

### Highlights of the results include:

- The Cacata phosphate can be successfully processed in the dihydrate phosphoric acid route. The quality of the phosphate rock was good (of the order of 34.4% on a dry basis) with metallic impurities (aluminium, iron and magnesium) similar to the levels found in commercial phosphates, resulting in an excellent process performance
- The level of cadmium (10ppm) is similar to that found in other commercial rocks
- Filtration properties of the phosphoric acid slurry were excellent
- Water soluble losses were low, enabling a total P<sub>2</sub>O<sub>5</sub> efficiency in excess of 96% to be achieved, which is at the high end of the normal commercial range
- Concentration of the weak acid to commercial merchant grade 50% P<sub>2</sub>O<sub>5</sub> product was achieved
- Low magnesium and aluminium levels tempered the metal content, resulting in a DAP with high values for both N and P<sub>2</sub>O<sub>5</sub> with both in excess of the internationally accepted standard for DAP 18:46:0

Minbos Executive Chairman, Mr Peter Richards, said:

*“The Yara testwork has shown that the Cacata concentrate performs exceptionally well in the production of phosphoric acid and DAP fertiliser. This result is based largely on the high grade and low deleterious content of the rock phosphate that can be produced from Cacata and further supports the position of research company CRU that the Cacata concentrate should attract a healthy premium over the Moroccan benchmark.*”

PERTH OFFICE

108 Outram St  
West Perth WA 6005  
Australia  
T: +61 8 9476 4500  
E: [info@minbos.com](mailto:info@minbos.com)  
W: [www.minbos.com](http://www.minbos.com)

SOUTH AFRICA OFFICE

42 Kyalami Boulevard  
Kyalami Business Park,  
Kyalami Johannesburg  
South Africa

T: +27 11 466 8516/7

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*"This is great news as we work towards the development of our two phosphate rock projects in West Africa, to meet a growing global demand for fertiliser.*

### COMPETENT PERSON STATEMENT

*The information in this report has been reviewed and approved for release by Mr David Reeves, M. AusIMM, MSAIMM who has over 20 years' experience in mineral development. Mr Reeves is a non-executive director of Minbos. He has sufficient experience in relation to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code 2004 Edition). Mr Reeves has consented to inclusion of this information in the form and context in which it appears.*

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### For further information please contact:

Peter Richards	Robert McCrae
Executive Chairman	Chief Executive Officer
peter@minbos.com	robbie@minbos.com
(+61) 8 9476 4500	(+27) 82 319 2690

### For media enquiries contact:

David Ikin – Professional Public Relations  
david.ikin@ppr.com.au  
(+61) 8 9388 0944

### About Minbos

Minbos Resources Limited is an exploration and development company with phosphate and potash bearing ore within the Cabinda Province of Angola and the adjoining areas of the far western DRC. Through its subsidiaries and joint ventures, the Company is exploring over 400,000ha of highly prospective ground hosting phosphate and potash bearing ore.

Minbos is focussed on the completion of the Bankable Feasibility Studies on the both the High Grade Cacata project in the Cabinda Province of the Angola and the High Grade Kanzi Project in the Bas Congo Province of the DRC.

The Company's strategy is to specifically target the exploration and development of low cost fertiliser-based commodities in order to tap into the growing global demand for fertilisers. Phosphate and potash are an essential component in certain agricultural fertilisers, with the market supported by the increasing global demand for food and bio-fuel products. For more information, visit [www.minbos.com](http://www.minbos.com)