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MMG EXPLORATION LIMITED

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Core Sampling Report For MBXDD001

(March 2014)

Distribution

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1. ABSTRACT

In March 2014, MMG Exploration sampled a galena crystal from a vein at 146m in MBXDD001. The purpose of the sampling was to assess the Pb-isotope signature of the galena against known Pb-isotope signatures of deposits across northern Australia. The sampling details and results are taken from a report compiled by John Woodhead and Graham Carr, who prepared the sample.

2. SAMPLING DETAILS

A small sample of just a few crystals was carefully extracted from the vein using a scribe.

Pb isotopic analysis was undertaken at the University of Melbourne Isotope and Trace Element Laboratory. The sample was leached in a low pressure HF-HNO₃-HCL solution and Pb extracted using a single pass on Eichrom Sr resin. Isotope ratios were measured on a Multi Collector ICP-MS. Analytical precision is shown by the ellipse in the top left hand corner of the diagram.

3. RESULTS

Sa No	²⁰⁶ Pb/ ²⁰⁴ Pb	²⁰⁷ Pb/ ²⁰⁴ Pb	²⁰⁸ Pb/ ²⁰⁴ Pb
MBXDD001			
146m galena			
vein	16.248	15.471	35.932

4. REFERENCES

5. APPENDIX
