

Placer Minerals Group

<http://pmg.leeds.ac.uk>

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Overview

The PMG draws upon expertise in the fields of sedimentology and ore deposit geology to provide a unique centre for industry facing research. Our range of expertise is applied to economically important placers, the relationship between placer minerals and their source, and the application of placer geochemistry and mineralogy in the field of mineral exploration.

Principal PMG 2012-14 deliverables

Company-wide access to:

- » A list of key papers to introduce recent advances in placer geochemistry, mineralogy, evolution, and exploration.
- » Literature reviews and research highlights of key works and recent papers.
- » Comprehensive bibliography arranged into a database searchable by keywords.
- » Repository containing talks, lectures and posters presented by PMG members.

Research outputs in:

- » Gold grain mineralogy and implications for placer-lode gold relationships
- » Modeling the evolution of giant gold placers in both fluvial and fluvio-glacial systems
- » Indicator minerals and mineral exploration
- » Implications of mineralogy for mineral recovery

Knowledge transfer is a key remit of the PMG

PMG works closely with sister institutions the Turbidites Research Group (TRG) and the Fluvial Research Group (FRG) to provide a comprehensive sedimentology based resource for the full range of extractive industries. PMG also works in close collaboration with the Minerals Deposit Research Unit (MDRU) at The University of British Columbia.

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