

Latrobe Magnesium Ltd

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Latrobe Magnesium's technology produces magnesium

Latrobe Magnesium (ASX:LMG) has successfully processed its bulk sample of beneficiated fly ash to produce magnesium metal and cementitious material in its first full scale commercial smelter tests in China.

The BFA was prepared using LMG's unique hydromet patented process.

Test work involved smelting three charges of some 150 kilograms each through a commercial retort at the Wu Long's magnesium plant in Shanxi province.

This work was managed and supervised by LMG's Chinese construction partner, BTE Engineering Co.

Based on initial data, magnesium recoveries are in the range between 80% and 90%. Final numbers will be determined once more comprehensive assaying has been completed, upon the materials return to Australia.

At the lower end of the range, the magnesium recoveries are already 5% higher than the average magnesium recovery levels of Chinese plants that process dolomite, reflecting the advantage of LMG's unique BFA feedstock.

This work replaces pilot plant tests that might otherwise have been required and has addressed directly any scale-up risks using BFA as a feedstock in a full scale commercial operation.

By mid-November the magnesium crowns and the cementitious material from each test will be returned to LMG in Australia for further chemical and mineralogical analyses.

The large amount of cementitious material generated will enable large-scale cement tests to be completed.

Previous test work will be replicated to confirm the earlier results, together with a full suite of cement tests to determine the specific properties and advantages of this cementitious material.

This work will take 56 days to complete, although 80% of data is expected to be available within 28 days. Initial results should be available late December with the full tests results due by the end of January 2015.

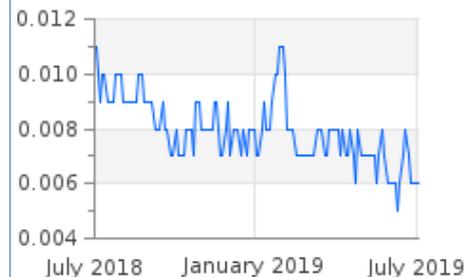
Following the completion of the cement tests, LMG will be able to commence its bankable feasibility study and its negotiations with potential customers who have expressed interest in entering into long term supply agreements.

Magnesium has the best strength-to-weight ratio of all common structural metals and is increasingly used in the manufacture of car parts, laptop computers, mobile phones and power tools.

Price: A\$0.006

Market Cap: A\$7.78M

1 Year Share Price Graph



Share Information

Code: LMG

Listing: ASX

52 week High Low
A\$0.01 A\$0.01

Sector: Mining

Website: www.latrobemagnesium.com

Company Synopsis:

Latrobe Magnesium Ltd (ASX:LMG) is listed on the Australian Securities Exchange.

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In October, the company received a Research and Development tax rebate of \$396,000 following its FY2014 tax return.

It is also raising \$400,000 of debt funding from Platinum Road to progress the development of its Latrobe Valley magnesium project

Australia is currently a net importer so LMG-produced magnesium could fill a supply gap.

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