

NEWS RELEASE
June 1, 2016

Symbol: TSX-V: MMS
For Immediate Dissemination

MACARTHUR MINERALS PLANS SECOND RECONNAISSANCE PROGRAM

Macarthur Minerals Limited (TSX-V: MMS) (the “Company” or “Macarthur Minerals”) is pleased to announce that it will undertake further reconnaissance of its 17 Exploration Licence Applications in the Pilbara region of Western Australia.

This second reconnaissance program will include:

- further sampling of pegmatites identified in the first heliborne reconnaissance program, which assays confirmed contained lithium¹; and
- heliborne reconnaissance of Pilbara acreage not covered in the initial heliborne reconnaissance program.

The Company will continue reconnaissance on its Pilbara Exploration Licence Applications, with the intention of identifying high grade lithium priority exploration targets for drilling following grant of applications. The initial reconnaissance program only assessed the lithium potential of a fraction of the Company’s acreage package.

The Company has also commenced a desk top technical review of data for Venturex Resources Limited’s (ASX: VXR) Sulphur Springs Project to identify areas of lithium mineralisation. As announced on May 27, 2016, the Company has entered into a Memorandum and Understanding (“MOU”) with Venturex Resources Limited for a potential Farm-in and Joint Venture Agreement for rights to lithium on its Sulphur Springs Project, which is adjacent to the Company’s Exploration Licence Applications E45/4735, E45/4732 and E45/4779².

The MOU has been entered into for the purpose of expanding the Company’s acreage for lithium, which is now in total 1,545 square kilometres (381,778 acres) (including prospective interest in rights to lithium on Sulphur Springs) of which 1,332 square kilometres (329,144 acres) is located in the Pilbara region of Western Australia. In addition, as the majority of Venturex Resources Limited’s acreage is comprised of granted Mining Leases M45/653, M45/494, M45/587 and M45/1001 it will allow for “fast tracking” exploration activities including drilling, while the Company’s Exploration Licence Applications are awaiting grant.

ABOUT MACARTHUR MINERALS LIMITED (TSX-V: MMS)

Macarthur Minerals Limited is an exploration and development company that is focused on identifying and developing high grade lithium and counter cyclical investments that complement Macarthur’s capabilities.

On behalf of the Board of Directors,

MACARTHUR MINERALS LIMITED

“Cameron McCall”
Cameron McCall, Chairman

Company Contact:
David Taplin, Managing Director
dtaplin@macarthurminerals.com
Tel: +61 407470044
www.macarthurminerals.com

¹ Macarthur Minerals Limited press release, May 27, 2016, <http://macarthurminerals.com/wp-content/uploads/2016/05/20160527.pdf>

² Ibid.

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