

FORM 51-102F3

Material Change Report

Item 1. Name and Address of Company

Planet Mining Exploration Inc. (the "Company")
302 – 750 West Pender Street
Vancouver, BC, V6C 2T7

Telephone: 604-681-0084

Item 2. Date of Material Change

News Release dated July 31, 2014

Item 3. News Release

News Release dated July 31, 2014 was disseminated on July 31, 2014 and filed on SEDAR on July 31, 2014.

Item 4. Summary of Material Change

Planet Mining announces director resignation.

Item 5. Full Description of Material Change

July 31, 2014 - Vancouver, B.C. Planet Mining Exploration Inc. ("Planet" or the "Company") (TSX-V: PXI) The Board of Directors of the Company announces the resignation of Mr. Patrick McAndless as a Director of the Company. The Company wishes to thank Mr. McAndless for his contribution and involvement and wish him well in his future endeavours.

Item 6. Reliance on subsection 7.1(2) or (3) of National Instrument 51-102

Not applicable

Item 7. Omitted Information

Not applicable

Item 8. Executive Officer

The following senior officer of the Issuer is knowledgeable about the material change and the Report and may be contacted:

Tony Ricci, President and Director Telephone: 604-681-0084.

Item 9. Date of Report

DATED at Vancouver, British Columbia, this 31st day of July, 2014.