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 September 8, 2014

Item 3. News Release

News Release dated September 8, 2014 was disseminated on September 8, 2014 and filed on SEDAR on September 8, 2014

Item 4. Summary of Material Change

Planet Mining Exploration announces resignation of officer.

Item 5. Full Description of Material Change

September 8, 2014 - Vancouver, B.C. Planet Mining Exploration Inc. ("Planet" or the "Company") (TSX-V: PXI) The Board of Directors of the Company announces that Mr. David Birkenshaw has stepped down as Chief Executive Officer of the Company, but will continue as a Director of the Company.

The Board has established a special committee of directors to identify, examine and continue to consider strategic investments and alternatives available to the Company with the ultimate view of enhancing shareholder value. The review will focus on all accretive investments including those outside the resource sector. The Company cautions shareholders that there is no assurance that the strategic review will result in any strategic or financial transactions. The Company will keep shareholders updated on the strategic review process and any material developments.

For further information, please contact Mr. Tony M. Ricci, President at 604-681-0084.

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 8th day of September, 2014.