

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 February 6, 2015

Item 3. News Release

News Release dated February 6, 2015 was disseminated on February 6, 2015 filed on SEDAR on February 6, 2015,

Item 4. Summary of Material Change

Planet announces resignations and appointment to its management.

Item 5. Full Description of Material Change

February 6, 2015 - Vancouver, B.C. Planet Mining Exploration Inc. ("Planet" or the "Company") (TSX-V: PXI) announces that Christopher Taylor has resigned as Vice President Resource Investment and a director of the Company, and that Tony M. Ricci has resigned as the President and a director of the Company, to pursue other opportunities. The Company would like to thank Mr. Taylor and Mr. Ricci for their contributions to the Company.

The Company also wishes to announce that David Birkenshaw, a director of the Company, has been appointed Chief Executive Officer of the Company. Mr. Birkenshaw has been the President and Chief Executive Officer of Birkenshaw & Company Ltd. since its formation in 1989. Mr. Birkenshaw was a Senior Vice President and Director of Price Waterhouse Coopers Securities LLP specializing in mergers, acquisitions and related financial advisory work in mining and marine transport industries from 1998 to 2000. Mr. Birkenshaw, through Birkenshaw & Company Ltd. has acted as a merchant banker, making significant investments across a broad range of industry sectors.

For further information, please contact David Birkenshaw 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:

David Birkenshaw, Chief Executive Officer and Director Telephone: 604-681-0084.

Item 9. Date of Report

DATED at Vancouver, British Columbia, this 6th day of February, 2015.