

MATERIAL CHANGE REPORT

ITEM 1. Name and Address of Company:

Platinex Inc. (the "Corporation")
11 Algonquin Crescent
Markham, Ontario L3R 9X7

ITEM 2. Date of Material Change:

May 31, 2010

ITEM 3. News Release:

A press release announcing the material change referred to in this report was issued on May 31, 2010 and disseminated through Canada News Wire.

ITEM 4. Summary of Material Change:

On May 31, 2010, the Corporation announced the appointment of five new directors to its board. The Corporation also announced the resignation of four directors.

ITEM 5. Full Description of Material Change:

5.1 Full Description of Material Change

Refer to the press release of the Corporation dated May 31, 2010 which is incorporated by reference.

5.2 Disclosure for Restructuring Transactions

Not applicable

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:

For further information contact:

James R. Trusler
President & CEO
(905) 470-6400 Ext 8007.

ITEM 9. Date of Report: June 2, 2010



PLATINEX APPOINTS FIVE NEW BOARD MEMBERS

TORONTO, ONTARIO, May 31, 2010 - Platinex Inc. (TSX-V: PTX), is pleased to announce the appointment of five new directors to its board. The five appointees comprise J. David Mason, President and CEO of Augen Gold Corporation, William Baird, President and CEO of Atlanta Gold Inc., Michael Blair, President and CEO of Automodular Corporation, Lorne D. Burden, Manager Corporate Development for Royal Nickel Corporation and Joanna Perrin, Vice-President of Corporate Development for Platinex Inc.

James R. Trusler, President and CEO of Platinex Inc. said, "I'm extremely pleased to be adding this entrepreneurial, exploration, mining and financing depth into the company. All of the new board members are team players who add important skill sets to Platinex. Following on its successful settlement with Ontario over the Big Trout Lake property in which Joanna Perrin was instrumental, Platinex is stepping up to a new aggressive business plan. Emphasis will be placed on drilling its Shining Tree gold property to expand resources and vigorously promoting syndication and joint venture of its platinum group element prospects in the Ring of Fire and elsewhere. I also wish to thank the four board members; Jim Marrelli, John Ross, Thomas Atkins and Robert Kearns who graciously consented to step aside for these new appointees and enable the Company to progress to the next level. They all contributed their time and effort to maintaining the company through difficult times."

About Platinex Inc.

Platinex is a Canadian mining exploration company. PTX's management team has been leaders in the exploration and development of Platinum Group Elements (PGEs) in North America for 24 years. Platinex also actively pursues the opportunistic acquisition of other precious metal targets. The Company's priority in exploration is reef-type targets which may host large scale ore bodies. Platinex's proprietary expertise in exploration for this type of ore body has led to the acquisition of 7 PGE property holdings over large layered intrusions. Platinex is also exploring the highly prospective Shining Tree gold property and recently expanded the known size of the Herrick gold deposit with a 26 hole drill program returning good gold values.

Platinex Inc.

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President & CEO
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To receive Company press releases, please email lparadis@platinex.com and mention "Platinex press release" on the subject line.

FORWARD-LOOKING STATEMENTS:

Except for statements of historical fact, all statements in this news release - including, without limitation, statements regarding future plans and objectives, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate; actual results and future events could differ materially from those anticipated in such statements.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.