

Form 51-102F3
MATERIAL CHANGE REPORT

Item 1. Name and Address of Reporting Issuer

Big North Graphite Corp.
350 – 885 Dunsmuir Street
Vancouver BC
V6C 1N5

(the “Company” or “Big North”)

Item 2. Date of Material Change

December 31, 2013

Item 3. News Release

A News Release dated December 31, 2013 was disseminated via
TheNewswire.ca.

Item 4. Summary of Material Changes

A summary of the nature and substance of the material change is as follows:

Big North Graphite Appoints Cesar J. Guajardo to the Board of Directors

Item 5. Full Description of Material Change

5.1 Full Description of Material Change

Big North Graphite Corp. (TSX-V: NRT) announces the appointment of Mr. Cesar J. Guajardo to the Board of Directors.

Mr. Guajardo is a Mexican national and has been involved in the Industrial Minerals and Gases Industries for 40 years. Mr. Guajardo spent 22 years with Praxair Mexico and was the former Managing Director of Praxair Mexico for ten years. Mr. Guajardo has 18 years of experience in the graphite business. He was the former owner and Chairman of the Board of Grafito de Mexico SA de CV, a private company and the former owner of the El Tejon Flake Graphite Mine and Mill in Oaxaca, Mexico. Big North Graphite recently signed an LOI to acquire the El Tejon project. Mr. Guajardo is a graduate of the Universidad de Nuevo Leon, and holds a degree in Industrial Engineering.

Big North President Spiro Kletas commented, “We are pleased to have Mr. Guajardo join the Board of Directors of Big North Graphite Corp. Mr. Guajardo has significant experience in all aspects of the graphite business, having managed the El Tejon mine itself, as well as being responsible for all graphite sales and operations. As Chairman and Managing Director of the El Tejon mine, Mr. Guajardo sold his mine’s product internationally. Mr. Guajardo brings a wealth of expertise and worldwide contacts in the graphite market to Big North.”

5.2 Disclosure for Restructuring Transactions

Not applicable.

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

Not applicable.

Item 7. Omitted Information

Not applicable

Item 8. Executive Officer

For further information, please contact Spiro Kletas at **(604) 629-8220**.

Item 9. Date of Report

January 8, 2014