

51-102F3
MATERIAL CHANGE REPORT

ITEM 1. Name and Address of Company

Pure Energy Minerals Limited (the “**Company**”)
Suite 1100 – 1111 Melville Street
Vancouver, BC V6E 3V6

ITEM 2. Date of Material Change

August 22, 2022

ITEM 3. News Release

The Company disseminated a news release via Newsfile in respect of the material change on August 24, 2022

ITEM 4. Summary of Material Changes

Resignation and appointment of directors.

ITEM 5. Full Description of Material Change

See attached news release.

ITEM 6. Reliance on Subsection 7.1(2) of National Instrument 51-102

This report is not being filed on a confidential basis.

ITEM 7. Omitted Information

There are no significant facts required to be disclosed herein which have been omitted.

ITEM 8. Executive Officer

For further information, please contact:
Mary Little, Managing Director
Telephone: c/o 604-608-6611

ITEM 9. Date of Report

August 25, 2022



Pure Energy Minerals Appoints Director

August 24, 2022 - Pure Energy Minerals Ltd. (TSX Venture:PE; OTCQB:PEMIF) (“Pure Energy” or “the Company”) is pleased to announce that Mr. Nathaniel D. Hartwig has been appointed to the board of directors of Pure Energy Minerals in place of Mr. Tyler Durham, who has resigned from the board of directors.

Mr. Hartwig holds a B.A. in Industrial Engineering from the Louisiana State University and received his MBA in Strategic Leadership from Michigan State University in 2004. He has held various positions with Schlumberger since 2013 and is currently Director North America, Schlumberger New Energy, leading new energy solutions in North America. Mr. Hartwig represents Schlumberger, which holds a 17.99% equity position in Pure Energy.

The Company thanks Mr. Durham for his considerable contributions as a board member of Pure Energy Minerals during the past three years and wishes him well in future endeavours.

“Pure Energy is very pleased to welcome Mr. Hartwig as a board member and we look forward to working with him as the Clayton Valley Project moves forward,” stated Mary Little, director of Pure Energy.

About Pure Energy

Pure Energy Minerals is a lithium resource developer that is driven to become a low-cost supplier for the growing lithium battery industry. Pure Energy has consolidated a pre-eminent land position at its Clayton Valley Project in the Clayton Valley of central Nevada for the exploration and development of lithium resources, comprising 950 claims over 23,360 acres (9,450 hectares), representing the largest mineral land holdings in the valley. Pure Energy’s Clayton Valley Project adjoins and surrounds on three sides the Silver Peak lithium brine mine operated by Albemarle Corporation.

Pure Energy’s strategic partner, Schlumberger Technologies Corporation (“SLB”), is the operator of the Clayton Valley Project. In May of 2019, Pure Energy and SLB signed an Earn-In agreement over the CV Project which requires significant investment by SLB at the Project, to include the design and construction of a pilot plant capable of processing lithium-bearing brines for high-quality lithium hydroxide monohydrate (“lithium hydroxide” or “LiOH·H₂O”) and/or lithium carbonate products at a specified rate. SLB plans to utilize both in-house and commercially available technology in the design of the CV pilot plant. SLB’s costs, technical parameters and ultimate technology are anticipated to differ from the published PEA. For further details regarding SLB’s participation, please refer to Pure Energy’s Annual General and Special Meeting Management Information Circular dated April 4, 2019, available on SEDAR.com.

On behalf of the Board of Directors,

“Mary L. Little”

Director, Pure Energy Minerals Ltd.

CONTACT:

Pure Energy Minerals Limited (www.pureenergyminerals.com)

Email: info@pureenergyminerals.com

Telephone – 604 608 6611

Cautionary Statements and Forward-Looking Information

The information in this news release contains forward looking statements that are subject to a number of known and unknown risks, uncertainties and other factors that may cause actual results to differ materially from those anticipated in our forward-looking statements. Factors that could cause such differences include: changes in world commodity markets, equity markets, costs and supply of materials relevant to the mining industry, change in government and changes to regulations affecting the mining industry. Forward-looking statements in this release may include future exploration and development on the Clayton Valley Project. Although we believe the expectations reflected in our forward-looking statements are reasonable, results may vary, and we cannot guarantee future results, levels of activity, performance or achievements.

The Company does not undertake to update any forward-looking information, except as required by applicable laws.

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