



Quest Rare Minerals Ltd.

PIERRE LORTIE APPOINTED CHAIRMAN OF QUEST RARE MINERALS

Toronto, September 11, 2014 - Quest Rare Minerals Ltd. (TSX; NYSE MKT: QRM) is pleased to announce that its Board of Directors has appointed Pierre Lortie as Chairman of the Board.

The appointment of Pierre Lortie follows the resignation of Robert L. Leclerc as Chairman of the Board and as a director of Quest, for personal reasons. Mr. Leclerc served as Quest's Chairman since 2010. The Board of Directors of Quest sincerely thanks Robert Leclerc for his dedicated service and for the significant contribution he made to Quest.

Pierre Lortie is a Senior Business Advisor at Dentons, a major international law firm. He is a director of Element Financial Corporation, Canam Group Inc., and Lamêlée Iron Ore Ltd. Mr. Lortie joined Dentons after a distinguished career as a corporate leader, serving as President and Chief Operating Officer of Bombardier Transportation, President and Chief Operating Officer of Bombardier Capital, President and Chief Operating Officer of Bombardier International, and President of Bombardier Aerospace, Regional Aircraft. He was Chairman, President and Chief Executive Officer of Proviso Inc., President and Chief Executive Officer of the Montreal Stock Exchange and a Senior Partner of Secor Inc. Mr. Lortie received an M.B.A. with honours from the University of Chicago, a license in applied economics from Université Louvain in Belgium, and a Bachelor's degree in applied sciences (engineering physics) from Université Laval, Québec City. He was awarded a Doctorate Honoris Causa in civil law from Bishop's University, Lennoxville, Québec. He was elected Fellow of the Canadian Academy of Engineering in 1988 and he was appointed Member of the Order of Canada in 2001. Mr. Lortie holds the ICD.D designation granted by the Institute of Corporate Directors. He has been a director of Quest since May 2014.

About Quest

Quest Rare Minerals Ltd. ("Quest") is a Canadian-based corporation with the objective of becoming an integrated rare earth mining and processing company. Quest is focused on the exploration and development of new rare earth element (REE) deposit opportunities. It is led by a team with a depth of experience in exploration, mining and metallurgical processing. Quest is currently advancing projects in two of Canada's premier exploration areas, the Strange Lake and Misery Lake regions of northeastern Québec, and has announced plans for a major hydrometallurgical processing facility in Bécancour, Québec.

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