

GREENLAND

MINERALS AND ENERGY LTD

Company Announcement

Thursday August 12th, 2010

Greenland Minerals and Energy Ltd (“GMEL” or “the Company”) refers to its announcement of 3rd August 2010 and the current suspension from trading of the securities of the Company.

Discussions in Greenland are continuing and the Company now expects to make an announcement between the 16th to the 20th August 2010 and the current suspension will continue until that time.

Yours faithfully,



Roderick McIlree

Managing Director
Greenland Minerals and Energy Ltd

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ABOUT GREENLAND MINERALS AND ENERGY LTD.

Greenland Minerals and Energy Ltd (ASX – GGG) is an exploration and development company actively exploring in southern Greenland. The Company's flagship project is the Kvanefjeld multi-element deposit (Rare Earth Elements, Zinc, Uranium), that is rapidly emerging as the world's premier specialty metals project. An interim report on pre-feasibility studies has demonstrated the potential for a large-scale mining operation. For further information on Greenland Minerals and Energy visit <http://www.ggg.gl> or contact:

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Greenland Minerals and Energy Ltd is aware of and respects the Greenlandic government stance on uranium exploration and development in Greenland – which is currently a zero tolerance approach to the exploration and exploitation of uranium. Any potential change toward the current stance of zero tolerance is not expected until after the public consultation and review process is concluded in the coming months.

The Company is currently advancing the Kvanefjeld Project, recognised as the world's largest undeveloped JORC compliant resource of rare earth oxides (REO), in a multi-element deposit that is inclusive of uranium and zinc.

Greenland Minerals will continue to advance this world class project in a manner that is in accord with both Greenlandic Government and local community expectations, and looks forward to being part of the community discussion on the social and economic benefits associated with the development of the Kvanefjeld Project.

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