GREENLAND
MINERALS AND ENERGY LTD

ASX: GGG

Company Announcement Wednesday July 4th 2012

Greenland Minerals Renames Zone 2 Rare Earth-Uranium Deposit As the Sørensen Deposit

Greenland Minerals and Energy Ltd ("GMEL" or "the Company") is pleased to announce that it has renamed the recently discovered Zone 2 rare earth-uranium deposit as the Sørensen deposit in acknowledgement of the Danish geoscientist Henning Sørensen and chemical engineer Emil Sørensen.

Henning Sørensen commenced working on the Ilimaussaq alkaline complex in 1946, and has since returned over 20 times. He is considered by many as laying the technical foundation upon which known mineral resources and their characteristics have been established.

Initially Henning Sørensen's work focussed on the unusual mineralogy within the complex, but this focus soon shifted to the economic importance of its mineral resources. From 1964 to 1977 he directed many of the work programs that set out to evaluate the economic potential of the Ilimaussaq Complex. This period culminated with a comprehensive report on the geology, reserves and beneficiation of the Kvanefjeld deposit.

Henning went onto publish papers in IAEA forums on the potential to source uranium from alkaline rocks. In 1990 he co-convened an International Minerals Association conference in Beijing on minerals for future materials. Through this forum the enormous rare metal potential of the Ilimaussaq Complex was put forward. In a special issue of Applied Geochemistry published in 1992 Henning Sørensen authored a paper on the potential to exploit rare metals in a multi-element capacity from alkaline rocks with a focus on Greenland's Ilimaussaq Complex. This paper put forward the concept that has evolved to become the Kvanefjeld multi-element project.

Henning Sørensen was professor of petrology at Copenhagen University since 1962 and in 1967 he became the first director of its Institute for Petrology. Henning retired in 1992 but has continued to work on the Ilimaussaq complex, and actively publishes on new developments in understanding.

Since commencing operations on the Ilimaussaq Complex in 2007 a number of GMEL personnel have had the honour of meeting Henning Sørensen, and updating him on technical developments that continue to arise as more drill data has been produced. Whilst Henning has contributed much to the understanding of the Kvanefjeld deposit, he also spoke passionately about the regional potential for further large-scale deposits. Exploratory drilling has now proved this to be correct, with substantial new multi-element deposits of rare earth elements and uranium identified at the Sørensen deposit and Zone 3.

Today, the collective resources of the northern Ilimaussaq Complex represent one of the largest known resources of rare earth elements and uranium globally (Table 1). For these reasons, the Company sees it as only appropriate to commemorate Henning's contributions by naming the most significant of these new resources in his honour.

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Upon request to rename Zone 2 in his honour, Henning graciously accepted. In his response Henning recalled spending time in 1957 camped beneath the slopes at what is now the Sørensen deposit. He recalled noticing the massive boulders of steenstrupine-rich lujavrite; an indication of what lay behind the large slope above. Before further investigations could be made attention moved to Kvanefjeld plateau, located 6 km to the north where the ore material outcropped extensively, leaving the large mass of REE-uranium mineralisation largely concealed under an overlying cap of unmineralised rock called naujaiite.

An initial mineral resource estimate for the Sørensen deposit was released by GMEL in March 2012. This followed a series of drill program conducted in 2008, 2010 and 2011. The global mineral resource includes 162 Mlbs U_3O_8, 2.67 Mt total rare earth oxide. The deposit remains open in a northerly direction.

Henning also requested that he share the honour with his long-standing colleague Emil Sørensen (1927 to 2007). Emil was a chemical engineer who represented Risø (the Danish atomic energy commission), and managed many of the historic research programs to evaluate the appropriate methods to treat the uranium-rich ores from Kvanefjeld.

Together Henning and Emil Sørensen made enormous inroads into demonstrating the mineral resource potential of the Ilimaussaq Complex, and establishing a viable means to process the vast but unusual ores. Their efforts have been highly important in presenting Greenland with the opportunity to become a major supplier of strategically important and valuable minerals, thereby creating new industry, jobs and opportunity.

Yours faithfully,

Roderick McIllree
Managing Director
Greenland Minerals and Energy Ltd

Table 1. Statement of Identified Mineral Resources, Kvanefjeld Multi-Element Project.

Multi-Element Resources Classification, Tonnage and Grade										Contained Metal				
Cut-off (U_3O_8 ppm)[1]	**Classification**	**M tonnes** Mt	**TREO**[2] ppm	**U_3O_8** ppm	**LREO** ppm	**HREO** ppm	**REO** ppm	**Y_2O_3** ppm	**Zn** ppm	**TREO** Mt	**HREO** Mt	**Y_2O_3** Mt	**U_3O_8** M lbs	**Zn** Mt
Kvanefjeld - March 2011														
150	**Indicated**	437	10929	274	9626	402	10029	900	2212	**4.77**	0.18	0.39	**263**	0.97
150	**Inferred**	182	9763	216	8630	356	8986	776	2134	**1.78**	0.06	0.14	**86**	0.39
150	**Grand Total**	619	10585	257	9333	389	9721	864	2189	**6.55**	0.24	0.53	**350**	1.36
200	**Indicated**	291	11849	325	10452	419	10871	978	2343	**3.45**	0.12	0.28	**208**	0.68
200	**Inferred**	79	11086	275	9932	343	10275	811	2478	**0.88**	0.03	0.06	**48**	0.20
200	**Grand Total**	370	11686	314	10341	403	10743	942	2372	**4.32**	0.15	0.35	**256**	0.88
250	**Indicated**	231	12429	352	10950	443	11389	1041	2363	**0.24**	2.53	2.63	**178**	0.55
250	**Inferred**	41	12204	324	10929	366	11319	886	2598	**0.04**	0.45	0.46	**29**	0.11
250	**Grand Total**	272	12395	347	10947	431	11378	1017	2398	**0.28**	2.98	3.09	**208**	0.65
300	**Indicated**	177	13013	374	11437	469	11906	1107	2414	**2.30**	0.08	0.20	**146**	0.43
300	**Inferred**	24	13120	362	11763	396	12158	962	2671	**0.31**	0.01	0.02	**19**	0.06
300	**Grand Total**	200	13025	373	11475	460	11935	1090	2444	**2.61**	0.09	0.22	**164**	0.49
350	**Indicated**	111	13735	404	12040	503	12543	1192	2487	**1.52**	0.06	0.13	**98**	0.27
350	**Inferred**	12	13729	403	12239	436	12675	1054	2826	**0.16**	0.01	0.01	**10**	0.03
350	**Grand Total**	122	13735	404	12059	497	12556	1179	2519	**1.68**	0.06	0.14	**108**	0.31
Sørensen - March 2012														
150	**Inferred**	242	11022	304	9729	398	10127	895	2602	**2.67**	0.10	0.22	**162**	0.63
200	**Inferred**	186	11554	344	10223	399	10622	932	2802	**2.15**	0.07	0.17	**141**	0.52
250	**Inferred**	148	11847	375	10480	407	10887	961	2932	**1.75**	0.06	0.14	**123**	0.43
300	**Inferred**	119	12068	400	10671	414	11084	983	3023	**1.44**	0.05	0.12	**105**	0.36
350	**Inferred**	92	12393	422	10967	422	11389	1004	3080	**1.14**	0.04	0.09	**85**	0.28
Zone 3 - May 2012														
150	**Inferred**	95	11609	300	10242	396	10638	971	2768	**1.11**	0.04	0.09	**63**	0.26
200	**Inferred**	89	11665	310	10276	400	10676	989	2806	**1.03**	0.04	0.09	**60**	0.25
250	**Inferred**	71	11907	330	10471	410	10882	1026	2902	**0.84**	0.03	0.07	**51**	0.2
300	**Inferred**	47	12407	358	10887	433	11319	1087	3008	**0.58**	0.02	0.05	**37**	0.14
350	**Inferred**	24	13048	392	11392	471	11864	1184	3043	**0.31**	0.01	0.03	**21**	0.07
Project Total														
Cut-off (U_3O_8 ppm)[1]	**Classification**	**M tonnes** Mt	**TREO**[2] ppm	**U_3O_8** ppm	**LREO** ppm	**HREO** ppm	**REO** ppm	**Y_2O_3** ppm	**Zn** ppm	**TREO** Mt	**HREO** Mt	**Y_2O_3** Mt	**U_3O_8** M lbs	**Zn** Mt
150	**Indicated**	437	10929	274	9626	402	10029	900	2212	**4.77**	0.18	0.39	**263**	0.97
150	**Inferred**	520	10687	272	9437	383	9820	867	2468	**5.55**	0.20	0.45	**312**	1.28
150	**Grand Total**	956	10798	273	9524	392	9915	882	2351	**10.33**	0.37	0.84	**575**	2.25

[1]There is greater coverage of assays for uranium than other elements owing to historic spectral assays. U_3O_8 has therefore been used to define the cut-off grades to maximise the confidence in the resource calculations.

[2]Total Rare Earth Oxide (TREO) refers to the rare earth elements in the lanthanide series plus yttrium.

Note: Figures quoted may not sum due to rounding.

ABOUT GREENLAND MINERALS AND ENERGY LTD.

Greenland Minerals and Energy Ltd (ASX – GGG) is an exploration and development company focused on developing high-quality mineral projects in Greenland. The Company's flagship project is the Kvanefjeld multi-element deposit (Rare Earth Elements, Uranium, Zinc), that is rapidly emerging as a premier specialty metals project. An interim report on pre-feasibility studies has demonstrated the potential for a large-scale multi-element 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 will continue to advance the Kvanefjeld project in a manner that is in accord with both Greenlandic Government and local community expectations, and looks forward to being part of continued community discussions on the social and economic benefits associated with the development of the Kvanefjeld Project.

The information in this report that relates to exploration targets, exploration results, geological interpretations, appropriateness of cut-off grades, and reasonable expectation of potential viability of quoted rare earth element, uranium, and zinc resources is based on information compiled by Mr Jeremy Whybrow. Mr Whybrow is a director of the Company and a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Whybrow has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Whybrow consents to the reporting of this information in the form and context in which it appears.

The geological model and geostatistical estimation for the Kvanefjeld and Zone 2 deposits were prepared by Robin Simpson of SRK Consulting. Mr Simpson is a Member of the Australian Institute of Geoscientists (AIG), and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Simpson consents to the reporting of information relating to the geological model and geostatistical estimation in the form and context in which it appears.