

Inventory of the literature on the Ilímaussaq alkaline complex, South Greenland

John Rose-Hansen, Henning Sørensen
and W. Stuart Watt (compilers)



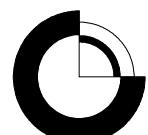
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Contents

Preface.....	5
Inventory of the literature on the Ilímaussaq alkaline complex, South Greenland.....	7
The series 'Contributions to the mineralogy of Ilímaussaq'.....	33
CD-ROM	in pocket

Preface

The Ilímaussaq alkaline complex located near the town of Narsaq in South Greenland is the type locality for agpaitic nepheline syenites and represents an enormous concentration of a number of rare elements, particularly Li, Be, Nb, Zr, REE, Y, U and Th. This explains the presence of about 220 minerals, 27 of these discovered in and first described from the complex, and nine only found there.

The complex has been studied for close to 200 years by a large number of scientists from many countries, and aspects of mineralogy, petrology, and economic mineral deposits have all been dealt with. Consequently, the literature on the complex is found in an unusually wide variety of sources, some of which are not easily accessible. The basic requisite for searching literature is knowledge of what to search for. Modern computer-based literature retrieval systems such as GEOREF yield only very incomplete returns because unpublished reports and theses, and many Russian sources, are not included. Over several years we have collated references to the literature on the Ilímaussaq complex into a comprehensive bibliography which presently contains c. 750 entries – in contrast, GEOREF yields 234 returns in a general search for 'Ilímaussaq'.

In 1965 it was decided to collate papers on the mineralogy (in a broad sense) of the complex published in various scientific journals into a consecutively numbered series: *Contributions to the mineralogy of Ilímaussaq*. The first issue appeared in 1965, and the series has now reached no. 113.

This report contains both the comprehensive Ilímaussaq bibliography and an updated list of the series *Contributions to the mineralogy of Ilímaussaq*. It is issued as a companion to the Geology of Greenland Survey Bulletin vol. 190: *The Ilímaussaq alkaline complex, South Greenland: status of mineralogical research with new results*, edited by Henning Sørensen, which contains 18 papers on various aspects of the complex.

The bibliography and the list are presented both as printed text and as computer files on an enclosed CD-ROM. The files are in WordPerfect 5.1 format and can be freely copied and used for electronic searching. They are, however, not indexed in any way. We hope that the collated information will be of use to the broad scientific community engaged in research on alkaline rocks, their minerals and their economic geology.

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This inventory comprises works relating to the geology, geochemistry, mineralogy, petrology and economic geology of the Ilímaussaq alkaline complex and the

effects of the minerals on the environment. Works containing Ilímaussaq material for comparison and discussion purposes are also included.

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The series ‘Contributions to the mineralogy of Ilímaussaq’

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