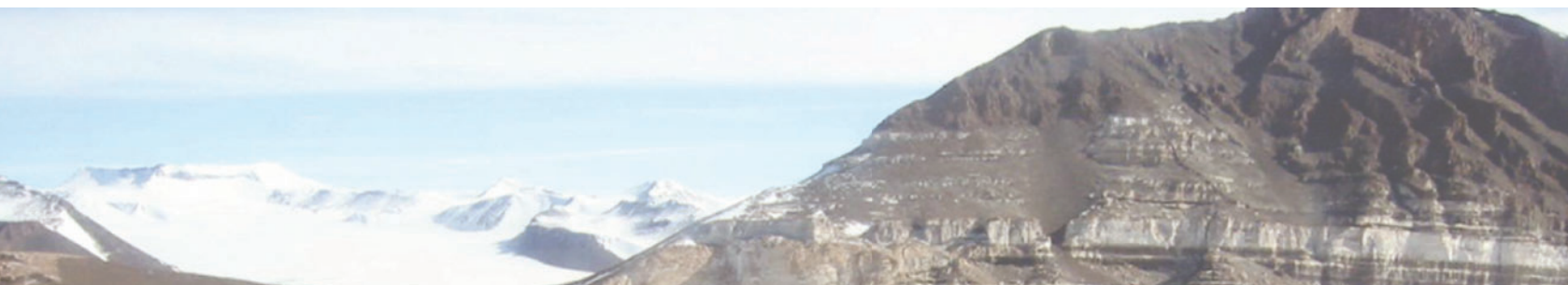


Cambridge University Press
978-0-521-76115-4 - Earth Materials: Introduction to Mineralogy and Petrology
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32 Avenue of the Americas, New York, NY 10013-2473, USA

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www.cambridge.org
Information on this title: www.cambridge.org/9780521145213

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First published 2013
Reprinted with corrections 2013 (twice)
Reprinted 2014 (twice)
Reprinted with corrections 2015

Printed in the United States of America

A catalog record for this publication is available from the British Library.

Library of Congress Cataloging in Publication data

Klein, Cornelis, 1937–
Earth materials : introduction to mineralogy and petrology / Cornelis Klein,
Anthony Philpotts.
p. cm.

Includes bibliographical references and index.
ISBN 978-0-521-76115-4 (hardback) – ISBN 978-0-521-14521-3 (paperback)
1. Mineralogy – Textbooks. 2. Petrology – Textbooks. I. Philpotts, Anthony R.
(Anthony Robert), 1938– II. Title.
QE363.2.K529 2012
553–dc23 2011044843

ISBN 978-0-521-76115-4 Hardback
ISBN 978-0-521-14521-3 Paperback

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Cover: Photograph of a polished surface of a rock type known as garbenschiefer, from the German words Garbe, meaning sheaf, and Schiefer, meaning schist. It is a metamorphosed igneous rock and consists of coarse black hornblende sheaves and reddish-brown garnets in a fine-grained matrix of plagioclase, quartz, chlorite, and muscovite. This rock is quarried in Ashfield, Massachusetts, as “dimension stone,” and is commercially known as “Crowsfoot” Ashfield Stone. It is part of the Ordovician Hawley Formation, which has a minimum age of 462 million years. Field of view: ~15 cm by 20 cm.
Photograph courtesy of Marc Klein.