

Atlas of Common Rock-Forming Minerals in Thin Section

To be used in conjunction with
GEOL 303A and 303B laboratories

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Atlas Of The Rock Forming Minerals In Thin Section

**W.S. MacKenzie, A.E. Adams, K.H.
Brodie**



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optical biaxial mineral groups Part C contains identification tables for the minerals and diagrams showing the international classification of magmatic rocks as well as a colour plate section showing crystal forms of minerals The book will provide an invaluable guide to all undergraduate earth scientists as well as to professional geologists requiring an overview of mineral identification in thin section *Rocks and Minerals in Thin Section* W.S. MacKenzie,A.E. Adams,K.H. Brodie,2017-11-02

This concise clear and handy sized volume aimed at the undergraduate level provides an introduction to the observation description and identification in thin section using the polarizing microscope of samples of the commonly occurring rocks and minerals Illustrated with a wealth of full colour thin section photomicrographs and with the original images enhanced by new examples and a revised text the book explains how to observe mineral and rock samples under the microscope The book highlights the important diagnostic features of minerals and deals with all rock types igneous sedimentary and metamorphic each with equal emphasis and authority giving students the knowledge and confidence to begin to identify specimens for themselves While intended for students in geology geography civil engineering and materials science the book stands on its own as a beautiful collection of photomicrographs and a permanent source of reference and fascination for all those interested in the nature and science of the world of rocks and minerals **A Key for Identification of Rock-Forming**

Minerals in Thin Section Andrew J. Barker,2017-11-20 Structured in the form of a dichotomous key comparable to those widely used in botany the mineral key provides an efficient and systematic approach to identifying rock forming minerals in thin section This unique approach covers 150 plus of the most commonly encountered rock forming minerals plus a few rarer but noteworthy ones Illustrated in

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