

Hydrothermal Vents and Processes

Geological Society Special Publications
Series Editor A.J. FLEET

GEOLOGICAL SOCIETY SPECIAL PUBLICATION NO. 87

Hydrothermal Vents and Processes

EDITED BY

L. M. PARSON

Institute of Oceanographic Sciences, Wormley, UK

C. L. WALKER

University of Leeds, UK

D. R. DIXON

Plymouth Marine Laboratories, UK

1995

Published by
The Geological Society
London

THE GEOLOGICAL SOCIETY

The Society was founded in 1807 as the Geological Society of London and is the oldest geological society in the world. It received its Royal Charter in 1825 for the purpose of 'investigating the mineral structure of the Earth'. The Society is Britain's national society for geology with a membership of 7500 (1993). It has countrywide coverage and approximately 1000 members reside overseas. The Society is responsible for all aspects of the geological sciences including professional matters. The Society has its own publishing house, which produces the Society's international journals, books and maps, and which acts as the European distributor for publication of the American Association of Petroleum Geologists, SEPM and the Geological Society of America.

Fellowship is open to those holding a recognized honours degree in geology or cognate subject and who have at least two years' relevant postgraduate experience, or who have not less than six years' relevant experience in geology or a cognate subject. A Fellow who has not less than five years' relevant postgraduate experience in the practice of geology may apply for validation and, subject to approval, may be able to use the designatory letters C Geol (Chartered Geologist).

Further information about the Society is available from the Membership Manager, The Geological Society, Burlington House, Piccadilly, London W1V 0JU, UK. The Society is a Registered Charity No. 210161.

Published by The Geological Society from:
The Geological Society Publishing House

Unit 7
Brassmill Enterprise Centre
Brassmill Lane
Bath BA1 3JN
UK
(Orders: Tel 01225 445046
Fax 01225 442836)

First published 1995

The publisher makes no representation, express or implied, with regard to the accuracy of the information contained in this book and cannot accept any legal responsibility for any errors or omission that may be made.

© The Geological Society 1995. All rights reserved. No reproduction, copy or transmission of this publication may be made without written permission. No paragraph of this publication may be reproduced, copied or transmitted save with the provisions of the Copyright Licensing Agency, 90 Tottenham Court Road, London W1P 9HE. Users registered with the Copyright Clearance Center, 27 Congress Street, Salem, MA 01970, USA: the item fee code for this publication is 0308-8719/95/\$7.00.

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

ISBN 1-897799-25-X

Typeset by Type Study, Scarborough, UK

Printed by Alden Press, Oxford, UK

Distributors

USA

AAPG Bookstore
PO Box 979
Tulsa
OK 74101-0979
USA

(Orders: Tel (918) 584-2555
Fax (918) 584-0469)

Australia

Australian Mineral Foundation
63 Conyngham Street
Glenside
South Australia 5065
Australia

(Orders: Tel (08) 379-0444
Fax (08) 379-4634)

India

Affiliated East-West Press pvt Ltd
G-1/16 Ansari Road
New Delhi 110 002
India

(Orders: Tel (11) 327-9113
Fax (11) 326-0538)

Japan

Kanda Book Trading Co.
Tanikawa Building
3-2 Kanda Surugadai
Chiyoda-Ku
Tokyo 101
Japan

(Orders: Tel (03) 3255-3497
Fax (03) 3255-3495)