

impressive as they portray location of rifting, hot-spot development of magma chamber in the basement, intrusion of the Erinpura and Mount Abu batholiths, mantle upwelling, rifting and eruption of Malani bimodal volcanism followed by Marwar sedimentation. Attainment of peralkaline character of acid volcanics under vapour pressure is reasonably explained.

10. In the "Economic aspects" of the area, the authors offer a brief review of the potentiality of Malani rocks for economic minerals, and the economic aspects embrace the building and ornamental stones, flourite, semiprecious stones, perlitites, sulphides, Sn, W and Mo occurrences, Degana tungsten, and potentiality of Siwana, Jalor and Mungria areas. The authors feel that the alkaline complexes of Sarnu-Dandali and Mundwara deserve further detailed investigations for rare-earth elements. The text of the Memoir culminates in an impressive "Summary and Conclusions".

The text of the Malani 'magmatic material' flows in a simple and lucid style that is very characteristic of GSI publications. Except for the missing of sample numbers for rocks with serial numbers 1-74 in Table 8, magnification (scale) for photomicrographs presented in plates 44-48, and a small typographic correction for SiO<sub>2</sub> in Fig.9, there are no apparent mistakes in the presentation of factual data. The reader, in the first instance, may search for 'explanation to

symbols' used in Figures but soon he will find it on the last page (181).

The reader of the Memoir will surely be profited by the pains taken by the authors in bringing out the complex story of the 'Malani igneous suite and Tertiary alkaline province' in a simple and concise form. Dr. Bhushan and Dr. Chandrasekaran richly deserve compliments from all sections of the geological community for their meticulous compilation, superb presentation and flawless editing of high quality and voluminous data that is otherwise scattered and hidden in literature, resembling in this respect, the outcrops of the Malani in the Thar desert of Rajasthan.

The Memoir which comes with a beautiful coloured (front and back) cover page of columnar Malani rhyolite, could be a precious addition to any individual's personal collection, and it should be owned by all the libraries of the Earth Science Departments in the academic institutions, and professional organisations for general reference by the students, teachers, researchers and professional geologists. The publication is available in the Library of the Geological Society of India (Bangalore), and is for sale at the Geological Survey of India, Kolkata.

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## ANNOUNCEMENT'

**INTERNATIONAL SYMPOSIUM ON RECENT TRENDS IN SURFACE GEOCHEMICAL PROSPECTING AND RISK REDUCTION FOR HYDROCARBON EXPLORATION AND DEVELOPMENT:** National Geophysical Research Institute (NGRI) is organizing the above symposium during 6-7. **December** 2003 at NGRI, Hyderabad. The topics of the symposium are: (1) Challenges of Hydrocarbon Exploration and Development in the Coming Decades; (2) Gaseous Hydrocarbon Based Methods; (3) Bitumen and Solvent Extraction Based Methods; (4) Soil Salt Methods; (5) Trace Element Based Techniques; (6) Microbial Methods; (7) Helium Emanometric Methods; (8) Geochemical Prospecting and Data Management, Processing and Interpretation Techniques and (9) Integrated Geochemical and Geophysical Prospecting Techniques. For further details, please contact: Dr. B. Kumar, Convener and Organizing Secretary, ISGP-2003, National Geophysical Research Institute, Uppal Road, Hyderabad - 500 007, India. **Phone:** 91-40-23434608; **Fax:** 91-40-27171564, 23434651; **Email:** [coisgp@rediffmail.com](mailto:coisgp@rediffmail.com); [csisgp@rediffmail.com](mailto:csisgp@rediffmail.com)