Bhushan (1985) from Sankra Hill region near Pokaran. Geochronological data of Crawford and Compston (1970) flaunt a wrong signal about the emplacement age of the volcanics at one stroke (at 745±10 Ma). Apart from the presence of younger Mesozoic-Cenozoic rocks, recent data (Rathore, 1994) show that even the Late Proterozoic (Pan-African) magmatism in this region spanned over 100 million years (from 780 Ma to 670 Ma).

Kochhar's reservation, about the inclusion of Tavidar volcanics within the ambit of Malani rocks is understandable, as these are likely to be related to Deccan activity (Rathore et al. 1996). However, the Diri and Gurhapratap Singh ensembles occur in the same hill ranges which include the Manihari (or Miniari). The rocks of the latter hills have been correlated as Malanis by the classical geologists (La Touchie, 1902). The recent geochronological data also confirm their late Neoproterozoic age (Rathore, unpublished thesis).

I would suggest use of the term Malani Group (a term noncommittal to the rock types) as a distinct lithostratigraphic unit for the ensemble of rocks that occur as an unconformity bounded sequence of dominantly bimodal volcanics with minor interbedded sediments and peralkaline metaaluminous to peraluminous granites. The lower and the upper surfaces of the Malani Group are limited by the Sirohi Group (with ca. 850 Ma closing age) and the Marwar Supergroup (dominantly pre-Palaeozoic in age) respectively. It may be advisable not to consider the Sewaria and Mt Abu "granites" (used in a very loose sense!) as equivalents of Malani Group, because of the strong possibility that the younger ages (ca. 750 Ma) could be the age of isotopic resetting.

References

BASU, A.R., RENNE, P.R., DAS GUPTA, D.K., TEICHMANN, F. and POREDA, R.J. (1993). Early and Late alkali igneous pulses and a High-³He Plume origin for Deccan Flood Basalts. Science, v.261, pp.902-906.

BHUSHAN, S.K. (1985). Malani volcanism in Western Rajasthan. Ind. Jour. Earth Sci., v.12, pp.58-71.

La Touchie, T.H.D. (1902). Geology of western Rajputana. Mem. Geol. Surv. India, v.35, pp.1-116.

Kochhar, N. (1984). Malani Igneous Suite - Hot Spot magmatism and cratonization of the Northern part of the Indian Shield. Jour. Geol. Soc. India, v.25, pp.155-161.

RATHORE, S. S., VENKATESH, T.R. and SRIVASTAVA, R.K. (1996). Rb-Sr and Ar-Ar systematics of Malani Volcanic rocks of southwest Rajasthan: Evidences for younger post-crystallisation thermal event. Proc. Indian Acad. Sci. (Earth Planet. Sci.), v.105, pp.131-141.

RATHORE, S. S., VENKATESH, T.R. and SRIVASTAVA, R.K. (1996). Mundwara Alkali Igneous Complex, Rajasthan, India: Chronology and isotopic systematics. Jour. Geol. Soc. India, v.48, pp.517-528.

Srivastava, R.K. (1988). Magmatism in the Aravalli Mountain Range and its environs. Mem. Geol. Soc. India, No.7, pp.77-94.

Department of Geology Mohanlal Sukhadia University, Udaipur 313003 A.B. Roy

ANNOUNCEMENTS

XV CONVENTION OF INDIAN ASSOCIATION OF SEDIMENTOLOGISTS: November 18-20, 1998, Venue: Department of Geological Sciences, Gauhati University. Last date for abstract submission: 15 July,

Venue: Department of Geological Sciences, Gauhati University. Last date for abstract submission: 15 July, 1998, Notification of accepted abstracts: 30 July, 1998, Registration of Delegates: 18 Nov., 1998, Last date for submission of full paper: 30 Sept., 1998. For details write to: Dr. P.K. Das, Convener, IAS XV Convention, 1998, Department of Geological Sciences, Gauhati University, Guwahati - 781 014, Assam, India. Phone: (Off) (0361) 570220 (Res) 571221; Fax: (0361) 570133.

INTERNATIONAL WORKSHOP ON THE ROLE OF MANTLE-ROOTED STRUCTURAL DISCONTINUITIES IN THE CONCENTRATION OF METALS - A 3-DIMENSIONAL APPROACH: 24-26 August 1998: University of Ballarat, Victoria, Australia; For submission of papers, please contact either Ingrid Campbell at Suite 6,560 Lonsdale Street Melbourne, Victoria, Asutralia 3000. Fax: 61-39-602 3827; Email: whitehorse@baltel.com.au