- trends in Pearce-type ratio variation diagrams a discussion of some statistical arguments. Contrib. Mineral. Petrol., v 97, pp 529-534
- PEARCE, T H (1989) Getting the most from your data Applications of Pearce Element Ratio Analysis In J K Russell, and C R Stanley (Eds.), Theory and application of Pearce Element Ratio to geochemical data analysis. Geol. Assoc. Canada, Vancouver, pp. 99-129
- PRINZHOFFR, A, ALLÉGRF, C J, GWALANI, L G and NICOLAS, A (1988) Magma Chamber in the Deccan Traps (India) EOS, v 69(16), 521p
- ROCK N M S, GWALANI, L G and GRIFTIN, B J (1994) Alkaline rocks and carbonalites of Amba Dongar and Adjacent area, Deccan alkaline province, Gujarat, India Mineral Petrol, v 51, pp 113-136
- ROILINSON, HR and ROBERT, CR (1986) Ratio correlations and major element mobility in altered basalts and komatites Contrib Mineral Petrol, v 93, pp 89-97
- Russell, J K and Nicholls J (1988) Analysis of petrologic hypotheses with Pearce Element Ratios Contrib Mineral Petrol, v 99 pp 25-35
- Russell, J K and Nicholls J (1989) Formulation and testing of scientific hypotheses In J K Russell and C R Stanley (Eds.), Theory and application of Pearce Element Ratio to geochemical data analysis Geol. Assoc. Canada, Vancouver, pp. 1-10.

- Shapiro, L (1975) Rapid analysis of silicate, carbonate and phosphate rocks revised edition U S Geol Surv Bull, No 1401
- SIIAPIRO, L and BRANNOCK, W (1962) Rapid analysis of silicate, carbonate and phosphate rocks U S Geol Surv Bull, No 1144A
- STANLEY C R and RUSSELL, J K (1989) Petrological hypothesis testing with Pearce element ratio diagrams. Delivation of diagram axes. Contrib. Mineral. Petrol., v 103, pp 78-89.
- SUKHESWALA, R N and SETHNA, S F (1964) Differentiated gabbio of Decean trap age and its associates Bull Geol Soc India, No 1, pp 6-9
- Sukheswala, R. N. and Sethna, S. F. (1969) Layered gabbio of the igneous complex of Phenai Mata, Gujarat state. Jour Geol Soc. India, v. 10, pp. 177-187
- Sukheswala, R. N., Avasia, R. K. and Master, D. J. (1971) Dyke cluster of Phenai Mata region, Chhota Udaipui, Gujarat *In* Murty, v.q.v. pp. 608-616
- TRUPIA, S and NICHOLLS, J (1996) Petrology of Recent lava flows, Volcano Mountain, Yukon Territory, Canada Lithos, v 37, pp 61-78
- VILADKAR, S G and AVASIA, R K (1992) Pyroxenes from alkaline rocks of the Chhota Udaipur carbonatites alkaline province Gujarat, India Jour Geol Soc India, v 39, pp 313-319

(Received 3 April 2000, Revised form accepted 29 July 2002)

## ANNOUNCEMENT

## CONTACT PROGRAMME ON PALAEOMAGNETISM

A fifteen day contact Programme sponsored by the Department of Science and Technology (DST) on palaeomagnetism and rock magnetic research will be held at the Centre for Earth Science Studies (CESS), Trivandrum from June 16, 2003 Dr. T Radhakrishna, CESS, Trivandrum and Dr SJ Sangode, Wadia Institute of Himalayan Geology, Dehra Dun are the coordinators of the programme Interested researchers may contact Dr T. Radhakrishna, CESS, Trivandrum - 695 031 (Ph 0471-2442451 to 454 (O), 0471-2723843 (R), Fax 0471-2442280, email tradhal@rediffmail.com)