

selected deposits, geochemical and geophysical surveys. The last article deals with heap leaching of uranium ores. A. C. Saraswat, the present Director of the Atomic Minerals Division, in the first article has provided a review of uranium exploration in India. Substantial reserves (73,000 tonnes of U_3O_8 and 4,05,000 tonnes of ThO_3) are stated to have been established for sustaining a modest nuclear power programme. Detailed description of uranium mineralisations at Bodal of Madhya Pradesh, at Jublatola of Singhbhum district, Bihar, are presented in two other papers. The geochemistry of ultrapotassic syenites from Sikkim Himalaya should prove interesting to students of petrology. There is a useful review paper on carbonatites of India. Three papers covering geophysical aspects and one on geochemical soil survey make up the rest of the volume.

The book represents a well-balanced account of the different exploration techniques adapted for the location of economically important atomic minerals in India.

B. P. RADHAKRISHNA

RECORDS OF THE GEOLOGICAL SURVEY OF INDIA. Vol. 122, Pts. 2 to 8, Govt. of India, 1989.

We welcome the series of eight volumes released by the Geological Survey of India bringing together the extended abstracts of the Reports of Investigations pertaining to the Annual Programme for 1987-88 in respect of the following regions :

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- Pt. 6 -do- Central Region 223 p.
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While the prompt publication of the results of investigations is commendable, the effort has resulted in a sort of progress report useful perhaps to official evaluation of the work of the Survey. Their scientific impact and value, however, are considerably reduced. What is desirable is a summary of the activities of the great organisation, summarized by the Director General, *highlighting the main advances* in our knowledge of the geology and mineral resources of the country as a whole. We do trust such a refinement would be attempted in the subsequent publications in this series.

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