## New Books

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- Green Marine Clays. ODIN, G. S. (Ed.) (1988). Developments in Sedimentology 45, Elsevier. 445 pp. DM 210.
- Isotope Techniques in the Study of the Hydrology of Fractured and Fissured Rocks. (1989).

  International Atomic Energy Agency, Vienna, Austria. 306 pp.
- Sedimentary Cover—North American Craton: US. The Geology of North America. SLOSS, L. L (Ed.) (1988). Geological Society of America. Vol. D-2, 506 pp. \$ 49.50.
- Siliceous Deposits of the Tethys and Pacific Regions. Hein, J. R. and Obrudovic, J. (Eds.) (1989). Springer-Verlag, New York. 244 pp. DM 120.
- Thermal History of Sedimentary Basins: Methods and Case Histories. NASSER, N. D. and McCulloch, T. H. (Eds.) (1988). Springer-Verlag. 320 pp. DM 120.
- The Beginnings of the Age of Dinosaurs—Faunal Changes across the Triassic-Jurassic Boundary.

  PANDIAN, K. (Ed.) (1989). Cambridge University Press, Cambridge. 378 pp. £ 22.50 (paperback).
- Uranium Deposits in Magmatic and Metamorphic Rocks. (1989). International Atomic Energy Agency, Vienna. 490 pp.

# Recent Additions to the Geological Society of India Library

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- Anhydrite Doposits of the United States and Characteristics of Anhydrite Important for Storage of Radioactive Wastes. (1989). USGS Bulletin 1794. 132 pp.
- Cambridge Guide to the Material World. Cotterill, R. (1989). Cambridge University Press. 352 pp.
- Challenging Areas in Earth and Atmospheric Sciences. (1990). Publication of the Department of Science and Technology, New Delhi. 99 pp.
- Comprehensive Bibliography on Mineralised and Unmineralised Mafic and Ultramafic Intrusions in Scandinavia. USGS Open file Report 66-442 A.
- Comprehensive Bibliography on Komatiites. USGS Open file Report 86-434 A.
- Comprehensive Bibliographies on Primary and Supergene Ni-Cu-PGE Mineralization Associated with Komatiite and Mafic Intrusions in Australasia, on Layered Mafic Intrusions in Australasia and on the Dipak Intrusion Antarctica. USGS Open file Report 87-412-A. 51 pp.
- Documentation of the Santonian-Campanian and Austinian-Tayloran Stage Boundaries in Missisippi Alabama Using Calcareous Microfossils. (1989). USGS Bull. 1884. 19 pp.
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- Field Hydrogeology. Brassington, R. (1988). Geol. Soc. London, Hand book. 174 pp.

- Geology of Petroleum and Coal Deposits in the North China Basin, Eastern China. (1989).

  USGS Bulletin 1871. 36 pp.
- Geochemical Survey of the Cordova and Middleton Island, South Central Alaska. (1989). USGS Bulletin 1865. pp. 1-32.
- Geology and Petrology of the Lower Tertiary Plateau Basalts of the Scores by Sunel Region East Greenland. Larsen, L. M. and Others (1989). Greenland Geological Survey Bulletin 157. 164 pp.
- Geologic Evolution of Trail Ridge Eolian Heavy Mineral Sand and Underlying Peat, Northern Florida. (1989). USGS Prof. Paper 1499. 16 pp.
- Hydrogeological Map of India. (Second Edn. 1989). Scale 1:5,000,000 Central Groundwater Board, New Delhi.
- Investigations of the Characteristics, Origin and Residence Time of the Upland Residual Mantle of the Piedmont of Fairfax County, Virginia. (1989). USGS Prof. Paper 1352. 58 pp.
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- Isotopic Age Map of Peninsular India. (1989). (Scale 1: 5,000,000) Geological Survey of India.
- Mafic Inclusions, Aggregates, and Dikes in Granitoid Rocks, Central Sierra Nevada Batholith, California—Analytic Data. (1989), USGS Bulletin 1899. 28 pp.
- Methods for Determination of Inorganic Substances in Water and Fluvial Sediments. (1989).

  Techniques of Water Resources Investigation of the US Geological Survey, Book 3, Chapter A1. 545 pp.
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- National Water Policy. (1987). Ministry of Water Resources, Govt. of India. 15 pp.
- North Greenland Stratigraphy and Petroleum Geology. (1989). Geological Survey of Greenland. Report No. 143. 71 pp.
- Physical Principles of Sedimentology. (1989). A Readable Text Book for Beginners. Springer-Verlag, New York. 233 pp. \$ 27.00
- Petrophysics. KOBRANOVA, V. N. Mir Publishers, Moscow, Springer-Verlag. 375 pp. DM 98.
- Petroleum Geology of North Greenland. (1989). Greenland Geol. Surv. Bulletin 158. 92 pp.
- Paleozoic Fossils and Stratigraphy from North Greenland. (1989). Geol. Surv. Greenland Report No. 144. 52 pp.
- Principles of Igneous and Metamorphic Petrology. Philpotts, A. R. (1990). Prentice Hall. 498 pp.
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- Scientific Highlights of the Geophysical Laboratory 1905-1989. Annual Report of the Director, Geophysical Laboratory, Washington. pp. 144-197.
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  Indian Space Research Organisation, Bangalore. 11 pp.

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- The Field Description of Metamorphic Rocks. FRY, N. (1985). Geol. Soc. London, Handbooks. 110 pp.
- The Field Guide to Water Wells and Boreholes. CLARK, L. (1988). Geol. Soc. London, Hand-books. 155 pp.

# Interesting Papers in other Journals

#### Contribution to Mineralogy and Petrology

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LIGHTFOOT, P. C. and OTHERS Geochemistry of the Siberian Trap of the Norilsk area, USSR, with implications for the relative contributions of crust and mantle to flood basalt magmatism, pp. 631-644.

## **Episodes**

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