MAPS AVAILABLE

(Bibliographic guide prepared courtesy of Dr. J. Gravesteijn with the assistance of the BRGM and the IUGS Commission on Geological Documentation. Map scales and order addresses given where known. The EPISODES Secretariat is not able to provide further information about or to handle orders for maps.)

ARABIAN GULF REGION

Selected General Literature

(See also Episodes, 1982/1, p. 40, Maps Available, Saudi Arabia)

Arabian Gulf, Geology and Productivity. A.E. Morris. American Association of Petroleum Geologists, Foreign Reprint Series, no. 2, 1978, 266p. A.A.P.G. Bookstore, P.O. Box 979, Tulsa, Oklahoma, 74101, U.S.A.

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Tectonics of the Persian Gulf, Gulf of Oman and Southern Pakistan Region. K.A. De Jong. In: A.E.M. Nairn and F.G. Stehli (eds.), The Ocean Basins and Margins. Plenum Press, New York, 1982, p. 315-351.

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Geology of the Arabian Peninsula: Bahrain. R.P. Willis. U.S. Geological Survey Professional Paper 560-E, 1967, 4p. Order Address 1.

Geology, Geomorphology and Pedology of Bahrain. J.C. Doornkamp, D. Brunson and D.K.C. Jones (eds.). Geo Abstracts, Norwich, 1980, 443p. With the following maps (Scale 1:50000):

- Geology
- Geomorphology and superficial materials
- Soils (provisional)
- Land capability for agriculture (provisional)
- Drainage
- Hawar Islands - Geomorphology and superficial materials (provisional)

Geo Abstracts Ltd., University of East Anglia, Norwich NR4 7TJ, U.K.

Interpretation of Landsat Images, Bahrain (preliminary report). M.J. Grolier. U.S. Geological Survey, Open-File Report 77-298, 2p. Order address 2.

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Geological Map of Kuwait - 1:250000. Hunting Geology and Geophysics Ltd., 1981. Kuwait Oil Company, Ahmadi 22, Kuwait.

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Synoptic Geologic Map of the State of Kuwait - 1:250000. H.F. Holzer, T.E. Gittinger and W. Fuchs. Geological Survey of Austria, Vienna, 1968. With Explanatory text of 87p. Geologische Bundesanstalt, Rasumofskygasse 23, A-1030 Wien, Austria.

QATAR

Geologic Maps of the Western Persian Gulf Quadrangle, Kingdom of Saudi Arabia - 1:500000. M. Steineke and others. U.S. Geological Survey, 1958. (Miscellaneous Geologic Investigations, Map I-208A). Reprinted as Geologic Map, GM-208A. Includes Western part of Qatar Peninsula. Order address 3.

Figure 1: Index to Oman Ophiolite Project maps - 1:100000.

Geologic Map of the Central Persian Gulf Quadrangle, Kingdom of Saudi Arabia - 1:500000. K.A. Bramkamp and L.F. Ramirez. U.S. Geological Survey, 1961. (Miscellaneous Geologic Investigations, Map I-209A). Out of print. Includes eastern part of Qatar Peninsula.

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OMAN

(formerly Muscat and Oman)

General Literature

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Geologic Map of the Eastern Rub Al Khali Quadrangle, Kingdom of Saudi Arabia - 1:500000. E.L. Elberg, Jr. et al. U.S. Geological Survey, 1963. (Miscellaneous Geologic Investigations, Map I-215A). Area 1 on Fig. 2. Order address 1.

Geological Map of the Oman Mountains - 1:500000. 2 sheets. In: Geology of the Oman Mountains, K.W. Glennie et al. Verhandelingen van het Koninklijk Nederlands Geologisch Mijnbouwkundig Genootschap, v. 31, 1974, 423p. Area 2 on Fig. 2. Royal Geological and Mining Society of the Netherlands, P.O. Box 157, 2000 Ad Haarlem, The Netherlands.

Geological Map of Musandam Peninsula - 1:100000. J. Biehler, C. Chevalier and R. Ricateau. Muscat, Sultanate of Oman, Directorate General of Petroleum and Minerals, 1975 (Geological Map 1). Area 3 on Fig. 2. Editions du B.R.G.M., B.P. 6009, 45060 Orléans-Cedex, France.

Geologic Map of Muscat-Ibra Area - 1:100000. E.H. Bailey. Coloured map enclosed. In: Journal of Geophysical Research, v. 86, no. B-4, 1981. Area 4 on Fig. 2.

Oman Geological Ophiolite Project Maps - 1:100000. Department of Minerals, Muscat, and the Open University (U.K.). Map areas shown on Fig. 1.

- Map 1 - The Sumeini-Shinas Area, 1979
- Map 2 - Wadi Jizi, 1980
- Map 3 - The Wadi Ahin-Yanqul Area, 1981
- Maps 4/5 - Wadi Hawasina-Rustaq, 1982.

Open University Oman Ophiolite Project Memoir Maps - 1:250000. 1983.

- Northern Oman Geology
 - Simple Bouguer Anomaly Map
- Department of Earth Sciences, The Open University, Walton Hall, Milton Keynes, Bucks, MK7 6AA, England; or Department of Minerals, P.O. Box 551, Muscat, Sultanate of Oman.

UNITED ARAB EMIRATES

(Former names: Trucial Oman, Trucial States, Pirate Coast)

General Literature and Maps

Interpretation of Landsat Images, United Arab Emirates (preliminary report). M.J. Grolier. U.S. Geological Survey Open-File Report, 77-297, 3p. Order address 2.

Geology and Mineral Resources of the Trucial Oman Range: A reconnaissance Survey of Part of the Trucial States. J.E.G.W. Greenwood and P.E. Loney. London: Institute of Geological Sciences, Overseas Division, 1968. 108p. (Out of print). Includes:

- Photogeological Map of the Trucial Oman Range, incorporating data from reconnaissance field survey. 1:100000. 1969, 2 sheets (D.O.S. Geol., 1168 A&B).
- Geochemical and Mineral Location Map of Trucial Oman Range - 1:100000. 1969, 2 sheets (D.O.S. Geol., 1169 A&B). Area 5 on Fig. 2.

Geological Map, Jebel Hagab area, Rus Al Jibal, Trucial Oman - 1:130000. Plate in: The Musandam Limestone (Jurassic to Lower Cretaceous) of Oman, Arabia, by R.G.S. Hudson and M. Chatton. Museum National d'Histoire Naturelle de Paris. Notes et Mémoires sur le Moyen-Orient, Pt. VII, 1959, p. 69-93. Area 6 on Fig. 2.

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General Literature and Maps

Contribution à la géologie du Yémen. F. Geukens. Mémoires de l'Institut Géologique de l'Université de Louvain, Pt. XXI, 1960, p. 117-180. With map: Carte Géologique, 1:1000000 (Bibliothèque des Sciences Exactes, Université Catholique de Louvain, Place des Sciences, 3, B-1348 Louvain-La-Neuve, Belgique). Translated into English and published as: Geology of the Arabian Peninsula, Yemen. U.S. Geological Survey Professional Paper 560-B, 1966, 23p., out of print.

Maps Available ...

Figure 2: Index to miscellaneous maps of part of United Arab Emirates and Oman.

Geology of the Arabian Peninsula, Eastern Aden Protectorate and part of Dhufar. Z.R. Beydoun, U.S. Geological Survey Professional Paper 560-H, 1966, 49p.

Geology of the Arabian Peninsula, Aden Protectorate. J.E.G.W. Greenwood and D. Bleackley. U.S. Geological Survey Professional Paper 560-C, 1967, 96p. Includes: Map Showing Major Structures of the Gulf of Aden Region, 1:4 000 000 (approx.).

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Photogeological Map of Western Aden Protectorate, incorporating data from reconnaissance field traverses. 1:250 000 (approx.). J.E.G.W. Greenwood. Directorate of Overseas Surveys, London, 1967. 2 Sheets (D.O.S. (Geol.) 1159 A&B). Stanfords, International Map Center, 12-14 Long Acre, Covent Garden, London WC2E 9LP, U.K.

The Stratigraphy and Structure of the Eastern Aden Protectorate. Z.R. Beydoun. Overseas Geology and Mineral Resources, Supplement Series, Bulletin No. 5, 1964, 197p. Includes following maps:

Map 1: Geological Map of Eastern Aden Protectorate. 1:1 000 000

Map 2: Geological Map of South West Hadramut, Eastern Aden Protectorate. 1:500 000

Map 3: Geological Map of South Mahra, Eastern Aden Protectorate. 1:500 000

Synopsis of the Geology of East Aden Protectorate. Z.R. Beydoun. International Geological Congress, Report of the 21st Session, Norden, 1960, Pt. XXI, p. 131-149.

Order Addresses

1. Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202, U.S.A.
2. Open-File Services Section, Branch of Distribution, U.S. Geological Survey, Box 25425, Federal Center, Denver, CO 80225, U.S.A.
3. The Deputy Ministry of Mineral Resources, Director of Technical Affairs, P.O. Box 345, Jeddah, Saudi Arabia.
4. Librairie des Editions du C.N.R.S., 15 Quai Anatole-France, 75700 Paris, France).

YEMEN, (SOUTH)

(formerly South Arabia, Aden Protectorate, Southern Yemen and Hadramaut).

General Literature and Maps

Geologic Map of the Western Rub Al Khali Quadrangle, Kingdom of Saudi Arabia - 1:500 000. R.A. Bramkamp et al. U.S. Geological Survey, 1963 (Miscellaneous Geologic Investigations, Map I-218A). Order address 3.

Geologic Map of the South Central Rub Al Khali Quadrangle, Kingdom of Saudi Arabia - 1:500 000. L.F. Ramirez et al. U.S. Geological Survey, 1963 (Miscellaneous Geologic Investigations, Map I-219A). Order address 3.

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Each of the above three maps includes a part of the Yemen territory.

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Water Resources of the Yemen Arab Republic - Hydrogeology. S. Shindou and Y. Tagutschi. In: Sci. Rep., Inst. Geosci. Univ. Tsukuba, Section B, Geol. Sci., v. 2, 1981, p. 77-100 (Institute of Geoscience, University of Tsukuba, Sakura-mura, Niihari-gun, Ibaraki, 305 Japan).

Systematic Mapping

Geological Map of the Yemen Arab Republic - 1:250 000. Federal Institute of Geosciences and Natural Resources, Hannover. Sheets published (see Fig. 3): Sa'dah, 1979; Al Hazm, 1980. To be published: Sana'a.

(For information on availability contact: Yemen Minerals and Petroleum Authority, Sana'a)

Figure 3: Index to 1:250 000 maps of North Yemen. Diagonal lines indicate maps already published.

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