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SINAI PENINSULA

SINAI DEVELOPMENT STUDY

PHASE I

PERFORMED FOR THE ADVISORY COMMITTEE FOR RECONSTRUCTION OF THE MINISTRY OF DEVELOPMENT

BY DAMES & MOORE

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BIBLIOGRAPHY ON

NUCLEAR MATERIALS AND GEOTHERMAL ENERGY,

SINAI PENINSULA

NUCLEAR MATERIALS CORPORATION,

CAIRO

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A

1. ABDEL HALIM, A., HASHAD, A. H., and El KIKI, M. F. (1959):

Report on the Radioactive Exploration Work and the Radiogeology of West Central Sinai. Internal Report, Geology and Nuclear Raw Materials Department, A. E. E., Cairo.

2. ALFAR, D. M. (1964):

The Black Sands of Northern Sinai, With An Appendix of Some New Findings in Sinai. Bull. Inst. Egypte, Cairo, Vol. 46, pp. 1-27.

3. ALI, M. M. (1968):

Distribution of Trace Elements in Egyptian Granites. M.Sc. Thesis, Faculty of Science, Cairo University, Cairo.

4. ALLAN, T. D., CHARNOCK, H., and MORELLI, C. (1964):

Magnetic, Gravity and Depth Surveys in the Mediterranean and Red Sea. Nature, Vol. 204, pp. 1245.

5. ALMAGOR, G. (1975):

The Continental Shelf and Slope of Israel and Northern Sinai. Ofakim B'geographia, Amiasaf Hochman Anthology, Geog. Dept., Haifa University, pp. 87-94 (in Hebrew).

6. ALMAGOR, G. (1977a):

Continuous Seismic Profiling (Shallow Penetration) Off Al-Tur-Ras Kanisa Coasts. Geological Survey of Israel, Report No. MG/10/77, 7 p.

7. ALMAGOR, G. (1977b):

Continuous Seismic Profiling (Shallow Penetration at Alma-1 Drilling Site. Geological Survey of Israel, Report No. MG/12/77, 2 p.

8. ALMAGOR, G. (1977c):

Continuous Seismic Profiling (Shallow Penetration) Survey in the Area of Alma-2 Drilling Location. Geological Survey of Israel, Report No. MG/14/77, 2 p.

9. AMIEL, A. J., and MILER, D. S. (1972):
Uranium Distribution in Carbonate Sediments of a Hypersaline Pool, Gulf of Elat, Red Sea. Israel Journal of Earth Sciences, Vol. 21, Nos. 3-4, p. 187.

10. AMIEL, A. J., MILER, D. S., and FRIEDMAN, G. M. (1971):
The Geochemistry of Uranium in Aragonitic Sediments from a Hypersaline Lake, Red Sea. Am. Geophy. Union Trans., Vol. 52, No. 4, p. 361.

11. AMIEL, A. J., MILER, D. S., and FRIEDMAN, G. M. (1972):
Uranium Distribution in Carbonate Sediments of a Hypersaline Pool, Gulf of Elat, Red Sea. Israel Journal of Earth Sciences, Vol. 21, pp. 187-191.

12. ANDREW, G. (1937):
The Late Tertiary Igneous Rocks of Egypt (Field Relation). Bulletin of the Faculty of Science, Cairo University, No. 10, 61 p.

13. ANONYMOUS. (1872):

Le Solfatare del Mar Rosso. Boll. R. Com. Ged. d'Italia, Firense, Vol. 3, Nos. 11-12, pp. 367-369.

14. ANONYMOUS. (1963):

Report on Investigation of Water and Soil Resources in North and Central Sinai Peninsula. EGDDO, Unpublished Report, Geofisika, Cairo.

15. ANONYMOUS. (1964):

Northern Egypt Geological Map, Scale 1:500,000. Compiled by Standard Oil Company of Egypt, Cairo, Serial No. Geo-4/42.

16. ANONYMOUS. (1971):

Geological Map of Egypt, Scale 1:2,000,000. Geological Survey of Mineral Projects Authority, Cairo.

17. ANWAR, Y. M., and ABDEL REHIM, A. M. (1970):
Extraction of Thorium from Egyptian Monazite Under Pressure. Bulletin of the Faculty of Science, Alexandria University, Vol. 10, pp. 151-171.

18. ATTIA, M. I. (1954):
Groundwater in Egypt. Bull. Inst. Desert Egypte, Cairo, Vol. 4, pp. 198.

19. AVNIMELECH, M. A. (1965):
Bibliography of Levant Geology (Including Cyprus, Hatay, Israel, Jordan, Lebanon, Sinai, and Syria). Jerusalem, 192 p.

20. AWAD, H. (1952):
Presentation d'une Carte Morphologique du Sinai. Bull. Inst. Desert Egypte, Vol. 2, No. 1, pp. 132-138.

21. AZADIAN, A. (1929a):
Note sur les Eaux de Ayun Hammam Moussa. Bull. Inst. Egypte, Vol. 10, pp. 11-17.

22. AZADIAN, A. (1929b):

Note sur la Fontaine de Moise. Bull. Soc. R. Geogr., Le Caire, Vol. 17, Fasc. 1, pp. 13-17.

23. AZADIAN, A. (1930):

Les Eaux d'Egypte: Notes et Rapports des Laboratoires de l'Hygiene Publique. Egypte, Min. Int., Le Caire.

B

24. BACKER, H., and SCHOELL, M. (1972):
New Deeps with Brines and Metalliferous Sediments in the Red Sea. Nature, Vol. 240, pp. 153-158.

25. BALL, J. (1909a):
On the Origin of the Nile Valley and the Gulf of Suez. Cairo Scientific Journal, Vol. III, No. 37.

26. BALL, J. (1909b):
Desert Water Supplies. Cairo Scientific Journal, Vol. III, No. 37.

27. BALL, J. (1916):
The Geography and Geology of West Central Sinai. Survey Department of Egypt, Cairo, 219 p.

28. BALL, J. (1939):
Contributions to the Geography of Egypt. Survey Department of Egypt, Cairo, 308 p.

29. BALL, J. (1942):

Egypt in Classical Geography. Government Press, Cairo.

30. BAR, M. (1973):

Dating of Fractures and Faults in the Sinai and Elat Area by Fission Tracks on Epidotes. M.Sc. Thesis, Hebrew University, Jerusalem, 32 p. (in Hebrew).

31. BARRON, T. (1907):

The Topography and Geology of the Peninsula of Sinai (Western Portion). Survey Department of Egypt, Cairo, 241 p.

32. BARTOV, Y. (1971):

Horizontal Fault Movements Across Central Sinai. Israel Geological Society, Annual Meeting, Northern Sinai, Abstracts, pp. 5-8 (in Hebrew).

33. BARTOV, Y. (1974a):
A Structural and Paleogeographical Study of the Central Sinai Faults and Domes. Ph.D. Thesis, Hebrew University, Jerusalem, 143 p. (in Hebrew).

34. BARTOV, Y. (1974b):
Transversal Faults of the Central Sinai - Negev Fault Zone. Abstracts of Papers Presented at the 1972/73 Seminar of the Geological Survey of Israel, Edited by D. Gill, pp. 11-13.

35. BARTOV, Y. (1976):
Gebel Areif En-Naqa - Site of Folding and Faulting in Sinai. Teva Valaretz, Vol. 18, No. 3, pp. 133-136 (in Hebrew).

36. BARTOV, Y., and ARKIN, Y. (1975):
The Geological Photomap of Israel, 1:500,000 (East Sinai). Geological Survey of Israel.

37. BARTOV, Y., and EYAL, M., Editors (1978): Geological Photomap of Sinai. Geological Survey of Israel, Jerusalem.

38. BARTOV, Y., AND STEINITZ, G. (1977): Senonian Tectonics of the Sinai and Negev as Reflected in the Sayyarim Formation and Equivalent Units. Israel Geological Society, Annual Meeting, Zikhron Yaaqov, Abstracts, pp. 40-41.

39. BARTOV, Y., and STEINITZ, G. (1978): Horizontal Movements Along Faults in Eastern Sinai. Geological Survey of Israel, Report No. MM/2/78, Preliminary Summary, 5 p. (in Hebrew).

40. BARTOV, Y., RECHES, Z., and SCOFIELD, D. (1976): The Fracture Pattern in Southern Israel and Sinai Peninsula in Sedimentary and Basement Areas. Abstract, in: Proceedings of the First International Conference on the New Basement Tectonics, Edited by R. A. Hodgson, p. 343.

41. BARTOV, Y., LEWY, Z., STEINITZ, G., and ZAK, I. (1978):
The Tectonic Development of Gebel Araif En-Naqa - An Area Affected by Faulting and Folding. Israel Geological Society, Annual Meeting, Zikhron Yaaqov, Abstracts, p. 4.

42. BEADNELL, H. J. L. (1921):
The Wilderness of Sinai: A Record of Two Years Recent Exploration. London.

43. BEADNELL, H. J. L. (1926):
Central Sinai. Geographic Journal, London.

44. BEIN, A., and ISSAR, A. (1967):
Research Proposal to Study the Possibilities of Developing the Nubian Sandstone Aquifer in the Negev and Sinai. Geological Survey of Israel, 10 p. (in Hebrew).

45. BEIN-AVRAHAM, Z., and ALMAGOR, G. (1977):
The Bathymetry and Structure of the Gulf of Elat - Preliminary Results. Israel Geological Society, Annual Meeting, Zikhron Yaaqov, Abstracts, p. 49 (in Hebrew).

46. BEIN-AVRAHAM, Z., ALMAGOR, G., and GARFUNKEL, Z. (1978):

Sediments and Structure of the Gulf of Elat. Tenth International Congress on Sedimentology, Jerusalem, July 1978, Abstracts, Vol. 1, p. 67.

47. BENTOR, Y. K., BOGOCH, R., EYAL, M., and SHIMRON, A. (1975):

Geological Map of Sinai, Gebel Sabbagh Sheet, 1:100,000. Israel Nat. Acad. Sci. Humanities.

48. BEYTH, M. (1978):

Geological Map - Um Bogma Region. Geological Survey of Israel, Report No. MP/575/78, 18 p. (in Hebrew).

49. BIRCH, F. S., and HALUNEN, A. J. (1966):

Heat Flow Measurements in the Atlartic Ocean, Indian Ocean, Mediterranean Sea and Red Sea. J. Geophys. Research, Vol. 71, pp. 583-586.

50. BISCHOFF, J. I. (1969a):
Red Sea Geothermal Brine Deposits, Their Mineralogy, Chemistry and Genesis. In: Hot Brines and Recent Heavy Metal Deposits, Edited by E. T. Degens and D. A. Ross, Springer-Verlag, New York, pp. 368-401.

51. BLANCKENHORN, M. (1914):
Handbuch der Regionalen Geologie. Bd. V: Syrien, Arabien und Mesopotamine. Heidelberg.

52. BLANCKENHORN, M. (1921):
Handbuch der Regionalen Geologie, Bd. VII. Abt. 9, Heft 23, Aegypten, Carl Winters Universitatsbuch-Hundlung, Heidelberg, 244 p.

53. BOEHM, S., GILL, D., and FRENKEL, Y. (1974):
Geochemical Exploration of Sinai and Southern Israel, Automated Data Processing of Wadi Sediment Samples. Geological Survey of Israel, Report No. GDPU/7/74, 25 p.

54. BOGOCH, R., ZILBERGARB, A., and FOLKMAN, Y. (1974):

An Evaluation of Aeromagnetic Anomalies in the Precambrian Terrain of Sinai and Southern Israel. Geological Survey of Israel, Report No. MP/547/73, 15 p.

55. BOULOS, F. K., MORGAN, P., HENNIN, S. F., EL SAYED, A. A., and MELIK, Y. S. (1979):

The Tectonic Structure of Northeast Africa from Gravity Data. 5th Conference on African Geology, Cairo, Abstracts, p. 40.

56. BRENNER, I. B., and GVIRTZMAN, G. (1973):

The Geochemistry of the Neogene Volcanism in Israel, Sinai and Egypt; Its Stratigraphic and Tectonic Significance. Israel Geological Society, Annual Meeting, Jerusalem, Abstracts, pp. 24-25.

C

57. CHERIF, O. H. (1975):

Remarks on the Tectonic Evolution of the Gulf of Suez Sedimentary Basin During the Upper Paleozoic. Ninth Arab Petroleum Congress, Dubai, Paper No. 108(B-3).

D

58. DAGGETT, P. H., MORGAN, P., BOULOS, F. K., HENNIN, S. F., EL SHERIF, A. A., and MELIK, Y. S. (1979): Microearthquake Studies of the Northeastern Margin of the African Plate. 5th Conference on African Geology, Cairo, Abstracts, p. 99.

59. DEGENS, E. T., and ROSS, D. A., Editors (1969): Hot Brines and Recent Heavy Metal Deposits in the Red Sea. Springer-Verlag, Berlin - New York, 600 p.

60. DIAB, M. (1969): Hydrogeological Studies of Some Springs Along the Northern Parts of the Gulf of Suez. M.Sc. Thesis, Faculty of Science, Ein Shams University. Cairo.

61. DRAKE, C. I., and GIRDLER, R. W. (1964): A Geophysical Study of the Red Sea. Geophysical Journal, Vol. 8, No. 5, pp. 473-495.

E

62. ECKSTEIN, Y. (1970a):
Groundwater of Southern and Central Sinai. Israel Geological Society, Annual Meeting, Central and Southern Sinai, Abstracts, pp. 45-46 (in Hebrew).

63. ECKSTEIN, Y. (1970b):
Physiochemical Limnology and Geology of a Meromictic Pond on the Red Sea Shore (Sinai). Limnol. Oceanogr., Vol. 15, No. 3, pp. 363-372.

64. ECKSTEIN, Y. (1975):
Chemical Gethermometry of Groundwaters Associated with the Igneous Complex of Southern Sinai. Reprint Submitted to 2nd UN Symp. Develop. Use of Geothermal Resour., San Francisco, 15 p.

65. ECKSTEIN, Y., GILL, D., and SLEPYAN, I. (1973):
Processed Geochemical Data of Groundwater Resources in Southern Sinai. Geological Survey of Israel, Report No. GDPU/5/73, 4 p.

66. EGYPTIAN GEOLOGICAL SURVEY AND MINING AUTHORITY (1979):

Mineral Map of Egypt. (Explanatory Notes and Lists). Egyptian Geological Survey and Mining Authority, Cairo, 44 p.

67. EL ALFY, E. M. (1946):

Mineral Resources of Egypt. Trans. Min. Petroleum Assoc. Egypt, Cairo, Vol. 1, No. 3, pp. 9-32.

68. EL GABALY, M. M. (1954):

The Soils, Water Supply, and Agriculture in North Eastern Sinai. The Desert Institute Bulletin, Vol. 4, No. 1, pp. 125-153.

69. EL HINNAWI, E. E. (1964):

Petrochemical Characters of African Volcanic Rocks. Neues Jahrb. Mineralogie Monatsh., No. 3, pp. 65-81.

70. EL KASSAS, I. A. (1967):
Geologic and Radiometric Prospection for Radioactive Raw Materials in West Central Sinai. Internal Report, Geology and Nuclear Raw Materials Department, A. E.E., Cairo.

71. EL RAMLY, I. M. (1966):
Springs in U.A.R., Their Genetic Classification and Economic Significance. The Fourth Annual Meeting of the Geological Society of Egypt, Cairo, Abstracts, p. 29.

72. EL RAMLY, I. M. (1967).
Geology and Groundwater Conditions in the Ras Naqb Area, Sinai. The Fifth Annual Meeting of the Geological Society of Egypt, Cairo, Abstracts, p. 18.

73. EL RAMLY, I. M. (1969):
Recent Review of Investigations on the Thermal and Mineral Springs in the U.A.R. XXIII International Geological Congress, Vol. 1[illegible], pp. 201-213.

74. EL SHAZLY, E. M. (1957a):
Classification of Egyptian Mineral Deposits. Egyptian Journal of Geology, Vol. 1, No. 1, pp. 1-20.

75. EL SHAZLY, E. M. (1957b):
Review of Egyptian Geology, Part II. Supreme Science Council, Cairo, 91 p.

76. EL SHAZLY, E. M. (1959):
Notes on the Mining Map of Egypt. 20th International Geological Congress, Mexico, 1956, Association of African Geological Surveys, pp. 423-437.

77. EL SHAZLY, E. M. (1960):
Mining in Sinai Peninsula. In: Sinai Encyclopedia, The Supreme Science Council, Cairo, pp. 247-298 (in Arabic).

78. EL SHAZLY, E. M. (1964):
On the Metallogenic Map of Egypt. XXII International Geological Congress, India, Proc. Section 5, pp. 418-425.

79. EL SHAZLY, E. M. (1966a):
Structural Development of Egypt, U.A.R. The Geologica' Society of I vpt, Fourth Annual Meeti ' Abstracts, pp. 31-38.

80. EL SHAZ. M. (1966b):
Thorium Reserves and Their Utilization in the U.A.R. Panel on Thorium Utilization in Power Reactors, I.A.E.A., Vienna.

81. EL SHAZLY, E. M. (1970a):
Evolution of Granitic Rocks in Relation to Major Tectonics. The West Commemoration Volume, University of Sagar, India, pp. 569-581.

82. EL SHAZLY, E. M. (1970b):
Radiometric Methods in Mineral Prospecting, U.A.R. Experience and Its Wider Applications. International Symposium on the Peaceful Uses of Atomic Energy in Africa, I.A.E.A., Vienna.

83. EL SHAZLY, E. M. (1977):
The Geology of the Egyptian Region. Chapter 8 in "The Ocean Basins and Margins", Vol. 4-A, Edited by A. E. M. Nairn, W. H. Kanes, and F. G. Stehli, Plenum Publishing Corp., pp. 379-444.

84. EL SHAZLY, E. M. (1979):
Uranium Potential of Africa and the Energy Crisis. Abstract, Fifth Conference on African Geology, Cairo, Egypt, 6-15 October 1979, p.1.

85. EL SHAZLY, E. M., and ABDALLAH, A. M. (1966):
Shear Faulting Along the Gulf of Suez and its Implications. The Fourth Annual Meeting of the Geological Society of Egypt, Cairo, Abstracts, pp. 38-39.

86. EL SHAZLY, E. M., and ABU EL SAAD, M. (1976a):
Cummulative Index of the Papers Published in the Egyptian Journal of Geology, Volumes 1-19, 1958-1975. Egyptian Journal of Geology, Vol. 20, No. 1, pp. 1-37.

87. EL SHAZLY, E. M., and ABU EL SAAD, M. (1976b):
Cummulative Index of the Abstracts Presented at the Meetings of the Geological Society of Egypt, 1955-1976. Egyptian Journal of Geology, Vol. 20, No. 1, pp. 39-97.

88. EL SHAZLY, E. M., EL SOKKARY, A. A., and EL KASSAS, I. A. (1980):
Nuclear Materials in Sinai Peninsula. Abstract, Scientific and Applied Symposium on Mineral, Petroleum, and Groundwater Resources in Sinai Peninsula, Arab Mining and Petroleum Association, Cairo (in Arabic).

89. EL SHAZLY, E. M., HUSSEIN, H. A., MESHREF, W. M., and ASSAF, H. S. (1970):
Exploration for Radioactive Occurrences in Egypt, U.A.R. International Symposium on the Peaceful Uses of Atomic Energy in Africa, I. A. E. A., Vienna.

90. EL SHAZLY, E. M., ABDEL HADY, M. A., EL GHAWABY, M. A., EL KASSAS, I. A., and EL SHAZLY, M. M. (1974): Geology of Sinai Peninsula from ERTS-1 Satellite Images. The Remote Sensing Research Project, Academy of Scientific Research and Technology, Cairo, 20 p.

91. EL SHAZLY, E. M., ABDEL HADY, M. A., SALMAN, A. B., MORSY, M. A., EL RAKAIBY, M. L., EL AASSY, I. E., KAMEL, A. F., MESHREF, W. M., AMMAR, A. A., and MELEIK, M. L. (1975): Geological and Geophysical Investigations of the Suez Canal Zone, Egypt. The Remote Sensing Research Project, Academy of Scientific Research and Technology, Cairo.

92. EL SHAZLY, E. M., ABDEL HADY, M. A., ABDEL HAFEZ, M. A., SALMAN, A. B., MORSY, M. A., EL RAKAIBY, M. A., EL AASSY, I. E., and KAMEL, A. F. (1977): Interpertation of Multispectral and Infrared Thermal Surveys of the Suez Canal Zone, Egypt. Proceedings of the Eleventh International Symposium on Remote Sensing of Environment, Ann Arbor, Michigan, 11 p.

93. EL SHAZLY, E. M., MESHREF, W. M., AMMAR, A. A., EL GHAWABY, M. A., EL KASSAS, I. A., and EL RAKAIBY, M. M. (1977):

New Development in the Techniques of Uranium Exploration in Egypt: Case Histories for Exploration Under Arid Conditions. Proceedings of the International Conference on Nuclear Power and Its Fuel Cycle, Salzburg, 2-13 May 1977, IAEA-CN-36/48, pp. 301-314.

94. EL SHAZLY, E. M., ABDEL HADY, M. A., EL GHAWABY, M. A., EL KASSAS, I. A., EL SHAZLY, M. M., SALMAN, A. B., and EL RAKAIBY, M. M. (1979):

Mapping of Sinai Peninsula by Landsat-1 Satellite Imagery Interpretation. Thirteenth International Symposium on Remote Sensing of Environement, Ann Arbor, Michigan, pp. 1853-1860.

95. EL SHAZLY, E. M., ABDEL HADY, M. A., EL GHAWABY, M. A., SALMAN, A. B., EL KASSAS, I. A., KHAWASIK, S. M., EL AMIN, H., EL RAKAIBY, N. M., EL AASSY, I. E., ABDEL MEGID, A. A., and MANSOUR, S. I. (1980):

Drainage Map, Structural Lineaments Map and Geological Map of Egypt, Scale 1:1,000,000 Based on Landsat Satellite Imagery Interpretation and Field Investigations. Remote Sensing Center, Academy of Scientific Research and Technology, Cairo.

96. EL SOKKARY, A. A. (1964):
Geologic and Mineralogic Studies of Some Radioactive Deposits in West Central Sinai. M.Sc. Thesis, Faculty of Science, University of Alexandria, Alexandria, 132 p. (in Arabic).

97. EL SOKKARY, A. A. (1970):
Geochemical Studies of Some Granites from Egypt, U.A.R. Ph.D. Thesis, Faculty of Science, University of Alexandria, Alexandria.

98. EL ZOGHBY, M. E. (1953):
The Mineral Resources of Egypt. Trans. Petroleum Assoc. Egypt, Cairo, Vol. 18, N pp. 137-158.

99. ERICKSON, A. J., and SIMMONS, G. (1969):
Thermal Measurements in the Red Sea Hot Brine Pools. In: Degens, E. T., and Ross, D. A. Editors, Hot Brines and Recent Heavy Metal Deposits in the Red Sea. Springer-Verlag, New York, pp. 114-121.

F

100. FAIRHEAD, J. D., and GIRDLER, R. W. (1970):
The Seismicity of the Red Sea, Gulf of Aden and Afar Triangle. Phil. Trans. Royal Society of London, Ser. A, No. 267, pp. 49-74.

101. FALCON, N. L., GASS, I. G., GIRDLER, R. W., and LAUGHTON, A. S., Organizers (1970):
A Discussion on the Structure and Evolution of the Red Sea and the Nature of the Red Sea, Gulf of Aden and Ethiopia Rift Junction. Phil. Trans. Royal Society of London, Ser. A, Vol. 267, No. 1181, pp. 1-417.

102. FARAH, M. Y. (1968):
Contribution to the Developmental Research on Nuclear Materials in U.A.R. Bull. Inst. d'Egypte, Vol. 48/49, pp. 87-107.

103. FARIS, M. I., EL ETR, H. A., and MENEISY, M. Y. (1969):
Abstracts of Theses in Geology (1954-1967). Department of Geology, Faculty of Science, Ein Shams University, Cairo, 26 p.

104. FOURTAU, R. (1898):
La Cote Ouest du Sinai. Etude de Geographie Physique. Bull. Soc. Khed. Geog, Cairo.

105. FREUND, R. (1965):
A Model of the Structural Development of Israel and Adjacent Areas Since Upper Cretaceous Times. Geological Magazine, Vol. 102, pp. 189-205.

106. FREUND, R. (1974):
Kinematics of Transform and Transcurrent Faults (Red Sea Region). Tectonophysics, Vol. 21, pp. 93-134.

107. FRIEDMAN, G. M., and NEEV, D. (1978):
Late Holocene Tectonic Activity Along the Margins of the Sinai Subplate.
Vol. 202, pp. 427-429.

G

108. GARFUNKEL, Z., and BARTOV, Y. (1977):
The Tectonics of the Suez Rift. Geological Survey of Israel Bulletin, Vol. 71, 44 p.

109. GARSON, M. S., and KRS, M. (1976):
Geophysical and Geological Evidence of the Relationship of Red Sea Transverse Tectonics to Ancient Fractures. Geological Society of America Bulletin, Vol. 87, pp. 169-181.

110. GARSON, M. S., and SHALABY, I. M. (1976):
Precambrian - Lower Paleozoic Plate Tectonics and Metallogenesis in the Red Sea Region. Geological Association of Canada, Special Paper No. 14, pp. 573-596.

111. GASS, I. G. (1970):
Tectonic and Magnetic Evolution of the Afro-Arabian Dome. In: Clifford, T. N., and Gass, I. G., Editors, African Magmatism and Tectonics. Oliver and Boyd, Edinburgh, pp. 285-300.

112. GASS, I. G., and GIBSON, I. I. (1969):
Structural Evolution of the Rift Zones in the Middle East. Nature, Vol. 221, pp. 926-930.

113. GEORGIADES, N. (1929):
Analyse chimique de douze echantillons d'eau de source ou de puits, rapportes par S.A.S. le Prince Kamal El Din Hussein de son voyage scientifique a travers le Sinai en Fevrier et Mars 1927. Bull. Inst. Egypte, n. s., Vol. 10, pp. 105-114.

114. GIEGENGACK, R. (1970):
Uranium Series Corals from Red Sea. Nature, Vol. 236, pp. 155-156.

115. GINDY, A. R. (1961a):
Mineragraphy and Radioactivity of Some Ore Minerals and Associated Gangues from the U.A.R. Proc. Egypt. Acad. Sci., Cairo, Vol. 16, pp. 49-60.

116. GINDY, A. R. (1961b):
On the Radioactivity and Origin of the Manganese - Iron Deposits of West Central Sinai. Proc. Egypt Acad. Sci., Cairo, Vol. 16, pp. 71-86.

117. GINDY, A. R. (1968):
Syngenetic Sedimentary Copper-Zinc-Nickel and Uranium in the Black Shales of West Central Sinai and Safaga District. Proc. Egypt. Acad. Sci., Cairo, Vol. 21, pp. 1-10.

118. GINDY, A. R. (1971):
Constitution and Origin of radioactive Multicoloured Ringed and Banded Stains Coating Some Fractures and Joint Planes in the Kaolin Beds of West Central Sinai. Proc. Egypt. Acad. Sci., Cairo, Vol. 24, pp. 69-78.

119. GINDY, A. R., and GHOZLAN, A. I. (1966):
Radioactivity of Some Egyptian and Foreign Igneous Rocks and Their Derivatives. Fifth Arab Scientific Congress, Baghdad, Part 3, pp. 545-568.

120. GIRDLER, R. W. (1958):
The Ralationship of the Red Sea to the East African Rift System. Quarterly Journal, Geological Society of London, Vol. 114, pp. 79-105.

121. GIRDLER, R. W. (1966):
The Role of Translational and Rotational Movements in the Formation of the Red Sea and Gulf of Aden. Symp. World Rift Systems, Ottawa, 1965, Geol. Survey Canada, Paper 66-14, pp. 65-77.

122. GIRDLER, R. W. (1967):
The World Rift System. Geological Survey of Canada, Paper 66/14, pp. 65-77.

123. GIRDLER, R. W. (1970):
A Review of the Red Sea Heat Flow. Philos. Trans. Royal Society of London, Ser. A., Vol. 267, pp. 191-204.

124. GIRDLER, R. W., and STYLES, P. (1974):
Two-Stage Red Sea Floor Spreading. Nature, Vol. 247, pp. 7-11.

125. GREENBERG, M., WURZBURGER, U., BAKLER, N., and NACHMIAS, Y. (1970):
Black Sands on the Coast of Northern Sinai. Geological Survey of Israel, Report No. MP/517/70, 17 p.

126. GREGORY, J. W. (1920):
The African Rift Valleys. Geographic Journal, Vol. 56, pp. 327-328.

127. GREGORY, J. W. (1921):
The Rift Valley and Geology of East Africa. Seeley, Service and Co., London.

128. GVIRTZMAN, G., FRIEDMAN, G. M., and MILLER, D. S. (1973):
Control and Distribution of Uranium in Coral Reefs During Diagenesis. Journal of Sedimentary Petrology, Vol. 43, No. 4, pp. 985-997.

H

129. HACKETT, J. P., Jr., and BISCHOFF, J. L. (1973):
New Data on the Stratigraphy, Extent and Geologic History of the Red Sea Geothermal Deposits. Economic Geology, Vol. 68, No. 4, pp. 553-564.

130. HAENEL, R. (1972):
Heat Flow Measurements in the Red Sea and Gulf of Aden. Z. Geophysik. Vol. 38, pp. 1035-1067.

131. HALSY, J. H., and GARDNER, W. C. (1975):
Tectonic Analysis of Egypt Using Earth Satellite Data. 20 p. and 15 figs.

132. HANTER, G. (1969):
Remarks on the Water-Bearing Sand Reservoirs in Zeit Formation, East Belayim Oilfield, Gulf of Suez. The Seventh Annual Meeting of the Geological Society of Egypt, Cairo, Abstracts, p. 23.

133. HARTMAN, M., and NIELSEN, H. (1966):
Sulphur Isotopes in Hot Brines Sediments of Atlantis-II Deep, Red Sea. Marine Geology, Vol. 4, p. 305.

134. HELLSTROM, B. (1953):
Note on the Groundwater Supply of Northeastern Sinai. Bull. Inst. Desert Egypte, Vol. 3, No. 1, pp. 135-196.

135. HILAL, O. M., and KIWAN, A. M. (1960):
Investigation on Egyptian Radioactive Minerals. Egyptian Journal of Chemistry, Vol. 3, No. 2, pp. 283-288.

136. HILDERBRAND, N., and SHIRAV, M. (1973):
Geological Structures Along the Gulf of Elat Coast Hateva V'Haaretz, Vol. 16, No. 6, pp. 29-33 (in Hebrew).

137. HILDERBRAND, N., SHIRAV, M., and FREUND, R. (1974): Structure of the Wester Margin of the Gulf of Elat (Aqaba) in the Wadi El Quseib-Wadi Haimur Area, Sinai. Israel Journal of Earth Sciences, Vol. 23, No. 4, pp. 117-130.

138. HILMY, M. E., and ABDEL WAHAB, H. S. (1976): Bibliographical Guide to the M.Sc. and Ph.D. Theses in Earth Sciences in Egypt. Egyptian Journal of Geology, Vol. 20, No. 1, pp. 99-145.

139. HILMY, M. E., and GHOZLAN, A. I. (1962): Uranium and Thorium Concentration in Some Sulphides and Oxide Minerals from Non Uraniferous Areas. Bulletin of the Faculty of Science, Ein Shams University, Cairo, No. 8, pp. 489-495.

140. HILMY, M. E., GHOZLAN, A. I., and SLEEM, Y. S. (1958): Uranium in Some Manganese Ores, Um Bogma, Sinai. Third Scientific Arab Conference, Beirut, pp. 350-355 (in Arabic).

141. HOGG, J. (1850):
On the Geography and Geology of the Peninsula of Mount Sinai and the Adjacent Countries. Edinb. N. Phil, J., Vol. 48, pp. 193-219, and Vol. 49, pp. 33-52 and 255-274.

142. HOLLAND, F. W. (1968):
On the Peninsula of Sinai. J. R. Geogr. Soc., London, Vol. 38, pp. 237-257.

143. HUME, W. F. (1901):
Sur les "Rift Valleys" de l'est du Sinai. Compt. Rend. 8e Congr. Geol. Intern., Paris, Fasc. 2, pp. 900-912.

144. HUME, W. F. (1909):
The Topography and Geology of the Peninsula of Sinai (South Eastern Portion). Survey Department of Egypt, Cairo.

145. HUME, W. F. (1912):
Explanatory Notes to Accompany the Geological Map of Egypt. Geological Survey of Egypt, Cairo, 50 p.

146. HUME, W. F. (1925):
Geology of Egypt, Vol. I: The Surface Features of Egypt, Their Determining Courses and Relation to Regional Structure. Survey of Egypt, Cairo, 408 p.

147. HUME, W. F. (1929):
The Surface Dislocations in Egypt and Sinai: Their Nature and Singificance. Bull. Soc. Geog. d'Egypte, Tome 17.

148. HUME, W. F. (1937):
Geology of Egypt, Vol. III, Part 3: The Minerals of Economic Value Associated with Intrusive Precambrian Igneous Rocks. Survey Department of Egypt, Cairo.

149. HUNT, J. M., HAYS, E. E., DEGENS, E. T., and ROSS, D. A. (1967):

Red Sea, Detailed Survey of Hot-Brine Areas. Science, Vol. 156, p. 514.

150. HUSSEIN, H. A., ANWAR, Y. M., and EL SOKKARY, A. A. (1971):

Radiogiologic Studies of Some Carboniferous Rocks of West Central Sinai. Journal of Geology of the U.A.R., Vol. 15, No. 2, pp. 119-127.

151. HUSSEIN, H. A., FARIS, M. I., and MAKRAM, W. (1965):

Radioactivity of Some Accessory Minerals Specially Zircon in Some Egyptian Granites and Pegmatites. Egyptian Journal of Geology, Vol. 9, No. 1, pp. 13-15.

I

152. ISSAR, A. (1969):
Ancient Lakes in the Wadi Ferran Basin. Hateva V'Haaretz, Vol. 11, No. 5, pp. 213-216 (in Hebrew).

153. ISSAR, A. (1970):
Water Resources in Sinai. Mada, Vol. 15, No. 4, pp. 202-206 (in Hebrew).

154. ISSAR, A. (1973):
The Results of the Study of the Hydrogeology of Merhav Shelomo, Preliminary Report. Southern Sinai, Survey Summary, Merhav Shelomo Command, pp. 53-56 (in Hebrew).

155. ISSAR, A., BEIN, A., and MICHAELI, A. (1969):
Water Resources in the Nubian Sandstone of Sinai and Southern Negev.Geological Survey of Israel, 25 p. (in Hebrew).

156. ISSAR, A., BEIN, A., and MICHAELI, A. (1972):
On the Ancient Water of the Upper Nubian Sandstone Aquifer in Central Sinai and Southern Israel. Journal of Hydrology, Vol. 17, No. 4, pp. 353-374.

157. ISSAR, A., ROSENTHAL, E., ECKSTEIN, Y., and BOGOCH, R. (1969):
Brines, Thermal Springs and Mineralization Phenomena Along the Eastern Coast of Sinai As Compared to those of the Hot Deeps of the Red Sea. Israel Geological Society, Annual Meeting, Jerusalem, Abstracts, p. 3.

158. ISSAR, A., ROSENTHAL, E., ECKSTEIN, Y., and BOGOCH, R. (1970):
Brines, Thermal Springs and Mineralization Phenomena Along the Eastern Shore of the Gulf of Suez. Geological Survey of Israel, Report No. Hydro/2/70, 19 p.

159. ISSAR, A., ROSENTHAL, E., ECKSTEIN, Y., and BOGOCH, R. (1971):

Formation Waters, Hot Springs and Mineralization Phenomena Along the Eastern Shore of the Gulf of Suez. Int. Assoc. Sci. Hydrol. Bull., Vol. 16, No. 3, pp. 25-44.

J

160. JOLLY, J. L. (1978):

The Mineral Industry of Egypt. Minerals Yearbook, 1975, Vol. III: Areas Reports; International, U.S. Bureau of Mines, Washington, D. C., pp. 347-357.

K

161. KHALIL, M. A., and EL DEMERDASH, A. (1975):
Geothermal Gradient Map of the Northern Western Desert and Nile Delta, Egypt. National Committee of Geological Sciences Project, Unpublished map, General Petroleum Company, Cairo.

162. KILDANI, E. (1939):
A Bibliography of Geology and Related Sciences Concerning Egypt, Up to the End of 1939. Survey and Mines Department, Cairo, 428 p.

163. KNETSCH, G. (1954):
Areukturelle Skizze von Aegypten. Geol. Rum. Bd. 42, pp. 242-246.

164. KNOTT, S. T., BUNCE, E. T., and CHASE, R. L. (1966):
Red Sea Seismic Reflection. In: Irvine, T. N., The World Rift System, Canada Geological Survey, Paper 66-14, p. 5.

165. KRONFELD, J., SHILONI, T., and ZAFRIR, H. (1976):
Potential Uses of Natural Isotopes in Desert Palms-Water Survey of Wells in South Sinai. Israel Nuclear Soc. Trnas., pp. 101-103.

166. KRONFELD, J., ZAFRIR, H., SHILONI, Y., and ZACH, R. (1976):
Uranium Isotopes and the Geohydrology of Southern Israel (Abst.). EOS, Vol. 57, No. 4, p. 249.

167. KU, T. L. (1969):
Uranium Series Isotopes in Sediments from the Red Sea Hot Brine Area. In: Hot Brines and Recent Heavy Metal Deposits in the Red Sea, Edited by E.T. Degens and D.A. Ross, Springer-Verlag, New York, pp. 512-524.

L

168. LARTET, L. (1969, 1973):

Essai sur la Geologie de la Palestine et des contrees aroisinantes, telles que l'Egypte et l'Arabie, comprenant les observations recueilles dans le cours de l'Expedition du Duc de Luynes a la Mer Morte. Bibl. Ec. Htes, Et. Sci. Natur., Paris, Vol. 2, No. 1, 1969, pp. 5-296, and Vol. 7, No. 3, 1973, pp. 48-73.

169. LEVY, Y. (1974a):

Interactions Between Brines and Sediments in the Bardawil Area, Northern Sinai. Abstracts of Papers Presented at the 1972/73 Seminar of the Geological Survey of Israel, Edited by D. Gill, pp. 15-17.

170. LEVY, Y. (1974b):

Sedimentary Reflection of Depositional Environment in the Bardawil Lagoon, Northern Sinai. Journal of Sedimentary Petrology, Vol. 44, No. 1, pp. 219-227.

171. LEVY, Y. (1974c):

Chemical Changes in Interstitial Water from the Bardawil Lagoon, Northern Sinai. Journal of Sedimentary Petrology, Vol. 44, No. 4, pp. 1296-1304.

172. LEVY, Y. (1977):

The Origin and Evolution of Brine in Coastal Sabkhas, Northern Sinai. Journal of Sedimentary Petrology, Vol. 47, No. 1, pp. 451-462.

173. LIPSCHITZ, O. (1978):

Sinai. Simor Ltd. Publisher, Tel Aviv.

M

174. MAASON, P. H., and ANGICH, F. J. (1958):
Seismic Survey of Sinai and the Gulf of Suez. Journal of Geophysics, Vol. 23, 329-342.

175. MAGARITZ, M., and ASSAR, A. (1973):
Carbon and Oxygen Isotopes in Epigenetic Hydrothermal Rocks from Hammam El Faraun, Sinai. Chemical Geology, Vol. 12, No. 2, pp. 136-146.

176. MANHEIM, F. T. (1973):
Red Sea Hot Brine; Metal Deposits. Acta Geol., Acad. Sci. Hungary, No. 4, pp. 383-389.

177. MAUCHER, H. (1970):
Metal Contents of Hot Solutions and Their Precipitation in the Red Sea, with Reference to Their Exploitation. Erzmetall. Vol. 23, No. 10, pp. 500-504.

178. MAZOR, E., NADLER, A., and MOLCHO, M. (1973):
Mineral Springs in the Suez Rift Valley, Comparison with Waters in the Jordan Rift Valley and Postulation of a Marine Origin. J. Hydrol., Vol. 20, No. 4, pp. 289-309.

179. McCONNELL, R. B. (1970):
Geological Development of the Rifted System of Eastern Africa. Geological Society of America Bulletin, Vol. 83, pp. 2549-2572.

180. McINTYRE, M., and SHIMRON, A. E. (1978):
Age and Significance of the Tarr Albitite Carbonatite Complex, Southern Sinai. Nature.

181. McKENZIE, D. P. (1970):
The Development of the Red Sea and the Gulf of Aden in Relation to Plate Tectonics. Abstract, Phil. Trans. Royal Society of London, Ser. A, Vol. 267, pp. 393-395.

182. McKENZIE, D. P., DAVIES, D., and MOLNAR, P. (1970):
Plate Tectonics of the Red Sea and East Africa. Nature, Vol. 226, pp. 242-248.

183. MIHAELOFF, S. (1939):
Etude chimico-bilogique de l'eau de la source chaude sulfureuse "Hammam Faraoun" (Sinai). Bull. Inst. Egypte, n.s., Vol. 21, pp. 25-29.

184. MILANOVSKY, E. E. (1969):
Major Features of the Structure and Formation of the Rift System of Eastern Africa and Arabia. Moscow University Proceedings, Vol. 1-Geology, pp. 42-60.

185. MILLER, A. R., DENSMORE, C. D., and DEGENS, C.T. (1966):
Hot Brines and Recent Iron Deposits in Deeps of the Red Sea. Geochim. et Cosmochim. Acta, Vol. 30, p. 341.

186. MOHR, R. N. (1970):
Plate Tectonics of the Red Sea and East Africa. Nature, Vol. 228, pp. 547-548.

187. MOON, F. W., and SADEK, H. (1921):
Topography and Geology of Northern Sinai. Petroleum Research Bulletin, Vol. 1, Ministry of Finance, Cairo, 154 p.

188. MOON, F. W., and SADEK, H. (1923):
Preliminary Geological Report on Wadi Gharandal Area. Petroleum Research Bulletin, No. 121, 42 p., Government Press, Cairo.

189. MORGAN, P., BOULOS, F. K., and SWANBERG, C. A. (1977):
Geothermal Data from Egypt. European Association of Exploration Geophysicists, 39th Meeting, Zagreb, Yugoslavia.

190. MORGAN, P., BLACK WELL, D. D., FARRIS, J. C., BOULOS, F. K., SALIB, P. G. (1977):

Preliminary Geothermal Gradient and Heat Flow Values for Northern Egypt and the Gulf of Suez from Oil Well Data. Proceedings of the International Congress on Thermal Waters, Geothermal Energy and Vulcanism of the Mediterranean Area, National Technical University of Athens, Greece.

191. MORGAN, P., SWANBERG, C. A., BOULOS, F. K., HENNIN, S. F., EL SAYED, A. A., and BASTA, N. Z. (1979):

Geothermal Studies in Northeast Africa. 5th Conference on African Geology, Cairo, Abstracts, p. 41.

N

192. NACHMIAS, J. (1970):
Heavy Minerals in the Bardawil Lagoon Area. Geological Survey of Israel, Report No. MSK/3/70, 9 p. (in Hebrew).

193. NAKKADY, S. (1958):
Stratigraphical and Petroleum Geology of Egypt. University of Assiut Monograph Series No. 1, Assiut.

194. NEEV, D. (1975):
Tectonic Evolution of the Middle East and the Levantine Basin (Easternmost Meditarranean). Geology, Vol. 3, No. 12, pp. 683-686.

195. NEEV, D. (1967):
Coastal Plain of Northern Sinai - Geological Forecast, First Report. Geological Survey of Israel, Report No. Q/1/67, 15 p. (in Hebrew).

196. NEEV, D. (1977):

The Pelusium Line - A Major Transcontinental Shear. Tectonophysics, Vol. 38, No. 3-4, pp. T1-T8.

P

197. PAVER, G. L., and JORDAN, J. N. C. (1956):
Report of Ministry of Public Works: On Reconnaissance Hydrological and Geophysical Observations in North Sinai Coastal Area of Egypt. Publications of Inst. Desert Egypte, No. 7.

198. PICARD, L. (1943):
Structure and Evolution of Palestine, with Comparative Notes of the Neighbouring Countries. Bull. Geol. Dept., Hebr. Univ., Jerusalem, Vol. 4, Nos. 2-4.

199. PICARD, L. (1970):
On Afro-Arabian Graben Tectonics. Geol. Rund., Vol. 59, pp. 339-381.

200. PODOSEK, F. A. (1973):
Thermal History of the Nakhlites by ^{40}k - ^{39}Ar Method. Earth Planet. Sci. Lett., Vol. 19, No. 2, pp. 135-144.

201. PUGH, D. T. (1967):
Origin of Hot Brines in the Red Sea. Nature, Vol. 214, pp. 1003.

202. PUGH, D. T. (1969):
Temperature Measurements in the Bottom Layers of the Red Sea Brines. In: Hot Brines and Recent Metal Deposits in the Red Sea, Edited by E. T. Degens and D. A. Ross, Springer-Verlag, New York, pp. 158-163.

R

203. RAIMONDI, J. (1925):

La Mer Rouge et le Desert Arabique (in 'L'Egypte Apercu historique et geographic, etc."). Publisher Compagnie Universelle du Canal Maritime de Suez (No. 628), in connection with the Congres de Navigation Maritime held in Cairo in 1925. (loc. cit. pp. 178-194).

204. REGNAULT, C. J. A. (1800):

Analyse de l'eau du Nil et de quelques eaux salles (Eau du Puits de Joseph); Eau des Bains de Pharao; Eau dAdjeroud; Eau d'Habaseh; Eau de la Fontaine Hatabeh. Mem. s. l'Eg., l'aris, Vol. 2, An.9, pp. 35-48.

205. RITTMANN, A. (1954):

Remarks on Eruption Mechanism of the Tertiary Volcanoes of Egypt. Bull. Volcanol., Ser. 2, No. 15, pp. 109-117.

206. RIZQANA, I. (1955):
Crustal Disturbances in the Pleistocene. Bulletin of the Faculty of Arts, Cairo University, Cairo, Vol. 22, No. 2 (in Arabic).

207. ROSS, D. A. (1972):
Red Sea Brine Area; Revisited, A. A. A.S., Vol. 175, pp. 1455-1457.

208. ROSS, D. A., et al. (1973):
Red Sea Drillmap. Science, Vol. 179, pp. 377-380.

S

209. SADEK, H. (1928):
The principal Structural Features of the Sinai Peninsula. Compt. Red. 14e Congr. Geol. Intern., Madrid, Fasc. 3, pp. 895-900.

210. SAID, R. (1957):
Review of Egyptian Geology, Part I. Science Council, Cairo, 91 p.

211. SAID, R. (1962):
The Geology of Egypt. Elsevier Publishing Co., Amsterdam - New York, 377 p.

212. SAID, R. (1971):
Explanatory Notes to Accompany the Geological Map of Egypt. Geological Survey of Egypt and Mining Authority, Paper No. 56, Cairo, 123 p.

213. SAID, R., and YALLOUZE, M. (1960):
Bibliography of Published Works on Sinai. In: Sinai Encylcopedia, The Supreme Science Council, Cairo, pp. 383-416.

214. SAID, R., MANSOUR, A. O., MIKHAIL, M. F., and ELIAS, A. N. (1975):

Bibliography of Geology and Related Sciences Concerning Egypt for the Period 1960-1973. The Geological Survey of Egypt and Mineral Projects Authority, Cairo.

215. SALEM, R. (1963):

Geology and Groundwater Supplies Between Giza and El Arish. M.Sc. Thesis, Faculty of Science, Cairo University.

216. SCHEUCH, J. (1973):

Measurements of Heat Flow in the Red Sea Between 19° and 26° North Latitude, the Region of the Brines Deeps. Z. Geophys., Vol. 39, No. 5, pp. 859-862.

217. SCHOELL, M., and HARTMAN, M. (1973):

Detailed Temperature Structure of the Hot Brines in the Atlantis II Deep Area, Red Sea, Mar. Geol., Vol. 14, No. 1, pp. 1-14.

218. SCHOELL, M., and STAHL, W. (1972):
The Carbon Isotopic Compsition and the Concentration of the Dissolved Inorganic Carbon in the Atlantis II Deep Brines, Red Sea. Earth Planet. Sci., Vol. 15, No. 2, p. 206-211.

219. SCHURMANN, H. M. E. (1966):
The Pre-Cambrian Along the Gulf of Suez and the Northern Part of the Red Sea. E. J. Brill, Leiden, The Netherlands.

220. SCHURMANN, H. M. E. (1974):
The Precambrian of North Africa. E. J. Brill, Leiden, The Netherlands.

221. SCLATER, J. C. (1966):
Heat Flow in the North West Indian Ocean and Red Sea. Phil. Trans. Roy. Soc. London, Vol. A-259, pp. 271-278.

222. SHALEM, N. (1954):
The Red Sea and the Erythrean Disturbances. Compt. Rend. 19e Congr. Geol. Intern., Algiers, Section 15, Part 17, pp. 223-231.

223. SHATA, A. (1959):
Groundwater and Geomorphology of the Northern Sector of Wadi El-Arish Basin. Bull. Soc. Geog. d'Egypte, Vol. XXXII, pp. 247-262.

224. SHEHATA, W. M. (1964):
Distribution of Radioactivity in Some Granitic and Pegmatitic Rocks in Egypt. M.Sc. Thesis, Faculty of Science, Ein Shams University, Cairo, 120 p.

225. SHIMRON, A. E. (1975):
Petrogenesis of the Tarr Albitite-Carbonatite Complex, Sinai Peninsula. Mineral. Mag., Vol. 40, pp. 13-24.

226. SHIMRON, A. E., and ZWART, H. J. (1970):
High Temperature-Low Pressure Metamorphism in the Precambrian of the Middle East and North Africa. Geol. Mijnbow, Vol. 49, No. 5, pp. 369-374.

227. SHIMRON, A. E., BROOKINS, D. G., MAGRITZ, M., and BARTOV, Y. (1973):
Origin of the Intrusive Carbonate Rocks Between the Gulf of Suez and the Gulf of Elat Rifts. Israel Journal of Earth Sciences, Vol. 22, No. 2, pp. 243-254.

228. SHUKRI, N. M. (1954):
Remarks on the Geological Structure of Egypt. Bull. Soc. Geog. d'Egypte, Tome 27, pp. 65-82.

229. SHUKRI, N. M., and PHILLIP, G. (1959):
The Mineralogy of Some Recent Deposits in the Arish-Gaza Area. Bulletin of the Faculty of Science, Cairo University No. 35.

230. SIGAEV, N. A. (1959):
The Main Tectonic Features of Egypt: An Explanatory Note to the Tectonic Map of Egypt Scale 1:2,000,000. General Egyptian organization for Geological Research and Mining, Cairo, Geol gical Survey Paper No. 39, 26 p.

231. STEINITZ, G., BARTOV, Y., and HYZIKER, J. C. (1978):
K-Ar Age Determinations of Some Miocene-Pliocene Basalts in Israel: Their Significance to the Tectonics of the Rift Valley. Geological Magazine, Vol. 115, No. 5, pp. 324-340.

232. STRANGWAY, D. W., and McMAHEN, B. E. (1969):
Magnetic Properties of Minerals from Red Sea Thermal Brines. In: Hot Brines and Recent Heavy Metal Deposits in the Red Sea, Edited by E. T. Degens and D. A. Ross, Springer-Verlag, New York, pp. 460-473.

233. SUPREME SCIENCE COUNDIL. (1960):
Sinai Encyclopedia. The Supreme Science Council, Cairo, 416 p. (in Arabic).

234. SWANBERG, C. A., MORGAN, P., HENNIN, S. F., DAGGETT, P., MELIC, Y. S., and EL SHERIF, A. A. (1977): Preliminary Report on the Thermal Springs of Egypt. Proceedings of the International Congress on Thermal Waters. Geothermal Energy and Vulcanism of the Mediterranean Area, National Technical University of Athens, Greece.

T

235. TAHA, A., EL SHAZLY, M. M., and SHATA, A. (1974): Hydrological Aspects of El Arish-Rafah Area, Northeast Sinai. Arab Mining and Petroleum Association, Cairo.

236. TOURKY, A., ISSAL, I. M., and SHALABY, A. (1962): Analysis of Uranium in Ores. Egyptian Journal of Chemistry, Vol. 5, No. 1, pp. 53-64.

237. TRAMONTINI, C., and DAVIES, D. (1969): A Seismic Refraction Survey of the Red Sea. Geophys. Journ., Royal Astron. Soc., Vol. 17 pp. 225-241.

V

238. VECH, H. (1968):
U^{234}/U^{238} in the East Pacific Sector of Antartic Ocean and in the Red Sea. Geochem. et Cosmochim. Acta, Vol. 32, p. 117.

239. VECH, H., and GIEGENGACK, R. (1970):
Uranium Series-Ages of Corals from the Red Sea. Nature, Vol. 226, pp. 155-156.

240. VROMAN, A. (1971):
Legend for the Geological Map of Sinai (Provisional), Scale 1:250,000. Israel Geological Society, Annual Meeting, Northern Sinai, Abstracts, p. 4.

W

241. WACHS, D., and ARAD, A. (1977):
Survey to Locate Sources of Water in the Sant Katarina Area. Geological Survey of Israel, Report No. Hydro/1/77., 11 p. (in Hebrew).

242. WALLIS, W. E. (1945):
Water Resources of North and Central Sinai. New York Office.

243. WARNING, G. A. (1965):
Thermal Springs of the U.S. and other Countries of the World. U.S. Geological Survey Professional Paper 492.

244. WHITEMAN, A. J. (1970):
The Existence of Transform Faults in the Red Sea Depression. Phil. Trans. Royal Soc. London, Ser. A, Vol. 267, pp. 407-408.

Y

245. YARON, F., and FRENKEL, R. (1969):
U^{234}/U^{238} Ratio in the Red Sea. Israel J.
Earth Sci., Vol. 18, No. 3-4, p. 149.