6. REFERENCES

Abdalla, M., Kandil, M. F. and Badawi, A. M. (1970): Reclamation of sandy soils of Tahrir province. A. R. E. J. Desert Inst. Bull., 20, (1) : 151.

Abdel-Aal, Sh. I., Shawky, N. E. and Shahin, R. R. (1990): Status Mn, Zn and B in relation to soil quality in some prospective oases of the western desert of Egypt. Egypt. J. Soil Sci., 30 (4): 649-664.

Abdel-Aziz, S. M., El-Fayoumy, M. E.; Gomma, M. H. and Ramadan, M. H. (1996): Soil and crop response, to applied soil conditioner. Alex. Sci. Exch., 17:261-270.

Abdel-Aziz, S. M., Fathi, A. L. and Selem, M. M.(1990): Effect of applied soil conditioners on sandy soil characteristics and wheat production. Annals of Agric. Sci., Moshtohor, 28:2691.

Abdel-Tawab, O. (1978): Influence of some natural local amendments on the reclamation of sandy soils of the Tahrir province.M. Sc. Thesis, Fac. Agric., Cairo Univ., Egypt.

Adams, J. S. and Weaver, R. (1958): Thorium to uranium ratio as indicator of sedimentary processes, examples and concept of Geo chemical facies. Am. Ass. Pet. Geol. Bull., Vol. 42, PP. 387-430.

Ahmed, M. A. (1999): Physical and chemical studies on different types of shales. M.Sc. Thesis, Fac. of Agric., Zagazig Univ., Egypt.

Amer, A. F., Krintsov, M. I. And Hanna, F. L. (1970): Assessment of Egyptian clay deposits. Ministry of industry. Geological Survey Article 12. Part III.

Attia, A. K., Murray, H. H., Azin. A. A. and Boults, S. N. (1985): Mineralogy of some Egyptian bentonitic- clay deposits; (chapter 10) in Hausen, D. M. and Kopp, O. C. (Editros) mineralogy-

application to the minerals Industry. Soc. Mining Engineers. AIME, New York.

Attia, A. K.; Shata, A. A. and Hegab, O. A. (1978): A contribution to the mineralogy and petrology of the Holocene sediments along Mediterranean coast of Egypt. Desert Inst. Bull.,A R. E., 28 (2): 333-351.

Attai,M.I.,(1956): Manganese deposits of Egypt.Int. Geol. Congress. 20th Mexico Symposium Sobr Yacimientose De Manganese. Tom II(Africa),P.143-177.

Azzam ,A. M., (1996): Mineralogical, chemical and physical studies on some shale deposits of Egypt and its relation to Agricultural and Industrial Application, Egypt. M. Sc. Thesis, Fac. of Sci., Helwan Univ., Egypt.

Badr, M. A. M. (1998): Effect of some soil conditioners an avalibility of nutritive elements in newly reclaimed soils. M. Sc. Thesis, Fac. of Agric.at Moshtohor, Zagazig University, Egypt.

Balba , A. M . (1995) Mangement of problem Soils in arid ecosystems , Lewis publishers , CRC , New York , USA .

Ball, J.(1916): The Geography and Geology of West Central Sinai: Egypt,Surv.Dept.,Cairo,pp.186-204.

Barron, T.(1907): That topography and geology of the peninsula of Sinai (western portion). Surv. Dept., Cairo, 241 PP.

Beyth,M.(1981): Paleozoic Vertical monovements in Um Bogma area, South-Western Sinai.Am.Ass.Pet.Geol.,Bull.Vol.65,P.160-165.

BIMM.E.O., JOHNSON, P.H., "New TL Leaching Process",Presented at CIM Conferencen of Metallurgistis,Montereal Quebc,Canda 28 Aug.**1978**.

Blak, C. A. (1965): Methods of Soil Analysis. Part 1, Published by American Society of Agrnomy, 677 South Sgoe roads, Madison, Wisconsin, 53711, U.S.A.

Bowie, S. H. U. and Plant, J. A. (1983): Natural radio activity in the environmental, Acad. Press, London, PP. 482-494.

Boydell, D. W.,and Viljoen, E. B. (1982): Uranium processing in south Africa from 1961 to 1981.Proc. 12th CMMI Congress, Vol 2, Johannesburg, 3-7May .

Bradly, W. F. (1954): Analysis of mixed layer mineral structures. Annal. Chem., 25: 727-730.

Brooks, R. A. Ferrel , R. E. (1970): The lateral distribution of clay minerals in lake. Pontchartain and manurepas, lovisiana.J. Sed. Pet., 40:855-863

Brown, G., Edwards, B., Omerod, F. C. and Weiru, A. H. (1979): A simple differactometer heating stage. Clay Miner., 9: 407-423.

Chester, R. (1965): Adsorption of zinc and cobalt on illite in sea water. Nature, 206:884-886.

Das, D. K. and Dakshinamurit, C. D. (1975): Bentonite as a soil conditioner in:soil conditioners.,Soil Sci. Soc. Am. Inc., Madison, Wisc., U.S.A.

Davies, W. and Gray, W. A. (1964): Rapid and specific titrimetric method for the precise determination of uranium using iron II sulphate as reductant. Tolanta., 11:1203-1211.

Dixon, J. B., and Weed, S. B. Edi.1977: Minerals in soil environment, (1977). Soil Science Society of America, Madison, Wiscom sim, USA.

Domingues, H., Vieria, E. Silva, J. M. (1990): Copper and zinc in sandy, granitic and schist soils. Environmental Technology, 2780, (c. f). soil & Tert., 54, 3868).

EL-Aassy,I.E.E,Botros,N.H.,Abdel Razik,A..,El Shamy,A.S.,Ibrahim, S.K., Sherif , H.Y., Attia, K.E. and Moufei, A.A.(1986): Report on Proving of Some radioactive occurances in West-central Sinai:Int.ReP.,NMA,Cairo,Egyopt,18P.

EL-Agami, N. L. M. (1996): Geology and radioactivity studies on the Paleozoic rock unit in Sinai Peninsula,Egypt.Ph.D.Thesis ,Fac.Sci., Mansoura Univ., Egypt.

El-Badry, D. (1979): Some dynamic changes in coarse textured soil as a result of shale application. Egypt. J. Soil Sci., 19, (2):163-181.

El-Bagouri, I., Sabet, S. and Abdel-Salam, M. (1972): Long term studies an amelioration techniques of sandy soils, 1-Four years of Alfalfa. Desert Int. Bull. 22, 2, 351.

El-Baleity,A.,Ghoneim,M.,Hinnawi,M.,Fathi,M.Gebli,H.,and Kamel,M.(1987): Paleozoic,stratigraphy, Paleogeography and Paleotectonics in Gulf of Suez,E.G.P.C.8th Exploration Conf.,21p.

El-Bassiony,M.A.M. (1990): Studies on some Egyptian Raffle and their suitability soil conditioning and Brick industry, Egypt. M. Sc. Thesis, Fac. of Agric., Cairo Univ., Giza, Egypt.

El-Damaty, A. H. and Mobarak, M. (1962): Studies on virgin sandy at the Tahreer province of U.A.R. J. soil Sci. U.A.R. 2: 195-218.

El-Maghrapy, E. E. (1992): Studies on controlling salt accumulation under drip irrigation system. Ph.D. Thesis, Fac. of Agric., Ain Shams University, Egypt.

El-Samanoudy, I. M., Asker, F. A. and EL-Shakweer, M. H. A. (1993): Suitability of Natural soil conditioners for improving hydrophysical and chemical properties of Alkaline clayeysoil. Egypt. J. Soil. Sci., 33:35-43

EL-Shahat, A. and Kora M.(1986): petrology of the Early Paleozoic of Um Bogma area,Sinai. Bull .Fac.Sci.,Mansoura Univ.,13,:151-184.

EL-Shazly,E.M.,Abdel Hady, M.A., El-Ghawaby, M.A, EL Kassas,I.A.,(1974): Geology of Sinia Peninsula from ERTS-I satalite images.Acad.Sci.Res.Tech.,Cairo,20P.

El-Sherif, A. F. (ed) (1987): Sand soil reclamation academy Sci., Research and technology, Cairo, Egypt; P. 274.

El-Sherif, A. F. and El-Hady, O. A. (1988a): Egyptian bentonite deposits as soil amendments. 1.Evaluation as conditioners for sandy soils. Egypt. J. soil Sci. 28, 205-214.

El-Sherif, A. F. and El-Hady, O. A. (1988b): Egyptian bentonitic deposits as soil amendments. II. Hydrophysical characteristics and mechanical strength of sandy soils. Egypt. J. Soil. Sci., 28: 215-233.

El-Sherif, A. F. and El-Hady, O. A. (1988c): Egyptian bentonitic deposits as soil amendments. III. Leachability of salts from sandy soils mixed with bentonites. Egypt. J. Soil. Sci. 28: 235-245.

El-Sherif, A. F., Tayel, M. Y., Lotfy, A. A. and EL-Hady, O. A. (1982): Final report on the effect of Nile suspended matter deficit on the properties and fertilization requirements of Egyptian soils. Academy of Scientific Research and Technology, Egypt.

Fahim, M. M. (1986): Effect of soil conditioners on some physical and chemical properties in some Egyptian soils. Ph.D. Thesis, Fac., of Agric., Moshtohor, Zagazig University.

Fahim, M.M.; Hamouda, A. M. and El-Raies, A. A. (1994): Sandy soil properties as affected by application of soil conditioners. Egypt. J. Appl. Sci., 9:505-515.

Gill,D.andFord,S.O.(1956): Manganiferous iron ore deposits of the Um Bogma district,Sinai,Egypt.20th Int. Geol. Cong., Mexico Symp., Sobre Yacimientos De Manganese. Tom II(Africa).P.173-177.

Girmes, M. E. (1982): Uranium milling-A review of world operating experience. Presented at Uranium 82, 12th Annual Hydrometallurgical Metting, CIM Metallurgical Society., Toronto, 29 Aug-2Sep.

Goldschmidt, V. M. (1954): Geochemistry". Oxford Univ. Press (clarendon), London and New York.

Gommaa, M. H. A. (1989): Agricultural properties of Egyptian shales (tafla deposits) as affected by their mineralogical and chemical properties. Ph.D. Thesis, Fac. of Agric., Ain Sham University

Hauff, P. L., Pevear, D. R., Blackmon, D. D., Roynolds, R. C. and Philips, R. E. (1982): Oriented sample mounts for analysis of clay minerals by X-ray diffraction. Proposed U.S. Geol. Surv. Open file rep.

Hussein, L. A., El-Shanawany, E. and Abdel-messih, S. G. C.(1993): Effect of tafla application on yield of sunflower and some characteristics of sandy soil and crop production.Egypt.J.Appl.Sci.,Zagazig 8:574-581.

Ibrahim , E.E. , Ahmed F.Y ; Eshamy ; A . Saud , Shata , A . E. 1977: Contribution to the Uranium distribution in the Paleozoic Section

in Gable Homyir Southwestern Sinai Egypt.Egypt.J.of Geology 41/2 PP.205-218.

Ibrahim, I. A., Felix, N. S., Ismail, A. K. and Abdel-Azim, F. (1994): Improvement of reheological properties of Egyptian bentonite clay through alkali activation proceeding of the 1st international symposium of industrial application of clay. Cairo, Egypt.

Ibrahim, M. M. E.; El-Aassy, I. E. E. El-kattan E. M. and Botros, N. H. (1995): Structurally controlled radiometric anomaly in dokhan volcanic, East EL-Qaa Plain, South western Sinai, Egypt. Geol. 39-1,.pp.

International Atomic Energy Agency, Vinna (IAEA) (1988): Geochemical exploration for uranium. Tech. Report, No. 284.

Jackson, M. Ed. (1967): Soil Chemical Analysis. Constable Co. LTD., London.

Josa, J. M. (1976): La mineralurgia de uranio en espana. Proc Advisory group metting on uranium ore processing, IAEA, washington, Dc, 24-26, Nov. 1975 IAEA, STI/PUB/453, Vienna. 41-53.

Klute , A. (ed .) (1986): Methods of soil analysis. part 1 : physical and mineralogical methods. 2 nd Ed.,An,Soc.Agron.,Madison ,wiscnsin,USA.

Krauskopf, K. B. (1982): Geochemistry of micronutrient. In."Micronutrient in Agriculture". J. J. Mortved, P.M. Giordano and W. L. Lindsay. (Eds)., Soil Sci. Sec. Amer., Madison, Wisconsin, USA.

Labib, F. (1982): The mineralogical characteristic of some important shale deposits in Egypt. Egypt. J. Soil Sc.: 22, 41-51.

Labib, F. B.; Khalil, J. B. and Halaka, S. H. (1987): Heavy metals in some soil clay beds of Bahariya oasis, Egypt. Agrochimica, 33:1-8.

Lhotsky, S. (1970): Principles of the affectivity of benonite as an ameliorating material in soil. Sci. Agric. Bockem. 2,1.

Lotfy, A. A. and El-Hady, O. A. (1984): Effect of bentonite on some characteristics, yield and water use efficiency of kidney bean in sandy soil under tickle irrigation. Egypt. J. Soil Sci., 24:225-235.

Mahmoud, M. R. (1988): Effect of certain amendments on Improving soil fertility and crop performance in newly reclaimed sandy soil. M.Sc. Thesis, Fac. of Agric., Minia University, Egypt.

Menzel, R. G. and Jackson, N. L. (1950): Mechanism of sorption of hydroxyl cupric Ion by clay. Soil Sci. Soc. Am. Proc., 15:122-124.

Mervat, S. H. (1987): Mineralogy and petrology of upper Eocene clays in Qattamia area. M.Sc.Thesis. Fac. of Sci., Cairo university.

Mervat, S. H. (1992): Mineralogical evaluation of clay deposits along Cairo-Seuz Road and Gulg of Seuze, Egypt. Ph.D. Thesis, Fac. of Sci., Cairo University.

Mervat, S. H. (1998): Evaluation of tertiary shales in Cairo envrious, Egypt, for industrial applications. Sedimentology of Egypt., 6:81-90.

Metwally, S. Y. (1978): Methods used for increasing fertility og sandy soils. Egypt. J. Soil Sci. Special Issue 44,pp. 232-245.

Mitchell, R. L. (1964): Trace elements. IN: chemistry of soil. Bear, F. E. (ed.). Chem., Soc. Mono-Series, Reinhold Publishing Corporation, New York.

Maatouk, M. A. and Morsy, M. A. (1988): Shale deposits of El-Minia Governorate as a soil conditioner. Inter. Symp., Soil. Condtitioner, Egypt. PP. 353-369.

Mousa, K. F., Fayed, M. N., Nasr-Alla, A. E. and Soliman, K. G. (1995): Difractional computer model for Agricultural experimental analysis. Z-effect of raffle and organic manure application on barley plant cultivated in sandy soils. Zagazif J. Agric. Res., 22:553-567.

Mashbir, D. S. (1964): Heap leaching of low- grade uranium ore. Min. Congr. J., 50-54.

McKelvey, I. V. E.*(Ed).* (1955): Origin of Uranium Deposits, Geol. ,50: 464-533.

Michel, P. (1976): Traitment des minerals d'uranium a faible teneur. Proc. Advisory Group Meeting on Uranium Ore Processing. IAEA, Washington, Dc, 24-26, Nov. 1975, IAEA, STI/PUB/453, Vienna. 127-140

Moore, D. M. and R. Reynolds (1989): X-ray diffraction and the identification and analysis of clay mineral. Oxford Univ. Press., Oxford, New York.

Nagata, T. and Muramatsu, K.(1959): Effect of incorporation of benonite on the dune sands of shizuoka prefecture. VI Rice yield and humus accumulation by compost application. J. Sci. Soil Tokyo, 30,PP.492.

Naghmoush, S. (1973): Report on reclamation of sandy soils in South Tahreer. A. R. E. Ministry of land reclamation, Egypt (C.F. Egypt. J. Soil Sci. 28(2): P. 213 .

Nelson, R. E. (1982): Carbonate and gypsum. Methods of soil-analysis Part 2. Amr. Soc. Inst. PP. 181-198, Madison, Washington.

Norrish, K. and B. W. Chappel (1977): X-ray fluorescence spectrometry, in physical methods determination mineralogy, 2nd (ed.ced. zussman). Academic Press, London, pp. 201-272.

Northmore, J. M. (1959): Iodine and copper uptake by soil organic matter. Nature, 183: 1309-1310.

Ramadan, K. B. and Abdalla, M. H. (1996): Neagene days deposits minerals and sedimentary implications, red sea, Egypt. Sedimentology of Egypt, 4: 63-73.

Richard, L. A. (1954): Diagnosis and Iimprovement of Saline and Alkaline Soils. U.S. Salinity Lab. Staff, USA Agric. H. and Book, No. 60.

Sabet, S., Abdel-Salam, M. and El-Bagouri, I. (1970): Amelioration of sandy soils through carpet-like application. Desert Inst. Bull. 20, 1, 121-142.

Said,R.(1971):Explanatory notes to accompany the geological map of Egypt.Geol.Surv.Egypt.,pap.56,123p.

Segev, A. (1984): Gibbsite mineralization and its genetic implication four the um bogma manganese deposits, South-Western Sinai.Mineral Deposite, 19: 54-62.

Shapiro, L. and W. W. Brannock, (1962): Rapid analysis of silicate, carbonate and phosphate rocks. U.S. Geol. Surv. Bull. 11440-A.

Sharara, A. M. (1986): Mineralogical and physico-chemical studies on some Egyptian clayey deposits. Ph.D.Thesise Fac. of Sci. El-Mansoura University.

Soliman, S. A. and EL-Fetoh, M. A. (1969): Lithostratigraphy of carboniferous Nubian type sandstone in west central Sinai, Egypt. Sixth Arab Science Congress Damascus, Part 4-A, P. 311-377.

SUGIER,P.(1958)."Extraction de Uranium de Ses Minerals"ReportCEA-1037.

Takahashi, T. (1960): Supergene alteration of zinc and lead deposits in limestone. Geod., 55:1083-1115.

Thunaes, A. (1956): Canadian practice in dressing and extraction of uanium. Proc. Int Conf. Peace Uses Atom Energy.8 -84.

Ulrich, M. and Klaus, F. (1981): The triangle method semiquantitative determination of clay minerals. J. Sed., Pet, 52:654-657.

Wang, J. H. (1990): Soil formation and Geochemical characteristics of some trace elements in the Turpan Basin, X in Jiang. Chinese. J. of Arid Land Res., 3:89-96, (c.f. Soil & Fert., 54, 1164).

Weissbord,T.(1969): The Paleozoic outcrops of South-Western Sinai and their correlation with those of southern Isrrael-G.S.IBull.No.432P.

Weissbord, T. (1980): The Paleozoic Israel and adjacent countries (Lithostratigraphic studies), Ph.D. Thesis,Hebrew Univ., Jersalen, 276p.

Whittig, L. D. and Jackson, M. L. (1965): Interstratified layer silicates in some soils of northern Wisconsin "Clay and Clay Mineral. (3rd Nat. Conf. 1954) PP. 422-336.

Woody, R. J.and Georf, D. R. (1958): Acid leaching of uranium in uranium are processing by GEEGG, J. W., FOIEY, D. P. Addison Wedly. Radila. Mass , p.p. 115-152.

Woolery and R.G. (1978): Heap leaching of uranium case story, Min. Eng. J.,pp . 285-290.