

8. REFERENCES

1. Acar, Y.B., and Alshawabkeh, A.N. (1996). 'Electrokinetic remediation. I:Pilot scale with lead- spiked kaolinite. Jouranal of Geitechnical Engineering, ASCE, 122(3): 173-185.
2. Banerjee A.M.S & Vitayasupaakaran,V.S.M(1983). Appraisal of Electro osmosis Oedometer Tests. *Journal of Geotechnical Engineering*,ASCE Vol.110,No.8 pp.1007-1023
3. Bjerrum,I., Moum,J., and Eide, O. (1967). "Application of Electro–Osmosis to a Foundation Problem in a Norwegian Quick Clay". *Geotechnique*, Vol.23, pp 214-235.
4. Bruce D.A.,(2001). "Pratitioner's Guide to the Deep Mixing Method", *Ground Improvement Journal*, Thomas Telford Ltd. pp 95-100.
5. Casagrande,L.(1994)."Electro osmosis in Soils". *Geotechnique*,Vol.1,pp.159-177.
 University of Moratuwa, Sri Lanka.
www.lib.mrt.ac.lk
6. Chappell,B.A. and Burton,P.L.(1975). "Electro osmosis Applied to and Unsuitable Embankment". *Journal of Geotechnical Engineering*,ASCE Vol.101,pp.733-740.
7. Chaudhary S.K., (1998) "Electro- Osmotic Stabilization of Soft Bangkok Clay". AIT Thesis, Bangkok,Thailand.
8. Endo M. (1976) Recent development in dredged material stabilization and deep chemical mixing in Japan. Soils and Site Improvement. University of California, Berkley, lifelong learning seminar.

9. Esrig M.I., (1968) "Pore pressures ,Consolidation, and Electrokinetics" *Journal of Soil Mechanics and Foundation Division*,ASCE Vol.101,pp.733-740.
10. Huttunnen,E., K UJALA, k., and Vesa, H., (1996) – Assesment of the Quality of Stabilized peat and clay. Proceeding of the International Symposium on Grouting and Deep Mixing (in Japan).
11. Johnston,I.W. and Buterfield,R. (1977). A laboratory investigation of soil consolidation by electro-osmosis. *Australian Geomechanics Journal*, G7: 21-32.
12. Kawasaki T., Suzuki Y. (1981) On the Deep mixing chemical mixing method using cement hardening agent. Takenaka, Technical Research Report 26,pp.13-42
13. Kulathilaka S.A.S, (1998) "Improvement of Engineering Properties of Peat by Preconsolidation" – 11th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering at Seoul, South Korea.
14. Kulathilaka S.A.S,(2003) "Compressibility Characteristics of Electrically Treated Peaty Clays", Symposium on Advances in Geotechnical Engineering held at Indian Institute of Technology,Kanpur.
15. Morris,D.V., Hillis,S.F.and Caldwell,J.(1985). "Improvement of Sensitive Clay by Electro-Osmosis". *Canadian Geotechnical Journal*, Vo.22, pp.17-24.
16. Mithell,J.K.,(1993) Fundementals of Soil Behaviour. 2nd ed. John Wiley and Sons, New York.
17. Mithell, J.K. and WAN, T.Y., 1975. "New Apparatus for Consolidation by Electro-Osmosis" *Journal of Geotechnical Engineering*,ASCE Vol.101,pp.503-507.

18. Mithell, J.K. and WAN, T.Y., 1975. "Electro osmosis Consolidation of Soils" *Journal of Geotechnical Engineering*, ASCE Vol.102,pp.473-491.
19. Morris, D.V., Hillis, S.F. and Caldwell, J.A., (1985) "Improvement of Sensitive Stiff Clay by Electro-Osmosis" *Canadian Geotechnical Journal*, 22:pp17-24.
20. Munasinghe W.G.S (2001) "Methods of improvement of engineering properties –A Comparative study" M Engineering thesis, University of Moratuwa.
21. Nayar A. (1997) Electro-osmotic Stabilization of Soft Bangkok Clays with and without Prefabricated Vertical Drains AIT Thesis No. GE 96-18, Asian Institute of Technology, Bangkok.
22. Nettleton I. M., Jones C.J.F.P., Clarke B. G. and HAMIR r.(1998) Electrokinetic geosynthetics and their applications. Proceedings of the 6th International Symposium on Geosynthetics, Atlanta, 2, 871-876.
23. Patawaran M.A.B.,(1998) "Improvement of Reconstituted Clay with and without Electro –osmotic Consolidation" Bangkok, Thailand.
24. Porbaha A., (1998) "State of the Art in Deep Mixing Technology: Part 1 Basic Concepts and Overview. Pp 81-92. *Ground Improvement Journal*. Thomas Telford Ltd.
25. Porbaha,A., Tamaka,H., and Kobayashi,M., (1998) State of art in deep mixing technology:Part 2 applications.pp.125-139. *Ground Improvement Journal*, Thomas Telford Ltd.
26. Porbaha A., Shabuya S. & Kishida T. (2000) State of the art in Deep Mixing Technology. Part 3: Geomaterial Characterization *Ground Improvement Journal*, Thomas Telford Ltd. pp 91-110.

27. Porbaha A.,(2000). State of the art in Deep Mixing Technology. Part 4:Design Considerations *Ground Improvement Journal*, Thomas Telford Ltd. pp111-125.
28. Porbaha A., Rayout J.L.and Nicholson P.(2001) "State of the art in construction aspects of deep mixing Technology". *Ground Improvement Journal*, Thomas Telford Ltd. pp123-140.
29. Priyankara N.H, Priyantha N.A.A,Nilanthi K.H.B. (2000) "comparison of methods of improvement of Compressibility Properties of Peat", B.Sc (Engineering) final year project report, Department of Civil Engineering University of Moratuwa.
30. Sagarika D.K.N.S (2003) 'Improvement of peaty clays by Electro-osmotic Consolidation' The Second International Young Geotechnical Engineers Conference, Mamaia-Constantza.
31. Shang J.Q. & Hang, K.M. (1996) "On factors influencing electro- osmotic consolidation" *Geotechnical Engineering Journal*. Vol.27, No.2, pp23-36
32. Shang J.Q. (1997) Zeta Potential and electro osmotic permeability of clay soils. *Canadian Geotechnical Journal*, 34,627-631
33. Schaad, W., and Haefeli, R., (1947) 'Electrokinetic Phenomena and their Application to Soil Mechanics' Translation TT61, National Research Council of Canada. Ottawa, Canada,
34. Uddin K. Balasubramanium A.S. and Bergado D.T. (1997) engineering behavior of cement – treated Bangkok soft clay. *Geotechnical Engineering (Bangkok)*, 28, No. 1,89-119.