

Publications by Dr D. W. Hight

- 1974**
- 1. D. W. HIGHT (1974)**
Discussion in BGS Symp. on 'Field Instrumentation in Geotechnical Engineering', London, 646.
 - 2. P. A. GREEN and D. W. HIGHT (1974)**
'The failure of two oil-storage tanks caused by differential settlement', BGS Conf. on 'Settlement of Structures', Cambridge, 353-360.
 - 3. D. W. HIGHT (1974)**
Discussion in BGS Conf. on 'Settlement of Structures', Cambridge, 773.
- 1975**
- 4. J. E. COCKSEGE and D. W. HIGHT (1975)**
'Some geotechnical aspects of road design and construction in tills.' Proc. Symp. on 'The Engineering Behaviour of Glacial Materials', University of Birmingham, The Midland Soil Mechanics and Foundation Engineering Society, 220-229.
- 1976**
- 5. D. W. HIGHT and P. A. GREEN (1976)**
'The performance of a piled-raft foundation for a tall building in London.' Proc. 6th European Conf. on Soil Mechanics and Foundation Engineering, Vienna, Vol. 1.2, 467-472.
 - 6. P. A. GREEN and D. W. HIGHT (1976)**
'The instrumentation of Dashwood House, London.' CIRIA Technical Note 78, November, 1-104.
 - 7. P. R. VAUGHAN, M. M. DAVACHI, M. K. EL-GHAMRAWY, M. M. HAMZA and D. W. HIGHT (1976)**
'Stability analysis of large gravity structures.' Proc. 1st Int. Conf. on 'Behaviour of Offshore Structures'. Trondheim, Vol. 1, 467-487.
- 1977**
- 8. D. W. HIGHT (1977)**
Discussion in ASCE J. of Geotechnical Engineering Division, Vol. 103, GT4, 353-354, on 'Earth pressure on precast panel retaining wall' by H. M. Coyle and R. E. Bartoskewitz, 1976, Vol. 102, GT5, 441-456.
 - 9. A. W. BISHOP and D. W. HIGHT (1977)**
'The value of Poisson's Ratio in saturated soils and rocks stressed under undrained conditions.' Géotechnique, Vol. 27, No 3, 369-384.
- 1978**
- 10. D. W. HIGHT and P. A. GREEN (1978)**
'Earthworks.' Ch. 1 in Developments in Highway Pavement Engineering - 2, published by Applied Science Publishers Ltd., Barking, Essex.



- 1979**
- 11. P. R. VAUGHAN, D. W. HIGHT, V. G. SODHA and H. J. WALBANCKE (1979)**
'Factors controlling the stability of clay fills in Britain.' Proc. Conf. on 'Clay Fills', Instn. Civ. Engrs, London, 205-218. (Presented in 1978).
- 12. D. W. HIGHT and D. M. FARRAR (1979)**
Discussion Session: 'Engineering properties and performance of clay fills.' Proc. Conf. on 'Clay Fills'. Instn. Civ. Engrs, London 219-241.
- 13. D. W. HIGHT, M. K. EL-GHAMRAWY and A. GENS (1979)**
'Some results from a laboratory study of a sandy clay and implications regarding its in situ behaviour.' Proc. 2nd Int. Conf. on 'Behaviour of Offshore Structures', London, Vol. 1, 133-150.
- 14. A. GENS and D. W. HIGHT (1979)**
'The laboratory measurement of design parameters for a glacial till.' Proc. 7th European Conf. on Soil Mechanics and Foundation Engineering, Brighton, Vol. 2, 57-65.
- 15. A. GENS and D. W. HIGHT (1979)**
Reply to contribution by A. McGown. Proc. 7th European Conf. on Soil Mechanics and Foundation Engineering, Brighton, Vol. 4, 133-139.
- 16. D. W. HIGHT and A. GENS (1979)**
Contribution to discussion. Proc. 7th European Conf. on Soil Mechanics and Foundation Engineering, Brighton, Vol. 4, 128-129.
- 1980**
- 17. M. TAKAHASHI, D. W. HIGHT and P. R. VAUGHAN (1980)**
'Effective stress changes observed during undrained cyclic triaxial tests on clay.' Proc. Int. Symp. on 'Soils under Cyclic and Transient Loading', Swansea, Vol. 1, 201-209. (Presented in 1979)
- 18. J. F. LUPINI, D. W. HIGHT and S. CAVOUNIDIS (1980)**
'Some observations on microfabric and their role in understanding soil behaviour.' Rivista Italiana de Geotechnica, Vol. 14, No 2, 112-123.
- 1981**
- 19. A. GENS, M. J. SYMES and D. W. HIGHT (1981)**
Discussion in ASCE J. of Geotechnical Engineering Division, Vol. 107, GT5, 702-704, on 'Principal stress rotation: a missing parameter' by J. R. Arthur et al, 1980, Vol. 106, GT4, 419-433.
- 1982**
- 20. D. W. HIGHT, A. GENS, T. M. P. DE CAMPOS and M. TAKAHASHI (1982)**
'Factors influencing the interpretation of in situ strength tests in insensitive low plasticity clays.' Proc. 3rd Int. Conf. on 'Behaviour of Offshore Structures', MIT, Cambridge, Mass., Vol. 2, 438-450.
- 21. M. J. SYMES, D. W. HIGHT and A. GENS (1982)**



'Investigating anisotropy and the effects of principal stress rotation and of the intermediate principal stress using a hollow cylinder apparatus.' IUATM Symp. on 'Deformation and Failure of Granular Materials, Delft', 441-449.

22. H. GRACE and D. W. HIGHT (1982)

'Investigating the use of plastic lateritic and other locally occurring materials as bases for bituminous surfaced low volume roads.' 7th Southeast Asian Geotechnical Conference, Hong Kong, Vol. 1, 777-786.

23. D. W. HIGHT and M. G. H. STEVENS (1982)

'An analysis of the CBR test in saturated clays.' Géotechnique, Vol. 32, No 4, 315-322.

24. D. W. HIGHT (1982)

'A simple piezometer probe for the routine measurement of pore pressure in triaxial tests on saturated soils.' Géotechnique, Vol. 32, No 4, Technical Note, 396-401.

1983 25. D. W. HIGHT (1983)

'Laboratory investigations of sea bed clays.' Ph.D. Thesis, University of London.

***26 (A1). D. W. HIGHT, A. GENS and M. J. SYMES (1983)**

'The development of a new hollow cylinder apparatus for investigating the effects of principal stress rotation in soils.' Géotechnique, Vol. 33, No 4, 355-383.

1984 *27 (A2). M. J. SYMES, A. GENS and D. W. HIGHT (1984)

'Undrained anisotropy and principal stress rotation in saturated sand.' Géotechnique, Vol. 34, No 1, 11-27.

28. S. SHIBUYA, D. W. HIGHT and M. J. SYMES (1984)

Discussion in Soils and Foundations, Vol. 24, No 3, on 'Sand response to cyclic rotation of principal stress directions as induced by wave loads', by K. Ishihara and I. Towhata, Vol. 23, No 4, 11-26.

1985 29. D. W. HIGHT, A. GENS and R. J. JARDINE (1985)

Discussion in Géotechnique, Vol. 35, No. 1, 86-88. 'The reaction of clays to sampling stress relief', by W. M. Kirkpatrick and A. J. Khan, 1984, Vol. 34, No 1, 29-42.

30. D. W. HIGHT, A. GENS and M. J. SYMES (1985)

Reply to discussion on 'The development of a new hollow cylinder apparatus for investigating the effects of principal stress rotation in soils.' Géotechnique, Vol. 35, No1, 82-85.



31. H. GRACE, D. W. HIGHT and D. G. TOLL (1985)

'Some recent work on the use of locally occurring materials as bases for bituminous surfaced low volume roads.' Proc. 1st Int. Conf. Geomechanics Tropical Soils, Brasilia '85, Vol. 2, 295-307.

32. M. J. SYMES, A. GENS and D. W. HIGHT (1985)

Reply to discussion on 'Undrained anisotropy and principal stress rotation in saturated sand.' Géotechnique, Vol. 35, No 1, 82-85.

33. D. W. HIGHT (1985)

'Some developments in geotechnical aspects of highway engineering.' Institution of Highways and Transportation Symp. - Highway Technology '85, Cambridge.

34. D. W. HIGHT, A. GENS and R. J. JARDINE (1985)

'Evaluation of geotechnical parameters from triaxial tests on offshore clay.' Proc. Int. Conf. on 'Offshore Site Investigation'. Society for Underwater Technology, London, 253-268.

35. R. J. JARDINE, D. M. POTTS, D. W. HIGHT and J. B. BURLAND (1985)

'Assessing the safety of offshore piles by displacement monitoring.' Proc. 4th Int. Conf. on 'Behaviour of Offshore Structures', Delft, 611-622.

36. M. J. SYMES, S. SHIBUYA, D. W. HIGHT and A. GENS (1985)

'Liquefaction with cyclic principal stress rotation.' Proc. 11th Int. Conf. on Soil Mechanics and Foundation Engineering, San Francisco, Vol. 4, 1919-1922.

1986

37. D. W. HIGHT (1986)

'Laboratory testing: assessing BS5930.' Proc. 20th Regional Meeting of Engineering Group of Geological Society. University of Surrey. (Presented in 1984). Engineering Geology Special Publication No 2, 43-52.

38. S. SHIBUYA and D. W. HIGHT (1986)

Discussion in Soils and Foundations, Vol. 26, No 4, 160-162. 'Deformation behaviour of anisotropic dense sand and principal stress axes rotation', by K. Miura, S. Miura and S. Toki, Vol. 26, No 1, 36-52.

1987

39. D. G. TOLL, D. W. HIGHT and H. F. SHAW (1987)

'The rôle of soil fabric in determining the engineering behaviour of compacted lateritic and quartzitic gravels.' Presented at 1st International Conf. on Geomorphology, Manchester, 1985. Published in Z. Geomorph. N.F. suppl. - Bd 64, Berlin, 133-144.

40. S. SHIBUYA and D. W. HIGHT (1987)



'Patterns of cyclic principal stress rotation and liquefaction.' Proc. 8th Asian Regional Conf. on Soil Mechanics and Foundation Engineering, Kyoto, Japan, Vol. 1, 265-268.

41. S. SHIBUYA and D. W. HIGHT (1987)

'A bounding surface for granular materials.' Soils and Foundations, Vol. 27, No 4, 123-136.

42. S. SHIBUYA and D. W. HIGHT (1987)

'Pore pressure accumulation under irregular cyclic principal stress rotation.' Discussion. Proc. 8th Asian Regional Conf. on Soil Mech. and Fdn Eng., Kyoto, Japan, Vol. 2, 255.

43. S. SHIBUYA and D. W. HIGHT (1987)

'On the stress path in simple shear.' Géotechnique, Vol. 37, No 4, 511-515.

***44 (A3). E. E. ALONSO, A. GENS and D. W. HIGHT (1987)**

'Special problem soils.' General report. Proc. 9th European Conf. on Soil Mechanics and Foundation Engineering, Dublin, Vol. 3, 1087-1146.

45. J. N. HUTCHINSON and D. W. HIGHT (1987)

'Strongly folded structures associated with permafrost degradation and periglacial solifluction at Lyme Regis, Dorset.' Periglacial processes and landforms in Britain and Ireland. 245-256. Ed. J. Boardman. Cambridge University Press.

46. D. W. HIGHT, R. J. JARDINE and A. GENS (1987)

'The behaviour of soft clays.' Embankments on soft clays. Public Works Research Centre, Athens, Ch. 2, 33-158.

47. R. J. JARDINE and D. W. HIGHT (1987)

'The behaviour and analysis of embankments on soft clay.' Embankments on soft clays. Public Works Research Centre, Athens, Ch. 3, 159-244.

48. R. J. JARDINE and D. W. HIGHT (1987)

'Laboratory and field techniques for obtaining design parameters.' Embankments on soft clays. Public Works Research Centre, Athens, Ch. 4, 245-296.

1988

49. G. BALDI, D. W. HIGHT and G. E. THOMAS (1988)

'A re-evaluation of conventional triaxial test methods.' State_of-the-Art Paper for ASTM Symposium on Advanced Triaxial Testing of Soil and Rock, Louisville, Kentucky, ASTM STP 977, 219-263. (Presented in 1986).

50. D. W. HIGHT and J. B. BURLAND (1988)



GEOTECHNICAL CONSULTING GROUP

52A Cromwell Road London SW7 5BE United Kingdom
Tel: +44 (0)20-7581-8348 Fax: +44 (0)20-7584-0157 Email:admin@gcg.co.uk

'Review of Soil Sampling and Laboratory Testing.' Science and Engineering Research Council Report.

51. D. W. HIGHT, D. G. TOLL and H. GRACE (1988)

'Naturally occurring gravels for road construction.' Proc. 2nd Int. Conf. on Geomechanics in Tropical Soils, Singapore, Vol. 1, 405-412.

52. D. W. HIGHT, S. SHIBUYA and M. J. SYMES (1988)

Discussion to 6th Géotechnique Symposium in Print. 'The engineering application of direct and simple shear testing.' Géotechnique, Vol. 38, No 1, 139-140.

53. M. J. SYMES, A. GENS and D. W. HIGHT (1988)

'Drained principal stress rotation in saturated sand.' Géotechnique, Vol. 38, No 1, 59-81.

54. D. W. HIGHT, D. M. POTTS and T. I. TJELTA (1988)

'Finite element analyses of a deep skirted gravity base.' Proc. Int. Conf. on 'Behaviour of Offshore Structures', Trondheim, Vol. 1, 209-226.

55. R. J. JARDINE, D. W. HIGHT and W. McINTOSH (1988)

'Hutton tension leg platform foundations: measurement of pile group axial load-displacement relations.' Géotechnique, Vol. 38, No 2, 219-230.

1989

56. S. SHIBUYA and D. W. HIGHT (1989)

'Predictions of pore pressure under undrained cyclic principal stress rotation.' Proc. 12th Int. Conf. on Soil Mechanics and Foundation Engineering, Rio de Janeiro, Vol. 1, 123-126.

57. S. SHIBUYA and D. W. HIGHT (1989)

'Effects of initial anisotropy and intermediate principal stress on undrained behaviour of loose sand - isotropic consolidation.' Proc. 23rd Annual Meeting of Japanese Soc. Soil Mech. and Fdn Eng. (in Japanese).

58. M. J. SYMES, A. GENS and D. W. HIGHT (1989)

Reply to discussion on 'Drained principal stress rotation in saturated sand.'
Géotechnique, Vol. 39, No 3, 549-552.

1990

59. D. M. FINLAYSON and D. W. HIGHT (1990)

'The Ballymoney Lignite Development: hydrogeological and geotechnical studies.' Proc. 6th Conf. on Extractive Industry Geology, Birmingham, editors J. W. Gaskarth and A. C. Lumsden, 1-20. (Presented in 1989).

***60 (A4). V. N. GEORGIANNOU, J. B. BURLAND and D. W. HIGHT (1990)**



GEOTECHNICAL CONSULTING GROUP

52A Cromwell Road London SW7 5BE United Kingdom
Tel: +44 (0)20-7581-8348 Fax: +44 (0)20-7584-0157 Email: admin@gcg.co.uk

'The undrained behaviour of clayey sands in triaxial compression and extension.' *Géotechnique*, Vol. 40, No 3, 431-449.

1991

61. S. SHIBUYA, M. J. SYMES and D. W. HIGHT (1991)

'End restraint on the strength of a sand in triaxial tests.' Symposium on Triaxial Testing of Soils, Japanese Soc. SMFE, at IIS, University of Tokyo.

***62 (A5). D. W. HIGHT and S. SHIBUYA (1991)**

'Undrained stability of offshore gravity structures.' Proc. Int. Conf. on Geotechnical Engineering for Coastal Development. Geo-coast '91, Yokohama, Japan, Vol. 1, 561-566.

63. R. J. JARDINE, D. W. HIGHT, H. D. ST JOHN and D. M. POTTS (1991)

'Some practical applications of a non-linear ground model.' Proc. 10th European Conf. on Soil Mechanics and Foundation Engineering, Florence, Vol. 1, 223-228.

64. V. N. GEORGIANNOU, D. W. HIGHT and J. B. BURLAND (1991)

'Undrained behaviour of natural and model clayey sands.' *Soils and Foundations*, Vol. 31, No 3, 17-29.

65. V. N. GEORGIANNOU, D. W. HIGHT and J. B. BURLAND (1991)

'Behaviour of clayey sands under undrained cyclic triaxial loading.' *Géotechnique*., Vol. 41, No 3, 383-393.

66. S. SHIBUYA and D. W. HIGHT (1991)

'Liquefaction Line - a new concept for initiation of liquefaction of soil.' Proc. Int. Conf. on Geotechnical Engineering for Coastal Development. Geo-Coast '91, Yokohama. Discussion to Session 5, Vol. 2, 1115.

67. T. P. GOSTELOW, R. J. O HAMBLIN, D. I. HARRIS and D. W. HIGHT (1991)

'The influence of Late and Post Glacial slope development on the engineering geology of Wenlock Shale, near Ironbridge, Salop.' Proc. 25th Annual Conf. of Engineering Group of Geological Society, Edinburgh. (Presented in 1989). Engineering Geology Special Publication No. 7, 349-360.

1992

68. A. BRACEGIRDLE, P. R. VAUGHAN and D. W. HIGHT (1992)

'Displacement prediction using rate effects on residual shear strength.' Proc. 6th Int. Symp. on Landslides, Christchurch, New Zealand, Vol. 1, 343-347.

69. D. W. HIGHT, R. BÖESE, A. P. BUTCHER, C. R. I. CLAYTON and P. R. SMITH (1992).

'Disturbance of the Bothkennar clay prior to laboratory testing.' *Géotechnique*, Vol. 42, No 2, 199-217.



70. C. R. I. CLAYTON, D. W. HIGHT and R. J. HOPPER (1992)
'Progressive destructuring of Bothkennar clay: implications for sampling and reconsolidation procedures.' Géotechnique, Vol. 42, No 2, 219-239.

71. P. R. SMITH, R. J. JARDINE and D. W. HIGHT (1992)
'On the yielding of Bothkennar clay.' Géotechnique, Vol. 42, No 2, 257-274.

72. S. LEROUEIL, P. LERAT, D. W. HIGHT and J. J. M. POWELL (1992)
'Hydraulic conductivity of a recent estuarine silty clay at Bothkennar.' Géotechnique, Vol. 42, No 2, 275-288.

***73 (A6). D. W. HIGHT, A. J. BOND and J. D. LEGGE (1992)**
'Characterization of the Bothkennar clay: an overview.' Géotechnique, Vol. 42, No 2, 303-347. Awarded the British Geotechnical Society Prize.

74. D. W. HIGHT (1992)
'Characterization of the Bothkennar clay: implications for site investigation practice.' Géotechnique, Vol. 42, No 2, 377-378.

75. G. T. DOUNIAS, D. M. POTTS and D. W. HIGHT (1992)
'Influence of loading conditions and sample size in the direct shear test.' Proc. 2nd Pan Hellenic Geotech. Conf. (In Greek).

76. V. N. GEORGIANNOU and D. W. HIGHT (1992)
'Comparison between sand data from the direct shear box and the hollow cylinder apparatus.' Proc. 2nd Pan Hellenic Geotech. Conf. (In Greek).

77. R. J. MAIR, D. W. HIGHT and D. M. POTTS (1992)
'Finite element analyses of settlements above a tunnel in soft ground.' Transport and Road Research Laboratory. Contractor Report 265, 63pp.

1993 **78. D. W. HIGHT, A. R. PICKLES, E. K. DE MOOR, K. G. HIGGINS, R. J. JARDINE, D. M. POTTS and Z. M. NYIRENDA (1993)**
'Predicted and measured tunnel distortions associated with construction of Waterloo International Terminal.' Proc. Wroth Memorial Symp., Oxford, 317-338. (Presented in 1992).

79. R. J. JARDINE, H. GRACE, O. OYEWUMNI, E. ARMAH and D. W. HIGHT (1993)
'The behaviour of a laterite fill subjected to drying and wetting, including the effects of crack filling.' Conf. on 'Engineered Fills 93', Newcastle upon Tyne.

80. D. W. HIGHT (1993)



'A review of sampling effects in clays and sands.' Proc. Int. Conf. on Offshore Site Investigation and Foundation Behaviour, Society for Underwater Technology, 115-146. (Presented in 1992).

81. D. I. HARRIS, D. M. POTTS, K. BRADY, D. W. HIGHT and K. G. HIGGINS (1993)

'Finite element analysis of anchored earth retaining walls.' Proc. International Conference on Retaining Structures, Cambridge, 599-608. (Presented in 1992).

82. D. W. HIGHT and R. J. JARDINE (1993)

'Small-strain stiffness and strength characteristics of hard London Tertiary clays.' Proc. Int. Symp. on Hard Soils-Soft Rocks, Athens, Vol. 1, 533-552.

83. V. N. GEORGIANNOU, D. W. HIGHT and J. B. BURLAND (1993)

'The behaviour of two hard clays in direct shear.' Proc. Int. Symp. on Hard Soils-Soft Rocks, Athens, Vol. 1, 501-507.

1994 84. V. N. GEORGIANNOU and D. W. HIGHT (1994)

'The effects of centre-line tube sampling strains on the undrained behaviour of two stiff overconsolidated clays.' ASTM Geotechnical Testing Journal, 17, 4, 475-487.

85. D. W. HIGHT (1994)

'Deformation of deep excavations in stiff soil and weak rock.' Proc. 13th Int. Conf. Soil Mech. Fdn Engng, New Delhi, India, Vol. 5, 115-116. Panel Report.

86. D. W. HIGHT, V. N. GEORGIANNOU and C. J. FORD (1994)

'Characterisation of clayey sands.' Proc. 7th Int. Conf. on Behaviour of Offshore Structures, Boston, Vol. 1, 321-340.

***87 (A7). D. W. HIGHT and K. G. HIGGINS (1994)**

'An approach to the prediction of ground movements in engineering practice: background and application.' Keynote Lecture. Int. Symp. on Pre-Failure Deformation Characteristics of Geomaterials, IS-Hokkaido, Vol. 2, 909-945.

88. R. J. MAIR and D. W. HIGHT (1994)

'Compensation Grouting.' World Tunnelling, November, 361-367.

1995 89. D. W. HIGHT and V. N. GEORGIANNOU (1995)

'Effects of sampling on the undrained behaviour of clayey sands.' Géotechnique, Vol. 45, No 2, 237-247.



- 1996**
- 90. P. D. DAVIS, P. J. L ELDRED, J. D. BENNELL, D. W. HIGHT and M.S. KING (1996)**
 'Site investigation for seismically designed structures.' Int. Conf. on Advances in Site Investigation Practice, London, 715-726.
- 91. K. G. HIGGINS, D. W. HIGHT, D. M. POTTS and R. J. MAIR (1996)**
 Discussion: 'Comments on the use of non-linear elastic stiffness.' Proc. Int. Symp. on Geotechnical Aspects of Underground Construction in Soft Ground, London, 633-634.
- 92. D. W. HIGHT (1996)**
 Moderator's Report to Session III: 'Drilling, boring, sampling and description.' Proc. Int. Conf. on Advances in Site Investigation Practice, London, 337-360. (Presented in 1995).
- 93. D. W. HIGHT, D. M. LAWRENCE, G. B. FARQUHAR, G. W. E. MILLIGAN, S. S. GUE and D. M. POTTS (1996)**
 'Evidence for scale effects in the end bearing capacity of open-ended piles in sand.' Offshore Technology Conference, Houston. OTC 7975, 181-192.
- 1997**
- *94 (A8). D. W. HIGHT (1997)**
 'The volume change characteristics of compacted clays on wetting up and their influence on the performance of a motorway pavement.' Proc. Symp. on Civil Engineering and the Environment, King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia, 401-413.
- 95. D. W. HIGHT, J. D. BENNELL, B. CHANA, P. D. DAVIS, R. J. JARDINE and E. POROVIC (1997)**
 'Wave velocity and stiffness measurements of the Crag and Lower London Tertiaries at Sizewell.' Géotechnique, Vol. 47, No 3, 451-474.
- 96. R. A. DAY, D. W. HIGHT and D. M. POTTS (1998)**
 'Finite element analysis of construction stability of Thika Dam.' Computers and Geotechnics, 23, 205-219.
- *97 (A9). D. W. HIGHT (1998)**
 'Anisotropy in soils - its measurement and practical implications.' 2nd GRC Lecture, Nanyang Technological University, Singapore. 27pp.
- 1999**
- *98 (A10). D. W. HIGHT, V. N. GEORGIANNOU, P. L. MARTIN and A. K. MUNDEGAR (1999)**
 'Flow slides in micaceous sands.' Proc. Int. Symp. on Problematic Soils, IS-Tohoku '98, Sendai, Japan, Vol. 2, 945-957.
- 2000**
- 99. D. W. HIGHT (2000)**



'Sampling effects in soft clay: an update.' Proc. of The Fourth Geotechnical Engineering Conference, Cairo, Egypt. Invited Lecture, 41pp.

100. D. W. HIGHT (2000)

'Soil characterisation: the importance of structure and anisotropy.' 38th Rankine Lecture. To be published in Géotechnique.

101. D. W. HIGHT (2000)

'Sampling methods: evaluation of disturbance and new practical techniques for high quality sampling in soils.' Keynote Lecture. Proc. 7th National Congress of the Portuguese Geotechnical Society, Porto, Vol.3, 1275-1309.

2001

102. R. A. DAY, D. W. HIGHT and D. M. POTTS (2001)

'Coupled pore pressure and stability analysis of embankment dam construction.' APCOM '01.

103. W. K. LEONG, J. CHU and D. W. HIGHT (2001)

'Slip failures in granular slopes: some observations from model tests.' 14th Southeast Asian Geotechnical Conference, Hong Kong.

104. D. W. HIGHT (2001)

'Testing and property characterisation of geomaterials.' Theme Lecture, 15th Int. Conf. Soil Mech. Fdn Engng, Istanbul.(Unpublished).

***105 (A11). D. W. HIGHT (2001)**

'Sampling effects in soft clays: an update on Ladd and Lambe (1963).' ASCE Geotechnical Special Publication No 119 'Soil Behaviour and Soft Ground Construction', 86-121.

106. K.G. HIGGINS and D.W. HIGHT (2001)

'The behaviour of engineering structures: prediction and performance.' Pre-failure Deformation Characteristics of Geomaterials, 1387-1395.

2002

***107 (A15). L. ZDRAVKOVIC, D.M. POTTS and D.W. HIGHT (2002)**

'The effect of strength anisotropy on the behaviour of embankments on soft ground.' Géotechnique, Vol. 52, No 6, 447-457. Awarded Telford Gold Medal, Institution of Civil Engineers.

***108 (A13). S. LEROUEIL and D.W. HIGHT (2002)**

'Behaviour and properties of natural soils and soft rocks.' Int. Workshop on Characterisation and Engineering Properties of Natural Soils, Tan et al (eds), Vol.1, 29-254.

***109 (A14). D.W. HIGHT and S. LEROUEIL (2002)**



GEOTECHNICAL CONSULTING GROUP

52A Cromwell Road London SW7 5BE United Kingdom
Tel: +44 (0)20-7581-8348 Fax: +44 (0)20-7584-0157 Email:admin@gcg.co.uk

Page 11 of 14

'Characterisation of soils for engineering purposes.' Int. Workshop on Characterisation and Engineering Properties of Natural Soils, Tan et al (eds), Vol.1, 255-360.

110. D.W. HIGHT, M.A. PAUL, B.F. BARRAS, J.J.M. POWELL, D.F.T. NASH, P.R. SMITH, R.J. JARDINE and D.H. EDWARDS (2002)

'The characterisation of the Bothkennar Clay.' Int. Workshop on Characterisation and Engineering Properties of Natural Soils, Tan et al (eds), Vol.1, 543-597.

111. D.W. HIGHT, F. McMILLAN, J.J.M. POWELL, R.J. JARDINE and C.P. ALLENOU (2002)

'Some characteristics of London Clay.' Int. Workshop on Characterisation and Engineering Properties of Natural Soils, Tan et al (eds), Vol.2, 851-908.

***112 (A12). D. W. HIGHT, M. M. HAMZA, and A. S. EL SAYED (2002)**

'Engineering characterisation of the Nile Delta Clays.' Proc. Conf. IS Yokohama, Vol. 2, 149-162. (Presented in 2000).

2003

113. S. SHIBUYA, D.W. HIGHT and R.J. JARDINE (2003)

'Four dimensional local boundary surfaces of an isotropically consolidated loose sand.' Soils and Foundations, Vol. 43, No 2, 89-103.

114. S. SHIBUYA, D.W. HIGHT and R.J. JARDINE (2003)

'Local boundary surfaces of a loose sand dependent on consolidation path.' Soils and Foundations, Vol. 43, No 3, 85-93.

115. N. KOVACEVIC, D.W. HIGHT and D.M. POTTS (2003)

'A comparison between observed and predicted behaviour of a deep excavation in soft Bangkok clay.' Proc. 3rd Int. Conf. Deformation Characteristics of Geomaterials, Lyon, France, Vol. 1, 983-989.

2004

116. N. KOVACEVIC, D.W. HIGHT and D.M. POTTS (2004)

'Temporary slope stability in London Clay-back analyses of two case histories.'

Advances in Geotechnical Engineering. The Skempton Conference. Thomas Telford, London, Vol. 2, 842-855

***117 (A16). R.J. JARDINE, A. GENS, D.W. HIGHT and M.R.COOP (2004)**

'Developments in understanding soil behaviour.'

Advances in Geotechnical Engineering. The Skempton Conference. Thomas Telford, London, Vol. 1 103-206.

118. Q. NI, T.S. TAN, G.R.DASARI and D.W.HIGHT (2004)

'Contribution of fines to the compressive strength of mixed soils.' Géotechnique, 54, 9, 561-569.



GEOTECHNICAL CONSULTING GROUP

52A Cromwell Road London SW7 5BE United Kingdom
Tel: +44 (0)20-7581-8348 Fax: +44 (0)20-7584-0157 Email:admin@gcg.co.uk

Page 12 of 14

- 119. D.W. HIGHT, R.A. ELLISON and D.P. PAGE (2004)**
 'Engineering in the Lambeth Group.'
 CIRIA Report C583, 1-210.
- 2006** **120. C.R.I. CLAYTON and D.W. HIGHT (2006)**
 'Laboratory testing of natural soils: some factors affecting performance.'
 Int. Workshop on Characterisation and Engineering Properties of Natural
 Soils, Tan et al (eds), Vol.3, 1535-1599.
- 2007** ***121 (A17). D.W. HIGHT, A. GASPARRE, S. NISHIMURA, N.A. MINH,
 R.J. JARDINE and M.R. COOP (2007)**
 'Characteristics of the London Clay from the Terminal 5 site at Heathrow
 Airport.' Géotechnique, Vol. 57, No 1, 3-18. Awarded Geotechnical
 Research Medal, 2008, Institution of Civil Engineers.
- *122 (A18). N. KOVACEVIC, D.W. HIGHT and D.M. POTTS (2007)**
 'Predicting the stand-up time of temporary London Clay slopes at
 Terminal 5, Heathrow Airport.' Géotechnique, Vol. 57, No 1, 63-74.
- 2010** ***123 (A19). D.W.HIGHT (2010)**
 'Comments on the foreseeability of some geotechnical failures.' Proc. XV
 Brazilian Cong. for Soil Mechanics and Geotechnical Engineering,
 Gramado, Brazil. Workshop on Safety and Risk, 1-22.
- 2011** **124. D.M. POTTS, N. KOVACEVIC and D.W.HIGHT (2011)**
 'Predicting the stability of large excavations at Heathrow Terminal 5.'
 Symposium 'Computational Methods in Geomechanics', Salzburg,
 Austria, 46-52.
- 2013** ***125 (A20). S. LEROUEIL and D.W. HIGHT (2013)**
 'Compacted soils: from physics to hydraulic and mechanical behaviour.'
 Proc. First Pan-American Conf. on Unsaturated Soils, Cartagena-de-
 Indias, Colombia, 41-59.
- 126. R.B. STORRY, R.M.PINA, A. HOCHART and D.W. HIGHT (2013)**
 'Ground Investigation Challenges at the Port of Miami Tunnel Project,
 Miami, Florida, USA.' Rapid Excavation and Tunnelling Conference,
 Washington D.C.
- 127. N. KOVACEVIC, D.W. HIGHT, D.M. POTTS and I.C. CARTER
 (2013)**
 'Finite-element analysis of the failure and reconstruction of the main dam
 embankment at Abberton Reservoir, Essex, UK.'
 Géotechnique, Vol. 63, No 9, 753-767.
- 128. D.W. HIGHT (2013)**



'Assessing sample quality prior to laboratory testing.' Proc. 15th Euro.Conf. SM. and Geo.Eng. Geotechnics of Hard Soils-Weak Rocks (Part 4), 285-287.

2014 **129. A. GASPARRE, D.W. HIGHT, R.J. JARDINE and M.R. COOP (2014)**
'The laboratory measurement and interpretation of the small strain stiffness of stiff clays.' Géotechnique, Vol. 64, No 12, 942-953. Awarded the British Geotechnical Association Prize.

2015 **130. S. LEROUEIL, D.W. HIGHT and A.R. CABRAL (2015)**
'Practical implications of gas-water interactions in soils.' Proc. 15th Pan American Conf. SM and Geo Eng. Keynote

131. C.O.MENKITI , J.A. DAVIS, K. SEMERTZIDOU, C.O.R. ABBIREDDY, D. W HIGHT, J. D. WILLIAMS and M. BLACK (2015)
'The geology and geotechnical properties of the Thanet Sand Formation – an update from the Crossrail Project.' Proc.16th Euro.Conf. SM. and Geo.Eng.

