Geotechnical Testing Journal
Subject Index
Volume 17, 1994

A
Absorption
Geo-environmental assessment of a micaceous soil for its potential use as an engineered clay barrier (Mohamed, AMO, Yong, RN, Tan, BK, Farkas, A, and Curtis LW), Sept., 291
Test procedures to evaluate absorption and swelling of grout (Krizek, RJ and Borden, RH), Dec., 512
Acrylate grout
Test procedures to evaluate absorption and swelling of grout (Krizek, RJ and Borden, RH), Dec., 512
Anisotropy
Study of an anisotropically overconsolidated silt by the resonant column method (Macari, EJ and Ko, H-Y), Sept., 315
Arid soils
Suggested modifications to ASTM standard methods when testing arid, saline soils (Al-Amoudi, OSB and Abduljauwad, SN), June, 243
Automation
Time-dependent triaxial relaxation behavior of a resedimented clay (Sheahan, TC, Ladd, CC, and Germaine, JT), Dec., 444
Use of fuzzy control in automated soil testing (Huang, A-B, Hsu, S-P, and Kuhr, H-R), Sept., 356

B
B-value
Discussion of “B-value measurements for granular materials at high confining pressures,” by Jerry A. Yamamura and Poul V. Lade (Charlie, WA, Veyera, GE, and Doehring, DO), March, 119
Bearing capacities
Method for interpretation of plate load test results (Reznik, YM), March, 72
Bitumens
Laboratory investigation on bitumen coating and polyethylene sheathing for down drag reduction in piles: a comparative study (Tawfiq, KS), June, 171
Book review
Introduction to Mineral Sciences by Putnis (Robertson, EC), June, 266
Boreholes
Deformability of rock-like materials using a sharp cone test (Leite, MH, Ladanyi, B, and Gill, DE), June, 195
Cement grout
Effect of preparation technique on permeability and strength of cement-grouted sand (Schwarz, LG and Krizek, RJ), Dec., 434
Cemented sand
Compressibility characteristics of gypseous sandy soils (AlNouri, I and Sakleam, S), Dec., 465
Cemented soil
Discussion on “behavior of fiber-reinforced cemented sand under static and cyclic loads” by M. H. Maher and Y. C. Ho (Ling, HI), June, 254
Centrifuge
Centrifuge modeling of laterally loaded pile groups in sands (McVay, M, Bloomquist, D, Vanderlinde, D, and Clausen, J), June, 129
Clay-sand mixture
Shear strength of very soft clay-sand mixtures (Tan, T-S, Goh, T-C, Karunaratne, GP, and Lee, S-L), March, 27
Clayey soils
Approximate method for estimating the consolidation behavior of soft sensitive clays (Joshi, RC, Achari, G, and Griffiths, FJ), March, 50
Effect of short duration of load increment on the compressibility of soils (Sridharan, A, Sivapullaiah, PV, and Stalin, VK), Dec., 489
Image analysis method for studying movements in granular and solid bodies (Gustafsson, L and Knutsson, S), March, 95
Shear strength of very soft clay-sand mixtures (Tan, T-S, Goh, T-C, Karunaratne, GP, and Lee, S-L), March, 27
Time-dependent triaxial relaxation behavior of a resedimented clay (Sheahan, TC, Ladd, CC, and Germaine, JT), Dec., 444
Water content relationships of a sensitive clay subjected to cycles of capillary pressures (Silverstii, V), March, 57
Compacted soils
Expansion potential of compacted fine-grained soils using suction measurements (Garbulewski, K, Zakowicz, S, and Al-Helo, IK), Dec., 506
Compaction
Compaction control of earth-rock mixtures: a new approach (Torrey, VH, III and Donaghe, RT), Sept., 371
Compaction test method for soil-rock mixtures in which equipment size effects are minimized (Donaghe, RT and Torrey, VH, III), Sept., 363
Engineering properties of tire chips and soil mixtures (Edil, TB and Bosscher, PJ), Dec., 453
Proposed new standard test method for laboratory compaction testing of soil-rock mixtures using standard effort (Donaghe, RT and Torrey, VH, III), Sept., 387
Compressibilities
Compressibility characteristics of gypseous sandy soils (AlNouri, I and Sakleam, S), Dec., 465
Effect of short duration of load increment on the compressibility of soils (Sridharan, A, Sivapullaiah, PV, and Stalin, VK), Dec., 489
Compressibility testing
Suggested modifications to ASTM standard methods when testing arid, saline soils (Al-Amoudi, OSB and Abduljauwad, SN), June, 243
Compression
Measurements of elastic properties of geo-
Compression (Cont.)
materials in laboratory compression tests (Tatsuoka, F, Sato, T, Park, C-S, Kim, Y-S, Mukabi, JN, and Kohata, Y), March, 80

Compression index
Compressibility of contaminated fine-grained soils (Meegoda, NJ and Ratnaweera, P), March, 101

Concrete
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part I—Numerical studies (Lin, J-M and Sansalone, M), June, 207
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part II—Experimental studies (Lin, J-M and Sansalone, M), June, 220
New combined servo-controlled loading frame/direct-shear apparatus for the study of concrete or rock joint behavior under different boundary and loading conditions (Mouchaorab, KS and Benmokrane, B), June, 233

Consolidated-undrained tests
Time-dependent triaxial relaxation behavior of a regraded clay (Sheahan, TC, Ladd, CC, and Germaine, JT), Dec., 444

Consolidation
Approximate method for estimating the consolidation behavior of soft sensitive clays (Joshi, RC, Achari, G, and Griffiths, FJ), March, 50
Effect of short duration of load increment on the compressibility of soils (Sridharan, A, Sivapullaiah, PV, and Stalín, VK), Dec., 489
Improved velocity method for the determination of coefficient of consolidation (Pandian, NS, Sridharan, A, and Kumar, KS), March, 113
Suggested modifications to ASTM standard methods when testing arid, saline soils (Al-Amoudi, OSB and Abduljauwad, SN), June, 243
Use of fuzzy control in automated soil testing (Huang, A-B, Hsu, S-P, and Kuhl, H-R), Sept., 356

Contaminated soils
Compressibility of contaminated fine-grained soils (Meegoda, NJ and Ratnaweera, P), March, 101

Contamination
Compressibility of contaminated fine-grained soils (Meegoda, NJ and Ratnaweera, P), March, 101

Core description
Development and potential of core-logging manuals (Ettensohn), Sept., 393

D

Deformability parameters
Deformability of rock-like materials using a sharp cone test (Leite, MH, Ladanyi, B, and Gill, DE), June, 195

Deformation
Method for interpretation of plate load test results (Reznik, YM), March, 72

Deformation modulus
Method for interpretation of plate load test results (Reznik, YM), March, 72

Desorption
Geo-environmental assessment of a micaceous soil for its potential use as an engineered clay barrier (Mohamed, AMO, Yong, RN, Tan, BK, Farkas, A, and Curtis LW), Sept., 291

Diamond-core drilling
Development and potential of core-logging manuals (Ettensohn), Sept., 393

Direct shear testing
New combined servo-controlled loading frame/direct-shear apparatus for the study of concrete or rock joint behavior under different boundary and loading conditions (Mouchaorab, KS and Benmokrane, B), June, 233

Displacements
Image analysis method for studying movements in granular and solid bodies (Gustafsson, L and Knutsson, S), March, 95

Downdrag forces
Laboratory investigation on bitumen coating and polyethylene sheeting for downdrag reduction in piles: a comparative study (Tawfiq, KS), June, 171

DRAINage
Improved velocity method for the determination of coefficient of consolidation (Pandian, NS, Sridharan, A, and Kumar, KS), March, 113

Drilled shafts
Evaluation of static capacity of deep foundations from statnamic testing (Brown, DA), Dec., 403

Dynamic properties
General dynamic model for the resonant column/quasi-static torsional shear apparatus (Ashmawy, AK and Drnević, VP), Sept., 337

E

Editorial
Expanded scope = expanded opportunities = expanded service (Pinicus, HJ), March, 123

Elastic properties
Measurements of elastic properties of geomaterials in laboratory compression tests (Tatsuoka, F, Sato, T, Park, C-S, Kim, Y-S, Mukabi, JN, and Kohata, Y), March, 80

Method for interpretation of plate load test results (Reznik, YM), March, 72

Expansive soils
Expansion potential of compacted fine-grained soils using suction measurements (Garbuliewski, K, Zakowicz, S, and Al-Helo, IK), Dec., 506
Moisture increase in expansive soils at developed sites (Sikh, TS), Dec., 517

F

Fiber-reinforced soil
Discussion on "behavior of fiber-reinforced cemented sand under static and cyclic loads" by M. H. Maher and Y. C. Ho (Ling, HI), June, 254

Field tests
Monitoring system for hydrologic evaluation of landfill covers (Benson, CH, Bossscher, PJ, Lane, DT, and Pliska, RJ), June, 138
Prediction models of resilient modulus for nongranular materials (Pezo, R and Hudson, WR), Sept., 349

Filtration
Critical evaluation of the gradient ratio test (Fannin, RJ, Vaid, YP, and Shi, Y), March, 35

Flow
Image analysis method for studying movements in granular and solid bodies (Gustafsson, L and Knutsson, S), March, 95

Foundation failures
Image analysis method for studying movements in granular and solid bodies (Gustafsson, L and Knutsson, S), March, 95

Foundations
Physical modeling of drilled shaft side resistance in sand (Turner JP and Kulhawy, FH), June, 282

Friction
Laboratory investigation on bitumen coating and polyethylene sheeting for downdrag reduction in piles: a comparative study (Tawfiq, KS), June, 171

Fuzzy control
Use of fuzzy control in automated soil test-
ing (Huang, A-B, Hsu, S-P, and Kuhr, H-R), Sept., 356

G

Geocomposites
In-plane flow of four geosynthetics for landfill drainage (Campbell, RP and Wu, JTH), March, 3

Geomaterials
Measurements of elastic properties of geomaterials in laboratory compression tests (Tatsuoka, F, Sato, T, Park, C-S, Kim, Y-S, Mukabi, JN, and Kohata, Y), March, 80

Geomembranes
Strain measurement in HDPE geomembrane tensile tests (Giroud, JP, Monroe, M, and Charron, R), March, 65

Geosynthetics
In-plane flow of four geosynthetics for landfill drainage (Campbell, RP and Wu, JTH), March, 3

Geosnythetics
In-plane flow of four geosynthetics for landfill drainage (Campbell, RP and Wu, JTH), March, 3

Geotextiles
Critical evaluation of the gradient ratio test (Fannin, RJ, Vaid, YP, and Shi, Y), March, 35

Gradients
Critical evaluation of the gradient ratio test (Fannin, RJ, Vaid, YP, and Shi, Y), March, 35

Grouting
Cyclic undrained behavior and liquefaction potential of sand treated with chemical grouts and microfine cement (MC-500) (Maher, MH, Ro, KS, and Welsh, JP), June, 159

Gypseous soil
Compressibility characteristics of gypseous sandy soils (AlNouri, I and Sakleam, S), Dec., 465

H-I

Hydraulic conductivity
Design and evaluation of a flow pump system for column testing (Redmond, PL and Shackelford, CD), June, 269

Hydraulic mean radius
Effects of particle shape and surface roughness on the hydraulic mean radius of a porous medium consisting of quarried rock (Sabin, GCW and Hansen, D), March, 43

Impact-echo response
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part I--Numerical studies (Lin, J-M and Sansalone, M), June, 207
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part II--Experimental studies (Lin, J-M and Sansalone, M), June, 220

Instrumentation
Monitoring system for hydrologic evaluation of landfill covers (Benson, CH, Bosscher, PJ, Lane, DT, and Pliska, RJ), June, 138

Laboratory equipment
Multiple purpose soil testing apparatus (Huang, A-B, Hsu, S-P, and Kuhn, H-R), June, 227

Laboratory tests
Compaction test method for soil-rock mixtures in which equipment size effects are minimized (Donaghe, RT and Torrey, VH, III), Sept., 363
Investigation of the strain-softening behavior of granular soils with a new multiaxial cell (Lo, R, Chu, J, and Lee, IK), Sept., 325

Landfills
Monitoring system for hydrologic evaluation of landfill covers (Benson, CH, Bosscher, PJ, Lane, DT, and Pliska, RJ), June, 138

Lateral loads
Determination of P-Y curves using inclinometer data (Brown, DA, Hidden, SA, and Zhang, S), June, 150

Linear variable differential transformer
Instrumentation for a weigh in motion system using pavement strain (Marsh, JG and Jewell, RJ), Dec., 498

Liquefaction
Cyclic undrained behavior and liquefaction potential of sand treated with chemical grouts and microfine cement (MC-500) (Maher, MH, Ro, KS, and Welsh, JP), June, 159

Logging manuals and codes
Development and potential of core-logging manuals (Ettensohn), Sept., 393

Load pile tests
Evaluation of static capacity of deep foundations from statnamic testing (Brown, DA), Dec., 403

M

Matric suction sensor
Numerical modeling of a thermal conductivity matric suction sensor (Xing, A and Fredlund, DG), Dec., 415

Micaceous soil
Geo-environmental assessment of a micaceous soil for its potential use as an engineered clay barrier (Mohamed, AMO, Yong, RN, Tan, BK, Farkas, A, and Curtis LW), Sept., 291

Model test
Centrifuge modeling of laterally loaded pile groups in sands (McVay, M, Bloomquist, D, Vanderlinde, D, and Clausen, J), June, 129
Physical modeling of drilled shaft side resistance in sand (Turner JP and Kulhawy, FH), June, 282
Prediction models of resilient modulus for nongranular materials (Pezo, R and Hudson, WR), Sept., 349

Moisture
Moisture increase in expansive soils at developed sites (Sikh, TS), Dec., 517

N-O

Numerical modeling
Numerical modeling of a thermal conductivity matric suction sensor (Xing, A and Fredlund, DG), Dec., 415

Optical techniques
Development of a transparent material to model the geotechnical properties of soils (Iskander, MG, Lai, J, Oswald, CJ, and Mannheimer, RJ), Dec., 425

Overconsolidation
Study of an anisotropically overconsolidated silt by the resonant column method (Macari, EJ and Ko, H-Y), Sept., 315

P

Pavements
Prediction models of resilient modulus for
Pavements (Cont.)
nongranular materials (Pezo, R and Hudson, WR), Sept., 349

Permeability
Critical evaluation of the gradient ratio test (Fannin, RJ, Vaid, YP, and Shi, Y), March, 35
Design and evaluation of a flow pump system for column testing (Redmond, PL and Shackelford, CD), June, 269

Pile-bearing capacities
Discussion on “the simple pile load test (SPLIT)” by Myung Whan Lee, Se Whan Paik, Won Jea Lee, Chang Tok Yi, Dae Young Kim, and Sung Jin Yoon (Schmertmann, JH), March, 122

Pile foundations
Centrifuge modeling of laterally loaded pile groups in sands (McVay, M, Bloomquist, D, Vanderlinde, D, and Clausen, J), June, 129
Determination of P-Y curves using inclinometer data (Brown, DA, Hidden, SA, and Zhang, S), June, 150
Discussion on “the simple pile load test (SPLIT)” by Myung Whan Lee, Se Whan Paik, Won Jea Lee, Chang Tok Yi, Dae Young Kim, and Sung Jin Yoon (Schmertmann, JH), March, 122

Pile-loading tests
Discussion on “the simple pile load test (SPLIT)” by Myung Whan Lee, Se Whan Paik, Won Jea Lee, Chang Tok Yi, Dae Young Kim, and Sung Jin Yoon (Schmertmann, JH), March, 122

Piles
Evaluation of static capacity of deep foundations from statnamic testing (Brown, DA), Dec., 403
Laboratory investigation on bitumen coating and polyethylene sheeting for downdrag reduction in piles: a comparative study (Tawfiq, KS), June, 171

Pore geometry
Effects of particle shape and surface roughness on the hydraulic mean radius of a porous medium consisting of quarried rock (Sabin, GCW and Hansen, D), March, 43

Pore pressure
Discussion of “B-value measurements for granular materials at high confining pressures,” by Jerry A. Yamamuro and Doehring, DO, March, 119
Laboratory filter paper suction measurements (Houston, SL, Houston, WN, and Wagner, A-M), June, 185

Preparation method
Effect of preparation technique on permeability and strength of cement-grouted sand (Schwarz, LG and Krizek, RJ), Dec., 434

Pressure plate apparatus
Water content relationships of a sensitive clay subjected to cycles of capillary pressures (Silverstri, V), March, 57

Reinforced soil
Discussion on “behavior of fiber-reinforced cemented sand under static and cyclic loads” by M. H. Maher and Y. C. Ho (Ling, HJ), June, 254

Resilient modulus
Prediction models of resilient modulus for nongranular materials (Pezo, R and Hudson, WR), Sept., 349

Resonance
General dynamic model for the resonant column/quasi-static torsional shear apparatus (Ashmawy, AK and Drnevich, VP), Sept., 337

Resonant column tests
Torsional motion monitoring system for small-strain (10^{-5} to 10^{-3}%) soil testing (Kim, D-S and Stokoe, KH, II), March, 17

Rock
Compaction control of earth-rock mixtures: a new approach (Torrey, VH, III and Donaghe, RT), Sept., 271
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part I—Numerical studies (Lin, J-M and Sansalone, M), June, 207
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part II—Experimental studies (Lin, J-M and Sansalone, M), June, 220

Rock joints
New combined servo-controlled loading frame/direct-shear apparatus for the study of concrete or rock joint behavior under different boundary and loading conditions (Mouchaorab, KS and Bennomkare, B), June, 233

Rock surface area
Effects of particle shape and surface roughness on the hydraulic mean radius of a porous medium consisting of quarried rock (Sabin, GCW and Hansen, D), March, 43

Sands
Cyclic undrained behavior and liquefaction potential of sand treated with chemical grouts and microfine cement (MC-500) (Maher, MH, Ro, KS, and Welsh, JP), June, 159
Investigation of the strain-softening behavior of granular soils with a new multiaxial cell (Lo, R, Chu, J, and Lee, IK), Sept., 325
Physical modeling of drilled shaft side resistance in sand (Turner JP and Kulhawy, FH), June, 282

Saturation
Discussion of “B-value measurements for granular materials at high confining pressures,” by Jerry A. Yamamuro and Paul V. Lade (Charlie, WA, Veyera, GE, and Doehring, DO), March, 119

Sharp cone test
Deformability of rock-like materials using a sharp cone test (Leite, MH, Ladanyi, B, and Gill, DE), June, 195

Shear modulus
Torsional motion monitoring system for small-strain (10^{-5} to 10^{-3}%) soil testing (Kim, D-S and Stokoe, KH, II), March, 17

Shear strength
Approximate method for estimating the consolidation behavior of soft sensitive clays (Joshi, RC, Achari, G, and Griffiths, FJ), March, 50
Effects of centerline tube sampling strains on the undrained behavior of two stiff overconsolidated clays (Georgiannou, VN and Hight, DW), Dec., 475

Shear tests
General dynamic model for the resonant column/quasi-static torsional shear apparatus (Ashmawy, AK and Drnevich, VP), Sept., 337
Multiple purpose soil testing apparatus (Huang, A-B, Hsu, S-P, and Kuhn, H-R), June, 227

Shrinkage
Water content relationships of a sensitive clay subjected to cycles of capillary pressures (Silverstri, V), March, 57

Silts
Study of an anisotropically overconsolidated silt by the resonant column method (Macari, EJ and Ko, H-Y), Sept., 315

Size distribution
Engineering properties of tire chips and soil mixtures (Edil, TB and Bosscher, PJ), Dec., 453
Slurries
Shear strength of very soft clay-sand mixtures (Tan, T-S, Goh, T-C, Karunanratre, GP, and Lee, S-L), March, 27

Soil
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part I—Numerical studies (Lin, J-M and Sansalone, M), June, 207
Impact-echo response of hollow cylindrical concrete structures surrounded by soil and rock: Part II—Experimental studies (Lin, J-M and Sansalone, M), June, 220

Sand tests
Design and evaluation of a flow pump system for column testing (Redmond, PL and Shackelford, CD), June, 269

Soil-rock mixtures
Compaction control of earth-rock mixtures: a new approach (Torrey, VH, III and Donaghe, RT), Sept., 371
Compaction test method for soil-rock mixtures in which equipment size effects are minimized (Donaghe, RT and Torrey, VH, III), Sept., 363
Proposed new standard test method for laboratory compaction testing of soil-rock mixtures using standard effort (Donaghe, RT and Torrey, VH, III), Sept., 387

Soil tests
Multiple purpose soil testing apparatus (Huang, A-B, Hsu, S-P, and Kuhn, H-R), June, 227

Statnamic method
Evaluation of static capacity of deep foundations from statnamic testing (Brown, DA), Dec., 403

Strain
Measurements of elastic properties of geomaterials in laboratory compression tests (Tatsuoka, F, Sato, T, Park, C-S, Kim, Y-S, Mukabi, JN, and Kohata, Y), March, 80
Strain measurement in HDPE geomembrane tensile tests (Giroud, JP, Monroe, M, and Charron, R), March, 65

Strain path
Effects of centerline tube sampling strains on the undrained behavior of two stiff overconsolidated clays (Georgiannou, VN and Hight, DW), Dec., 475

Strain rate
Tensile stress-strain characteristics of lightly cemented sand (Dass, RN, Yen, S-C, Das, BM, Puri, VK, and Wright, MA), Sept., 305

Strain softening
Investigation of the strain-softening behavior of granular soils with a new multiaxial cell (Lo, R, Chu, J, and Lee, IK), Sept., 325

Strain transducers
Instrumentation for a weigh in motion system using pavement strain (Marsh, JG and Jewell, RJ), Dec., 498

Stress
Tensile stress-strain characteristics of lightly cemented sand (Dass, RN, Yen, S-C, Das, BM, Puri, VK, and Wright, MA), Sept., 305

Suction
Laboratory filter paper suction measurements (Houston, SL, Houston, WN, and Wagner, A-M), June, 185

Surface irrigation
Moisture increase in expansive soils at developed sites (Sikh, TS), Dec., 517

Swelling
Expansion potential of compacted fine-grained soils using suction measurements (Garbulewski, K, Zakowicz, S, and Al-Helo, IK), Dec., 506
Test procedures to evaluate absorption and swelling of grout (Krizek, RJ and Borden, RH), Dec., 512
Water content relationships of a sensitive clay subjected to cycles of capillary pressures (Silverstr, V), March, 57

T
Tensile strengths
Tensile stress-strain characteristics of lightly cemented sand (Dass, RN, Yen, S-C, Das, BM, Puri, VK, and Wright, MA), Sept., 305

Tensile tests
Strain measurement in HDPE geomembrane tensile tests (Giroud, JP, Monroe, M, and Charron, R), March, 65

Thermal conductivity
Numerical modeling of a thermal conductivity matric suction sensor (Xing, A and Fredlund, DG), Dec., 415

Tire chips
Engineering properties of tire chips and soil mixtures (Edil, TB and Bosscher, PJ), Dec., 453

Tomography
Development of a transparent material to model the geotechnical properties of soils (Iskander, MG, Lai, J, Oswald, CJ, and Mannheimer, RJ), Dec., 425

Torsional shear test
Torsional motion monitoring system for small-strain ($10^{-3}$ to $10^{-5}$) soil testing (Kim, D-S and Stokoe, KH, II), March, 17

Transmissivity
In-plane flow of four geosynthetics for landfill drainage (Campbell, RP and Wu, JTH), March, 3

Transparent materials
Development of a transparent material to model the geotechnical properties of soils (Iskander, MG, Lai, J, Oswald, CJ, and Mannheimer, RJ), Dec., 425

Tube samples
Effects of centerline tube sampling strains on the undrained behavior of two stiff overconsolidated clays (Georgiannou, VN and Hight, DW), Dec., 475

U-W

Unsaturated soils
Laboratory filter paper suction measurements (Houston, SL, Houston, WN, and Wagner, A-M), June, 185

Vehicle weighing
Instrumentation for a weigh in motion system using pavement strain (Marsh, JG and Jewell, RJ), Dec., 498

Velocity
Improved velocity method for the determination of coefficient of consolidation (Pandian, NS, Sridharan, A, and Kumar, KS), March, 113

Viscoelasticity
General dynamic model for the resonant column/quasi-static torsional shear apparatus (Ashmawy, AK and Drnevich, VP), Sept., 337

Water content
Proposed new standard test method for laboratory compaction testing of soil-rock mixtures using standard effort (Donaghe, RT and Torrey, VH, III), Sept., 387

Water-to-cement ratio
Effect of preparation technique on permeability and strength of cement-grouted sand (Schwarz, LG and Krizek, RJ), Dec., 434