

# E.T. (Ted) Brown Technical Papers

Title	Author	Publication Date
<b>Foundation properties of variably weathered rock beneath a heavy mineral processing plant.</b> 2014. By D.C. Starr and E.T. Brown. Proceedings of Eurock 2014: European Rock Mechanics Symposium, Vigo, Spain, May 27-29, 2014.	Starr, D.C. and E.T. Brown	5/27/2014
<b>Shear behaviour of rock joints with unsaturated fill.</b> 2013. By B. Indraratna, W. Premadasa and E.T. Brown. Geotechnique, Volume 63, Number 15, July 2013, pages 1356-1360.	Indraratna, B., W. Premadasa and E.T. Brown	7/1/2013
<b>Technical reviews in rock engineering: experience in a consulting practice.</b> 2013. By E.T. Brown and R.J. Morphet. Rock Characterisation, Modelling and Engineering Design Methods: proceedings of the 3rd SinoRock Symposium of the International Society for Rock Mechanics, Shanghai, June 3-10, 2013. Edited by X.T. Feng, J.A. Hudson and F. Tan, Balkema, pages 3-10.	Brown, E.T. and R.J. Morphet	6/3/2013
<b>Progress and challenges in some areas of deep mining.</b> 2012. By E.T. Brown. Progress and challenges in some areas of deep mining. 2012. By E.T. Brown. Deep Mining 2012: proceedings of the 6th International Seminar on Deep and High Stress Mining, Perth, March 28-30, 2012. Edited by Y. Potvin, Australian Centre for Geomechanics, pages 1-24. (Also published in: Mining Technology, Transactions of the Institutions of Mining and Metallurgy, Volume 121, Number 4, December 2012, pages 177-191.)	Brown, E.T.	3/28/2012
<b>Risk assessment and management in underground rock engineering - an overview.</b> 2012. By E.T. Brown. Journal of Rock Mechanics and geotechnical Engineering, Volume 4, Number 3, 2012, pages 193-204.	Brown, E.T.	1/1/2012
<b>Fifty years of the ISRM and associated progress in rock mechanics.</b> 2011. By E.T. Brown. Harmonising Rock Engineering and the Environment: proceedings of the 12th Congress of the International Society for Rock Mechanics, Beijing, October 16-21, 2011. Edited by Q. Qian and Y.X. Zhou, Balkema, pages 29-45. (Also published in: Australian Geomechanics, Volume 46, Number 4, 2011, pages 1-24.)	Brown, E.T.	10/16/2011
<b>Risk assessment-based approach to remediation of abandoned underground coal mines for a motorway - a case study.</b> 2010. By D.N.P. Rayudu, B.J. Land and E.T. Brown. Advances in Rock Engineering: proceedings of the International Symposium of the International Society for Rock Mechanics and 6th Asian Rock Mechanics Symposium, New Delhi, October 23-27, 2010. Edited by K.G. Sharma, T. Ramamurthy, V.K. Kanjilila and A.C. Gupta. Central Board of Irrigation, Paper 148, 9 pages.	Rayudu, D.N.P., B.J. Land and E.T. Brown	10/23/2010

Title	Author	Publication Date
<b>A shear-displacement criterion for soil-infilled rock discontinuities.</b> 2010. By B. Indraratna, D.A.F. Oliveira and E.T. Brown. Geotechnique, Volume 60, Number 8, August 2010, pages 623-633.	Indraratna, B., D.A.F. Oliveira and E.T. Brown	8/1/2010
<b>Effect on soil-infilled joints on the stability of rock wedges formed in a tunnel roof.</b> 2010. By B. Indraratna, D.A.F. Oliveira, E.T. Brown and A.P Assis. International Journal of Rock Mechanics and Mining Science, Volume 47, Number 5, July 2010, pages 739-751.	Indraratna, B., D.A.F. Oliveira, E.T. Brown and A.P. Assis	7/1/2010
<b>Risk management.</b> 2009. By E.T. Brown and A. Booth. Guidelines for Open Pit Slope Design, Edited by J. Read and P. Stacey, CSIRO Publishing, 2009, pages 381-400.	Brown, E.T. and A. Booth	1/1/2009
<b>Estimating mechanical properties of rock masses.</b> 2008. By E.T. Brown. Proceedings of the 1st Southern Hemisphere rock Mechanics Symposium, Perth, September 16-19, 2008. Edited by Y. Potvin, J. Carter, A. Dyskin and R. Jeffrey, Australian Centre for Geomechanics, Volume 1, pages 3-22.	Brown, E.T.	9/16/2008
<b>Estimating rock mass properties for stability analyses of new and existing dams.</b> 2008. By E.T. Brown and M. Marley. Proceedings of the International Symposium on Operation, Rehabilitation and Upgrading of Dams during the 76th Annual Meeting of the International Commission on Large Dams, Sofia, Bulgaria, June 4, 2008.	Brown, E.T. and M. Marley	6/4/2008
<b>Shear strength model for overconsolidated clay-infilled idealised rock joints.</b> 2008. By B. Indraratna, M. Jayanathan and E.T. Brown. Geotechnique, Volume 58, Number 1, 2008, pages 55-65.	Indraratna, B., M. Jayanathan and E.T. Brown	1/1/2008
<b>The geotectonics and geotechnics of the Traveston Crossing Dam foundations.</b> 2007. By M. Marley, G. Dryden, G. Eades, E.T. Brown and G. Huftile. Dams- Securing Water for Our Future, proceedings of the New Zealand Society on Large Dams - Australian National Committee on Large Dams 2007 Conference, Queensland, New Zealand, November 19-21, 2007. Edited by E.R. McSaveny, Institution of Professional Engineers New Zealand Proceedings of Technical Groups, Volume 33, Number 1, pages 309-318.	Marley, M., G. Dryden, G. Eades, E.T. Brown and G. Huftile	11/19/2007
<b>Rock mechanics - the basic mining science: challenges in underground mass mining.</b> 2007. By E.T. Brown. Proceedings of the 11th Congress of the International Society for Rock Mechanics, Lisbon July 9-13, 2007. Edited by L. Ribeiro e Sousa, C. Ollala and N.F. Grossman, Taylor & Francis, Volume 3, pages 1335-1347.	Brown, E.T.	7/9/2007
<b>Forensic engineering for underground construction.</b> 2006. By E.T. Brown. Rock Mechanics in Underground Construction: proceedings of the International Symposium of the International Society for Rock Mechanics 2006 and the 4th Asian Rock Mechanics Symposium, Singapore, November 8-10, 2006. Edited by C.F. Leung and Y.X. Zhao, World Scientific Publishing Co., pages 3-18.	Brown, E.T.	11/8/2006

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<b>A shear strength model for idealised infilled joints under constant normal stiffness.</b> 2005. By B. Indraratna, H.S. Welideniya and E.T. Brown. Geotechnique, Volume 55, Number 3, 2005, pages 215-226.	Indraratna, B., H.S. Welideniya and E.T. Brown	1/1/2005
<b>The dynamic environment of ground support.</b> 2004. By E.T. Brown. Ground Support in Mining and Underground Construction: proceedings of the 5th International Symposium on Ground Support, Perth, September 28-30, 2004. Edited by E. Villaescusa and Y. Potvin, Balkema, pages 3-16.	Brown, E.T.	9/28/2004
<b>Dynamic capable support development.</b> 2004. By T. Li, E.T. Brown, J. Coxon and U. Singh. Ground Support in Mining and Underground Construction: proceedings of the 5th International Symposium on Ground Support, Perth, September 28-30, 2004. Edited by E. Villaescusa and Y. Potvin, Balkema, pages 281-288.	Li, T., E.T. Brown, J. Coxon and U. Singh	9/28/2004
<b>Geomechanics: the critical engineering discipline for mass mining.</b> 2004. By E.T. Brown. MassMin: proud to be miners: proceedings of MassMin 2004, Santiago, Chile, August 22-25, 2004. Edited by A. Karzulovic and M. Alfaro, Chilean Engineering Institute, pages 21-36.	Brown, E.T.	8/22/2004
<b>Current practices and trends in cave mining.</b> 2004. By G. Flores, A. Karzulovic and E.T. Brown. MassMin: proud to be miners: proceedings of MassMin 2004, Santiago, Chile, August 22-25, 2004. Edited by A. Karzulovic and M. Alfaro, Chilean Engineering Institute, pages 83-90.	Flores, G., Karzulovic, A. and E.T. Brown	8/22/2004
<b>John Jaeger memorial lecture - the mechanics of discontinua: engineering in discontinuous rock.</b> 2004. By E.T. Brown. Proceedings of the 9th Australia-New Zealand Conference on Geomechanics, Auckland, February 8-11, 2004. Edited by G. Farquhar, P. Kelsey, J. Marsh and D. Fellows, New Zealand Geotechnical Society, Volume 1, pages 51-72.	Brown, E.T.	2/8/2004
<b>Water for a sustainable minerals industry - an overview.</b> 2003. By E.T. Brown. Water in Mining 2003: proceedings of Water in Mining 2003, Brisbane, Australia, October 13-15, 2003. Australasian Institute of Mining and Metallurgy, pages 3-14.	Brown, E.T.	10/13/2003
<b>Dynamic support rationale and systems.</b> 2003. By T. Li, E.T. Brown, U. Singh and J. Coxon. Proceedings of the 10th Congress of the International Society for Rock Mechanics, Johannesburg, South Africa, September 8-12, 2003. Volume 2, pages 763-768.	Li, T., E.T. Brown, U. Singh and J. Coxon	9/8/2003
<b>Water for a sustainable minerals industry.</b> 2003. By E.T. Brown. Mining Environmental Management, Volume 11, Number 4, 2003, pages 529-538.	Brown, E.T.	1/1/2003
<b>Block Caving Geomechanics.</b> 2003. By E.T. Brown. Julius Kruttschnitt Mineral Research Centre, Univeristy of Queensland, Brisbane, 516 pages.	Brown, E.T.	1/1/2003
<b>Rock mechanics in Australia.</b> 2002. By E.T. Brown. International Journal of Rock Mechanics, Volume 39, Number 5, July 2002, pages 529-538.	E.T. Brown	7/1/2002

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<p><b>Liquefaction potential of paste fill at Neves Corvo mine, Portugal.</b> 2002. By K. Been, E.T. Brown and N. Hepworth. Transactions of the Institution of Mining and Metallurgy, Section A: Mining Industry, Volume 111, Number 1, March 2002, pages 47-58.</p>	<p>Been, K., E.T. Brown and N. Hepworth</p>	<p>3/1/2002</p>
<p><b>Hierarchical modelling of rock mass discontinuities.</b> 2001. By N.J. Harries and E.T. Brown. Rock Mechanics a challenge for society: proceedings of the International Society of Rock Mechanics Regional Symposium, Eurock 2001, Espoo, June 4-7. Edited by P. Sarkka and P. Eloranta, Swets and Zeitlinger, pages 243-248.</p>	<p>Harries, N.J. and E.T. Brown</p>	<p>6/4/2001</p>
<p><b>Developments in the engineering of underground excavations in rock, Snowy Mountains Hydro-electric Scheme, Australia, 1952-62.</b> 2000. By E.T. Brown. Proceedings of Geotech - Year 2000: developments in geotechnical engineering, Bangkok, Thailand, November 27-30, 2000. Edited by A.S. Balasubramaniam et al., Asian Institute of Technology, pages 219-227.</p>	<p>Brown, E.T.</p>	<p>11/27/2000</p>
<p><b>Characterising the mining environment for underground mass mining.</b> 2000. By E.T. Brown and K.J. Rosengren. MassMin 2000: Proceedings of the Australian Institute of Mining and Metallurgy Conference, Brisbane, Australia, October 29-November 2, 2000. Edited by G.P. Chitombo, pages 17-27.</p>	<p>Brown, E.T. and K.J. Rosengren</p>	<p>10/29/2000</p>
<p><b>Rock mechanics and the Snowy Mountain Scheme.</b> 1999. By E.T. Brown. The spirit of the Snowy Fifty Years on: proceedings of the 1999 Invited Symposium of the Australian Academy of Technological Sciences and Engineering, Cooma, November 1999. Pages 89-101.</p>	<p>Brown, E.T.</p>	<p>11/1/1999</p>
<p><b>Mining rock mechanics: yesterday, today, and tomorrow.</b> 1999. By M. Hood and E.T. Brown. Proceedings of the 9th Congress of the International Society for Rock Mechanics, Paris, France, August 25-28, 1999. Edited by G. Vouille and P. Berest, Balkema, Volume 3, pages 1551-1576.</p>	<p>Hood, M. and E.T. Brown</p>	<p>8/25/1999</p>
<p><b>The evolution of support and reinforcement philosophy and practice for underground mining excavations.</b> 1999. By E.T. Brown. Proceedings of the Rock Support and Reinforcement Practice in Mining, 4th International Symposium on Ground Support, Kalgoorlie, March 15-17, 1999. Edited by E. Villaescusa, C.R. Windsor and A.G. Thompson, Balkema, pages 3-17.</p>	<p>Brown, E.T.</p>	<p>3/15/1999</p>
<p><b>A study of the mechanical behaviour of coal for pillar design.</b> 1998. By T.P. Medhurst and E.T. Brown. International Journal of Rock Mechanics and Mining Sciences, Volume 35, Number 8, December 1998, pages 1087-1105.</p>	<p>Medhurst, T.P. and E.T. Brown</p>	<p>12/1/1998</p>
<p><b>The consequences of underground nuclear testing in French Polynesia.</b> 1998. By E.T. Brown. Focus, Australian Academy of Technological Sciences and Engineering, Number 104, November 1998, pages 13-19.</p>	<p>Brown, E.T.</p>	<p>11/1/1998</p>

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<p><b>Ground control for underground excavations - achievements and challenges.</b> 1998. By E.T. Brown. Proceedings of the International Conference on Geomechanics/Ground Control in Mining and Underground Construction, Wollongong, July 14-17, 1998. Edited by N.I. Aziz and B. Indraratna, Volume 1, pages 13-31.</p>	Brown, E.T.	7/14/1998
<p><b>Construction and restoration of the Brisbane Customs House.</b> 1998. By E.T. Brown. Proceedings of the 9th National Conference on Engineering Heritage, Ballarat, Australia, March 15-18, 1998. Edited by R. L. Martin, Australia Institution of Engineers, Melbourne, pages 195-202.</p>	Brown, E.T.	3/15/1998
<p><b>Practical estimates of rock mass strength.</b> 1997. By E. Hoek and E.T. Brown. International Journal of Rock Mechanics and Mining Sciences, Volume 34, Number 8, December 1997, pages 1165-1186.</p>	Hoek, E. and E.T. Brown	12/1/1997
<p><b>Large scale laboratory testing of coal.</b> 1996. By T.P. Medhurst and E.T. Brown. Proceedings of the 7th Australia-New Zealand Conference on Geomechanics, Adelaide, July 1-5, 1996. Edited by M.B. Jaksa, W.S. Kaggwa, D.A. Cameron, Australia Institute of Engineers, pages 203-208.</p>	Medhurst, T.P. and E.T. Brown	7/1/1996
<p><b>Influence of axial stress and dilatancy on rock tunnel stability.</b> 1996. By X.D. Pan and E.T. Brown. Journal of Geotechnical Engineering, American Society of Civil Engineers, Volume 122, Number 2, February 1996, pages 139-146.</p>	Pan, X.D. and E.T. Brown	2/1/1996
<p><b>Experimental studies of the effects of scale on the strength of coal. 1995. By T.P. Medhurst, E.T. Brown and R. Trueman.</b> Proceedings of the 8th Congress of the International Society for Rock Mechanics, Tokyo, September 25-30, 1995. Edited by T. Fujii, Balkema, Volume 1, pages 347-351.</p>	Medhurst, T.P., E.T. Brown and R. Trueman	9/25/1995
<p><b>Rock mass damage in underground metalliferous mines.</b> 1994. By E.T. Brown, G. Chitombo, T. Li and P.A. Walker. Proceedings of the International Symposium of the International Society for Rock Mechanics on Integral Approach to Applied Rock Mechanics, Santiago, Chile, May 10-14, 1994. Edited by M. Van Sint Jan, Volume 1, pages 289-301.</p>	Brown, E.T., G. Chitombo, T. Li and P.A. Walker	5/10/1994
<p><b>Geotechnical monitoring in surface and underground mining - an overview.</b> 1993. By E.T. Brown. Proceedings of the Australian Conference on Geotechnical Instrumentation and Monitoring in Open Pit and Underground Mining, Kalgoorlie, June 21-23. Edited by T. Szwedzicki, Balkema, pages 3-11.</p>	Brown, E.T.	6/21/1993
<p><b>Comprehensive Rock Engineering Volume 1: Fundamentals.</b> 1993. Edited by E.T. Brown. Pergamon Press, Oxford, 752 pages.</p>	Brown, E.T.	1/1/1993

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<b>The nature and fundamentals of rock engineering.</b> 1993. By E.T. Brown. Comprehensive Rock Engineering, Edinted by J.A. Hudson, E.T. Brown, C. Fairhurst and E. Hoek, Pergamon Press, Volume 1, 1993, pages 1-23.	Brown, E.T.	1/1/1993
<b>Logarithmic relation for joint normal deformation under effective stress.</b> 1992. By J. Zhao and E.T. Brown. Proceedings of the Eurock '92: rock characterization, a Symposium of the International Society for Rock Mechanics, Chester, September 14-17, 1992. Edited by J.A. Hudson, British Geological Society, pages 69-74.	Zhao, J. and E.T. Brown	9/14/1992
<b>Thermal cracking induced by water flow through joints in heated granite.</b> 1992. By J. Zhao and E.T. Brown. International Journal of Rock Mechanics and Mining Sciences, Volume 29, Number 4, July 1992, pages 77-82.	Zhao, J. and E.T. Brown	7/1/1992
<b>Australian mining geomechanics - development, achievements and challenges.</b> 1992. By E.T. Brown. Proceedings of the Western Australia Conference on Mining Geomechanics, Kalgoorlie, Western Australia, June 8-10, 1992. Edited by T. Szwedzicki, G.R. Baird and T.N. Little, pages 1-13.	Brown, E.T.	6/8/1992
<b>Maximum likelihood estimation of joint size from trace length measurements.</b> 1992. By E. Villaescusa and E.T. Brown. Rock Mechanics and Rock Engineering, Volume 25, Number 2, April 1992, pages 67-87.	Villaescusa, E. and E.T. Brown	4/1/1992
<b>Hydro-thermo-mechanical properties of joints in the Carmenellis granite.</b> 1992. By J. Zhao and E.T. Brown. Quarterly Journal of Engineering Geology, Volume 25, Number 4, 1992, pages 279-290.	Zhao, J. and E.T. Brown	1/1/1992
<b>A back analysis procedure for establishing load parameters and Young's moduli from stress and displacement measurements.</b> 1991. By S. Akutagawa, E.T. Brown and J.L. Meek. Proceedings of the 7th Congress of the International Society for Rock Mechanics, Aachen, Germany, September 16-20, 1991. Edited by W. Wittke, Balkema, Volume 1, pages 665-669.	Akutagawa, S., E.T. Brown and J.L. Meek	9/16/1991
<b>Stereological estimations of in-situ block size distributions.</b> 1991. By E. Villaescusa and E.T. Brown. Proceedings of the 7th Congress of the International Society for Rock Mechanics, Aachen, Germany, September 16-20, 1991. Edited by W. Wittke, Balkema, Volume 1, pages 361-365.	Villaescusa, E. and E.T. Brown	9/16/1991
<b>General report: modelling the stress-strain behaviour of rock masses.</b> 1992. By E.T. Brown. Proceedings of the 7th Congress of the International Society for Rock Mechanics, Aachen, Germany, September 16-20, 1991. Edited by W. Wittke, Balkema, Volume 3, pages 1529-1534.	Brown, E.T.	9/16/1991

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<p><b>Australian advances in geomechanics.</b> 1991. By E.T. Brown. Proceedings of the 7th International conference on computer methods and advances in geomechanics, Cairns, Mayb 6-10, 1991. Edited by G. Beer, J.R. Booker and J.P. Carter, Balkema, Volume 1, pages 15-29.</p>	Brown, E.T.	5/6/1991
<p><b>The back analysis of in-situ stresses in a multiple stage excavation problem.</b> 1991. By S. Akutagawa, J.L. Meek and E.T. Brown. Proceedings of the 7th International conference on computer methods and advances in geomechanics, Cairns, May 6-10, 1991. Edited by G. Beer, J.R. Booker and J.P. Carter, Balkema, Volume 2, pages 937-942.</p>	Akutagawa, S., J.L. Meek and E.T. Brown	5/6/1991
<p><b>The direct modulus factoring method for the back analysis of Young's moduli.</b> 1991. By S. Akutagawa, E.T. Brown, J.L. Meek and G. Chitombo. Proceedings of the 7th International conference on computer methods and advances in geomechanics, Cairns, May 6-10, 1991. Edited by G. Beer, J.R. Booker and J.P. Carter, Balkema, Volume 2, pages 931-936.</p>	Akutugawa, S., E.T. Brown, J.L. Meek and G. Chitombo	5/6/1991
<p><b>Near surface in situ stresses in Australia and their influence on underground construction.</b> 1990. By E.T. Brown and C.R. Windsor. Proceedings of the 7th Australia Tunnelling Conference, Sydney, Australia, September 11-13, 1990. Australia Institution of Engineers, pages 18-48.</p>	Brown, E.T. and C.R. Windsor	9/11/1990
<p><b>Characterizing joint spatial correlations using geostatistical methods.</b> 1990. By E. Villaescusa and E.T. Brown. Proceedings of the International Symposium on Rock Joints, Leon, June 4-6, 1990. Edited by N. Barton and O. Stephansson, Balkema, pages 115-122.</p>	Villaescusa, E. and E.T. Brown	6/4/1990
<p><b>Failure of three sedimentary rocks in triaxial and hollow cylinder compression tests.</b> 1989. By F.J. Santarelli and E.T. Brown. International Journal of Rock Mechanics and Mining Sciences, Volume 26, Number 5, September 1989, pages 401-403.</p>	Santarelli, F.J. and E.T. Brown	9/1/1989
<p><b>Influence of stress-dependent elastic moduli on plane strain solutions for circular excavations.</b> 1989. By M.E. Duncan Fama and E.T. Brown. Proceedings of the International Symposium of the International Society for Rock Mechanics, Pau, France, August 30-September 2, 1989. Edited by V. Maury and D. Fourmaintraux, Balkema, Volume 2, pages 819-826.</p>	Duncan Fama, M.E. and E.T. Brown	8/30/1989
<p><b>Influence of stress-dependent elastic moduli on prediction of stresses and strains around axisymmetric boreholes.</b> 1989. By E.T. Brown, J.W. Bray and F.J. Santarelli. Rock Mechanics and Rock Engineering, Volume 22, Number 3, June 1989, pages 189-203.</p>	Brown, E.T., J.W. Bray and F.J. Santarelli	6/1/1989
<p><b>Conference Review: shaft engineering.</b> 1989. By E.T. Brown. Transactions of the Institution of Mining and Metallurgy, Section A: Mining Industry, Volume 98, 1989, pages 124-125.</p>	Brown, E.T.	1/1/1989

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<b>A model for the ductile yield of porous rock.</b> 1988. By E.T. Brown and H.S. Yu. International Journal for Numerical and Analytical Methods in Geomechanics, Volume 12, Number 6, November/December 1988, pages 679-688.	Brown, E.T. and H.S. Yu	11/1/1988
<b>Laboratory measurement of the thermo-hydro-mechanical properties of rock.</b> 1988. By G.M. Elliott and E.T. Brown. Quarterly Journal of Engineering Geology, Volume 21, Number 4, November 1988, pages 299-314.	Elliott, G.M. and E.T. Brown	11/1/1988
<b>Designing unlined pressure tunnels in jointed rock.</b> 1988. By M. Lu and E.T. Brown. Water Power and Dam Construction, Volume 40, Number 11, November 1988, pages 37-41.	Lu, M. and E.T. Brown	11/1/1988
<b>A numerical method for the analysis of unlined pressure tunnels in jointed rock.</b> 1988. By M. Lu and E.T. Brown. Proceedings of the 6th International Conference on Numerical Methods in Geomechanics, Innsbruck, April 11-15, 1988. Edited by G. Swoboda, Balkema, Volume 3, pages 1473-1480.	Lu, M. and E.T. Brown	4/11/1988
<b>Discussion on "Determination of shear failure envelope in rock masses."</b> 1988. By E.T. Brown and E. Hoek. Journal of Geotechnical Engineering, American Society of Civil Engineers, Volume 114, Number 3, March 1988, pages 371-373.	Brown, E.T. and E. Hoek	3/1/1988
<b>Rock stress and rock stress measurements - a review.</b> 1988. By O. Stephansson and E.T. Brown. Modelling Mine Structures: proceedings of the 10th Plenary Scientific Session of the International Bureau of Strata Mechanics, World Mining Congress, Stockholm, June 3, 1987. Edited by A. Kidybinski and M. Kwasniewski, Balkema, 1988, pages 3-15.	Stephansson, O. and E.T. Brown	1/1/1988
<b>The Hoek-Brown failure criterion - a 1988 update.</b> 1988. By E. Hoek and E.T. Brown. Rock Engineering for Underground Excavations: proceedings of the 15th Canadian Rock Mechanics Symposium, Toronto, 1988. Edited by J. Curran, Department of Civil Engineering, University of Toronto, pages 31-38.	Hoek, E. and E.T. Brown	1/1/1988
<b>Permeability determinations for a discontinuous, crystalline rock mass.</b> 1987. By E.T. Brown and P.I. Boodt. Proceedings of the 6th Congress of the International Society for Rock Mechanics, Montreal, August 30-September 3, 1987. Edited by G. Heget and S. Vongpaisal, Balkema, Volume 1, pages 23-30.	Brown, E.T. and P.I. Boodt	8/30/1987
<b>Performance of deep wellbores in rock with a confining pressure-dependent elastic modulus.</b> 1987. By F.J. Santarelli and E.T. Brown. Proceedings of the 6th Congress of the International Society for Rock Mechanics, Montreal, August 30-September 3, 1987. Edited by G. Heget and S. Vongpaisal, Balkema, Volume 2, pages 1217-1222.	Santarelli, F.J. and E.T. Brown	8/30/1987



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<b>Research and development for design and construction of large rock caverns.</b> 1987. By E.T. Brown. Large Rock Caverns: proceedings of the International Symposium, Helsinki, Finland, August 25-28, 1986. Edited by K. Saari, Pergamon Press, Volume 3, 1987, pages 1937-1948.	Brown, E.T.	8/25/1987
<b>A joint model for use in the numerical analysis of unlined pressure tunnels in jointed rock.</b> 1987. By M. Lu and E.T. Brown. Proceedings of the 1st Czechoslovak Conference on Numerical Methods in Geomechanics, Vysoke Tatry, Czechoslovakia, May 1987. Part 2, pages 13-21.	Lu, M. and E.T. Brown	5/1/1987
<b>Introduction.</b> 1987. By E.T. Brown. Analytical and Computational Methods in Engineering Rock Mechanics, Edited by E.T. Brown, Allen & Unwin, 1987, pages 1-31.	Brown, E.T.	1/1/1987
<b>Analytical and Computational Methods in Engineering Rock Mechanics.</b> 1987. Edited by E.T. Brown. George Allen & Unwin Ltd., London, 259 pages.	Brown, E.T.	1/1/1987
<b>Analysis of borehole stresses using pressure dependent, linear elasticity.</b> 1986. By F.J. Santarelli, E.T. Brown and V. Maury. International Journal of Rock Mechanics and Mining Sciences, Volume 23, Number 6, December 1986, pages 445-449.	Santarelli, F.J., E.T. Brown and V. Maury	12/1/1986
<b>Further development of a plasticity approach to yield in porous rock.</b> 1986. By G.M. Elliott and E.T. Brown. International Journal of Rock Mechanics and Mining Sciences, Volume 23, Number 2, April 1986, pages 151-156.	Elliott, G.M. and E.T. Brown	4/1/1986
<b>A yield equation for rock.</b> 1986. By P. Michelis and E.T. Brown. Canadian Geotechnical Journal, Volume 23, Number 1, 1986, pages 9-17.	Michelis, P. and E.T. Brown	1/1/1986
<b>Progress in the application of rock mechanics in underground mine design.</b> 1985. By E.T. Brown. Proceedings of the 3rd Annual Workshop of Generic Mineral Technology Center Mine Systems Design and Ground Control, Lexington, Kentucky, November 25-26, 1985. Edited by E. Topuz and J.R. Lucas, Virginia Polytechnic Institute, pages 13-25.	Brown, E.T.	11/25/1985
<b>Hydromechanical behaviour of joints in the Carnmenellis granite, S.W. England.</b> 1985. By G.M. Elliott, E.T. Brown, P.I. Boodt and J.A. Hudson. Fundamentals of rock joints: proceedings of the International Symposium on Fundamentals of Rock Joints, Bjorkliden, September 15-20, 1985. Edited by O. Stephansson, Centek, pages 249-258.	Elliott, G.M., E.T. Brown, P.I. Boodt and J.A. Hudson	9/15/1985

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