

| Golder Foundation Technical Papers (D.E. Welch) | | |
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| Title | Author | Date |
| Mine waste disposal. Presented as a lecture at the University of Toronto, Toronto, Ontario, February 27, 2015. | P. Merry and D.E. Welch | 27/02/2015 |
| Trends in tailings containment. Proceedings of the Canadian Dam Association 2012 Annual Conference, Saskatoon, Canada, September 22-27, 2012. Published by the Canadian Dam Association, pages 1-9. | D.E. Welch, S. Kam and P. Merry | 22/09/2012 |
| Management of mine sites after closure. Mine Closure 2009: Proceedings of the 4th International Conference on Mine Closure, Perth, Australia, September 9-11, 2009. Published by the Australian Centre for Geomechanics, pages 245-252. | K.A. Bocking, S.N. Kam, D.E. Welch and D.A. Williams | 09/09/2009 |
| Responding to pressures for change in the disposal of mine waste. Geotechnical News, Volume 27, No. 2, June 2009, pages 38-41. | D.E. Welch | 01/06/2009 |
| Stability of large thickened, non-segregated tailings slopes. Paste 2009: Proceedings of the 12th International Seminar on Paste and Thickened Tailings, Vina del Mar, Chile, April 21-24, 2009. Published by the Australian Centre for Geomechanics, Nedlands, 2009. Pages 301-311. | A.L. Li; K. Been; D. Ritchie and D. Welch | 01/01/2009 |
| Pressures force changes in disposal practices. Canadian Mining Journal, Volume 128, Number 6, August 2007, page 25. | D.E. Welch and F. Palkovits | 01/08/2007 |
| Future-proof your tailings plan: the safe disposal of mine waste is the single largest environmental challenge facing the mining sector worldwide. Canadian Mining Journal, Volume 128, Number 4, May 2007, page 23. | K. Clarke-Whistler and D.E. Welch | 01/05/2007 |
| Responding to change in mine tailings management. Presented to the Canadian Geotechnical Society, Southern Ontario Section, Toronto, April 11, 2007. | K. Clarke-Whistler and D.E. Welch | 11/04/2007 |

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| <p>Tailings system safety review for the Quirke Tailings Management Area in Elliot Lake. Proceedings of Sudbury 2003 Mining and the Environment Conference, Sudbury, Ontario, May 25-28, 2003. Edited by G.A. Spiers, P. Beckett and H. Conroy. Published by Laurentian University, Sudbury, 2003. Volume 1, pages 144-152</p> | <p>S.N. Kam; M.A. Wiber; R.A. Payne; J.B. Davis and D.E. Welch</p> | <p>25/05/2003</p> |
| <p>Surface disposal of past tailings at the Bulyanhulu Gold Mine, Tanzania. Proceedings of Sudbury 2003 Mining and the Environment Conference, Sudbury, Ontario, May 25-28, 2003. Edited by G.A. Spiers, P. Beckett and H. Conroy. Published by Laurentian University, Sudbury, 2003. Volume 1, pages 294-301.</p> | <p>J.A. Theriault, J. Frostiak and D.E. Welch</p> | <p>25/05/2003</p> |
| <p>An overview of paste and thickened tailings disposal on surface. Proceedings of Symposium 2002 sur l'Environnement et les Mines: Defis et perspectives, Rouyn-Noranda, Quebec, November 3-5, 2002. Published by the Canadian Institute of Mining, Metallurgy and Petroleum, Papier 533, 8 pages.</p> | <p>M.W. Grabinsky, J. Theriault and D.E. Welch</p> | <p>03/11/2002</p> |
| <p>Stability and inherent safety of Tailings Dams. Presented at the Mirarco and Laurentian University Professional Development Course on Slope Stability in Rock and Soil, Sudbury, Ontario, September 6, 2002.</p> | <p>D.E. Welch</p> | <p>06/09/2002</p> |
| <p>Bulyanhulu Mine: blended paste backfill and surface paste depostion/ the state of art in paste technology. Minefill 2001: proceedings of the 7th International Symposium on Mining with Backfill, Seattle, Washington, September 17-19, 2001. Published by the Society for Mining, Metallurgy and Exploration, Seattle, 2001. Pages 403-416.</p> | <p>D. Lindriault; D.E. Welch; J. Frostiak and D. Evans</p> | <p>17/09/2001</p> |
| <p>Tailings as a construction and foundation material. Tailings and Mine Waste '00: Proceedings of the 7th International Conference on Tailings and Mine Waste '00, Fort Collins, Colorado, January 23-26, 2000. Published by Balkema, Rotterdam, 2000. Pages 131-140.</p> | <p>J. Crowder; D.E. Welch; M. Grabinsky and H. Ollila</p> | <p>23/01/2000</p> |

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| <p>A guide to the management of tailings facilities. Published by the Mining Association of Canada, Ottawa, Ontario, September 1998.</p> | <p>C. Bedard, J. Duval, K. Ferguson, E. Gardiner, D. Gladwin, K. Jansons, D. Lang, B. Lewis, J. Maltby, J. Matthews, M. McCann, D. Mchaina, P. Poirier, M. Puro, R. Schwenger, R. Siwik, S. Vezina, D.E. Welch and S. West</p> | <p>01/09/1998</p> |
| <p>Recent hydrogeological developments in uranium mine tailings management in Canada: the Key Lake experience. Engineering Geology and the Environment: Proceedings of the International Symposium on Engineering Geology and the Environment, Athens, Greece, June 23-27, 1997. Published by Balkema, Rotterdam, 1997. Volume 3, pages 2371-2377.</p> | <p>S. Donald; N. Holl; P. Landine and D.E. Welch</p> | <p>23/06/1997</p> |
| <p>Site selection considerations for the disposal of potentially acid generating tailings and mine rock, Voisey's Bay Project - a case study. Proceedings of the 4th International Conference on Acid Rock Drainage, Vancouver, May 31-June 6, 1997. Volume 1, pages 277-289.</p> | <p>D.E. Welch; A. Cole; W. Kross and W. Napier</p> | <p>31/05/1997</p> |
| <p>Probabilistic (risk) assessment of the long term performance of the Quirke uranium tailings basin, Elliot Lake, Ontario. Presented to the Mining Association of Canada Workshop on Risk Assessment, Sutton Place Hotel, Toronto, Ontario, May 6, 1997</p> | <p>D.E. Welch</p> | <p>06/05/1997</p> |
| <p>The closure of Quirke uranium tailings basin: a case study. Presented at the Annual Canadian Institute of Mining, Metallurgy and Petroleum Conference, Vancouver, April 1997. 11 pages.</p> | <p>D.E. Welch; R.A. Payne; J.K. Balins and S.N. Kam</p> | <p>01/04/1997</p> |
| <p>Guidelines for tailings basin water balance modelling and WATBAL manual. Published by Golder Associates, April 1997.</p> | <p>D.E. Welch</p> | <p>01/04/1997</p> |

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| <p>Mine tailings disposal as a paste backfill for underground mine backfill and surface waste deposition. Presented at a Society for Mining, Metallurgy and Exploration Short Course, March 9-10, 1996. Pg. 1-83.</p> | D. Lindriault, D.E. Welch and D. Morrison | 09/03/1996 |
| <p>Consolidation of tailings by electro - osmosis. Proceedings of the 10th Asian Regional Conference on Soil Mechanics and Foundation Engineering, Beijing, China, August 29-September 2, 1995. Published by the International Academic Publishers, 1995.</p> | D.E. Welch, K.S. Ho and J. Westland | 29/08/1995 |
| <p>Tailings dam safety guidelines. Canadian Dam Safety Association Newsletter, June 1995</p> | D.E. Welch | 01/06/1995 |
| <p>Prediction of tailings effluent flows. Tailings and Mine Waste '95: Proceedings of 2nd International Conference on Tailings and Mine Waste 95, Fort Collins, Colorado, January 1995. Published by Balkema, Rotterdam, 1995. Pages 109-120.</p> | D.E. Welch, J.M. Johnson and L.C. Botham | 01/01/1995 |
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| <p>No simple solution. Tailings Tips. Canadian Mining Journal, Volume 112, Number 6, August 1991, pages 63-67.</p> | D.E. Welch | 01/08/1991 |

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| Selecting a site; Tailings Tips. Canadian Mining Journal, Volume 111, Number 12, December 1990, pages 23-24. | D.E. Welch | 01/12/1990 |
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