

## PUBLICATIONS

Creighton, A., Elmoultie, M., Hassall, M., Hodgkinson, J., Marinoni, O., Bixley, M., Wessels, F., Juldz, A., Kinakin, D., Whittall, J. and **Wines**, D. (2022) "A Reliability and Risk Framework to Support Pit Slope Design" in *Slope Stability 2022 (Proceedings, Int. Symp. on Slope Stability, Tucson, October 2022)*, The University of Arizona, School of Mining and Mineral Resources, 2022.

Crouse, R. L. and **Wines**, D. R. "Cowal gold mine - documentation of slope deformations due to mining to final pit walls - a case history," in *APSSIM 2016 (Proceedings of the First Asia Pacific Slope Stability in Mining Conference, Brisbane, September 2016)*, pp. 39-53. P. M. Dight, Ed. Perth: Australian Centre for Geomechanics, 2016.

Ghee, E. H., B. T. Zhu and D. R. **Wines**. "Numerical Analysis of Twin Road Tunnels Using Two- and Three-Dimensional Modeling Techniques," in *Continuum and Distinct Element Modeling in Geomechanics — 2011 (Proceedings, 2nd International FLAC/DEM Symposium, Melbourne, February 2011)*, Paper 03-02, pp. 105-116. D. Sainsbury, R. Hart, C. Detournay, and M. Nelson, Eds. Minneapolis: Itasca International Inc., 2011.

Helinski, M., D. R. **Wines**, M. Revell and D. Sainsbury. "Critical Factors Influencing the Capacity of Arched Fibrecrete Bulkheads and Waste Rock Barricades," in *Minefill 2011 (Proceedings, 10th International Symposium on Mining with Backfill, Cape Town, March 2011)*, pp. 293-303. Johannesburg: The Southern African Institute of Mining and Metallurgy, 2011.

Johnson, T. M., Pere, V., Dixon, R., de Graaf, P., **Wines**, D. R. and Y. Hebert. "Geotechnical optimisation of Southern Ridge Cutback 3 at Tom Price mining operations," in *APSSIM 2016 (Proceedings of the First Asia Pacific Slope Stability in Mining Conference, Brisbane, September 2016)*, pp. 78-84. P. M. Dight, Ed. Perth: Australian Centre for Geomechanics, 2016.

**Wines**, D. R., E. H. Ghee and B. T. Zhu. "Analysis of Twin Road Tunnels Using Numerical Modelling Techniques," in *Development of Underground Space (Proceedings, 14th Australasian Tunnelling Conference 2011, Auckland, March 2011)*, pp. 443-454. Melbourne: The Australasian Institute of Mining and Metallurgy.

**Wines**, D. R. and S. Hewson. "Use of Three-Dimensional Distinct Element Numerical Modelling to Determine Ultimate Pit Slope Stability in Areas of Highly Dense Relict Underground Openings: Super Pit, Kalgoorlie" in *Slope Stability 2011 (Proceedings, Int. Symp. on Rock Slope in Open Pit Mining and Civil Engineering, Vancouver, September 2011)*, Paper No. 296. E. Eberhardt and D. Stead, Eds. Vancouver: Canada Rock Mechanics Association, 2011.

**Wines**, D. R., I. Hulls, E. Woods and A. Creighton. "The use of numerical modelling, slope monitoring and operational procedures to manage slope deformations at the Ranger 3 Pit" in *Slope Stability 2013 (Proceedings, Int. Symp. on Slope Stability in Open Pit Mining and Civil Engineering, Brisbane, September 2013)*, Paper No. 40. P. M. Dight, Ed. Perth: Australian Centre for Geomechanics, 2013.

**Wines**, D. R. and P. A. Lilly. "Estimates of Rock Joint Shear Strength in Part of the Fimiston Open Pit Operation in Western Australia," *Int. J. Rock Mech. & Min. Sci.*, 40, 929-937 (2003).

**Wines**, D. R. and P. A. Lilly. "Measurement and Analysis of Rock Mass Discontinuity Spacing and Frequency in Part of the Fimiston Open Pit Operation in Kalgoorlie, Western Australia: A Case Study," *Int. J. Rock Mech. Min. Sci.*, 39, 589-602 (2002).

**Wines**, D. R. and P. A. Lilly. "A Comparative Analysis of Rock Mass Classification Schemes in Part of the Fimiston Open Pit Operation in Kalgoorlie, Western Australia," *Aus. Geomech.*, 36(4), 59-72 (December 2001).

**Wines**, D. R. and D. Raisbeck. "Impacts of Ordnance Training on Neighbouring Communities," in *Land Warfare Conference 2002: Proceedings — Future Wars, Futuristic Forces (Brisbane, October 2002)*, pp. 467-474. V. Puri et al., Eds. Salisbury, South Australia: Defence Science and Technology (Australia), 2002.

**Wines**, D. R., W. Zhang, J. van Rensburg and A. Lucarelli. "Selection of appropriate strength envelopes for open pit slope stability analyses in soils and weak rocks", in *SSIM 2023, Proceedings of the Third International Slope Stability in Mining Conference*, P. M. Dight, Ed. Perth: Australian Centre for Geomechanics, 2023.

**Wines**, D. R. "A comparison of slope stability analyses in two and three dimensions," in *Slope Stability 2015 (Proceedings, Int. Symp. on Slope Stability in Open Pit Mining and Civil Engineering, Cape Town, October 2015)*, pp. 305-316. The Southern African Institute of Mining and Metallurgy, Johannesburg, 2015.

**Wines**, D. R. "A comparison of slope stability analyses in two and three dimensions," *J. S. Afr. Inst. Min. Metall.* 116(5), 399-406, Johannesburg (May 2016).

**Wines**, D. R. "Understanding the sensitivity of numerical slope stability analyses to geotechnical and other input parameters", in *Slope Stability 2020, Proceedings of the 2020 International Symposium on Slope Stability in Open Pit Mining and Civil Engineering*, P. M. Dight, Ed. Perth: Australian Centre for Geomechanics, 2020.