



PROCESS MINERALOGY GROUP PUBLICATIONS TO DATE

Congress Papers

1. **Lotter, N.O., and Fragomeni, D., 2009, High-Confidence Flotation Testing at Xstrata Process Support**, SME Annual Meeting and Exhibit, Denver, Colorado, February 2009, Preprint 09-026.
2. **Lotter, N.O., Comeau, G., Kormos, L.J., Fragomeni, D., and Di Feo, A., Plant Scale Trial of Isobutyl Xanthate at Raglan Concentrator Using Reference Distributions**, Canadian Mineral Processors, Ottawa, January 2009, Paper 6, pp. 79-105.
3. **Fragomeni, D., Yu, S., Anes, J., Edwards, T., and Scott, D., Advancing Asset Performance at the Montcalm Operation**, Canadian Mineral Processors, Ottawa, January 2009, Paper 12, pp. 205-219.
4. **Arrué, C., Fragomeni, D., and Lotter, N.O., Improvement of Mass and Value Balance Data from the Statistical Benchmark Model**, Canadian Mineral Processors, Ottawa, January 2007, Paper No. 36, pp. 607-616.
5. **Kormos, L.J., Oliveira, J., Whittaker, P.J., and Lipten, E., Characterisation Of The Antamina Bornite Zone For Process Mineralogy Modelling**, Proc. Automated Mineralogy 2008, MEI, Brisbane, Australia, August 2008.
6. **Charland, A., Kormos, L.J., Whittaker, P.J., Arrué, C., Fragomeni, D., Lotter, N.O., Mackey, P., and Anes, J., A Case Study for the Integrated use of Automated Mineralogy in Plant Optimisation : The Montcalm Concentrator**, Proc. Automated Mineralogy, MEI Conference, Brisbane, July 2006.
7. **Lotter, N.O., and Laplante, A.R., The Campaign Survey Model – a Case Study at the Raglan Mine, Québec**, Proc. Automated Mineralogy, MEI Conference, Brisbane, July 2006.
8. **Fragomeni, D., Hoffman, M., Kelly, A., Yu, S., and Lotter, N.O., Flotation Mini Pilot Plant Experience at Falconbridge Limited**, Proc. Mineral Process Modelling, Simulation and Control, Laurentian University, Sudbury, Canada, June 6-7, 2006, pp. 329-355.
9. **Lotter, N.O., and Laplante, A.R., Statistical Benchmark Surveying of Production Concentrators**, Minerals Engineering Conference: Processing of Nickel Ores and Concentrates, Cape Town, November 2005.
10. **Fragomeni, D., Boyd, L.J., Charland, A., Kormos, L.J., Lotter, N.O., and Potts, G., The Use of End-Members for Grind-Recovery Modelling, Tonnage Prediction and Flowsheet Development at Raglan**, Canadian Mineral Processors, Ottawa, January 2005, Paper No. 6, pp. 75-98.
11. **Lotter, N.O., and Laplante, A.R., Residual Effects of Lognormality in Concentrator Data**, Paper No. 20, Canadian Mineral Processors' Conference, Ottawa, January 2005.
12. **Baum, W., Lotter, N.O., and Whittaker, P.J., Process Mineralogy – a New Generation of Ore Characterization and Plant Optimization**, SME Annual Meeting and Exhibit, Denver, Preprint, February 2004.
13. **Lotter, N.O., Kowal, D.L., Tuzun, M.A., Whittaker, P.J., and Kormos, L.J., Sampling and Flotation Testing of Sudbury Basin Drill Core for Process Mineralogy Modelling**, SME Preprint 03-023, Cincinnati, Ohio, February 2003.
14. **Lotter, N.O., Whittaker, P.J., Kormos, L.J., Stickling, J.S., and Wilkie, G.J., The**



- Development of Process Mineralogy at Falconbridge Limited, and Application to the Raglan Mill*, Canadian Mineral Processors' Conference, Ottawa, Paper No. 1, January 2002.
15. **Lotter, N.O., O'Connor, C.T., and Clark, I.**, *The Evaluation Bias Errors of the Platinum-Group Elements (PGE) Associated with Gravimetric Fire-Assaying Practice in Rustenburg Section of the Bushveld Complex, South Africa*, SME Annual Meeting and Exhibit, February 2000.
 16. **Lotter, N.O., and Munro, H.C.**, *The Development of High-Confidence Flotation Test Data at Rustenburg Platinum Mines Limited*, J. Mine Met. Mgrs. Assoc., 1/94, pp. 29-50, October 1994.
 17. **Lotter, N.O.**, *A Quality Control Model for the Development of High-Confidence Flotation Test Data*, SME Annual Meeting and Exhibit, Preprint 95-40, February 1995.

Refereed Journals

1. **Lotter, N.O., Bradshaw, D.J., Kormos, L.J., Becker, M., and Parolis, L.**, *A Discussion Of Orthopyroxene Occurrence And Its Undesirable Flotation Behaviour In The Processing Of Ultramafic Deposits*, Minerals Engineering, Special Issue, Flotation 07, 21, (2008), pp. 905-912..
2. **Lotter, N.O.**, *Distribution Modelling of Nickel in Final Tailings at Raglan, Quebec*, Minerals Engineering, 20, 2007, pp. 1067-1074.
3. **Lotter, N.O., and Laplante, A.R.**, *The Campaign Survey Model – a Case Study at the Raglan Mine, Québec*, Minerals Engineering, 20 (2007) pp. 480-486.
4. **Lotter, N.O., and Laplante, A.R.**, *Statistical Benchmark Surveying of Production Concentrators*, Minerals Engineering, 20 (2007) pp. 793-801.
5. **Lotter, N.O., Kowal, D.L., Tuzun, M.A., Whittaker, P.J., and Kormos, L.J.**, *Sampling and Flotation Testing of Sudbury Basin Drill Core for Process Mineralogy Modelling*, Minerals Engineering, September 2003, 16, pp. 857-864.
6. **Lotter, N.O., Whittaker, P.J., Kormos, L.J., Stickling, J.S., and Wilkie, G.J.**, *The Development of Process Mineralogy at Falconbridge Limited, and Application to the Raglan Mill*, CIM Bulletin, vol. 95, no. 1066, pp. 85-92, November/December 2002.
7. **Lotter, N.O.**, *Review of Evaluation Models for the Representative Sampling of Ore*, J S Afr. Inst. Min. Metall., 95, (4), pp. 149-155.

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