

2008 OSTRF Publications

1. H. Kaminsky, T.H. Etsell, D.G. Ivey and O.E. Omotoso. 2008. Characterization of Heavy Minerals in the Athabasca Oil Sands. *Minerals Engineering*, **21** (2008) 264-271.
2. Elenany, M.G.S., Hall, N., Rajaratnam, N. and Zhu, D.Z. 2008. Observations on sand jets in air, submitted to *Journal of Hydraulic Research*.
3. A. Hooshiar, P. Uhlik, H. Kaminsky, T. Etsell, Q. Liu, O. Omotoso and D.G. Ivey, "Characterization of Fine Fractions in Bitumen Froth and Tailings Produced by Hot Water Extraction of Oil Sands from the Athabasca Region, Alberta, Canada", 235th ACS National Meeting, April 6-10, 2008, New Orleans, La.
4. Beier, N., and Sego, D.C. 2008. The Oil Sands Tailings Research Facility, *Geotechnical News*, **26**:2, June 2008, 72-77.

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5. Beier, N., and Sego, D.C. 2007. The Oil Sands Tailings Research Facility, Proceedings of 60th Canadian Geotechnical Conference, OttawaGeo 2007, Ottawa, Ontario, October 21-24, 2007. 8p
6. Mihiretu, Y., Chalaturnyk, R., and Scott, J.D. 2007. Segregation study by Flume Test. Proceedings of 60th Canadian Geotechnical Conference, OttawaGeo 2007, Ottawa, Ontario, October 21-24, 2007. 8p
7. Beier, N, Sego, D.C, Donahue, R, Kevin Biggar, KW. 2007. Laboratory investigation on freeze separation of saline mine waste water, *Cold Regions Science and Technology*, **48**: 239-247.
8. Beier, N., Sego, D., Donahue, R., and Biggar, K. 2007. Trickle-freeze separation of contaminants from saline waste water. *International Journal of Mining, Reclamation and Environment*, **21**:2, 144-156
9. Beier, N., Biggar, K. Sego, D. and Donahue, R. 2007. Freeze Separation of Saline Mine Waste Water. Proceeding of the Fifth Biennial Workshop on Assessment and Remediation of Contaminated Sites in Arctic and Cold Climates. Edmonton, May 7-8, 2007 pp: 216-225.
10. Elenany, M.G., Hall, N., Zhu, D.Z. and Rajaratnam, N. (2007) Experimental Study on Sand Jets in Water. *Hydraulic Measurements & Experimental Methods 2007*, Crowne Plaza Resort & Golf Club, Lake Placid, New York, Sept. 10-12, 2007

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11. H. Kaminsky, T. Etsell, D.G. Ivey and O. Omotoso, 2006, *Fundamental Particle Size of Clay Minerals in Athabasca Oil Sands Tailings*, *Clay Science*, Vol. 12, 217-222.
12. H. Kaminsky, T.H. Etsell, D.G. Ivey and O.E. Omotoso, "Characterization of Heavy Minerals in the Athabasca Oil Sands", *CIM Conference and Exhibition*, Vancouver, BC, May 14-17, 2006.

13. H. Kaminsky, D.G. Ivey, T.H. Etsell and O. Omotoso, *Characterization of Oil Sands Minerals*, Oil Sands 2006, University of Alberta, February 22-24, 2006.
14. Jeeravipoolvarn, S., Scott, J.D., and Chalaturnyk, R.J. Three ten metre high standpipe tests on tailings. Proceedings of 59th Canadian Geotechnical Conference, Sea to Sky Geotechnique 2006, Vancouver, B.C., October 1-4, 2006, 8p.
15. M. Chang, Z. Xu, S. Liu, A. Nelson, K. Hashmi, and O. Omotoso. 2006. Recovery of kaolinite from oil sands fine tailings using the CANMET hydrocyclone. Proceedings of Hydrocyclones 06, Falmouth, UK, June 14-15, 2006.

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16. H. Kaminsky, T. Etsell, D.G. Ivey and O. Omotoso, "Fundamental Particle Size of Clay Minerals in Athabasca Oil Sands Middlings", *13th International Clay Conference*, Tokyo, Japan, August 21-27, 2005.
17. Beier, N., Biggar, K.W., Donahue, R. and Segoo, D.C.. 2005. Freeze Separation of Contaminants from Salt Contaminated Water: Proceedings of 58th Canadian Geotechnical Conference, GeoSask 2005, Saskatoon, Saskatchewan, September 18-25, 2005. 8p
18. Niven, E., Robertson, P.K., Segoo, D.C. and Woeller, D., 2005. On The Use of the SPT and CPT in Loose Sands. Proceedings of 58th Canadian Geotechnical Conference, GeoSask 2005, Saskatoon, Saskatchewan, September 18-25, 2005. 8p

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19. Guo, C., Chalaturnyk, R.J., Scott, J.D. and Mackinnon, M. 2004. Densification of Oil Sands Tailings by Biological Activity. Proceedings of 57th Canadian Geotechnical Conference, GeoQuebec 2004, Quebec City, Quebec, October 24 - 27 2004, 8p
20. Scott, J.D., Chalaturnyk, R.J., and Jeeravipoolvarn, S. 2004. Fine Tailings decrease in volume by creep compression. Proceedings of 57th Canadian Geotechnical Conference, GeoQuebec 2004, Quebec City, Quebec, October 24 - 27 2004, 8p

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21. Guo, C., Chalaturnyk, R.J., Scott, J.D., Mackinnon, M. and Cyre, G. 2002. Geotechnical Investigation of the Rapid Densification Phenomenon of Oil Sands Mature Fine Tailings by Biological Activity. Proceedings of 55th Canadian Geotechnical Conference, Niagara Falls, Ontario October 20 - 23 2003, 8p