



EXTRACTIVE METALLURGY GROUP PUBLICATIONS TO DATE

1. **Kwatara, M, Tayabally, J, Peek, E, and Schonewille, R.** *Segregation Roasting of a Saprolitic Laterite Ore: An Experimental Investigation*, TMS 2011 Chloride Symposium, February 2011, San Diego
2. **Peek, E.** *Chloride Metallurgy: Process Technology Development*, TMS 2011 Chloride Symposium, February 2011, San Diego
3. **Tripathi, N, Peek E and Stroud, M.** *Advanced Process Modeling at the BCL Smelter: Improving Economic and Environmental Performance*, Journal of Metals, January 2011, Vol. 63, No. 1, pp 61-65.
4. **Peek, E, Barnes A and Tuzun A.** *Nickeliferous Pyrrhotite – “Waste or Resource?”* Minerals Engineering Journal Oct 2010. Nickel Processing 2010.
5. **Peek, E, and McGlynn, F.** *The XPS Difference –Customer Driven Innovation.* COM 2011, Management in Metallurgy Symposium, October 2010, Vancouver, BC.
6. **Coursol, P., Tripathi, N., Mackey, P., Legget, T., and Friedberg, A.,** *Slag Chemistry of Mitsubishi S and CL Furnace at the Xstrata Copper-Kidd Metallurgical Site*, CMQ, Accepted for publication.
7. **Tripathi, N., Coursol, P., Morissette, M., and Mackey, P.,** *New Metallurgical Model for the Horne Smelter of Xstrata Copper*, COM 2009, Sudbury, Canada.
8. **Peek, E, Asselin E, and Akre, T.** *Technical and Business Considerations of Cobalt Hydrometallurgy*, Journal of Metals, October 2009, Vol. 61, No. 10, pp 43-53.
9. **Tripathi, N., Coursol, P., Kreuh, M., Tisdale, D., and Mackey, P.,** *Advanced Metallurgical Modeling of Ni-Cu Smelting at the Xstrata Nickel Sudbury Smelter*, 6th International Pierce Smith Converting Centennial Symposium, TMS 2009, San Francisco, USA.
10. **Barnes, A.R., Mackey, P.J., and Alvear, G.,** *Process Development and Growth of Non-Ferrous Metals production: The Role of Pilot Plants.* Plenary Address, European Metallurgical Conference, Innsbruck, Austria, July 2009.
11. **Diaz, C.M., and Mackey, P.J.,** *The Copper-Cobre Series of Conferences: A Prime Forum for Active Discussion of Copper Smelting Technology Practice and Innovation*, 6th Copper Conference – Cu2007, Toronto, August 2007,
12. **Kreuh, M., Wraith, A.E., McEwan, M., and Lind, P.,** *Tuyere Pressure Frequency Measurements in a Peirce Smith Converter*, 6th Copper Conference – Cu 2007, Toronto, August 2007, (in Press).
13. **Coursol, P., Mackey, P.J., Prevost, Y., and Zamalloa, M.,** *Optimization of the Noranda Continuous Converter Slag Chemistry at Xstrata Copper in Rouyn-Noranda*, CIM Bulletin, March/April, 2007, p. 83.
14. **Mackey, P.J.,** *The Changing Landscape in Copper in 2007*, CIM Bulletin, March/April, 2007, pp. 35-42.
15. **Warner, A.E.M., Diaz, C.M., Dalvi, A.D., Mackey, P.J., Tarasov, A.V., and Jones, R.T.,** *JOM World Non-ferrous Smelter Survey, Part IV- Nickel-Sulphides*, Journal of Metals, March 2007, pp. 81-95.
16. **Warner, A.E.M., Diaz, C.M., Dalvi, A.D., Mackey, P.J., and Tarasov, A.V.,** *JOM World Non-ferrous Smelter Survey, Part III- Nickel-Laterites*, Journal of Metals, April 2006, pp. 11-20.



17. **Barnes, A.R., and Newall, A.F.**, *Spinel Removal from PGM Smelting Furnaces*, Southern Africa Pyrometallurgy 2006 International Conference, Ed Jones, R. T., SAIMM, Johannesburg, March 2006
18. **Lehner, T., and Mackey, P.J.**, *Investments, Innovations and Industrial Productivity*, Paper presented to Floyd Symposium, The Aus. IMM, Melbourne, Victoria, Australia, July 2005.
19. **Nesset, J.E., Mackey, P.J., Kim, J.Y., Laplante, A.R., and Di Prisco, G.**, *Low Grade Cu-Au Deposits: Predicting the Relationship Between Copper and Gold Performance in Flotation and the Potential for Gravity Gold Recovery*, Paper presented to the 37th Annual Meeting of The Canadian Mineral Processors (Ed. S. Wilson), Ottawa, Ontario, Canada, 18-20 Jan. 2005, The Canadian Institute of Mining, Metallurgy and Petroleum, 2005 pp. 683-699.
20. **Coursol, P., Stubina, N., Carissimi, E., Zamalloa, M., and Mackey, P.J.**, *Industrial Development of a Novel Sulphate System for Copper Pyro-Refining*, Journal of Metals, Vol. 56, No. 12, December 2004, pp. 41-46.
21. **Mackey, P.J., and Wraith, A.E.**, *Developments in Copper quality: An Historical Perspective*, Trans. Inst. Mining and Metall. (London), Section C-Mineral Processing and Extractive Metallurgy, Vol. 113, March 2004, pp. C24-C 37.
22. **Coursol, P., and Larouche, P.**, *Using Carbonate Fluxes to Remove Oxygen and Sulphur from Blister Copper*, Journal of Metals, July 2004.
23. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.**, *The CaSO₄-CaO-Ca₃(AsO₄)₂ Phase Diagram*, Canadian Metallurgical Quarterly, November 2004.
24. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.**, *The CaSO₄-Na₂SO₄-CaO Phase Diagram*, Canadian Metallurgical Quarterly, November 2004.
25. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.**, *The CaSO₄-Na₂SO₄-Ca₃(AsO₄)₂-Na₃(AsO₄) Phase Diagram*, Metallurgical and Materials Transactions, November 2004.
26. **Ramavchandran, V. (Ram), Diaz, C.M., Eltringham, A., Jiang, C.Y., Lehner, T., Mackey, P.J., Newman, C.J., and Tarasov, A.V.**, *Primary Copper Production – A Survey of Operating World Copper Smelters*, Pyrometallurgy of Copper - Proceedings of the Copper 2003-Cobre 2003 International Conference, Volume IV-Book 1, Chile, (Eds. C.Diaz, J.Kapusta and C.J.Newman), November, 2003, 1995, Santiago, Chile. The CIME, The Metallurgical Society of CIM and TMS, Montreal, 2003 pp.3-106.
27. **Zamalloa, M., Coursol, P., and Mackey, P.J.**, *Pyrorefining of Blister Copper by a Novel In-Situ Melt Scrubbing Process*, Pyrometallurgy of Copper - Proceedings of the Copper 2003-Cobre 2003 International Conference, Volume IV, Chile, (Eds. C.Diaz, C.Landolt and T.Utigard), November, 2003, 1995, Santiago, Chile, The CIME, The Metallurgical Society of CIM and TMS, Montreal, Quebec, Canada, 2003 pp. 79-98.
28. **Mackey, P.J., and Nesset, J.E.**, *The Impact of Commissioning and Start-up Performance on a Mining/Metallurgical Project*, paper presented to the 35th Annual Meeting of The Canadian Mineral Processors (Ed. S. Wilson), Ottawa, Ontario, Canada, 21-23 January 2003, The Canadian Institute of Mining, Metallurgy and Petroleum, 2003, pp. 331-347.

January 2011