



## EXTRACTIVE METALLURGY GROUP PUBLICATIONS TO DATE

1. **Coursol, P., Mackey, P.J., Prevost, Y., and Zamalloa, M.,** *Noranda Process Reactor at Xstrata Copper - Impact on Minor Slag Components (CaO, Al<sub>2</sub>O<sub>3</sub>, MgO, ZnO) on the Optimum %Fe/%SiO<sub>2</sub> Ratio in Slag and Operating Temperature*, 6<sup>th</sup> Copper Conference – Cu2007, Toronto, August 2007, (in Press).
2. **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*, 6<sup>th</sup> Copper Conference – Cu2007, Toronto, August 2007, (in Press).
3. **Kreuh, M., Wraith, A.E., McEwan, M., and Lind, P.,** *Tuyere Pressure Frequency Measurements in a Peirce Smith Converter*, 6<sup>th</sup> Copper Conference – Cu 2007, Toronto, August 2007, (in Press).
4. **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.
5. **Mackey, P.J.,** *The Changing Landscape in Copper in 2007*, CIM Bulletin, March/April, 2007, pp. 35-42.
6. **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.
7. **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.
8. **Lehner, T., and Mackey, P.J.,** *Investments, Innovations and Industrial Productivity*, Paper presented to Floyd Symposium, The Aus. IMM, Melbourne, Victoria, Australia, July 2005.
9. **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 37<sup>th</sup> 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.
10. **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.
11. **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.
12. **Coursol, P., and Larouche, P.,** *Using Carbonate Fluxes to Remove Oxygen and Sulphur from Blister Copper*, Journal of Metals, July 2004.
13. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.,** *The CaSO<sub>4</sub>-CaO-Ca<sub>3</sub>(AsO<sub>4</sub>)<sub>2</sub> Phase Diagram*, Canadian Metallurgical Quarterly, November 2004.
14. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.,** *The CaSO<sub>4</sub>-Na<sub>2</sub>SO<sub>4</sub>-CaO Phase Diagram*, Canadian Metallurgical Quarterly, November 2004.



15. **Coursol, P., Pelton, A.D., Chartrand, P., and Zamalloa, M.,** *The  $\text{CaSO}_4\text{-Na}_2\text{SO}_4\text{-Ca}_3(\text{AsO}_4)_2\text{-Na}_3(\text{AsO}_4)$  Phase Diagram*, Metallurgical and Materials Transactions, November 2004.
16. **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.
17. **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.
18. **Mackey, P.J., and Nessel, J.E.,** *The Impact of Commissioning and Start-up Performance on a Mining/Metallurgical Project*, paper presented to the 35<sup>th</sup> 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.

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