

SCIENTIFIC PUBLICATIONS AND CONFERENCE PRESENTATIONS ON ORE DEPOSITS WITH CONTRIBUTIONS FROM GF CONSULT STAFF

- Elodie Le Mignot, Luc Siebenaller, Didier Béziat, Anne-Sylvie André-Mayer, Laurie Reisberg, Stefano Salvi, Germán Velasquez, Catherine Zimmermann, Athanase Naré, and Guy Franceschi. The Paleoproterozoic Copper-Gold Deposits of the Gaoua District, Burkina Faso: Superposition of Orogenic Gold on a Porphyry Copper Occurrence? 2017. *Economic Geology*, v. 112, pp. 99–122.
- Pascal Ouyia; Luc Siebenaller, Ph.D.; Seta Naba, Ph.D.; Didier Béziat, Pr.; Stefano Salvi, Ph.D.; Lenka Baratoux, Ph.D.; Athanase Naré; Guy Franceschi. The Nassara Gold Prospect, Gaoua District, southwestern Burkina Faso. 2016. *Ore Geology Reviews*, Vol.78, pp. 623-630.
- Luc Siebenaller, Ph.D.; Didier Béziat, Pr.; Elodie Le Mignot, Ph.D.; Seta Naba, Ph.D.; Stefano Salvi, Ph.D.; Lenka Baratoux, Ph.D.; Anne-Sylvie André-Mayer, Pr.; Athanase Naré, Msc; Guy Franceschi. The Gaoua porphyry Cu-Au deposit, SW Burkina Faso. 2015. *Ore Geology Reviews*.
- L. Baratoux, V. Metelka, S. Naba, P. Ouyia, L. Siebenaller, M.W. Jessell, A. Nare, S. Salvi, D. Beziat, G. Franceschi. 2015. Tectonic evolution of the Gaoua region, Burkina Faso: Implications for Mineralization. *Journal of African Earth Sciences* 112 (2015) 419-439.
- Van Wilderode, J., Heijlen, W., De Muynck, D., Schneider, J., Vanhaecke, F. & Muechez, Ph., 2013. *The Kipushi Cu-Zn deposit (DR Congo) and its host rocks: A petrographical, stable isotope (O, C) and radiogenic isotope (Sr, Nd) study*. *Journal of African Earth Sciences*, v. 79, p. 43-156
- Franceschi, G., 2012. The Kiaka Gold Project. Presentation at the Promin Congres 2012, Ouagadougou, Burkina Faso.
- Franceschi, G., 2009. The Gaoua copper-gold porphyry project, Burkina Faso, West Africa. Presentations at the Prospectors and Developers Annual Convention, Toronto, Canada.
- Heijlen, W., Banks, D.A., Muechez, Ph., Stensgard, B.M. & Yardley, B.W.D., 2008. *The nature of mineralizing fluids of the Kipushi Zn-Cu deposit (Katanga, Democratic Republic of Congo): Quantitative fluid inclusion analysis using Laser Ablation ICP-MS and bulk crush-leach methods*. *Economic Geology*, v. 103, p. 1459-1482
- El Desouky, H., Haest, M., Muechez, Ph., Dewaele, S., Cailteux, J. & Heijlen, W., 2007. *Fluid evolution in the Katanga Copperbelt, DRC*. Proceeding of the 9th Biennial Meeting of the Society for Geology applied to mineral deposits, Dublin, Ireland, p. 213-216
- Muechez, Ph., Brems, D., El Desouky, H., Haest, M., Vanderhaeghen, P., Dewaele, S., Heijlen, W. & Mukumba, W., 2007. *Base metal ore deposit evolution and geodynamics in the Central African Copperbelt*. Proceeding of the 9th Biennial Meeting of the Society for Geology applied to mineral deposits, Dublin, Ireland, p. 209-212
- Dewaele, S., Muechez, Ph., Heijlen, W., Boutwood, A., Lemmon, T. & Tyler, R., 2006. *Reconstruction of the hydrothermal history of the Cu-Ag vein-type mineralisation at Dikulushi, Kundulungu foreland, Katanga, D.R. Congo*. *Journal of Geochemical Exploration*, v. 89, p. 376-379

- Eilu, P., Garofalo, P., Appel, P.W.U. & Heijlen, W., 2006. *Alteration patterns in Au-mineralised zones of Storø, Nuuk region - West Greenland*. Danmarks og Grønlands Geologisk Undersøgelse rapport 2006/30
- Appel, P.W.U., Coller, D., Coller, V., Heijlen, W., Moberg, E.D., Polat, A., Raith, J., Schjøth, F., Stendal, H. & Thomassen, B., 2005. *Is there a gold province in the Nuuk region?* Danmarks og Grønlands Geologisk Undersøgelse rapport 2005/27, 79 p
- Dewaele, S., Muchez, Ph., Heijlen, W., Boutwood, A., Lemmon, T. & Tyler, R., 2005. *Superposition of two hydrothermal systems during formation of a Cu-Ag vein-type mineralisation in the Kundulungu foreland, Dikulushi, Katanga, D.R. Congo*. Mineral Deposits Study Group Annual Winter Conference, 4-6 January, Belfast, United Kingdom
- Muchez, Ph., Heijlen, W., Banks, D., Blundell, D., Boni, M. & Grandia, F, 2005. *Extensional tectonics and the timing and formation of basin-hosted deposits in Europe*. Ore Geology Reviews, v. 27, p. 241-267
- Franceschi, G., Chartry, G., Lahogue, P., Fernandez M. and Tack, L., 2004. An updated and upgraded inventory of mineral occurrences of the Democratic Republic of Congo with vectorized geological map layer for GIS browsing and query. International Geological Correlation Programme 470, Kinshasa, R.D. Congo.
- Franceschi, G., 2004, *The Mineral Industry in Luxembourg in 2003*. Mining Annual Review 2004, The Mining Journal, London, U.K
- Franceschi, G., 2004, *The Mineral Industry in Belgium in 2003*. Mining Annual Review 2004, The Mining Journal, London, U.K
- Heijlen, W., Muchez, Ph., Franceschi, G., Tack, L., Lemmon, T., Boutwood, A. & Schneider, J., 2004. *Cu (Zn, Pb, Ag) occurrences in the Lufilian foreland: metallogenic implications from a diagenetic and Pb-isotopic study*. 20th Colloquium on African Geology, 2-7 June 2004, Orléans, France, p. 191
- Kanda Nkula, V., Tack, L., Fernandez-Alonso, M., Franceschi, G. & Frimmel, H., 2004. *The Pan African West Congo and Katanga thrust and fold belts and their foreland domains: similarities and differences in Neoproterozoic basin evolution and mineralization*. 20th Colloquium on African Geology, 2-7 June 2004, Orléans, France, p. 227
- Kesler, S.E., Chesley, J.T., Christensen, J.N., Hagni, R.D., Heijlen, W., Kyle, J.R., Muchez, P., Misra, K.C. & van der Voo, R., 2004. *Discussion of "Tectonic controls of Mississippi Valley-type lead-zinc mineralization in orogenic forelands" by D.C. Bradley and D.L. Leach*. Mineralium Deposita, v. 39, p. 512-514.
- P. Williamson; Tim C. Pharaoh, F. McEvoy, K. Rollin, Guy Franceschi, Walter De Vos, J. Van Orsmael. Reinterpretation of potential field data over the Brabant Massif in southern Flanders, Belgium. 2004. Conference Paper · October 2004. Conference: Avalonia-Moesia symposium & workshop, Volume: Abstracts p 46.
- Chartry, G., Franceschi, G., Baudet, D. & Lahogue, P., 2003. *The 1:2.000.000 scale mineral occurrences map (1976) of the Democratic Republic of Congo (DRC) revised*. International Geological Correlation Programme 450 Conference 2003, Lubumbashi, D.R.Congo, p. 173-175

- Heijlen, W., Muchez, Ph., Banks, D.A., Schneider, J., Kucha, H. & Keppens, E., 2003. *Carbonate-hosted Zn-Pb deposits in Upper Silesia, Poland: Origin and evolution of the mineralizing fluids and constraints on genetic models*. *Economic Geology*, v. 98, p. 911-932
- Heijlen, W. & Muchez, Ph., 2003. *Palaeohydrogeology and geodynamic framework of carbonate-hosted Zn-Pb mineralisation in Europe and North America: Insights from fluid composition and Pb isotope systematics*. In: Eliopoulos, D.G. et al. (Eds) *Mineral Exploration and Sustainable Development*. Proceedings of the 7th biennial SGA meeting, Athens, Balkema, Lisse, p. 681-684
- Kanda Nkula, V., Franceschi, G. & Tack, L., 2003. *Late Pan African fault-related, sediment-hosted, base metal mineralization in the Democratic Republic of Congo (DRC): emplacement and genetic similarities and differences. The examples of Bamba-Kilenda (Bas-Congo), Duikulushi, Kapulo and Kipushi (Katanga)*. *International Geological Correlation Programme 450 Conference 2003, Lubumbashi, D.R.Congo*, p. 150-155
- Muchez, Ph. & Heijlen, W., 2003. *Origin and migration of fluids during the evolution of sedimentary basins and the origin of Zn-Pb deposits in Western and Central Europe*. *Journal of Geochemical Exploration*, v. 78-79, p. 553-557
- Muchez, Ph., Heijlen, W. & Schneider, J., 2002. *Extensional tectonism and the formation of Zn-Pb deposits in Western and Central Europe*. In: Degryse, P and Sintubin, M. (Eds.) *Contributions to the Geology of Belgium and Northwest Europe*. Proceedings of the first Geologica Belgica International Meeting, Leuven, Aardkundige Mededelingen 12, Leuven University Press, Leuven, p. 165-168
- Muchez, Ph., Heijlen, W., Schneider, J. & Haack, U., 2001. *A little rain falls but faulting is essential: Extensional tectonics and the origin of Zn-Pb deposits in Western Europe*. In: Piestrzynski, A., et al. (Eds.) *Mineral Deposits at the Beginning of the 21st Century*. Proceedings of the joint 6th biennial SGA-SEG meeting, Krakow, Balkema, Lisse, p. 201-204
- Schneider, J., Heijlen, W., Muchez, Ph. & Haack, U., 2002. *Rb-Sr dating of sphalerites from Pomorzany, Upper Silesia (Poland)*. 12th Annual V.M. Goldschmidt conference, 18-23 August 2002, Davos, Switzerland, p. A683
- Heijlen, W., Muchez, Ph. & Banks, D.A., 2001. *Origin and evolution of high-salinity, Zn-Pb mineralising fluids in the Variscides of Belgium*. *Mineralium Deposita*, v. 36, p. 165-176
- Heijlen, W., Muchez, Ph., Banks, D.A. & Nielsen, P., 2000. *Origin and geochemical evolution of pre-, syn- and post-tectonic high-salinity fluids at the Variscan thrust front in Belgium*. *Journal of Geochemical Exploration*, v. 69-70, p. 149-152
- Suchy, V., Heijlen, W., Sykorova, I., Muchez, Ph., Dobes, P., Hladikova, J., Jackova, I., Safada, J. & Zeman, A., 2000. *Geochemical study of calcite veins in the Silurian and Devonian of the Barrandian Basin (Czech Republic): evidence for widespread post-Variscan fluid flow in the central part of the Bohemian Massif*. *Sedimentary Geology*, v. 131, p. 201-219
- Heijlen, W., Muchez, Ph., Van Hoof, P. & Banks, D.A., 1999. *Origin of Pb-Zn mineralising fluids in the Variscides of Belgium*. In: Stanley, C.J., et al. (Eds.) *Mineral Deposits: Processes to Processing*. Proceedings of the 5th biennial SGA meeting and the 10th quadrennial IAGOD symposium, London, Balkema, Rotterdam, p. 869-872
- Franceschi, G., Tack, L. Fernandez, M. and Tréfois, Ph., 1999. *The prospectivity of the Kundelungu foreland for metallic mineralizations revised (Lufilian Arc, Democratic Republic of Congo)*.

Présentation au workshop Geodesa “World Class Mineral Deposits in Eastern and Southern Africa – their origin and how to find them”, SEAMIC (1999), Dar es Salam, Tanzania.

Franceschi, G. & Ouedraogo, M., 1994. *Mineral Exploration Techniques in the Search for Base- and Precious Metals in the Semi-Arid Terrains of West Africa. The example of Burkina Faso.* International Jules Cornet Symposium, Mons (Belgium), p. 59-60

Bakker, P., Franceschi, G. & Kiely, J., 1992. *The use of electromagnetic and magnetic methods in the exploration for kimberlitic rock : a case history from Western Kenya.* Journal of African Earth Sciences, Vol. 14, p. 511-517

Franceschi, G., 1990. *Primary Gold Mineralization in SW Rwanda.* International Geological Correlation Programme 255 Newsletter/Bulletin, v. 3, pp. 19-25