

## Published Articles

- Potter, E G; **Montreuil, J -F**; Corriveau, L; Davis, W J, 2019, The Southern Breccia metasomatic uranium system of the Great Bear Magmatic Zone, Canada: iron oxide-copper-gold (IOCG) and albitite-hosted uranium linkages: in *Ore deposits: origin, exploration, and exploitation*; Decrée, S (ed.); Robb, L (ed.); Geophysical Monograph Series 242, (ed. 1) 2019 p. 109-130
- Corriveau, L., **Montreuil, J.-F.**, and Potter, E.G., 2016. Alteration facies linkages among iron oxide copper-gold, iron oxide-apatite, and affiliated deposits in the Great Bear Magmatic zone, Northwest Territories, Canada. *Economic Geology*, v. 111, 2045-2072.
- Montreuil, J.-F.**, Corriveau, L., and Davis, W.J., 2016. Tectonomagmatic evolution of the southern Great Bear magmatic zone (Northwest Territories, Canada): Implications for the genesis of iron oxide-alkali-altered hydrothermal systems: *Economic Geology*, v. 111, 2111–2138.
- Montreuil, J.-F.**, Potter, E.G., Corriveau, L., Davis, W.J., 2016. Element mobility patterns in magnetite-group IOCG systems: the Fab IOCG system, Northwest Territories, Canada: *Ore Geology Reviews*, v. 72, 562-584.
- Montreuil, J.-F.**, Corriveau, L., Potter, E.G., and De Toni, A.F., 2016. On the relationship between alteration facies and metal endowment of iron oxide-alkali-altered systems, southern Great Bear magmatic zone (Canada). *Economic Geology*, v. 111, 2139-2168.
- Ootes, L., Snyder, D., Davis, W.J., Acosta-Góngora, P., Corriveau, L., Mumin, A.H., Gleeson, S.A., Samson, I.M., **Montreuil, J.-F.**, Potter, E., Jackson, V.A., 2016. A Paleoproterozoic Andean-type iron oxide copper-gold environment, the Great Bear magmatic zone, NW Canada. *Ore Geology Reviews*, DOI:10.1016/j.oregeorev.2016.09.024
- Montreuil, J.F.**, Corriveau, L., Potter, E.G., 2015, Formation of albitite-hosted uranium within IOCG systems: the Southern Breccia, Great Bear magmatic zone, Northwest Territories, Canada: *Mineralium Deposita*, v. 50, 293-325.
- Montreuil, J.-F.**, Corriveau, L., Grunsky, E., 2013. Compositional data analysis of IOCG systems, Great Bear magmatic zone, Canada: To each alteration types its own geochemical signature. *Geochemistry: Exploration, Environment, Analysis*, v. 13, 229-247.
- Hayward, N., Enkin, R.J., Corriveau, L., **Montreuil, J.F.**, The Application of Rapid, Semi-Quantitative Potential Field Methods for the Targeting of IOCG Mineralisation based on Physical Property Data, Great Bear Magmatic Zone, Canada. *Journal of Applied Geophysics*, v. 94, 229-247.
- Montreuil, J.-F.**, Constantin, M., 2010. The geochemistry of mafic gneisses from the Renzy terrane, western Grenville Province, Quebec: Implications for the geodynamic setting of the early Mesoproterozoic Laurentia margin. *Precambrian Research*, 181, 150-166.

## Geological Survey of Canada Publications

- Corriveau, L., Potter, E., Montreuil, J.-F., Blein, O., Ehrig, K., De Toni, A., 2018, Les systèmes minéralisateurs à oxydes de fer et altération à éléments alcalins ( $\pm$ calciques), et leurs gîtes IOA, IOCG, skarns, U $\pm$ Au $\pm$ Co (au sein d'albitites) et affiliés : une série de cours intensifs. Partie 2 : Aperçu général des types de gîtes, distribution, âges, contextes, exemples, faciès d'altération et modèles métallogéniques. Geological Survey of Canada, Scientific Presentation 81, 2018, 154 pages
- Corriveau, L., Lauzière, K., **Montreuil**, J.-F., Potter, R., Prémont, S., 2015, Dataset of geochemical data from iron oxide alkali-altered mineralising systems of the Great Bear magmatic zone, Northwest Territories: Geological Survey of Canada, Open File 7643, 2015; 24 p.
- Corriveau, L., Nadeau, O., **Montreuil**, J.-F., Desrochers, J.-P., 2014, Report of activities for the Core Zone: Strategic geomapping and geoscience to assess the mineral potential of the Labrador Trough for multiple metals IOCG and affiliated deposits, Canada: Geological Survey of Canada, Open File 7714, 2014; 12 p.
- Gandhi, S.S., **Montreuil**, J.-F., Corriveau, L., 2014, Geology and mineral occurrences, Mazenod Lake - Lou Lake area, Northwest Territories: Geological Survey of Canada, Canadian Geoscience Map 148, 1 sheet.
- Potter, E.G., Corriveau, L., **Montreuil**, J.-F., Zang, Z., Comeau, J.-S., 2014, Geochemical signatures of uraninite from iron oxide-copper-gold (IOCG) systems of the Great Bear magmatic zone, Canada: Geological Survey of Canada, Open File 7545, 1 sheet.
- Potter, E.G., **Montreuil**, J.F., Corriveau, L., De Toni, A.-F., Geology and hydrothermal alteration of the Fab lake region, Northwest Territories: Geological Survey of Canada, Open File 7339, 26 p.