

LISTING OF PUBLICATIONS

Refereed journal publications

- Arne, D., Mackie, R. and Pennimpede, C., 2018, Catchment Analysis of Re-analyzed Regional Stream Sediment Geochemical Data from the Yukon. Explore No. 179, pp. 1-13.
- Arne, D.C., House, E., Pontual, S. and Huntington, J., 2016, Hyperspectral interpretation of selected drill cores from orogenic gold deposits in central Victoria, Australia, Australian Journal of Earth Sciences, vol. 63, pp. 1003-1025.
- Bierlein, F.P., Reynolds, N., Arne, D., Bargmann, C., McKeag, S., Bullen, W., Al-Athbah, McKnight, S. and Mass, R., 2016, Petrogenesis of a Neoproterozoic magmatic arc hosting porphyry Cu-Au mineralization at Jebel Ohier in the Gebeit Terrane, NE Sudan, Ore Geology Reviews, vol. 79, pp. 133-154.
- Arne, D. Mackie, R. & Jones, S., 2014, The use of property-scale portable x-ray fluorescence data in gold exploration: advantages and disadvantages. Geochemistry: Exploration Environment Analysis, vol. 14, pp. 233-244.
- Arne, D. and MacFarlane, B., 2014, Reproducibility of gold analyses in stream sediment samples from the White Gold District and Dawson Range, Yukon Territory, Canada. Explore, No. 164, p. 1-10.
- Symons, D.T.A. and Arne, D.A., 2005, Paleomagnetic constraints on Zn-Pb ore genesis of the Pillara Mine, Lennard Shelf, Western Australia. Mineralium Deposita, 39: 944-959.
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- Arne, D.C., Stott, J.E. and Waldron, H.M., 1999, Biogeochemistry of the Ballarat East Goldfield, Victoria, Australia, Journal of Geochemical Exploration, 67, 1-14.
- Bierlein, F.P., Waldron, H.M., and Arne, D.C., 1999, Behaviour of Rare Earth and High Field Strength Elements During Hydrothermal Alteration of Meta-turbidites Associated with Mesothermal Gold Mineralization in Central Victoria, Australia. Journal of Geochemical Exploration, 67, 109-125.
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Contributions to Book chapters

Phillips, N., Hughes, M., Arne, D., Carey, S., Bierlein, F., Carey, S.P., Jackson, T., and Willman, C., Gold. 2003, Geology of Victoria. 2nd Edition, pp. 377-432.

Refereed conference publications

- Arne, D., 2018, Practical application of portable XRF in mineral exploration, Advances in X-ray Analysis, Proceedings of the 2017 Denver X-ray Conference, Vol. 61, pp. 94-105.
- Arne, D.C. and Jeffress, G.M., 2014, Sampling and analysis for public reporting of portable X-ray fluorescence data under the 2012 edition of the JORC code. Australasian Institute of Mining and Metallurgy, Sampling 2014, Perth, Australia, pp. 57-63.
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Unrefereed contributions

- Arne, D.C., Mackie, R., Pennimpede, C., Grunsky, E. and Bodnar, M., 2018, Integrated assessment of regional stream-sediment geochemistry for metallic deposits in northwestern British Columbia (parts of NTS 093, 094, 103, 104). Geoscience BC Report 2018-14, 96 p.
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- Mackie, R.A., Arne, D.C. and Pennimpede, C., 2017, Assessment of Yukon regional stream sediment catchment basin and geochemical data quality; Yukon Geological Survey, Open File 2017-4, 36 p.
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- House, E., Arne, D. and Pontual, S., 2014, The hyperspectral interpretation of selected drill cores from orogenic gold deposits in Victoria. Geological Survey of Victoria Technical Record 2014/1, 56 p.
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