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Refereed Journals:

- Thomas, R.J., Bullen, W.D. and Scogings, A.J. 1990. The distribution and genesis of precious and base metal mineralisation in the Natal Metamorphic Province, South Africa. *S. Afr. J. Geol.*, 93 (4), 683-695.
- Bullen, W.D., Thomas R.J. and Scogings, A.J. 1992. Industrial minerals in the Natal metamorphic Province. *S. Afr. J. Geol.*, 95 (½), 51-59.
- Bullen, W.D. and Thomas R.J. 1992. Non-metallic minerals in the Natal Metamorphic Province, South Africa. *IGCP 255*, Bulletin 4, 125-129.
- Thomas, R.J. and Bullen, W.D. 1992. Gold in the Natal Metamorphic Province, South Africa. *IGCP 255*, Bulletin 4, 131-136.
- Thomas, R.J., BÜhmann, D., Bullen, W.D., Scogings, A.J. and De Bruin, D. 1994. Unusual Kibaran spodumene pegmatites from southern Natal, South Africa. *Ore Geology Reviews*, 9, 161-182.
- Bullen, W.D., Thomas, R.J. and McKenzie, A. 1994. Gold in Natal, South Africa. *J. African Earth Sciences*, 18 (2), 99-109.
- Bullen, W. and Zhang, J. 2007. The Economics of Diamond Projects in the Canadian Arctic. Canadian Institute of Mining, Metallurgy and Petroleum. *CIM Magazine*, Dec 2006/Jan 2007, 28-33.
- Bierlein, F.P., McKeag, S., Reynolds, N., Bargmann, C.J., Bullen, W.D., Murphy, F.C., Al-Athbah, H., Brauhart, C., Potma, W., Meffre, S. and McKnight, S. 2016. The Jebel Ohier deposit – a newly discovered porphyry copper-gold system in the Neoproterozoic Arabian Nubian Shield, Red Sea Hills, NE Sudan. *Mineralium Deposita*, 51 (6), 713-724.
- Bierlein, F.P., Reynolds, N., Arne, D., Bargmann, C.J., McKeag, S., Bullen, W.D., Al-Athbah, H., McKnight, S. and Maas, 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*, 71, 133-154.
- Bierlein, F., Potma, W., Cernuschi, F., Brauhart, C., Robinson, J., Bargmann, C., Bullen, W., Henriquez, J., Davies, I., and Kennedy, A. 2020. New Insights into the Evolution and Age of the Neoproterozoic Jebel Ohier Porphyry Copper Deposit, Red Sea Hills, Northeastern Sudan. *Economic Geology*, v. 115, no. 1, pp. 1–31.

Edited Books:

- Bullen, W.D. 1991. Exploration model for Archaean gold in Natal, South Africa, 773-779. In Ladeira (Ed.), *Brazil Gold '91: The economics, geology, geochemistry and genesis of gold deposits*, Balkema, Rotterdam, pp 823.
- Bullen, W.D. 1998. Lithium, 441-443. In Wilson, M.C.G. and Anhaeusser, C.R. (Eds.), *The Mineral Resources of South Africa*, Council for Geoscience, Pretoria, pp 740.
- Bullen, W. and Zhang, J. 2003. Economics of Mining Projects in the Canadian Arctic, 3-18. In Udd and Bekkers (Eds.), *Mining in the Arctic*, CIM, Montreal, pp 404.
- Bullen, W. and Robb, M., 2005. Socio-economic Contribution of Gold Mining in the Yellowknife Mining District, Chapter 4. In Anglin, Falck, Wright and Ambrose (Eds.), *Gold in the Yellowknife Greenstone Belt, Northwest Territories: Results of the EXTECH III Multidisciplinary Research Project*, Association of Canada, Mineral Deposits Division.
- Bullen, W., 2020. New mineral potential mapping methodology for Yukon: Case studies from the Beaver River and Dawson regional land use planning areas. In MacFarlane (Ed.), *Yukon Exploration and Geology 2019*, Yukon Geological Survey, p. 23–42.

Extended Abstracts:

- Bullen, W.D., Thomas, R.J. and Scogings, A.J. 1992. Industrial minerals of the Natal Metamorphic Province. *Gecongress '92*, Extended Abstracts, 65-67.
- Bullen, W.D. and Thomas, R.J. 1993. Possible shear zone-hosted gold in the Mesoproterozoic Ntingwe Dolomite, Zululand. Extended Abstracts, *Mozambique and Related Belts: Evolution and Mineralisation Field workshop*, Zambia and Malawi, 28-30.

- Bullen, W.D., Thomas, R.J. and Mckenzie, A. 1993. Gold in Natal, South Africa. Extended Abstracts, *16th International Colloquium of African Geology*, Swaziland, 61-63.
- Bullen, W.D., Vorster, C.J., Ward, J.H.W. and Veselinovic-Williams. M. 1995. Metallogeny and metallogenic maps - a fundamental part of mineral resource assessment. Extended Abstracts, Centennial Geocongress (1995) Vol. 1, *Geological Society of South Africa*, Rand Afrikaans University, Johannesburg, 152-155.
- Bullen, W.D., Thomas R.J. and Jordaan, L.J. 1995. The genesis of gold mineralisation in the Natal Thrust Belt, KwaZulu/Natal, South Africa. Extended Abstracts, *10th Conference of the Geological Society of Africa*, Nairobi, Kenya, October 1995, 49-51.
- Bullen, W., 2002. Evaluation of Mineral Projects in the Northwest Territories – Government versus Corporate Perspective. *Prospectors and Developers Association of Canada (PDAC) Convention 2002, Toronto, Canada*, Presentation and Abstract.

Selected Abstracts/Presentations:

- Bullen, W., 2002. New Tools and Techniques for Economic Modelling of Mining Projects in the Northwest Territories. *Northwest Territories and Nunavut Chamber of Mines Geoscience Forum 2002, Yellowknife, Canada*, Presentation and Abstract.
- Bullen, W., 2003. The increasing profitability of Gold Projects in the Northwest Territories – there's money to be made out there. *Northwest Territories and Nunavut Chamber of Mines Geoscience Forum 2003, Yellowknife, Canada*, Presentation and Abstract.
- Bullen, W. and Zhang, J. 2003. The Economics of Mining Projects in the Canadian Arctic. *7th International Symposium on Mining in the Arctic (ISMA)*. Iqaluit, Nunavut, (April 2003), Presentation and Abstract.
- Bullen, W., 2003. The Diamond Mining Industry in Canada. *Mining Journal World Conference – Mines and Money 2003, London, United Kingdom*, Invited Speaker.
- Bullen, W. and Zhang, J. 2004. The Economics of Diamond Projects in the Canadian Arctic. Presentation, *CIM Annual Conference (May 2004), Edmonton, Alberta, Canada*, Presentation and Abstract.
- Bullen, W., Bierlein, F., Kumar, P. and Al-Athbah, H. 2015. "OpEx", a New, Integrated, Quantitative Tool to Optimize Exploration Spending and Focus Exploration within a Mineral License. *World Gold Conference 2015 (SAIMM), Johannesburg, South Africa*, Presentation and Abstract.
- Bullen, W., 2020. New mineral potential mapping method, industry applications. *AME Exploration Roundup Conference 2020, Vancouver, Canada*. Presentation and Abstract.

Council for Geoscience (South Africa) Publications:

- Scogings, A.J., Thomas, R.J. and Bullen, W.D. 1993. The Natal Metamorphic Province: A review of metallic and non-metallic mineralisation, with some suggestions for further exploration. *Report 3151*.
- Bullen, W.D. 1994. Greenstone-associated gold deposits in Gabon and the Congo. *Report 1994-0077*.
- Bullen, W.D., Wilson, M.G.C. and Vorster, C.J. 1995. The Metallogeny of the Pietersburg and Tzaneen areas. *Council for Geoscience*, Pretoria, pp 85.

Other Publications/Reports of Interest:

- Bullen, W.D., Nimry, F., Akour, M., Lila, H. and Saudi, A. 1995. Evaluation of the Abu Kusheiba gold occurrence. *Internal Report*, Natural Resources Authority, Amman, Jordan.
- Bullen, W.D., Nimry, F., Akour, M., Lila, H. and Saudi, A. 1996. Primary and secondary gold mineralisation in Wadi Abu Kusheiba, southern Jordan. *Internal Report*, Natural Resources Authority, Amman, Jordan.
- Bullen, W.D. 1996. Jordan's maiden gold discovery. *Mining Magazine*, 317-318.
- Bullen, W.D. 1997. Obenemase mineral deposit model. *Internal Report*, Obenemase Gold Mine. Ghana, West Africa.
- Bullen, W.D., 2006. The East Sakaro Project: Preliminary Technical Report and Scoping Study. *Internal Report*, MIDROC Gold Mine P.L.C., Addis Ababa, Ethiopia.