

T.V. Naber, S.E. Grasby, J.P. Cuthbertson, N. Rayner, and C. Tegner, 2020, New constraints on the age, geochemistry and environmental impact of High Arctic Large Igneous Province magmatism: Tracing the extension of the Alpha Ridge onto Ellesmere Island, Canada: GSA Bulletin; <https://doi.org/10.1130/B35792.1>

Supplemental Material

Supplementary Data Files

1. Sample list and description
2. GPS positions of samples
3. Accuracy of major and trace element bulk rock compositions and precision of repeat analyses
4. Photomicrographs
5. Clinopyroxene, plagioclase and olivine compositions
6. SHRIMP U-Pb methods and results
7. Nb-Zr-Y tectonic discrimination diagram
8. Ti-Zr-Y tectonic discrimination diagram
9. Ti-V tectonic discrimination diagram
10. $\text{MgO-FeO}^{\text{tot}}\text{-Al}_2\text{O}_3$ tectonic discrimination diagram
11. AFM diagram
12. Th/Nb vs. SiO_2 diagram

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