

Figure S1. $206Pb/204Pb$ versus $207Pb/204Pb$ Pb-in-K-feldspar isotopic ratios for K-feldspars from individual channels as indicated in left corner. Key above.

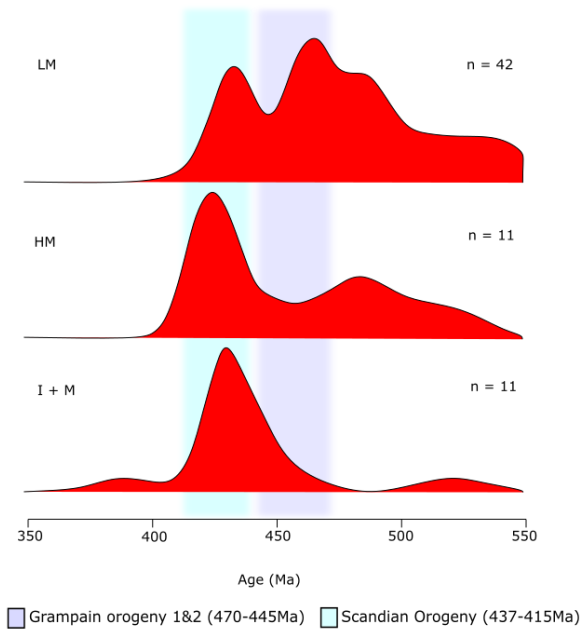


Figure S2. KDE's of basement terrane lithology from trace elements in apatite plotted against age. Only Caledonian (350-550 Ma) were plotted with a bandwidth of 8 Ma. All samples from 5 channel units are plotted together. LM = low grade metamorphic; HM = high grade metamorphic; I + M = I type granitoids and mafic igneous.

