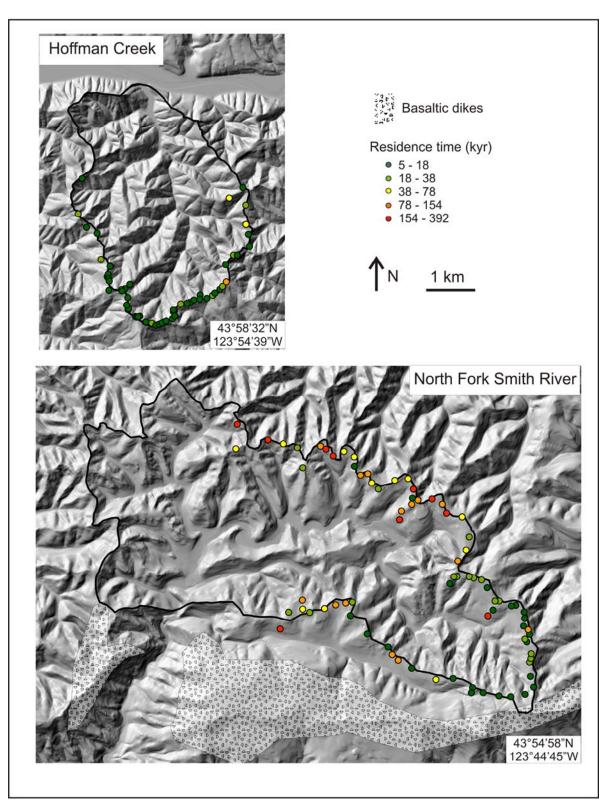


Supplemental Figure DR1. Experimental semi-variogram of HC residence time measurements. Data has been log-transformed and normalized to have a mean of 0. Note that at lags > 100 m, value of semivariance fluctuates around a constant value.



Supplemental Figure DR2. Map of HC and NFSR watersheds with sample locations colored by residence time. Latitude/longitude coordinates are for bottom corner of maps.