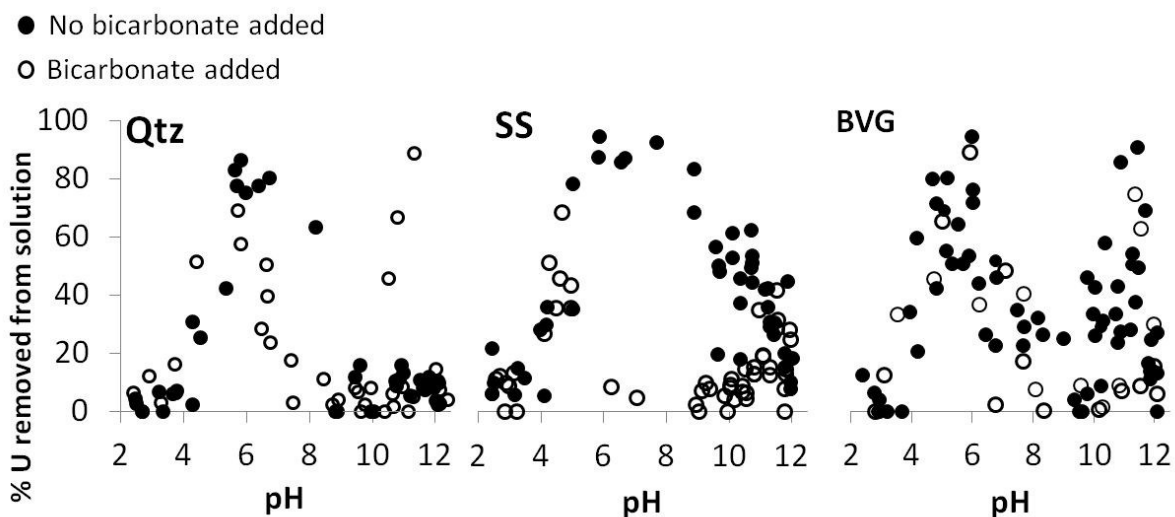


1 Figure S1: Batch adsorption experiments showing the difference in U(VI) sorption to
2 quartz (Qtz), sandstone (SS), and welded tuff (BVG) with (open circles) and without
3 (black circles) the addition of sodium bicarbonate to solution.

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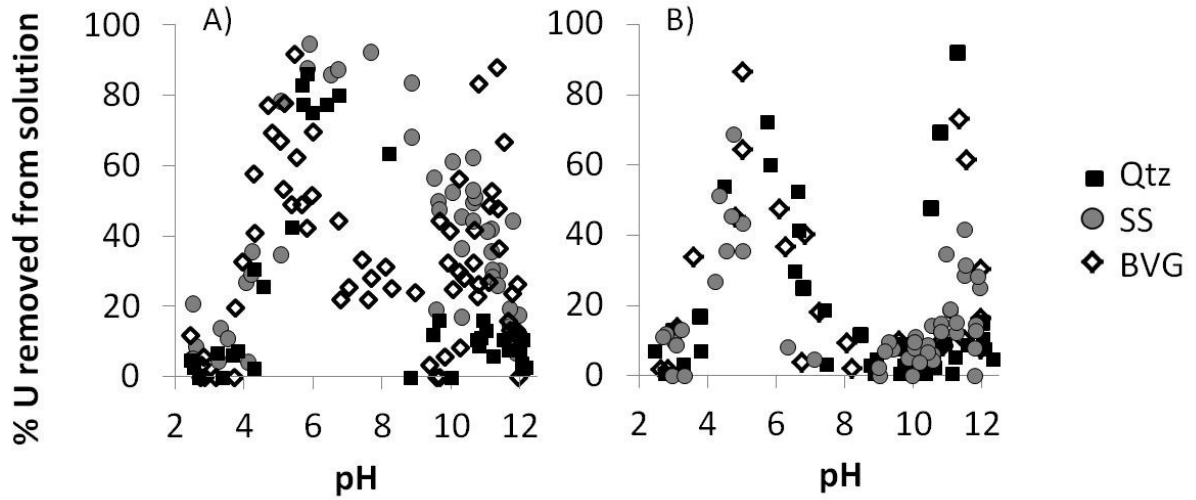
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9 Figure S2: Batch adsorption experiments showing how the type of geosorbent affects
10 the sorption of U from solution as a function of pH. The geosorbents used were quartz
11 (Qtz), sandstone (SS), and welded tuff (BVG) and experiments were conducted without
12 (A) and with (B) the addition of sodium bicarbonate at 10 ppb, 0.1 ppm, 1 ppm, and 10
13 ppm U.



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