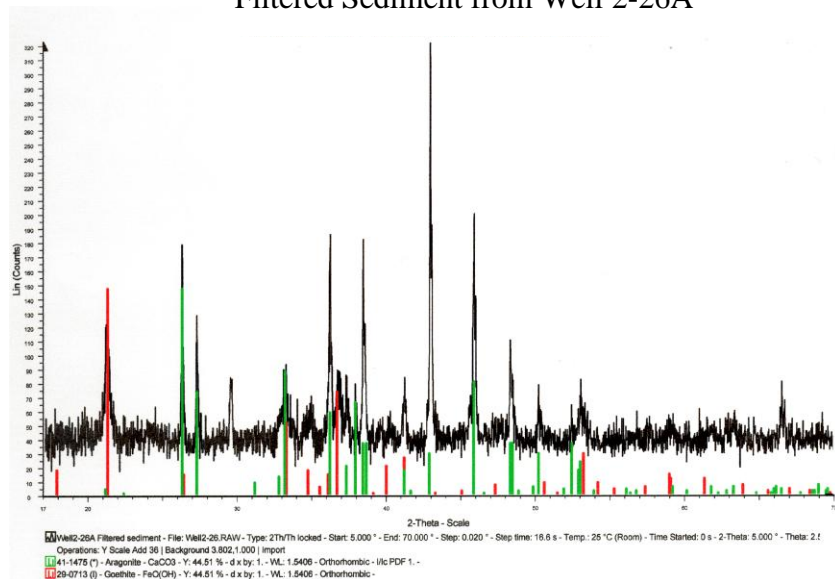
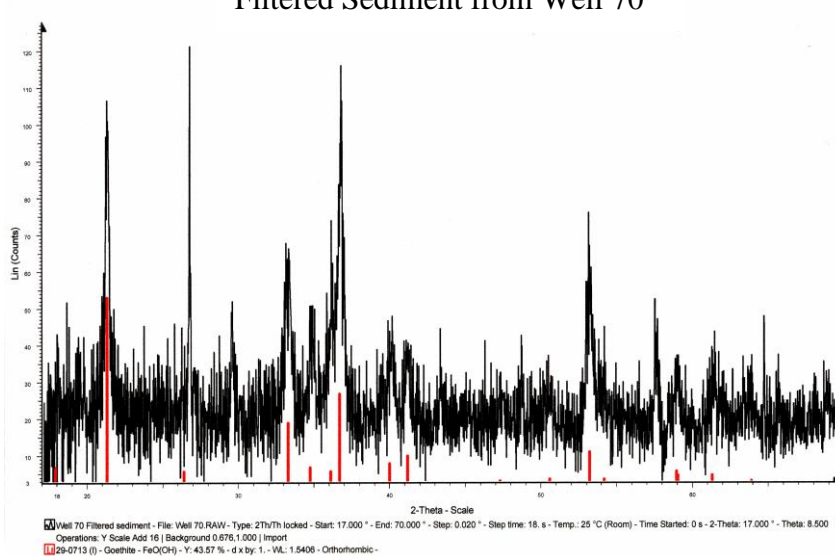


## Supplementary Material

### Filtered Sediment from Well 2-26A



### Filtered Sediment from Well 70



Supplementary Figure 1: XRD scan of solids obtained from Wells 2-26A (Top) and 70 (bottom). The material from Well 2-26A is a mixture of aragonite (CaCO<sub>3</sub>) and goethite (FeO(OH)) while Well 70 contains primarily goethite. Green lines are from the aragonite, while red lines are for the goethite.