

ATTACHMENT 4
PHREEQC INPUT FILE

PHRREQC Input File

TEMPERATURE			
15 C			
EQUILIBRIUM PHASES	Saturation indices	Amount (moles)	
Al(OH)3(am)	0	0	
Anglesite	0	0	
Barite	0	0	
Calcite	0	0	
Cerrusite	0	0	
CO2(g)	-3.5	10	
Cr(OH)3(am)	0	0	
Ferrihydrite	0	0	
Gypsum	0	0	
Ni(OH)2	0	0	
O2(g)	-0.78	10	
Otavite	0	0	
Rhodochrosite	0	0	
Smithsonite	0	0	
Tenorite	0	0	
SURFACE	HFO	Surface assemblage	Surface area (m ² /g)
Hfo_sOH	Ferrihydrite equilibrium phase	0.001	100,000
Hfo_wOH	Ferrihydrite equilibrium phase	0.1	