

Fe burial phase	Concentration below SMTZ ( $\mu\text{mol g}^{-1}$ )	Concentration in SMTZ ( $\mu\text{mol g}^{-1}$ )	Fe (II) / total reactive Fe below SMTZ	Fe (II) / total reactive Fe in SMTZ	Fe (II) / total Fe below SMTZ	Fe (II) / total Fe in SMTZ
Vivianite	129	N.A.	41 %	N.A.		
Pyrite	4	177	1 %	52 %	34 %*	32 %*
Fe carbonates	111	54	36 %	16 %		
Total reactive Fe	311	341				