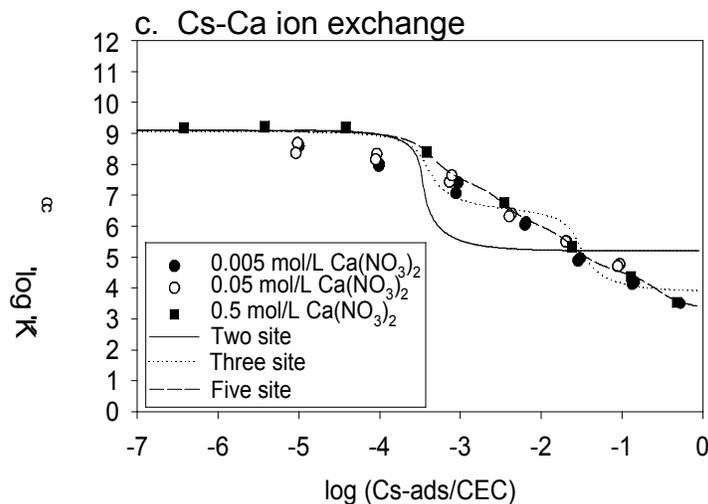
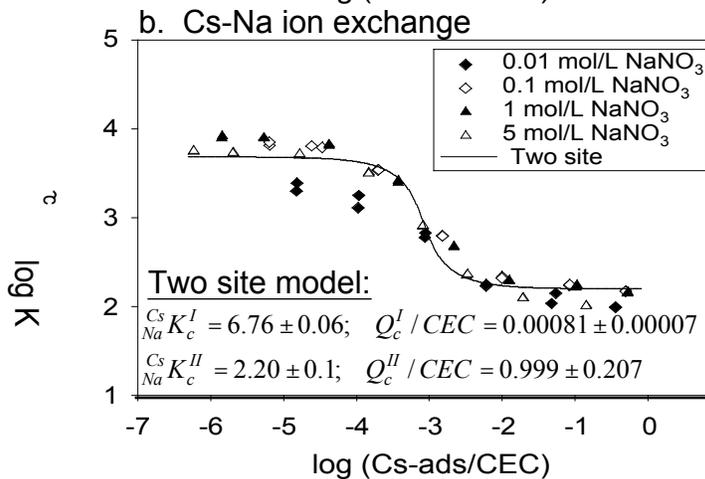
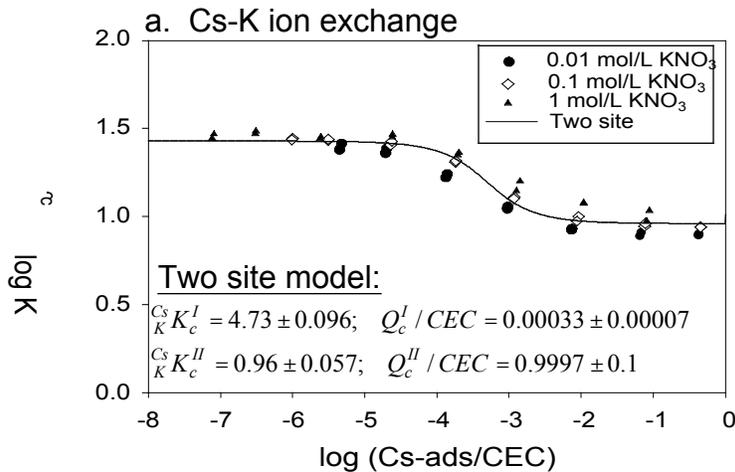


Multi-Site Modeling of Cs⁺ Adsorption of Hanford Sediment



Two site:

$${}_{Ca}^{Cs}K_c^I = 16.1; Q_c^I / CEC = 0.00032$$

$${}_{Ca}^{Cs}K_c^{II} = 5.2; Q_c^{II} / CEC = 0.9997$$

Three site:

$${}_{Ca}^{Cs}K_c^I = 16.0; Q_c^I / CEC = 0.00032$$

$${}_{Ca}^{Cs}K_c^{II} = 9.7; Q_c^{II} / CEC = 0.025$$

$${}_{Ca}^{Cs}K_c^{III} = 3.9; Q_c^{III} / CEC = 0.9747$$

Five site:

$${}_{Ca}^{Cs}K_c^I = 16.0; Q_c^I / CEC = 0.00032$$

$${}_{Ca}^{Cs}K_c^{II} = 12.5; Q_c^{II} / CEC = 0.002$$

$${}_{Ca}^{Cs}K_c^{III} = 9.4; Q_c^{III} / CEC = 0.015$$

$${}_{Ca}^{Cs}K_c^{IV} = 5.9; Q_c^{IV} / CEC = 0.15$$

$${}_{Ca}^{Cs}K_c^V = 3.3; Q_c^V / CEC = 0.8327$$