



Figure 1: Rock Layers.

$$P(A^{[20]}|Q^{[20],[10]}, K^{[20],[10]}, V^{[20],[10]}) = \quad (1a)$$

$$P(K^{[20],[10]}|X) = \quad (1b)$$

$$P(Q^{[20],[10]}|X) = \quad (1c)$$

$$P(V^{[20],[10]}|X) = \quad (1d)$$

$$P(X) = \quad (1e)$$

$$P(Y|X, A^{[20]}) = \quad (1f)$$