

Table 36.2-3 Soil Texture Class Erodibility Factors (K-Factor) for the Pinabete Permit Area

Soil Texture Class <sup>1</sup>	K-factor <sup>2</sup>
Fine <sup>3</sup>	0.20
Fine loamy <sup>3</sup>	0.27
Coarse loamy <sup>3</sup>	0.10
Sandy <sup>3</sup>	0.27
OSM recommended erodibility factor guideline <sup>4</sup>	< 0.37

<sup>1</sup> All baseline soil types present at Pinabete permit area are assigned to one of the four listed soil texture classes.

<sup>2</sup> Calculated per the algebraic approximation of the Wischmeier nomograph described by Renard et.al. (1996) and Wischmeier and Smith (1978).

<sup>3</sup> Reported values are mean values, calculations performed as part of the baseline SEDCAD<sup>tm</sup> modeling of baseline flood flows and sediment yields reported in Section 18 Water Resources.

<sup>4</sup> Erodibility factor suitability guideline proposed by the Office of Surface Mining Reclamation and Enforcement (OSM 1999)