

SOILS PROFILE DATA SHEET (SPD-034D) – Items #9.2 & 9.3

APPLICANT		Application/Permit No.	
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NATIVE SOIL PROFILE(S)	
Soil Horizon	Depth of Horizon (in inches)
“A” Horizon only	
“A” and “B” Horizons	
“A”, “B”, and “C” Horizons	

TOPSOIL AND SUBSTITUTE/SUPPLEMENT ANALYSIS TABLE

Sample Number	TS-1	TS-2	SS-1	SS-2
Parameter				
1. Topsoil Depth				
2. Substitute Thickness				
3. pH (paste)				
4. Net Acid Base Potential				
5. Sodium Absorption Ratio				
6. Salinity (mmhos/cm)				
7. Cation Exchange Capacity				
8. Texture Class				
9. % Coarse Fragments*				
a) % fragments larger than 2 mm **				
b) % fragments larger than 3 inches **				
c) % fragments larger than 10 inches **				

*This requirement may be waived if the applicant can show the substitute material will break down to be suitable for plant growth. This could be demonstrated by a suitable test or from past experience with the proposed substitute material. If this is the case, the contribution of the coarse fragments, after breakdown, should be included in the determination of texture class.

** If the proposed post-mining land use is cropland or pasture provide the required information.