

# DAM SLOPE STABILITY MODELING

## SLOPE STABILITY ANALYSIS METADATA TABLES

In the tables below, the modeler will need to identify which scenario their descriptions apply to in the second column or copy the Input tables to better describe each scenario. For example, it may be likely that different scenarios use different loading conditions, or material parameters; these should be described and assigned to a scenario.

### General Information:

Category	Description
Project Name:	
Model Purpose:	
Confidential Nature of Project:	
Date of last edits:	
Engineering Firm(s):	
Modeler/Originator:	
Contact(s) for digital file sharing: (i.e., owner, regulator, engineering firm)	
Software Name and Version:	
Analysis Method (e.g., Morganstern and Price, Spencer, Janbu, etc.)	
Limitations:	

**Analysis Scenario Information:**

Copy table as needed for multiple scenarios.

<b>Category</b>	<b>Description</b>
Analysis Scenario ID:	
Phreatic Surface (e.g., forebay and tailrace levels, other differentiators)	
Slip Surface (e.g., describe the defined entry and exit ranges)	
Minimum Slip Surface settings (e.g., Minimum slip surface depth of 5 feet)	
Seismic or other Surcharge Loading	
Factor of Safety or other performance result compared to criteria	

**Materials Information:**

Copy table as needed for each material.

<b>Category</b>	<b>Description</b>
Material ID	
Material Model	
Key Strength Parameters	
Applicable Analysis Scenarios	