

# Resource Indicators and Hazard Assessment

<b>Road #</b>	<b>Aquatic Hazard Indicators</b>							<b>EndPoints</b>			<b>Environmental Risk Score</b>		
Length	RD	SC	De	RG	EH	Me	Sc	#Xing	Total	S&FH&W	H	Total	

<b>Opportunity A</b>													#VALUE!
<b>Opportunity B</b>													#VALUE!
													#VALUE!

Hazard Score = Inputs + Capacity + Consequences  
 Environmental Risk = hazard scores raised to the power of endpoint scores

## Indicator Scores

**Road Density**

0-2miles per sq. mile=1	
2.1-4mi/sq. mile=2	
4miles/sq.mile+=3	

**Slope Class**

0-20%= 1	
21% to 35% = 2	
36% -to 55%= 3	
55% + = 4	

**Road design**

Outsloped = 1	
Entrenched=2	
Turnpiked=2	
Insloped=3	

**Road Grade**

0-3% = 1	
3-6% = 2	
6-9% = 3	
9% + = 4	

**Erosion Hazard Rating**

Low = 1	
Moderate = 2	
High = 3	
Very Hig h= 4	

**Sensitive land Proximity**

0-2miles/sqmile = 1	
2-4miles/sq/mile=2	
4+miles/sqmile=3	

**Stream channel Proximity**

0-1 mile=1	
1-3 miles = 2	
3+ miles = 3	

**Stream Crossing**

No crossings per mile= 1	
1-2 (mi/sq mi) = 2	
Greater than 2 = 3	

## Risk Rating

Soils	
Fish	
Hydro	
Wildlife	
Heritage	

## Benefit Rating

Protection	
Timber	
Recreation	
Administrative	
Social	

## Management Opportunity

- Upgrade
- Restrict Traffic
- Change Mtc. Level
- Obliterate
- Relocate

Description

	Road Rating	
Low	Moderate	High
8 to 15	16 to 21	22 to 27

## Access and Travel Management

Encourage	
Accept	
Discourage	
Eliminate	
Prohibit	

**Sensitive Land Proximity**

0-25% of the Road = 1	
26-50% of the Road = 2	
51% or more of the road = 3	

**Stream Channel Proximity**

0-25% of the Road = 1	
26-50% of the Road = 2	
51% or more of the road = 3	

**Number of Road and Stream Crossings**

0-2 crossings = 1	
2-4 crossings = 2	
Greater than 4 crossings = 3	