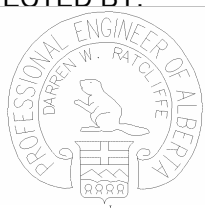


**CENTRAL REGION
GEOHAZARD RISK ASSESMENT
SITE INSPECTION FORM**

SITE NUMBER AND NAME C33 H862:08 Steep Slopes		HIGHWAY & KM 12 km S of H9 30 km N of H570	PREVIOUS INSPECTION DATE May 26, 2005	INSPECTION DATE May 15, 2006
LEGAL DESCRIPTION 10-30-15-W4	NAD 83 COORDINATES N 5711518 E 4275876	RISK ASSESMENT PF: 9 CF: 4 TOTAL: 36		

SUMMARY OF SITE INSTRUMENTATION: None	INSPECTED BY: 
LAST READING DATE:	
PRIMARY SITE ISSUE: Steep embankment slopes (culverts too short)	
APPROXIMATE DIMENSIONS:	
DATE OF ANY REMEDIAL ACTION:	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress					
Slope Movement					
Erosion					
Seepage					
Culvert Distress					

COMMENTS
Refer to attached photos and recommendations
Although no geotechnical problem exists at this site, the steep embankment slopes on the west side of the highway have been reported as a potential hazard. Options include providing guardrail or flattening the slopes. However, the present length of the culvert is insufficient to permit slope flattening. It is recommended that the culvert be lengthened by about 5 m to permit the slope to be flattened to about 3H:1V. Assuming a cost of \$500 per m, the cost is about \$2,500.
Topsoil will need to be stripped and stockpiled for reuse in reclamation. Based on an approx. av. existing 4 m high slope of 1.5H:1V, the fill required is about 12 m ³ per m. Assuming a 100 m long embankment requires about 1,200 m ³ of fill material. At about \$25/m ³ , the estimated cost is about \$30,000.