


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

SITE NUMBER AND NAME C18 H837:02 Riverbank Slide		HIGHWAY & KM 1.9	PREVIOUS INSPECTION DATE May 21, 2003	INSPECTION DATE May 18, 2004
LEGAL DESCRIPTION 28-29-21-4	NAD 83 COORDINATES N 5708370 E 369940		RISK ASSESMENT PF: 9 CF: 4 TOTAL: 36	

SUMMARY OF SITE INSTRUMENTATION: None	INSPECTED BY: 
LAST READING DATE:	
PRIMARY SITE ISSUE: Riverbank instability	
APPROXIMATE DIMENSIONS:	
DATE OF ANY REMEDIAL ACTION: Gravel berm Oct 2002	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress			The area was patched in 2003.		
Slope Movement	X		Backslope above highway has dried and movements have ceased. The 2002 gravel berm is performing well - starting to vegetate and blend in with the existing riverbank. Two additional slides have now formed about 100 m north of the gravel berm. The scarps of these slides are within 1 m of the road edge.	X	
Erosion					
Seepage					
Culvert Distress					

COMMENTS

Refer to previous inspection reports and attached photos

It is considered that little can be done about the steep high backslope above the highway, except for the possibly sealing the slope with a chemical stabilization method.

It is recommended that the riverbank slope be re-vegetated (including the gravel berm) using willow live stakes and rows of wattles to protect against downslope flows. Further details are provided in our inspection report dated May 9, 2003 (revised July 2003). It is understood that this site could be used as a test site for an erosion control seminar.