


SITE NUMBER AND NAME <b>C2 H575:04 Nacmine Slide</b>		HIGHWAY & KM	PREVIOUS INSPECTION DATE June 4, 2009	INSPECTION DATE <b>May 18, 2010</b>
LEGAL DESCRIPTION SE 8-29-20-W4	NAD 83 COORDINATES N 5703250 E 376180		RISK ASSESMENT PF: 7 CF: 2 TOTAL: <b>14</b>	

SUMMARY OF SITE INSTRUMENTATION:  2 SIs operational (Instruments are no longer read as SIs indicate no movement at highway level.)  LAST READING DATE: April 17, 2007	INSPECTED BY:  
PRIMARY SITE ISSUE: Slope instability, subsidence cracks, ditch slumping.	
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	X		Power pole has been relocated. Slumping at toe of slope continues.		X
Erosion					
Seepage					
Culvert Distress					
COMMENTS					
Refer to previous reports and attached photographs.					

- There is evidence of subsidence cracking in the slopes, possibly related to the collapse of old mine rooms. There is also extensive evidence of historic landslide activity in the valley slopes above highway level, but no indication that instability has occurred below the highway level.
- The movements to date in the inclinometers immediately adjacent to the highway have been relatively small and cannot be seen as a deflection in the highway alignment. Movements have occurred above the highway on the south side most likely as a result of ditch excavation work in recent years. Instruments are not read as part of the inspection since 2007.
- The toe section of the slope is showing signs of localized cracking and slumping that is likely related to seepage softening the steep lower zone of the slope.

Due to the on-going slumping of the steep toe slope, it is recommended that the slope above the ditch be flattened by trimming the slope to the back of the first bench. It should be noted that a power pole is located in this area and the clean up work of the slope and ditch should be performed appropriately to prevent the undermining of the pole. The waste material should be removed from the immediate vicinity and not placed anywhere on the slope above the trimmed area. Although the overall stability of the slope should not be significantly affected, the ditch area should be monitored for movement after trimming.