Alberta TRANSPORTATION

CENTRAL REGION
LANDSLIDE RISK ASSESMENT
SITE INSPECTION FORM

KLOHN CRIPPEN

SITE NUMBER AND NAME	HIGHWAY & KM	PREVIOUS INSPECTION DATE	INSPECTION DATE
C24 H564:10	32.29-32.47		**May 21, 2003**

LEGAL DESCRIPTION	NAD 83 COORDINATES	RISK ASSESMENT
	N 5686020 E 396380	PF: 9 CF: 2 TOTAL: **18**

SUMMARY OF SITE INSTRUMENTATION:	INSPECTED BY:
3 slope inclinometers (unknown status) ? standpipe piezometers (unknown status) LAST READING DATE: Unknown	PROFESSIONAL ENGINEER OF ALBERTA DARREN W. RATCLIFFE

PRIMARY SITE ISSUE:
Large slide below highway

APPROXIMATE DIMENSIONS:
300 m by 100 m (est)

DATE OF ANY REMEDIAL ACTION:

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress	X		Dip in surface of gravel pavement is apparent		
Slope Movement	X		Large old slide below highway. Instrumentation installed. Rate of movement is unknown but scarp is relatively close to edge of highway.		
Erosion					
Seepage					
Culvert Distress					

COMMENTS

Refer attached photos

My notes from a preliminary review of the AT geotechnical files indicated an old slide at the contact of the clayshale and overlying till. Springs were also noted in the area. The files should be re-visited to confirm if this is the same slide and if there is a report associated with the existing instrumentation.

It is recommended that the following also be obtained: historic and more recent air photos, and any construction or design mosaics.

The instrumentation should be investigated to confirm status and readings should be obtained if possible.

If it is apparent that the slide is still active, a topographic survey should be undertaken of the area.