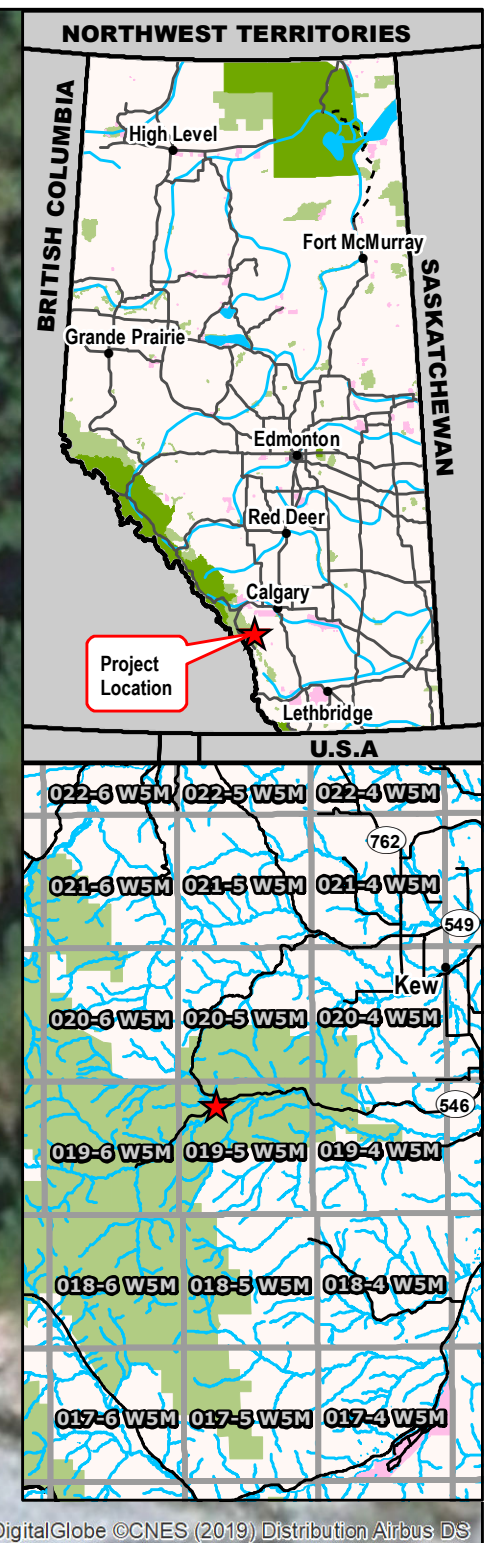


SITE NUMBER AND NAME: S056-II West Gorge Creek, west of Turner Valley		HIGHWAY & KM: Sheep River Road	PREVIOUS INSPECTION DATE: N/A	INSPECTION DATE: May 6, 2019
LEGAL DESCRIPTION: 01-32-019-05 W5M	NAD 83 COORDINATES: UTM Northing Easting 11 5613067 666206		RISK ASSESSMENT: PF: 9 CF: 3 TOTAL: 27	
MONTHLY AVERAGE DAILY TRAFFIC (MADT): June 2017 360 (west), 300 (east). (Ref. No. 55460220)			CONTRACTOR MAINTENANCE AREA (CMA): 27	

SUMMARY OF SITE INSTRUMENTATION: None LAST READING DATE: N/A	INSPECTED BY: Chris Gräpel (KCB) Chris Morgan (KCB) Alex Frotten (AT) Roger Skirrow (AT) Nicolas Ropchan (AT) Maury Siddons (AT)
PRIMARY SITE ISSUE: Slope failure on the south side of the highway due to surface runoff and river erosion at the slope toe. The highway is located at the crest of a steep valley slope above Sheep Creek River. The highway was realigned in 2014 due to slope instability, and slide retrogression is continuing.	
APPROXIMATE DIMENSIONS: Slope failure is 5.4 m from guard rail of realigned highway.	
DATE OF ANY REMEDIAL ACTION: This section of Sheep River Road was realigned due to slope instability impacting the highway.	

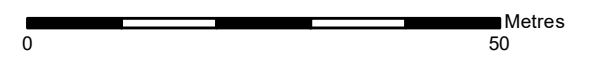
ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress		X	Slide retrogression continues to impact the old highway alignment, not impacting realigned highway yet.		
Slope Movement	X		Slope failure on southern side of highway.		
Erosion	X		Erosion due to surface water runoff and river erosion at the slope toe.		
Seepage		X	None observed.		
Culvert Distress		X			

COMMENTS
First visit to the site. No current impact to the realigned highway. Site will be monitored moving forward.
Cut slope to the north of the highway is poorly vegetated and should be seeded to reduce surface water runoff erosion. A proposal has been submitted to AT for evaluation of hydroseed mixes to promote vegetation.
Recommended activities include: <ul style="list-style-type: none"> • Annual inspections for the site to monitor retrogression of the slide; and • Hydroseeding of the cut slope north of the highway to minimize runoff erosion.



Legend

— GPS Track (May 6, 2019)



NOTES: 1. HORIZONTAL DATUM: NAD83 2. GRID ZONE: UTM Zone 11N 3. IMAGE SOURCE: Bing Maps 2019, Microsoft Corporation.	CLIENT 	PROJECT SOUTHERN REGION GEOHAZARD RISK MANAGEMENT PROGRAM
		TITLE Site Plan West Gorge Creek Site II Sheep River Road
SCALE 1:800	PROJECT No. A05115A03	FIG No. 1

Time: 16:35:13 PM
 Date: June 24, 2019
 File: Z:\A\EDM\A05115A03\ABT Southern Region GRMP\A00 Drawings\2019\2 Section BIMXD\WestGorgeCreek_I_190624.mxd



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Photo 1 **Realigned highway on the right-hand side of the picture due to slope instability impacting the old road. Photo was taken facing southwest on May 6, 2019.**



Photo 2 **Ongoing slope retrogression. Photo was taken facing west on May 6, 2019.**



Photo 3 Unvegetated cut slope from highway realignment. Photo was taken facing west on May 6, 2019.



Photo 4 Unvegetated cut slope from highway realignment. Photo was taken facing east on May 6, 2019.

