



**Photo 32:** View east from 559 towards 485 across what is interpreted to be the possible northwest end of the main scarp of the landslide. Septic lagoons for 485 and 559 are on slope to right of photo.

**Photo 35:** View upstream (east) along Bulkley River at landslide toe area along river bank (left half of photo).



**Photo 33:** View south at lagoon constructed on bench (graben?) on slope below 559.

**Photo 36:** View downstream (north west) along Bulkley River at landslide toe area along river bank (just beyond steep uniform slope shown to right of photo).

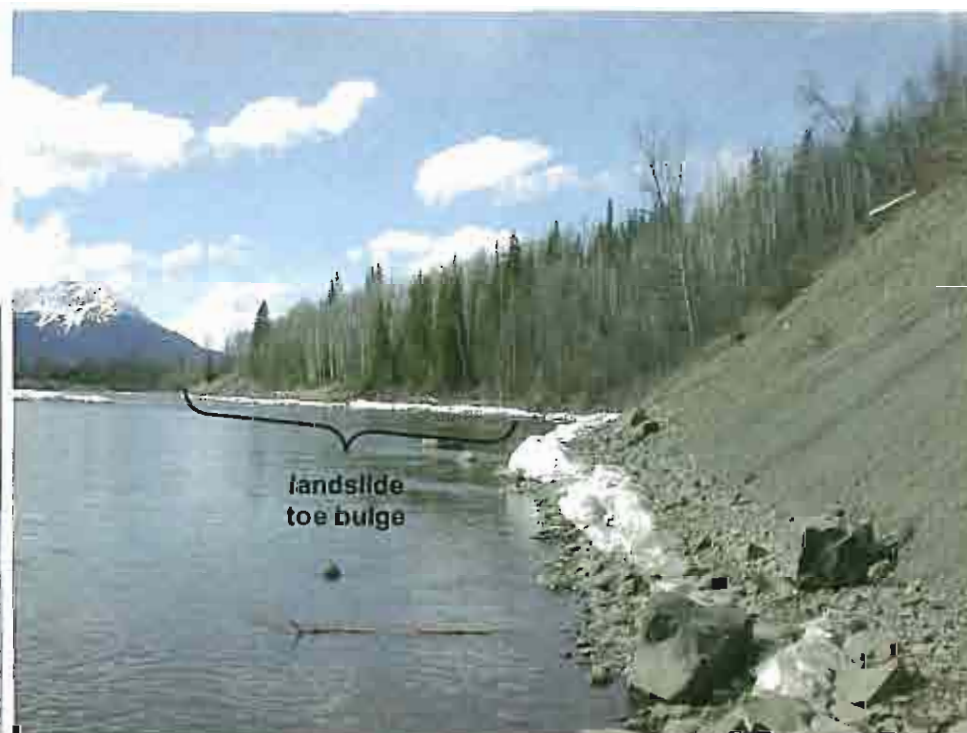


**Photo 34:** View south west at typical hummocky, ridged landslide terrain on slope below 355 to 485.

**Photo 37:** View downstream at typical distorted vegetation, irregular ground and eroded banks along toe of landslide.



landslide  
toe bulge into river



landslide  
toe bulge



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LOWER VIEWMOUNT ROAD  
SMITHERS, BC

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PREPARED BY: S.RUIZ

PROJECT No: KX04813

Photos 32 to 37

Taken: April 2006



**Photo 38:** Close up of toe thrust ground movement along river bank, in soft, wet high plastic clays, below 195 Lower Viewmount Road.



**Photo 39:** View upstream at toe thrust area along Bulkley River below 355 to 485 Lower Viewmount Road. Note eroded slopes and back tilted trees.



**Photo 40:** Evidence of recent ground movements along river bank below 265 Lower Viewmount Road.



**Photo 41:** View of clay till exposure on displaced slide block exposed along river bank.



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**Photos 38 to 41**

Taken: April 2006



**Photo 42:** High plastic clay with some interbedded silt seams, exposed along river bank at toe of slope.



**Photo 43:** Silt and sand overlain by high plastic clay, exposed along river bank at toe of slope.



**Photo 44:** Local community well located on river bank at toe of slope below 265 Lower Viewmount Road.



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**Photos 42 to 44**

Taken: April 2006



**Photo 45:** View upstream from toe of landslide area towards uniform erosion slope below Harris Auto Wrecking site.



**Photo 46:** View downstream at steep eroded river valley slope below Harris Auto Wrecking site. Soil appeared to be colluvium derived from clay till with some sand and gravel, overlying bedrock.



**Photo 47:** Bedrock outcrop on steep eroded slope below Harris Auto Wrecking site.



**Photo 48:** Close up of bedrock exposed on eroded slope below Harris Auto Wrecking site (dark grey siltstone and shale, dipping out of slope at approximately 30 degrees).



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**Photos 45 to 48**

Taken: April 2006



**Photo 49:** Looking south west at intersection of old access road down old river valley slope with Lower Viewmount Road, just north of 661.



**Photo 52:** Looking north east at 559 and erosion gully down old river valley slope and across old access road.



**Photo 50:** View south at old cuts and fills along old access road, on old river valley slope below 661.



**Photo 51:** View south at fill failure on old access road, below 661.



**Photo 53:** Drainage pond area above old valley slope between 559 and 661.



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**Photos 49 to 53**

Taken: April 2006



**Photo 54:** Erosion at crest of old river valley slope, behind 559. Drainage from pond area (Photo 53), enters from left foreground.



**Photo 55:** Looking down erosion gully from crest of slope at the rear of 559. Note recent sliding of undercut slopes.



**Photo 56:** Looking upslope across old access road at erosion gully on slope below 559. Bedrock exposed in lower portion of gully.



**Photo 57:** Bedrock (shale, siltstone, minor sandstone), exposed in erosion gully below 559 just above old access road.



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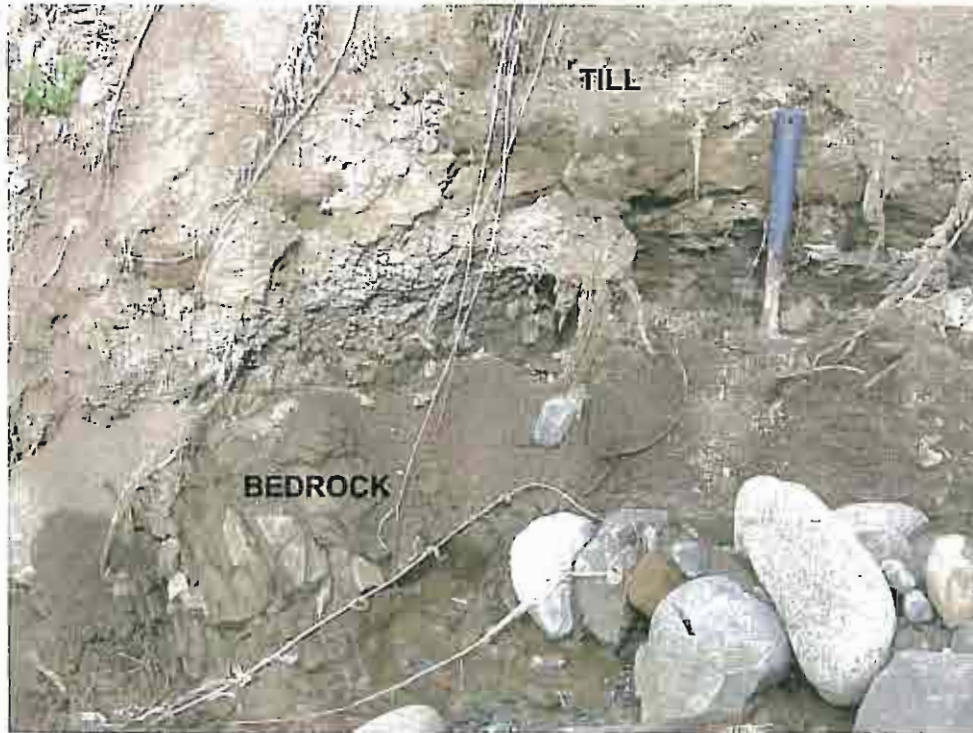
SCALE: NTS

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**Photos 54 to 57**

Taken: April 2006



**Photo 58:** Close up of contact between clay till and underlying bedrock, exposed in erosion gully below 559.



**Photo 59:** Typical cut and fill house site development on bench in old river valley slope (House at 825 looking south).



**Photo 60:** View west at cut and fill house site development on old river valley slope (House at 895).



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**Photos 58 to 60**

Taken: April 2006



**Photo 61:** View north along uppermost portion of old river valley slope at rear (east side of 882).



**Photo 62:** View north at cut slope on old Viewmount Road, subject to some surficial sliding, soil creep and erosion.



**Photo 63:** View west across recently cleared Lot 1 Plan 11141, located immediately south of Harris Auto Wrecking site.



**Photo 64:** Failure of access road cut slope, constructed in wet, soft clay till soils at east side of Lot 1 Plan 11141.



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**Photos 61 to 64**

Taken: April 2006