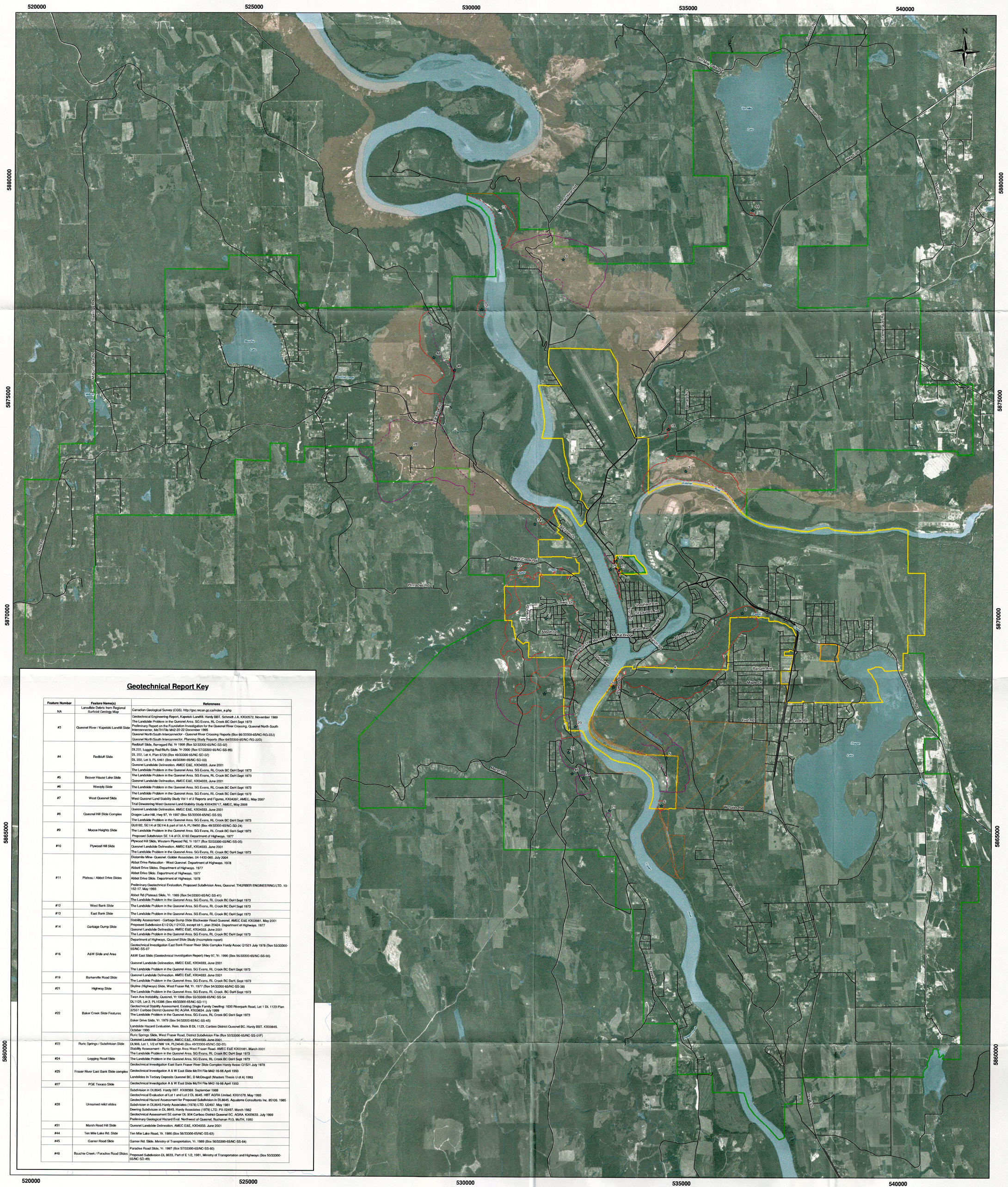

Geotechnical Report Key

Feature Number	Feature Name(s)	References
NA	Landslide Debris from Regional Surficial Geology Map	Canadian Geological Survey (CGS). http://gsc.nrcan.gc.ca/index_e.php
#3	Quesnel River / Kapetski Landfill Slide	Geotechnical Engineering Report, Kapetski Landfill. Hardy BBT. Schmidt J.A. KX00572. November 1989 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973 Preliminary Report on the Foundation Investigation for the Quesnel River Crossing, Quesnel North-South Interconnector, MoTH File M42-20-22 December 1995 Quesnel North/South Interconnector - Quesnel River Crossing Reports (Box 66/33300-65/NC-RG-22J) Quesnel North/South Interconnector, Planning Study Reports (Box 64/33300-65/NC-RG-22D)
#4	Redbluff Slide	Redbluff Slide, Borregard Rd. Yr 1998 (Box 52/33300-65/NC-SS-02) DL222, Logging Red Bluffs Slide. Yr 2000 (Box 57/33300-65/NC-SS-85) DL 222, Lot 4, Plan 6720 (Box 49/33300-65/NC-SD-02) DL 222, Lot 3, PL 6461 (Box 49/33300-65/NC-SD-03) Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#5	Beaver House Lake Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973 Quesnel Landslide Delineation, AMEC E&E, KX04033, June 2001
#6	Westply Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#7	West Quesnel Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973 West Quesnel Land Stability Study Vol 1 of 2 Reports and Figures, KX04397, AMEC, May 2007 Trial Dewatering West Quesnel Land Stability Study KX04397/7, AMEC, May 2008
#8	Quesnel Hill Slide Complex	Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001 Dragon Lake Hill, Hwy 97, Yr 1997 (Box 55/33300-65/NC-SS-55) The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#9	Moose Heights Slide	DL6182, SE1/4 of SE1/4 & part of lot A, PL19450 (Box 49/33300-65/NC-SD-24) The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973 Proposed Subdivision SE 1/4 of DL 6182,Department of Highways. 1977
#10	Plywood Hill Slide	Plywood Hill Slide, Western Plywood Rd, Yr 1977 (Box 52/33300-65/NC-SS-05) Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#11	Plateau / Abbot Drive Slides	Diatomite Mine- Quesnel. Golder Associates. 04-1430-065. July 2004 Abbott Drive Relocation - West Quesnel. Department of Highways. 1978 Abbott Drive Slides. Department of Highways. 1977 Abbot Drive Slide. Department of Highways. 1977 Abbot Drive Slide. Department of Highways. 1978 Preliminary Geotechnical Evaluation, Proposed Subdivision Area, Quesnel. THURBER ENGINEERING LTD. 19-162-17, May 1993 Abbot Rd (Plateau) Slide, Yr. 1989 (Box 54/33300-65/NC-SS-41) The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#12	West Bank Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#13	East Bank Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#14	Garbage Dump Slide	Stability Assessment - Garbage Dump Slide Blackwater Road Quesnel. AMEC E&E KX03981. May 2001 Proposed Subdivision E1/2 DL1121CD, except lot 1, plan 20424. Department of Highways. 1977 Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#16	A&W Slide and Area	Department of Highways, Quesnel Slide Study (incomplete report) Geotechnical Investigation East Bank Fraser River Slide Complex Hardy Assoc Q1521 July 1978 (Box 53/33300-65/NC-SS-07 A&W East Slide (Geotechnical Investigation Report) Hwy 97, Yr. 1990 (Box 56/33300-65/NC-SS-66) Quesnel Landslide Delineation, AMEC E&E, KX04033, June 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#19	Barkerville Road Slide	Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH, Sept 1973
#21	Highway Slide	Skyline (Highways) Slide, West Fraser Rd, Yr. 1977 (Box 54/33300-65/NC-SS-38) The Landslide Problem in the Quesnel Area. SG Evans, RL Crook. BC DoH Sept 1973
#22	Baker Creek Slide Features	Twan Ave Instability, Quesnel, Yr 1996 (Box 55/33300-65/NC-SS-54 DL1125, Lot 2, PL16386 (Box 49/33300-65/NC-SD-11) Geotechnical Stability Assessment. Existing Single Family Dwelling: 1030 Riverpark Road, Lot 1 DL 1123 Plan 32551 Cariboo District Quesnel BC AGRA. KX03634. July 1999 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973 (baker Drive Slide, Yr. 1979 (Box 54/33300-65/NC-SS-45) Landslide Hazard Evaluation. Rem. Block B DL 1123, Cariboo District Quesnel BC. Hardy BBT. KX00845. October 1990
#23	Ruric Springs / Subdivision Slide	Ruric Springs Slide, West Fraser Road, District Subdivision File (Box 53/33300-65/NC-SS-01F) Quesnel Landslide Delineation, AMEC E&E, KX04033. June 2001 DL906, Lot 1, 1/2 of NW 1/4, PL24648 (Box 49/33300-65/NC-SD-05) Stability Assessment - Ruric Springs Area West Fraser Road. AMEC E&E KX03981. March 2001 The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#24	Logging Road Slide	The Landslide Problem in the Quesnel Area. SG Evans, RL Crook BC DoH Sept 1973
#25	Fraser River East Bank Slide complex	Geotechnical Investigation East Bank Fraser River Slide Complex Hardy Assoc Q1521 July 1978 Geotechnical Investigation A & W East Slide MoTH File M42-16-66 April 1993 Landslides In Tertiary Deposits Quesnel BC, D McDougall (Masters Thesis U of A) 1993
#27	PGE Texaco Slide	Geotechnical Investigation A & W East Slide MoTH File M42-16-66 April 1993
#28	Unnamed relict slides	Subdivision in DL8645. Hardy BBT. KX00369. September 1988 Geotechnical Evaluation of Lot 1 and Lot 2 DL 8645. HBT AGRA Limited. KX01078. May 1993 Geotechnical Hazard Assessment for Proposed Subdivision in DL8645. Aquaterre Consultants Inc. 85106. 1985 Subdivision in DL8645.Hardy Associates (1978) LTD. UD497. May 1981 Deering Subdivision in DL 8645. Hardy Associates (1978) LTD. PX-02497. March 1982 Geotechnical Assessment SE corner DL 904 Cariboo District Quesnel BC. AGRA. KX03633. July 1999 Preliminary Geological Hazard Eval. Northwest of Quesnel, Buchanan R.G. MoTH, 1980
#31	Marsh Road Hill Slide	Quesnel Landslide Delineation. AMEC E&E, KX04033. June 2001
#44	Ten Mile Lake Rd. Slide	Ten Mile Lake Road, Yr. 1986 (Box 56/33300-65/NC-SS-63)
#45	Garner Road Slide	Garner Rd. Slide. Ministry of Transportation, Yr. 1989 (Box 56/33300-65/NC-SS-64)
#48	Bouchie Creek / Paradise Road Slides	Paradise Road Slide, Yr. 1997 (Box 57/33300-65/NC-SS-80) Proposed Subdivision DL 8633, Part of E 1/2, 1981, Ministry of Transportation and Highways (Box 50/33300-65/NC-SD-49)

Legend

- ★4 Reference Number of Previous Study

Areas of Active Instability
- Backscarp / Crest of Active Slide Feature
- Toe of Active Slide Feature

Other Unstable Areas of Terrain Activity Unknown
- Backscarp / Crest of Unknown Level Activity
- Toe of Unknown Level Activity
- Landslide Debris

- City of Quesnel Municipal Boundary
- Quesnel Fringe OCP Boundary
- Indian Reserve

Explanatory Note

This map shows the locations of landslide features and/or regions of terrain instability identified in regional mapping and previous engineering reports available for review as part of this study. One source of information was a surficial geology map done by A. Blais-Stevens and J.J. Clague (Geological Survey of Canada 2007) in the north half of the study area (NTS mapsheet 093G01 and 093G02) which depicts "landslide debris" as a landform feature. Similar regional scale mapping has not been carried out for the southern half of the study area.

In many parts of the OCP study area, some of the identified landslide features were reported by successive reports prepared by different authors/agencies. Each such slide feature within the study area region has been given a reference number (★), and where applicable, multiple studies are listed by the 'historic' name(s) of the feature.

It should be noted that terrain hazard features were numbered sequentially as they were encountered during the reviewing process. Some were later found to be outside the study area and consequently, there are gaps in the numbering system presented in the Geotechnical Report Key. A complete list of engineering and technical reports that were available for review as part of this study (both inside and outside of the OCP study area) is included in Appendix A.

1 0.5 0 1 2
Kilometres

Scale: 1:30,000

Reference

Base mapping provided by Cariboo Regional District (CRD)
Bedrock Geology: CGS Maps 5270-5273, A. Blais-Stevens and J.J. Clague, 2007

CLIENT: Cariboo Regional District

PROJECT: Quesnel Fringe OCP Terrain Hazard Study

Areas of Previously Identified Terrain Instability

DATE: November 10, 2008	ANALYST: EO	Figure 3
JOB No: KX13163	QA/QC: CD	PDF FILE: Fig3_previous_reports.pdf
GIS FILE: Fig3_previous_reports.mxd		
PROJECTION: UTM Zone 10	DATUM: NAD83	

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