



PEMBERTON
VALLEY
DYKING DISTRICT



2011 Lillooet River Survey

Cross Section and Bathymetric Survey

December 2011

Submitted by:



KERR WOOD LEIDAL
consulting engineers



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Revision History

Revision #	Date	Status	Revision	Author
0	Oct.26/11	Draft		KRS
1	Dec.21/11	Final	Revisions, additions and clarifications to Sections 1.1, 1.2, and 1.3.4., Added Section 1.5.	KRS



Contents

1.	Survey Background	1
1.1	Scope of Survey	1
1.2	Cross Section Location	2
1.3	Survey Methods.....	2
1.4	Datums	4
1.5	Level of Confidence	4

Appendices

- Appendix A: Orthophoto Key Maps
- Appendix B: Table 1: Cross Sectional Changes
- Appendix C: Cross Section Drawings
- Appendix D: Cross Section Point Data
- Appendix E: Bathymetric Survey (Swath & Thalweg)



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Section 1

Survey Background



1. Survey Background

1.1 Scope of Survey

In August 2010, a massive landslide occurred on Capricorn and Meager Creek, a tributary of the Lillooet River. It was important that baseline Lillooet river conditions be documented before sediment from the Capricorn Creek landslide moves into the Pemberton Valley Dyking District (PVDD) service area.

In 2000, there were approximately 60 cross-sections surveyed on the Lillooet River. Surveys were also conducted on its tributaries. Although the 2000 cross-section survey was comprehensive, a number of significant events have occurred in the intervening decade, including:

- a major flood in 2003; and
- several smaller landslides within the watershed.

Therefore, an updated survey provides a more representative 'baseline' for comparison with potential future sedimentation.

This 2011 Lillooet River survey is intended to act as a baseline survey prior to the arrival of the majority of the sediment generated during the 2010 slide as well provide an updated river survey for comparison to previous surveys, and future modelling, analysis and design purposes.

The survey extended from the Lillooet River delta upstream approximately 44 km to about 3.5 km upstream of the Hurley forestry bridge. The survey was conducted by Atek Hydrographic Surveys Ltd. between May and June, 2011. Components of the survey included;

1. Eighty-four river cross sections;
2. Three bathymetry swath zones adjacent to significant gravel bars; and
3. River thalweg from Cross Section 1 upstream to Cross Section 37

The cross sections are categorized in three groups as follows:

1. Historic Sections repeated from 2000 survey (56 sections);
2. Historic Section repeated from pre-2000 survey (16 sections); and
3. New Sections at key locations, no previous data (12 sections).

The cross section survey was conducted for the following purposes:

- To enable comparison of cross section characteristics between historic surveys;
- To capture current cross section characteristics on new sections to enable future comparison;
- To permit the Lillooet River hydraulic model to be updated;
- To enable assessment of river aggradation/degradation between surveys;
- To capture detailed bathymetry at three key gravel bar locations; and
- To capture the river thalweg to assist in the geomorphological assessment and act as a baseline for future comparison and analysis.

In an effort to collect as much river data as possible, the limits of the cross section survey were set to the top banks of the main river channel. Intermediate vegetated islands were not surveyed unless GPS reception was favorable. The considerable time and effort for clearing these vegetated zones for ground topography was not considered a priority as it was assumed that these zones would not have changed significantly and would have little overall impact on the geomorphological assessment of the river.



The orthophoto key maps, map sheet 1 to 11, provided in Appendix A of this report, comprise of 2009 flown digital orthophotos, provided by the Mount Currie Band, with cross sections accurately positioned. The maps differentiate between cross section surveyed as part of this project, and cross sections surveyed in previous years.

1.2 Cross Section Location

The cross sections were pre-determined and field located as follows:

1. Historic Sections repeated from 2000 survey – The 2000 geo-referenced alignment and cross section control markers were used to locate the section in the field using survey instruments. Many of the 2000 repeated cross section surveys proceeded from found bolts or rebar set by the MOELP, KWL or Atek survey crews in previous years. In some cases, however, pre-set pins could not be located due to destruction, burial by dyke upgrades or other structures, or overgrowth. In these cases, the geo-referenced cross section alignment was used for locations in the field.
2. Historic Sections repeated from pre-2000 survey – These are historic cross sections not previously surveyed in 2000, and as such, no known control markers exist at these locations. The approximate section alignment was pre-determined by KWL based on available historic data. This geo-referenced alignment was located in the field using survey instruments. There is no certainty that the 2011 surveyed cross sections matches exactly the alignment of previous surveys, and as such, a note stating this has been added to the margin of the cross section drawings. This was found to be the case on cross sections 40, 41, and 45. The sections were found to be located up or down stream a length that prohibited reasonable comparison to previous survey data. Cross sections 40, 41, and 45, were subsequently renamed to 39.1, 40.1, and 45.1, to better reflect their location on the river relative to other sections.
3. New Sections at key locations, no previous data – These are new sections never before surveyed. KWL pre-determined the locations based on review of existing section locations, spacing between existing sections and river features such as gravel bars. None of these sections had existing control markers, and as such, the geo-referenced alignment was located in the field using survey instruments.

1.3 Survey Methods

1.3.1 Equipment

4. Purpose-built 12' welded aluminum shallow-draft boat with 20 HP Jet outboard engine.
5. Bruttour digital echosounder with 3° 200 kHz transducer.
6. Odom Hydrotrac digital echosounder with 3° 200 kHz transducer.
7. Topcon RTK GPS with Glonass system:
 - GB500 GPS RTK base station with Pacific Crest PDL 30 W UHF radio modem
 - Legacy-E rover in survey vessel
 - Hiper+ and Hiper GGD rovers used for topographic survey.
8. Total Station: Leica TCR805 Power:
 - 900 mHz radio modem used for range-azimuth bathymetry.
9. Data Collectors: TDS Ranger 200C with Micro Survey Field Genius software.



10. Survey vessel computer: Purpose-built WinXP computer with Atek proprietary software.

1.3.2 Control Survey

The large area of the Lillooet River survey necessitated that the GPS RTK reference base station be set up in multiple locations to provide 100% RTK radio reception coverage during the course of the survey. GPS RTK base station points were situated throughout the Pemberton Valley, as required to ensure reliable reception for the survey vessel. The first base station point was set with coordinates relative to the coordinates provided for Monument 93C033 on the Highway 99 Bridge over the Lillooet River. All subsequent base station points were set in relation to the first, and wherever possible were checked against other base station points and MON 93C033. In order to provide redundant checks of the accuracy of the base station control point network, two additional methods were used. First, various control monuments throughout the valley, as identified in the Bazett 2000 survey, were surveyed as available from each GPS base station setup, which provided multiple overlapping observations of many known control points from multiple GPS base station setups. Second, at all times in each location, the GPS base station recorded raw satellite observations at 15 second intervals for Precise Point Positioning analysis, using the Natural Resources Canada Canadian Spatial Reference System online PPP system. These accurate PPP positions provided an independent verification of the absolute geographic locations of the GPS base station points. Atek achieved extremely high confidence in the complete accuracy of the control survey, with respect to its internal consistency, its precise relation to the Bazett 2000 survey, and its absolute geographic location with respect to the Global Positioning System.

1.3.3 Bathymetry

Sounder and GPS location data was collected on the vessel computer. Survey cross-section lines were preloaded in the vessel computer to allow precise navigation. Sounding lines were run with multiple river crossings, with lines run on line, and up to 5 metres upriver and downriver of each line. This ensured data redundancy against possible GPS drop-outs, the inability to survey an exact line due to physical obstructions, and allowed later surface modeling to accurately capture the shape of the bottom so that cross section bathymetry would accurately represent actual line.

In the 3 cross-sections where GPS was not available, adjacent to the Highway 99 Bridge and the Hurley Forestry Bridge, the range-azimuth system was used. The total station was connected to the vessel computer by radio modem. Sounder data and total station data (converted to Northing and Easting coordinates) was collected on the vessel computer. On each of these lines, the transducer mast top elevation was recorded to reference the transducer.

Thalweg soundings were conducted as water levels were rising, water clarity conditions deteriorating and significant amounts of woody debris in transport. Along with difficulty maintaining vessel speed, GPS reliability became an issue. Due to these challenges, the apparent accuracy, as stated by Atek, is approximately $\pm 1\text{m}$ on the horizontal, and $\pm 0.3\text{m}$ on the vertical, for points picked from the soundings.

1.3.4 Topography

Cross section topography included survey of all above water features including top and bottom of banks, intermediate ground shots, dyke and road features, and gravel bars. Where it was possible to safely wade into the river rod shots were taken.

Two data collectors were preloaded with the survey cross-section lines as well as the line control points and legal monuments. Where RTK GPS satellite reception allowed (17 lines), topography shots were



collected using GPS exclusively. On the majority of lines (41), GPS shots were taken on temporary hubs placed on gravel bars, or on found line control, then a total station survey was conducted using the GPS coordinates of these points. On the remaining lines, where GPS was not available to place and/or measure two intervisible control hubs, the Bazett 2000 line control coordinates were used for a total station survey based on found line control. In all cases, data was collected with TDS Rangers.

All topography was collected to match, as closely as possible, the alignment of previous surveys. All found control points were shot as carefully as possible. On nearly all lines it was possible to take manual rod shots using GPS or total station to overlap the bathymetry.

1.4 Datums

1.4.1 Horizontal Datum

Coordinates are UTM projection (Zone 10N) in metres based on the WGS84 ellipsoid.

1.4.2 Vertical Datum

The vertical datum is the Geological Survey of Canada CVD28 (Canada Vertical Datum 1928).

The 2011 GPS survey elevations based on the WGS84 ellipsoid were converted to the 'CVD28' using the 'HT2.0 Geoid Model'.

1.5 Level of Confidence

The following summary points are made regarding KWL's level of confidence in the final 2011 survey product:

- The thalweg survey was conducted during higher flow conditions than the cross-section survey. The cross-section survey was conducted between May 3 and June 3, 2011 (the 'swath' survey was conducted during this time period as well). For the majority of this period, flows ranged from about 100 m³/s to 200 m³/s according to preliminary Water Survey of Canada data for station 08MG005 (Lillooet River near Pemberton). After May 30, discharge began to increase rapidly, and the thalweg survey, conducted between June 4 and June 6, 2011, had preliminary discharges of between 350 m³/s and 400 m³/s.
- Higher flows made bathymetric data collection more challenging due to the higher channel velocities, floating debris and suspended sediment in the water column.
- In an effort to collect the thalweg data as quickly as possible (to minimize time spent on the river during adverse conditions), Atek increased both the boat velocity and the survey data collection 'ping' rate. These factors resulted in "noisy" data with loss of GPS position, and the data required a high degree of post-processing. Post-processed data has an apparent accuracy as noted in section 1.3.3.
- In areas of the channel that were surveyed approximately 2 weeks apart in May 2011 (cross section survey and swath survey at overlapping locations) substantial changes in the topography are evident in the data (vertical changes on the order of 1 m or more, in certain locations). Given the relatively modest flows indicated by the preliminary WSC data, it is highly unlikely that gravel-sized



sediment was mobile during this time. Other possibilities to explain the changes include the passage of large sand 'waves', and/or accumulation of woody debris.

- In general, KWL has a high degree of confidence in the accuracy of the cross-section data. By comparison, the challenges associated with river conditions during the thalweg and 'swath' survey, as well as the degree of post-processing required, mean that KWL has a lesser degree of confidence in these datasets.



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Appendix A

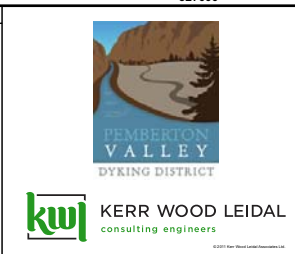
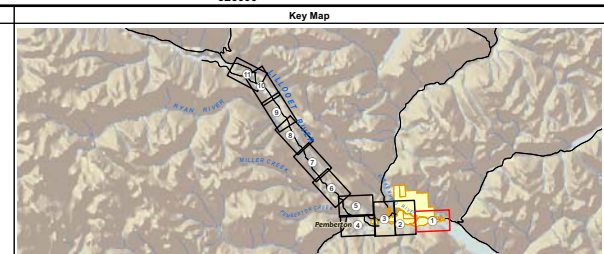
Orthophoto Key Maps



Notes

Produced by: Kern Wood Leidal Associates Ltd.
 Survey: River Survey (May 2011) by Attek Hydrographic Surveys Ltd.
 Datum: Coordinates - UTM NAD83 Zone 10, Elevations - Geoidic GD HTZ.0
 Sources: 2009 Digital Orthophoto provided by Mt. Currie Band, NAD 83 UTM (Zone 10), from May 2009
 First Nations reserve boundary from NRCAN Canada Lands Digital Cadastral data

- Legend**
- Reserve Boundary
 - Riprap
 - 2000 Modelled Area Boundary
 - Design Flood Level
 - Survey Monument
 - Floodplain Area (BC Ministry of Environment Report, 1985)
- Constructed Dyke**
- Not Modelled
 - Q200 not within 0.3 m of Crest
 - Q200 within 0.3 m of Crest
 - Q200 Overtops Dyke
- Cross Section**
- Prior to 2000
 - 2011
- Bathymetry**
- 2011 Thalweg



**Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section & Bathymetric Survey**

	Date: October 2011 Sheet No.: 1 of 11	Project No.: 713-057 Drawn: NK	Checked: Approved
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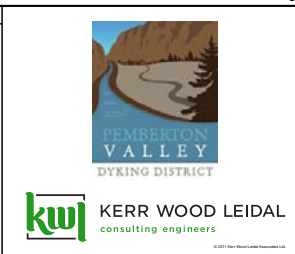
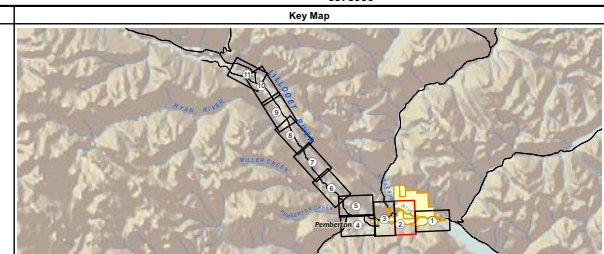


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Legend

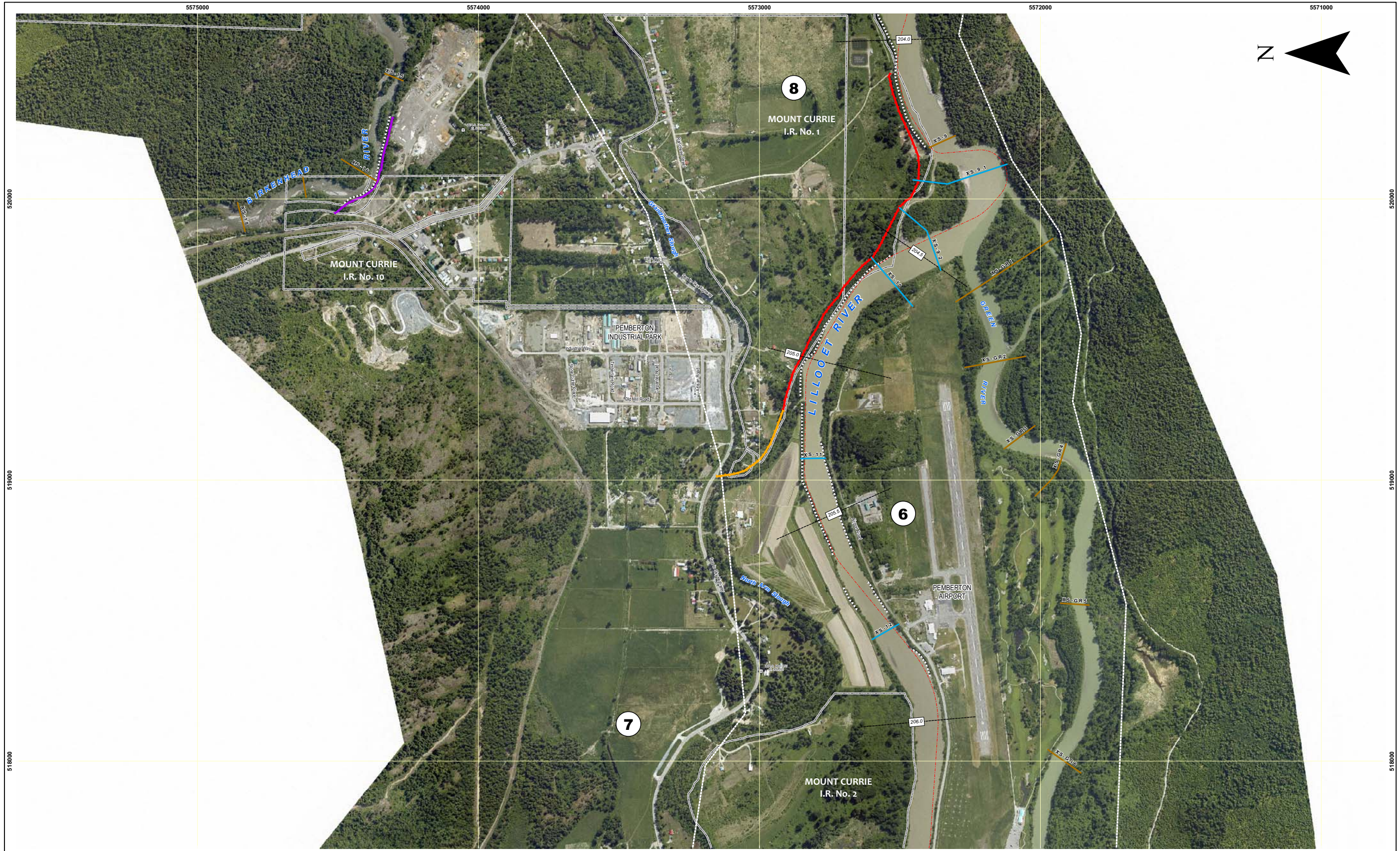
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Riprap	Q200 not within 0.3 m of Crest	2011
2000 Modelled Area Boundary	Q200 within 0.3 m of Crest	Bathymetry 2011 Thalweg
Design Flood Level	Q200 Overtops Dyke	
Survey Monument		
Floodplain Area (BC Ministry of Environment Report, 1985)		



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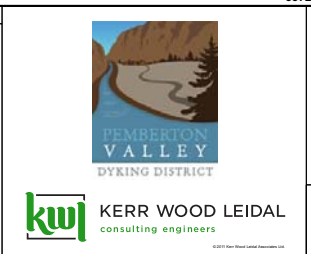
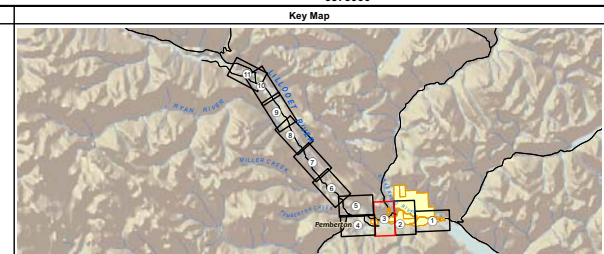


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Legend

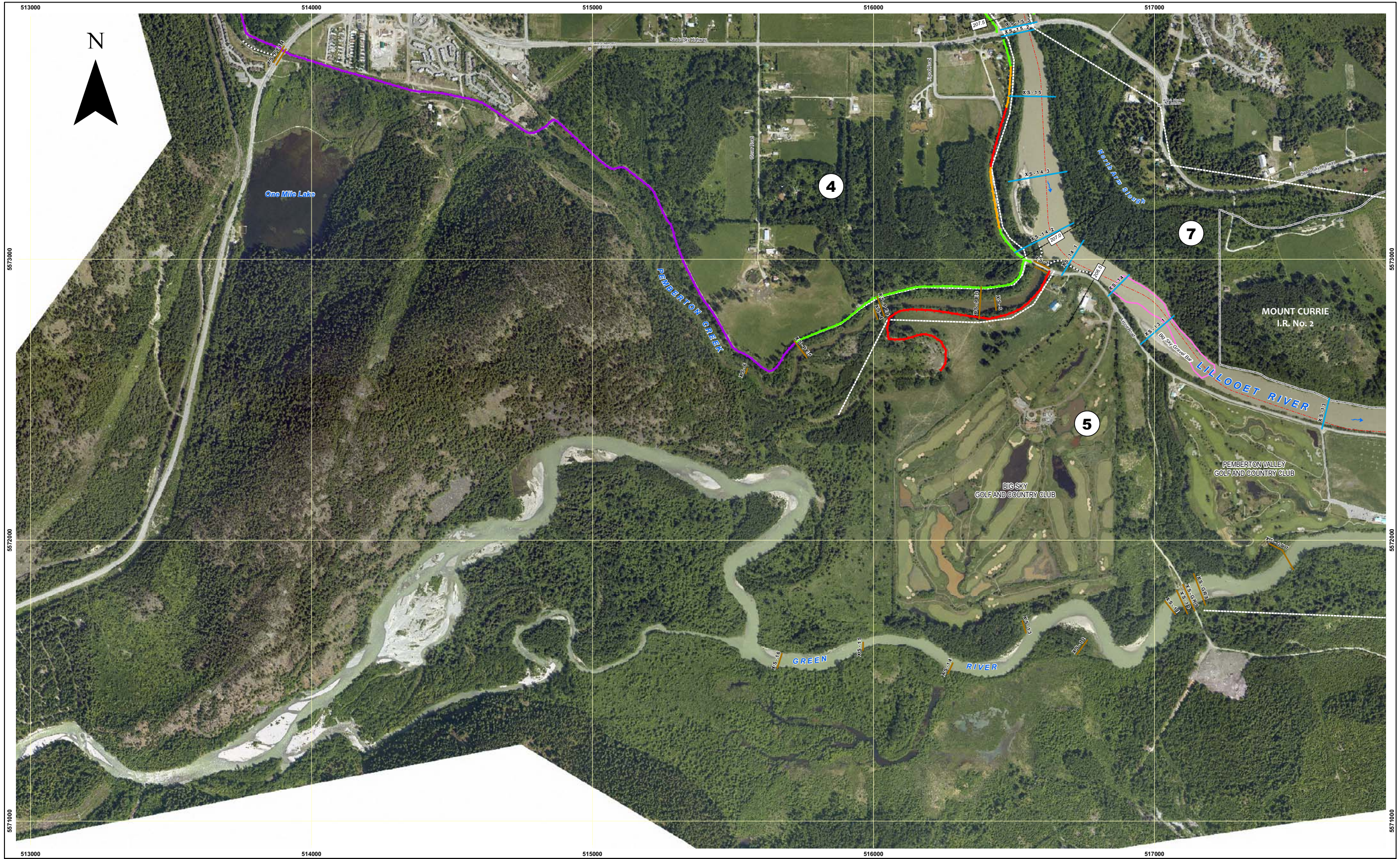
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Riprap	Q200 not within 0.3 m of Crest	2011
2000 Modelled Area Boundary	Q200 within 0.3 m of Crest	Bathymetry 2011 Thalweg
Design Flood Level	Q200 Overtops Dyke	
Survey Monument		
Floodplain Area (BC Ministry of Environment Report, 1985)		



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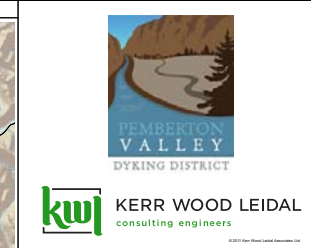
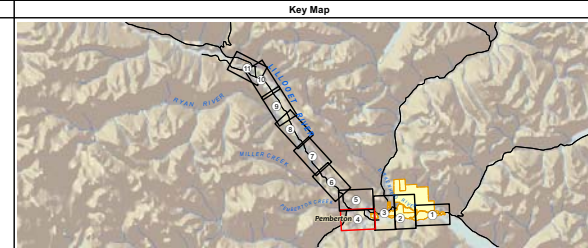
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Legend	
	Reserve Boundary
	Riprap
	2000 Modelled Area Boundary
	Design Flood Level
	Survey Monument
	Floodplain Area (BC Ministry of Environment Report, 1985)
	Constructed Dyke Not Modelled
	Q200 not within 0.3 m of Crest
	Q200 within 0.3 m of Crest
	Q200 Overtops Dyke
	Cross Section Prior to 2000
	2011
	Bathymetry 2011 Bathymetry
	2011 Thalweg

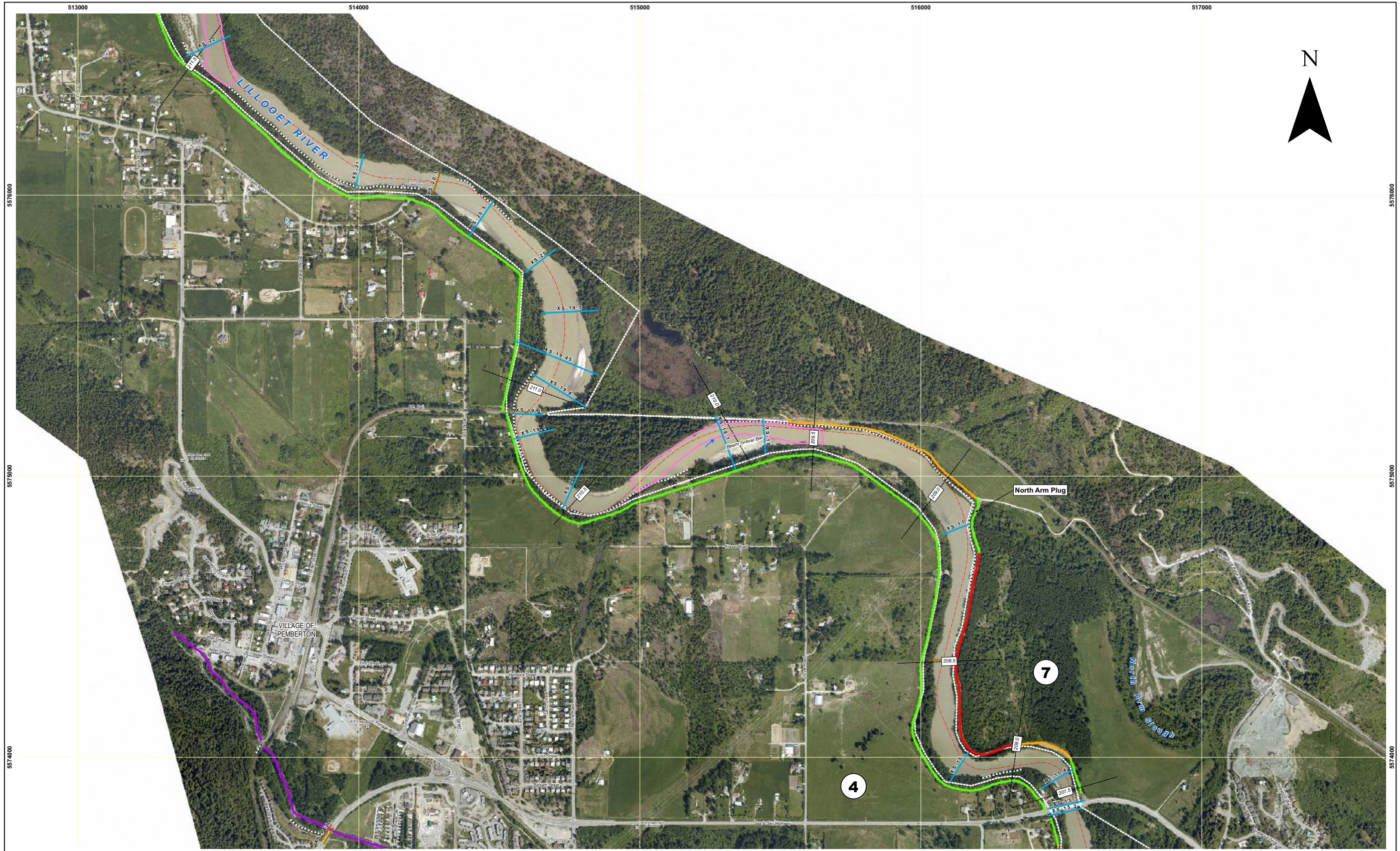


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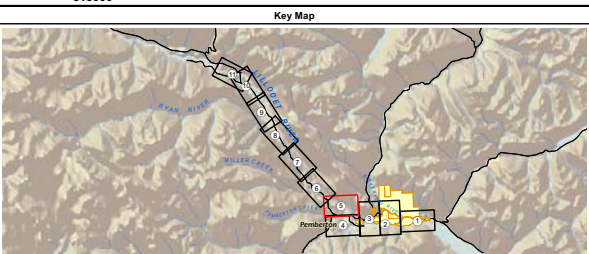
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Legend	
	Reserve Boundary
	Riprap
	2000 Modelled Area Boundary
	Design Flood Level
	Survey Monument
	Floodplain Area (BC Ministry of Environment Report, 1985)
	Constructed Dyke Not Modelled
	Q200 not within 0.3 m of Crest
	Q200 within 0.3 m of Crest
	Q200 Overtops Dyke
	Cross Section Prior to 2000
	2011
	Bathymetry 2011 Bathymetry
	2011 Thalweg



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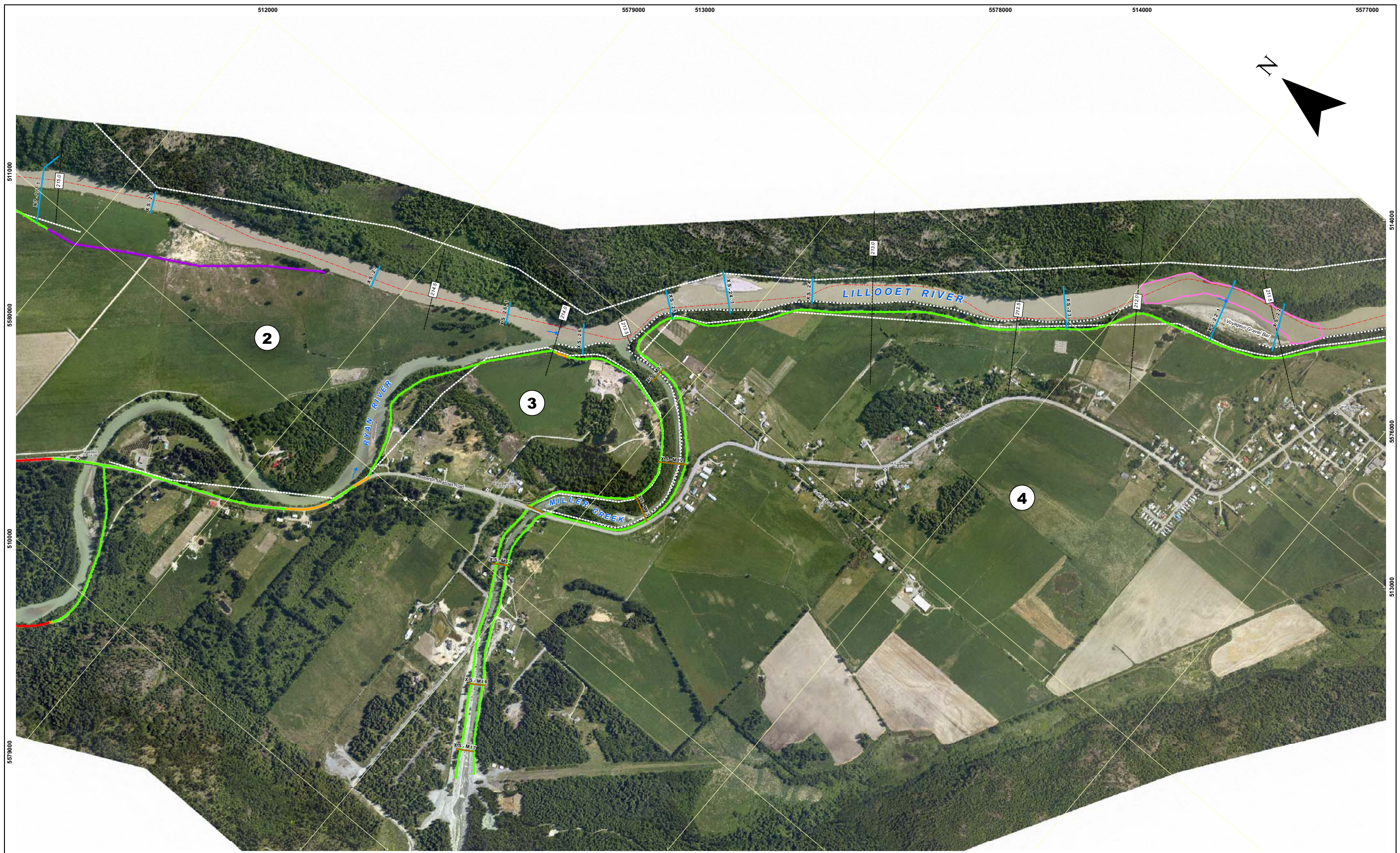
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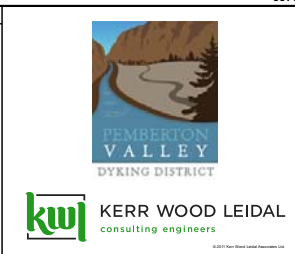
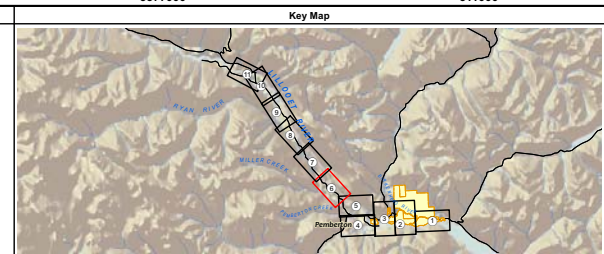
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Legend	
	Reserve Boundary
	Riprap
	2000 Modelled Area Boundary
	Design Flood Level
	Survey Monument
	Floodplain Area (BC Ministry of Environment Report, 1985)
	Constructed Dyke Not Modelled
	Q200 not within 0.3 m of Crest
	Q200 within 0.3 m of Crest
	Q200 Overtops Dyke
	Cross Section Prior to 2000
	2011
	Bathymetry 2011 Bathymetry
	2011 Thalweg



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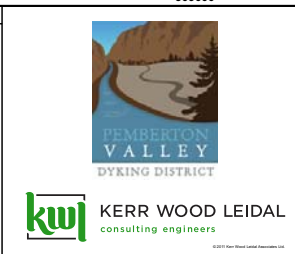
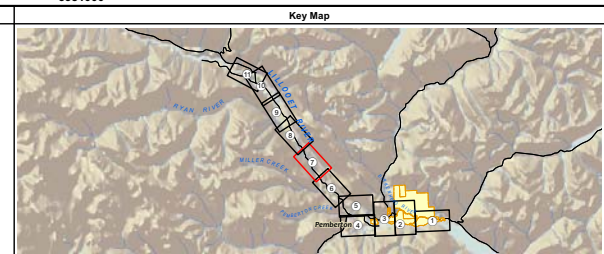
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Legend	
Reserve Boundary	Constructed Dyke Not Modelled
Riprap	Q200 not within 0.3 m of Crest
2000 Modelled Area Boundary	Q200 within 0.3 m of Crest
Design Flood Level	Q200 Overlaps Dyke
Survey Monument	Cross Section Prior to 2000
Floodplain Area (BC Ministry of Environment Report, 1985)	Bathymetry 2011
	2011 Thalweg



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1:5,000	Sheet No.: 7 of 11	Drawn: NK	Approved:

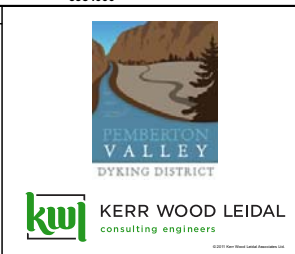
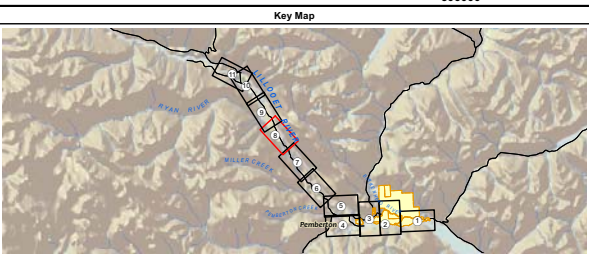
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	Bathymetry
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 Cross Section & Bathymetric Survey**

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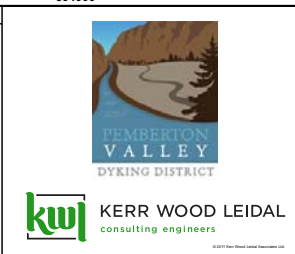
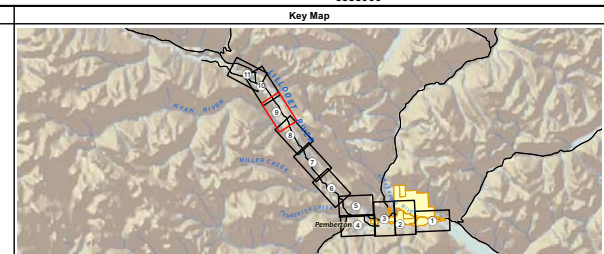
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 Datum: Coordinates - UTM NAD83 Zone 10, Elevations - Geoidic GD HTZ.0
 Sources: 2009 Digital Orthophoto provided by MR. Currie Band, NAD 83 UTM (Zone 10), from May 2009
 First Nations reserve boundary from NRCAN Canada Lands Digital Cadastral data

- Legend**
- Reserve Boundary
 - Riprap
 - 2000 Modelled Area Boundary
 - Design Flood Level
 - Survey Monument
 - Floodplain Area (BC Ministry of Environment Report, 1985)
 - Constructed Dyke
 - Not Modelled
 - Q200 not within 0.3 m of Crest
 - Q200 within 0.3 m of Crest
 - Q200 Overtops Dyke
 - Cross Section
 - Prior to 2000
 - 2011



**Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section & Bathymetric Survey**

 1:5,000	Date October 2011	Project No. 713-057	Checked Approved
	Sheet No. 9 of 11	Drawn NK	

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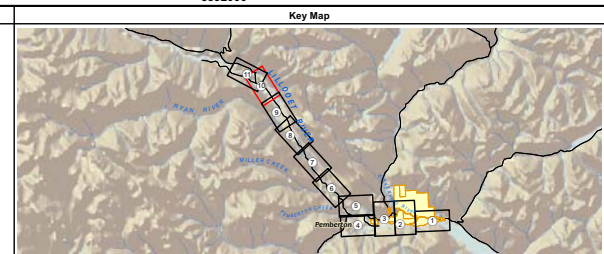


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 Sources: 2009 Digital Orthophoto provided by M. Currie Band, NAD 83 UTM (Zone 10), from May 2009
 First Nations reserve boundary from NRCAN Canada Lands Digital Cadastral data

Legend

Reserve Boundary	Constructed Dyke	Cross Section
Riprap	Not Modelled	Prior to 2000
2000 Modelled Area Boundary	Q200 not within 0.3 m of Crest	2011
Design Flood Level	Q200 within 0.3 m of Crest	
Survey Monument	Q200 Overtops Dyke	
Floodplain Area (BC Ministry of Environment Report, 1985)		



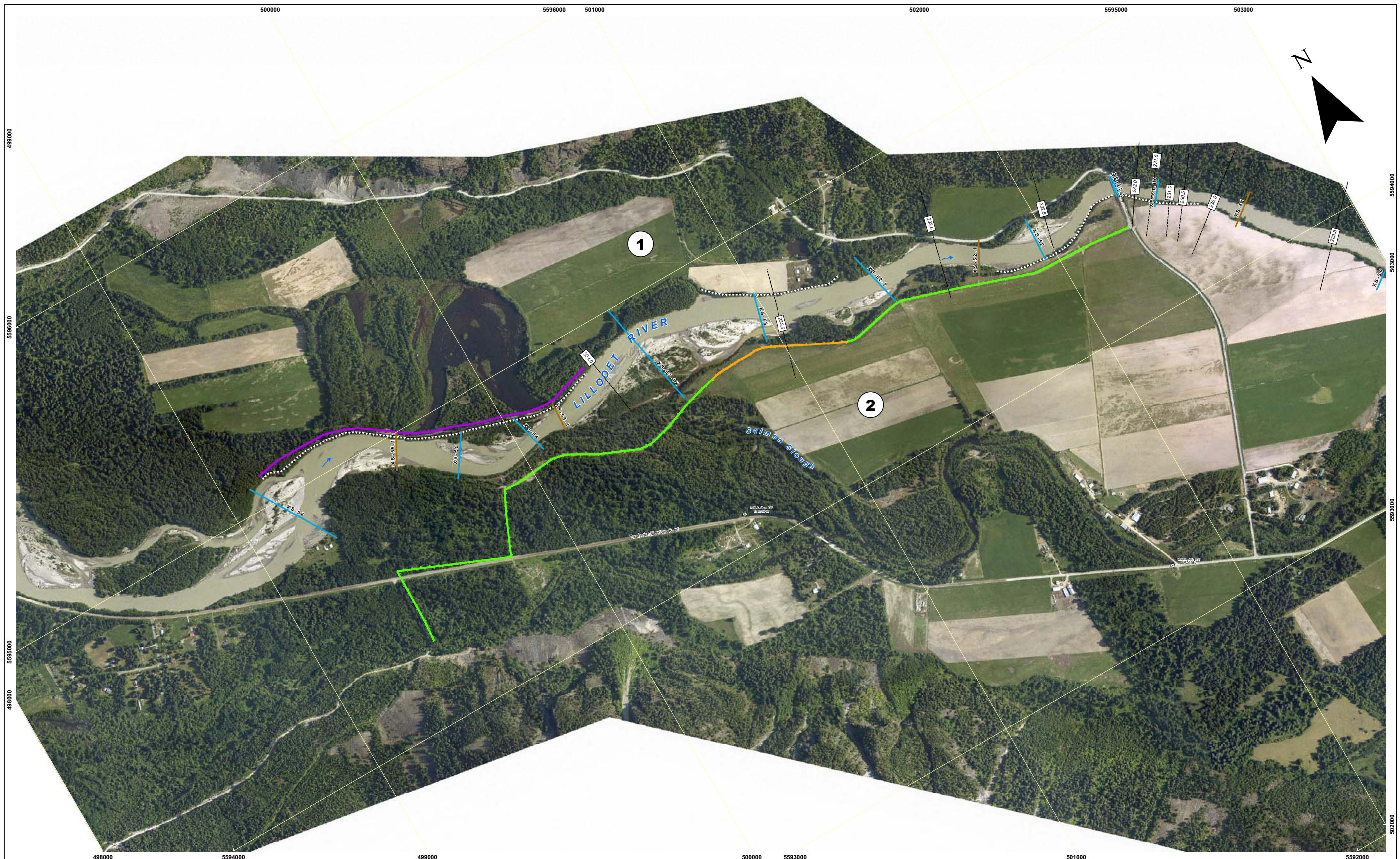
PEMBERTON VALLEY DYKING DISTRICT

KERR WOOD LEIDAL consulting engineers

**Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section & Bathymetric Survey**

	Date October 2011	Project No. 713-057	Checked Approved
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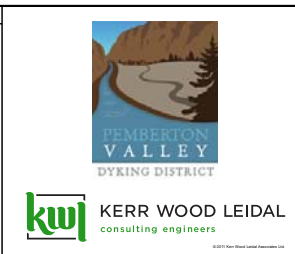
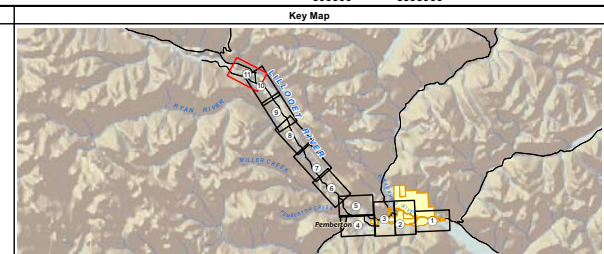


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 Datum: Coordinates - UTM NAD83 Zone 10, Elevations - Geoidic GD HTZ.0
 Sources: 2009 Digital Orthophoto provided by M. Currie Band, NAD 83 UTM (Zone 10), from May 2009
 First Nations reserve boundary from NRCAN Canada Lands Digital Cadastral data

Legend

	Constructed Dyke	Cross Section



**Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section & Bathymetric Survey**

	Date October 2011	Project No. 713-057	Checked Approved
	Sheet No. 11 of 11	Drawn NK	

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KERR WOOD LEIDAL
consulting engineers

Appendix B

Table 1: Cross Sectional Changes

Table 1: Cross-sectional changes along lower reaches of Lillooet River - 1969 to 2011

Cross-section	Chainage (m)	WIDTH (m)						AREA (m ²)						AVERAGE DEPTH (m)						MAXIMUM DEPTH (m)					
		1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011
0.2	-522	-	-	551	-	-	547	-	-	941	-	-	525	-	-	1.7	-	-	1.0	-	-	4.9	-	-	4.5
0.3	0	-	-	712	-	714	714	-	-	2011	-	1843	1783	-	-	2.8	-	2.6	2.5	-	-	5.8	-	5.6	6.1
1	926	201	276	301	-	279	279	670	1117	976	-	947	917	3.3	4.0	3.2	-	3.4	3.3	4.6	5.0	6.6	-	7.4	8.0
1.1	1,452	-	-	-	-	351	351	-	-	-	-	1226	1139	-	-	-	-	3.5	3.2	-	-	-	-	6.3	7.1
2	1,895	157	184	172	-	-	-	696	788	738	-	-	-	4.4	4.3	4.3	-	-	-	5.9	6.0	6.1	-	-	-
3	2,590	118	124	124	-	126	127	588	647	619	-	624	637	5.0	5.2	5.0	-	5.0	5.0	8.5	9.5	8.5	-	8.1	8.4
4	3,310	126	133	153	-	-	-	552	630	622	-	-	-	4.4	4.7	4.1	-	-	-	6.1	7.0	6.3	-	-	-
5	4,063	148	148	173	-	184	186	637	698	711	-	702	731	4.3	4.7	4.1	-	3.8	3.9	5.6	6.6	6.4	-	5.2	5.6
6	4,929	151	153	154	152	154	153	641	693	681	653	679	666	4.3	4.5	4.4	4.3	4.4	4.4	6.2	6.4	6.3	5.9	6.2	5.8
7	5,685	125	126	126	126	126	127	554	610	598	591	602	587	4.4	4.8	4.7	4.7	4.8	4.6	5.4	5.6	5.7	5.7	5.8	5.6
8	6,520	205	234	249	236	-	237	708	847	788	758	-	758	3.5	3.6	3.2	3.2	-	3.2	5.8	5.5	5.4	5.6	-	5.2
9	7,420	100	100	116	115	-	-	526	540	575	592	-	-	5.3	5.4	5.0	5.1	-	-	7.0	7.7	7.8	8.0	-	-
9.1	7,599	-	-	201	198	198	191	-	-	793	755	753	721	-	-	3.9	3.8	3.8	3.8	-	-	7.6	8.5	7.6	8.2
9.2	7,786	-	-	104	117	126	136	-	-	469	490	528	530	-	-	4.5	4.2	4.2	3.9	-	-	5.8	5.4	5.4	5.8
10	8,005	150	183	181	182	182	182	416	544	536	511	554	513	2.8	3.0	3.0	2.8	3.0	2.8	7.2	5.3	6.0	5.5	5.6	5.2
11	8,840	77	75	75	76	83	83	302	335	327	334	372	360	3.9	4.5	4.4	4.4	4.5	4.3	5.5	6.5	6.6	5.4	5.3	5.9
12	9,520	94	91	104	105	103	103	360	406	437	416	422	412	3.8	4.5	4.2	4.0	4.1	4.0	4.7	5.0	6.0	5.8	5.8	6.1
13	10,313	81	84	86	92	93	94	317	381	386	389	394	384	3.9	4.5	4.5	4.2	4.2	4.1	5.6	5.6	5.8	5.1	5.2	4.8
13.1	10,983	-	-	-	-	-	127	-	-	-	-	-	403	-	-	-	-	-	3.2	-	-	-	-	-	7.7
14	11,204	84	84	90	92	92	93	330	370	368	390	418	398	4.0	4.4	4.1	4.2	4.5	4.3	5.6	6.3	5.9	5.5	5.9	5.1
14.1	11,398	-	-	88	97	97	97	-	-	363	399	394	385	-	-	4.1	4.1	4.0	4.0	-	-	7.9	5.9	6.0	5.8
14.2	11,513	-	-	157	147	146	147	-	-	542	533	551	570	-	-	3.4	3.6	3.8	3.9	-	-	4.5	5.1	6.7	5.7
14.3	11,721	-	-	-	-	-	185	-	-	-	-	-	462	-	-	-	-	-	2.5	-	-	-	-	-	4.3
15	12,014	111	113	102	102	102	102	330	372	367	366	386	379	3.0	3.3	3.6	3.6	3.8	3.7	5.2	5.0	4.8	5.0	5.2	5.1
15.2	12,247	-	-	116	118	121	121	-	-	561	536	537	505	-	-	4.8	4.5	4.4	4.2	-	-	9.8	8.9	8.5	8.0
15.3	12,270	-	-	57	62	-	61	-	-	275	259	-	254	-	-	4.8	4.2	-	4.2	-	-	7.5	6.4	-	5.7
15.4	12,373	-	-	123	112	113	112	-	-	413	415	390	355	-	-	3.3	3.7	3.5	3.2	-	-	9.2	8.8	8.4	7.1
16	12,758	106	106	106	105	105	104	437	421	456	470	467	433	4.1	4.0	4.3	4.5	4.5	4.2	5.0	5.0	5.5	5.5	8.4	6.4
17	13,636	120	121	128	-	127	126	424	462	509	-	517	493	3.5	3.8	4.0	-	4.1	3.9	6.4	7.7	8.4	-	7.8	7.9
18	14,466	143	143	141	-	142	142	501	586	568	-	681	653	3.5	4.1	4.0	-	4.8	4.6	7.4	7.5	8.2	-	8.7	7.8
18.1	14,608	-	-	-	-	-	146	-	-	-	-	-	566	-	-	-	-	-	3.9	-	-	-	-	-	7.3
19	15,226	140	143	138	-	112	112	383	389	396	-	410	384	2.7	2.7	2.9	-	3.7	3.4	6.2	6.7	6.6	-	6.3	6.4
19.1	15,496	-	-	111	-	110	109	-	-	422	-	430	398	-	-	3.8	-	3.9	3.7	-	-	6.5	-	7.7	6.7
19.2	15,575	-	-	130	-	125	125	-	-	734	-	714	751	-	-	5.6	-	5.7	6.0	-	-	12.2	-	9.5	10.4
19.4	15,717	-	-	200	-	202	202	-	-	669	-	666	705	-	-	3.4	-	3.3	3.5	-	-	6.3	-	5.2	6.2
19.45	15,817	-	-	-	-	-	205	-	-	-	-	-	809	-	-	-	-	4.0	-	-	-	-	-	-	5.3
19.5	15,993	-	-	-	-	152	152	-	-	-	-	574	573	-	-	-	-	3.8	3.8	-	-	-	-	6.6	5.4
20	16,195	121	122	146	-	129	129	369	459	475	-	476	455	3.1	3.8	3.2	-	3.7	3.5	5.0	5.7	6.3	-	5.2	5.7
20.5	16,459	-	-	-	-	-	112	-	-	-	-	-	359	-	-	-	-	-	3.2	-	-	-	-	-	5.4
21	16,938	124	126	122	-	120	120	354	426	413	-	458	430	2.9	3.4	3.4	-	3.8	3.6	3.8	4.7	5.2	-	5.0	4.8
22	17,655	104	109	102	-	150	154	356	478	410	-	545	491	3.4	4.4	4.0	-	3.6	3.2	5.0	5.2	5.4	-	5.8	5.1
22.1	17,866	-	-	-	-	-	177	-	-	-	-	-	511	-	-	-	-	-	2.9	-	-	-	-	-	6.0
23	18,490	112	111	105	-	-	107	308	354	355	-	-	371	2.8	3.2	3.4	-	-	3.5	4.1	5.1	5.0	-	-	5.2
24	19,353	111	112	109	-	106	106	336	388	404	-	406	399	3.0	3.5	3.7	-	3.8	3.8	5.4	5.3	5.8	-	5.6	5.3
24.1	19,654	-	-	-	-	-	141	-	-	-	-	-	475	-	-	-	-	-	3.4	-	-	-	-	-	5.1
25	19,869	97	97	95	-	93	93	380	428	424	-	418	381	3.9	4.4	4.5	-	4.5	4.1	5.6	6.1	6.5	-	7.2	6.0
26	20,207	77	89	87	-	88	88	271	375	354	-	357	351	3.5	4.2	4.1	-	4.0	4.0	5.6	6.4	6.1	-	5.9	5.1
26.1	20,491	-	-	71	-	68	69	-	-	287	-	300	301	-	-	4.0	-	4.4	4.4	-	-	5.7	-	5.4	5.4
27	20,983	69	71	68	-	75	75	238	283	304	-	330	328	3.5	4.0	4.5	-	4.4	4.4	5.0	5.3	5.6	-	5.1	5.3
28	21,819	49	53	65	-	78	79	193	241	274	-	300	294	3.9	4.6	4.2	-	3.8	3.7	4.7	6.2	5.6	-	5.5	4.9
28.1	22,223	-	-	62	-	75	77	-	-	278	-	308	310	-	-	4.5	-	4.1	4.1	-	-	5.5	-	5.3	5.2
29	22,468	59	67	65	-	75	75	244	286	292	-	295	294	4.1	4.3	4.5	-	3.9	3.9	5.2	5.9	5.8	-	5.6	5.3
30	23,182	54	60	60	-	118	118	238	266	290	-	351	352	4.4	4.4	4.8	-	3.0	3.0	5.8	6.0	5.8	-	5.7	5.6
31	23,995	53	57	65	-	81	86	237	289	303	-	351	383	4.5	5.1	4.7	-	4.3	4.5	5.5	6.2	6.5	-	6.0	7.1

Table 1: Cross-sectional changes along lower reaches of Lillooet River - 1969 to 2011

Cross-section	Chainage (m)	WIDTH (m)						AREA (m ²)						AVERAGE DEPTH (m)						MAXIMUM DEPTH (m)					
		1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011	1969	1978	1985	1993	2000	2011
32	24,754	96	114	106	-	118	129	349	545	524	-	516	635	3.7	4.8	5.0	-	4.4	4.9	7.8	6.8	7.0	-	6.7	7.8
32.1	25,021	-	-	-	-	-	99	-	-	-	-	-	265	-	-	-	-	-	2.7	-	-	-	-	-	4.6
33	25,555	125	127	126	-	-	127	537	558	558	-	-	565	4.3	4.4	4.4	-	-	4.5	7.2	8.9	8.9	-	-	8.0
34	26,281	94	94	94	-	94	94	446	490	453	-	457	431	4.8	5.2	4.8	-	4.9	4.6	6.4	7.1	7.1	-	7.4	7.4
34.1	26,778	-	-	-	-	-	196	-	-	-	-	-	645	-	-	-	-	-	3.3	-	-	-	-	-	5.4
35	27,133	102	102	105	-	102	102	350	399	396	-	426	436	3.4	3.9	3.8	-	4.2	4.3	5.5	6.9	7.5	-	6.9	6.8
36	27,909	104	103	109	-	105	105	352	394	387	-	403	408	3.4	3.8	3.5	-	3.8	3.9	6.6	6.9	6.8	-	6.9	6.7
36.1	28,093	-	-	68	-	69	69	-	-	326	-	341	335	-	-	4.8	-	4.9	4.8	-	-	6.1	-	6.3	6.0
37	28,753	81	83	96	-	93	94	157	194	439	-	436	443	1.9	2.3	4.6	-	4.7	4.7	3.3	3.6	6.5	-	6.6	6.8
38	29,651	68	68	72	-	-	74	247	282	302	-	-	305	3.6	4.1	4.2	-	-	4.1	5.3	5.8	5.2	-	-	5.2
39	30,531	76	76	76	-	-	77	242	292	305	-	-	309	3.2	3.8	4.0	-	-	4.0	4.3	5.5	4.8	-	-	5.0
39.1	31,101	-	-	-	-	-	78	-	-	-	-	-	333	-	-	-	-	-	4.3	-	-	-	-	-	5.3
40	31,291	72	71	68	-	-	-	221	255	262	-	-	-	3.1	3.6	3.9	-	-	-	5.1	6.1	5.8	-	-	-
40.1	31,861	-	-	-	-	-	78	-	-	-	-	-	420	-	-	-	-	-	5.4	-	-	-	-	-	6.7
41	31,891	92	90	91	-	-	-	407	465	483	-	-	-	4.4	5.2	5.3	-	-	-	5.9	6.7	7.0	-	-	-
42	32,812	87	91	97	-	102	103	359	388	453	-	498	494	4.1	4.3	4.7	-	4.9	4.8	7.0	7.6	6.7	-	7.1	6.7
42.1	33,191	-	-	135	-	133	133	-	-	682	-	745	666	-	-	5.1	-	5.6	5.0	-	-	7.3	-	8.1	7.1
42.2	33,462	-	-	288	-	289	318	-	-	764	-	695	788	-	-	2.6	-	2.4	2.5	-	-	5.0	-	6.3	5.2
43	33,815	191	234	?	-	-	-	372	617	?	-	-	-	1.9	2.6	?	-	-	-	4.6	4.7	?	-	-	-
43.1	34,191	-	-	250	-	-	249	-	-	812	-	-	863	-	-	3.3	-	-	3.5	-	-	6.6	-	-	6.9
43.2	34,613	-	-	-	-	-	238	-	-	-	-	-	526	-	-	-	-	-	2.2	-	-	-	-	-	5.2
44	35,080	77	84	92	-	-	-	340	396	452	-	-	-	4.4	4.7	4.9	-	-	-	6.2	6.8	6.4	-	-	-
45	35,660	81	80	88	-	-	-	385	433	425	-	-	-	4.8	5.4	4.8	-	-	-	6.0	7.5	7.2	-	-	-
45.1	35,790	-	-	-	-	-	102	-	-	-	-	-	462	-	-	-	-	-	4.5	-	-	-	-	-	6.9
46	36,400	211	229	272	-	-	282	754	826	822	-	-	810	3.6	3.6	3.0	-	-	2.9	5.8	5.7	6.0	-	-	6.0
47	37,030	?	120	154	-	-	139	?	574	675	-	-	566	?	4.8	4.4	-	-	4.1	?	6.2	6.6	-	-	6.5
48	37,640	?	84	83	-	-	107	?	390	375	-	-	432	?	4.6	4.5	-	-	4.1	?	6.2	6.0	-	-	5.7
49	38,270	?	68	66	-	-	-	?	367	346	-	-	-	?	5.4	5.2	-	-	-	?	7.3	6.9	-	-	-
50	38,930	?	85	85	-	-	85	?	360	360	-	-	322	?	4.2	4.2	-	-	3.8	?	5.3	5.5	-	-	5.7
51	39,610	?	51	52	-	-	-	?	241	245	-	-	-	?	4.7	4.7	-	-	-	?	6.5	6.5	-	-	-
51.1X	39,757	-	-	-	-	-	63	-	-	-	-	-	262	-	-	-	-	-	4.2	-	-	-	-	-	6.4
51.1	39,907	-	-	66	-	66	66	-	-	621	-	577	559	-	-	9.5	-	8.7	8.5	-	-	13.2	-	12.2	11.8
51.2	39,916	-	-	68	-	69	68	-	-	641	-	615	610	-	-	9.4	-	9.0	8.9	-	-	13.2	-	12.5	11.7
52	40,265	179	162	83	-	164	164	410	392	284	-	461	423	2.3	2.4	3.4	-	2.8	2.6	5.9	7.5	5.6	-	5.6	6.2
52.2	40,872	-	-	169	-	-	187	-	-	531	-	-	526	-	-	3.1	-	-	2.8	-	-	6.0	-	-	5.1
53	41,306	169	144	182	-	184	183	266	297	560	-	594	537	1.6	2.1	3.1	-	3.2	2.9	3.7	4.3	4.8	-	5.5	4.8
53.1X	41,706	-	-	-	-	-	307	-	-	-	-	-	470	-	-	-	-	-	1.5	-	-	-	-	-	4.5
54	42,246	78	77	128	-	129	128	252	292	406	-	371	325	3.2	3.8	3.2	-	2.9	2.5	4.4	5.6	6.2	-	5.9	5.5
55	42,503	66	114	151	-	151	151	290	471	449	-	421	442	4.4	4.1	3.0	-	2.8	2.9	5.2	5.5	5.8	-	4.2	5.3
56	43,213	144	200	178	-	230	316	486	634	627	-	391.5	467	3	3	4	-	?	1.5	5.8	5.4	6.2	-	3.4	3.7



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Appendix C

Cross Section Drawings

Legend

- KWL 2011
- WMB Victoria 1985

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.



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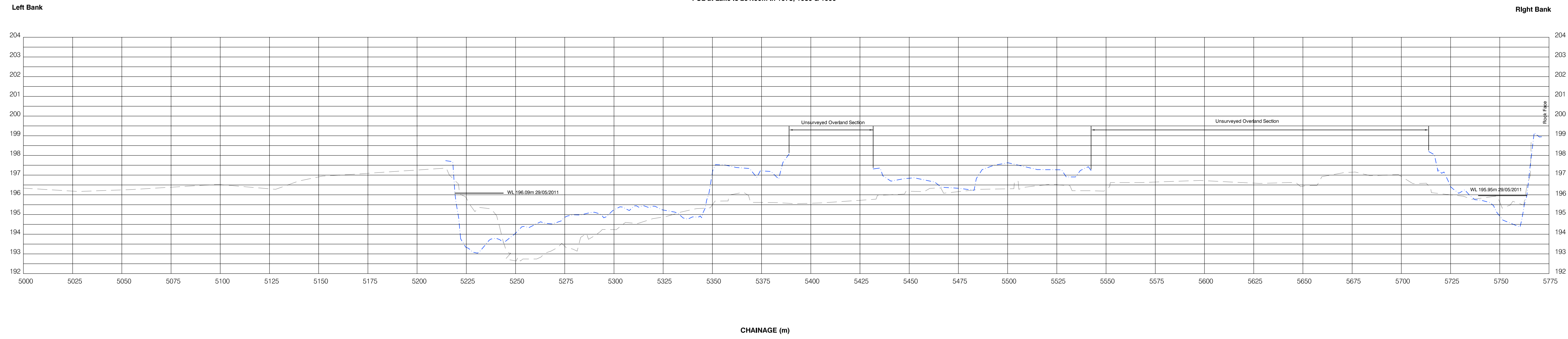
1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 0.2**

LILLOOET RIVER

FCL at Lake is 201.00m in 1973, 1980 & 1990



Flood Level Data from Floodplain Maps 5022-1, 5022-1A & 88-44-1

Oct.13.11

7:13:07 Drawings\CrossSectionPlots\XS0-2-2011.dwg

Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

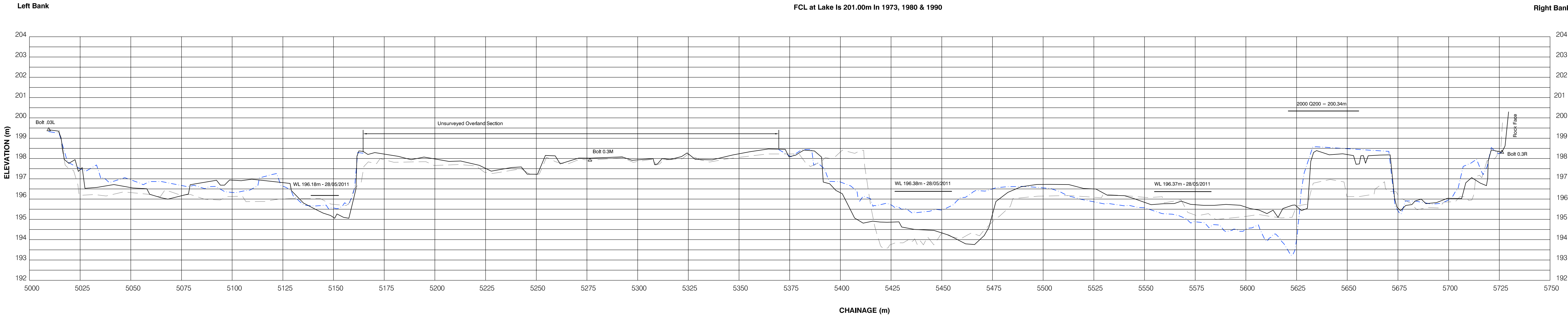


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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 0.3**

LILLOOET RIVER
 FCL at Lake Is 201.00m In 1973, 1980 & 1990



Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - KWL 2011
- KWL 2000
- - - WMB Victoria 1985
- - - WMB Victoria 1978
- - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



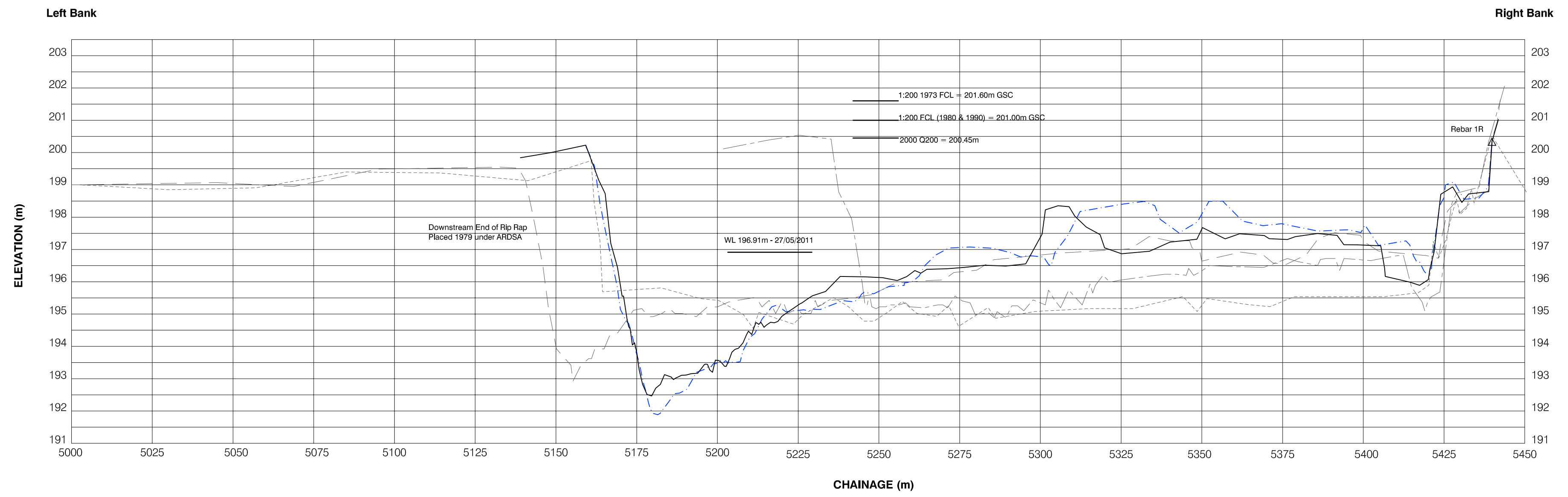
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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 1**

LILLOOET RIVER

FCL at Lake is 201.00m in 1973, 1980 & 1990

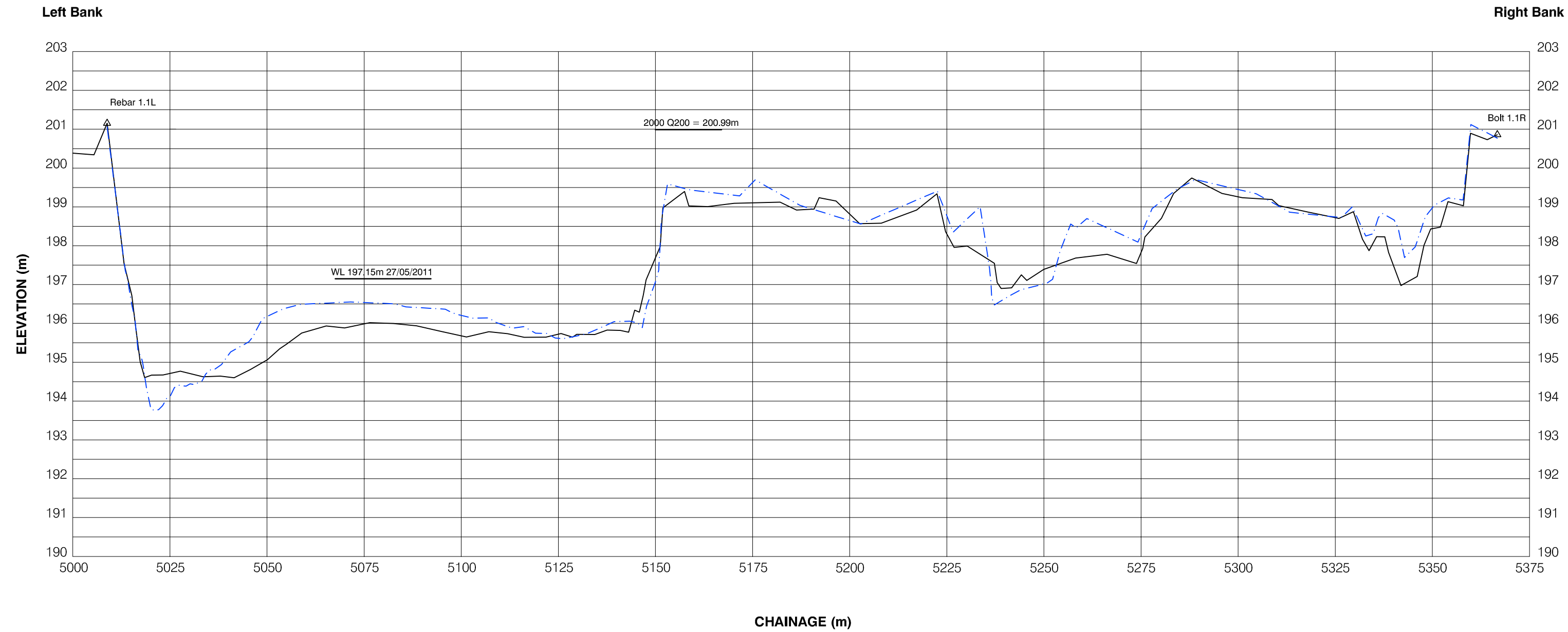


Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

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Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

LILLOOET RIVER

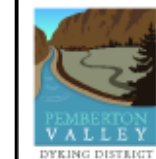


Legend

- - - KWL 2011
- KWL 2000

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. All Q200 levels are metres Geodetic and exclude freeboard.



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Project No.
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Date
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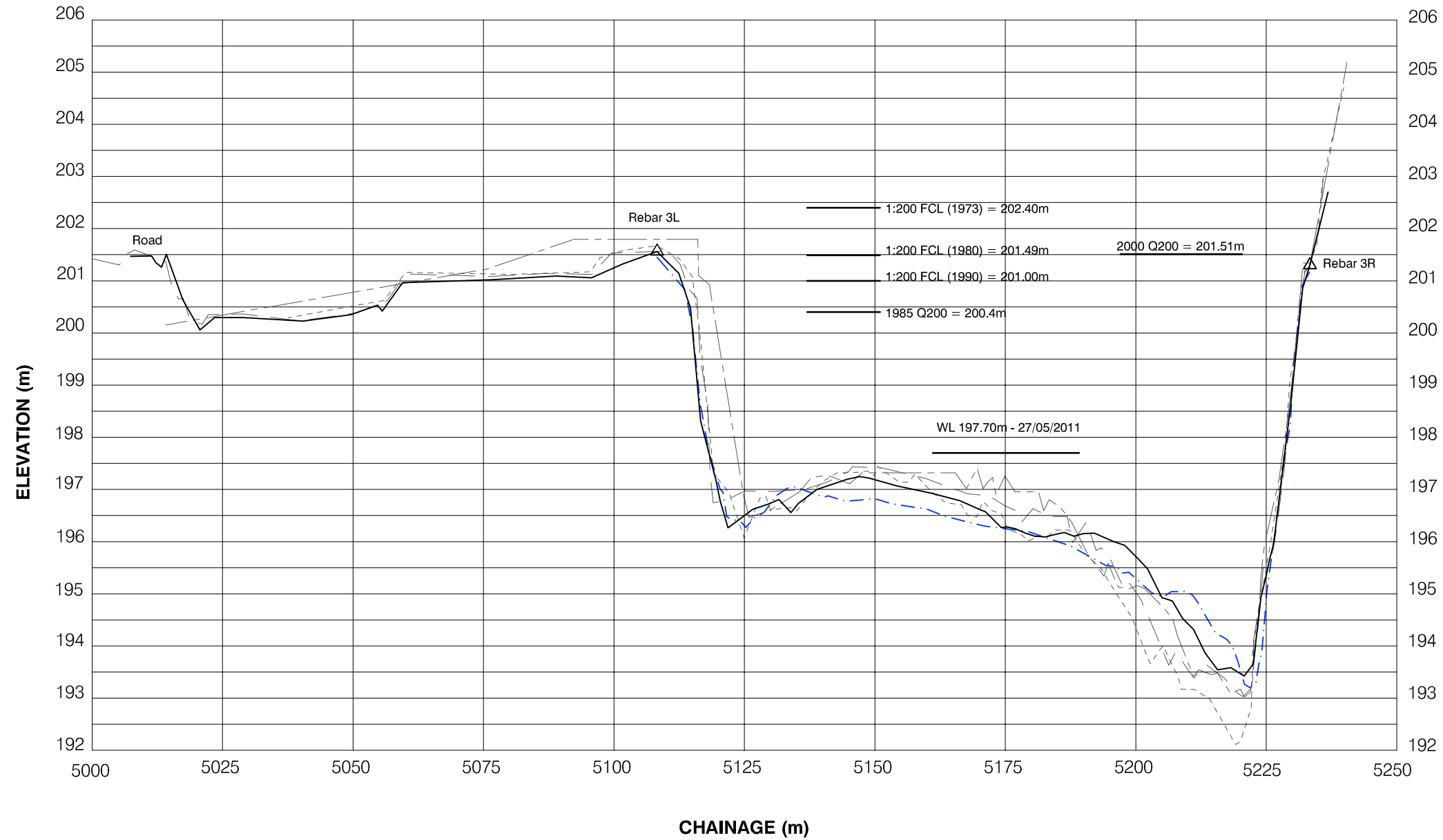
**Lillooet River
Cross-Section
XS 1.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

LILLOOET RIVER

Left Bank

Right Bank



Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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Project No.
713.057

Date
September 2011

Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

**Lillooet River
 Cross-Section
 XS 3**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 1978 data does not fit at mountain slope.
4. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
5. Cross section survey conducted between May and June 2011.
6. All Q200 levels are metres Geodetic and exclude freeboard.



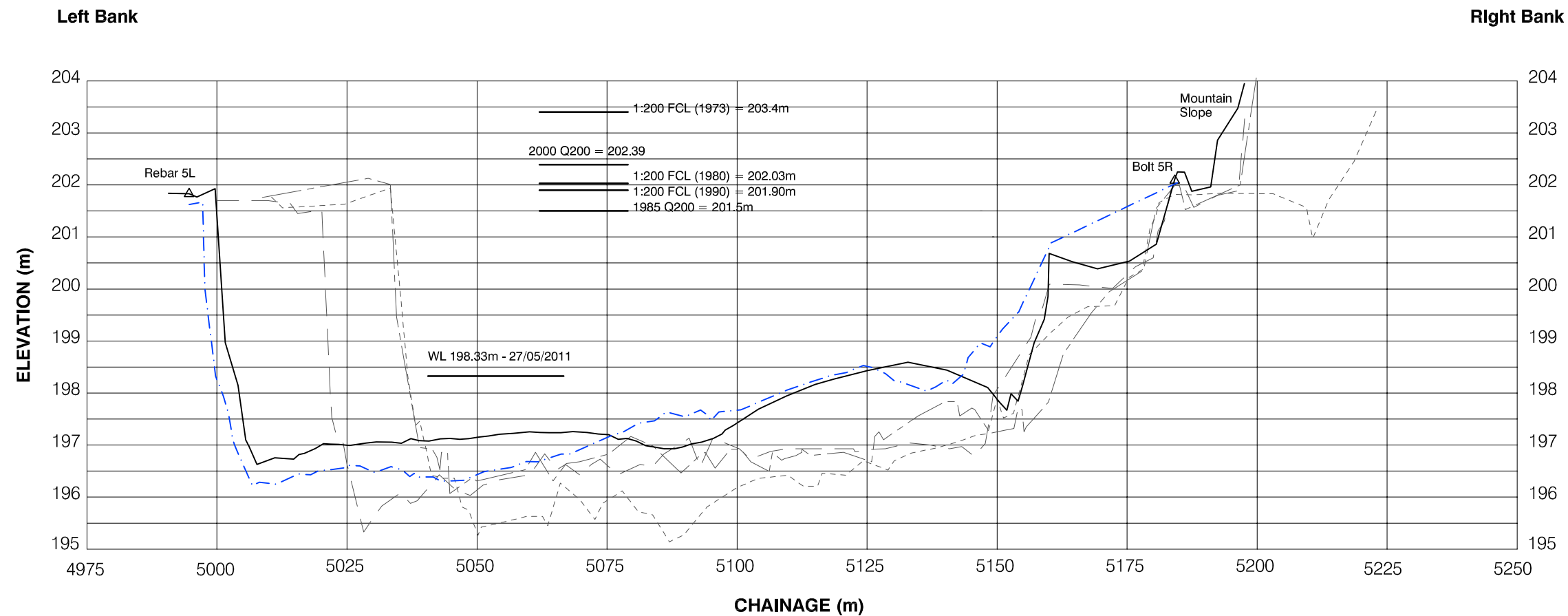
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 5**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

Oct.13/11

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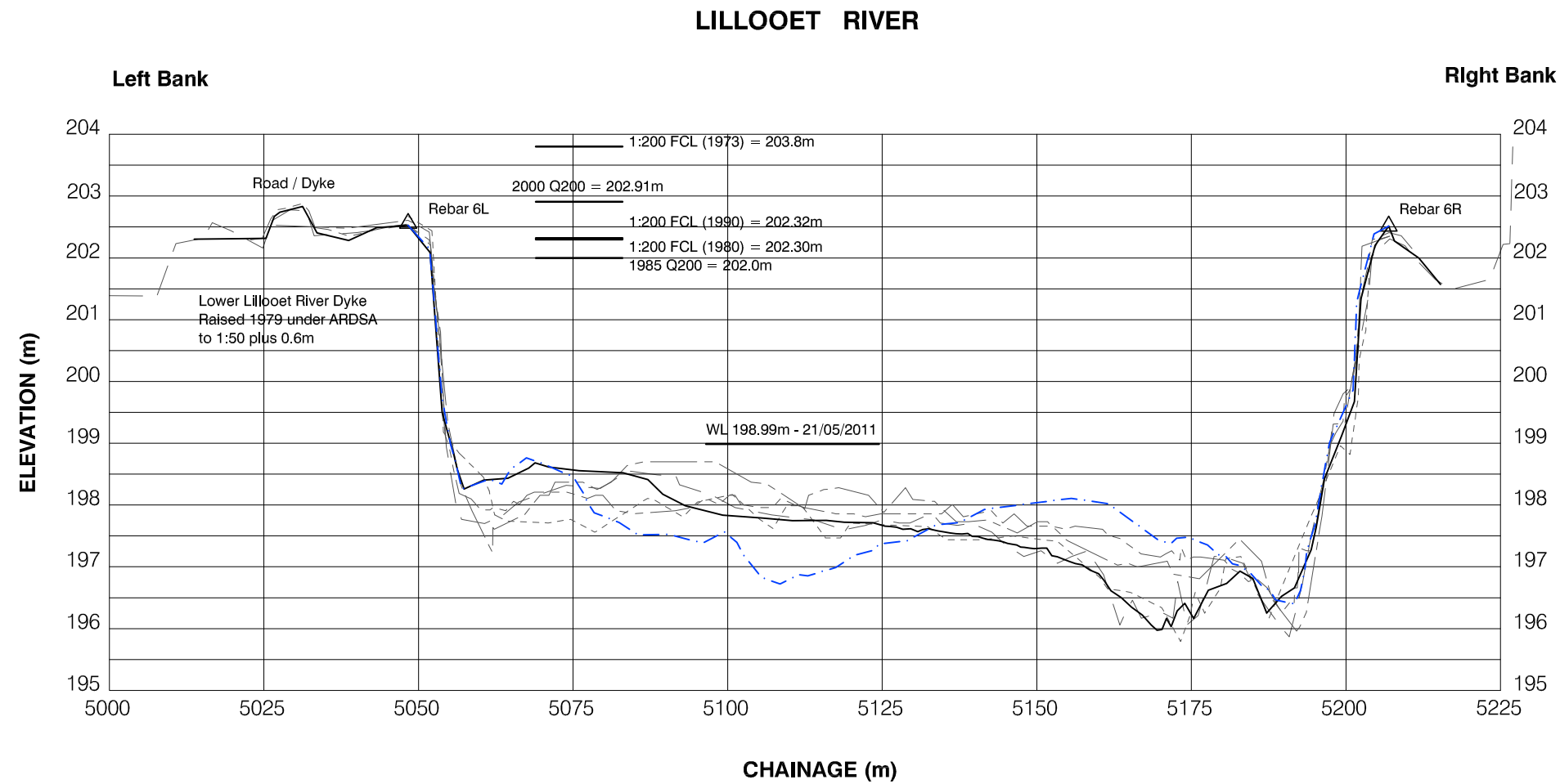
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

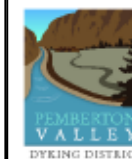
- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-2



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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 6**

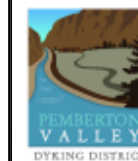
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



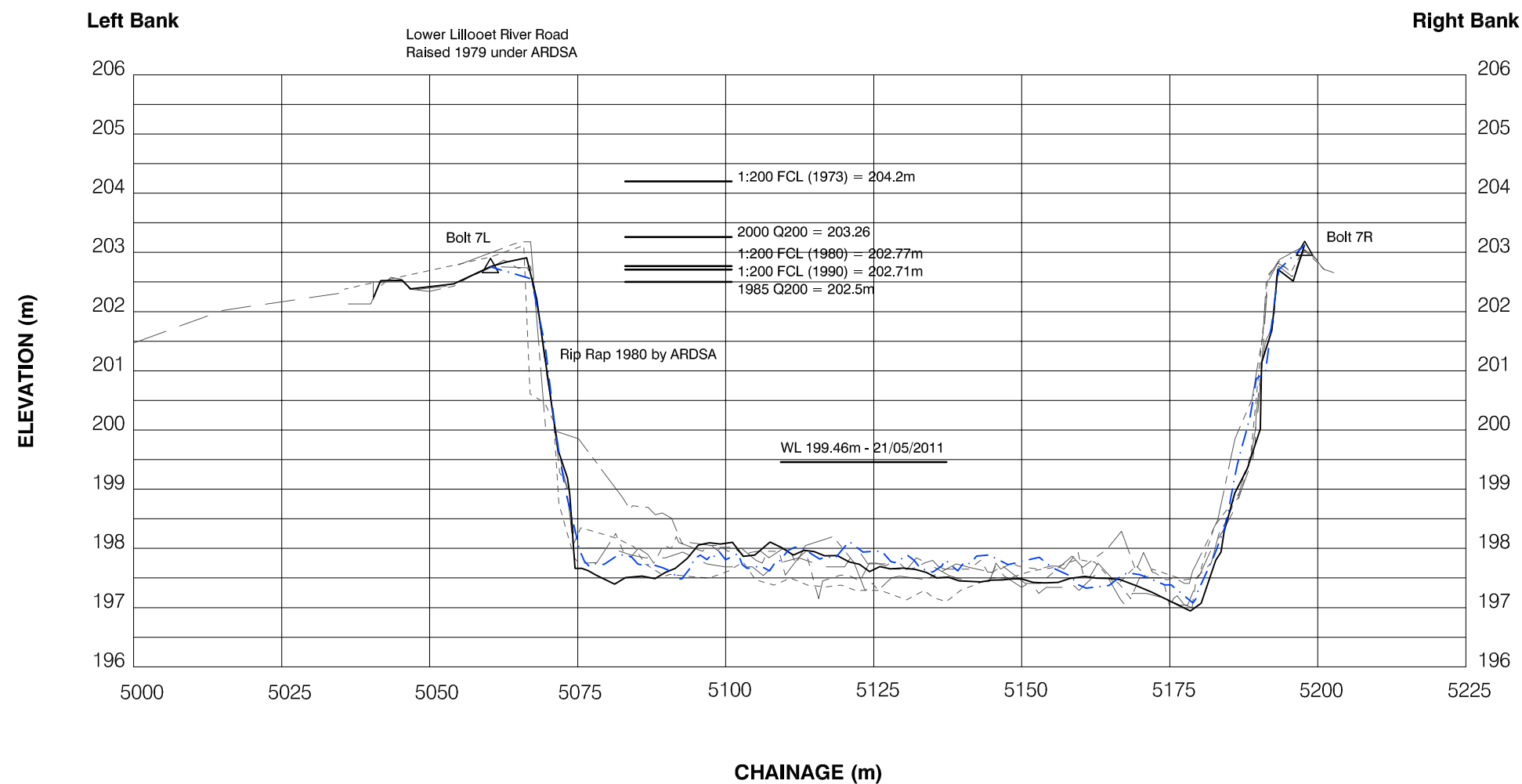
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 7**

LILLOOET RIVER





Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-2

Oct.13/11

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Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

-  KWL 2011
-  WMB Victoria 1993
-  WMB Victoria 1985
-  WMB Victoria 1978
-  WMB Victoria 1969

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

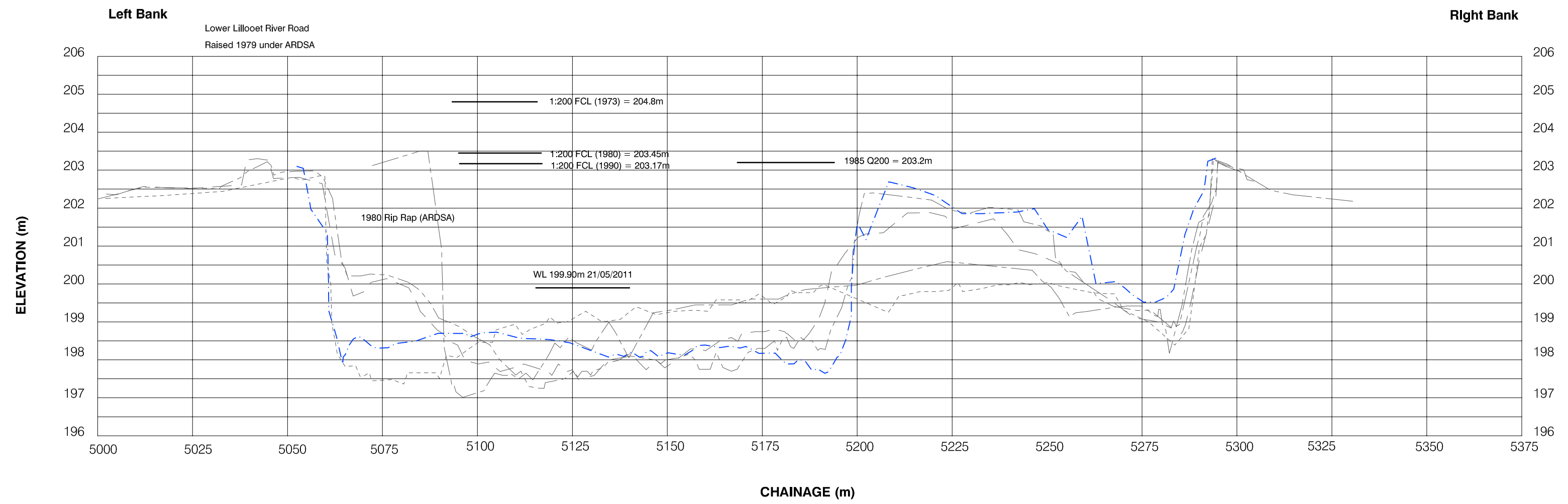


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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 8**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-2, 5022-2A & 88-44-2

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Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

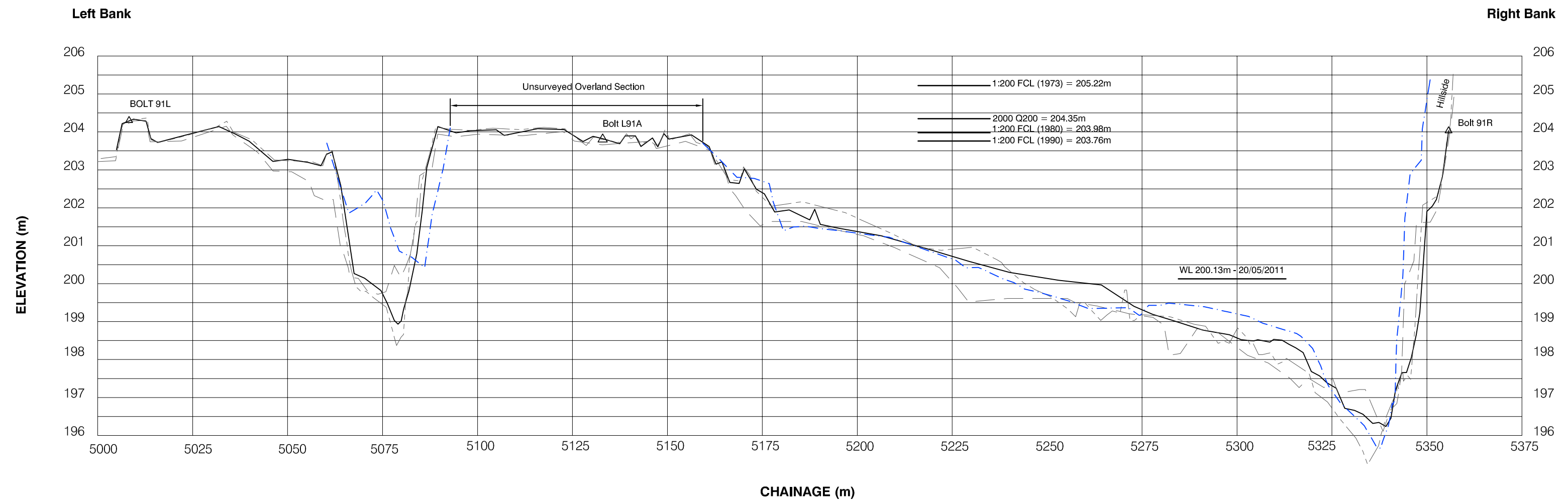


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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 9.1**

LILLOOET RIVER
Near Green River Confluence



Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

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Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

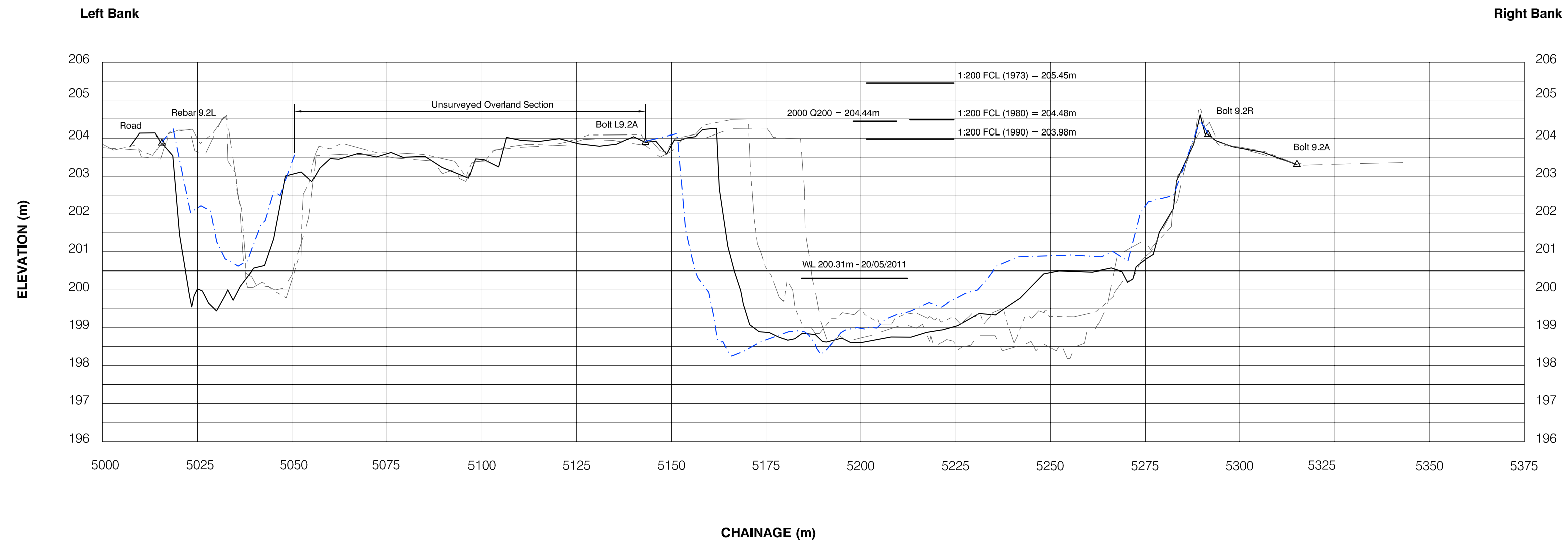


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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 9.2**

LILLOOET RIVER
Above Green River Confluence



Flood Level Data from Floodplain Maps 5022-1, 5022-1A, 88-44-1

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

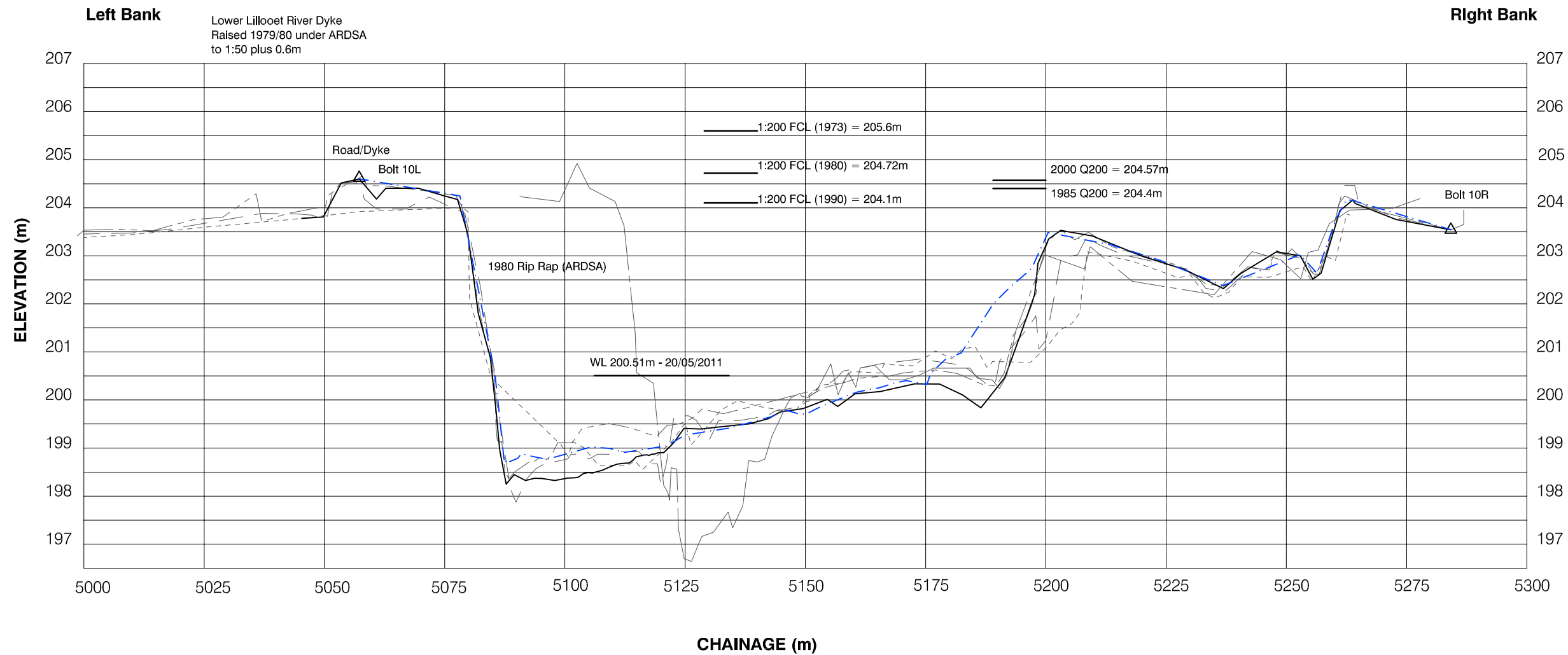
Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1993
- - - WMB Victoria 1985
- - - WMB Victoria 1978
- - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 1969 data shifted 90.7m right to fit bank by MoELP. Data may be unreliable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-3, 5022-3A, 88-44-3



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**Lillooet River
 Cross-Section
 XS 10**

Oct.13/11

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Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

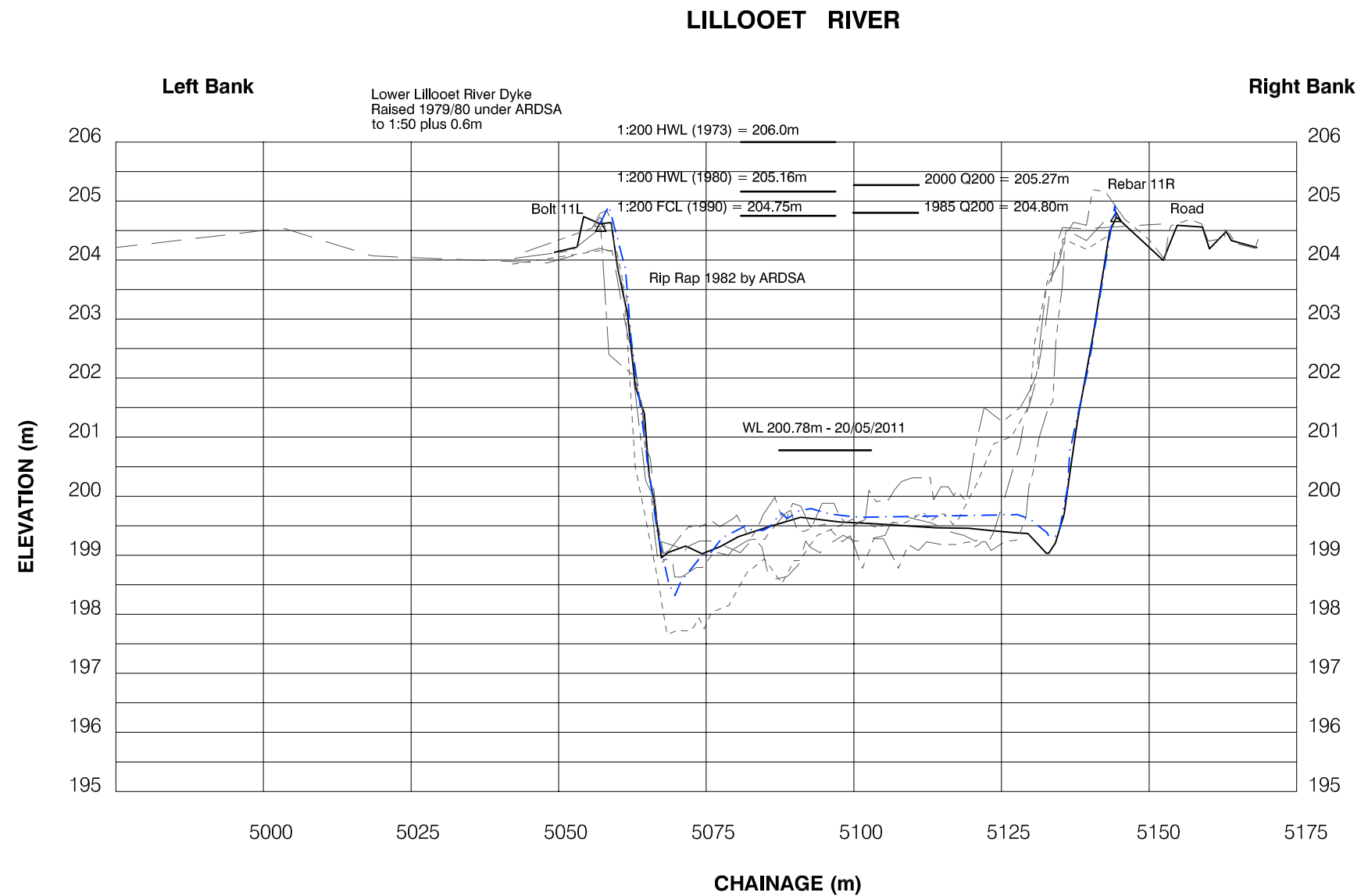


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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 11**



Flood Level Data from Floodplain Maps 5022-3, 5022-3A, 88-44-3

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985
- - - - WMB Victoria 1978
- - - - WMB Victoria 1969

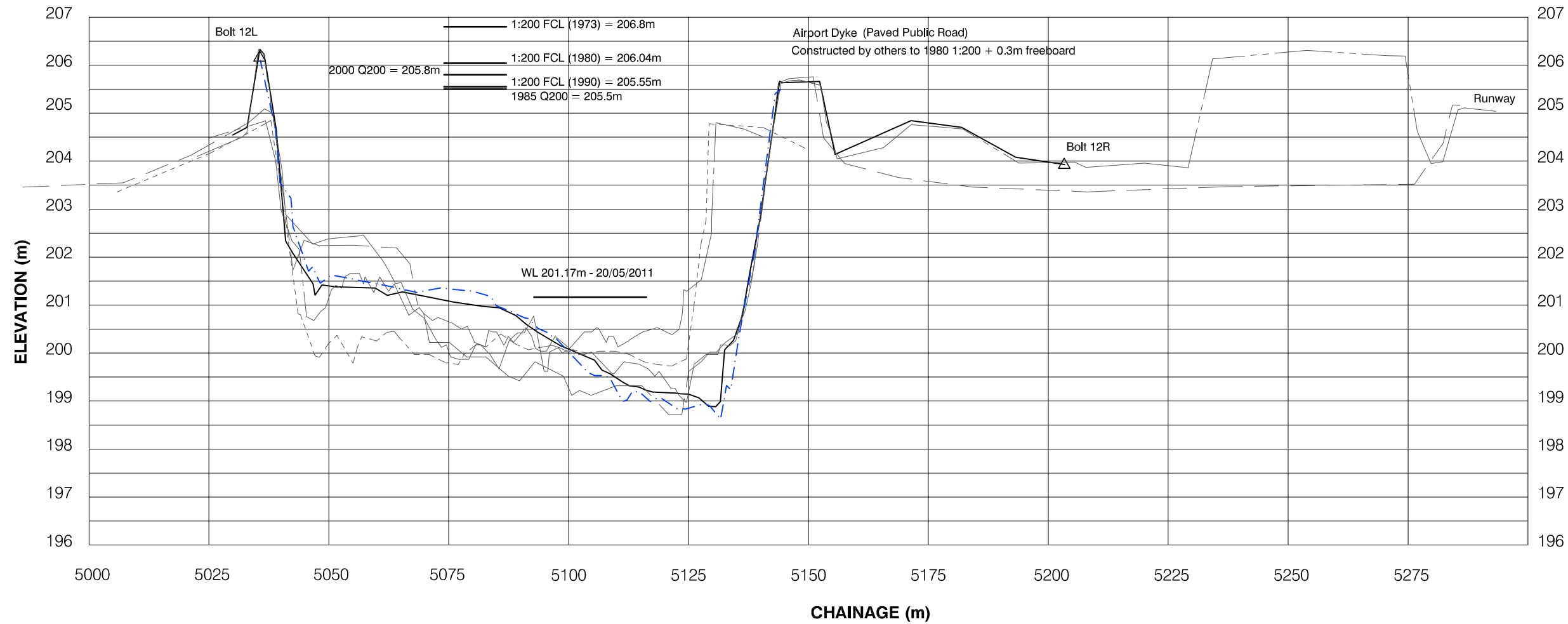
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 1969 data shifted 50m right to fit bank by MoELP. Data may be unreliable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER

Left Bank

Right Bank



Flood Level Data from Floodplain Maps 5022-3, 5022-3A, 88-44-3



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Project No.
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Date
September 2011

**Lillooet River
Cross-Section
XS 12**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

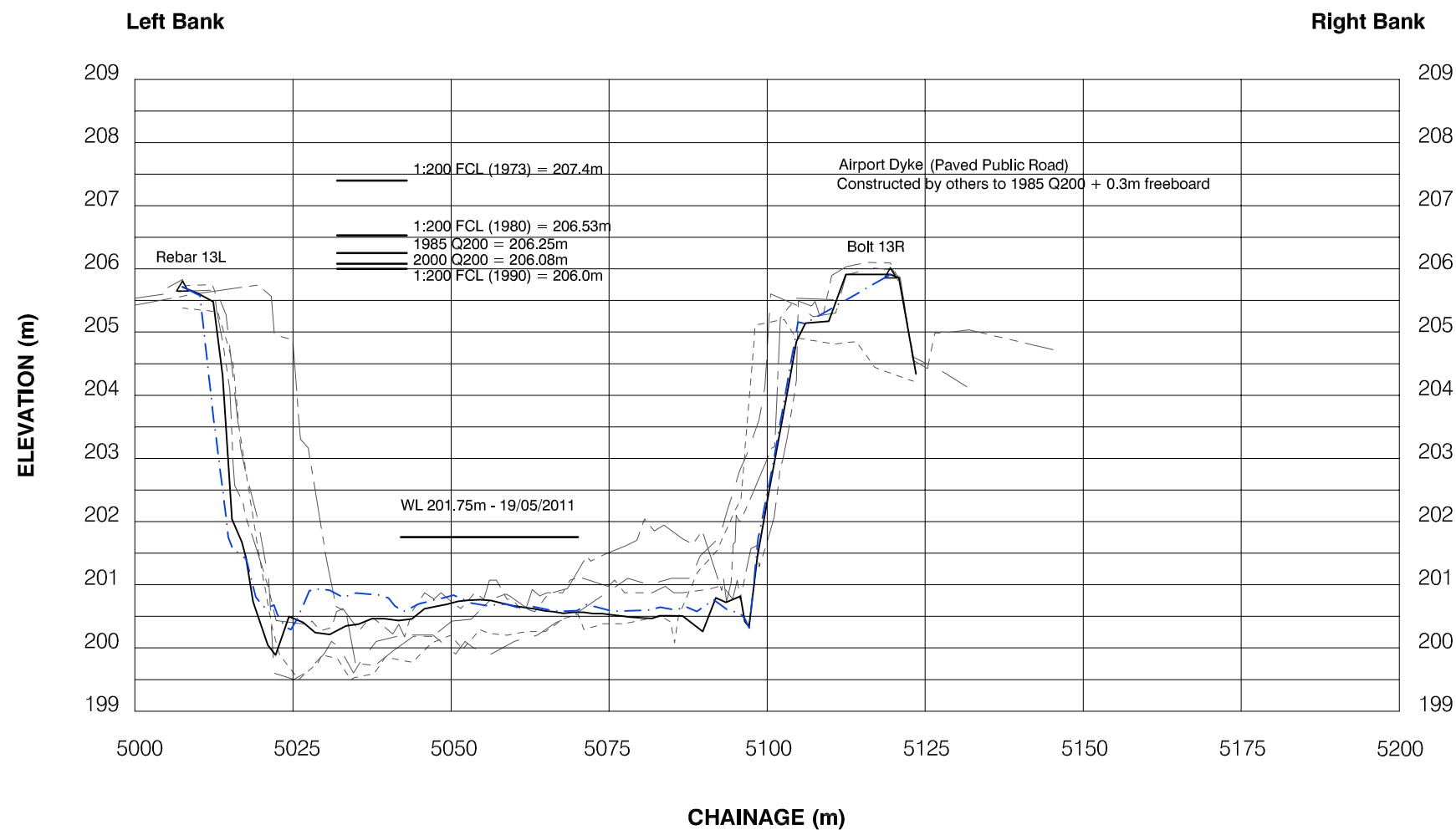
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

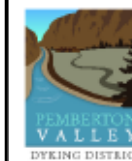
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-3, 5022-3A, 88-44-4



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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 13**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

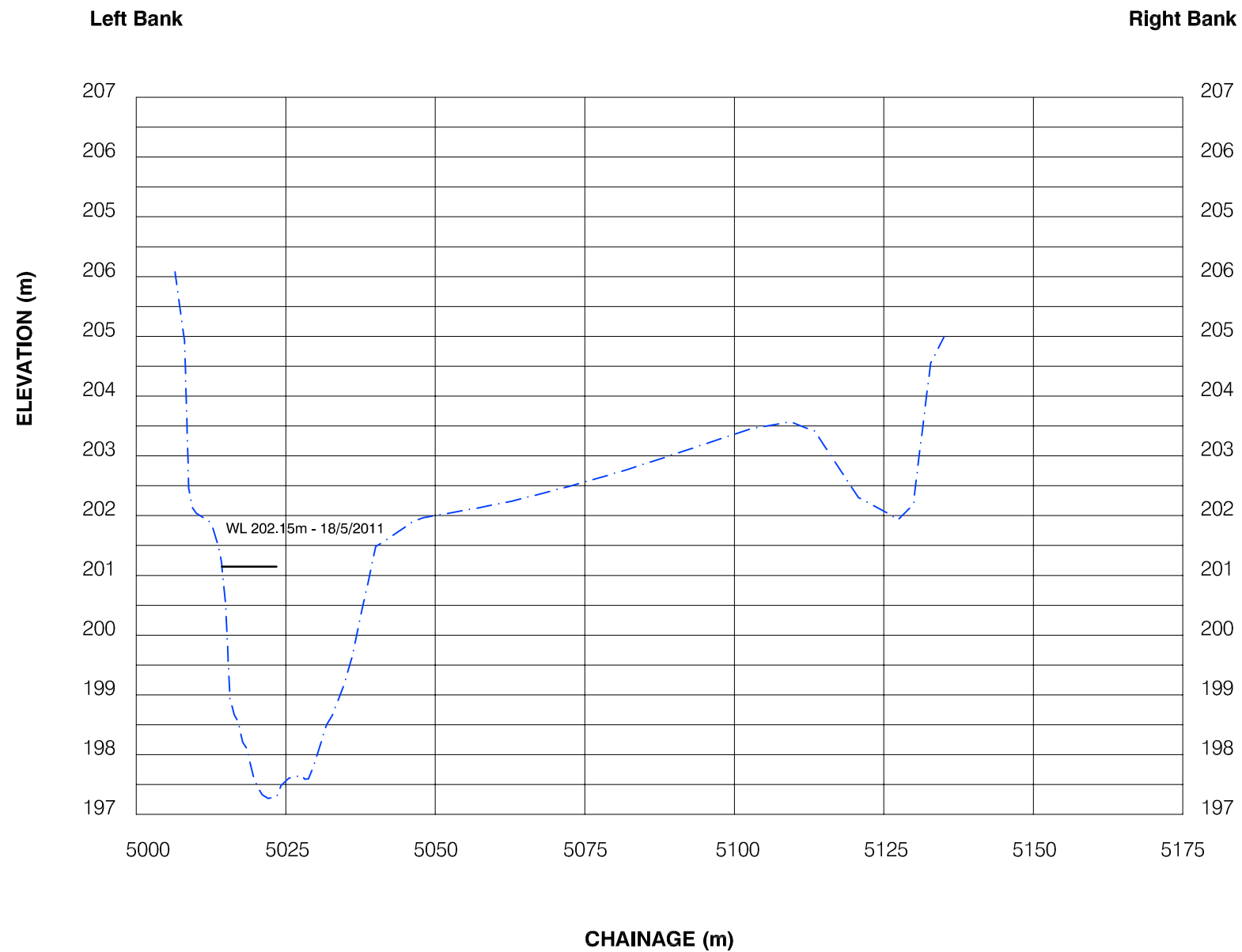
Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 13.1**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

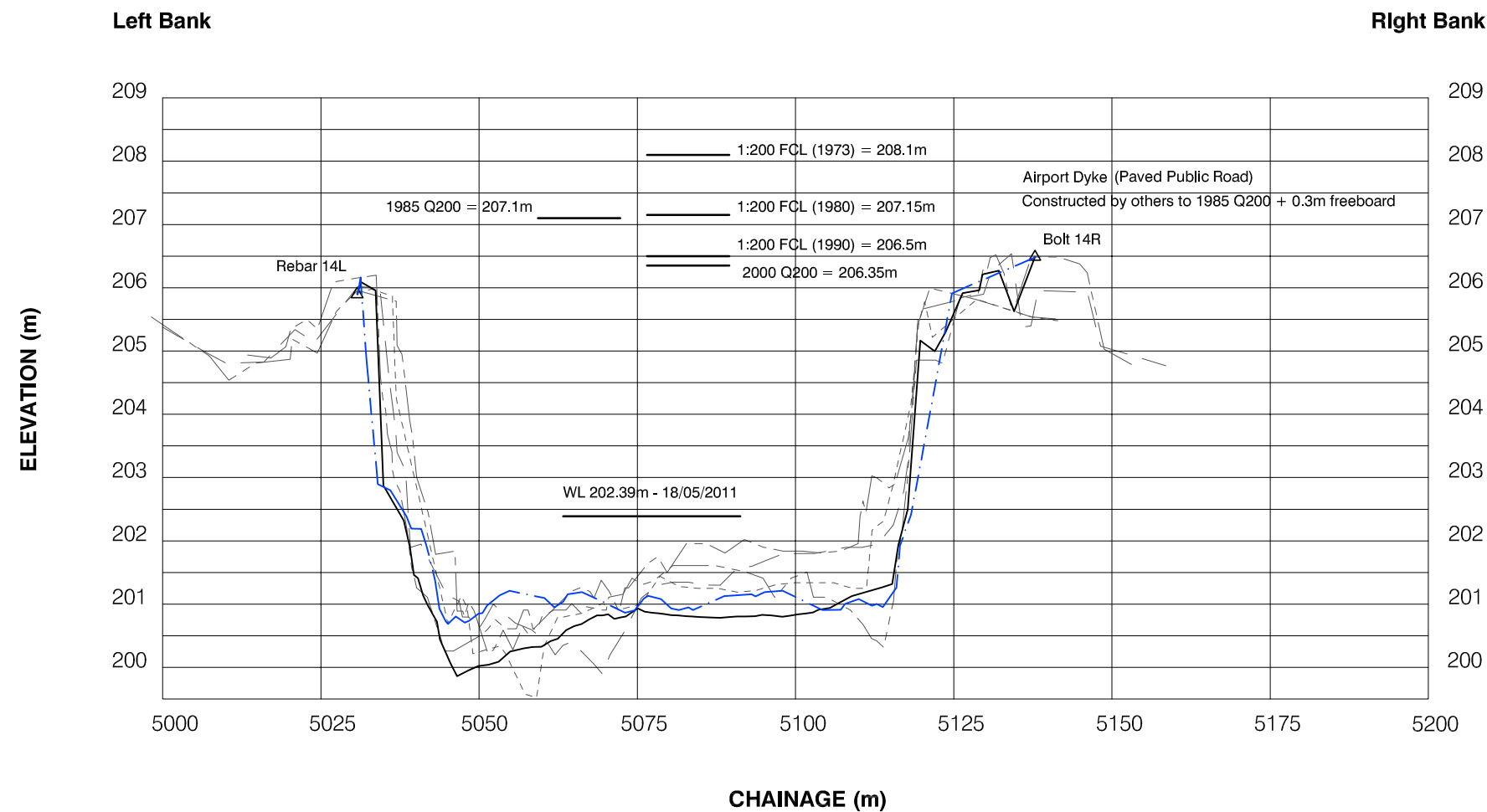
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

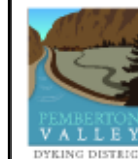
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4



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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 14**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

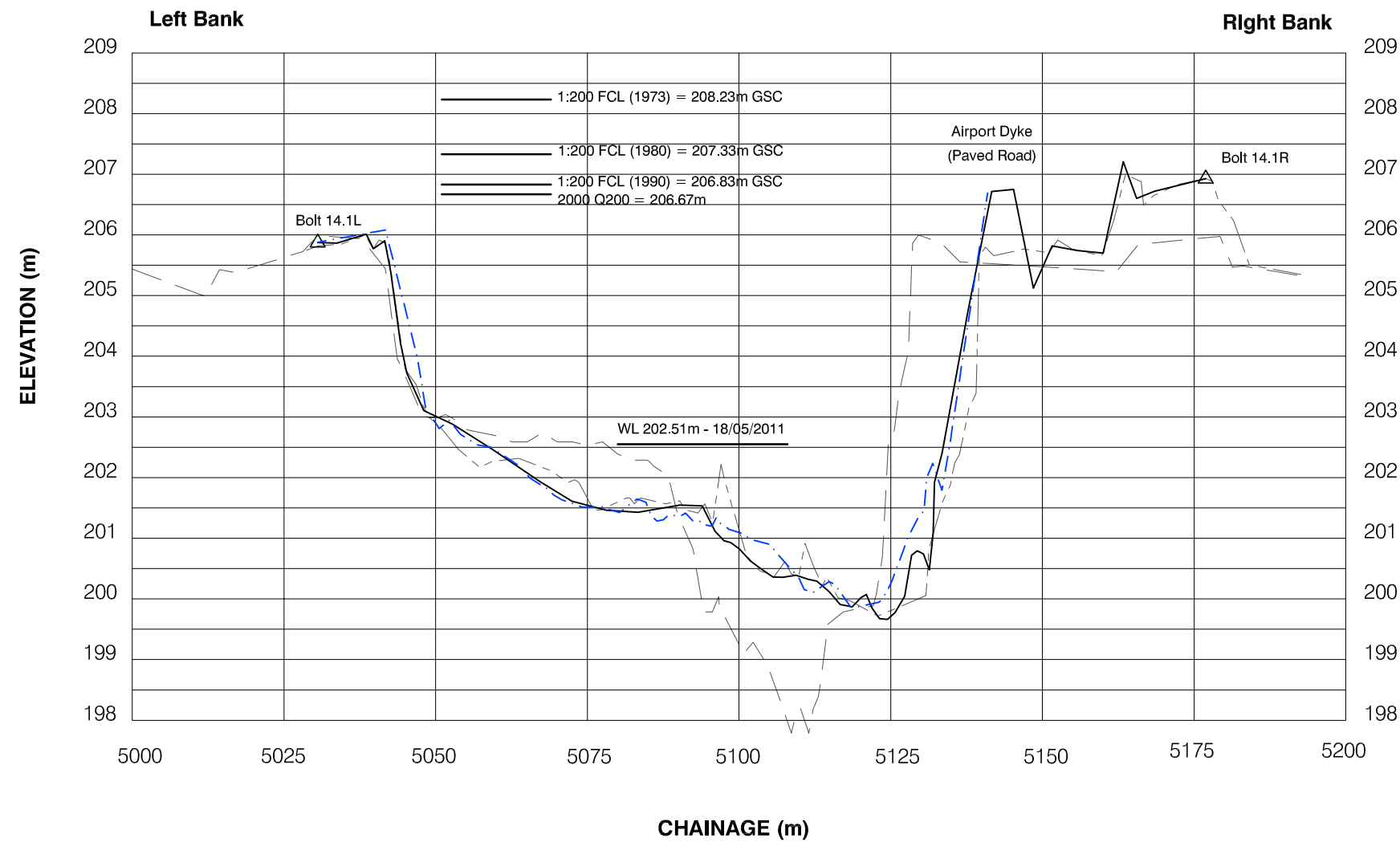
Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

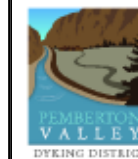
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4



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Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 14.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

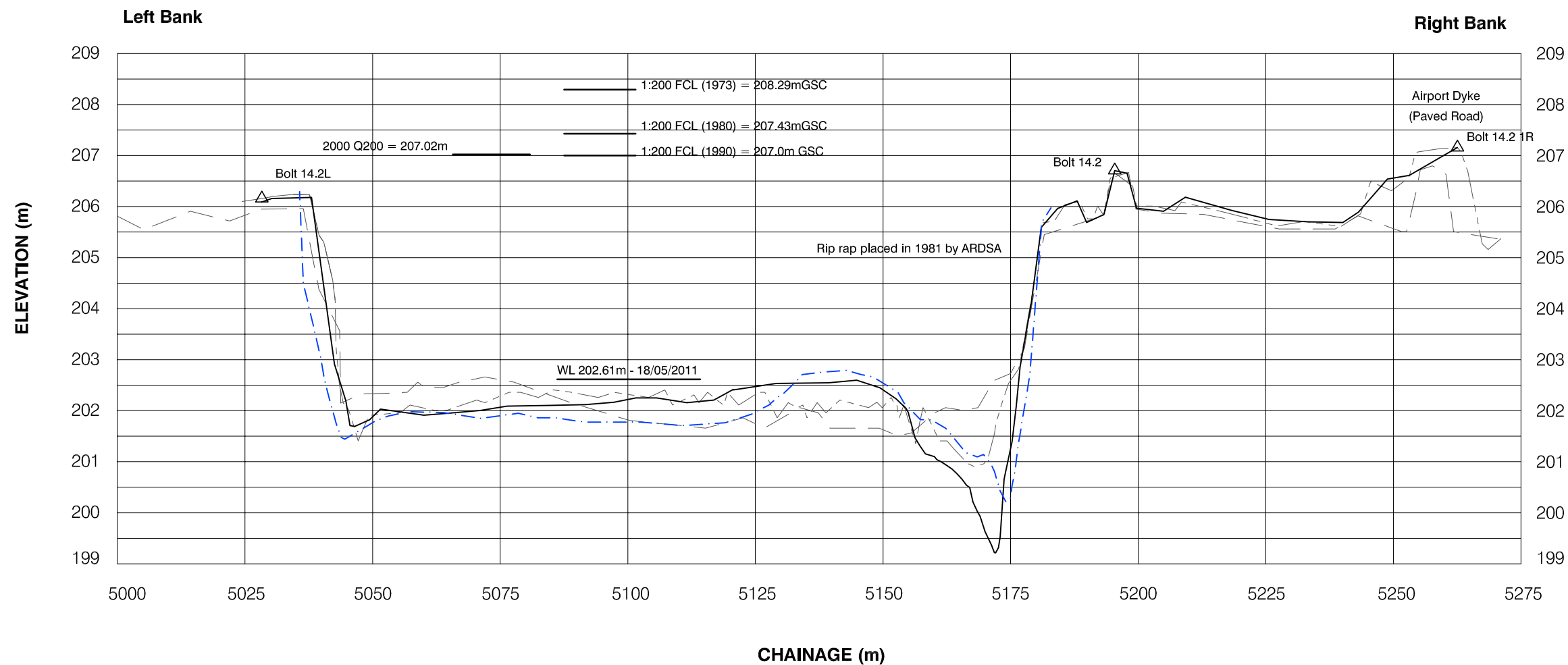
Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

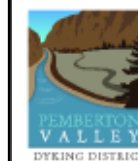
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4



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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 14.2**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

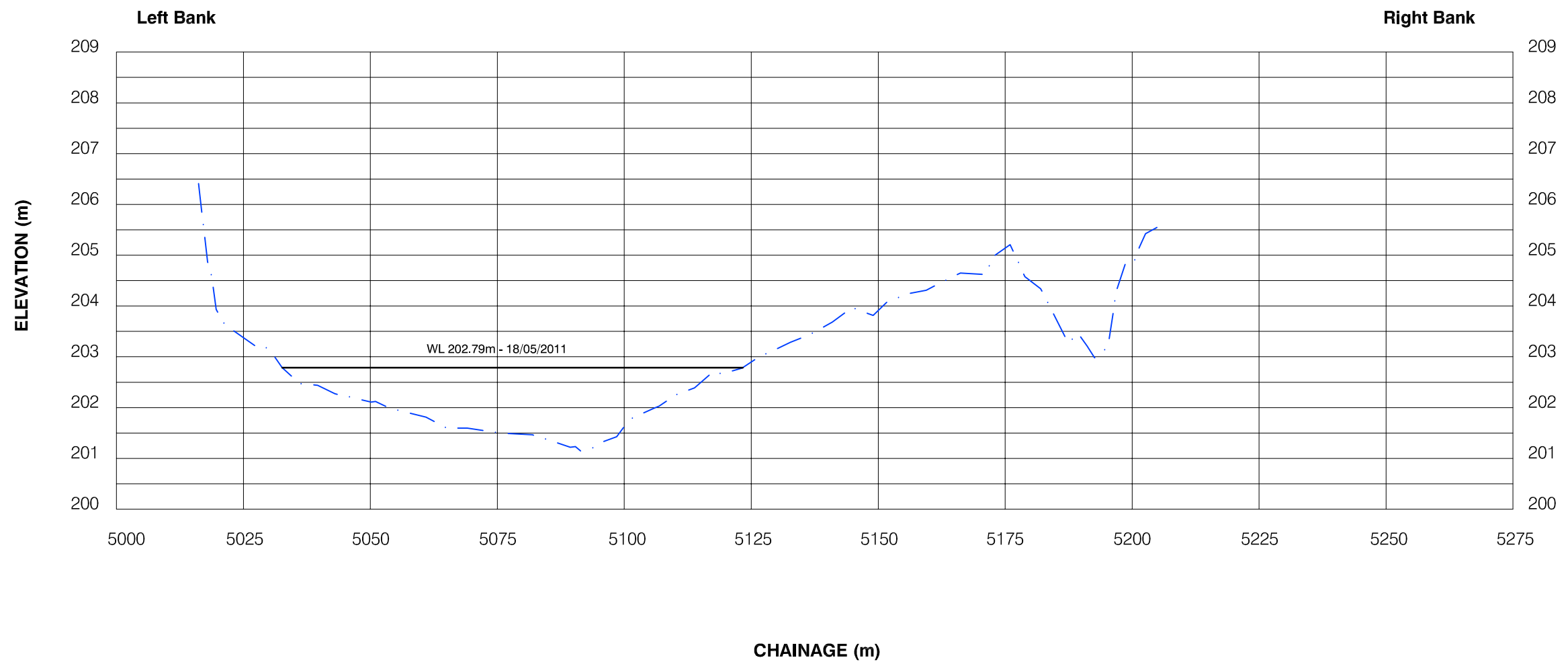
Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 14.3**

Oct.13/11

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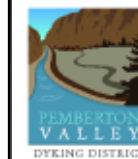
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1993
- - - WMB Victoria 1985
- - - WMB Victoria 1978
- - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



kwl KERR WOOD LEIDAL
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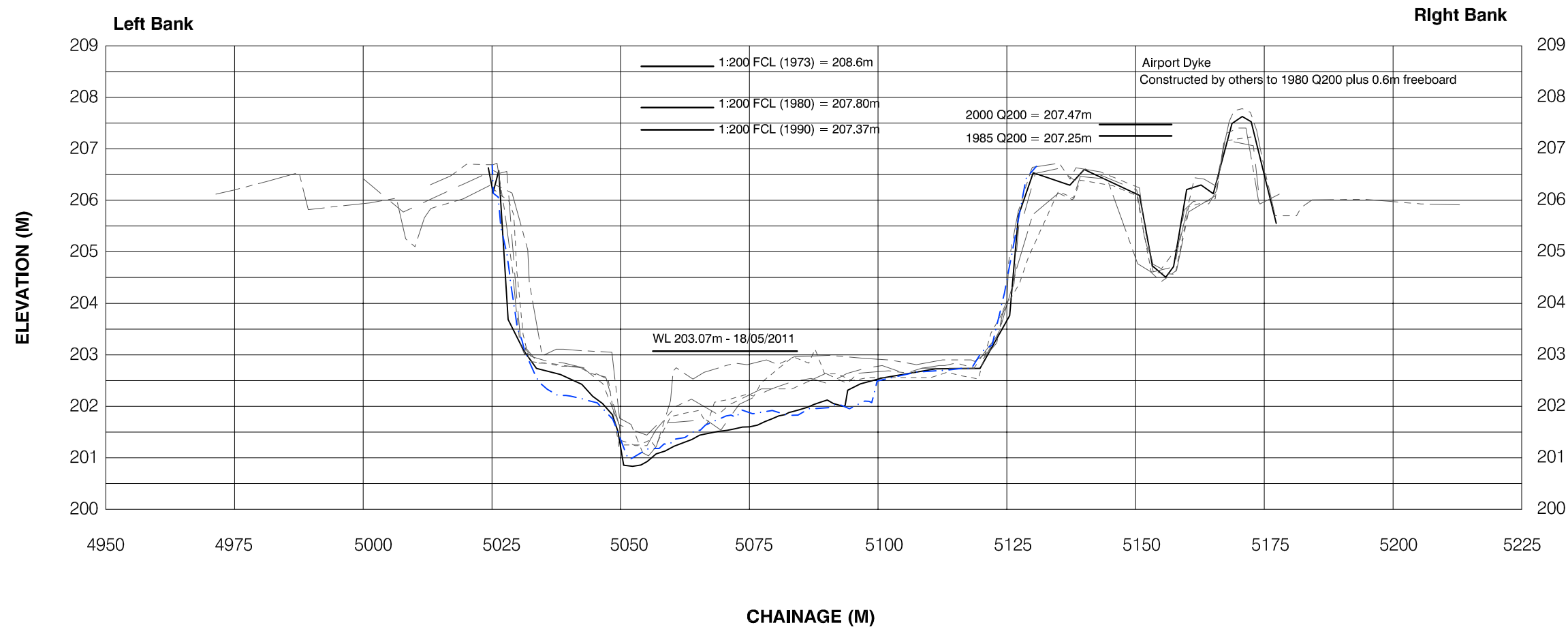
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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 15**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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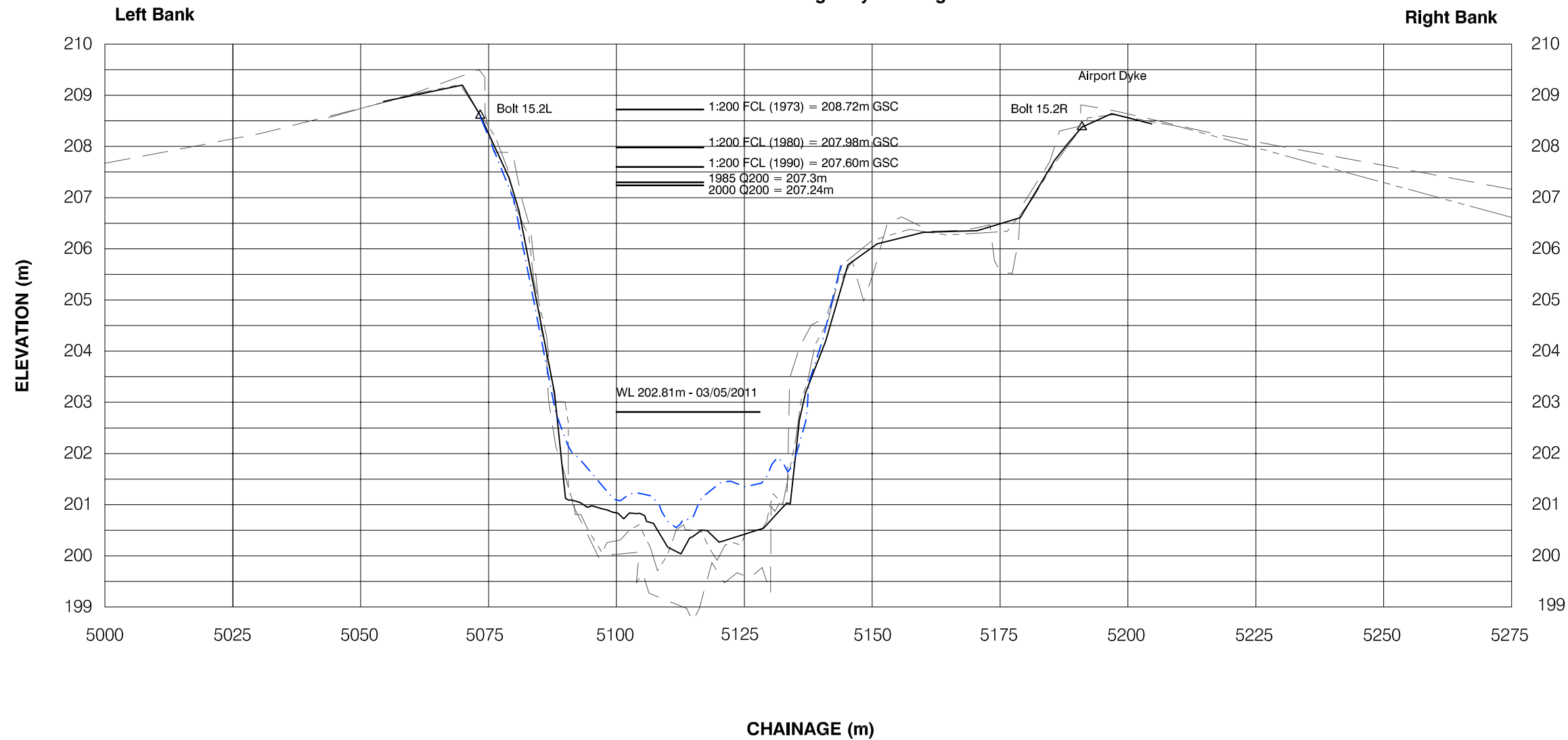
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
Cross-Section
XS 15.2**

LILLOOET RIVER
Downstream of Highway 99 Bridge



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4

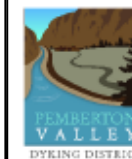
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.



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 CONSULTING ENGINEERS

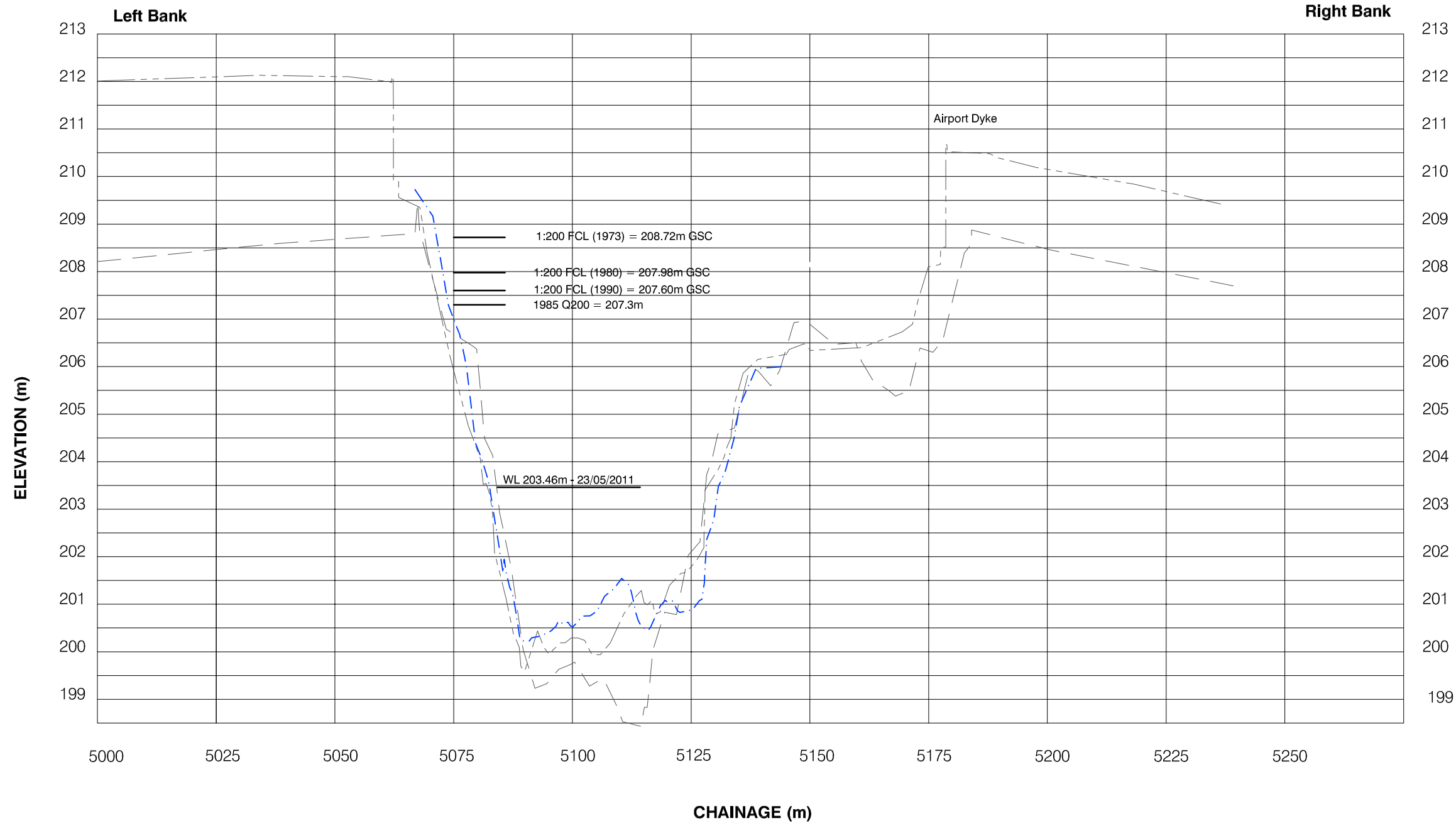
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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 15.3**

LILLOOET RIVER
 Upstream of Highway 99 Bridge



Flood Level Data from Floodplain Maps 5022-4, 4A & 88-44-5

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7:13.057 Drawings\CrossSectionPlots\XS15-3-2011.dwg

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

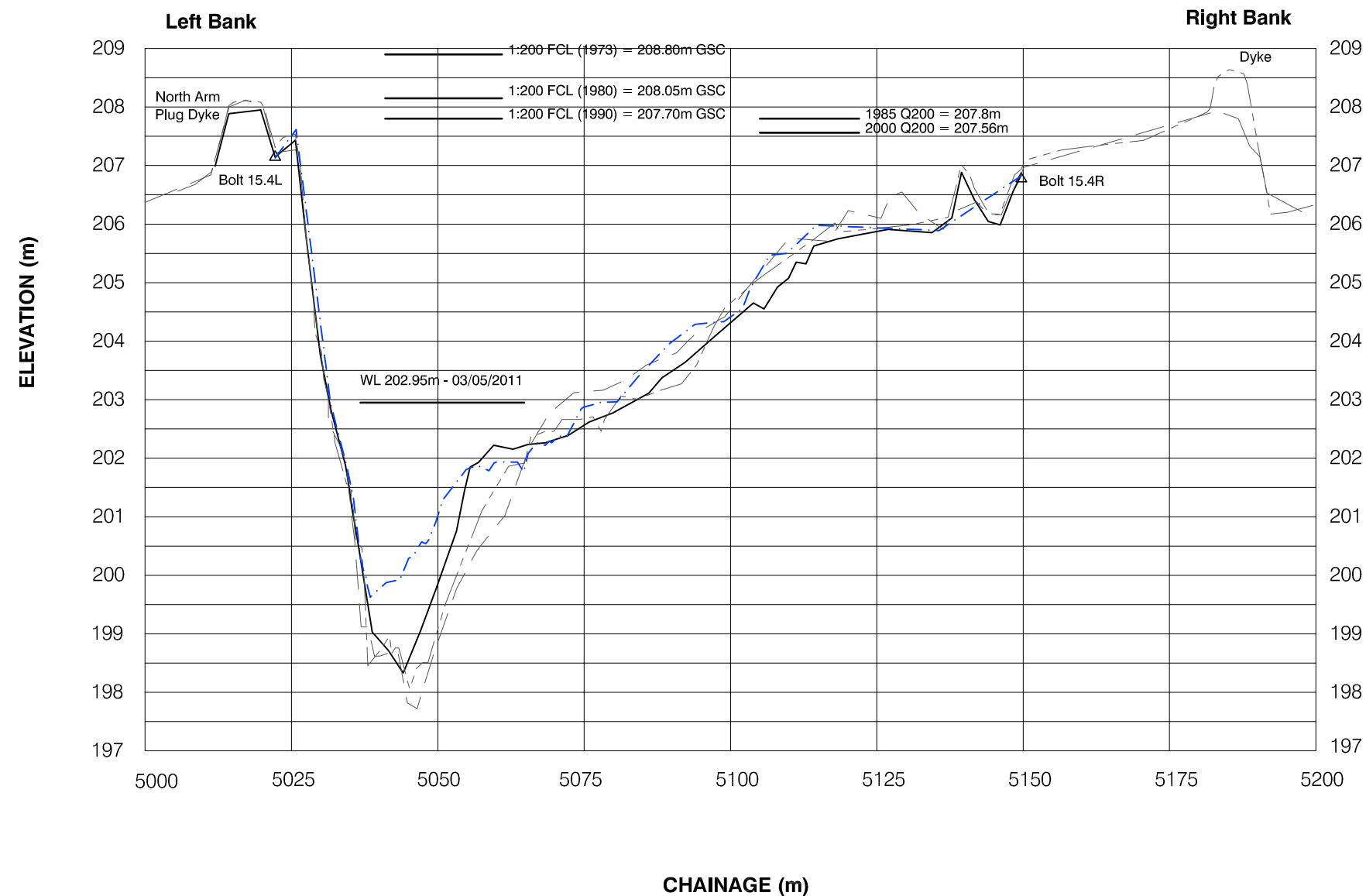
Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1993
- - - - WMB Victoria 1985

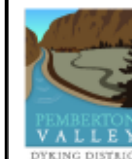
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-4



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713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 15.4**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1993
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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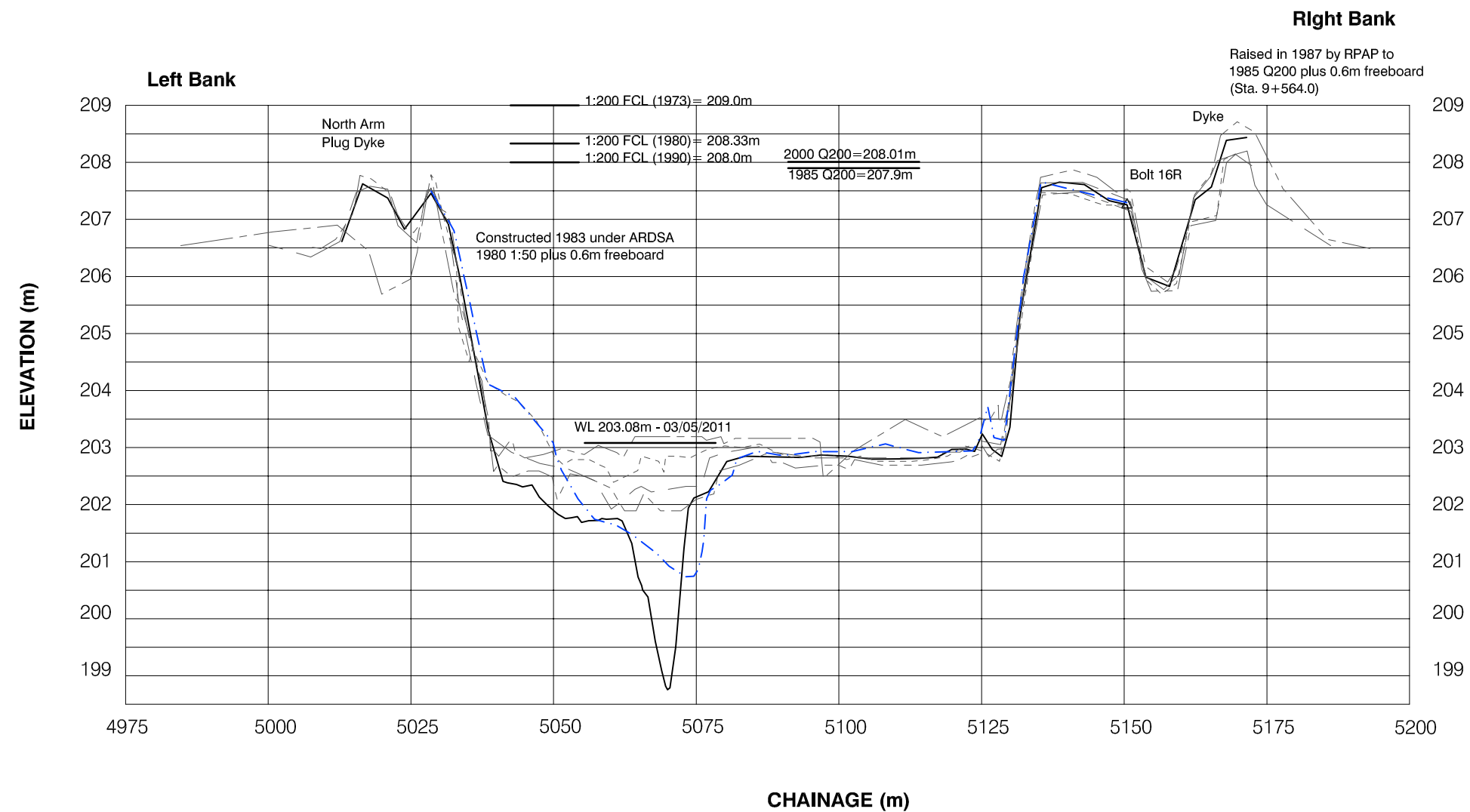
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Project No.
713.057

Date
September 2011

**Lillooet River
Cross-Section
XS 16**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-5

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

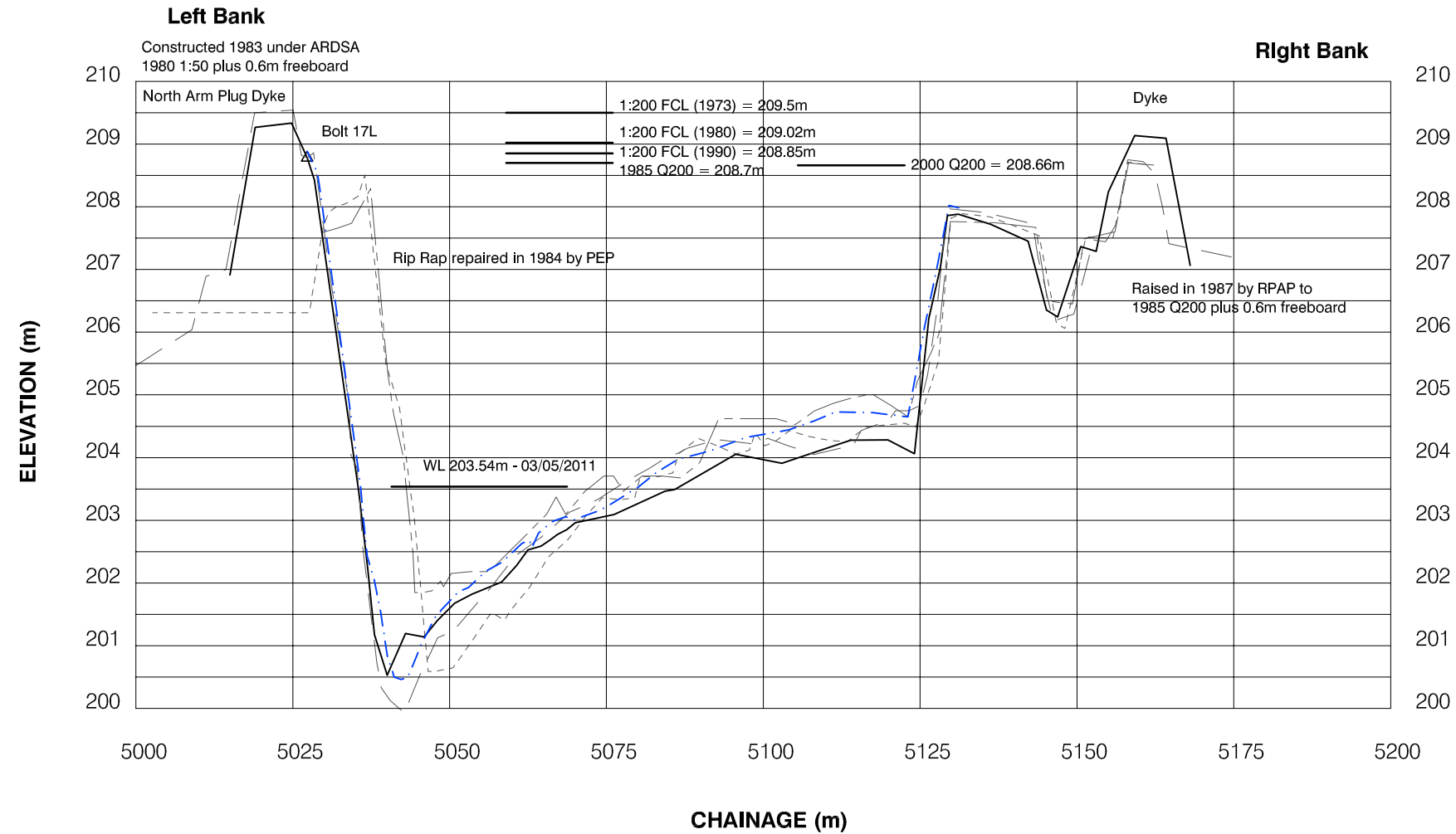
Legend

- - - - - KWL 2011
- _____ KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-5



kwl KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 17**

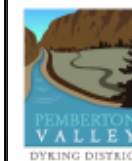
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



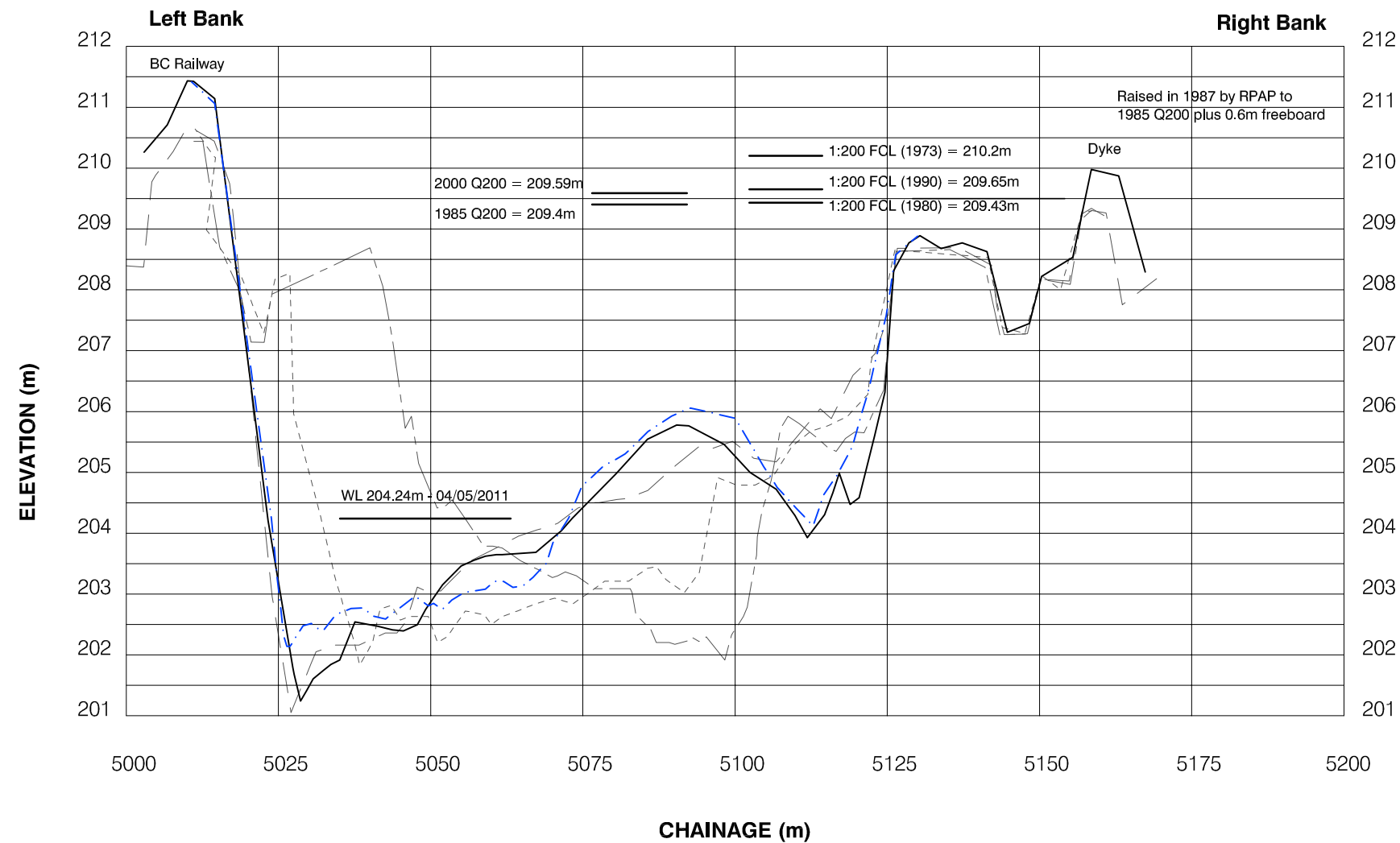
kwj KERR WOOD LEIDAL
associates limited
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 18**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 88-44-5

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

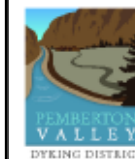
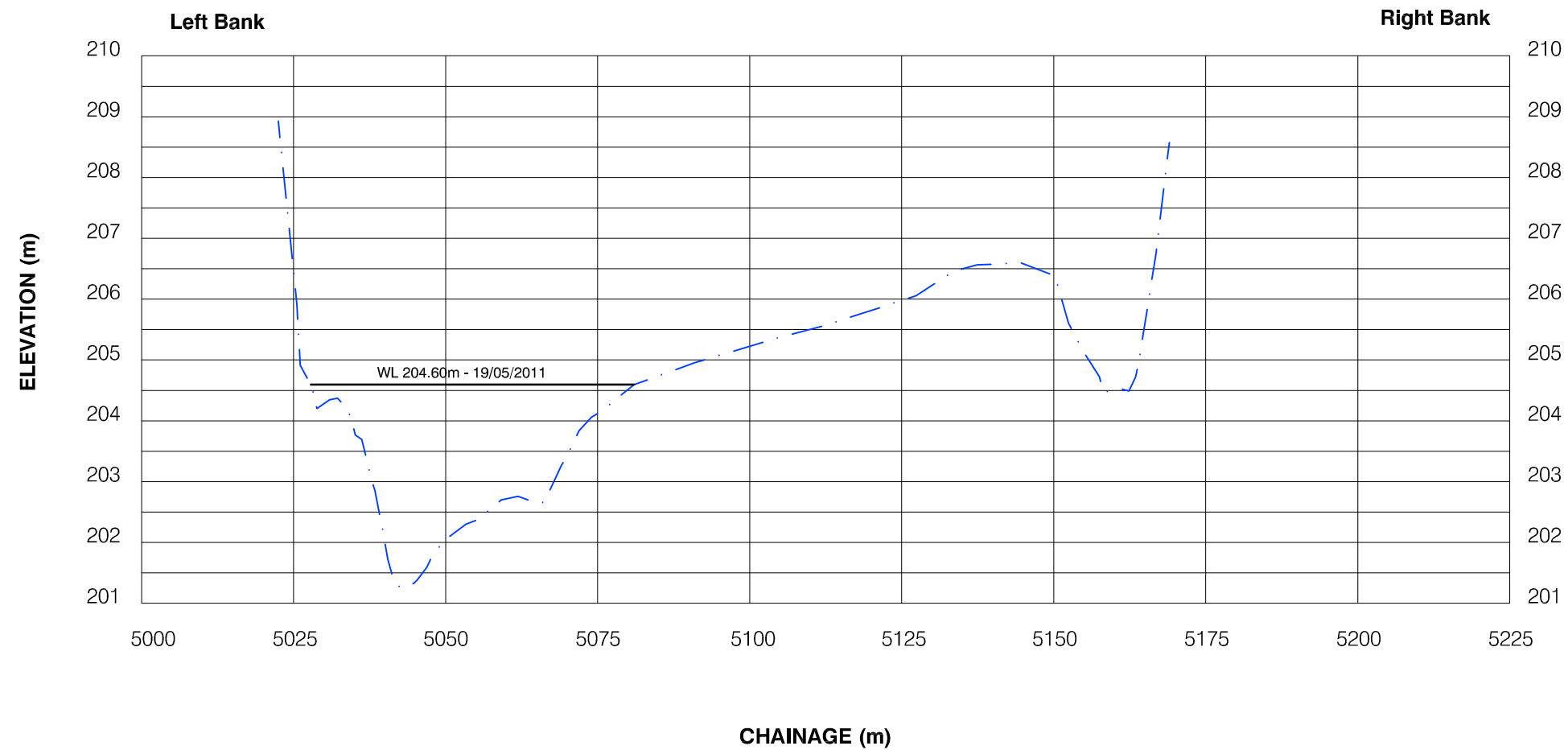
Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



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713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 18.1**

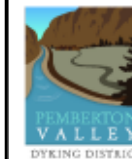
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



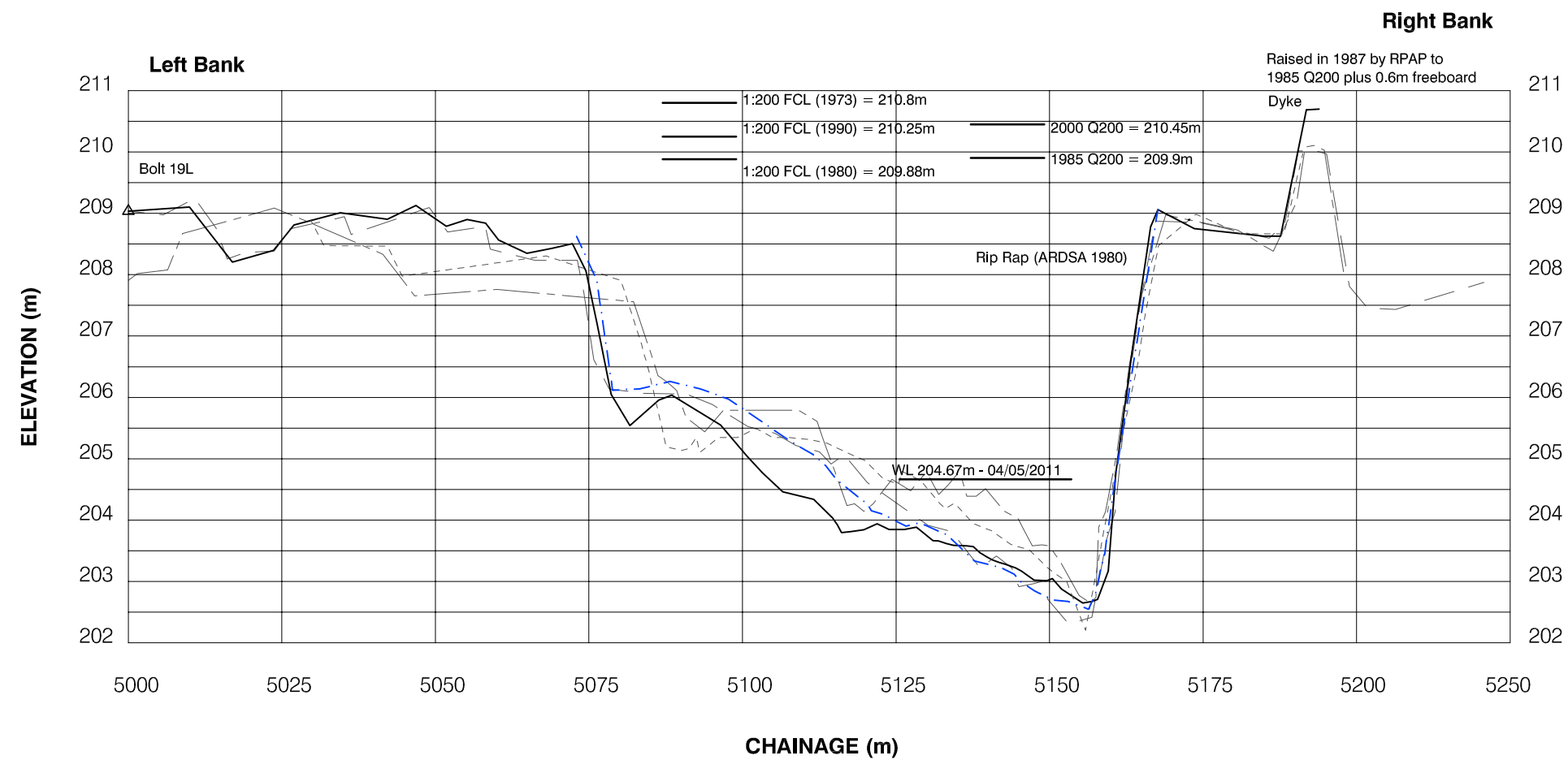
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 19**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-5

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

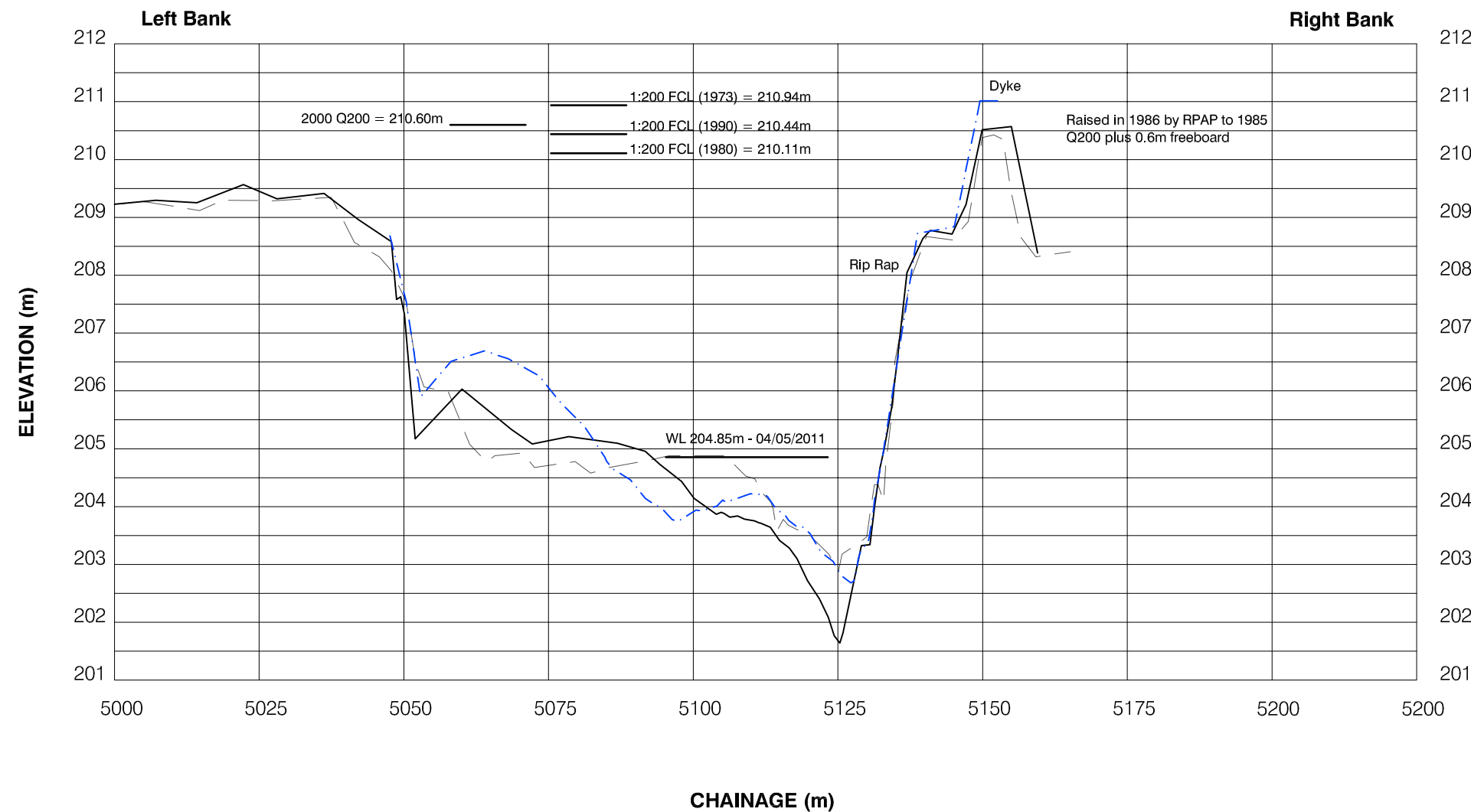
Legend

- - - - - KWL 2011
- _____ KWL 2000
- - - - - WMB Victoria 1985

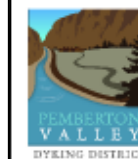
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-5



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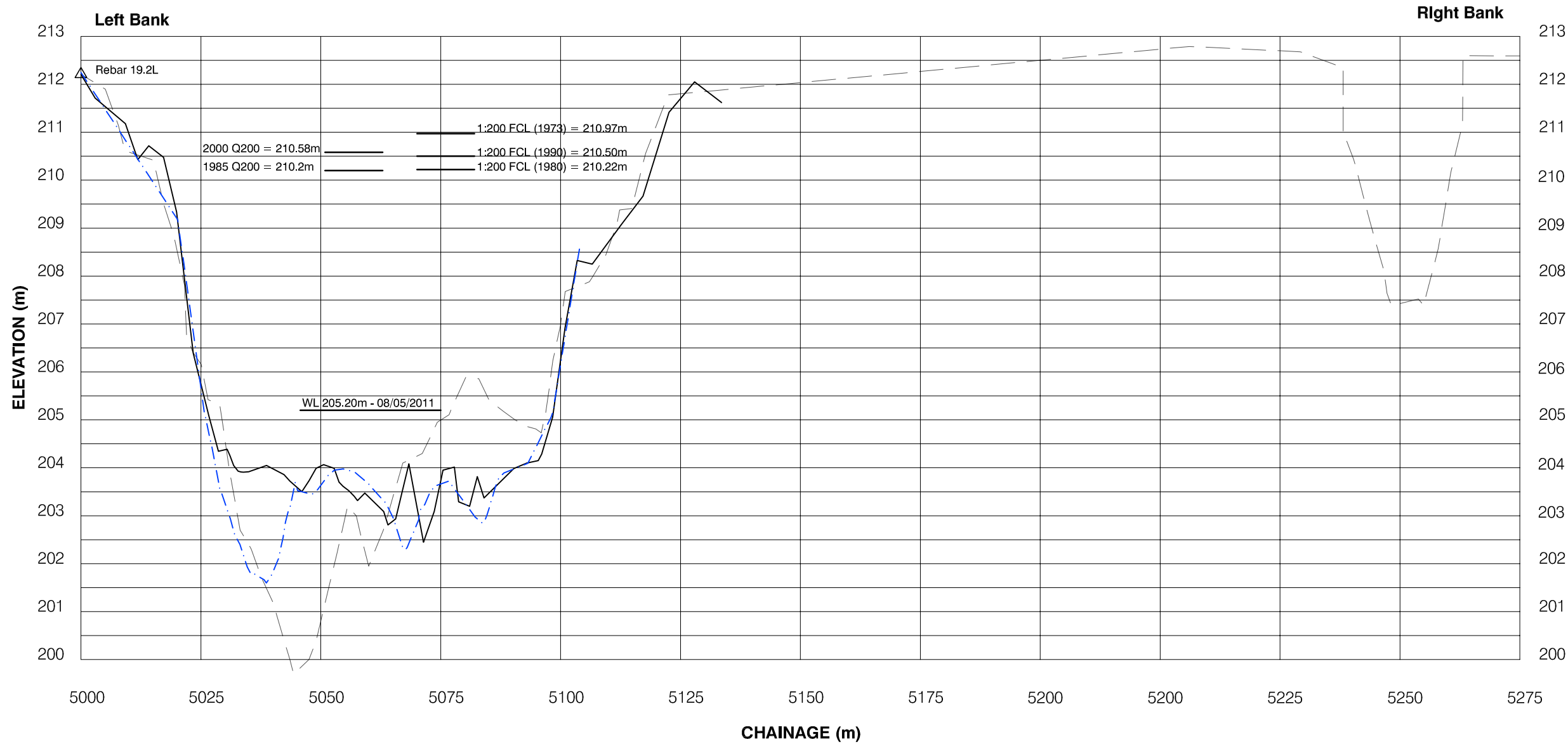
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 19.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

LILLOOET RIVER
 Downstream Side of B.C. Rail Bridge



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Project No. 713.057	Date September 2011
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Lillooet River
Cross-Section
XS 19.2

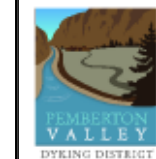
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



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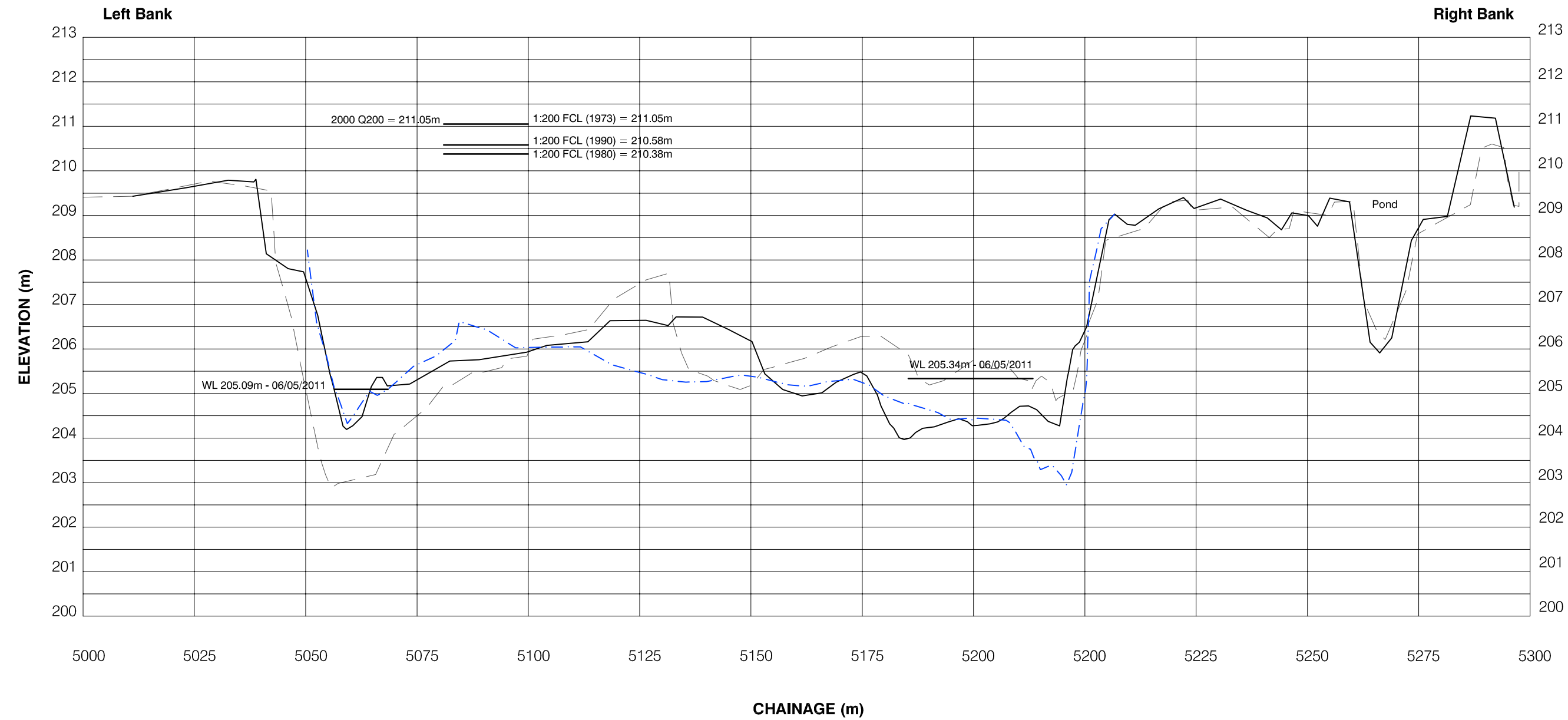
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Project No.
713.057

Date
September 2011

**Lillooet River
Cross-Section
XS 19.4**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-4, 5022-4A, 88-44-5

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

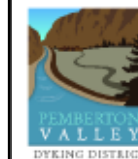
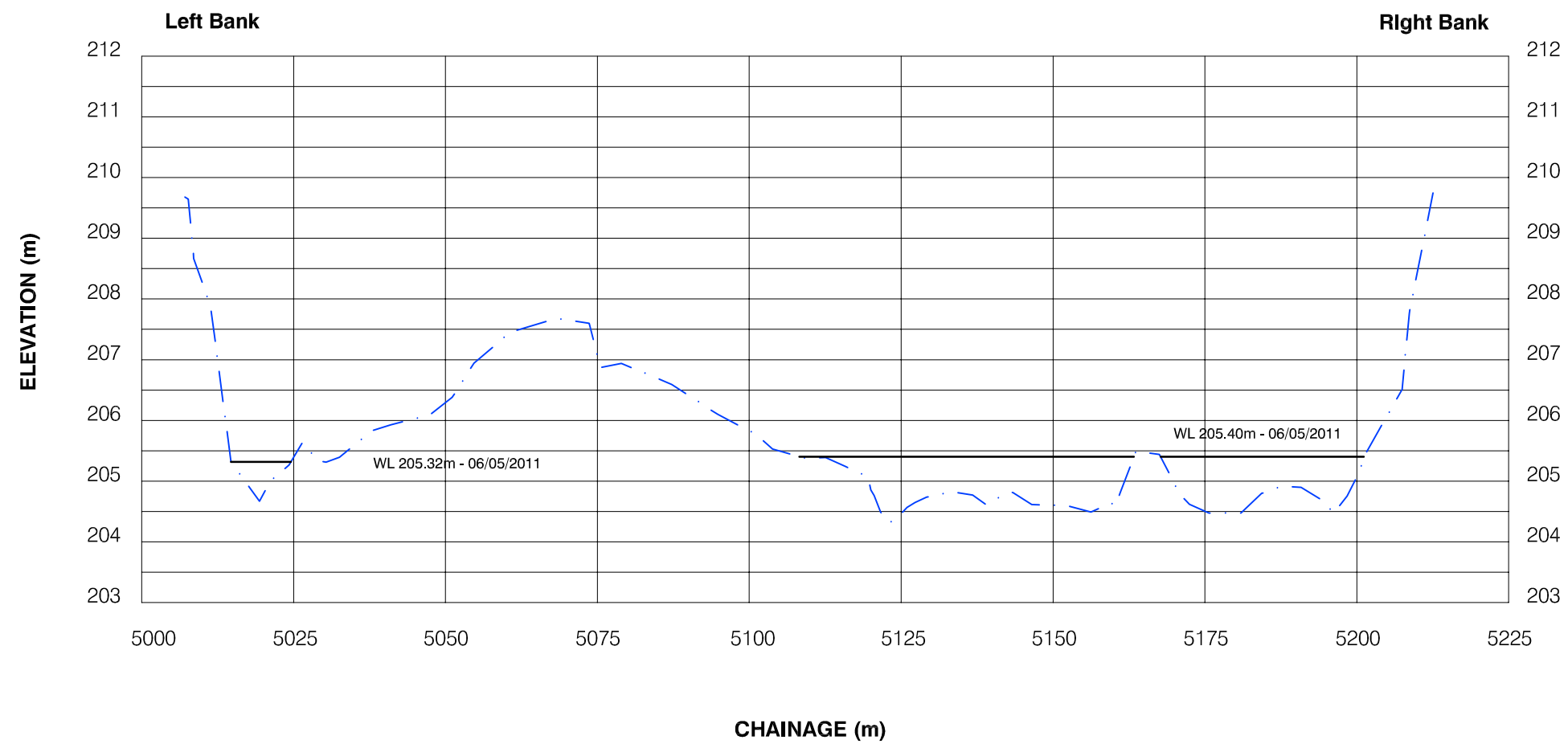
Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 19.45**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



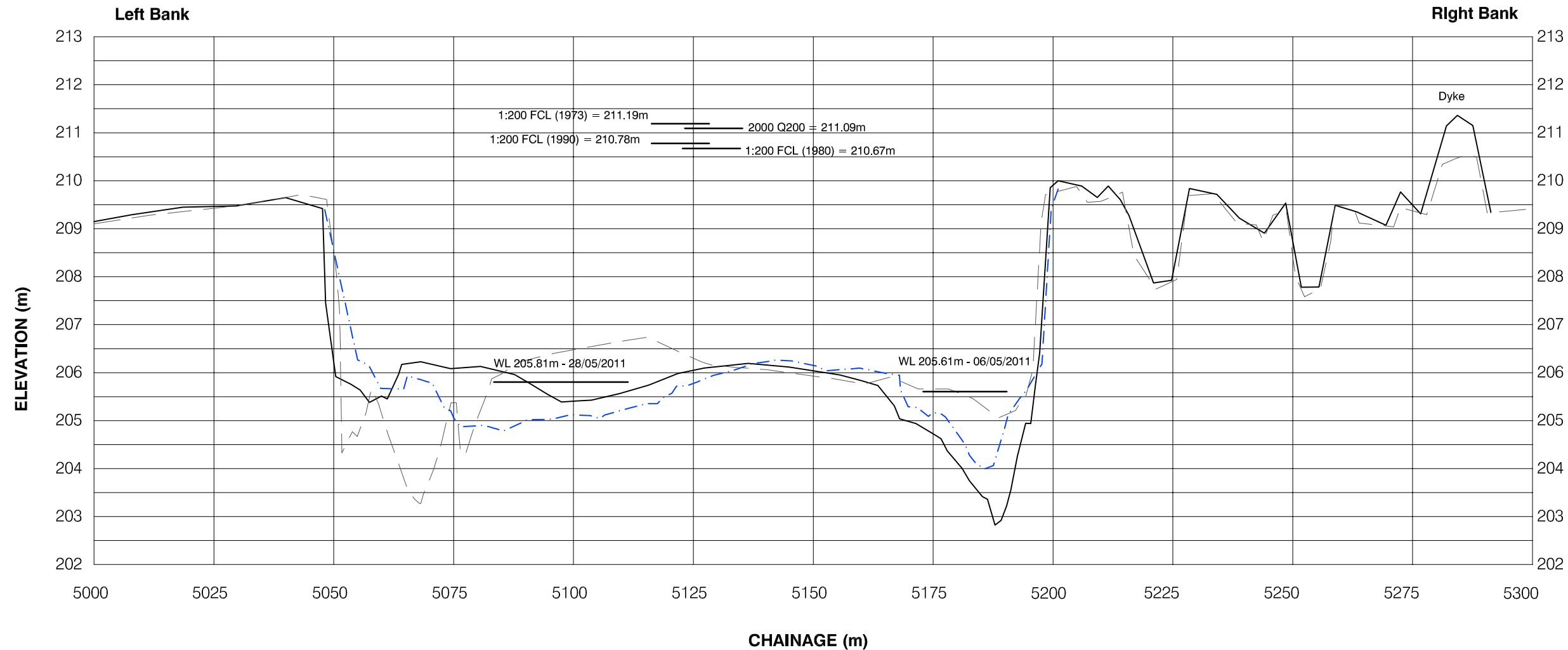
kwl KERR WOOD LEIDAL
associates limited
 CONSULTING ENGINEERS

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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 19.5**

LILLOOET RIVER



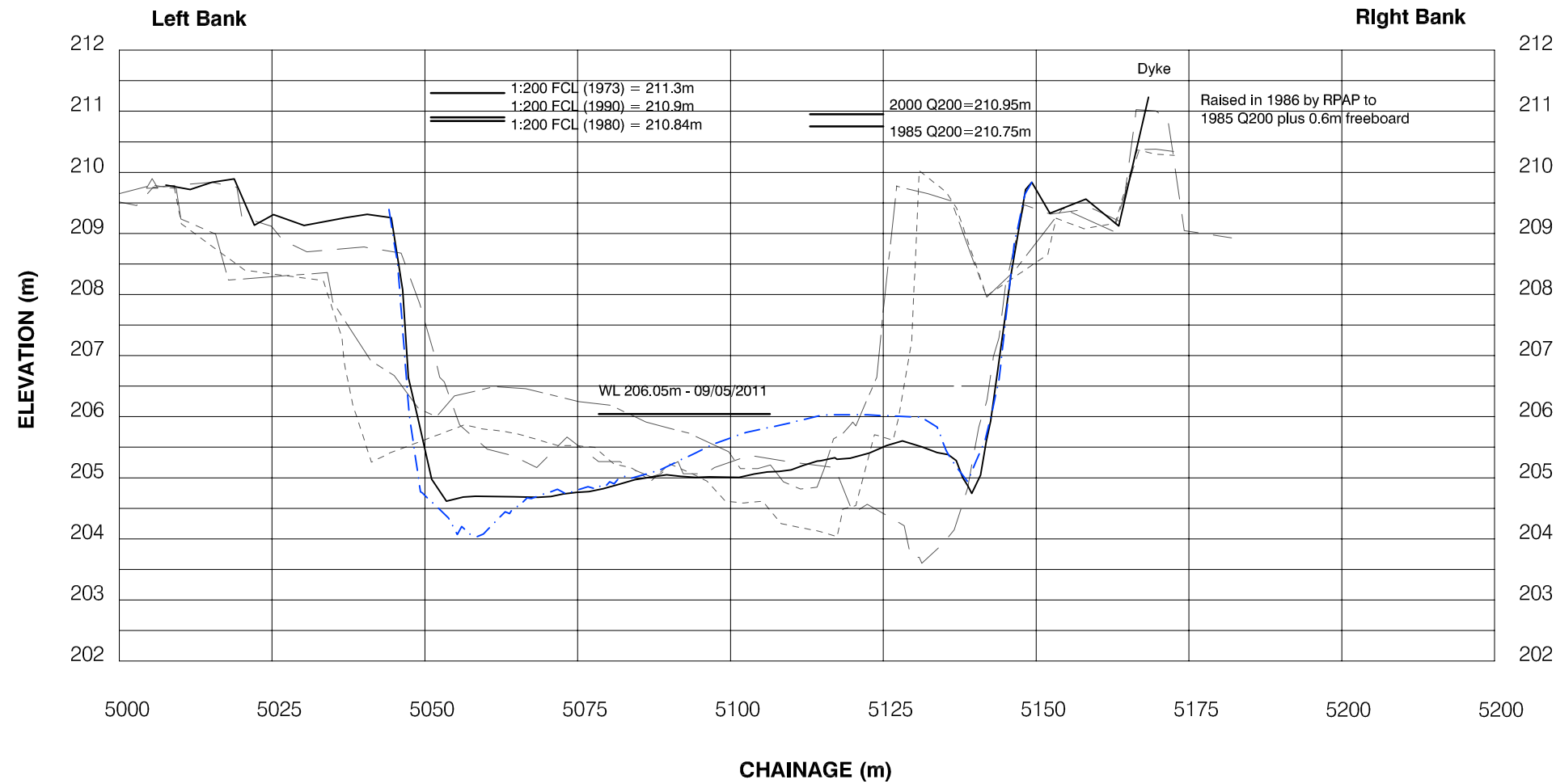
Flood Level Data from Floodplain Maps 5022-5, 5022-5A & 88-44-5

Oct.13/11

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Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-5, 5022-5A, 88-44-5

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- WMB Victoria 1978
- . - . - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 20**

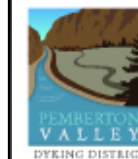
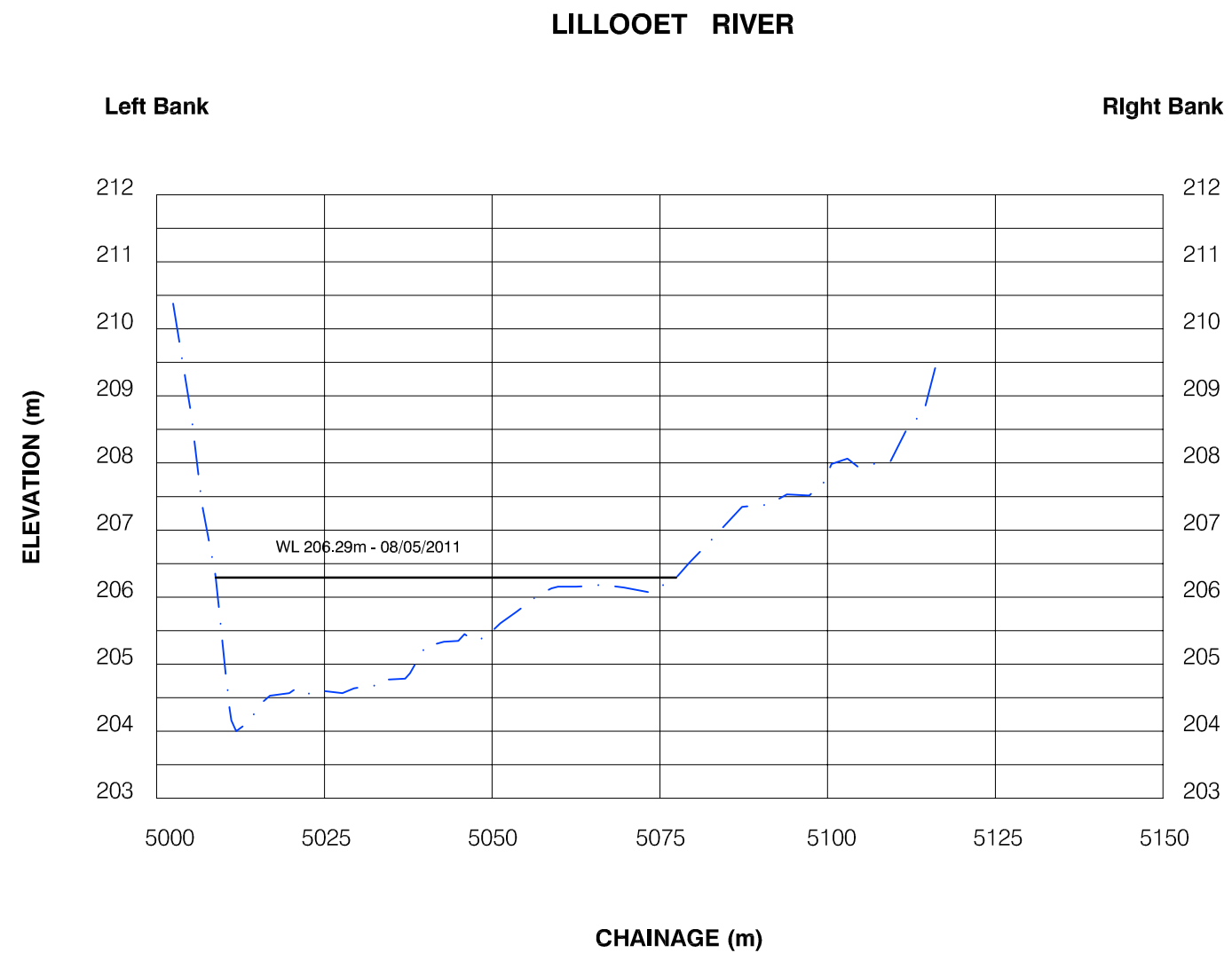
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



kwl KERR WOOD LEIDAL
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 CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 20.5**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

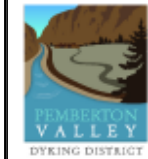
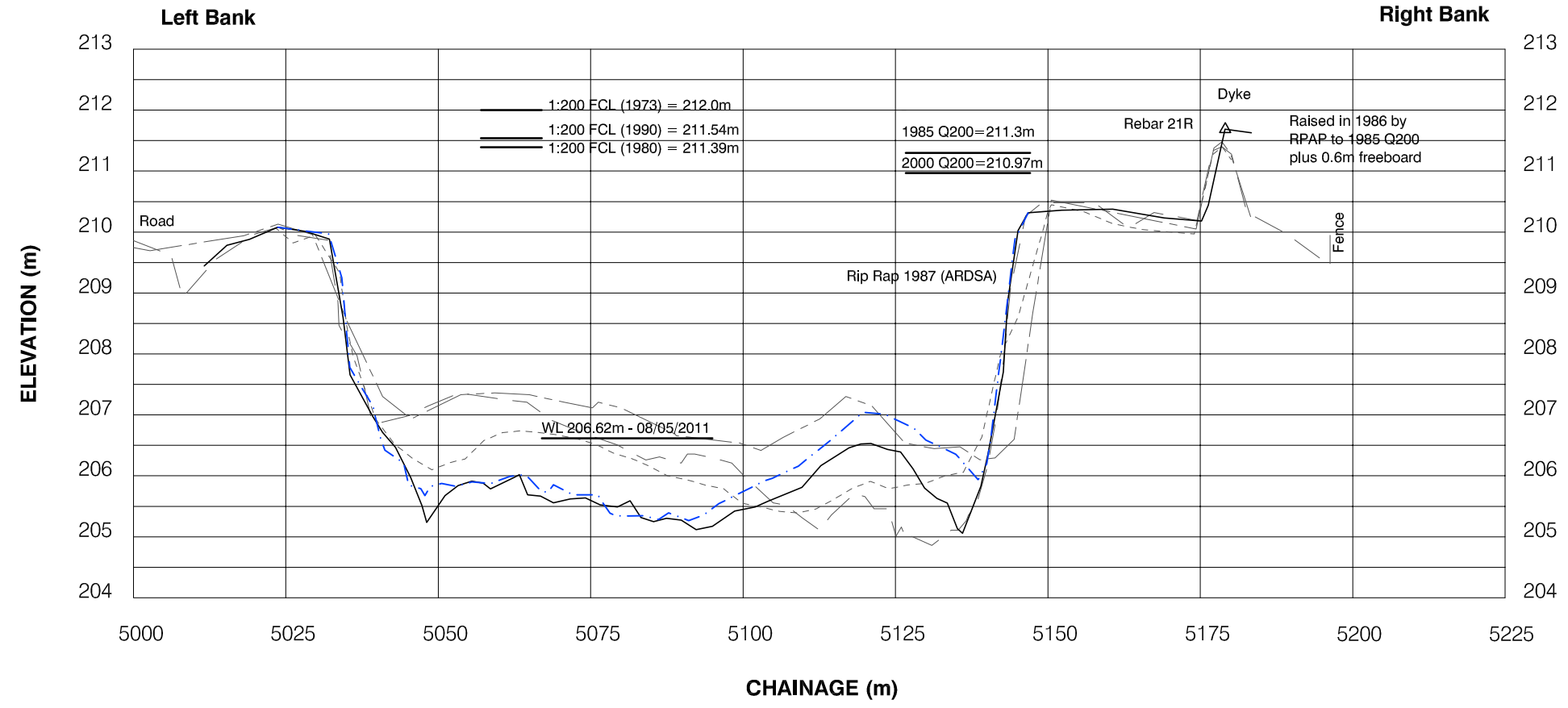
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 21**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric survey

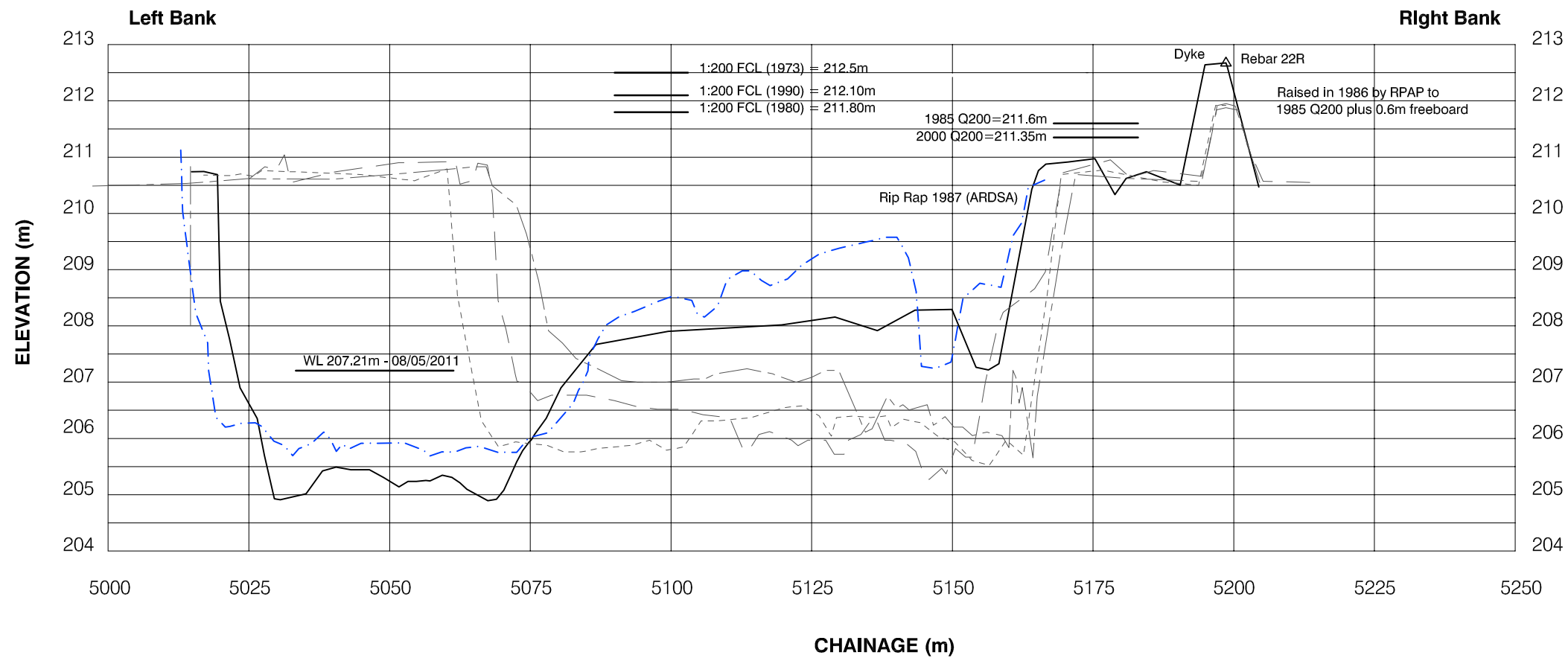
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-5, 5022-5A, 88-44-5



kwl KERR WOOD LEIDAL
associates limited
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 22**

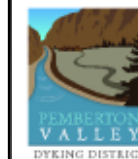
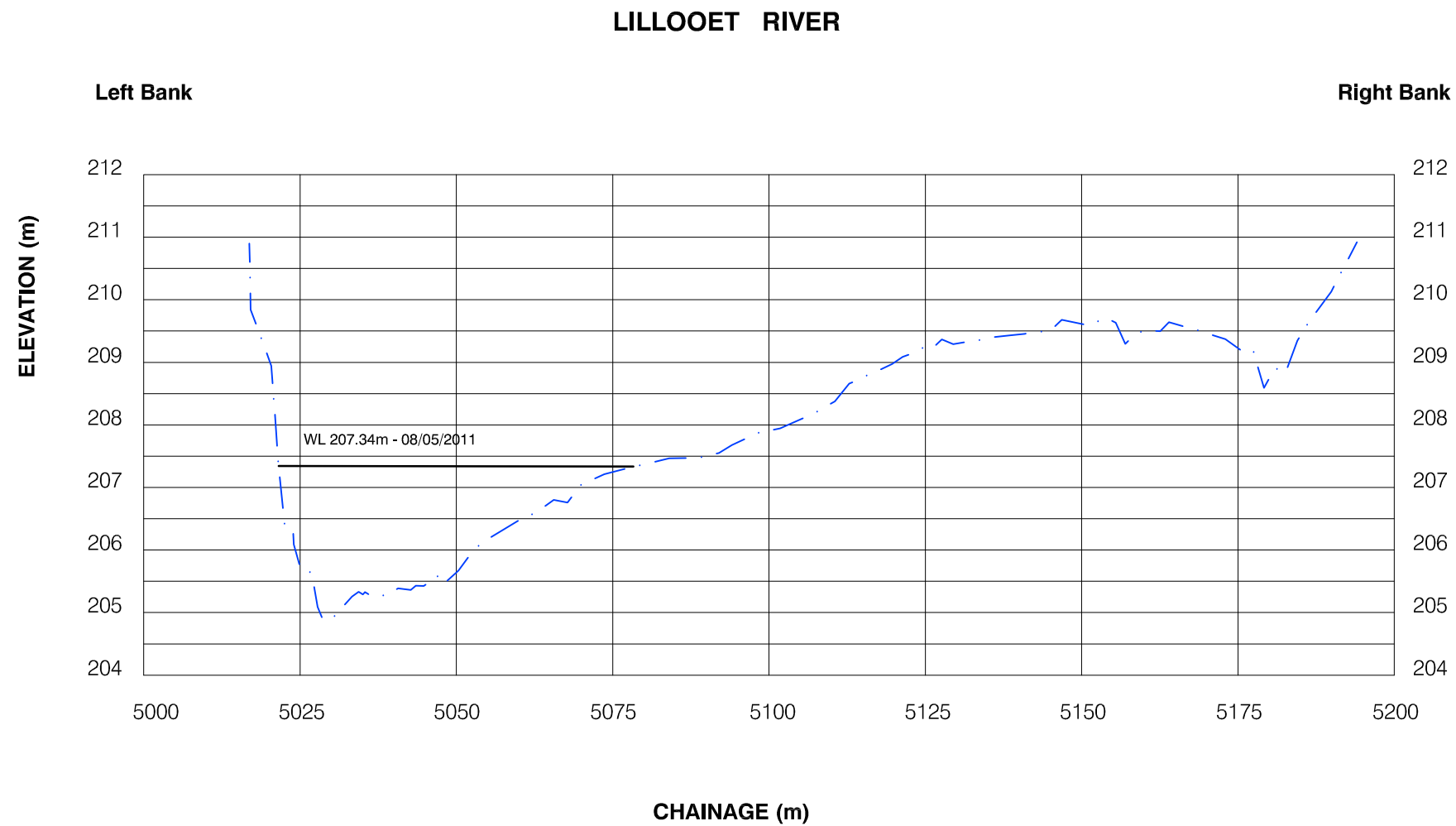
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 22.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

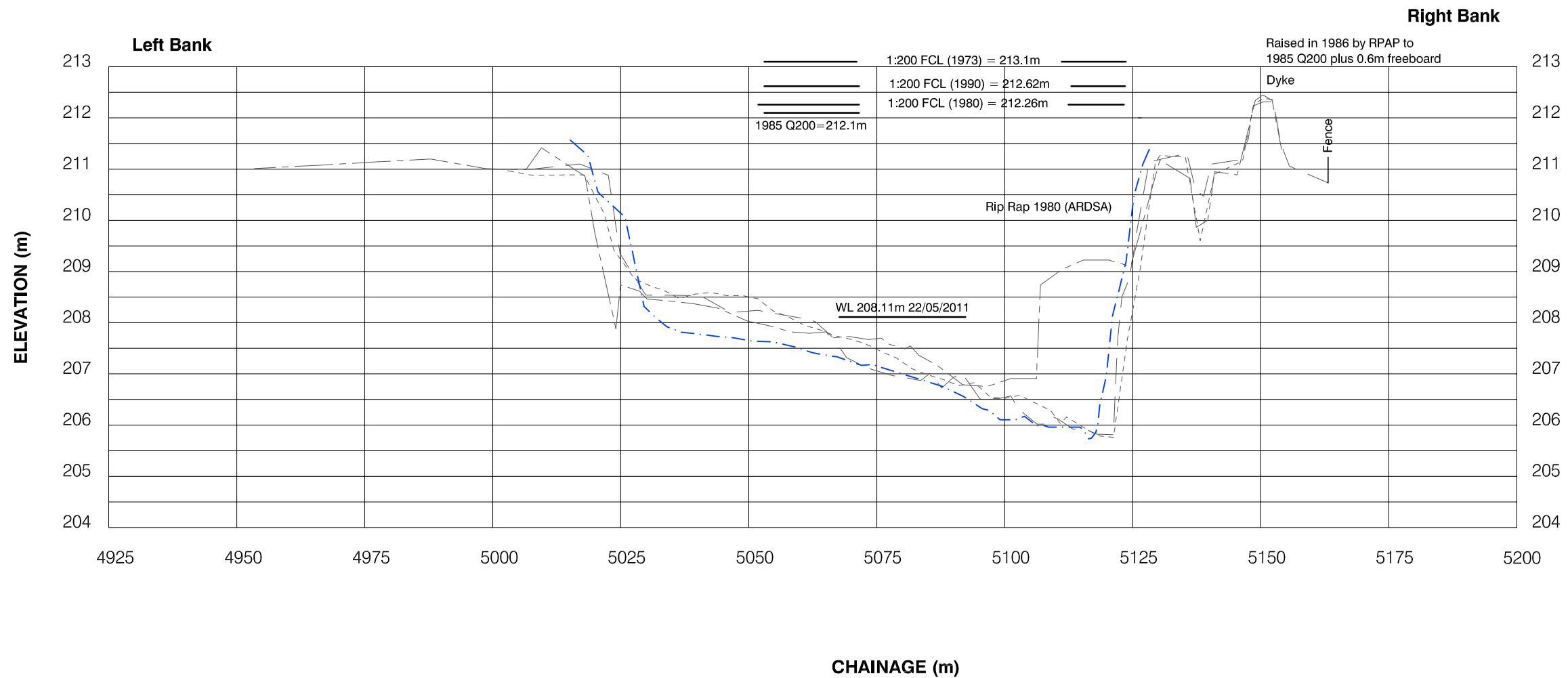
Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

LILLOOET RIVER



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 23**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

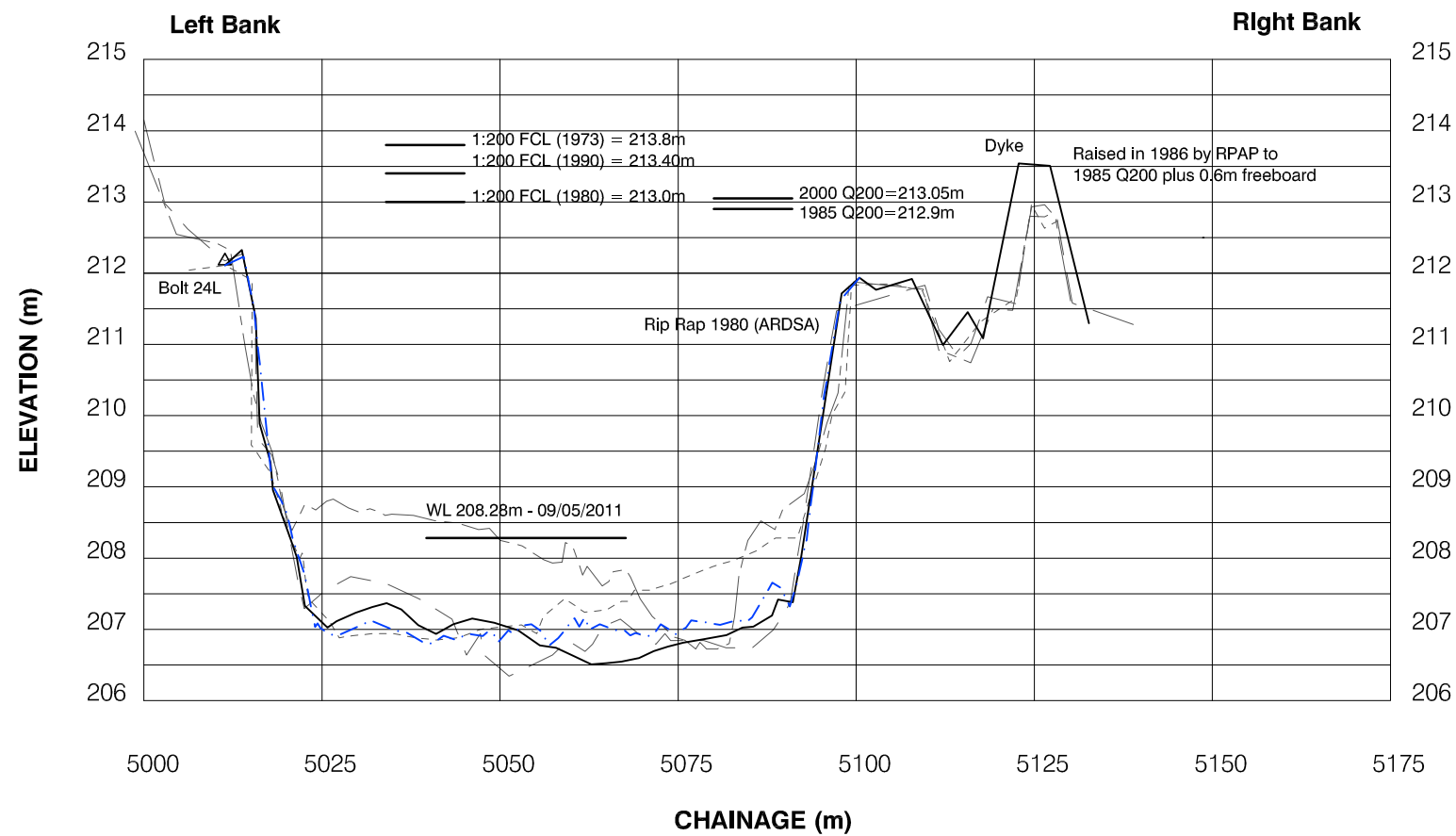
Legend

- - - - - KWL 2011
- _____ KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-5, 5022-5A, 88-44-6



kwj KERR WOOD LEIDAL
associates limited
 CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 24**

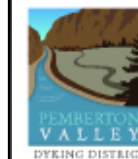
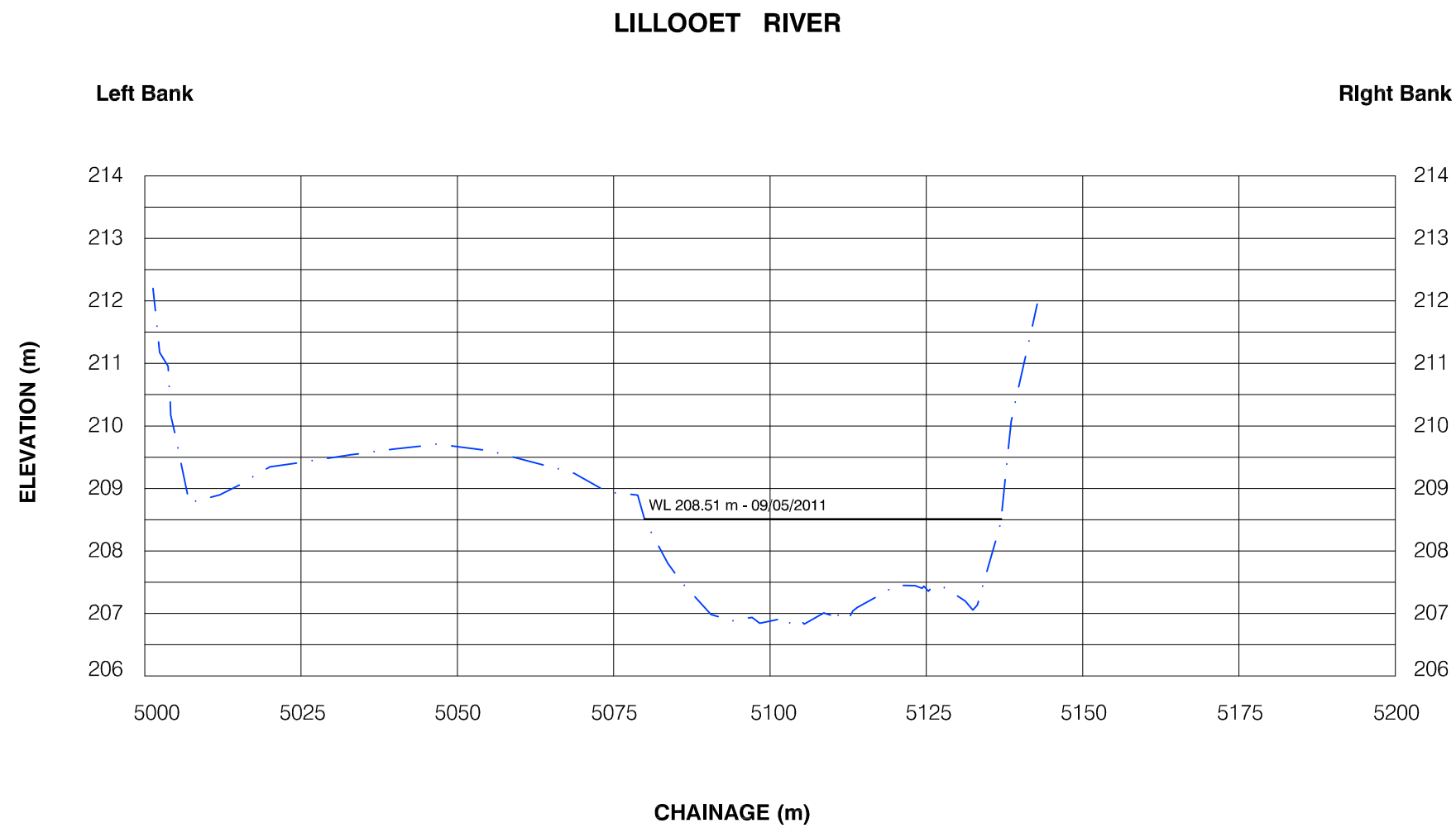
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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associates limited
 CONSULTING ENGINEERS

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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 24.1**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

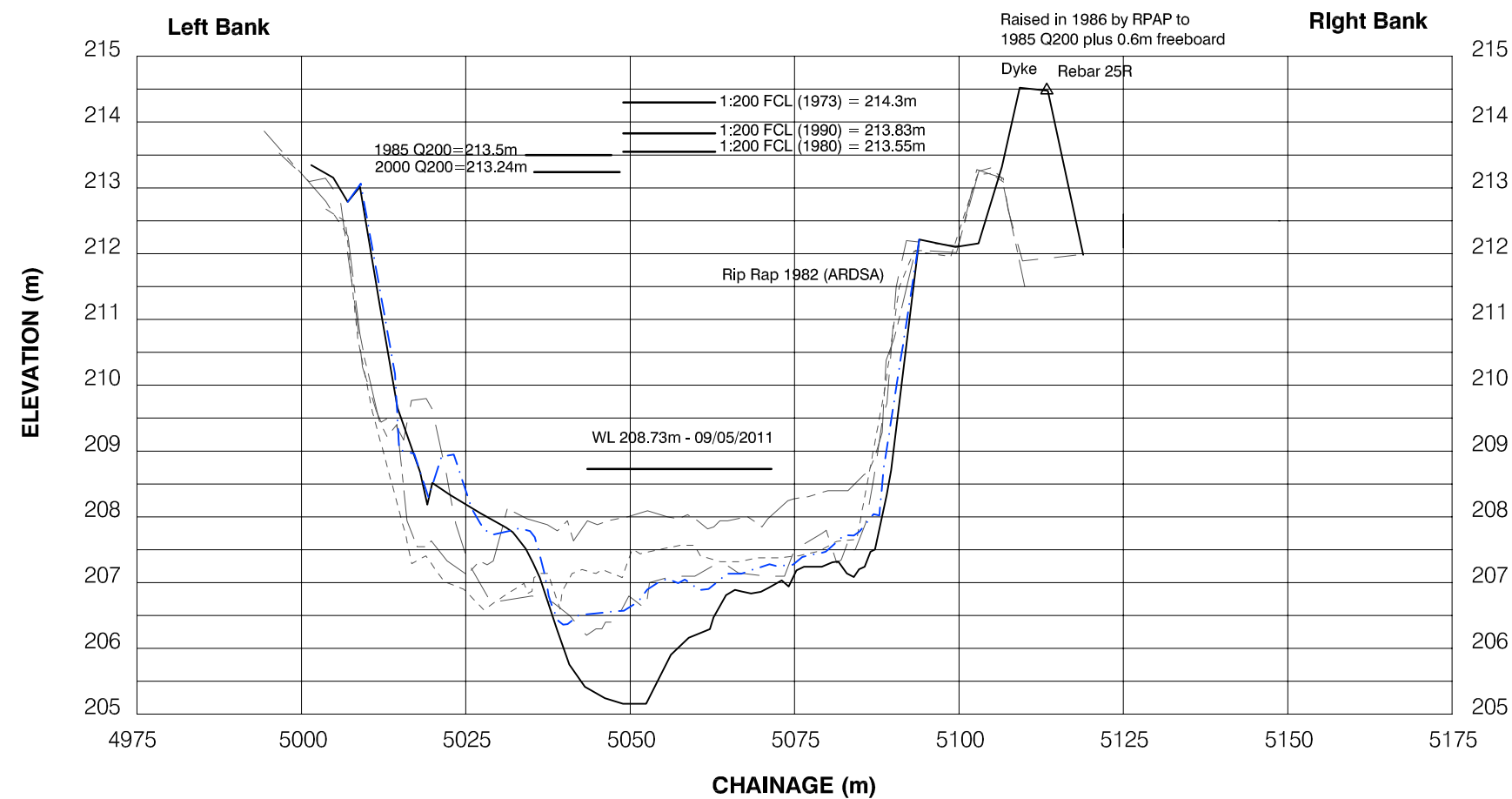
Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1985
- WMB Victoria 1978
- - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-5, 5022-5A, 88-44-6



kwj KERR WOOD LEIDAL
CONSULTING ENGINEERS *associates limited*

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 25**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

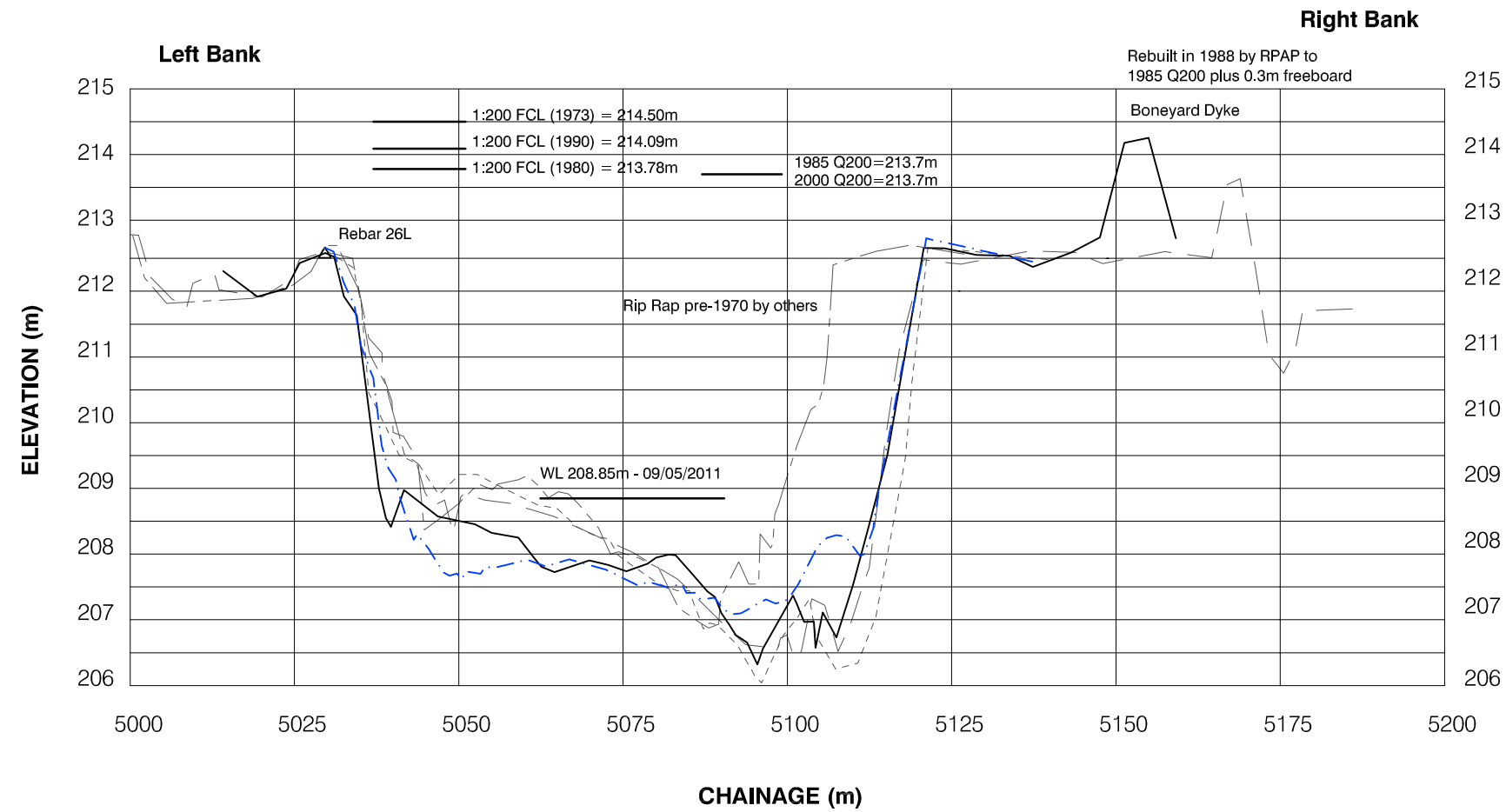
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-6



kwj KERR WOOD LEIDAL
associates limited
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 26**

**Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey**

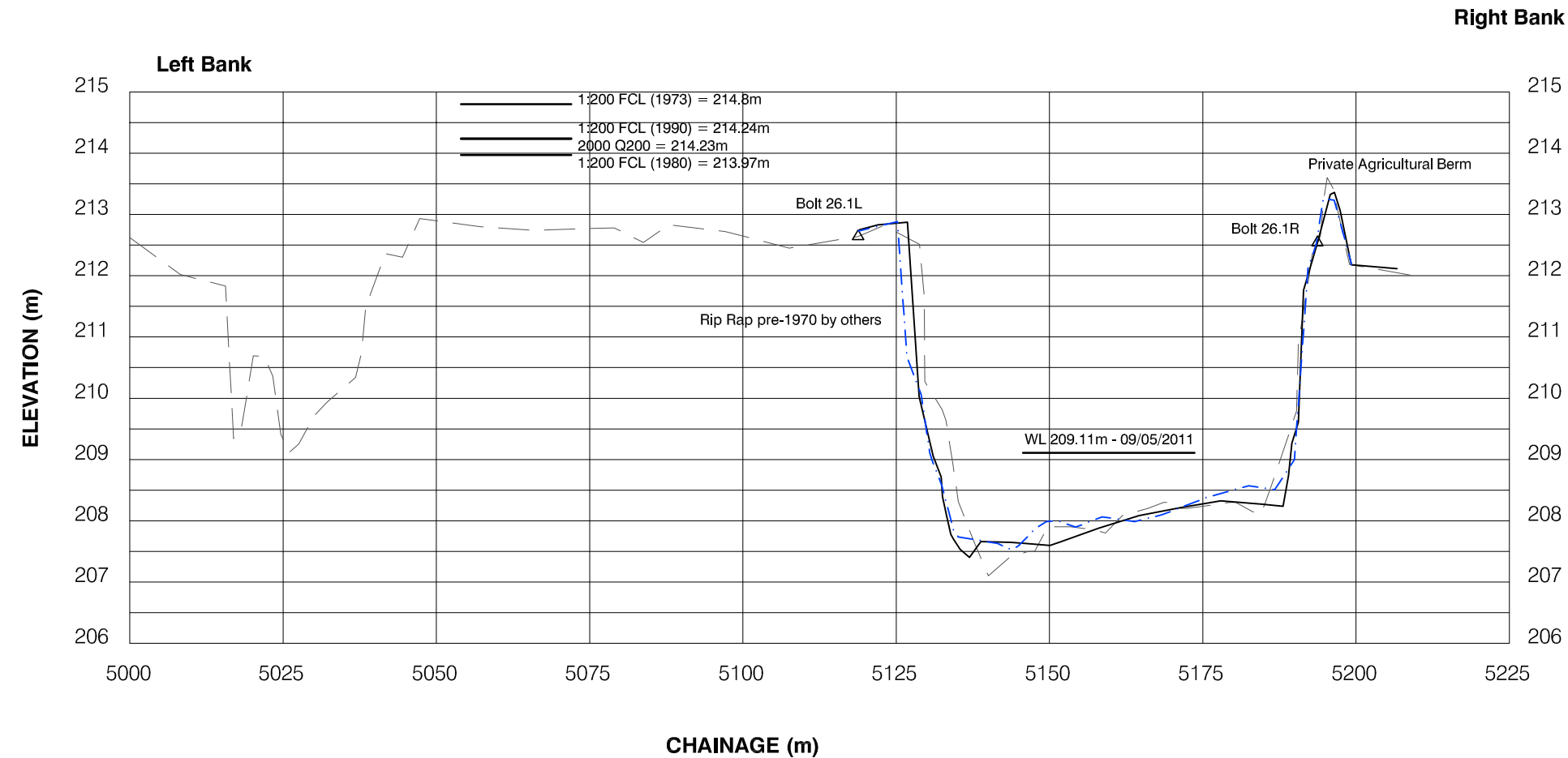
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985

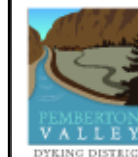
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-6



kwl **KERR WOOD LEIDAL**
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CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 26.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

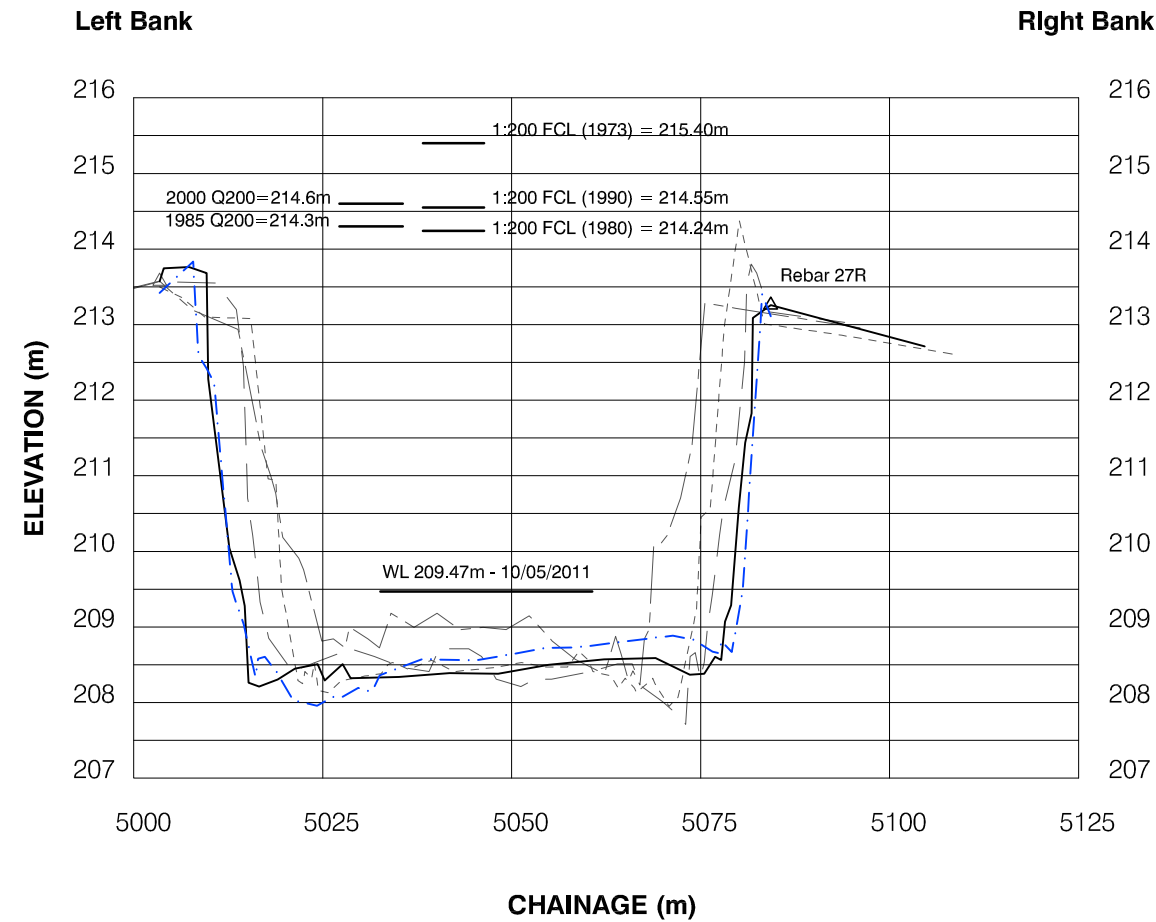
Legend

- - - - - KWL 2011
- _____ KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-6



1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 27**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

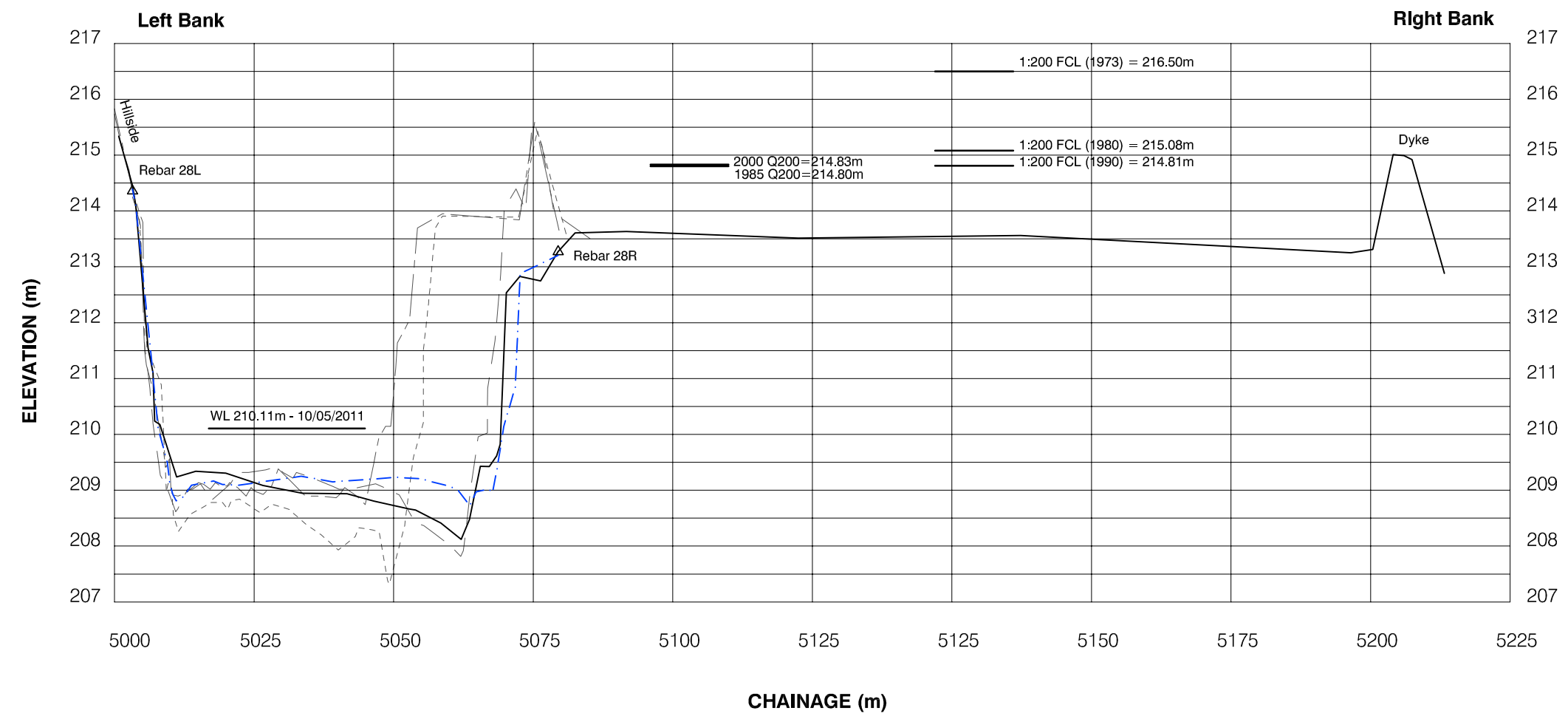
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

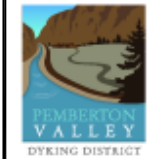
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-6



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 28**

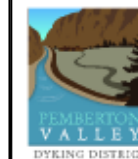
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



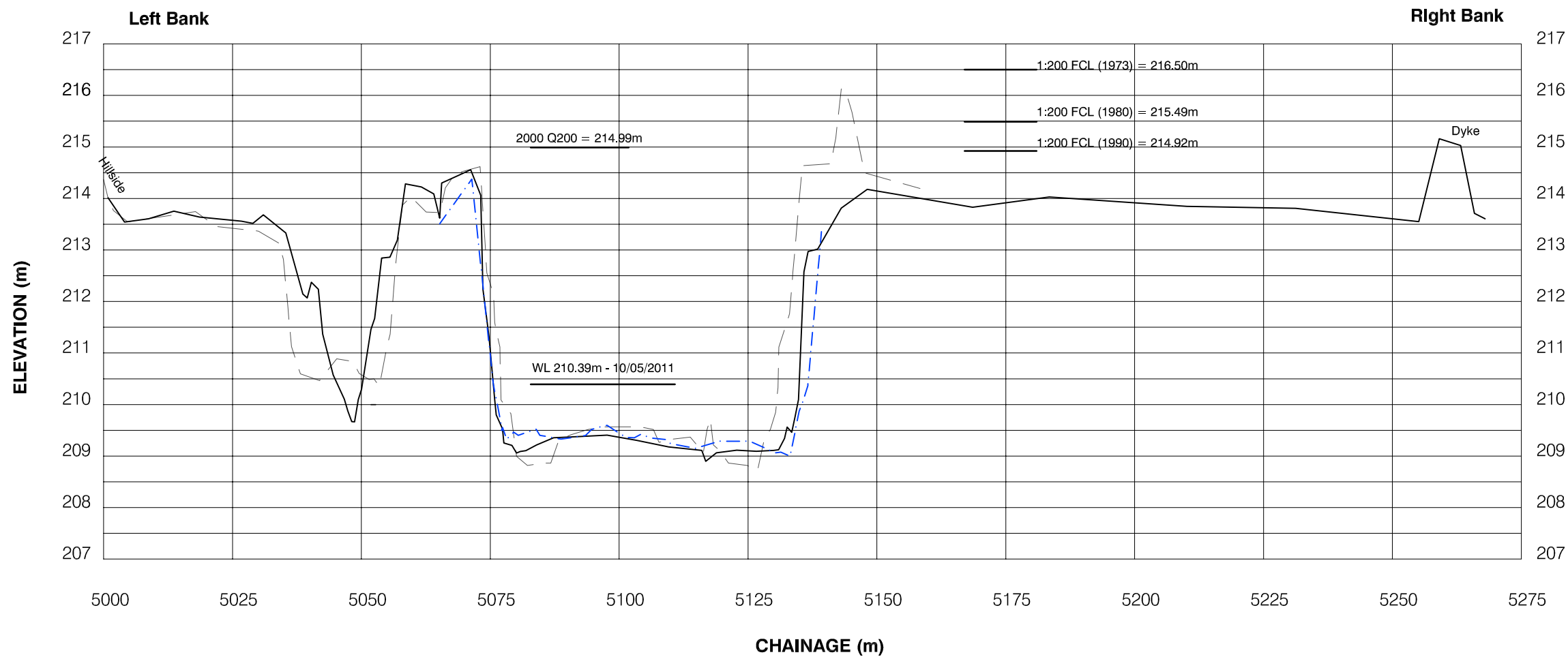
kwl KERR WOOD LEIDAL
CONSULTING ENGINEERS
associates limited

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 28.1**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-6

Oct.13/11

713.057\Drawings\CrossSectionPlots\XS28-1.dwg

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



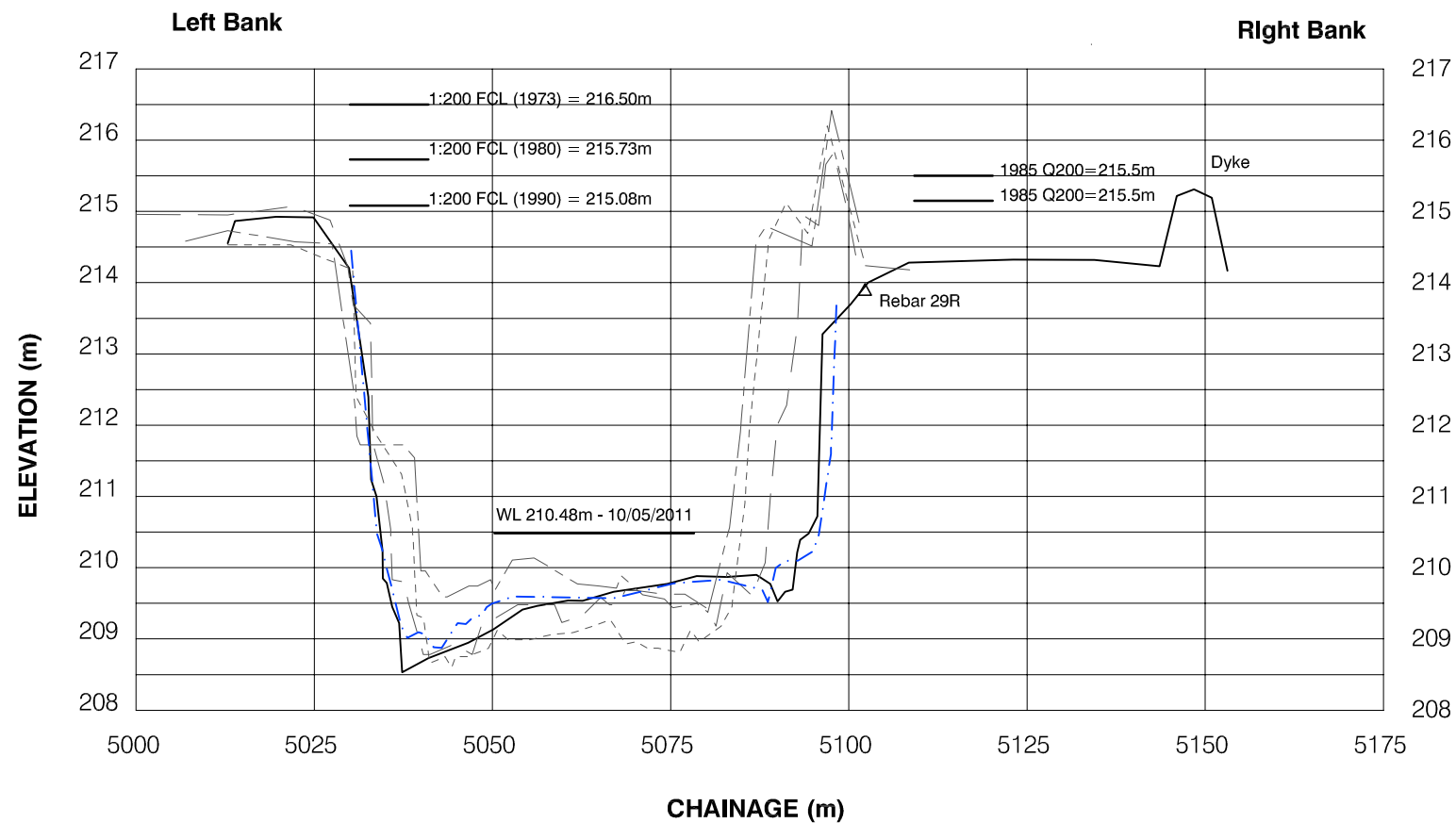
kwj KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 29**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-7

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

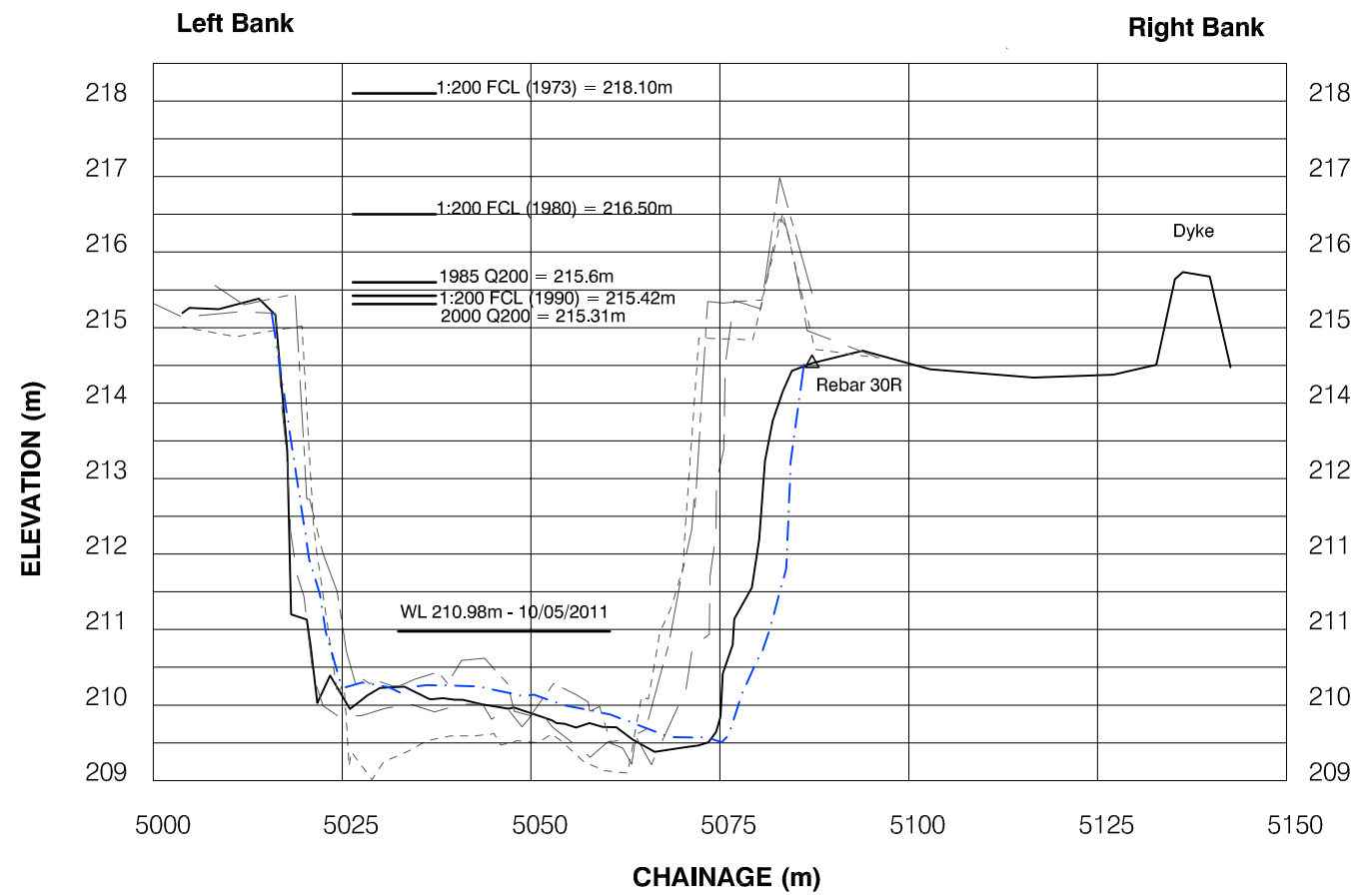
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-7



1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 30**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



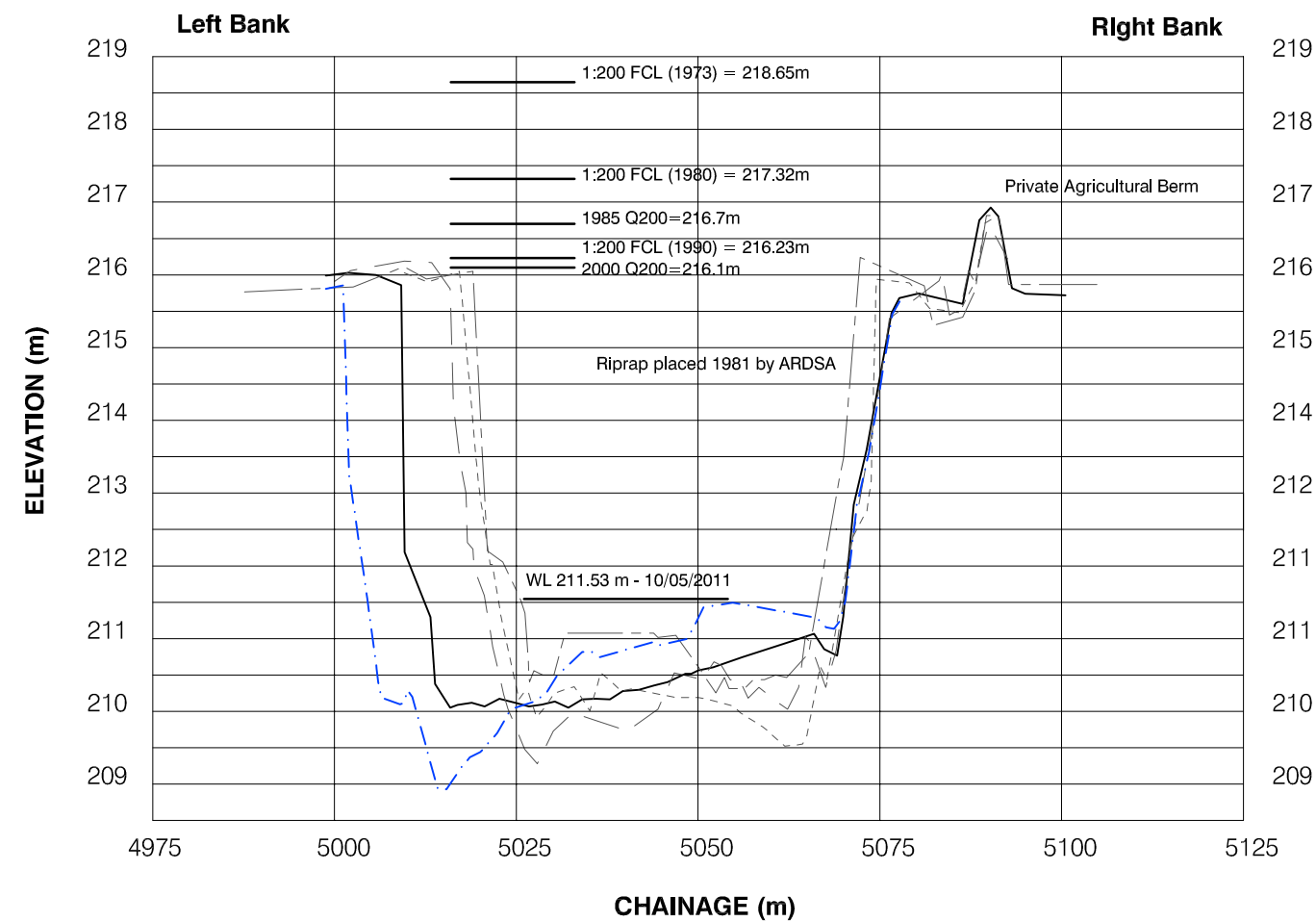
kwj KERR WOOD LEIDAL
associates limited
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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 31**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-6, 5022-6A, 88-44-7

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

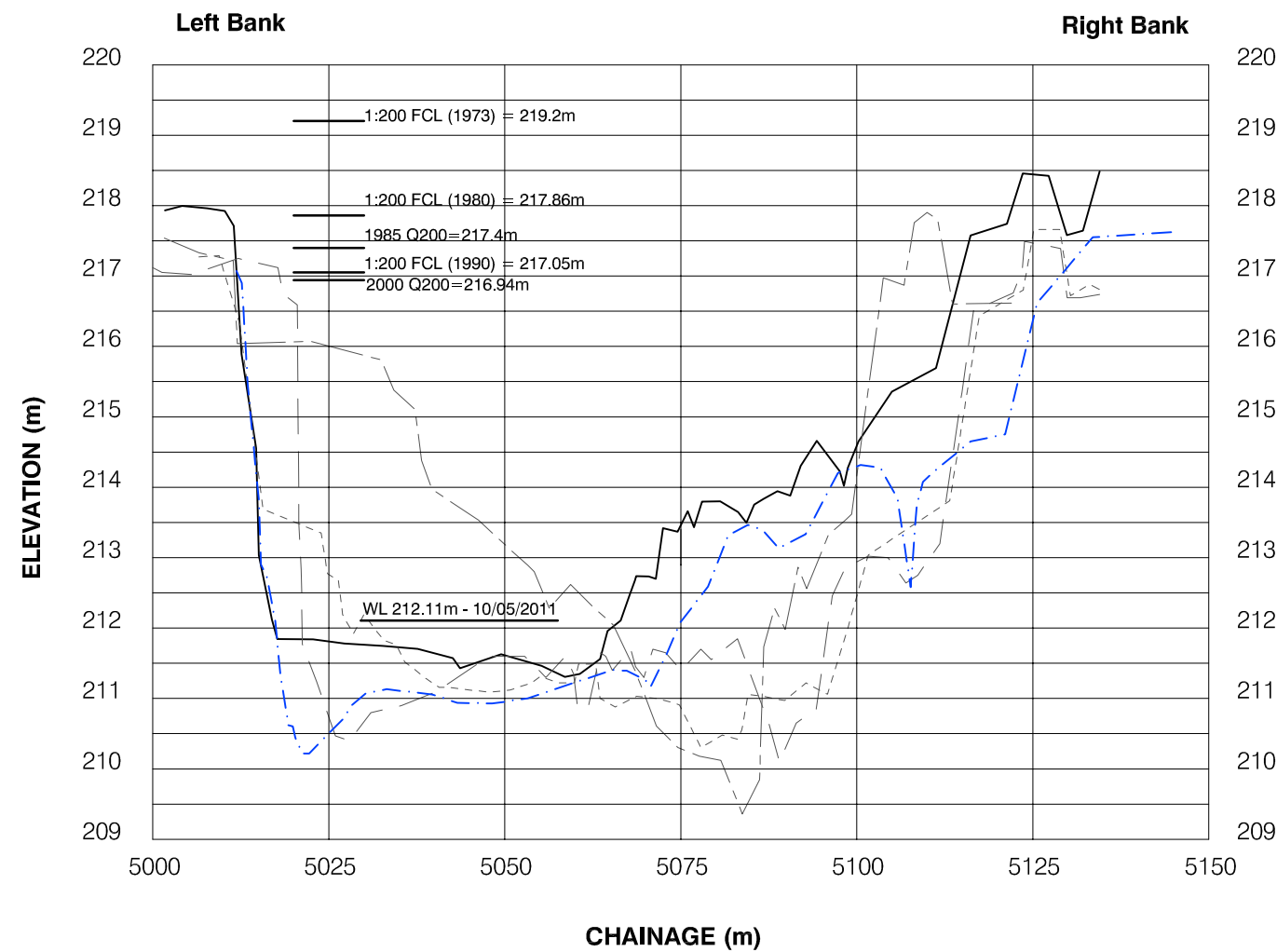
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

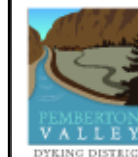
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-7, 5022-7A, 88-44-7



1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 32**

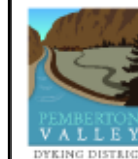
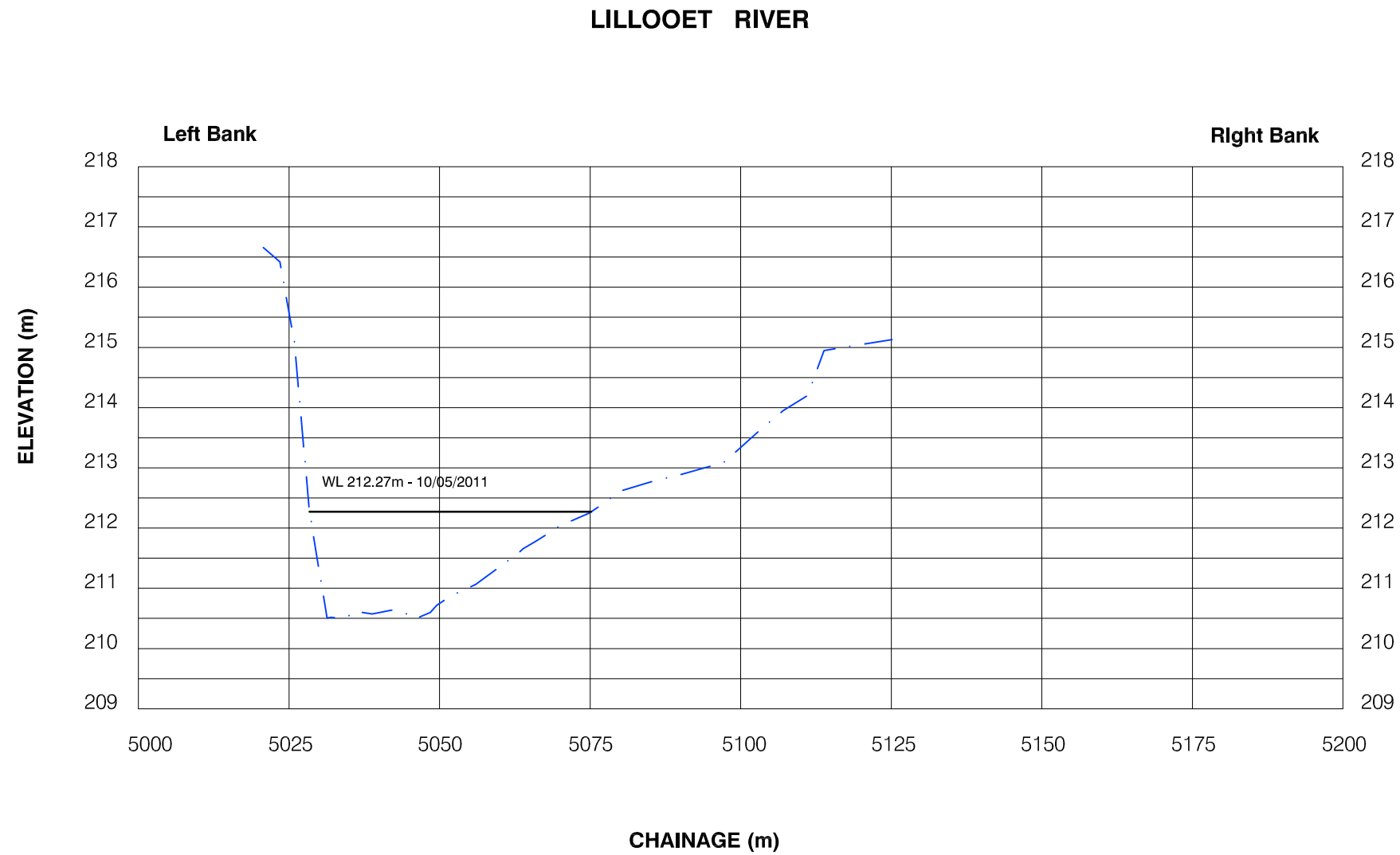
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 32.1**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

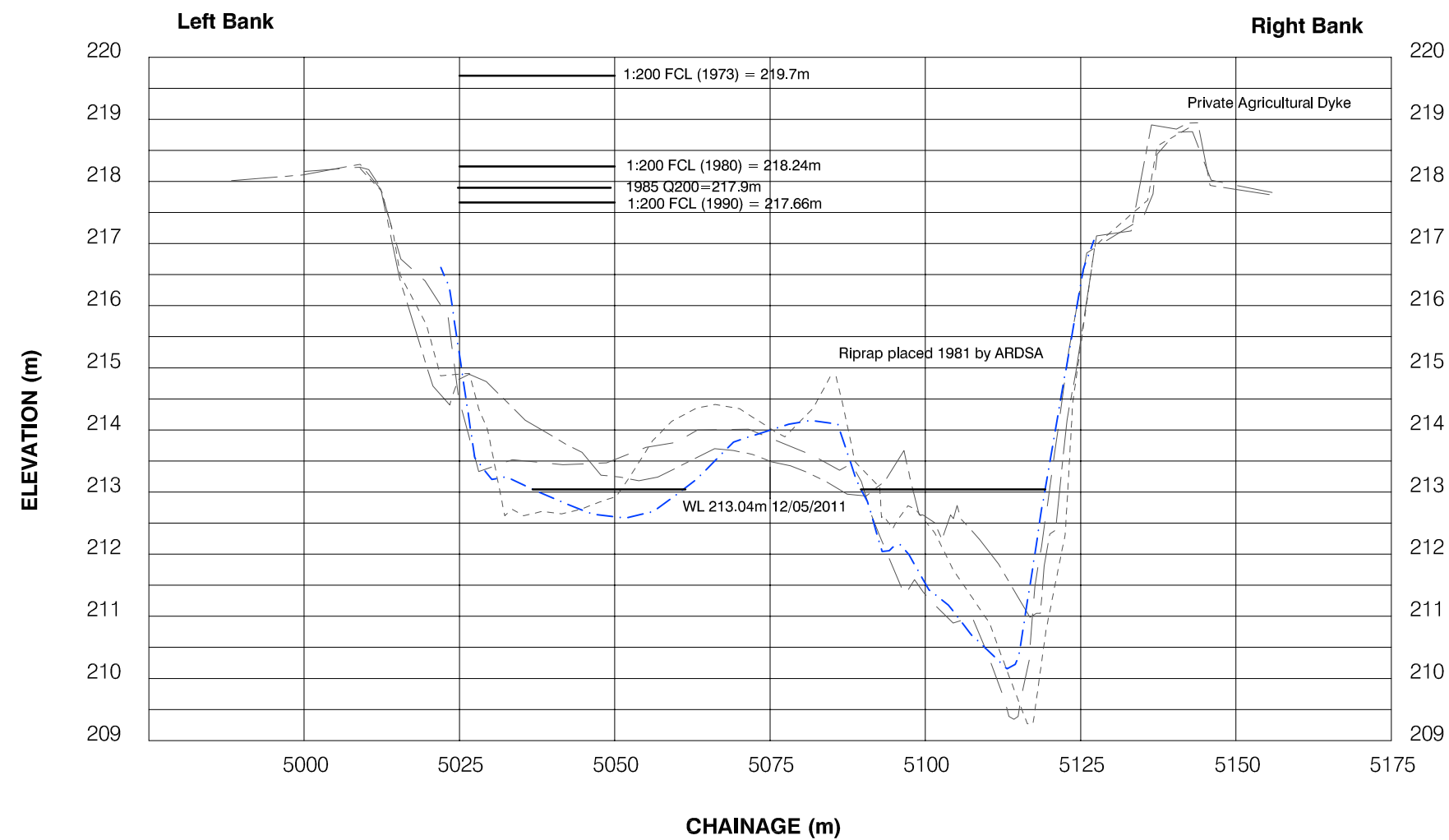
Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

LILLOOET RIVER
 Water Pipeline Crosses River 160m Downstream



Flood Level Data from Floodplain Maps 5022-7, 5022-7A & 88-44-7



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Project No. 713.057	Date September 2011
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Lillooet River
Cross-Section
XS 33

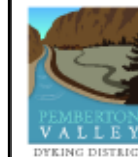
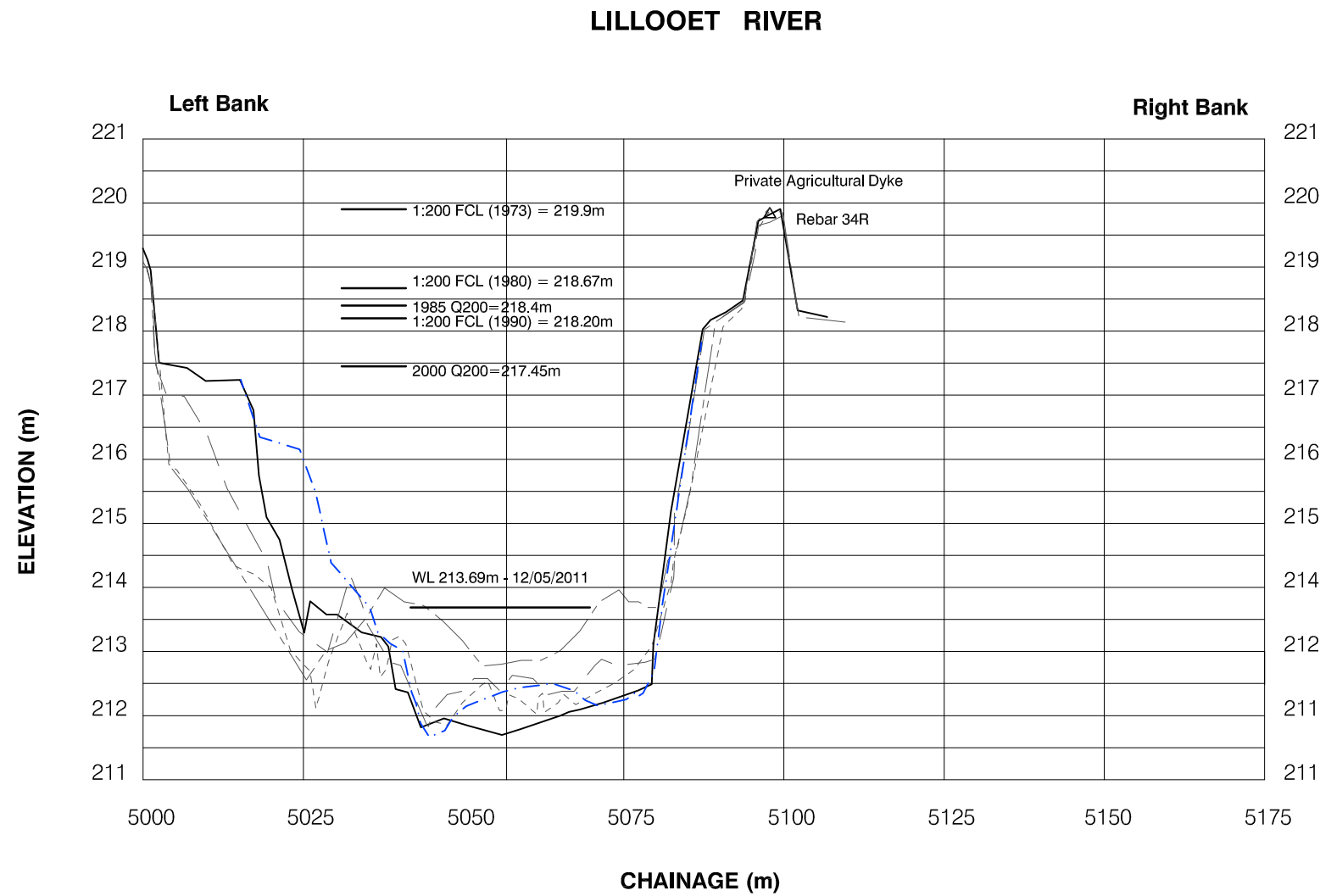
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- _____ KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 34**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

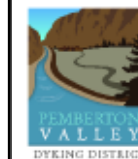
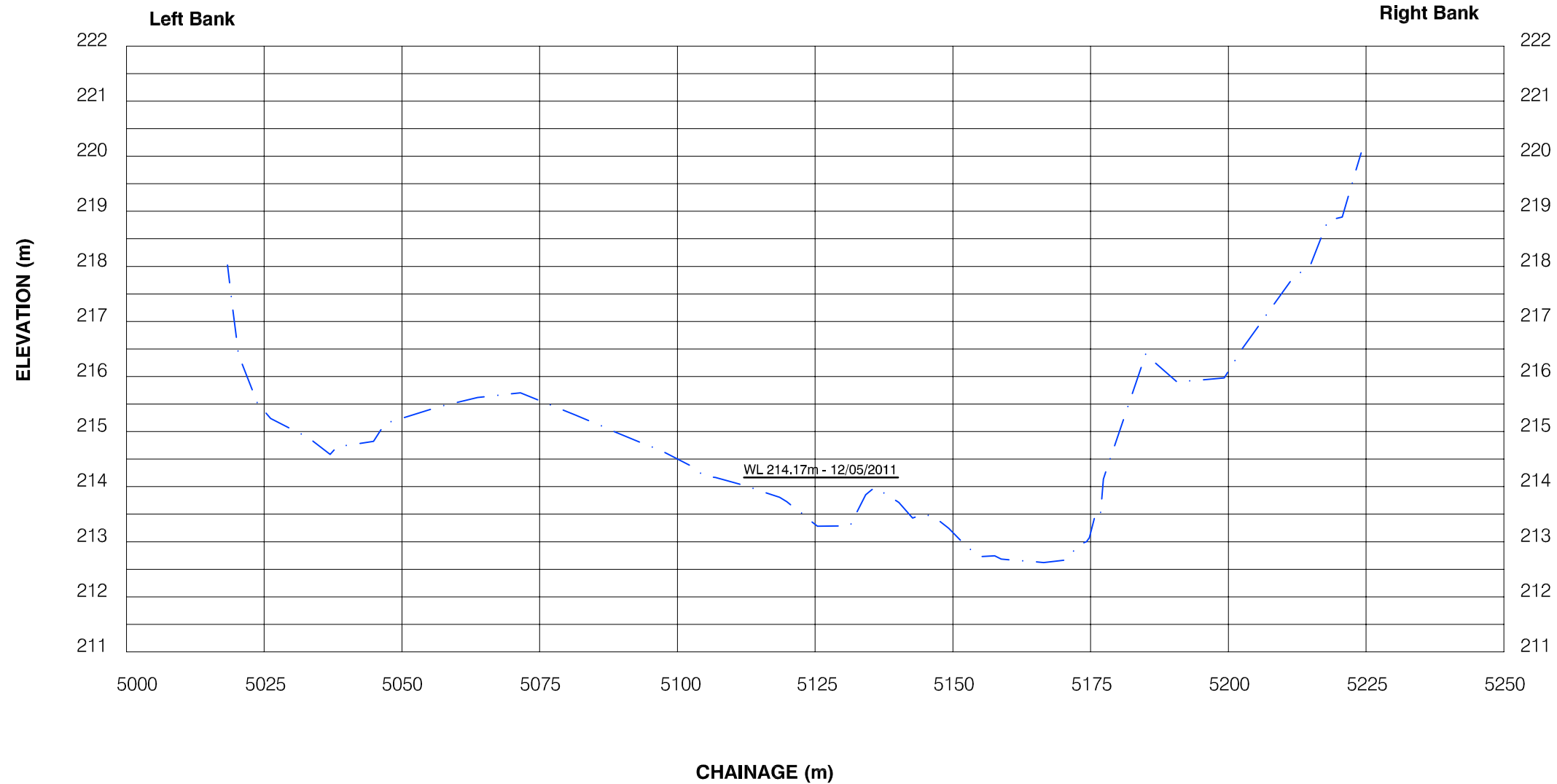
Legend

— KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



kwl KERR WOOD LEIDAL
 CONSULTING ENGINEERS *associates limited*

1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 34.1**

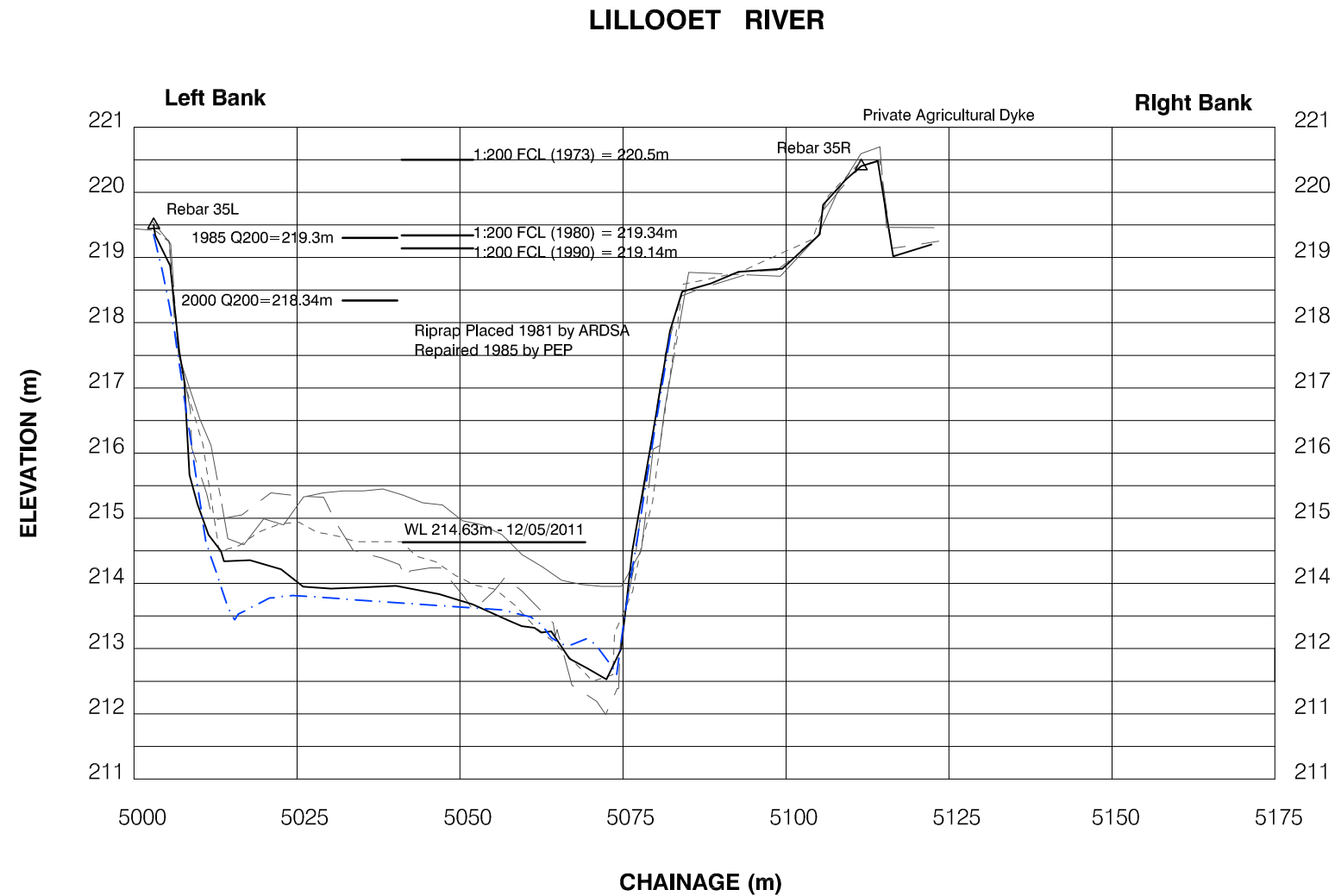
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

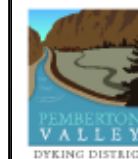
- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



Flood Level Data from Floodplain Maps 5022-7, 5022-7A, 88-44-8



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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Lillooet River Cross-Section XS 35

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

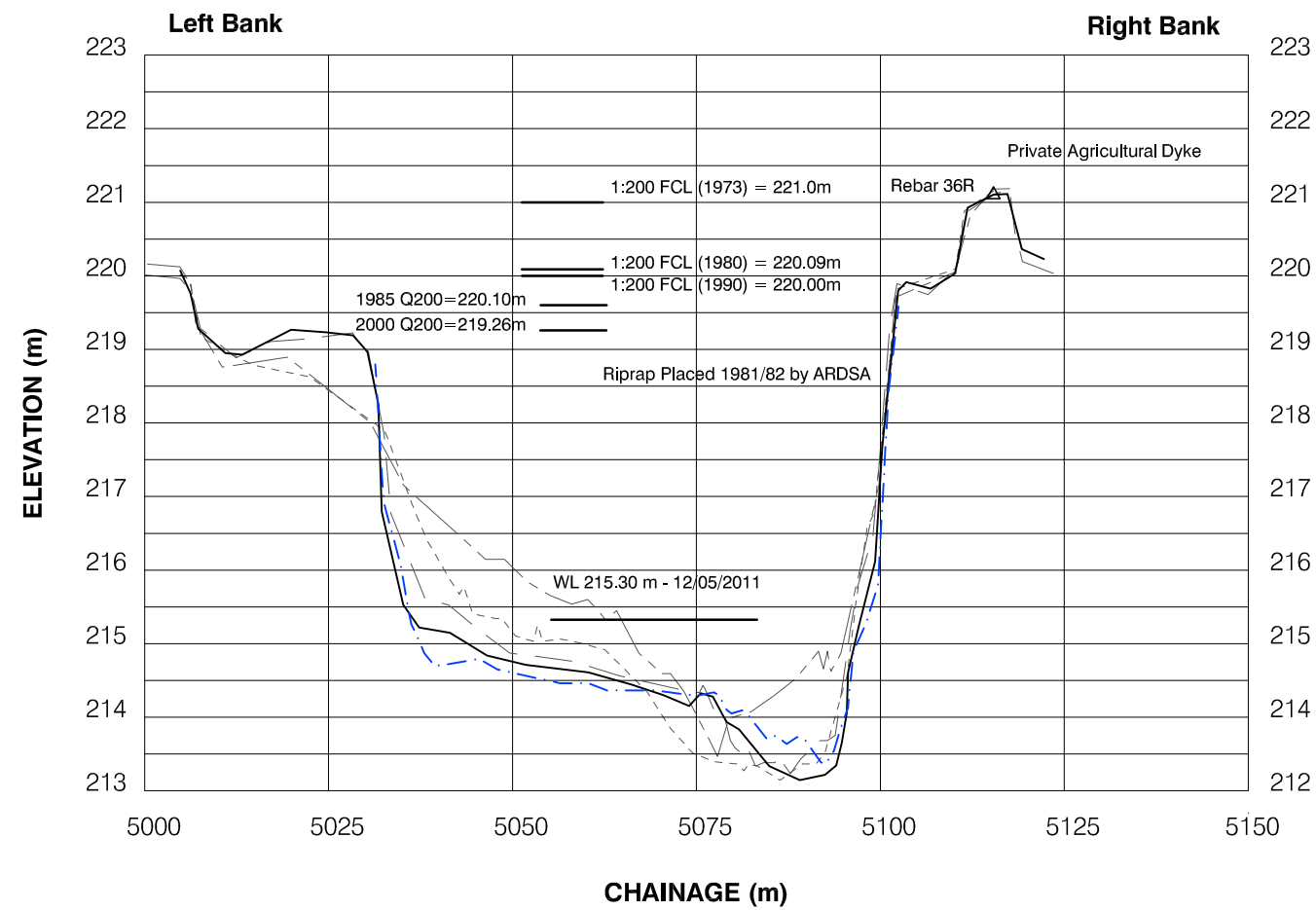
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

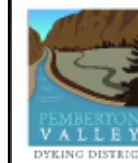
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-7, 5022-7A, 88-44-8



kwj KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 731.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 36**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

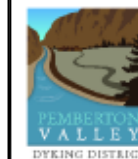
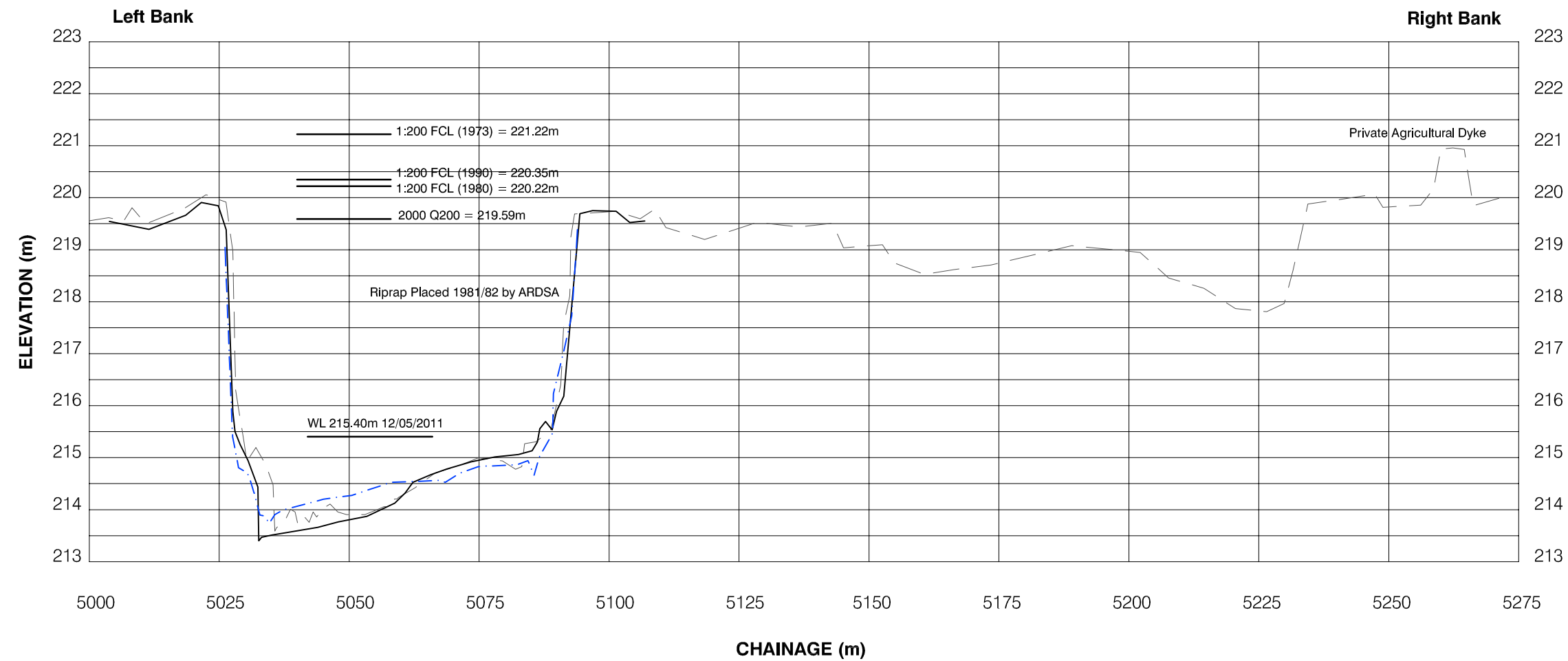
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



kwl KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 36.1**

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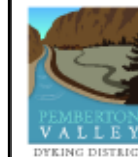
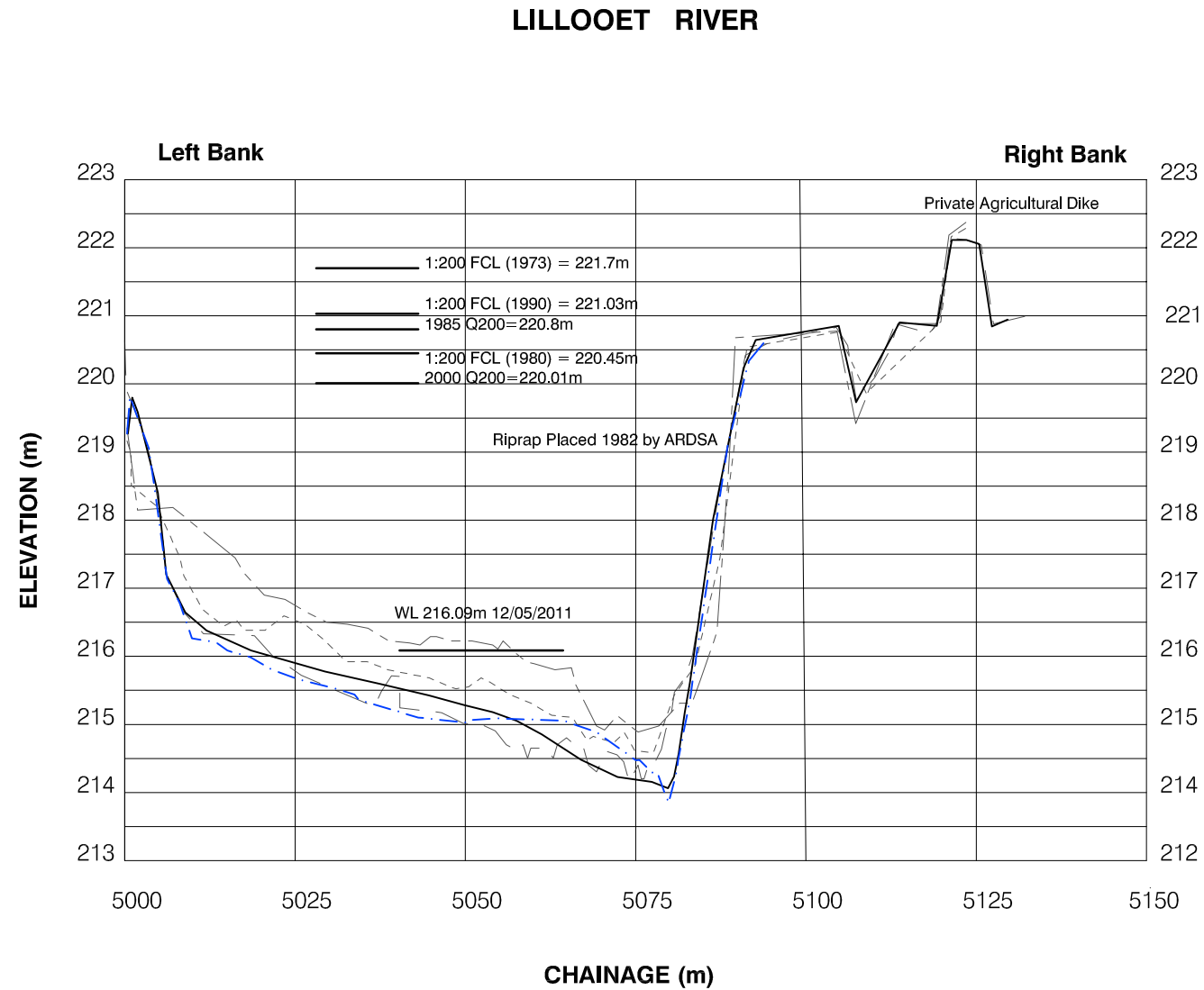
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 37**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

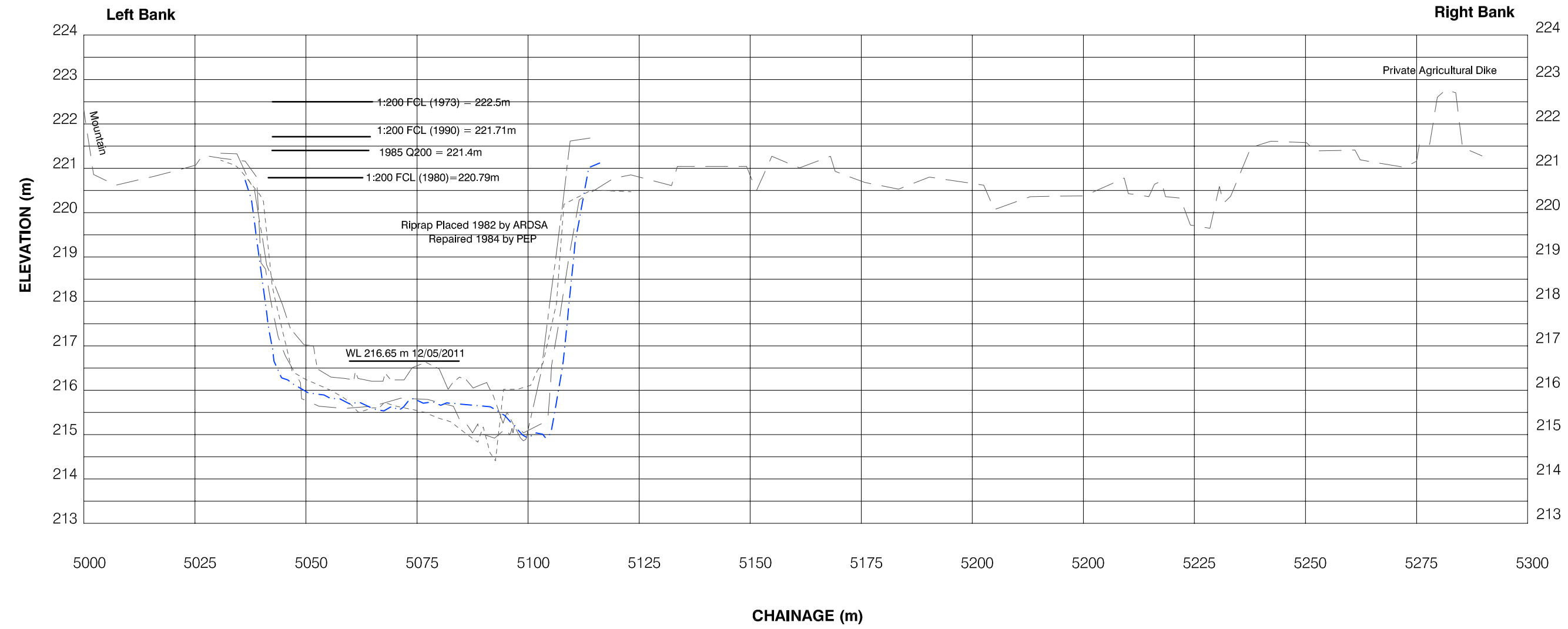


1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 38**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-8, 5022-8A & 88-44-8

Oct.13/11

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Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

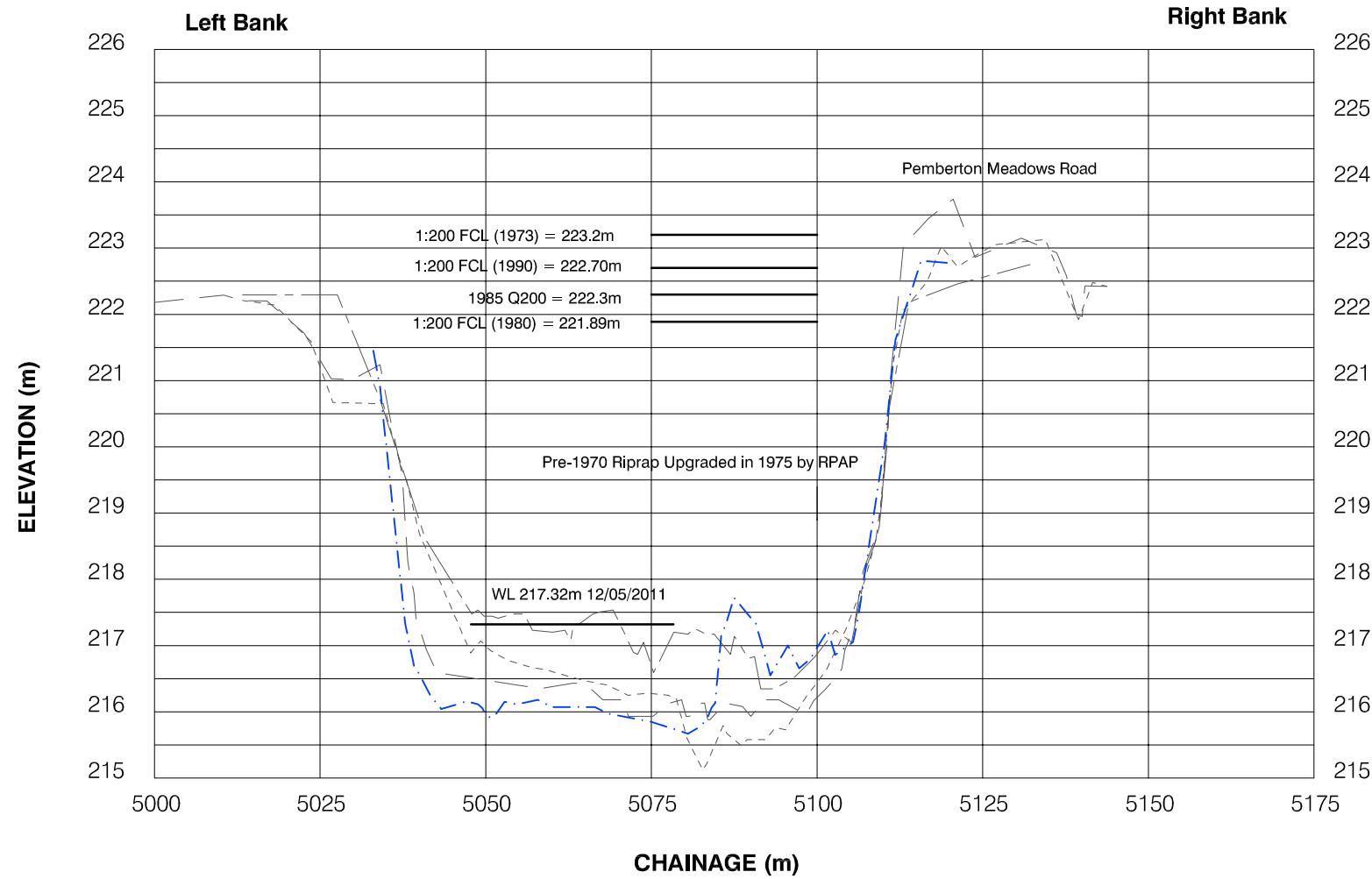
Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

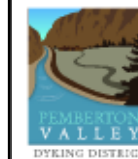
Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-8, 5022-8A & 88-44-8



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 CONSULTING ENGINEERS *associates limited*

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 39**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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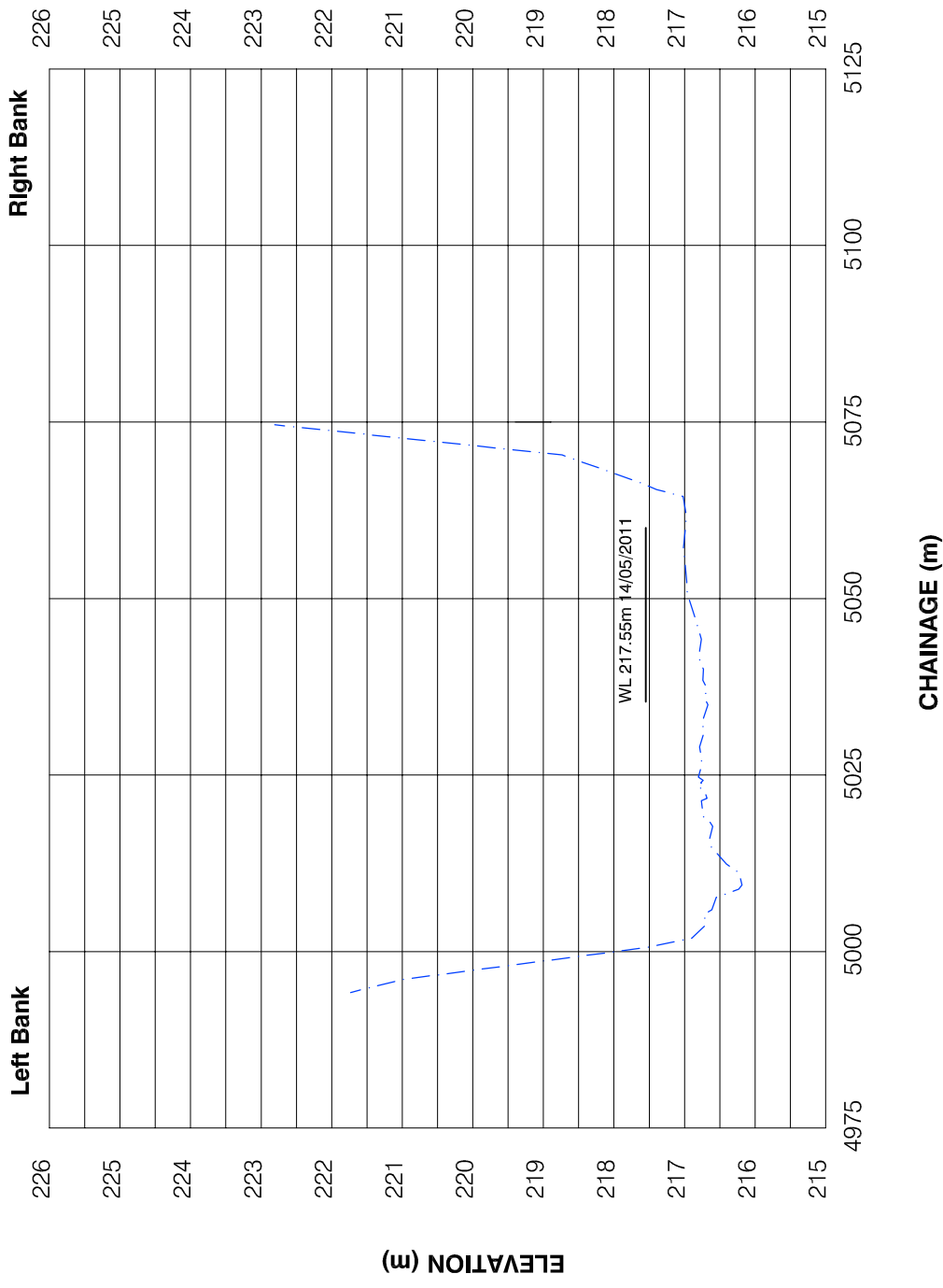
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 39.1**

LILLOOET RIVER



Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New section in 2011. No previous cross section data for comparison.



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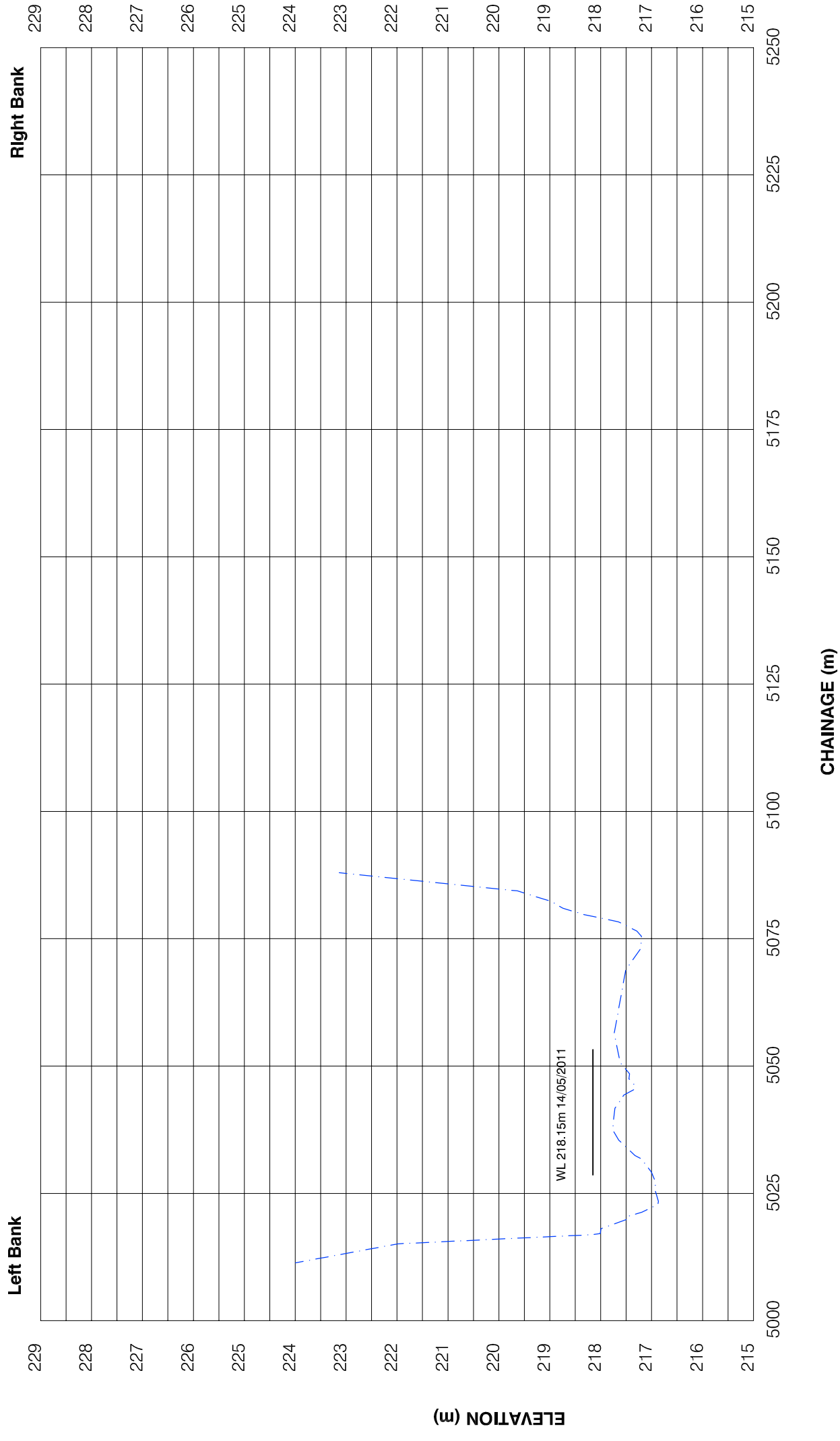
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 40.1**

LILLOOET RIVER



Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

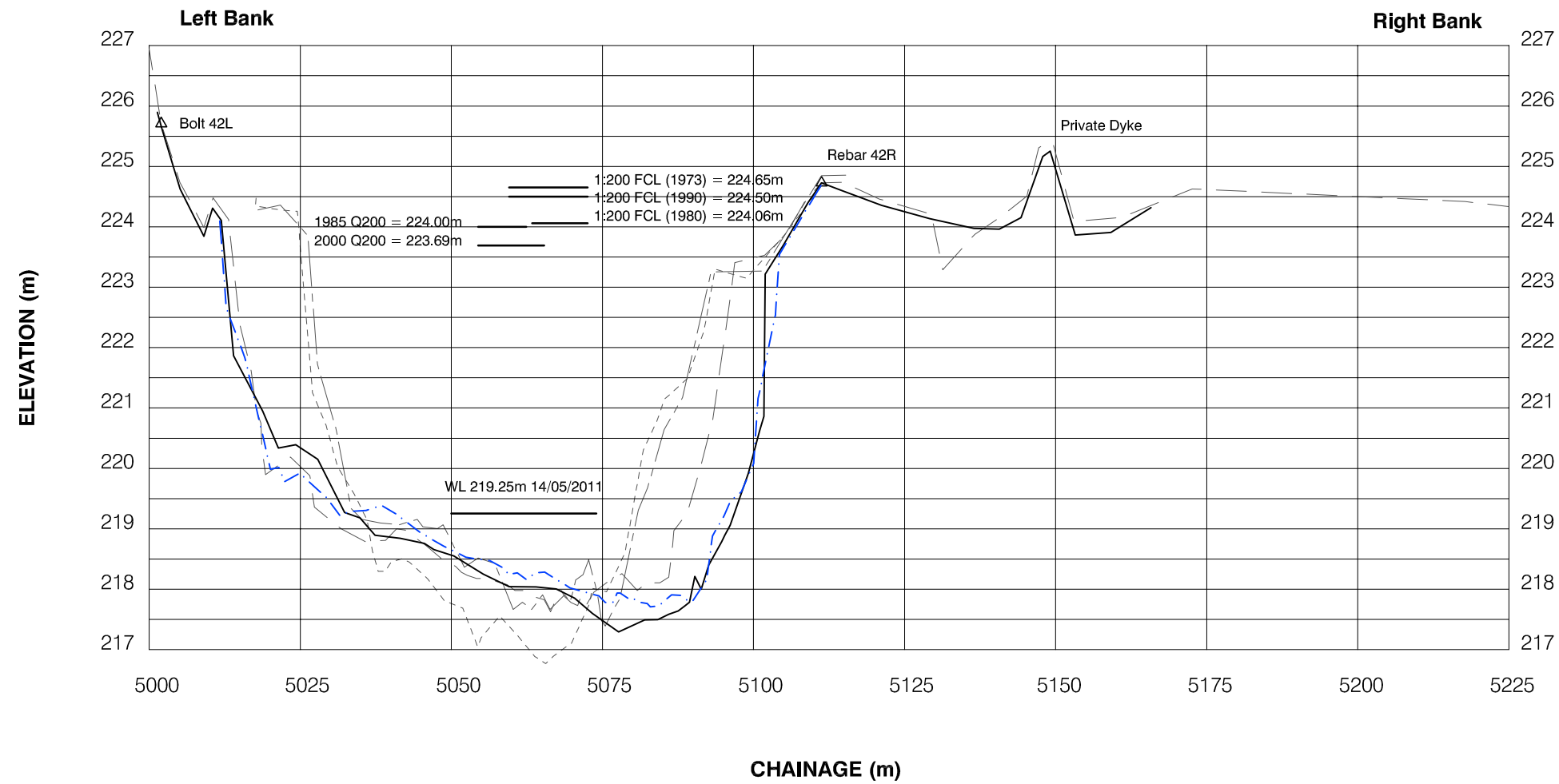
Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1969

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-8, 5022-8A, 88-44-9



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 CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
------------------------	------------------------

**Lillooet River
 Cross-Section
 XS 42**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

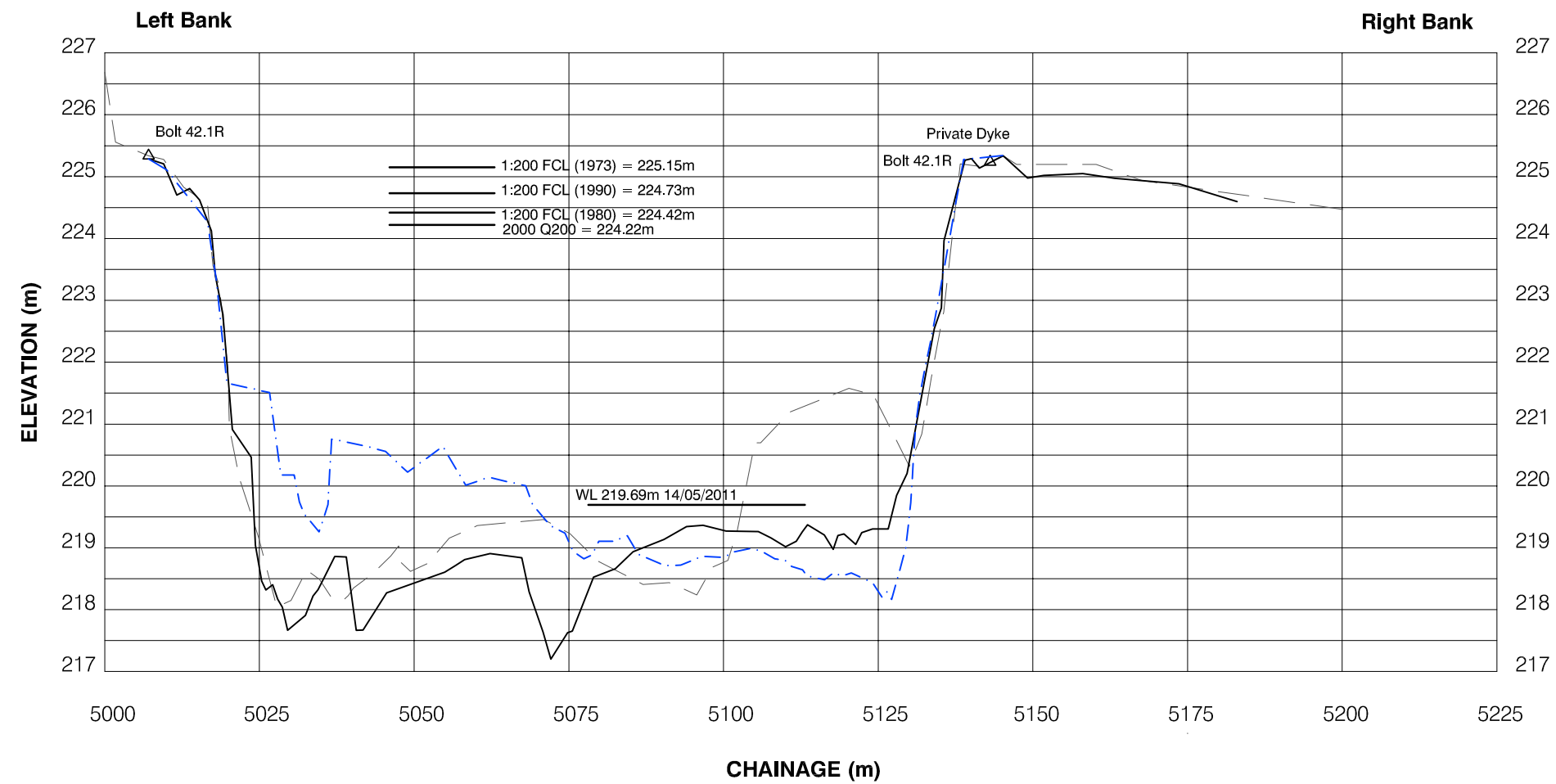
Legend

- - - - KWL 2011
- KWL 2000
- - - - WMB Victoria 1985

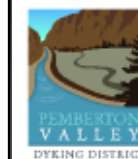
Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-8, 5022-8A, 88-44-9



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
------------------------	------------------------

**Lillooet River
 Cross-Section
 XS 42.1**

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - KWL 2011
- KWL 2000
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



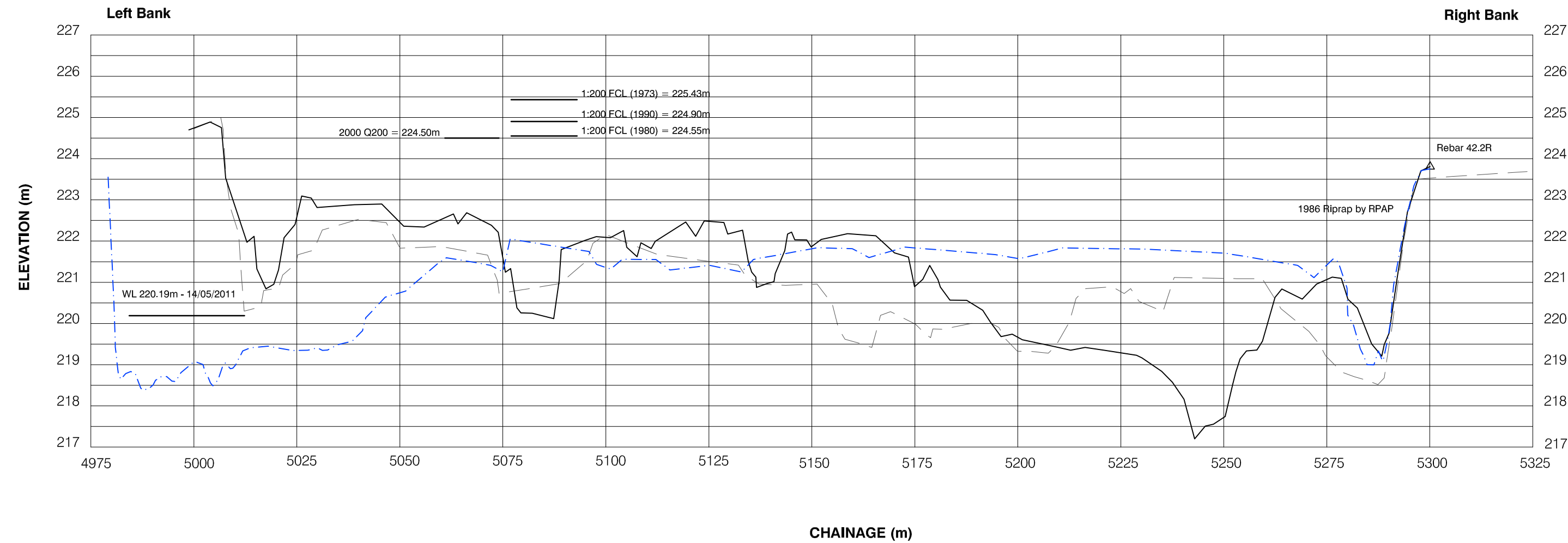
kwl KERR WOOD LEIDAL
associates limited
CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 42.2**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-8, 5022-8A, 88-44-9

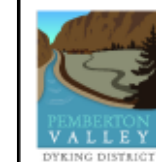
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - KWL 2011
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.



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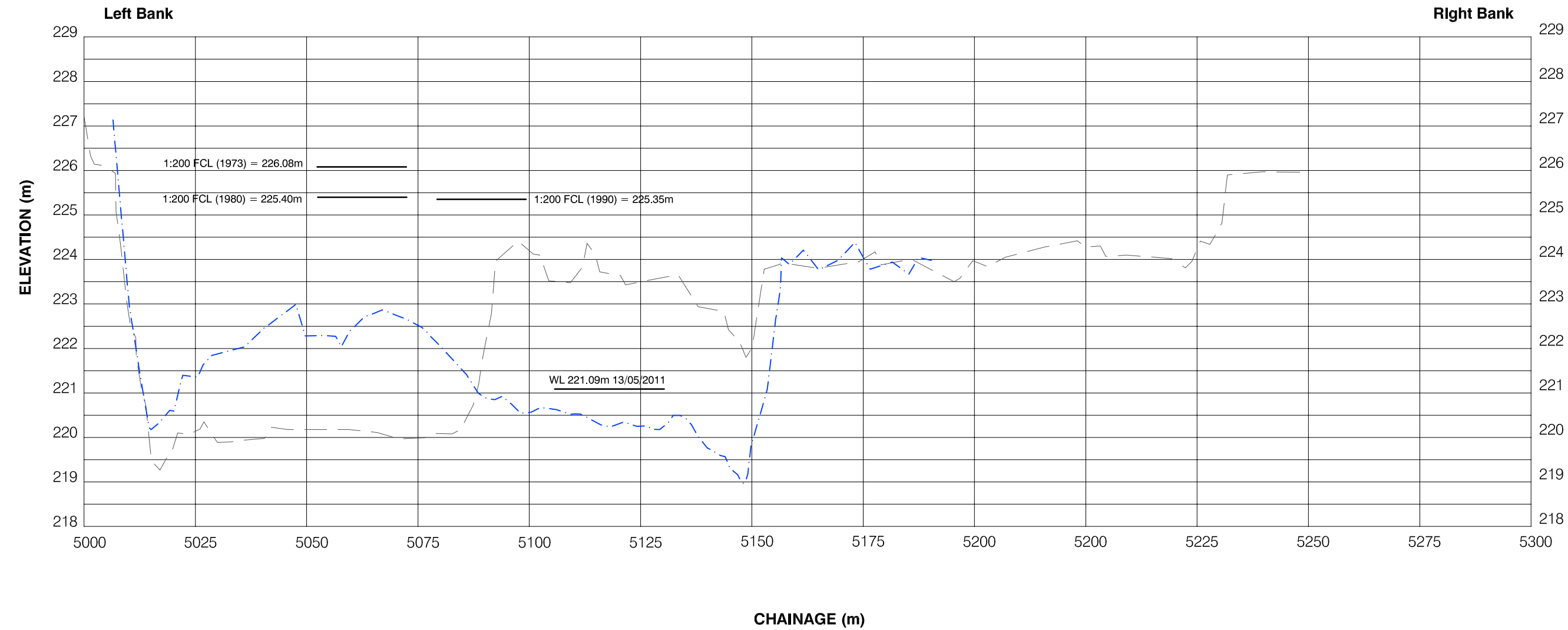
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
Cross-Section
XS 43.1**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-9, 5022-9A & 88-44-9

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

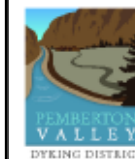
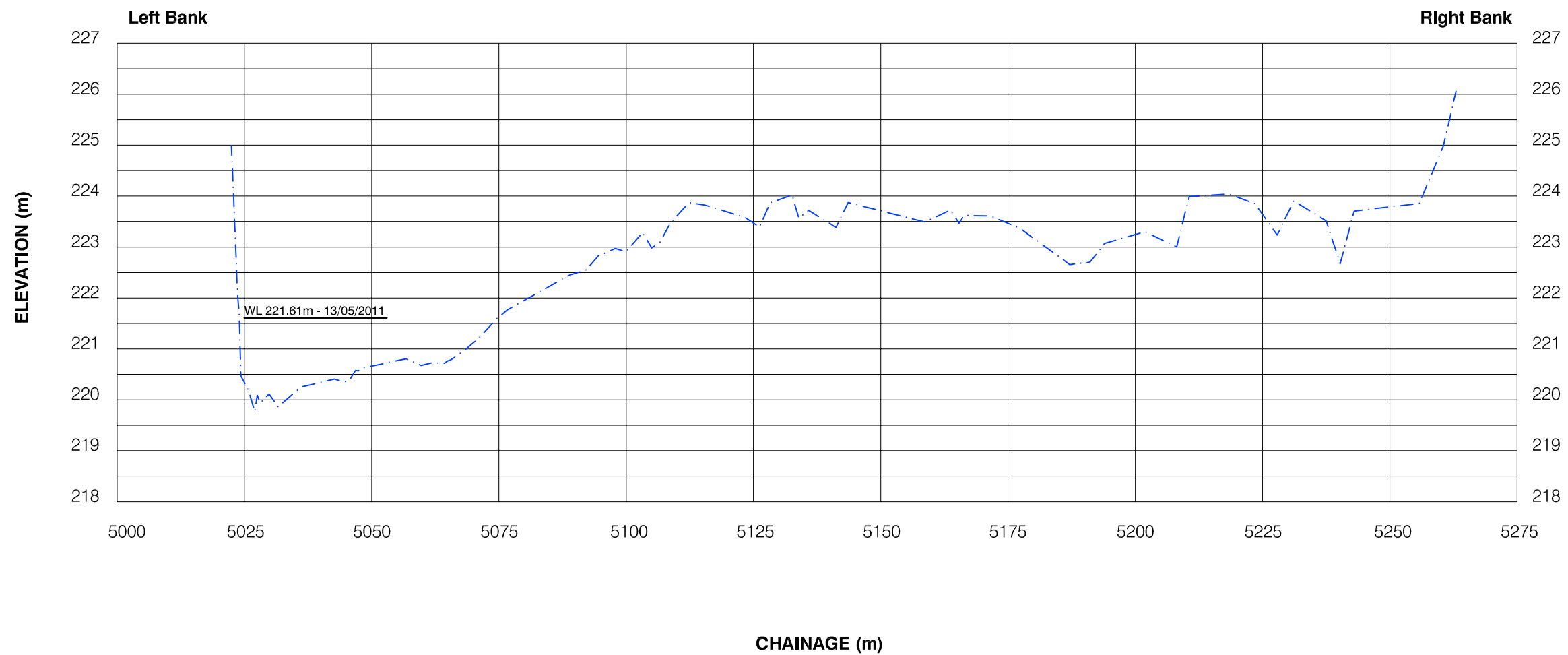
Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.

LILLOOET RIVER



kwl KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 43.2**

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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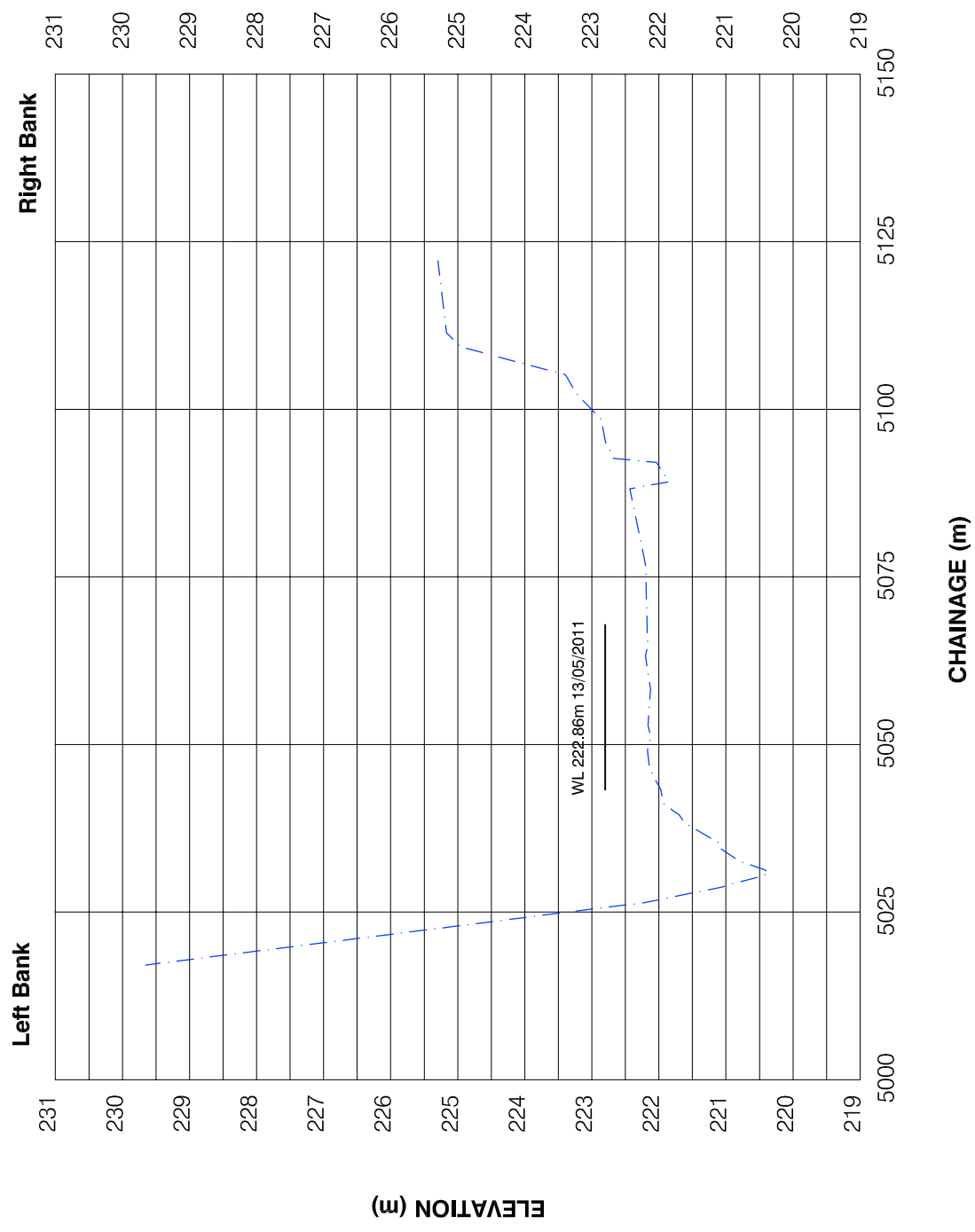
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 45.1**

LILLOOET RIVER



Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

-  KWL 2011
-  WMB Victoria 1985
-  WMB Victoria 1978
-  WMB Victoria 1971

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

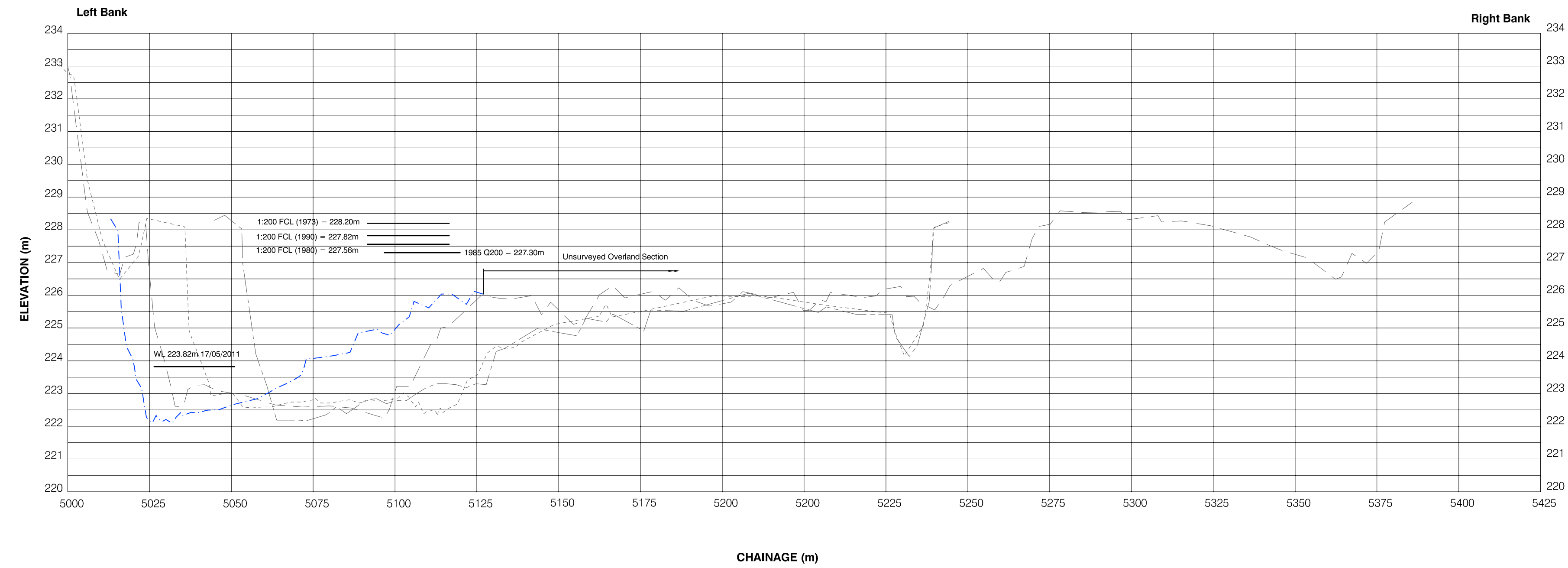


1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 46**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-9, 5022-9A & 88-44-10

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713.057\Drawings\CrossSectionPlots\XS46-2011.dwg

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

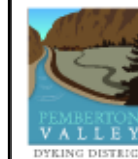
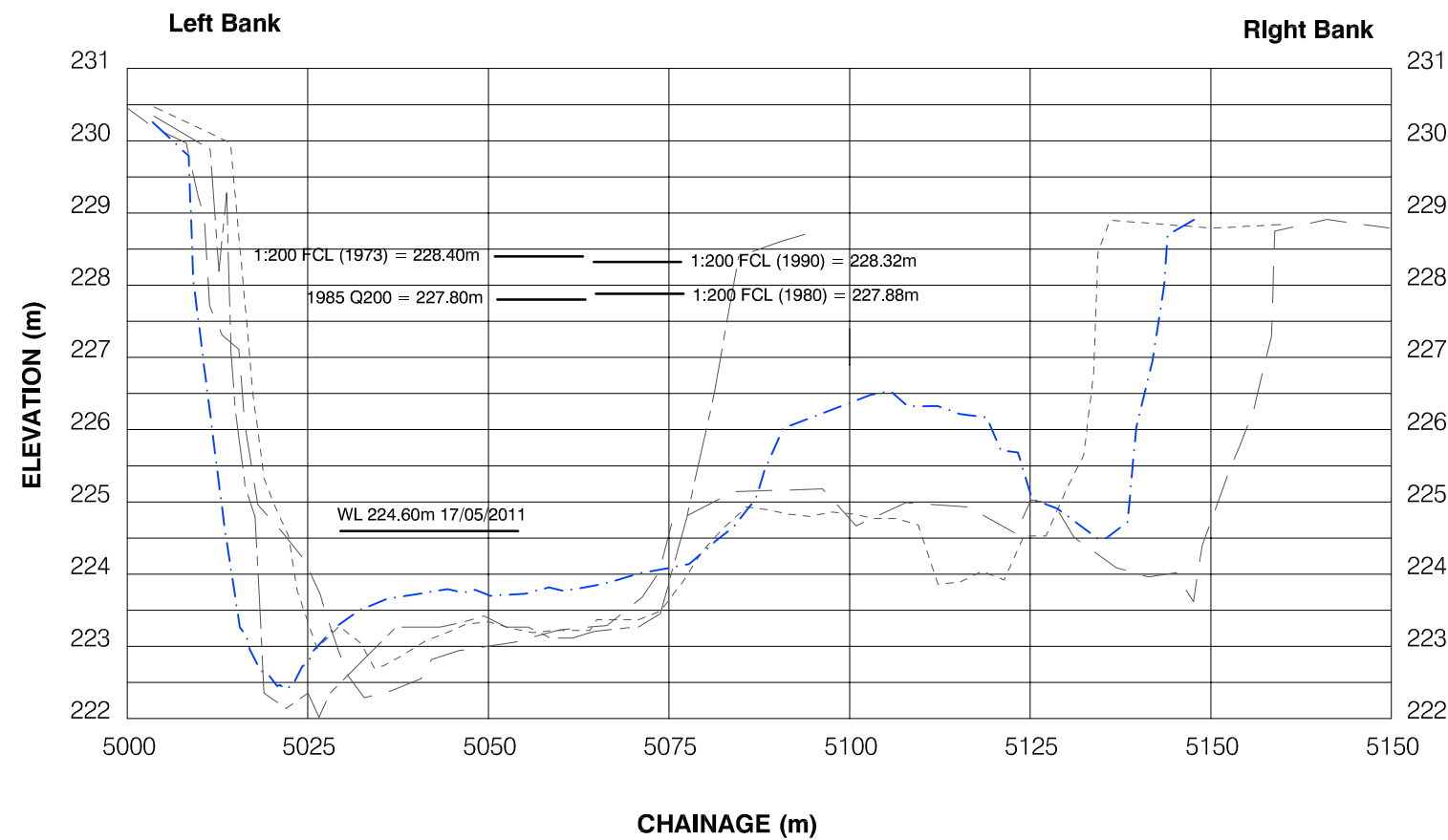
Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1971

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.

LILLOOET RIVER



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 47**

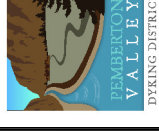
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- KWL 2011
- WMB Victoria 1985
- WMB Victoria 1978
- WMB Victoria 1971

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.



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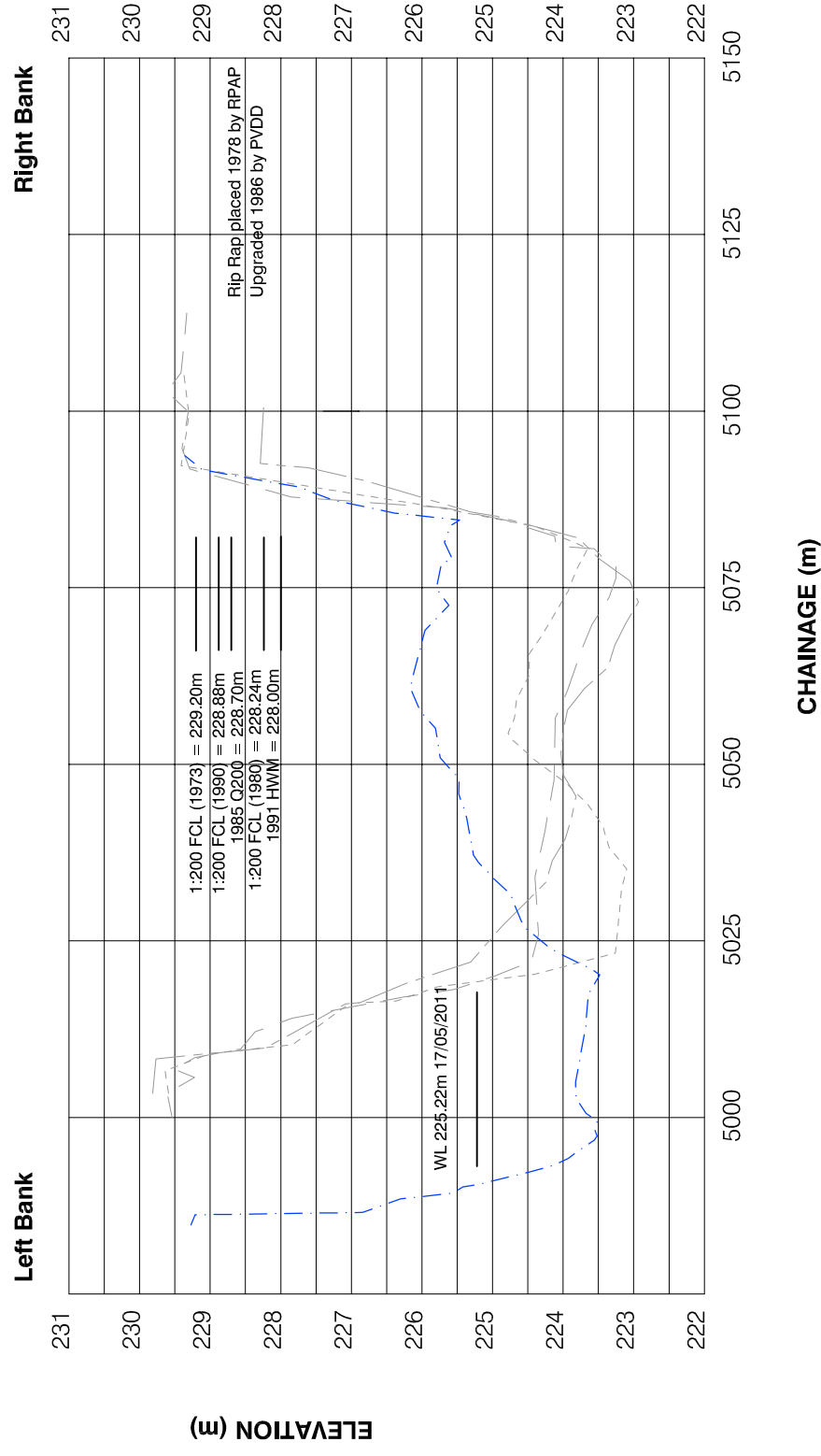
1:1000 Horizontal, 1:100 Vertical

Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 48**

LILLOOET RIVER



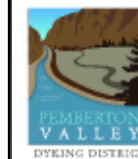
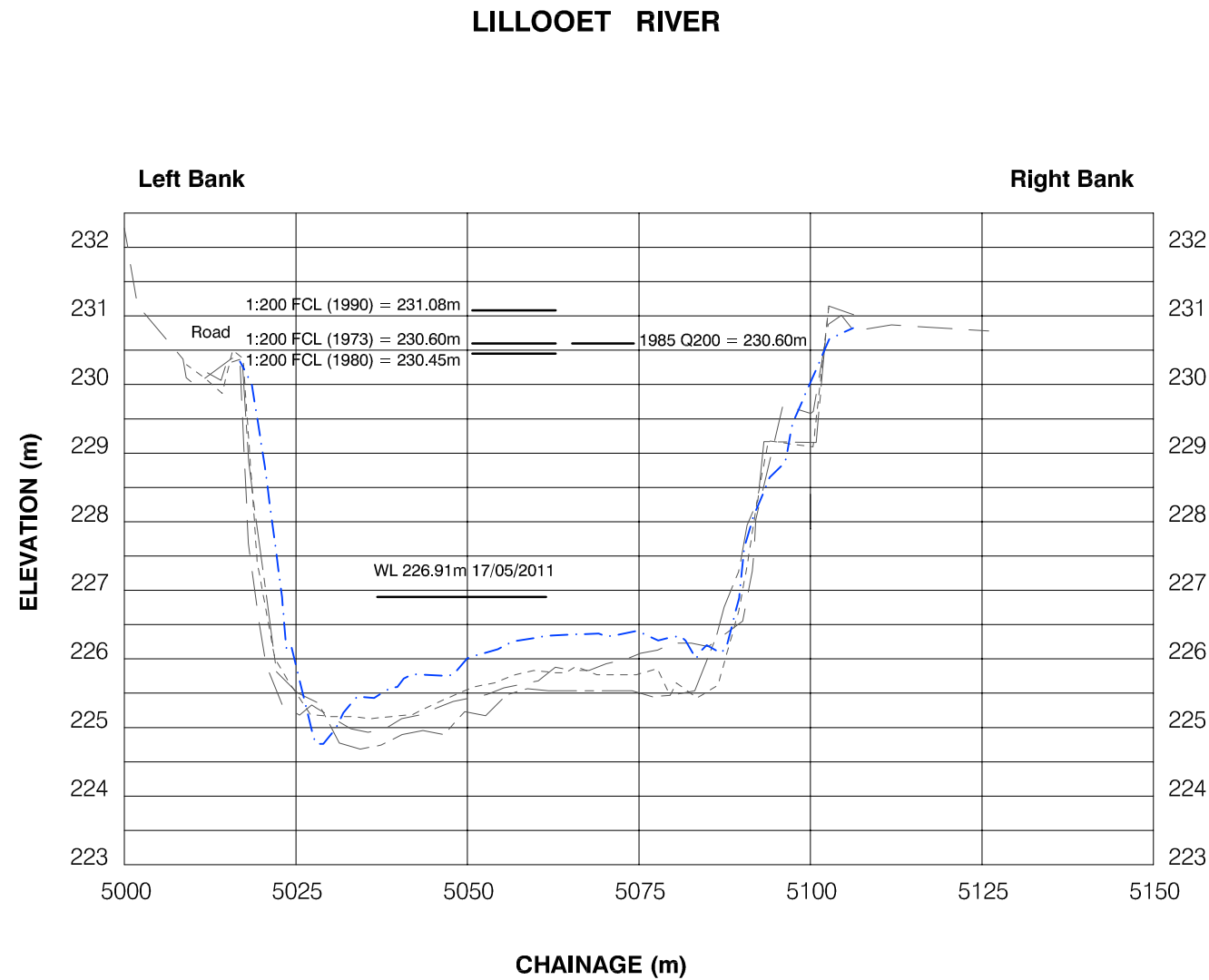
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1971

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 50**

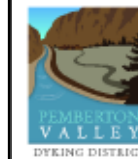
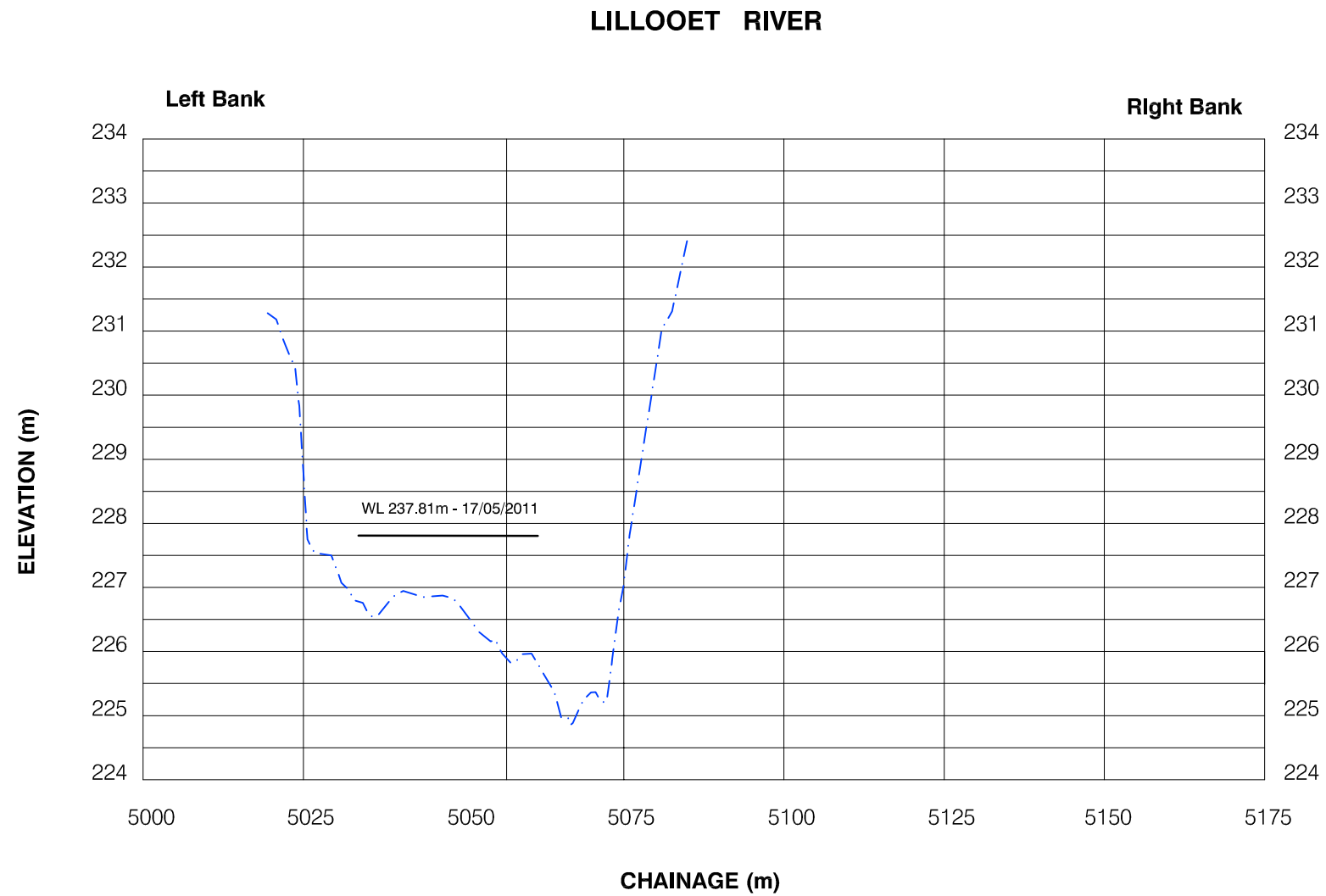
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



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1:1000 Horizontal, 1:100 Vertical

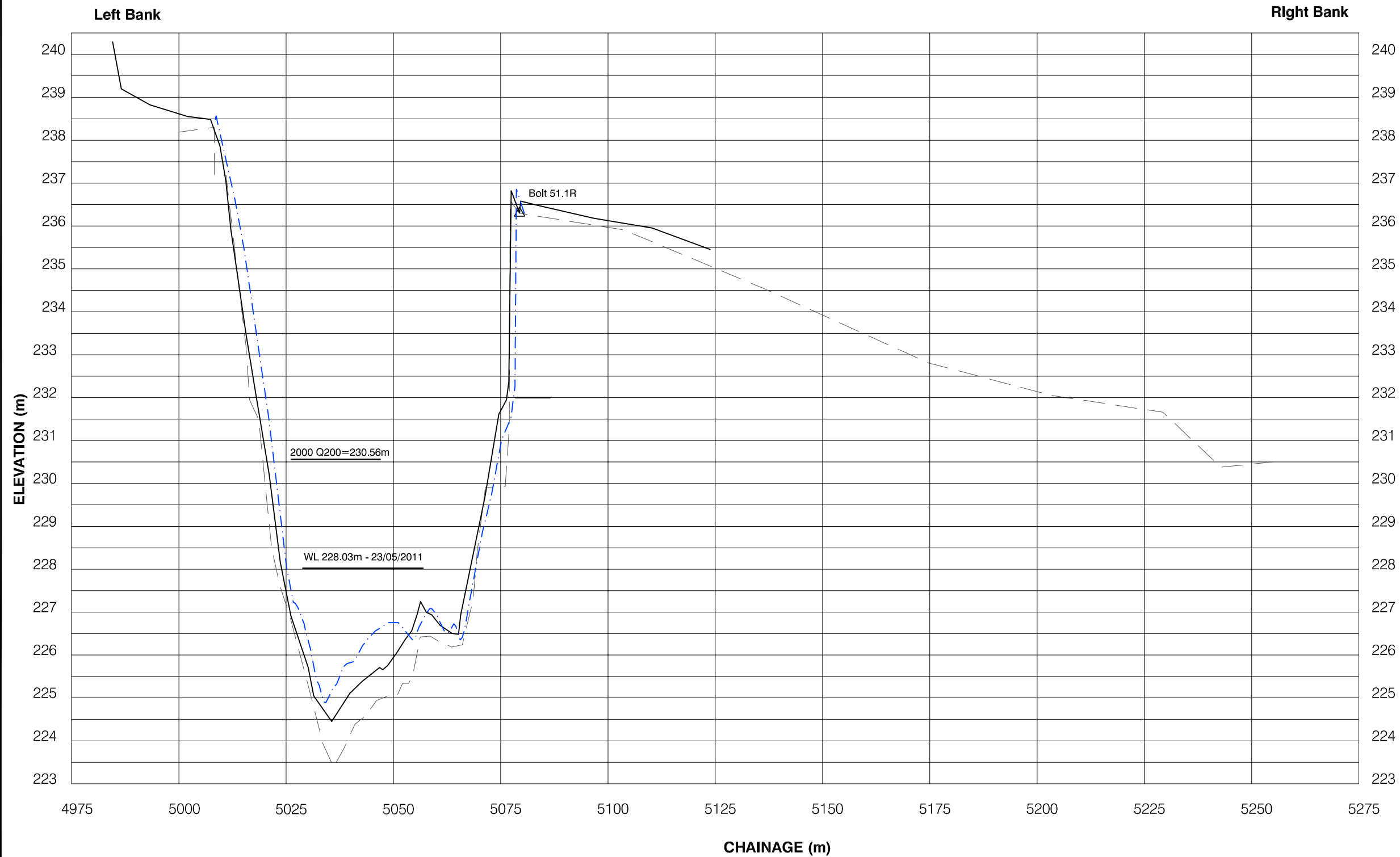
Project No.
713.057

Date
September 2011

**Lillooet River
 Cross-Section
 XS 51.1X**

LILLOOET RIVER
At Downstream Side of Forestry Bridge

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

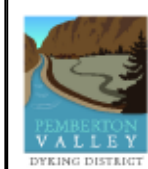


Legend

- - - KWL 2011
- KWL 2000
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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1:1000 Horizontal, 1:100 Vertical
Scale in Metres

Project No. 713.057	Date September 2011
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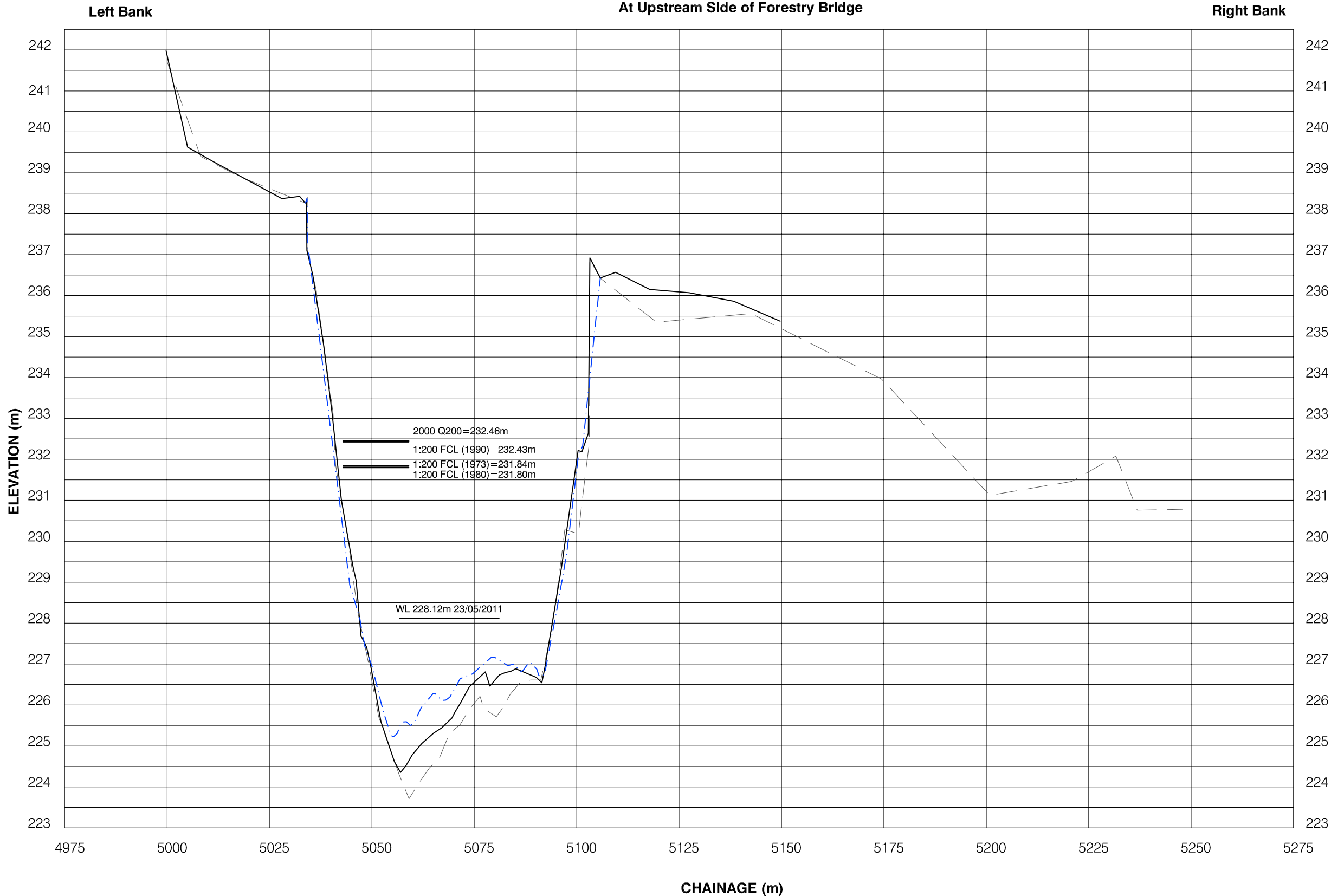
Lillooet River
Cross-Section
XS 51.1

Flood Level Data from Floodplain Maps 5022-10, 5022-10A, 88-44-11

7:13.057 Drawings\CrossSection\Plots\XS51.1-2011.dwg Oct.13/11

LILLOOET RIVER
At Upstream Side of Forestry Bridge

Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

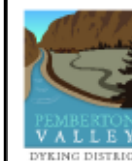


Legend

- - - KWL 2011
- KWL 2000
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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Lillooet River
Cross-Section
XS 51.2

Flood Level Data from Floodplain Maps 5022-10, 5022-10A, 88-44-11

Oct.13/11

713.057 Drawings\CrossSectionPlots\XS51-2-2011.dwg

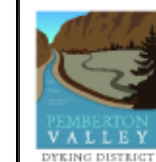
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1971

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



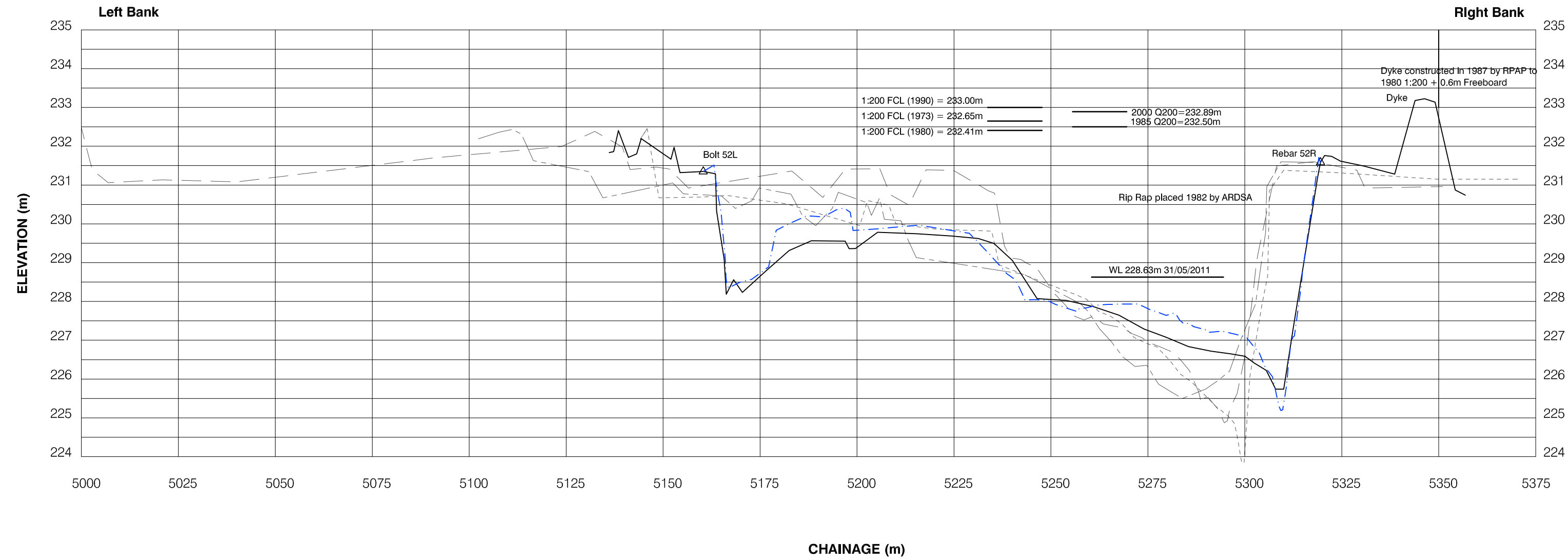
kwl KERR WOOD LEIDAL
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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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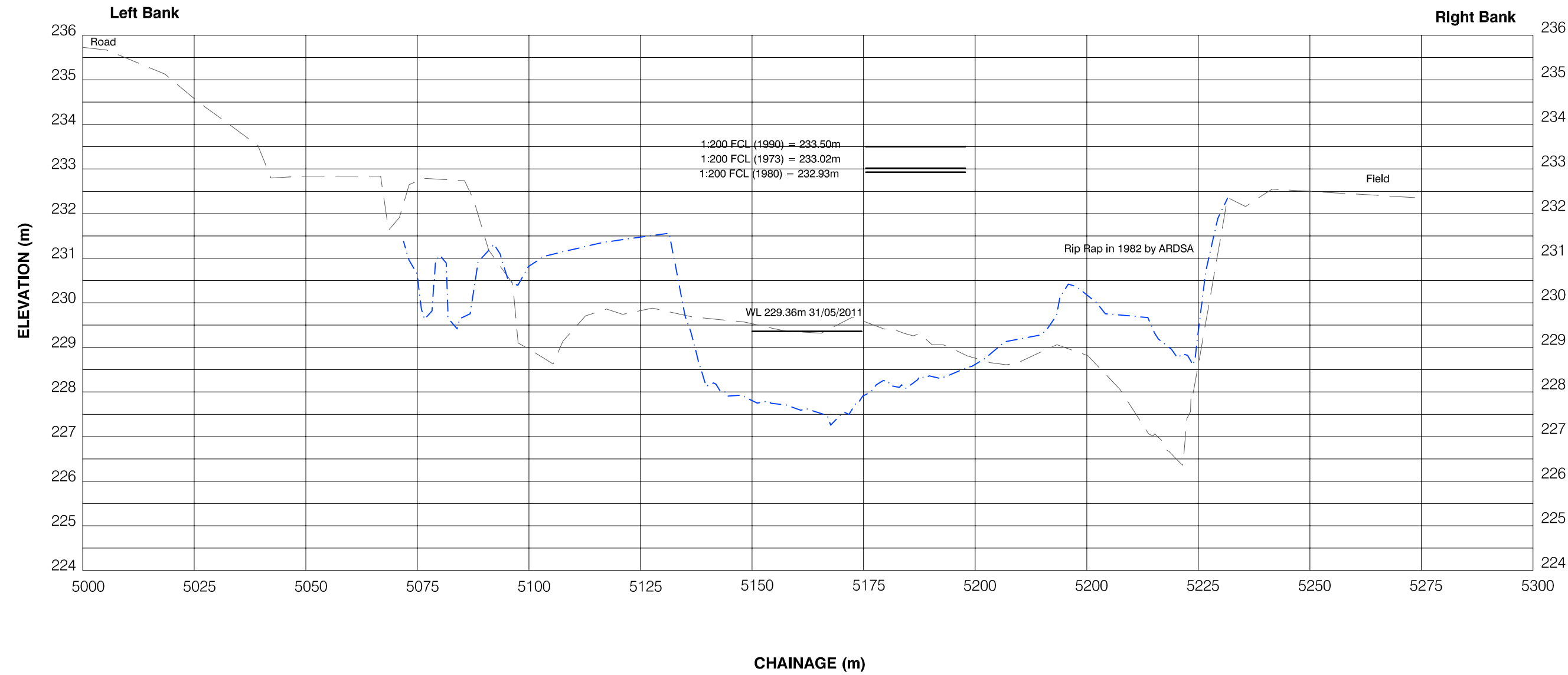
**Lillooet River
Cross-Section
XS 52**

LILLOOET RIVER



LILLOOET RIVER

Downstream of Wolverine Creek Confluence



Flood Level Data from Floodplain Maps 5022-10, 5022-10A & 88-44-11

Legend

- - - KWL 2011
- - - WMB Victoria 1985

Notes:

1. Data source for all but 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.



1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 52.2**

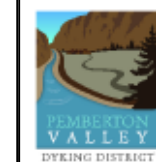
Pemberton Valley Dyking District
2011 Lillooet River Survey
Cross Section and
Bathymetric Survey

Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1985
- WMB Victoria 1978
- WMB Victoria 1971

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



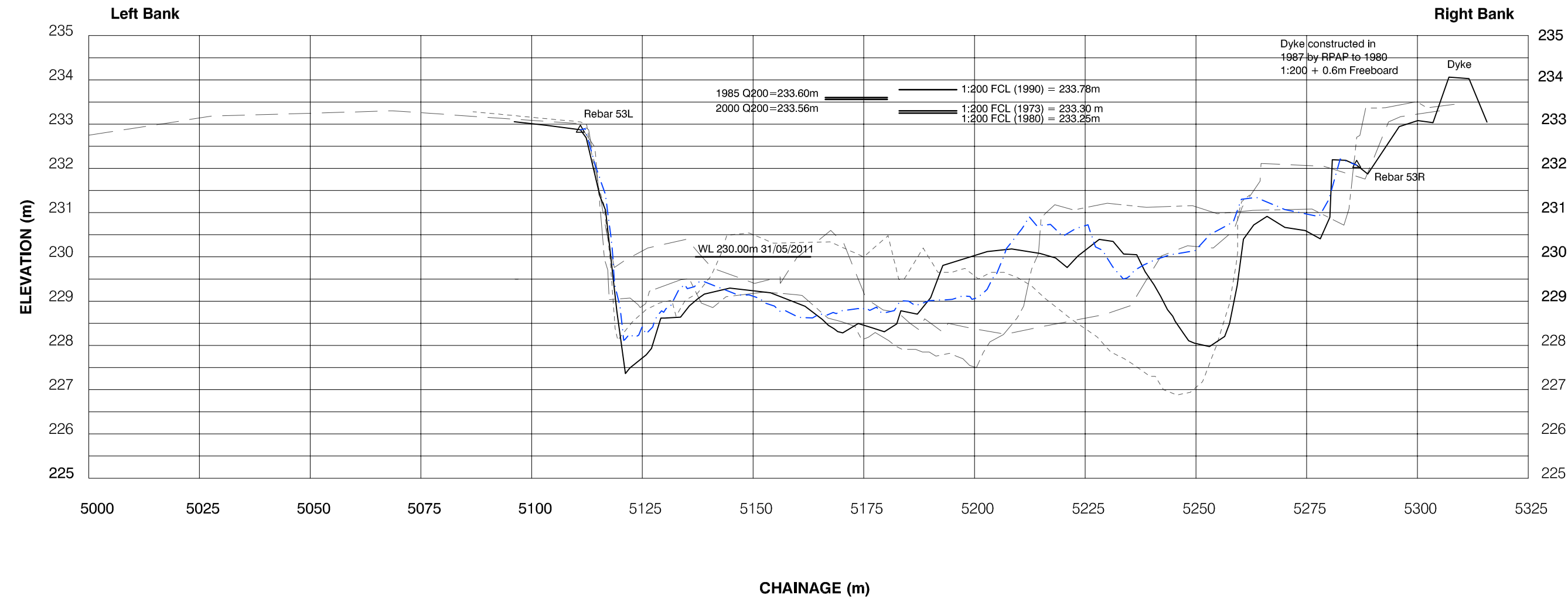
KWL KERR WOOD LEIDAL
associates limited
CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
Cross-Section
XS 53**

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-10, 5022-10A,88-44-11

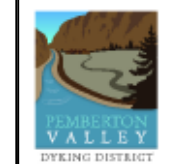
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

--- KWL 2011

Notes:

1. Elevations are Geodetic GD HT2.0
2. Cross section survey conducted between May and June 2011.
3. New cross section in 2011. No previous cross section data for comparison.



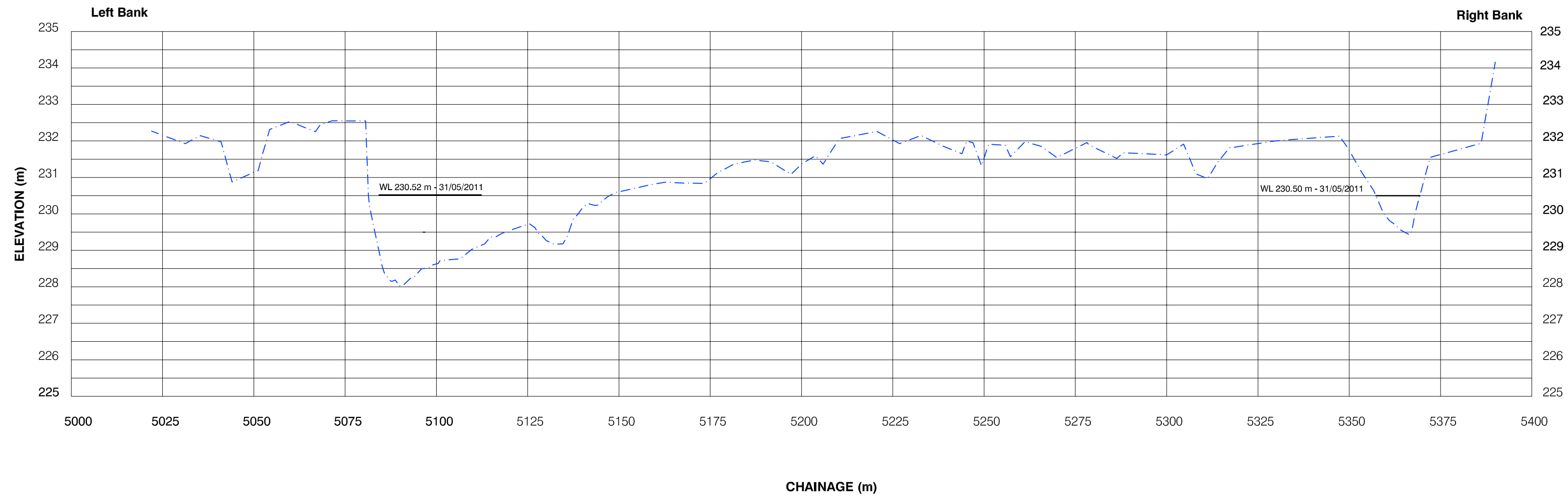
kwl KERR WOOD LEIDAL
 associates limited
 CONSULTING ENGINEERS

1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 53.1X**

LILLOOET RIVER



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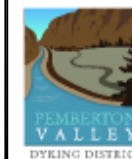
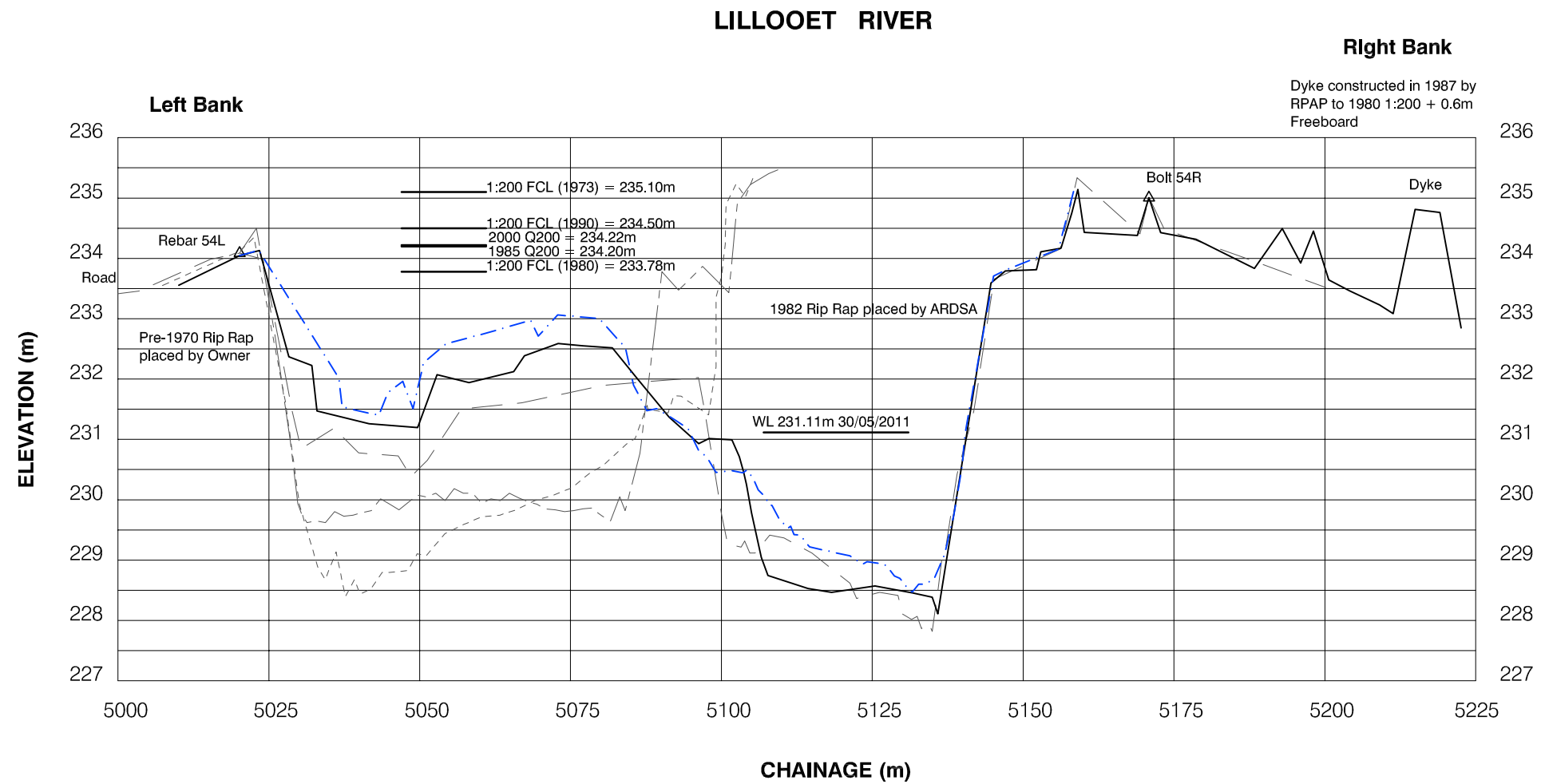
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1971

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 54**

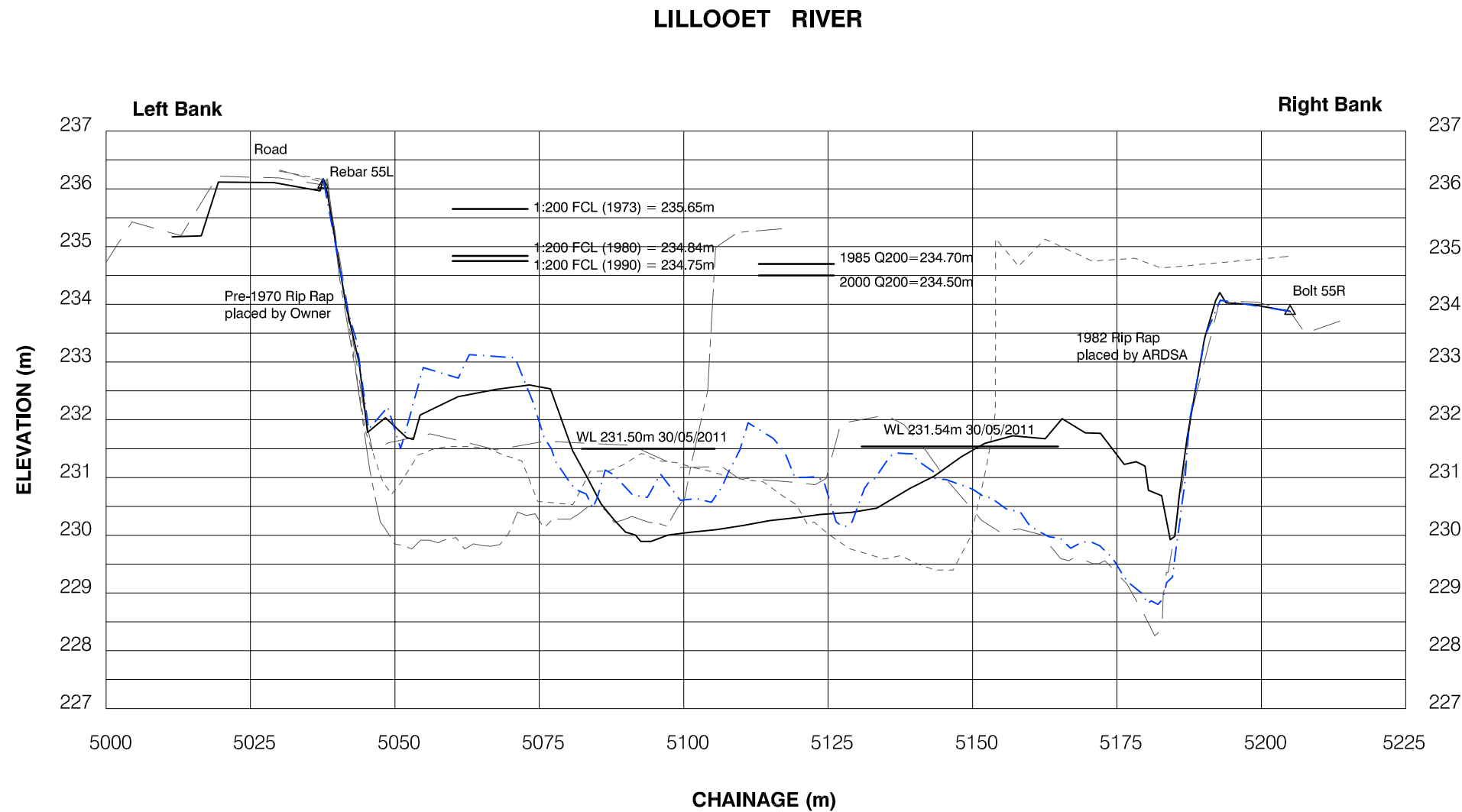
Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

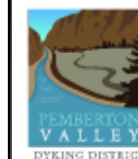
- - - - - KWL 2011
- KWL 2000
- - - - - WMB Victoria 1985
- - - - - WMB Victoria 1978
- - - - - WMB Victoria 1971

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. Cross section survey conducted between May and June 2011.
4. All Q200 levels are metres Geodetic and exclude freeboard.



Flood Level Data from Floodplain Maps 5022-10, 5022-10A, 88-44-11



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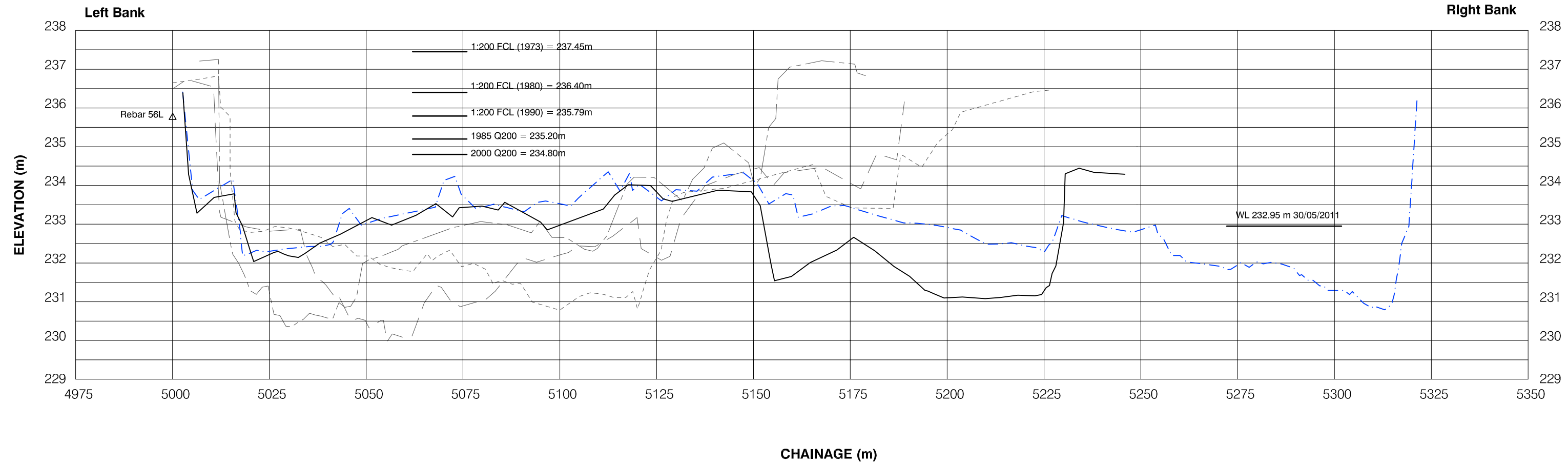
1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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**Lillooet River
 Cross-Section
 XS 55**

713.057\Drawings\CrossSection\Plot\XS56-2011.dwg Oct.13/11

LILLOOET RIVER



Flood Level Data from Floodplain Maps 5022-10, 5022-10A, 88-44-11

Pemberton Valley Dyking District
 2011 Lillooet River Survey
 Cross Section and
 Bathymetric Survey

Legend

- KWL 2011
- KWL 2000
- - - WMB Victoria 1985
- WMB Victoria 1978
- WMB Victoria 1971

Notes:

1. Data source for all but 2000 & 2011 survey, MoELP.
2. Elevations are Geodetic GD HT2.0
3. 2000 & 2011 Survey alignment for this cross section could vary from previous surveys and may not be directly comparable.
4. Cross section survey conducted between May and June 2011.
5. All Q200 levels are metres Geodetic and exclude freeboard.



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1:1000 Horizontal, 1:100 Vertical

Project No. 713.057	Date September 2011
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Lillooet River
Cross-Section
XS 56



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consulting engineers

Appendix D

Cross Section Point Data

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI00.2				
145.72	5571995.62	527793.29	197.73	SPOT
149.32	5571992.58	527791.35	197.68	CRK/TOP
150.43	5571991.66	527790.75	196.09	EWAT/1139/110529
151.01	5571991.17	527790.44	195.60	SNDG
151.87	5571990.44	527789.98	195.11	SNDG
152.39	5571990.00	527789.69	194.79	SNDG
153.33	5571989.21	527789.19	193.77	SNDG
153.45	5571989.11	527789.13	193.23	SNDG
154.00	5571988.65	527788.83	193.98	SNDG
154.77	5571988.00	527788.42	193.63	SNDG
155.95	5571987.00	527787.78	193.34	SNDG
157.39	5571985.79	527787.00	193.28	SNDG
159.52	5571984.00	527785.86	193.09	SNDG
161.89	5571982.00	527784.58	193.04	SNDG
163.08	5571981.00	527783.94	193.13	SNDG
167.83	5571977.00	527781.38	193.69	SNDG
168.82	5571976.16	527780.84	193.76	SNDG
171.39	5571974.00	527779.46	193.79	SNDG
173.17	5571972.50	527778.50	193.73	SNDG
174.95	5571971.00	527777.54	193.59	SNDG
176.06	5571970.06	527776.94	193.63	SNDG
180.88	5571966.00	527774.34	194.02	SNDG
184.45	5571963.00	527772.42	194.38	SNDG
185.63	5571962.00	527771.78	194.40	SNDG
188.00	5571960.01	527770.51	194.34	SNDG
193.94	5571955.00	527767.30	194.63	SNDG
196.32	5571953.00	527766.02	194.55	SNDG
199.88	5571950.00	527764.10	194.52	SNDG
204.63	5571946.00	527761.54	194.69	SNDG
205.81	5571945.00	527760.90	194.84	SNDG
207.49	5571943.59	527760.00	194.92	SNDG
210.56	5571941.00	527758.35	194.99	SNDG
214.12	5571938.00	527756.43	194.98	SNDG
218.87	5571934.00	527753.87	195.09	SNDG
221.25	5571932.00	527752.59	195.12	SNDG
223.84	5571929.81	527751.19	195.04	SNDG
224.81	5571929.00	527750.67	194.99	SNDG
226.05	5571927.96	527750.00	194.83	SNDG
227.18	5571927.00	527749.39	194.88	SNDG
230.74	5571924.00	527747.47	195.21	SNDG
234.31	5571921.00	527745.55	195.39	SNDG
235.49	5571920.00	527744.91	195.38	SNDG
239.04	5571917.02	527743.00	195.20	SNDG
241.43	5571915.00	527741.71	195.43	SNDG
241.94	5571914.57	527741.43	195.44	SNDG
242.62	5571914.00	527741.07	195.45	SNDG
243.80	5571913.00	527740.43	195.37	SNDG
246.18	5571911.00	527739.15	195.45	SNDG
249.18	5571908.47	527737.53	195.35	SNDG
250.93	5571907.00	527736.59	195.42	SNDG
252.11	5571906.00	527735.95	195.42	SNDG
255.68	5571903.00	527734.03	195.24	SNDG
262.21	5571897.49	527730.51	195.12	SNDG
263.98	5571896.00	527729.56	195.04	SNDG
266.36	5571894.00	527728.28	194.83	SNDG
268.73	5571892.01	527727.00	194.76	SNDG
271.11	5571890.00	527725.72	194.88	SNDG
273.80	5571887.73	527724.27	194.87	SNDG
274.67	5571887.00	527723.80	194.89	SNDG
275.00	5571886.72	527723.62	194.93	SNDG
275.80	5571886.05	527723.19	194.84	SNDG
276.54	5571885.43	527722.79	195.11	SNDG
277.59	5571884.54	527722.22	195.32	SNDG
278.27	5571883.97	527721.86	195.71	SNDG
279.51	5571882.92	527721.19	196.09	EWAT/1115/110529
281.41	5571881.32	527720.16	197.23	GRAV/BAR
282.81	5571880.14	527719.41	197.53	GRAV/BAR
287.76	5571875.97	527716.74	197.51	GRAV/BAR
293.42	5571871.20	527713.69	197.39	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
300.14	5571865.55	527710.07	197.34	GRAV/BAR
303.73	5571862.52	527708.14	196.88	GRAV/BAR
305.65	5571860.90	527707.10	197.23	GRAV/BAR
311.02	5571856.38	527704.21	197.18	GRAV/BAR
314.91	5571853.10	527702.11	196.81	GRAV/BAR
317.01	5571851.34	527700.98	197.63	GRAV/BAR
320.19	5571848.66	527699.27	198.07	GRAV/BAR
362.92	5571812.66	527676.24	197.32	GRAV/BAR
366.44	5571809.70	527674.34	197.36	GRAV/BAR
367.78	5571808.57	527673.62	196.97	GRAV/BAR
371.91	5571805.09	527671.39	196.70	GRAV/BAR
378.64	5571799.42	527667.77	196.82	GRAV/BAR
383.67	5571795.19	527665.06	196.87	GRAV/BAR
394.17	5571786.34	527659.40	196.65	GRAV/BAR
397.59	5571783.46	527657.55	196.39	GRAV/BAR
406.92	5571775.60	527652.53	196.33	GRAV/BAR
414.16	5571769.50	527648.62	196.23	GRAV/BAR
415.32	5571768.52	527648.00	196.82	GRAV/BAR
418.21	5571766.08	527646.44	197.28	GRAV/BAR
424.08	5571761.15	527643.28	197.50	GRAV/BAR
431.34	5571755.03	527639.36	197.63	GRAV/BAR
446.26	5571742.46	527631.32	197.28	GRAV/BAR
458.62	5571732.05	527624.66	197.27	GRAV/BAR
461.03	5571730.02	527623.36	196.91	GRAV/BAR
465.69	5571726.09	527620.85	196.91	GRAV/BAR
468.17	5571724.01	527619.52	197.24	GRAV/BAR
472.21	5571720.60	527617.34	197.43	GRAV/BAR
473.60	5571719.43	527616.59	197.23	GRAV/BAR
645.09	5571574.97	527524.17	198.20	GRAV/BAR
647.99	5571572.54	527522.61	198.04	GRAV/BAR
649.82	5571570.99	527521.62	197.19	GRAV/BAR
649.95	5571570.88	527521.55	197.30	GRAV/BAR
651.64	5571569.46	527520.64	197.09	GRAV/BAR
652.87	5571568.42	527519.97	197.16	GRAV/BAR
655.08	5571566.56	527518.78	196.69	GRAV/BAR
656.00	5571565.79	527518.29	196.44	GRAV/BAR
657.53	5571564.49	527517.46	196.30	GRAV/BAR
660.39	5571562.09	527515.92	196.08	GRAV/BAR
663.40	5571559.55	527514.30	196.26	GRAV/BAR
666.16	5571557.23	527512.81	195.95	EWAT/1427/110529
668.58	5571555.19	527511.51	195.75	SNDG
671.68	5571552.58	527509.84	195.73	SNDG
676.13	5571548.83	527507.44	195.61	SNDG
678.03	5571547.23	527506.41	195.45	SNDG
679.55	5571545.95	527505.60	195.13	SNDG
681.17	5571544.58	527504.72	194.92	SNDG
682.84	5571543.18	527503.83	194.72	SNDG
691.49	5571535.89	527499.16	194.36	SNDG
692.22	5571535.27	527498.77	194.66	SNDG
693.12	5571534.52	527498.28	195.13	SNDG
693.64	5571534.08	527498.00	195.48	SNDG
694.97	5571532.96	527497.29	195.95	EWAT/1452/110529
697.11	5571531.15	527496.13	197.85	SPOT
698.72	5571529.80	527495.27	199.15	CRK/TOP
701.35	5571527.58	527493.85	198.94	ROAD
702.48	5571526.64	527493.24	198.95	ROAD CL 5M

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI00.3				
0.00	5572564.95	527233.13	199.32	BOLT/LI0.3L
5.09	5572560.07	527234.59	199.25	SPOT
9.29	5572556.05	527235.79	197.82	SPOT
18.10	5572547.61	527238.32	197.36	SPOT
23.58	5572542.36	527239.89	197.68	SPOT
25.74	5572540.28	527240.51	197.01	SPOT
27.15	5572538.93	527240.91	197.06	SPOT
29.88	5572536.32	527241.69	196.81	SPOT
37.48	5572529.04	527243.87	197.06	SPOT
45.64	5572521.23	527246.21	196.76	SPOT
46.57	5572520.34	527246.47	196.71	SPOT
49.84	5572517.20	527247.41	196.87	SPOT
55.55	5572511.73	527249.05	196.86	SPOT
68.68	5572499.15	527252.81	196.61	SPOT
71.66	5572496.29	527253.67	196.68	SPOT
76.97	5572491.21	527255.19	196.51	SPOT
79.02	5572489.25	527255.77	196.61	SPOT
82.34	5572486.06	527256.73	196.62	SPOT
86.86	5572481.73	527258.02	196.36	SPOT
92.24	5572476.57	527259.56	196.31	SPOT
95.81	5572473.15	527260.59	196.39	SPOT
99.21	5572469.90	527261.56	196.44	SPOT
103.13	5572466.14	527262.68	196.66	SPOT
103.89	5572465.41	527262.90	197.04	SPOT
109.70	5572459.85	527264.57	197.20	SPOT
112.40	5572457.26	527265.34	197.26	SPOT
114.47	5572455.27	527265.94	196.68	SPOT
116.71	5572453.13	527266.58	196.59	SPOT
119.44	5572450.51	527267.36	196.44	SPOT
120.60	5572449.41	527267.69	196.16	EWAT/1202/110528
122.00	5572448.06	527268.09	196.04	SNDG
125.51	5572444.71	527269.10	195.72	SNDG
126.24	5572444.00	527269.31	195.70	SNDG
130.82	5572439.62	527270.62	195.66	SNDG
130.84	5572439.59	527270.63	195.66	SNDG
135.64	5572435.00	527272.00	195.69	SNDG
136.80	5572433.89	527272.33	195.70	SNDG
137.72	5572433.00	527272.60	195.56	SNDG
137.93	5572432.80	527272.66	195.53	SNDG
139.81	5572431.00	527273.20	195.58	SNDG
141.90	5572429.00	527273.79	195.53	SNDG
142.75	5572428.19	527274.04	195.53	SNDG
143.99	5572427.00	527274.39	195.60	SNDG
144.78	5572426.24	527274.62	195.65	SNDG
145.90	5572425.17	527274.94	195.82	SNDG
146.06	5572425.01	527274.99	195.81	SNDG
147.12	5572424.00	527275.29	195.77	SNDG
148.13	5572423.04	527275.58	195.73	SNDG
148.16	5572423.00	527275.59	195.80	SNDG
149.00	5572422.20	527275.83	195.98	SNDG
149.91	5572421.33	527276.09	196.18	EWAT/1245/110528
150.81	5572420.47	527276.35	196.54	SPOT
152.39	5572418.95	527276.80	198.30	CRK/TOP
155.04	5572416.41	527277.56	198.26	ATEK/SPIKE
267.08	5572306.84	527300.93	198.01	BOLT/LI0.3M
360.07	5572219.12	527270.04	198.44	SPOT
366.11	5572213.43	527268.04	198.09	SPOT
371.51	5572208.33	527266.24	198.44	SPOT
376.28	5572203.83	527264.66	198.45	CRK/TOP
377.30	5572202.87	527264.32	197.67	SPOT
379.10	5572201.17	527263.72	197.79	SPOT
382.56	5572197.91	527262.57	197.50	SPOT
384.91	5572195.70	527261.79	196.87	SPOT
389.99	5572190.91	527260.10	196.86	SPOT
395.55	5572185.66	527258.26	196.65	SPOT
398.66	5572182.73	527257.22	196.38	EWAT/1436/110528
399.25	5572182.16	527257.03	195.98	SNDG
399.87	5572181.58	527256.82	195.89	SNDG
401.76	5572179.80	527256.19	196.15	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
405.27	5572176.49	527255.03	196.02	SNDG
406.51	5572175.32	527254.62	195.64	SNDG
407.00	5572174.86	527254.45	195.68	SNDG
408.03	5572173.89	527254.11	195.67	SNDG
413.21	5572169.00	527252.39	195.80	SNDG
415.87	5572166.49	527251.51	195.69	SNDG
417.45	5572165.00	527250.98	195.57	SNDG
418.51	5572164.00	527250.63	195.65	SNDG
420.63	5572162.00	527249.93	195.50	SNDG
422.93	5572159.84	527249.16	195.53	SNDG
425.93	5572157.00	527248.17	195.31	SNDG
426.99	5572156.00	527247.81	195.36	SNDG
428.05	5572155.00	527247.46	195.33	SNDG
434.41	5572149.00	527245.35	195.40	SNDG
437.59	5572146.00	527244.29	195.49	SNDG
440.77	5572143.00	527243.24	195.45	SNDG
442.00	5572141.84	527242.83	195.51	SNDG
443.07	5572140.84	527242.47	195.57	SNDG
444.81	5572139.19	527241.90	195.65	SNDG
446.33	5572137.76	527241.39	195.73	SNDG
447.66	5572136.51	527240.95	195.89	SNDG
449.64	5572134.64	527240.29	196.07	SNDG
452.12	5572132.30	527239.47	196.09	SNDG
454.64	5572129.92	527238.63	196.25	SNDG
456.14	5572128.51	527238.13	196.37	EWAT/1418/110528
457.21	5572127.50	527237.78	196.42	SPOT
461.85	5572123.12	527236.24	196.39	GRAV/BAR
467.37	5572117.92	527234.40	196.56	GRAV/BAR
472.14	5572113.42	527232.82	196.61	GRAV/BAR
480.76	5572105.29	527229.96	196.63	GRAV/BAR
488.59	5572097.90	527227.36	196.57	GRAV/BAR
494.23	5572092.58	527225.48	196.52	GRAV/BAR
498.61	5572088.45	527224.03	196.37	EWAT/1421/110528
503.16	5572084.16	527222.52	196.13	SNDG
504.58	5572082.82	527222.05	196.12	SNDG
509.27	5572078.39	527220.49	195.99	SNDG
514.93	5572073.05	527218.61	195.88	SNDG
520.59	5572067.72	527216.73	195.76	SNDG
521.00	5572067.33	527216.59	195.77	SNDG
522.41	5572066.00	527216.12	195.79	SNDG
530.35	5572058.51	527213.49	195.67	SNDG
533.00	5572056.01	527212.61	195.69	SNDG
537.25	5572052.00	527211.19	195.59	SNDG
540.54	5572048.90	527210.10	195.57	SNDG
549.16	5572040.76	527207.24	195.28	SNDG
554.21	5572036.00	527205.56	195.25	SNDG
557.39	5572033.00	527204.50	195.18	SNDG
560.93	5572029.67	527203.33	195.04	SNDG
563.28	5572027.45	527202.55	194.82	SNDG
564.85	5572025.97	527202.03	194.89	SNDG
570.12	5572021.00	527200.28	194.84	SNDG
572.24	5572019.00	527199.57	194.59	SNDG
574.36	5572017.00	527198.87	194.74	SNDG
577.54	5572014.00	527197.81	194.72	SNDG
579.66	5572012.00	527197.11	194.45	SNDG
580.72	5572011.00	527196.76	194.39	SNDG
583.66	5572008.22	527195.78	194.46	SNDG
584.45	5572007.48	527195.52	194.52	SNDG
586.00	5572006.02	527195.00	194.50	SNDG
587.08	5572005.00	527194.64	194.41	SNDG
589.00	5572003.19	527194.01	194.41	SNDG
591.32	5572001.00	527193.24	194.57	SNDG
593.44	5571999.00	527192.53	194.58	SNDG
596.62	5571996.00	527191.48	194.73	SNDG
597.48	5571995.19	527191.19	194.49	SNDG
599.80	5571993.00	527190.42	194.01	SNDG
600.86	5571992.00	527190.07	193.90	SNDG
601.92	5571991.00	527189.72	194.08	SNDG
602.98	5571990.00	527189.36	194.12	SNDG
604.03	5571989.02	527189.02	194.27	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
605.10	5571988.00	527188.66	194.28	SNDG
607.08	5571986.13	527188.00	194.09	SNDG
607.97	5571985.29	527187.71	193.93	SNDG
609.34	5571984.00	527187.25	193.79	SNDG
612.68	5571980.86	527186.14	193.23	SNDG
613.58	5571980.00	527185.84	193.26	SNDG
614.64	5571979.00	527185.49	193.49	SNDG
615.70	5571978.00	527185.14	194.17	SNDG
616.00	5571977.72	527185.04	194.48	SNDG
616.04	5571977.68	527185.03	194.62	SNDG
616.82	5571976.95	527184.77	195.26	SNDG
617.71	5571976.10	527184.47	196.38	EWAT/1502/110528
619.21	5571974.69	527183.97	197.29	SPOT
623.41	5571970.89	527182.21	198.56	CRK/TOP
625.13	5571969.38	527181.41	198.58	SPOT
660.96	5571939.47	527161.74	198.35	CRK/TOP
663.47	5571937.40	527160.32	196.16	EWAT/1533/110528
664.11	5571936.87	527159.96	195.64	SNDG
666.09	5571935.24	527158.84	195.33	SNDG
666.99	5571934.49	527158.32	195.26	SNDG
669.20	5571932.67	527157.08	195.92	SNDG
674.38	5571928.39	527154.14	195.90	SNDG
682.21	5571921.94	527149.72	195.75	SNDG
686.87	5571918.10	527147.08	195.79	SNDG
690.25	5571915.31	527145.17	195.95	SNDG
691.88	5571913.97	527144.25	196.04	SNDG
692.66	5571913.32	527143.80	196.17	EWAT/1539/110528
694.23	5571912.03	527142.92	196.44	SPOT
694.99	5571911.40	527142.49	196.47	SPOT
697.63	5571909.23	527140.99	197.61	SPOT
701.30	5571906.20	527138.92	197.76	SPOT
704.25	5571903.77	527137.25	197.96	SPOT
706.37	5571902.02	527136.05	197.42	SPOT
707.45	5571901.12	527135.43	197.20	SPOT
709.41	5571899.51	527134.33	197.59	SPOT
711.51	5571897.78	527133.14	198.54	CRK/TOP
715.07	5571894.85	527131.13	198.23	SPOT
716.65	5571893.54	527130.23	198.31	BOLT/LI0.3R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI01				
16.00	5572485.98	526447.65	200.19	CRK/TOP
18.68	5572483.55	526446.51	199.58	SPOT
20.40	5572482.00	526445.77	198.39	SPOT
23.44	5572479.25	526444.48	196.91	EWAT/1655/110527
25.63	5572477.27	526443.54	195.89	SNDG
26.68	5572476.32	526443.09	195.15	SNDG
28.49	5572474.68	526442.32	194.78	SNDG
29.25	5572474.00	526441.99	194.71	SNDG
30.00	5572473.33	526441.68	194.48	SNDG
31.50	5572471.97	526441.03	193.84	SNDG
32.57	5572471.00	526440.58	193.48	SNDG
33.75	5572469.93	526440.07	192.89	SNDG
34.78	5572469.00	526439.63	192.54	SNDG
35.25	5572468.57	526439.43	192.30	SNDG
35.89	5572468.00	526439.16	192.08	SNDG
36.76	5572467.21	526438.79	191.93	SNDG
38.26	5572465.85	526438.15	191.88	SNDG
39.01	5572465.18	526437.83	191.93	SNDG
43.52	5572461.10	526435.90	192.54	SNDG
45.02	5572459.74	526435.26	192.56	SNDG
47.27	5572457.70	526434.30	192.67	SNDG
50.26	5572455.00	526433.02	193.20	SNDG
53.28	5572452.27	526431.73	193.31	SNDG
54.03	5572451.59	526431.41	193.39	SNDG
54.78	5572450.91	526431.09	193.37	SNDG
55.54	5572450.23	526430.77	193.47	SNDG
56.29	5572449.55	526430.45	193.47	SNDG
57.79	5572448.20	526429.80	193.57	SNDG
58.54	5572447.52	526429.48	193.49	SNDG
59.29	5572446.84	526429.16	193.56	SNDG
60.04	5572446.16	526428.84	193.48	SNDG
60.79	5572445.48	526428.52	193.55	SNDG
61.54	5572444.80	526428.20	193.49	SNDG
63.80	5572442.76	526427.24	193.53	SNDG
64.55	5572442.08	526426.92	193.84	SNDG
66.80	5572440.05	526425.95	194.29	SNDG
68.30	5572438.69	526425.31	194.39	SNDG
70.56	5572436.65	526424.35	194.85	SNDG
73.56	5572433.93	526423.07	195.22	SNDG
75.06	5572432.58	526422.43	195.28	SNDG
77.91	5572430.00	526421.21	195.08	SNDG
83.44	5572425.00	526418.85	195.13	SNDG
85.42	5572423.21	526418.00	195.10	SNDG
86.33	5572422.39	526417.61	195.15	SNDG
88.58	5572420.35	526416.65	195.14	SNDG
95.61	5572414.00	526413.65	195.42	SNDG
99.10	5572410.84	526412.16	195.38	SNDG
100.60	5572409.48	526411.52	195.49	SNDG
101.35	5572408.81	526411.20	195.61	SNDG
102.11	5572408.13	526410.87	195.67	SNDG
105.11	5572405.41	526409.59	195.63	SNDG
109.62	5572401.33	526407.67	195.84	SNDG
113.37	5572397.94	526406.06	195.88	SNDG
114.59	5572396.83	526405.54	195.89	SNDG
114.62	5572396.81	526405.53	195.96	SNDG
117.23	5572394.45	526404.41	196.01	SNDG
119.21	5572392.66	526403.57	196.18	SNDG
120.93	5572391.10	526402.83	196.50	SNDG
124.18	5572388.17	526401.45	196.82	EWAT/1702/110527
128.42	5572384.33	526399.63	197.04	GRAV/BAR
134.84	5572378.53	526396.89	197.08	GRAV/BAR
141.91	5572372.13	526393.87	197.04	GRAV/BAR
147.28	5572367.28	526391.58	196.91	EWAT/1706/110527
150.66	5572364.23	526390.14	196.77	SNDG
153.11	5572362.00	526389.09	196.81	SNDG
157.78	5572357.78	526387.09	196.77	SNDG
159.37	5572356.35	526386.41	196.53	SNDG
160.12	5572355.67	526386.09	196.51	SNDG
160.79	5572355.06	526385.81	196.75	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
161.21	5572354.68	526385.63	196.90	EWAT/1709/110527
165.11	5572351.15	526383.96	197.42	GRAV/BAR
169.04	5572347.61	526382.29	198.18	GRAV/BAR
182.83	5572335.13	526376.39	198.42	GRAV/BAR
188.89	5572329.66	526373.81	198.49	GRAV/BAR
192.16	5572326.70	526372.41	198.36	GRAV/BAR
193.83	5572325.19	526371.70	197.94	GRAV/BAR
199.70	5572319.88	526369.19	197.51	GRAV/BAR
202.66	5572317.20	526367.92	197.70	GRAV/BAR
205.34	5572314.78	526366.78	197.85	GRAV/BAR
208.94	5572311.53	526365.24	198.49	GRAV/BAR
213.19	5572307.69	526363.43	198.50	GRAV/BAR
219.32	5572302.14	526360.81	197.88	GRAV/BAR
225.64	5572296.43	526358.11	197.74	GRAV/BAR
231.40	5572291.22	526355.65	197.80	GRAV/BAR
242.67	5572281.03	526350.83	197.57	GRAV/BAR
251.99	5572272.60	526346.85	197.61	GRAV/BAR
256.01	5572268.96	526345.13	197.52	GRAV/BAR
257.22	5572267.87	526344.62	197.75	GRAV/BAR
261.44	5572264.06	526342.81	197.13	GRAV/BAR
269.92	5572256.39	526339.20	197.27	GRAV/BAR
271.14	5572255.28	526338.67	197.13	GRAV/BAR
272.32	5572254.22	526338.17	196.80	EWAT/1721/110527
273.21	5572253.42	526337.79	196.64	SNDG
274.08	5572252.63	526337.42	196.62	SNDG
275.52	5572251.33	526336.80	196.33	SNDG
276.07	5572250.83	526336.57	196.27	SNDG
276.87	5572250.11	526336.23	196.31	SNDG
277.80	5572249.26	526335.83	196.35	SNDG
278.13	5572248.96	526335.69	196.78	EWAT/1736/110527
280.46	5572246.86	526334.69	198.38	SPOT
281.67	5572245.76	526334.17	198.59	SPOT
282.15	5572245.33	526333.97	199.00	CRK/TOP
284.77	5572242.96	526332.85	199.09	SPOT
287.93	5572240.11	526331.50	198.55	SPOT
292.55	5572235.93	526329.53	198.59	SPOT
295.41	5572233.35	526328.31	198.93	SPOT
296.62	5572232.25	526327.79	200.32	REBAR/LI1R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI01.1				
0.00	5572660.14	525853.09	201.06	ATEK/237/REBAR/LI1.1L/NF
4.65	5572655.54	525853.76	197.37	SPOT
5.23	5572654.96	525853.85	197.15	EWAT/1448/110527
6.48	5572653.73	525854.03	196.42	SNDG
7.11	5572653.10	525854.12	196.16	SNDG
7.95	5572652.28	525854.24	195.32	SNDG
9.00	5572651.24	525854.39	195.06	SNDG
9.24	5572651.00	525854.42	194.94	SNDG
10.25	5572650.00	525854.57	194.28	SNDG
11.26	5572649.00	525854.72	193.80	SNDG
12.27	5572648.00	525854.86	193.75	SNDG
13.28	5572647.00	525855.01	193.78	SNDG
14.29	5572646.00	525855.16	193.88	SNDG
15.30	5572645.00	525855.30	194.07	SNDG
16.31	5572644.00	525855.45	194.14	SNDG
17.32	5572643.00	525855.59	194.35	SNDG
18.33	5572642.00	525855.74	194.41	SNDG
20.35	5572640.00	525856.03	194.38	SNDG
21.36	5572639.00	525856.18	194.45	SNDG
22.38	5572638.00	525856.32	194.42	SNDG
24.40	5572636.00	525856.62	194.51	SNDG
25.41	5572635.00	525856.76	194.70	SNDG
26.42	5572634.00	525856.91	194.80	SNDG
27.43	5572633.00	525857.05	194.80	SNDG
29.45	5572631.00	525857.35	194.94	SNDG
31.79	5572628.68	525857.68	195.26	SNDG
36.52	5572624.00	525858.37	195.53	SNDG
37.53	5572623.00	525858.51	195.66	SNDG
39.56	5572621.00	525858.81	196.04	SNDG
40.57	5572620.00	525858.95	196.16	SNDG
45.62	5572615.00	525859.68	196.38	SNDG
49.66	5572611.00	525860.27	196.49	SNDG
62.65	5572598.15	525862.15	196.55	SNDG
73.92	5572587.00	525863.77	196.51	SNDG
76.95	5572584.00	525864.21	196.43	SNDG
87.05	5572574.00	525865.67	196.37	SNDG
89.08	5572572.00	525865.96	196.26	SNDG
94.13	5572567.00	525866.70	196.13	SNDG
98.17	5572563.00	525867.28	196.14	SNDG
100.19	5572561.00	525867.57	196.02	SNDG
104.24	5572557.00	525868.16	195.88	SNDG
107.27	5572554.00	525868.59	195.92	SNDG
110.30	5572551.00	525869.03	195.75	SNDG
113.33	5572548.00	525869.47	195.74	SNDG
115.35	5572546.00	525869.76	195.62	SNDG
117.32	5572544.05	525870.05	195.60	SNDG
123.44	5572538.00	525870.93	195.73	SNDG
130.51	5572531.00	525871.95	196.04	SNDG
134.55	5572527.00	525872.54	196.06	SNDG
136.57	5572525.00	525872.83	196.01	SNDG
137.59	5572524.00	525872.98	195.91	SNDG
137.78	5572523.81	525873.00	195.89	SNDG
138.86	5572522.74	525873.16	196.44	SNDG
141.31	5572520.32	525873.51	197.11	EWAT/1456/110527
142.00	5572519.64	525873.61	197.37	SPOT
142.72	5572518.92	525873.72	198.68	SPOT
144.24	5572517.41	525873.94	199.59	CRK/TOP
150.13	5572511.59	525874.79	199.43	SPOT
162.82	5572499.04	525876.62	199.28	SPOT
166.81	5572495.08	525877.20	199.70	SPOT
178.31	5572483.70	525878.86	199.04	SPOT
194.03	5572468.15	525881.14	198.56	SPOT
213.73	5572448.66	525883.98	199.41	SPOT
217.78	5572444.65	525884.57	198.35	SPOT
224.73	5572437.77	525885.57	199.01	CRK/TOP
227.13	5572435.39	525885.92	197.43	SPOT
227.49	5572435.04	525885.97	197.08	EWAT/1506/110527
227.73	5572434.80	525886.01	196.66	SNDG
228.43	5572434.11	525886.11	196.47	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
231.23	5572431.34	525886.51	196.65	SNDG
235.04	5572427.57	525887.06	196.86	SNDG
241.96	5572420.72	525888.06	197.04	EWAT/1509/110527
243.40	5572419.30	525888.27	197.14	SPOT
245.37	5572417.35	525888.56	197.87	SPOT
248.05	5572414.70	525888.94	198.56	SPOT
249.48	5572413.28	525889.15	198.46	SPOT
252.22	5572410.57	525889.55	198.70	SPOT
265.35	5572397.58	525891.44	198.10	SPOT
269.02	5572393.95	525891.97	198.96	SPOT
275.39	5572387.64	525892.90	199.46	CRK/TOP
280.20	5572382.89	525893.59	199.70	SPOT
295.82	5572367.43	525895.85	199.34	SPOT
304.45	5572358.89	525897.10	198.86	SPOT
317.69	5572345.79	525899.01	198.73	SPOT
320.57	5572342.94	525899.43	199.00	SPOT
324.01	5572339.54	525899.92	198.25	SPOT
325.92	5572337.65	525900.20	198.31	SPOT
327.24	5572336.33	525900.39	198.73	SPOT
328.32	5572335.26	525900.55	198.83	SPOT
331.34	5572332.28	525900.98	198.66	SPOT
332.36	5572331.28	525901.13	198.45	SPOT
333.99	5572329.66	525901.37	197.70	SPOT
336.75	5572326.92	525901.77	197.97	SPOT
339.35	5572324.35	525902.14	198.75	SPOT
341.65	5572322.08	525902.47	199.04	SPOT
345.29	5572318.48	525903.00	199.23	SPOT
349.08	5572314.73	525903.55	199.18	SPOT
351.07	5572312.76	525903.83	201.12	SPOT
357.89	5572306.01	525904.82	200.77	BOLT/LI1.1R/EL200.860

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI03				
0.00	5572062.59	524868.96	201.45	REBAR/LI3L/NF
5.31	5572057.79	524871.24	200.83	CRK/TOP
6.76	5572056.49	524871.86	200.12	SPOT
8.26	5572055.13	524872.51	198.63	SPOT
9.99	5572053.56	524873.25	197.70	EWAT/1328/110527
12.06	5572051.70	524874.14	197.00	SNDG
12.60	5572051.22	524874.37	196.96	SNDG
13.32	5572050.57	524874.68	196.48	SNDG
13.98	5572049.97	524874.97	196.44	SNDG
16.16	5572048.00	524875.91	196.37	SNDG
16.98	5572047.26	524876.26	196.28	SNDG
18.70	5572045.70	524877.00	196.46	SNDG
20.59	5572044.00	524877.81	196.57	SNDG
22.80	5572042.00	524878.77	196.88	SNDG
25.00	5572040.02	524879.71	197.03	SNDG
26.54	5572038.63	524880.37	197.05	SNDG
31.98	5572033.71	524882.71	196.85	SNDG
32.77	5572033.00	524883.05	196.88	SNDG
36.10	5572030.00	524884.48	196.77	SNDG
41.74	5572024.91	524886.91	196.82	SNDG
44.96	5572022.00	524888.30	196.72	SNDG
51.61	5572016.00	524891.16	196.63	SNDG
54.93	5572013.00	524892.59	196.49	SNDG
62.68	5572006.00	524895.92	196.30	SNDG
70.98	5571998.51	524899.49	196.20	SNDG
79.30	5571991.00	524903.07	195.91	SNDG
86.00	5571984.95	524905.95	195.54	SNDG
88.16	5571983.00	524906.88	195.52	SNDG
89.00	5571982.24	524907.24	195.40	SNDG
90.38	5571981.00	524907.83	195.41	SNDG
94.81	5571977.00	524909.74	195.02	SNDG
97.02	5571975.00	524910.69	194.94	SNDG
98.49	5571973.68	524911.33	195.04	SNDG
101.45	5571971.00	524912.60	195.05	SNDG
102.56	5571970.00	524913.08	194.98	SNDG
103.67	5571969.00	524913.55	194.82	SNDG
106.99	5571966.00	524914.98	194.25	SNDG
109.21	5571964.00	524915.94	194.12	SNDG
110.32	5571963.00	524916.41	193.98	SNDG
111.42	5571962.00	524916.89	193.66	SNDG
112.53	5571961.00	524917.37	193.27	SNDG
113.64	5571960.00	524917.84	193.20	SNDG
114.75	5571959.00	524918.32	193.31	SNDG
115.42	5571958.39	524918.61	193.72	SNDG
115.85	5571958.00	524918.80	193.88	SNDG
116.00	5571957.87	524918.86	194.04	SNDG
116.84	5571957.11	524919.22	195.05	SNDG
118.35	5571955.75	524919.87	196.15	SNDG
120.37	5571953.92	524920.74	197.74	EWAT/1345/110527
121.32	5571953.07	524921.15	198.23	SPOT
121.96	5571952.49	524921.42	199.43	SPOT
123.63	5571950.98	524922.14	200.91	CRK/TOP
125.02	5571949.72	524922.74	201.16	REBAR/LI3R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI05				
0.00	5571941.86	523491.31	201.63	ATEK/221/REBAR/LI5L
2.60	5571939.54	523490.14	201.67	CRK/TOP
3.03	5571939.16	523489.94	200.01	SPOT
5.10	5571937.31	523489.01	198.33	EWAT/1205/110527
6.62	5571935.96	523488.32	197.93	SNDG
7.65	5571935.04	523487.85	197.57	SNDG
8.41	5571934.36	523487.51	197.09	SNDG
8.81	5571934.00	523487.33	196.98	SNDG
12.17	5571931.00	523485.81	196.22	SNDG
13.52	5571929.80	523485.20	196.29	SNDG
16.66	5571927.00	523483.78	196.25	SNDG
20.96	5571923.16	523481.84	196.44	SNDG
23.38	5571921.00	523480.74	196.43	SNDG
24.68	5571919.84	523480.16	196.50	SNDG
29.89	5571915.20	523477.80	196.56	SNDG
30.64	5571914.53	523477.47	196.61	SNDG
32.87	5571912.54	523476.46	196.60	SNDG
35.71	5571910.00	523475.17	196.47	SNDG
38.82	5571907.23	523473.77	196.58	SNDG
41.05	5571905.24	523472.76	196.52	SNDG
42.44	5571904.00	523472.13	196.39	SNDG
43.29	5571903.25	523471.75	196.46	SNDG
44.03	5571902.59	523471.41	196.38	SNDG
46.92	5571900.00	523470.10	196.39	SNDG
48.49	5571898.60	523469.39	196.30	SNDG
52.96	5571894.62	523467.38	196.33	SNDG
56.68	5571891.30	523465.69	196.49	SNDG
61.89	5571886.66	523463.34	196.57	SNDG
64.86	5571884.01	523462.00	196.68	SNDG
67.09	5571882.01	523460.99	196.68	SNDG
71.56	5571878.03	523458.97	196.83	SNDG
73.05	5571876.70	523458.30	196.82	SNDG
81.98	5571868.73	523454.26	197.22	SNDG
82.79	5571868.01	523453.89	197.21	SNDG
86.44	5571864.75	523452.24	197.42	SNDG
89.52	5571862.01	523450.85	197.47	SNDG
91.76	5571860.01	523449.84	197.64	SNDG
95.37	5571856.79	523448.21	197.54	SNDG
98.35	5571854.13	523446.86	197.67	SNDG
99.84	5571852.80	523446.19	197.56	SNDG
100.32	5571852.37	523445.97	197.47	SNDG
101.87	5571850.99	523445.27	197.64	SNDG
106.12	5571847.20	523443.35	197.68	SNDG
110.64	5571843.17	523441.30	197.87	SNDG
114.93	5571839.34	523439.37	198.05	SNDG
119.37	5571835.38	523437.36	198.21	SNDG
123.53	5571831.67	523435.48	198.34	EWAT/1232/110527
126.38	5571829.13	523434.19	198.40	GRAV/BAR
129.65	5571826.21	523432.71	198.53	GRAV/BAR
131.27	5571824.77	523431.98	198.49	GRAV/BAR
133.93	5571822.39	523430.78	198.37	EWAT/1231/110527
135.56	5571820.93	523430.04	198.24	SNDG
137.48	5571819.22	523429.17	198.19	SNDG
141.77	5571815.40	523427.23	198.04	SNDG
143.57	5571813.80	523426.42	198.12	SNDG
145.69	5571811.90	523425.46	198.25	SNDG
146.72	5571810.98	523425.00	198.17	SNDG
148.89	5571809.05	523424.02	198.36	EWAT/1222/110527
149.79	5571808.24	523423.61	198.68	SPOT
152.18	5571806.12	523422.53	198.96	SPOT
154.01	5571804.48	523421.70	198.89	SPOT
156.37	5571802.37	523420.63	199.23	SPOT
159.51	5571799.57	523419.22	199.56	SPOT
165.75	5571794.01	523416.40	200.89	CRK/TOP
190.05	5571772.33	523405.41	202.04	BOLT/LI5R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI06				
0.00	5572193.04	522645.34	202.53	REBAR/LI6L/NF
3.45	5572189.60	522645.13	202.15	CRK/TOP
5.50	5572187.55	522645.01	199.71	CRK/TOE
6.83	5572186.22	522644.93	198.99	EWAT/1500/110521
7.80	5572185.26	522644.87	198.64	SNDG
8.65	5572184.42	522644.82	198.26	SNDG
10.15	5572182.91	522644.73	198.31	SNDG
13.05	5572180.01	522644.55	198.42	SNDG
15.12	5572177.96	522644.43	198.34	SNDG
16.51	5572176.57	522644.34	198.57	SNDG
19.13	5572173.95	522644.19	198.76	SNDG
22.07	5572171.02	522644.01	198.66	SNDG
26.68	5572166.42	522643.73	198.46	SNDG
28.40	5572164.70	522643.63	198.18	SNDG
29.00	5572164.10	522643.59	198.04	SNDG
30.10	5572163.00	522643.53	197.88	SNDG
34.11	5572159.00	522643.28	197.72	SNDG
37.11	5572156.00	522643.10	197.52	SNDG
42.12	5572151.00	522642.80	197.52	SNDG
47.60	5572145.53	522642.47	197.38	SNDG
51.14	5572142.00	522642.26	197.56	SNDG
53.14	5572140.00	522642.14	197.40	SNDG
54.14	5572139.00	522642.08	197.20	SNDG
57.15	5572136.00	522641.89	196.83	SNDG
60.15	5572133.00	522641.71	196.72	SNDG
63.16	5572130.00	522641.53	196.87	SNDG
64.61	5572128.56	522641.44	196.86	SNDG
69.17	5572124.00	522641.17	196.99	SNDG
72.16	5572121.01	522640.99	197.19	SNDG
75.18	5572118.00	522640.81	197.27	SNDG
76.18	5572117.00	522640.75	197.37	SNDG
80.67	5572112.52	522640.48	197.42	SNDG
85.39	5572107.81	522640.19	197.68	SNDG
89.21	5572104.00	522639.96	197.72	SNDG
93.21	5572100.00	522639.72	197.93	SNDG
107.24	5572086.00	522638.87	198.11	SNDG
113.25	5572080.00	522638.51	198.02	SNDG
121.27	5572072.00	522638.03	197.44	SNDG
123.27	5572070.00	522637.91	197.37	SNDG
124.27	5572069.00	522637.85	197.46	SNDG
126.00	5572067.27	522637.74	197.48	SNDG
129.28	5572064.00	522637.54	197.35	SNDG
131.28	5572062.00	522637.42	197.18	SNDG
132.29	5572061.00	522637.36	197.17	SNDG
133.29	5572060.00	522637.30	197.05	SNDG
134.29	5572059.00	522637.24	197.03	SNDG
136.29	5572057.00	522637.12	196.89	SNDG
138.30	5572055.00	522637.00	196.66	SNDG
139.30	5572054.00	522636.94	196.62	SNDG
140.30	5572053.00	522636.88	196.47	SNDG
143.31	5572050.00	522636.70	196.40	SNDG
144.31	5572049.00	522636.64	196.62	SNDG
145.00	5572048.31	522636.60	196.95	SNDG
145.35	5572047.96	522636.58	197.27	SNDG
146.66	5572046.65	522636.50	197.69	SNDG
147.83	5572045.48	522636.43	198.38	SNDG
148.99	5572044.32	522636.36	199.01	EWAT/1515/110521
152.81	5572040.51	522636.13	199.86	CRK/TOE
153.42	5572039.91	522636.09	201.30	SPOT
156.20	5572037.13	522635.92	202.39	CRK/TOP
158.57	5572034.77	522635.78	202.52	REBAR/LI6R/WEE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI07				
0.00	5572364.49	521935.73	202.76	REBAR/LI7L
6.87	5572358.01	521933.46	202.56	CRK/TOP
9.20	5572355.81	521932.69	201.45	SPOT
11.01	5572354.10	521932.09	199.94	SPOT
11.86	5572353.30	521931.81	199.46	EWAT/1142/110521
12.74	5572352.47	521931.52	198.94	SNDG
14.62	5572350.69	521930.89	198.16	SNDG
15.08	5572350.26	521930.74	197.97	SNDG
15.86	5572349.52	521930.48	197.79	SNDG
16.65	5572348.78	521930.22	197.70	SNDG
17.47	5572348.00	521929.95	197.74	SNDG
19.19	5572346.38	521929.38	197.73	SNDG
21.71	5572344.00	521928.55	197.90	SNDG
22.77	5572343.00	521928.20	197.88	SNDG
23.83	5572342.00	521927.85	197.86	SNDG
24.89	5572341.00	521927.50	197.74	SNDG
26.06	5572339.89	521927.11	197.70	SNDG
27.00	5572339.01	521926.80	197.74	SNDG
29.13	5572337.00	521926.09	197.67	SNDG
30.77	5572335.45	521925.55	197.60	SNDG
31.56	5572334.71	521925.29	197.49	SNDG
32.34	5572333.97	521925.03	197.48	SNDG
33.91	5572332.49	521924.51	197.70	SNDG
34.43	5572332.00	521924.34	197.83	SNDG
35.46	5572331.03	521924.00	197.89	SNDG
36.55	5572330.00	521923.64	197.81	SNDG
37.61	5572329.00	521923.29	197.91	SNDG
37.83	5572328.79	521923.22	197.86	SNDG
38.62	5572328.05	521922.96	197.95	SNDG
39.72	5572327.00	521922.59	197.81	SNDG
41.84	5572325.00	521921.89	197.91	SNDG
42.54	5572324.34	521921.66	197.73	SNDG
43.33	5572323.60	521921.40	197.66	SNDG
45.68	5572321.38	521920.62	197.70	SNDG
47.14	5572320.00	521920.14	197.62	SNDG
48.20	5572319.00	521919.79	197.78	SNDG
48.82	5572318.42	521919.58	197.78	SNDG
50.32	5572317.00	521919.08	197.97	SNDG
51.38	5572316.00	521918.73	198.02	SNDG
52.44	5572315.00	521918.38	198.02	SNDG
55.62	5572312.00	521917.33	197.82	SNDG
56.66	5572311.01	521916.99	197.86	SNDG
58.23	5572309.53	521916.47	197.84	SNDG
60.59	5572307.31	521915.69	198.11	SNDG
62.94	5572305.09	521914.91	197.94	SNDG
66.08	5572302.13	521913.87	197.95	SNDG
67.65	5572300.65	521913.35	197.78	SNDG
68.34	5572300.00	521913.13	197.76	SNDG
70.45	5572298.00	521912.42	197.88	SNDG
71.57	5572296.95	521912.06	197.80	SNDG
72.57	5572296.00	521911.72	197.67	SNDG
74.69	5572294.00	521911.02	197.60	SNDG
76.28	5572292.50	521910.50	197.71	SNDG
76.81	5572292.00	521910.32	197.81	SNDG
78.93	5572290.00	521909.62	197.62	SNDG
79.99	5572289.00	521909.27	197.76	SNDG
80.99	5572288.06	521908.94	197.74	SNDG
82.11	5572287.00	521908.57	197.87	SNDG
84.23	5572285.00	521907.87	197.89	SNDG
87.41	5572282.00	521906.82	197.73	SNDG
92.71	5572277.00	521905.06	197.85	SNDG
94.83	5572275.00	521904.36	197.68	SNDG
98.00	5572272.01	521903.31	197.53	SNDG
99.07	5572271.00	521902.96	197.39	SNDG
100.60	5572269.55	521902.45	197.33	SNDG
104.53	5572265.85	521901.15	197.37	SNDG
106.48	5572264.00	521900.51	197.54	SNDG
107.67	5572262.88	521900.12	197.59	SNDG
109.66	5572261.00	521899.46	197.56	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
113.90	5572257.00	521898.05	197.39	SNDG
114.96	5572256.00	521897.70	197.39	SNDG
118.65	5572252.52	521896.48	197.08	SNDG
119.20	5572252.00	521896.30	197.16	SNDG
119.43	5572251.78	521896.22	197.26	SNDG
122.38	5572249.00	521895.25	197.91	SNDG
123.44	5572248.00	521894.90	198.20	SNDG
123.61	5572247.83	521894.84	198.18	SNDG
124.78	5572246.73	521894.46	198.70	SNDG
125.56	5572246.00	521894.20	199.13	SNDG
126.17	5572245.42	521893.99	199.43	EWAT/1152/110521
128.31	5572243.40	521893.29	200.22	SPOT
129.35	5572242.42	521892.94	200.87	SPOT
130.89	5572240.97	521892.43	200.97	SPOT
133.15	5572238.83	521891.69	202.71	CRK/TOP
137.47	5572234.75	521890.26	203.12	REBAR/LI7R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI08				
30.77	5572600.60	521137.68	203.10	SPOT
32.49	5572598.91	521137.36	203.05	CRK/TOP
34.49	5572596.95	521136.99	201.97	SPOT
38.83	5572592.69	521136.18	201.33	SPOT
39.14	5572592.38	521136.12	199.90	EWAT/1317/110521
39.20	5572592.33	521136.11	199.29	SNDG
41.25	5572590.31	521135.72	198.60	SNDG
42.85	5572588.74	521135.43	197.88	SNDG
43.00	5572588.59	521135.40	198.07	SNDG
43.60	5572588.00	521135.28	198.15	SNDG
44.62	5572587.00	521135.09	198.40	SNDG
45.64	5572586.00	521134.90	198.55	SNDG
46.65	5572585.00	521134.71	198.61	SNDG
47.67	5572584.00	521134.52	198.60	SNDG
50.73	5572581.00	521133.95	198.34	SNDG
51.74	5572580.00	521133.76	198.31	SNDG
54.80	5572577.00	521133.19	198.32	SNDG
56.83	5572575.00	521132.81	198.43	SNDG
61.92	5572570.00	521131.86	198.49	SNDG
68.03	5572564.00	521130.72	198.70	SNDG
75.16	5572557.00	521129.38	198.69	SNDG
76.17	5572556.00	521129.19	198.60	SNDG
79.23	5572553.00	521128.62	198.71	SNDG
83.30	5572549.00	521127.86	198.73	SNDG
89.41	5572543.00	521126.72	198.57	SNDG
97.55	5572535.00	521125.20	198.53	SNDG
102.64	5572530.00	521124.24	198.45	SNDG
112.82	5572520.00	521122.34	198.07	SNDG
114.86	5572518.00	521121.96	198.15	SNDG
116.89	5572516.00	521121.58	198.09	SNDG
118.93	5572514.00	521121.20	198.21	SNDG
120.96	5572512.00	521120.82	198.07	SNDG
121.98	5572511.00	521120.63	198.09	SNDG
123.00	5572510.00	521120.44	198.23	SNDG
124.00	5572509.02	521120.25	198.24	SNDG
126.05	5572507.00	521119.87	198.09	SNDG
128.51	5572504.59	521119.41	198.19	SNDG
132.78	5572500.39	521118.61	198.12	SNDG
135.22	5572498.00	521118.15	198.26	SNDG
136.23	5572497.00	521117.96	198.38	SNDG
138.27	5572495.00	521117.58	198.39	SNDG
142.19	5572491.15	521116.85	198.32	SNDG
144.75	5572488.63	521116.37	198.36	SNDG
147.43	5572486.00	521115.87	198.31	SNDG
149.03	5572484.43	521115.57	198.35	SNDG
152.45	5572481.07	521114.93	198.17	SNDG
156.73	5572476.87	521114.13	198.18	SNDG
159.65	5572474.00	521113.59	197.89	SNDG
161.68	5572472.00	521113.21	197.90	SNDG
162.70	5572471.00	521113.01	197.99	SNDG
163.72	5572470.00	521112.82	198.00	SNDG
164.74	5572469.00	521112.63	197.96	SNDG
166.13	5572467.63	521112.37	197.76	SNDG
166.77	5572467.00	521112.25	197.72	SNDG
167.79	5572466.00	521112.06	197.77	SNDG
169.83	5572464.00	521111.68	197.65	SNDG
170.84	5572463.00	521111.49	197.69	SNDG
173.00	5572460.88	521111.09	198.06	SNDG
173.79	5572460.11	521110.94	198.12	SNDG
175.29	5572458.64	521110.66	198.51	SNDG
176.79	5572457.16	521110.38	199.15	SNDG
176.81	5572457.15	521110.38	199.92	EWAT/1327/110521
177.42	5572456.54	521110.26	200.83	SPOT
178.36	5572455.62	521110.09	201.63	SPOT
180.63	5572453.39	521109.66	201.17	CRK/TOP
186.65	5572447.47	521108.54	202.69	SPOT
193.30	5572440.94	521107.29	202.53	SPOT
198.90	5572435.44	521106.25	202.33	SPOT
205.98	5572428.48	521104.92	201.85	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
211.55	5572423.01	521103.88	201.86	SPOT
220.52	5572414.20	521102.20	201.90	SPOT
224.99	5572409.81	521101.37	201.99	SPOT
228.58	5572406.28	521100.70	201.43	SPOT
233.54	5572401.42	521099.77	201.23	SPOT
237.53	5572397.50	521099.02	201.79	CRK/TOP
241.23	5572393.85	521098.33	200.01	CRK/TOE
246.45	5572388.73	521097.36	200.06	SPOT
248.81	5572386.41	521096.91	199.90	EWAT/1335/110521
251.13	5572384.13	521096.48	199.69	SNDG
252.50	5572382.79	521096.22	199.61	SNDG
253.72	5572381.59	521096.00	199.52	SNDG
256.86	5572378.50	521095.41	199.52	SNDG
259.80	5572375.61	521094.86	199.65	SNDG
261.69	5572373.76	521094.50	199.86	EWAT/1357/110521
264.61	5572370.88	521093.96	201.30	SPOT
266.90	5572368.64	521093.53	201.96	SPOT
269.67	5572365.91	521093.01	202.47	SPOT
270.67	5572364.93	521092.83	203.23	CRK/TOP
272.73	5572362.91	521092.44	203.31	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI09.1				
0.00	5572453.27	520067.98	204.37	ATEK/244/SPIKE/NF
52.04	5572401.58	520061.92	203.70	CRK/TOP
57.84	5572395.82	520061.24	201.86	SPOT
62.19	5572391.50	520060.73	202.12	SPOT
65.18	5572388.53	520060.39	202.47	SPOT
66.89	5572386.83	520060.19	202.19	SPOT
68.87	5572384.86	520059.96	201.46	SPOT
71.15	5572382.60	520059.69	200.86	SPOT
74.38	5572379.39	520059.31	200.70	SPOT
77.84	5572375.96	520058.91	200.42	SPOT
79.72	5572374.09	520058.69	201.78	SPOT
82.65	5572371.18	520058.35	203.02	SPOT
84.56	5572369.28	520058.13	204.10	CRK/TOP
123.49	5572330.61	520053.60	203.86	BOLT/LI9.1M/NF
151.07	5572304.44	520062.26	203.70	SPOT
154.39	5572301.28	520063.31	203.39	SPOT
160.03	5572295.93	520065.08	202.81	SPOT
164.61	5572291.58	520066.52	202.77	SPOT
168.56	5572287.83	520067.76	202.64	SPOT
169.58	5572286.86	520068.08	202.16	SPOT
172.30	5572284.28	520068.93	201.39	SPOT
174.95	5572281.77	520069.76	201.49	SPOT
178.12	5572278.75	520070.76	201.51	SPOT
181.93	5572275.14	520071.96	201.45	SPOT
186.06	5572271.22	520073.26	201.41	SPOT
194.01	5572263.67	520075.75	201.30	SPOT
200.19	5572257.80	520077.70	201.22	SPOT
207.86	5572250.52	520080.11	200.96	SPOT
217.71	5572241.17	520083.20	200.62	SPOT
220.38	5572238.63	520084.04	200.41	SPOT
223.64	5572235.54	520085.06	200.43	SPOT
230.08	5572229.42	520087.09	200.13	EWAT/1741/110520
232.94	5572226.71	520087.99	200.03	SNDG
235.86	5572223.94	520088.90	199.86	SNDG
239.47	5572220.51	520090.04	199.78	SNDG
244.22	5572216.00	520091.53	199.64	SNDG
248.99	5572211.47	520093.03	199.49	SNDG
250.00	5572210.51	520093.35	199.44	SNDG
252.65	5572208.00	520094.18	199.34	SNDG
263.18	5572198.00	520097.49	199.37	SNDG
265.96	5572195.36	520098.36	199.17	SNDG
266.34	5572195.00	520098.48	199.18	SNDG
268.45	5572193.00	520099.14	199.43	SNDG
271.61	5572190.00	520100.14	199.43	SNDG
273.71	5572188.00	520100.80	199.49	SNDG
283.20	5572179.00	520103.78	199.39	SNDG
294.78	5572168.00	520107.42	199.14	SNDG
298.59	5572164.39	520108.61	198.96	SNDG
307.42	5572156.00	520111.39	198.69	SNDG
308.48	5572155.00	520111.72	198.62	SNDG
311.64	5572152.00	520112.71	198.30	SNDG
313.74	5572150.00	520113.38	197.84	SNDG
314.80	5572149.00	520113.71	197.53	SNDG
315.85	5572148.00	520114.04	197.30	SNDG
318.91	5572145.09	520115.00	196.86	SNDG
325.28	5572139.05	520117.00	196.26	SNDG
328.46	5572136.03	520118.00	195.70	SNDG
329.54	5572135.00	520118.34	195.66	SNDG
330.08	5572134.49	520118.51	195.85	SNDG
331.64	5572133.01	520119.00	196.27	SNDG
332.00	5572132.67	520119.11	196.46	SNDG
332.60	5572132.10	520119.30	196.84	SNDG
332.68	5572132.02	520119.33	196.81	SNDG
333.33	5572131.41	520119.53	196.94	SNDG
333.75	5572131.01	520119.66	198.45	SNDG
335.39	5572129.45	520120.18	200.19	EWAT/1805/110520
335.95	5572128.92	520120.35	201.74	SPOT
337.34	5572127.60	520120.79	202.89	SPOT
340.25	5572124.83	520121.71	203.26	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
340.51	5572124.59	520121.79	204.06	CRK/TOP
342.57	5572122.63	520122.44	205.37	SPOT
346.26	5572119.13	520123.59	204.07	BOLT/LI9.1R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI09.2				
0.00	5572501.82	519969.04	203.90	ATEK/247/REBAR/9.2L/NF
2.96	5572499.56	519967.13	204.25	CRK/TOP
7.57	5572496.05	519964.15	202.04	SPOT
10.32	5572493.95	519962.37	202.22	SPOT
12.87	5572492.01	519960.72	202.08	SPOT
14.49	5572490.77	519959.68	201.26	SPOT
16.70	5572489.09	519958.25	200.81	SPOT
18.55	5572487.68	519957.05	200.72	SPOT
20.14	5572486.46	519956.02	200.62	SPOT
22.59	5572484.59	519954.44	200.76	SPOT
26.14	5572481.88	519952.14	201.70	SPOT
27.33	5572480.98	519951.37	201.83	SPOT
29.60	5572479.25	519949.90	202.60	SPOT
31.25	5572477.99	519948.84	202.48	SPOT
35.08	5572475.06	519946.36	203.56	CRK/TOP
127.54	5572404.54	519886.57	203.92	BOLT/LI9.2M/BEND
135.96	5572401.71	519878.63	204.12	CRK/TOP
138.19	5572400.96	519876.54	201.57	SPOT
140.62	5572400.14	519874.24	200.51	SPOT
141.49	5572399.85	519873.43	200.31	EWAT/1612/110520
144.28	5572398.92	519870.80	199.94	SNDG
145.60	5572398.47	519869.55	199.30	SNDG
146.61	5572398.13	519868.61	198.66	SNDG
147.79	5572397.74	519867.50	198.62	SNDG
148.00	5572397.67	519867.30	198.64	SNDG
149.54	5572397.15	519865.85	198.34	SNDG
150.32	5572396.89	519865.11	198.25	SNDG
153.45	5572395.83	519862.17	198.37	SNDG
157.87	5572394.35	519858.00	198.62	SNDG
165.30	5572391.85	519851.00	198.90	SNDG
167.43	5572391.14	519849.00	198.92	SNDG
169.55	5572390.42	519847.00	198.89	SNDG
170.61	5572390.07	519846.00	198.81	SNDG
172.23	5572389.52	519844.48	198.59	SNDG
172.74	5572389.35	519844.00	198.45	SNDG
173.78	5572389.00	519843.01	198.30	SNDG
174.86	5572388.64	519842.00	198.37	SNDG
179.11	5572387.21	519838.00	198.87	SNDG
180.17	5572386.86	519837.00	198.94	SNDG
183.35	5572385.78	519834.00	199.00	SNDG
185.53	5572385.05	519831.95	198.96	SNDG
186.54	5572384.71	519831.00	199.02	SNDG
188.66	5572384.00	519829.00	198.99	SNDG
190.79	5572383.29	519827.00	199.22	SNDG
194.14	5572382.16	519823.84	199.36	SNDG
197.16	5572381.15	519821.00	199.43	SNDG
202.46	5572379.36	519816.00	199.67	SNDG
205.65	5572378.29	519813.00	199.55	SNDG
207.00	5572377.84	519811.73	199.64	SNDG
207.30	5572377.74	519811.44	199.67	SNDG
212.02	5572376.15	519807.00	199.91	SNDG
215.13	5572375.10	519804.07	200.00	SNDG
217.85	5572374.19	519801.51	200.31	EWAT/1542/110520
220.16	5572373.42	519799.34	200.62	SPOT
225.82	5572371.51	519794.00	200.86	SPOT
240.21	5572366.68	519780.45	200.91	SPOT
247.69	5572364.16	519773.40	200.86	SPOT
250.83	5572363.11	519770.45	201.00	SPOT
254.80	5572361.77	519766.70	200.75	SPOT
258.10	5572360.66	519763.60	202.02	SPOT
260.19	5572359.96	519761.63	202.32	SPOT
266.89	5572357.71	519755.32	202.49	SPOT
273.88	5572355.36	519748.74	204.46	CRK/TOP
275.97	5572354.66	519746.77	204.12	BOLT/LI9.2R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI10				
0.00	5572601.77	519791.70	204.60	BOLT/LI10L/NF
20.96	5572588.21	519775.73	204.25	CRK/TOP
23.80	5572586.37	519773.56	202.78	CRK/TOE
28.25	5572583.48	519770.16	200.53	EWAT/1444/110520
30.21	5572582.22	519768.67	198.68	SNDG
30.55	5572582.00	519768.42	198.74	SNDG
30.84	5572581.81	519768.19	198.70	SNDG
32.97	5572580.43	519766.57	198.79	SNDG
33.72	5572579.95	519766.00	198.88	SNDG
38.96	5572576.55	519762.00	198.76	SNDG
48.14	5572570.61	519755.00	199.02	SNDG
52.08	5572568.06	519752.00	199.00	SNDG
54.96	5572566.20	519749.80	198.91	SNDG
63.89	5572560.42	519743.00	199.04	SNDG
67.82	5572557.88	519740.00	199.27	SNDG
76.96	5572551.97	519733.04	199.42	SNDG
85.47	5572546.46	519726.55	199.65	SNDG
88.81	5572544.30	519724.00	199.79	SNDG
91.43	5572542.60	519722.00	199.71	SNDG
93.00	5572541.58	519720.80	199.71	SNDG
93.95	5572540.97	519720.08	199.76	SNDG
96.18	5572539.53	519718.38	199.87	SNDG
98.67	5572537.92	519716.49	199.97	SNDG
101.17	5572536.30	519714.58	200.08	SNDG
103.76	5572534.62	519712.60	200.17	SNDG
108.03	5572531.86	519709.35	200.25	SNDG
111.22	5572529.79	519706.91	200.35	SNDG
113.72	5572528.17	519705.01	200.40	SNDG
118.05	5572525.37	519701.71	200.32	SNDG
118.63	5572524.99	519701.26	200.51	EWAT/1430/110520
119.79	5572524.25	519700.38	200.65	SPOT
121.99	5572522.82	519698.70	200.85	SPOT
125.17	5572520.76	519696.28	200.98	SPOT
131.86	5572516.44	519691.18	202.00	SPOT
134.95	5572514.43	519688.82	202.31	SPOT
139.81	5572511.29	519685.12	202.74	SPOT
143.24	5572509.07	519682.51	203.48	SPOT
156.43	5572500.54	519672.45	203.23	SPOT
166.62	5572493.94	519664.68	202.90	SPOT
179.54	5572485.58	519654.83	202.38	SPOT
195.65	5572475.15	519642.55	203.02	BOLT/LI/10R
199.13	5572472.90	519639.89	202.64	SPOT
203.14	5572470.30	519636.84	203.78	SPOT
205.28	5572468.92	519635.20	204.17	CRK/TOP
206.59	5572468.07	519634.21	204.15	SPOT
226.93	5572454.91	519618.70	203.55	BOLT/LI10RR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI11				
0.00	5572852.73	519076.47	204.61	BOLT/LI11L/NF
1.53	5572851.20	519076.50	204.91	CRK/TOP
4.32	5572848.41	519076.54	203.86	SPOT
5.32	5572847.41	519076.56	202.66	SPOT
7.85	5572844.88	519076.59	200.78	EWAT/1316/110520
9.80	5572842.93	519076.62	199.34	SNDG
10.00	5572842.73	519076.63	199.29	SNDG
11.73	5572841.00	519076.65	198.51	SNDG
12.73	5572840.00	519076.67	198.32	SNDG
13.73	5572839.00	519076.69	198.55	SNDG
16.73	5572836.00	519076.73	198.93	SNDG
17.73	5572835.00	519076.75	199.01	SNDG
18.73	5572834.00	519076.76	199.04	SNDG
20.73	5572832.00	519076.79	199.30	SNDG
24.73	5572828.00	519076.86	199.50	SNDG
25.73	5572827.00	519076.87	199.42	SNDG
27.73	5572825.00	519076.90	199.42	SNDG
28.73	5572824.00	519076.92	199.48	SNDG
30.73	5572822.00	519076.95	199.71	SNDG
31.73	5572821.00	519076.97	199.62	SNDG
33.73	5572819.00	519077.00	199.75	SNDG
35.73	5572817.00	519077.03	199.79	SNDG
38.74	5572814.00	519077.07	199.70	SNDG
43.74	5572809.00	519077.15	199.64	SNDG
70.74	5572782.00	519077.57	199.69	SNDG
72.74	5572780.00	519077.60	199.62	SNDG
75.74	5572777.00	519077.65	199.38	SNDG
76.04	5572776.70	519077.65	199.32	SNDG
77.28	5572775.46	519077.67	199.32	SNDG
77.82	5572774.92	519077.68	199.43	SNDG
79.19	5572773.55	519077.70	200.13	SNDG
79.58	5572773.16	519077.71	200.76	EWAT/1308/110520
82.77	5572769.97	519077.76	202.20	SPOT
87.22	5572765.52	519077.83	204.92	CRK/TOP
87.42	5572765.33	519077.83	204.73	ATEK/229/REBAR/LI11R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI12				
0.00	5572598.64	518433.18	206.21	BOLT/LI12L/NF
0.36	5572598.33	518433.36	206.12	CRK/TOP
3.50	5572595.60	518434.92	204.68	SPOT
4.44	5572594.78	518435.39	203.57	SPOT
6.75	5572592.79	518436.54	203.25	SPOT
7.17	5572592.42	518436.75	202.65	SPOT
10.40	5572589.61	518438.36	201.73	SPOT
11.25	5572588.88	518438.78	201.82	SPOT
12.81	5572587.52	518439.55	201.47	SPOT
15.17	5572585.48	518440.73	201.64	SPOT
26.37	5572575.76	518446.29	201.43	SPOT
33.01	5572569.99	518449.59	201.28	SPOT
37.86	5572565.79	518452.00	201.38	SPOT
44.69	5572559.86	518455.40	201.30	SPOT
47.94	5572557.04	518457.02	201.21	SPOT
48.54	5572556.52	518457.31	201.17	EWAT/1224/110520
49.54	5572555.65	518457.81	201.00	SNDG
52.31	5572553.25	518459.18	200.89	SNDG
55.35	5572550.61	518460.70	200.76	SNDG
56.31	5572549.78	518461.18	200.74	SNDG
58.23	5572548.11	518462.13	200.53	SNDG
60.67	5572546.00	518463.34	200.43	SNDG
61.00	5572545.71	518463.51	200.38	SNDG
62.00	5572544.85	518464.00	200.32	SNDG
68.73	5572539.00	518467.35	199.61	SNDG
70.04	5572537.86	518468.00	199.55	SNDG
72.19	5572536.00	518469.07	199.55	SNDG
73.34	5572535.00	518469.64	199.48	SNDG
75.65	5572533.00	518470.79	199.05	SNDG
76.08	5572532.63	518471.00	199.02	SNDG
76.80	5572532.00	518471.36	199.04	SNDG
77.95	5572531.00	518471.93	199.22	SNDG
79.47	5572529.69	518472.69	199.20	SNDG
81.67	5572527.78	518473.78	199.01	SNDG
83.16	5572526.48	518474.52	199.08	SNDG
84.13	5572525.64	518475.00	199.07	SNDG
87.17	5572523.00	518476.51	198.86	SNDG
88.99	5572521.42	518477.42	198.85	SNDG
92.93	5572518.00	518479.38	198.96	SNDG
94.09	5572517.00	518479.95	198.92	SNDG
96.32	5572515.06	518481.06	198.64	SNDG
97.54	5572514.00	518481.67	199.34	SNDG
98.42	5572513.24	518482.11	199.26	SNDG
99.85	5572512.00	518482.81	200.18	SNDG
100.78	5572511.19	518483.28	200.73	SNDG
101.68	5572510.41	518483.73	201.20	EWAT/1214/110520
103.42	5572508.90	518484.59	202.15	SPOT
107.70	5572505.19	518486.72	205.43	CRK/TOP
108.89	5572504.16	518487.31	205.51	ATEK/248/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI13				
0.00	5572505.68	517622.55	205.72	REBAR/LI13L/NF
2.75	5572503.00	517621.90	205.58	CRK/TOP
4.96	5572500.86	517621.38	203.60	SPOT
6.87	5572499.00	517620.93	202.10	SPOT
7.24	5572498.64	517620.85	201.75	EWAT/1620/110519
7.91	5572497.99	517620.69	201.57	SNDG
10.06	5572495.91	517620.18	201.41	SNDG
11.61	5572494.40	517619.82	200.81	SNDG
13.14	5572492.91	517619.46	200.62	SNDG
14.48	5572491.61	517619.14	200.68	SNDG
15.00	5572491.10	517619.02	200.53	SNDG
16.13	5572490.00	517618.75	200.35	SNDG
17.16	5572489.00	517618.51	200.29	SNDG
18.19	5572488.00	517618.27	200.47	SNDG
20.07	5572486.18	517617.83	200.90	SNDG
20.90	5572485.37	517617.63	200.94	SNDG
23.34	5572483.00	517617.06	200.91	SNDG
25.39	5572481.00	517616.57	200.80	SNDG
27.45	5572479.00	517616.09	200.87	SNDG
31.57	5572475.00	517615.12	200.83	SNDG
32.60	5572474.00	517614.88	200.79	SNDG
33.63	5572473.00	517614.63	200.66	SNDG
34.98	5572471.69	517614.31	200.58	SNDG
37.46	5572469.27	517613.73	200.70	SNDG
42.89	5572464.00	517612.45	200.84	SNDG
45.75	5572461.22	517611.78	200.71	SNDG
48.03	5572459.00	517611.24	200.67	SNDG
51.12	5572456.00	517610.51	200.70	SNDG
53.18	5572454.00	517610.03	200.64	SNDG
55.23	5572452.00	517609.54	200.66	SNDG
59.35	5572448.00	517608.58	200.58	SNDG
62.44	5572445.00	517607.85	200.59	SNDG
63.97	5572443.51	517607.49	200.69	SNDG
68.11	5572439.49	517606.51	200.58	SNDG
73.91	5572433.85	517605.15	200.60	SNDG
75.56	5572432.24	517604.76	200.65	SNDG
77.87	5572430.00	517604.21	200.60	SNDG
79.70	5572428.22	517603.78	200.65	SNDG
81.36	5572426.61	517603.39	200.58	SNDG
84.04	5572424.00	517602.76	200.76	SNDG
86.33	5572421.78	517602.22	200.60	SNDG
88.16	5572420.00	517601.79	200.55	SNDG
89.00	5572419.18	517601.59	200.46	SNDG
89.66	5572418.55	517601.44	200.32	SNDG
91.08	5572417.17	517601.10	201.74	EWAT/1612/110519
93.15	5572415.15	517600.62	202.77	SPOT
97.38	5572411.04	517599.62	205.16	CRK/TOP
98.55	5572409.90	517599.34	205.14	SPOT
112.00	5572396.83	517596.18	205.91	BOLT/LI13R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI13.1				
6.46	5572794.48	517064.50	206.08	CRK/TOP
8.07	5572793.43	517063.27	204.92	SPOT
8.76	5572792.99	517062.74	202.46	SPOT
9.29	5572792.64	517062.34	202.15	EWAT/1752/110518
10.00	5572792.18	517061.80	202.04	SNDG
12.11	5572790.81	517060.19	201.91	SNDG
12.82	5572790.35	517059.65	201.78	SNDG
13.68	5572789.79	517059.00	201.50	SNDG
14.24	5572789.43	517058.57	201.22	SNDG
14.95	5572788.97	517058.03	200.47	SNDG
15.66	5572788.51	517057.49	198.93	SNDG
16.37	5572788.05	517056.96	198.67	SNDG
17.08	5572787.59	517056.42	198.53	SNDG
17.79	5572787.12	517055.88	198.21	SNDG
18.50	5572786.66	517055.34	198.10	SNDG
19.52	5572786.00	517054.56	197.65	SNDG
20.26	5572785.52	517054.00	197.46	SNDG
21.06	5572785.00	517053.39	197.33	SNDG
22.05	5572784.36	517052.64	197.27	SNDG
23.46	5572783.44	517051.56	197.30	SNDG
24.20	5572782.96	517051.00	197.48	SNDG
25.51	5572782.11	517050.00	197.61	SNDG
27.72	5572780.68	517048.32	197.65	SNDG
28.14	5572780.40	517048.00	197.59	SNDG
28.76	5572780.00	517047.53	197.59	SNDG
29.46	5572779.55	517047.00	197.76	SNDG
31.85	5572778.00	517045.18	198.51	SNDG
32.69	5572777.46	517044.55	198.64	SNDG
34.72	5572776.14	517043.00	199.16	SNDG
36.03	5572775.28	517042.00	199.61	SNDG
38.00	5572774.01	517040.50	200.55	SNDG
38.43	5572773.73	517040.18	200.73	SNDG
40.04	5572772.68	517038.95	201.48	SNDG
42.09	5572771.35	517037.39	201.62	SNDG
46.31	5572768.61	517034.18	201.90	SNDG
47.92	5572767.57	517032.96	201.96	SNDG
57.40	5572761.41	517025.74	202.13	EWAT/1743/110518
62.84	5572757.88	517021.60	202.24	GRAV/BAR
72.53	5572751.59	517014.24	202.49	GRAV/BAR
82.03	5572745.42	517007.01	202.77	NAIL/13.1M
92.50	5572738.62	516999.04	203.11	GRAV/BAR
102.89	5572731.88	516991.14	203.46	GRAV/BAR
109.38	5572727.67	516986.21	203.57	GRAV/BAR
113.48	5572725.01	516983.09	203.41	GRAV/BAR
115.02	5572724.01	516981.91	203.18	GRAV/BAR
120.75	5572720.29	516977.56	202.30	EWAT/1740/110518
125.65	5572717.11	516973.83	202.04	SNDG
127.35	5572716.01	516972.54	201.93	SNDG
128.94	5572714.97	516971.33	202.09	SNDG
130.05	5572714.25	516970.48	202.21	SNDG
130.07	5572714.24	516970.47	202.31	EWAT/1736/110518
132.83	5572712.45	516968.37	204.55	CRK/TOP
135.09	5572710.98	516966.65	204.99	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI14				
0.00	5572945.11	516910.83	205.89	REBAR/LI14L/NF
0.45	5572944.79	516910.51	206.16	CRK/TOP
1.40	5572944.12	516909.84	204.86	CRK/TOE
3.19	5572942.85	516908.58	202.90	SPOT
5.19	5572941.43	516907.17	202.80	SPOT
7.71	5572939.65	516905.39	202.39	EWAT/1650/110518
8.49	5572939.09	516904.84	202.20	SNDG
10.04	5572938.00	516903.75	202.19	SNDG
10.04	5572938.00	516903.75	202.19	SNDG
10.86	5572937.41	516903.17	201.93	SNDG
12.24	5572936.43	516902.19	201.37	SNDG
12.93	5572935.94	516901.71	200.93	SNDG
13.93	5572935.24	516901.00	200.73	SNDG
14.27	5572935.00	516900.77	200.69	SNDG
15.51	5572934.11	516899.89	200.80	SNDG
16.93	5572933.11	516898.89	200.71	SNDG
17.64	5572932.61	516898.39	200.74	SNDG
19.05	5572931.61	516897.39	200.85	SNDG
19.76	5572931.11	516896.89	200.86	SNDG
20.46	5572930.61	516896.40	200.98	SNDG
22.44	5572929.21	516895.00	201.14	SNDG
24.00	5572928.10	516893.90	201.21	SNDG
29.52	5572924.18	516890.01	201.10	SNDG
31.07	5572923.09	516888.91	200.95	SNDG
32.48	5572922.08	516887.92	201.04	SNDG
33.19	5572921.58	516887.42	201.16	SNDG
35.43	5572919.99	516885.84	201.19	SNDG
42.28	5572915.14	516881.01	200.86	SNDG
43.80	5572914.06	516879.94	200.90	SNDG
45.21	5572913.06	516878.94	201.09	SNDG
45.92	5572912.56	516878.44	201.13	SNDG
47.95	5572911.12	516877.01	201.08	SNDG
49.55	5572909.99	516875.88	200.93	SNDG
50.78	5572909.11	516875.01	200.91	SNDG
52.28	5572908.05	516873.95	200.95	SNDG
52.99	5572907.55	516873.45	200.91	SNDG
57.94	5572904.04	516869.96	201.13	SNDG
62.25	5572900.99	516866.92	201.16	SNDG
62.89	5572900.53	516866.47	201.12	SNDG
64.30	5572899.53	516865.47	201.19	SNDG
67.13	5572897.52	516863.48	201.21	SNDG
73.46	5572893.04	516859.02	200.91	SNDG
76.33	5572891.01	516856.99	200.91	SNDG
77.03	5572890.51	516856.49	201.00	SNDG
79.18	5572888.98	516854.98	201.08	SNDG
81.27	5572887.50	516853.50	200.97	SNDG
82.00	5572886.98	516852.99	201.00	SNDG
83.00	5572886.28	516852.28	200.95	SNDG
85.15	5572884.75	516850.77	201.26	SNDG
85.70	5572884.36	516850.38	201.92	SNDG
87.43	5572883.14	516849.16	202.41	EWAT/1639/110518
90.24	5572881.14	516847.18	203.91	SPOT
93.91	5572878.54	516844.59	205.91	CRK/TOP
107.08	5572869.21	516835.30	206.48	BOLT/LI14R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI14.1				
0.00	5573067.34	516748.27	205.88	BOLT/LI14.1L/NF
11.20	5573057.87	516742.30	206.08	CRK/TOP
16.44	5573053.43	516739.51	203.98	SPOT
17.81	5573052.27	516738.78	203.15	SPOT
20.04	5573050.39	516737.59	202.81	SPOT
21.75	5573048.94	516736.68	202.94	SPOT
23.50	5573047.45	516735.75	202.71	SPOT
26.41	5573045.00	516734.20	202.54	SPOT
28.43	5573043.28	516733.12	202.51	EWAT/1548/110518
32.87	5573039.53	516730.76	202.22	SNDG
35.03	5573037.70	516729.61	201.99	SNDG
37.85	5573035.31	516728.10	201.81	SNDG
39.00	5573034.34	516727.49	201.71	SNDG
40.33	5573033.22	516726.78	201.63	SNDG
43.68	5573030.38	516725.00	201.51	SNDG
46.85	5573027.69	516723.31	201.51	SNDG
49.75	5573025.24	516721.76	201.42	SNDG
52.65	5573022.78	516720.22	201.65	SNDG
54.11	5573021.56	516719.44	201.59	SNDG
54.94	5573020.85	516719.00	201.38	SNDG
55.94	5573020.00	516718.46	201.29	SNDG
57.00	5573019.11	516717.90	201.30	SNDG
57.73	5573018.49	516717.51	201.38	SNDG
59.91	5573016.65	516716.35	201.37	SNDG
60.63	5573016.03	516715.97	201.41	SNDG
61.85	5573015.00	516715.32	201.28	SNDG
62.81	5573014.19	516714.81	201.29	SNDG
63.53	5573013.58	516714.42	201.22	SNDG
64.98	5573012.35	516713.65	201.20	SNDG
65.71	5573011.74	516713.26	201.34	SNDG
66.43	5573011.12	516712.88	201.24	SNDG
67.76	5573010.00	516712.17	201.15	SNDG
69.95	5573008.14	516711.00	201.08	SNDG
71.51	5573006.83	516710.17	200.98	SNDG
74.41	5573004.37	516708.63	200.90	SNDG
79.34	5573000.20	516706.00	200.34	SNDG
80.21	5572999.46	516705.54	200.15	SNDG
81.66	5572998.24	516704.76	200.10	SNDG
84.30	5572996.00	516703.36	200.29	SNDG
85.29	5572995.17	516702.83	200.23	SNDG
87.85	5572993.00	516701.47	199.87	SNDG
88.72	5572992.26	516701.00	199.86	SNDG
92.58	5572989.00	516698.95	199.95	SNDG
93.76	5572988.00	516698.32	200.10	SNDG
94.71	5572987.19	516697.81	200.31	SNDG
97.30	5572985.00	516696.43	201.01	SNDG
99.06	5572983.51	516695.49	201.36	SNDG
99.79	5572982.90	516695.11	201.43	SNDG
100.00	5572982.72	516694.99	201.51	SNDG
100.36	5572982.41	516694.80	201.98	SNDG
101.37	5572981.56	516694.27	202.23	SNDG
102.90	5572980.27	516693.45	201.79	SNDG
104.13	5572979.22	516692.79	202.50	EWAT/1540/110518
110.41	5572973.91	516689.45	206.69	CRK/TOP
146.36	5572943.48	516670.29	206.93	BOLT/LI14.1R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI14.2				
0.00	5573129.54	516712.30	206.09	BOLT/LI14.2L/NF
7.41	5573126.21	516705.67	206.30	CRK/TOP
8.14	5573125.89	516705.02	204.50	CRK/TOE
11.61	5573124.33	516701.92	203.01	SPOT
12.26	5573124.04	516701.34	202.61	EWAT/1445/110518
13.30	5573123.57	516700.42	202.21	SNDG
14.58	5573123.00	516699.26	201.75	SNDG
15.57	5573122.55	516698.38	201.48	SNDG
16.27	5573122.24	516697.76	201.44	SNDG
22.23	5573119.57	516692.43	201.80	SNDG
24.95	5573118.35	516690.00	201.90	SNDG
28.93	5573116.56	516686.44	201.98	SNDG
35.64	5573113.55	516680.45	201.96	SNDG
42.85	5573110.32	516674.00	201.85	SNDG
50.24	5573107.00	516667.39	201.95	SNDG
54.04	5573105.30	516664.00	201.86	SNDG
57.40	5573103.79	516661.00	201.86	SNDG
62.99	5573101.28	516656.00	201.78	SNDG
74.18	5573096.26	516646.00	201.78	SNDG
82.57	5573092.50	516638.50	201.71	SNDG
90.76	5573088.82	516631.18	201.76	SNDG
95.98	5573086.48	516626.52	201.93	SNDG
99.29	5573085.00	516623.56	202.11	SNDG
102.00	5573083.78	516621.14	202.34	SNDG
102.28	5573083.66	516620.88	202.35	SNDG
104.95	5573082.46	516618.50	202.60	EWAT/1428/110518
105.91	5573082.03	516617.64	202.71	GRAV/BAR
109.23	5573080.54	516614.67	202.75	GRAV/BAR
114.70	5573078.09	516609.79	202.79	GRAV/BAR
117.43	5573076.86	516607.34	202.71	GRAV/BAR
119.81	5573075.79	516605.22	202.66	EWAT/1430/110518
124.69	5573073.60	516600.85	202.35	SNDG
125.78	5573073.12	516599.88	202.16	SNDG
129.00	5573071.67	516597.00	201.83	SNDG
131.24	5573070.67	516595.00	201.82	SNDG
133.97	5573069.44	516592.56	201.66	SNDG
137.96	5573067.65	516589.00	201.18	SNDG
140.19	5573066.65	516587.00	201.09	SNDG
141.42	5573066.10	516585.90	201.14	SNDG
142.91	5573065.43	516584.57	200.94	SNDG
143.55	5573065.14	516584.00	200.80	SNDG
144.67	5573064.64	516583.00	200.43	SNDG
145.79	5573064.14	516582.00	200.21	SNDG
146.64	5573063.76	516581.24	200.26	SNDG
147.00	5573063.60	516580.92	200.54	SNDG
147.50	5573063.37	516580.47	200.78	SNDG
148.29	5573063.02	516579.77	201.39	SNDG
150.47	5573062.04	516577.82	202.70	EWAT/1421/110518
152.82	5573060.99	516575.71	205.69	CRK/TOP
154.60	5573060.19	516574.12	205.98	SPOT
234.33	5573024.42	516502.86	207.16	BOLT/LI14.2R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI14.3				
16.14	5573309.93	516672.14	206.41	CRK/TOP
17.95	5573309.63	516670.36	204.87	SPOT
18.74	5573309.49	516669.59	204.59	SPOT
19.64	5573309.34	516668.70	203.93	SPOT
21.26	5573309.06	516667.10	203.64	SPOT
27.94	5573307.92	516660.52	203.17	SPOT
29.26	5573307.69	516659.21	203.19	SPOT
30.46	5573307.49	516658.04	203.09	SPOT
32.61	5573307.12	516655.92	202.79	EWAT/1323/110518
36.09	5573306.52	516652.49	202.47	SNDG
38.32	5573306.14	516650.29	202.45	SNDG
39.60	5573305.92	516649.03	202.44	SNDG
43.00	5573305.34	516645.68	202.27	SNDG
46.80	5573304.69	516641.94	202.19	SNDG
50.14	5573304.12	516638.65	202.11	SNDG
51.00	5573303.98	516637.80	202.12	SNDG
53.84	5573303.49	516635.00	201.99	SNDG
60.94	5573302.28	516628.00	201.81	SNDG
65.00	5573301.58	516624.00	201.60	SNDG
69.06	5573300.89	516620.00	201.60	SNDG
75.34	5573299.81	516613.81	201.50	SNDG
81.94	5573298.69	516607.31	201.46	SNDG
89.36	5573297.42	516600.00	201.22	SNDG
90.38	5573297.24	516599.00	201.23	SNDG
91.39	5573297.07	516598.00	201.15	SNDG
93.42	5573296.72	516596.00	201.18	SNDG
95.45	5573296.38	516594.00	201.32	SNDG
98.50	5573295.86	516591.00	201.43	SNDG
100.53	5573295.51	516589.00	201.70	SNDG
101.83	5573295.29	516587.71	201.81	SNDG
106.00	5573294.57	516583.61	202.00	SNDG
106.85	5573294.43	516582.77	202.03	SNDG
110.07	5573293.88	516579.60	202.25	SNDG
113.81	5573293.24	516575.91	202.39	SNDG
117.63	5573292.58	516572.15	202.71	SNDG
119.17	5573292.32	516570.63	202.66	SNDG
123.17	5573291.64	516566.69	202.78	EWAT/1312/110518
126.08	5573291.14	516563.82	202.97	SPOT
132.71	5573290.01	516557.29	203.29	SPOT
136.95	5573289.28	516553.11	203.46	SPOT
140.96	5573288.60	516549.16	203.69	SPOT
144.83	5573287.93	516545.34	203.97	NAIL/14.3M
149.00	5573287.22	516541.24	203.81	SPOT
151.78	5573286.75	516538.50	204.08	SPOT
156.09	5573286.01	516534.25	204.25	SPOT
159.47	5573285.43	516530.92	204.31	SPOT
166.18	5573284.29	516524.31	204.65	SPOT
171.12	5573283.44	516519.44	204.62	SPOT
172.68	5573283.17	516517.90	204.98	SPOT
175.97	5573282.61	516514.67	205.21	SPOT
178.88	5573282.11	516511.80	204.58	SPOT
181.99	5573281.58	516508.73	204.34	SPOT
187.44	5573280.65	516503.36	203.27	SPOT
189.40	5573280.32	516501.44	203.46	SPOT
191.12	5573280.02	516499.74	203.21	SPOT
192.62	5573279.76	516498.26	202.98	SPOT
193.11	5573279.68	516497.78	203.01	SPOT
195.25	5573279.32	516495.67	203.19	SPOT
196.87	5573279.04	516494.08	204.28	SPOT
198.67	5573278.73	516492.30	204.83	CRK/TOP
200.30	5573278.45	516490.69	204.84	SPOT
201.37	5573278.27	516489.64	205.15	SPOT
202.64	5573278.05	516488.39	205.43	SPOT
204.87	5573277.67	516486.19	205.55	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI15				
19.78	5573579.28	516627.42	206.69	CRK/TOP
20.00	5573579.29	516627.19	206.14	REBAR/LI15L/IN/NF
20.96	5573579.30	516626.24	206.06	SPOT
21.47	5573579.30	516625.72	205.47	SPOT
22.72	5573579.31	516624.48	204.92	SPOT
23.43	5573579.32	516623.76	204.34	SPOT
24.63	5573579.33	516622.56	203.54	SPOT
25.57	5573579.34	516621.62	203.27	SPOT
26.07	5573579.35	516621.12	203.07	EWAT/1202/110518
28.19	5573579.37	516619.00	202.60	SNDG
28.92	5573579.38	516618.27	202.46	SNDG
30.48	5573579.40	516616.71	202.33	SNDG
32.55	5573579.42	516614.64	202.21	SNDG
34.07	5573579.43	516613.12	202.21	SNDG
35.00	5573579.44	516612.19	202.20	SNDG
40.19	5573579.50	516607.00	202.07	SNDG
43.19	5573579.53	516604.00	201.75	SNDG
46.19	5573579.56	516601.00	200.98	SNDG
46.63	5573579.57	516600.57	200.98	SNDG
50.19	5573579.60	516597.00	201.18	SNDG
52.19	5573579.62	516595.00	201.18	SNDG
53.19	5573579.63	516594.00	201.27	SNDG
54.19	5573579.64	516593.00	201.26	SNDG
55.19	5573579.65	516592.00	201.36	SNDG
57.19	5573579.68	516590.00	201.40	SNDG
59.19	5573579.70	516588.00	201.53	SNDG
60.19	5573579.71	516587.00	201.53	SNDG
61.19	5573579.72	516586.00	201.64	SNDG
65.19	5573579.76	516582.00	201.81	SNDG
66.19	5573579.77	516581.00	201.83	SNDG
67.19	5573579.78	516580.00	201.79	SNDG
68.19	5573579.79	516579.00	201.93	SNDG
70.38	5573579.81	516576.81	201.86	SNDG
74.19	5573579.85	516573.00	201.92	SNDG
77.31	5573579.89	516569.89	201.82	SNDG
79.19	5573579.91	516568.00	201.83	SNDG
81.27	5573579.93	516565.93	201.95	SNDG
85.20	5573579.97	516562.00	201.97	SNDG
86.20	5573579.98	516561.00	202.03	SNDG
87.20	5573579.99	516560.00	202.04	SNDG
89.19	5573580.01	516558.01	201.95	SNDG
92.15	5573580.04	516555.04	202.10	SNDG
93.00	5573580.05	516554.20	202.10	SNDG
93.49	5573580.06	516553.71	202.07	SNDG
94.57	5573580.07	516552.63	202.49	SNDG
99.89	5573580.12	516547.30	202.61	SNDG
102.48	5573580.15	516544.71	202.67	SNDG
107.00	5573580.20	516540.19	202.69	SNDG
111.59	5573580.24	516535.61	202.74	SNDG
112.81	5573580.26	516534.38	202.72	SNDG
114.82	5573580.28	516532.38	203.06	EWAT/1147/110518
116.89	5573580.30	516530.31	203.19	SPOT
119.27	5573580.33	516527.92	204.20	SPOT
123.52	5573580.37	516523.68	206.43	CRK/TOP
125.48	5573580.39	516521.71	206.66	SPOT
165.48	5573580.81	516481.72	207.62	BOLT/LI15R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI15.2				
0.00	5573817.80	516570.75	208.59	BOLT/LI15.2L
6.53	5573816.41	516564.37	206.97	CRK/TOP
14.72	5573814.67	516556.36	202.81	EWAT/1024/110503
15.09	5573814.59	516556.00	202.70	SNDG
17.14	5573814.16	516554.00	202.16	SNDG
18.11	5573813.95	516553.05	201.99	SNDG
19.19	5573813.72	516552.00	201.92	SNDG
26.09	5573812.25	516545.25	201.11	SNDG
27.37	5573811.98	516544.00	201.08	SNDG
29.03	5573811.62	516542.38	201.20	SNDG
30.44	5573811.32	516541.00	201.24	SNDG
33.24	5573810.73	516538.27	201.18	SNDG
34.92	5573810.37	516536.63	201.01	SNDG
35.56	5573810.24	516536.00	200.85	SNDG
36.60	5573810.01	516534.99	200.68	SNDG
38.28	5573809.66	516533.34	200.55	SNDG
39.12	5573809.48	516532.52	200.62	SNDG
39.65	5573809.36	516532.00	200.72	SNDG
40.68	5573809.15	516531.00	200.71	SNDG
41.70	5573808.93	516530.00	200.78	SNDG
42.72	5573808.71	516529.00	201.04	SNDG
43.32	5573808.58	516528.42	201.13	SNDG
46.82	5573807.84	516525.00	201.42	SNDG
48.87	5573807.40	516523.00	201.46	SNDG
51.72	5573806.79	516520.21	201.35	SNDG
55.01	5573806.10	516517.00	201.42	SNDG
56.03	5573805.88	516516.00	201.55	SNDG
57.05	5573805.66	516515.00	201.80	SNDG
58.08	5573805.44	516514.00	201.92	SNDG
59.10	5573805.22	516513.00	201.84	SNDG
60.15	5573805.00	516511.97	201.64	SNDG
61.15	5573804.79	516511.00	201.78	SNDG
63.63	5573804.26	516508.58	202.62	SNDG
63.91	5573804.20	516508.30	202.85	EWAT/1037/110503
64.21	5573804.14	516508.01	203.38	SPOT
66.99	5573803.55	516505.29	204.24	SPOT
70.46	5573802.81	516501.90	205.67	CRK/TOP
117.63	5573792.77	516455.81	208.36	BOLT/LI15.2R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI15.3				
15.47	5573841.27	516566.04	209.73	SPOT
19.24	5573840.48	516562.35	209.17	CRK/TOP
22.53	5573839.79	516559.13	207.29	SPOT
24.89	5573839.29	516556.83	206.67	SPOT
26.26	5573839.00	516555.49	206.04	SPOT
28.22	5573838.59	516553.58	204.39	SPOT
29.57	5573838.31	516552.26	204.04	SPOT
30.75	5573838.06	516551.09	203.65	SPOT
31.18	5573837.97	516550.68	203.46	EWAT/1248/110523
31.55	5573837.89	516550.31	203.22	SNDG
34.05	5573837.37	516547.88	201.66	SNDG
34.25	5573837.32	516547.68	201.95	SNDG
34.67	5573837.24	516547.27	201.65	SNDG
35.45	5573837.07	516546.50	201.34	SNDG
35.97	5573836.96	516546.00	201.25	SNDG
36.48	5573836.86	516545.50	200.99	SNDG
37.50	5573836.64	516544.50	200.31	SNDG
38.00	5573836.54	516544.01	200.24	SNDG
38.52	5573836.43	516543.50	200.22	SNDG
39.55	5573836.21	516542.50	200.23	SNDG
40.06	5573836.10	516542.00	200.29	SNDG
42.10	5573835.67	516540.00	200.33	SNDG
44.15	5573835.24	516538.00	200.44	SNDG
45.17	5573835.03	516537.00	200.54	SNDG
45.68	5573834.92	516536.50	200.65	SNDG
46.71	5573834.71	516535.50	200.58	SNDG
47.72	5573834.49	516534.51	200.62	SNDG
48.24	5573834.38	516534.00	200.54	SNDG
48.75	5573834.28	516533.50	200.53	SNDG
50.80	5573833.85	516531.50	200.75	SNDG
52.33	5573833.52	516530.00	200.75	SNDG
53.87	5573833.20	516528.50	200.86	SNDG
55.40	5573832.88	516527.00	201.17	SNDG
57.45	5573832.45	516525.00	201.34	SNDG
58.98	5573832.13	516523.50	201.54	SNDG
60.51	5573831.81	516522.00	201.41	SNDG
61.03	5573831.70	516521.50	201.26	SNDG
61.96	5573831.50	516520.58	200.83	SNDG
62.45	5573831.40	516520.10	200.66	SNDG
63.07	5573831.27	516519.50	200.55	SNDG
64.09	5573831.05	516518.50	200.46	SNDG
64.61	5573830.95	516518.00	200.46	SNDG
65.12	5573830.84	516517.50	200.53	SNDG
67.16	5573830.41	516515.50	200.97	SNDG
68.18	5573830.19	516514.50	201.08	SNDG
68.70	5573830.09	516514.00	201.04	SNDG
69.72	5573829.87	516513.00	201.07	SNDG
70.74	5573829.66	516512.00	200.86	SNDG
71.25	5573829.55	516511.50	200.83	SNDG
73.86	5573829.00	516508.95	200.88	SNDG
75.34	5573828.69	516507.50	201.08	SNDG
75.86	5573828.58	516507.00	201.10	SNDG
76.37	5573828.47	516506.50	201.43	SNDG
76.89	5573828.36	516505.99	202.37	SNDG
78.37	5573828.05	516504.54	202.76	SNDG
79.35	5573827.85	516503.59	203.48	EWAT/1254/110523
80.88	5573827.52	516502.09	203.82	SPOT
82.60	5573827.16	516500.41	204.48	SPOT
83.82	5573826.91	516499.21	205.17	SPOT
85.77	5573826.50	516497.31	205.62	SPOT
87.26	5573826.18	516495.85	205.96	SPOT
92.63	5573825.06	516490.60	206.00	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI15.4				
0.00	5573955.77	516539.52	207.13	BOLT/LI15.4L
3.57	5573953.93	516536.45	207.62	CRK/TOP
9.45	5573950.91	516531.41	202.95	EWAT/1040/110503
9.69	5573950.79	516531.21	202.85	SNDG
12.26	5573949.47	516529.00	201.85	SNDG
13.33	5573948.92	516528.08	201.34	SNDG
14.59	5573948.27	516527.00	200.28	SNDG
15.12	5573948.00	516526.55	200.07	SNDG
15.52	5573947.80	516526.21	199.98	SNDG
15.76	5573947.67	516526.00	199.83	SNDG
16.25	5573947.42	516525.58	199.63	SNDG
19.00	5573946.01	516523.22	199.88	SNDG
21.35	5573944.80	516521.20	199.93	SNDG
22.81	5573944.05	516519.95	200.29	SNDG
23.54	5573943.68	516519.32	200.32	SNDG
25.00	5573942.93	516518.07	200.57	SNDG
25.72	5573942.55	516517.45	200.54	SNDG
26.25	5573942.29	516517.00	200.60	SNDG
27.41	5573941.69	516516.00	200.90	SNDG
28.64	5573941.05	516514.95	201.29	SNDG
32.64	5573939.00	516511.51	201.81	SNDG
34.40	5573938.09	516510.00	201.88	SNDG
36.53	5573937.00	516508.17	201.79	SNDG
37.39	5573936.56	516507.44	201.92	SNDG
37.90	5573936.30	516507.00	201.94	SNDG
41.40	5573934.50	516504.00	201.93	SNDG
42.49	5573933.94	516503.06	201.76	SNDG
43.22	5573933.57	516502.44	202.08	SNDG
44.68	5573932.82	516501.18	202.26	SNDG
46.14	5573932.07	516499.93	202.22	SNDG
46.87	5573931.69	516499.31	202.29	SNDG
47.23	5573931.51	516499.00	202.26	SNDG
48.32	5573930.94	516498.06	202.38	SNDG
49.78	5573930.19	516496.81	202.36	SNDG
51.89	5573929.11	516495.00	202.77	SNDG
52.31	5573928.89	516494.63	202.85	EWAT/1050/110503
52.69	5573928.70	516494.31	202.87	GRAV/BAR
55.84	5573927.08	516491.61	202.96	GRAV/BAR
58.41	5573925.76	516489.41	202.96	GRAV/BAR
61.87	5573923.99	516486.44	203.38	GRAV/BAR
67.32	5573921.19	516481.76	203.95	GRAV/BAR
71.75	5573918.91	516477.96	204.29	GRAV/BAR
76.66	5573916.39	516473.74	204.34	GRAV/BAR
79.86	5573914.74	516471.00	204.56	GRAV/BAR
81.19	5573914.06	516469.86	204.91	SPOT
84.50	5573912.36	516467.02	205.47	SPOT
87.35	5573910.90	516464.57	205.50	SPOT
92.47	5573908.27	516460.18	205.98	SPOT
113.42	5573897.50	516442.20	205.89	SPOT
127.46	5573890.30	516430.16	206.82	BOLT/LI15.4R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI16				
0.00	5574017.56	516168.94	207.50	REBAR/LI16L/NF
4.03	5574014.14	516166.80	206.80	CRK/TOP
9.94	5574009.13	516163.67	204.12	CRK/TOE
14.79	5574005.02	516161.09	203.87	SPOT
21.44	5573999.39	516157.57	203.08	EWAT/1112/110503
22.00	5573998.91	516157.27	202.82	SNDG
22.86	5573998.18	516156.82	202.60	SNDG
25.76	5573995.72	516155.28	202.10	SNDG
28.66	5573993.26	516153.74	201.74	SNDG
32.51	5573990.00	516151.70	201.64	SNDG
35.19	5573987.73	516150.28	201.48	SNDG
39.54	5573984.04	516147.97	201.14	SNDG
41.72	5573982.19	516146.81	200.92	SNDG
44.62	5573979.73	516145.27	200.73	SNDG
46.07	5573978.50	516144.50	200.75	SNDG
46.80	5573977.88	516144.12	200.86	SNDG
47.53	5573977.27	516143.73	201.18	SNDG
47.84	5573977.00	516143.56	201.44	SNDG
48.30	5573976.62	516143.32	202.11	SNDG
48.98	5573976.03	516142.96	202.25	SNDG
50.63	5573974.64	516142.08	202.35	SNDG
52.80	5573972.80	516140.94	202.52	SNDG
53.58	5573972.14	516140.52	202.80	SNDG
57.11	5573969.15	516138.65	202.93	SNDG
61.76	5573965.21	516136.18	202.86	SNDG
67.27	5573960.53	516133.26	202.93	SNDG
73.74	5573955.05	516129.82	202.93	SNDG
79.63	5573950.06	516126.70	203.06	SNDG
85.44	5573945.13	516123.62	202.91	SNDG
94.89	5573937.12	516118.61	202.94	SNDG
95.92	5573936.25	516118.06	203.11	EWAT/1804/110504
97.56	5573934.85	516117.19	203.72	SPOT
98.66	5573933.92	516116.61	203.17	SPOT
100.45	5573932.41	516115.66	203.13	CRK/TOE
103.83	5573929.54	516113.86	205.98	SPOT
106.93	5573926.92	516112.22	207.65	CRK/TOP
121.94	5573914.19	516104.26	207.29	BOLT/LI16R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI17				
0.00	5574831.41	516176.93	208.88	BOLT/LI17L
1.67	5574830.80	516175.37	208.54	CRK/TOP
8.51	5574828.30	516169.00	203.54	EWAT/1752/110503
9.00	5574828.13	516168.55	203.00	SNDG
9.59	5574827.91	516168.00	202.42	SNDG
10.66	5574827.52	516167.00	202.06	SNDG
11.06	5574827.37	516166.63	201.87	SNDG
11.73	5574827.13	516166.00	201.53	SNDG
12.81	5574826.74	516165.00	200.83	SNDG
13.88	5574826.35	516164.00	200.50	SNDG
14.96	5574825.95	516163.00	200.47	SNDG
16.03	5574825.56	516162.00	200.49	SNDG
18.18	5574824.78	516160.00	201.02	SNDG
20.31	5574824.00	516158.01	201.44	SNDG
21.40	5574823.60	516157.00	201.57	SNDG
24.18	5574822.59	516154.41	201.87	SNDG
25.70	5574822.04	516153.00	201.93	SNDG
28.54	5574821.00	516150.35	202.19	SNDG
31.07	5574820.08	516148.00	202.33	SNDG
34.29	5574818.90	516145.00	202.63	SNDG
35.36	5574818.51	516144.00	202.69	SNDG
35.86	5574818.33	516143.53	202.57	SNDG
36.83	5574817.98	516142.63	202.79	SNDG
39.21	5574817.11	516140.42	202.99	SNDG
41.26	5574816.36	516138.51	203.06	SNDG
42.51	5574815.91	516137.35	203.01	SNDG
46.89	5574814.31	516133.26	203.17	SNDG
52.58	5574812.23	516127.97	203.52	EWAT/1723/110504
55.79	5574811.06	516124.98	203.77	SPOT
59.07	5574809.86	516121.92	203.97	SPOT
64.40	5574807.92	516116.96	204.11	SPOT
69.95	5574805.90	516111.80	204.32	SPOT
76.79	5574803.40	516105.43	204.44	SPOT
80.75	5574801.96	516101.74	204.58	SPOT
84.25	5574800.68	516098.48	204.73	SPOT
90.12	5574798.54	516093.02	204.72	SPOT
95.76	5574796.48	516087.76	204.65	CRK/TOE
98.32	5574795.55	516085.37	206.03	SPOT
100.77	5574794.66	516083.10	207.23	SPOT
102.31	5574794.09	516081.66	208.02	CRK/TOP
103.81	5574793.55	516080.27	207.98	ATEK/217/SPIKE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI18				
0.00	5575201.64	515438.31	211.42	ATEK/216/CN/NF
3.83	5575197.83	515438.59	211.06	CRK/TOP
13.13	5575188.54	515439.27	204.24	EWAT/1627/110504
14.00	5575187.68	515439.33	203.35	SNDG
15.18	5575186.50	515439.42	202.30	SNDG
15.68	5575186.00	515439.46	202.14	SNDG
16.18	5575185.51	515439.49	202.14	SNDG
18.35	5575183.35	515439.65	202.48	SNDG
19.70	5575182.00	515439.75	202.52	SNDG
21.20	5575180.50	515439.86	202.40	SNDG
21.70	5575180.00	515439.90	202.41	SNDG
23.71	5575178.00	515440.04	202.66	SNDG
26.21	5575175.50	515440.23	202.76	SNDG
28.22	5575173.50	515440.38	202.77	SNDG
29.71	5575172.01	515440.48	202.64	SNDG
31.88	5575169.85	515440.64	202.59	SNDG
36.74	5575165.00	515441.00	202.97	SNDG
38.92	5575162.83	515441.16	202.81	SNDG
39.75	5575162.00	515441.22	202.85	SNDG
41.25	5575160.50	515441.33	202.75	SNDG
42.76	5575159.00	515441.44	202.90	SNDG
44.76	5575157.00	515441.59	203.03	SNDG
48.27	5575153.50	515441.84	203.08	SNDG
49.78	5575152.00	515441.95	203.21	SNDG
51.28	5575150.50	515442.06	203.21	SNDG
52.79	5575149.00	515442.17	203.11	SNDG
54.00	5575147.79	515442.26	203.13	SNDG
54.68	5575147.11	515442.31	203.15	SNDG
56.13	5575145.67	515442.42	203.28	SNDG
58.29	5575143.51	515442.58	203.51	SNDG
59.35	5575142.45	515442.65	203.84	SNDG
61.93	5575139.88	515442.84	204.24	EWAT/1630/110504
64.13	5575137.68	515443.00	204.77	GRAV/BAR
67.52	5575134.30	515443.25	205.09	GRAV/BAR
71.24	5575130.59	515443.52	205.30	GRAV/BAR
75.00	5575126.85	515443.80	205.67	GRAV/BAR
78.89	5575122.96	515444.08	205.93	GRAV/BAR
81.93	5575119.93	515444.31	206.06	GRAV/BAR
85.31	5575116.57	515444.55	205.98	GRAV/BAR
89.31	5575112.57	515444.85	205.89	GRAV/BAR
94.01	5575107.88	515445.19	205.09	SPOT
96.21	5575105.69	515445.35	204.75	SPOT
99.39	5575102.52	515445.58	204.40	SPOT
102.10	5575099.81	515445.78	204.12	SPOT
103.86	5575098.06	515445.91	204.64	SPOT
106.07	5575095.86	515446.07	204.96	SPOT
108.48	5575093.45	515446.25	205.41	SPOT
111.15	5575090.79	515446.45	206.34	SPOT
114.10	5575087.85	515446.66	207.58	SPOT
115.66	5575086.30	515446.78	208.58	CRK/TOP
119.29	5575082.68	515447.04	208.88	ATEK/212/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI18.1				
22.48	5575192.83	515276.29	208.93	CRK/TOP
25.54	5575189.98	515277.39	205.91	SPOT
26.11	5575189.45	515277.59	204.91	SPOT
27.99	5575187.69	515278.26	204.57	EWAT/1208/110519
28.84	5575186.90	515278.57	204.20	SNDG
30.91	5575184.96	515279.31	204.34	SNDG
32.25	5575183.71	515279.79	204.37	SNDG
32.93	5575183.08	515280.03	204.30	SNDG
34.46	5575181.64	515280.58	204.06	SNDG
35.15	5575181.00	515280.82	203.77	SNDG
36.22	5575180.00	515281.21	203.70	SNDG
37.29	5575179.00	515281.59	203.24	SNDG
38.36	5575178.00	515281.97	202.85	SNDG
39.94	5575176.53	515282.53	202.06	SNDG
40.51	5575176.00	515282.74	201.73	SNDG
41.58	5575175.00	515283.12	201.34	SNDG
42.65	5575174.00	515283.50	201.25	SNDG
44.79	5575172.00	515284.27	201.33	SNDG
45.36	5575171.47	515284.47	201.39	SNDG
46.93	5575170.00	515285.03	201.59	SNDG
48.00	5575169.00	515285.41	201.82	SNDG
50.14	5575167.00	515286.18	202.06	SNDG
53.35	5575164.00	515287.33	202.30	SNDG
55.50	5575162.00	515288.09	202.39	SNDG
59.12	5575158.61	515289.39	202.70	SNDG
61.92	5575156.00	515290.39	202.76	SNDG
65.13	5575153.00	515291.54	202.65	SNDG
66.20	5575152.00	515291.92	202.66	SNDG
69.00	5575149.39	515292.92	203.26	SNDG
70.15	5575148.31	515293.33	203.46	SNDG
71.96	5575146.62	515293.98	203.84	SNDG
73.99	5575144.72	515294.70	204.06	SNDG
76.30	5575142.57	515295.53	204.21	SNDG
78.39	5575140.62	515296.27	204.38	SNDG
81.03	5575138.16	515297.22	204.60	EWAT/1202/110519
90.96	5575128.88	515300.77	204.96	GRAV/BAR
96.49	5575123.71	515302.74	205.12	GRAV/BAR
104.68	5575116.06	515305.67	205.37	GRAV/BAR
112.85	5575108.44	515308.59	205.58	GRAV/BAR
127.37	5575094.87	515313.78	206.06	GRAV/BAR
133.62	5575089.04	515316.01	206.46	GRAV/BAR
137.39	5575085.52	515317.36	206.56	GRAV/BAR
144.66	5575078.73	515319.96	206.60	GRAV/BAR
150.20	5575073.55	515321.94	206.39	GRAV/BAR
152.42	5575071.48	515322.73	205.61	GRAV/BAR
154.72	5575069.33	515323.55	205.17	GRAV/BAR
157.50	5575066.73	515324.55	204.73	EWAT/1154/110519
158.21	5575066.07	515324.80	204.47	SNDG
160.98	5575063.48	515325.79	204.53	SNDG
162.38	5575062.18	515326.29	204.49	SNDG
163.49	5575061.13	515326.69	204.72	EWAT/1152/110519
164.23	5575060.44	515326.95	205.12	SPOT
166.86	5575057.99	515327.89	206.77	SPOT
169.01	5575055.98	515328.66	208.58	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19				
0.00	5575036.96	514794.88	209.04	BOLT/LI19L
72.99	5574970.69	514764.29	208.62	TOP/BANK
76.27	5574967.71	514762.91	207.92	CRK/TOP
78.85	5574965.36	514761.83	206.12	CRK/TOE
83.22	5574961.40	514760.00	206.14	SPOT
88.19	5574956.88	514757.91	206.26	SPOT
93.13	5574952.40	514755.84	206.14	SPOT
97.70	5574948.25	514753.93	205.97	SPOT
102.69	5574943.73	514751.84	205.64	SPOT
107.73	5574939.14	514749.72	205.29	SPOT
111.57	5574935.66	514748.12	205.07	SPOT
113.55	5574933.86	514747.28	204.89	SPOT
115.23	5574932.33	514746.58	204.67	EWAT/1448/110504
120.40	5574927.64	514744.41	204.26	SNDG
121.00	5574927.10	514744.16	204.15	SNDG
122.70	5574925.55	514743.45	204.10	SNDG
126.61	5574922.00	514741.81	203.90	SNDG
128.73	5574920.08	514740.92	203.96	SNDG
129.92	5574919.00	514740.42	203.91	SNDG
133.32	5574915.92	514739.00	203.76	SNDG
137.77	5574911.87	514737.13	203.34	SNDG
142.30	5574907.76	514735.24	203.22	SNDG
144.24	5574906.00	514734.42	203.12	SNDG
145.31	5574905.03	514733.97	203.00	SNDG
147.54	5574903.00	514733.04	202.85	SNDG
150.58	5574900.24	514731.76	202.70	SNDG
153.05	5574898.00	514730.73	202.67	SNDG
156.35	5574895.00	514729.35	202.55	SNDG
157.45	5574894.00	514728.88	202.79	SNDG
158.12	5574893.40	514728.61	203.11	SNDG
159.00	5574892.60	514728.24	203.46	SNDG
159.34	5574892.29	514728.09	203.72	SNDG
160.75	5574891.00	514727.50	204.71	EWAT/1455/110504
167.63	5574884.76	514724.62	209.06	ATEK/160/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19.1				
0.00	5575167.43	514696.67	209.23	BOLT/LI19.1L/NF
47.62	5575156.24	514650.38	208.68	CRK/TOP
50.43	5575155.58	514647.66	207.54	TOP/BANK
52.92	5575154.99	514645.24	205.90	TOE/BANK
58.16	5575153.76	514640.14	206.51	SPOT
63.90	5575152.41	514634.56	206.69	SPOT
68.05	5575151.44	514630.53	206.56	SPOT
73.32	5575150.20	514625.40	206.26	SPOT
77.15	5575149.30	514621.68	205.79	SPOT
81.25	5575148.33	514617.69	205.38	SPOT
84.73	5575147.52	514614.32	204.85	EWAT/1350/110504
85.01	5575147.45	514614.05	204.79	SNDG
86.08	5575147.20	514613.00	204.65	SNDG
89.17	5575146.48	514610.00	204.46	SNDG
91.74	5575145.87	514607.50	204.14	SNDG
94.83	5575145.15	514604.50	203.94	SNDG
96.37	5575144.78	514603.00	203.78	SNDG
97.43	5575144.53	514601.97	203.75	SNDG
100.48	5575143.82	514599.00	203.94	SNDG
101.51	5575143.57	514598.00	203.93	SNDG
104.06	5575142.98	514595.52	204.01	SNDG
105.11	5575142.73	514594.50	204.12	SNDG
105.72	5575142.59	514593.91	204.07	SNDG
109.86	5575141.61	514589.89	204.22	SNDG
112.32	5575141.04	514587.50	204.20	SNDG
112.83	5575140.92	514587.00	204.17	SNDG
114.37	5575140.55	514585.50	203.95	SNDG
115.92	5575140.19	514584.00	203.85	SNDG
116.49	5575140.06	514583.44	203.76	SNDG
117.97	5575139.71	514582.00	203.65	SNDG
118.98	5575139.47	514581.03	203.65	SNDG
120.22	5575139.18	514579.82	203.53	SNDG
122.09	5575138.74	514578.00	203.21	SNDG
124.15	5575138.26	514576.00	203.05	SNDG
125.60	5575137.91	514574.59	202.80	SNDG
127.23	5575137.53	514573.00	202.68	SNDG
127.75	5575137.41	514572.50	202.71	SNDG
128.09	5575137.33	514572.17	202.84	SNDG
128.50	5575137.23	514571.77	203.09	SNDG
128.92	5575137.14	514571.36	203.23	SNDG
129.29	5575137.05	514571.00	203.30	SNDG
129.81	5575136.93	514570.50	203.32	SNDG
130.32	5575136.81	514570.00	203.43	SNDG
130.83	5575136.69	514569.50	203.73	SNDG
131.35	5575136.56	514569.00	204.13	SNDG
132.00	5575136.41	514568.37	204.50	SNDG
132.77	5575136.23	514567.62	204.91	EWAT/1314/110504
138.75	5575134.83	514561.81	208.72	CRK/TOP
145.12	5575133.33	514555.62	208.84	DYKE/TOE
149.55	5575132.29	514551.31	211.01	DYKE/TOP
149.94	5575132.20	514550.93	210.52	ATEK/191/REBAR/LI19.1R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19.2				
0.00	5575218.51	514653.65	212.25	ATEK/182/REBAR/LI19.2L
20.19	5575219.15	514633.47	209.17	CRK/TOP
25.64	5575219.32	514628.02	205.20	EWAT/1018/110508
27.48	5575219.38	514626.18	204.34	SNDG
28.94	5575219.42	514624.73	203.57	SNDG
29.16	5575219.43	514624.50	203.52	SNDG
31.16	5575219.49	514622.51	202.94	SNDG
32.15	5575219.52	514621.52	202.58	SNDG
33.17	5575219.55	514620.50	202.40	SNDG
34.67	5575219.60	514619.00	201.93	SNDG
35.54	5575219.63	514618.13	201.77	SNDG
36.17	5575219.65	514617.50	201.78	SNDG
38.17	5575219.71	514615.50	201.67	SNDG
38.67	5575219.73	514615.00	201.60	SNDG
39.67	5575219.76	514614.00	201.75	SNDG
41.17	5575219.81	514612.50	202.10	SNDG
42.17	5575219.84	514611.50	202.56	SNDG
42.67	5575219.85	514611.00	202.88	SNDG
43.17	5575219.87	514610.50	203.08	SNDG
43.67	5575219.88	514610.00	203.20	SNDG
44.67	5575219.92	514609.00	203.69	SNDG
45.17	5575219.93	514608.50	203.53	SNDG
48.15	5575220.02	514605.52	203.45	SNDG
49.17	5575220.06	514604.50	203.52	SNDG
51.68	5575220.13	514602.00	203.86	SNDG
52.85	5575220.17	514600.83	203.95	SNDG
54.68	5575220.23	514599.00	203.98	SNDG
57.18	5575220.31	514596.50	203.90	SNDG
59.68	5575220.39	514594.00	203.69	SNDG
63.68	5575220.51	514590.00	203.25	SNDG
65.18	5575220.56	514588.50	202.93	SNDG
67.18	5575220.62	514586.50	202.31	SNDG
67.68	5575220.64	514586.00	202.30	SNDG
68.04	5575220.65	514585.65	202.34	SNDG
70.41	5575220.72	514583.28	202.92	SNDG
70.69	5575220.73	514583.00	203.10	SNDG
70.92	5575220.74	514582.76	203.15	SNDG
71.69	5575220.76	514582.00	203.23	SNDG
72.69	5575220.79	514581.00	203.47	SNDG
73.69	5575220.83	514580.00	203.61	SNDG
76.69	5575220.92	514577.00	203.72	SNDG
82.19	5575221.09	514571.50	202.97	SNDG
83.69	5575221.14	514570.00	202.85	SNDG
84.19	5575221.16	514569.50	202.89	SNDG
84.69	5575221.17	514569.00	203.02	SNDG
86.42	5575221.23	514567.28	203.60	SNDG
87.19	5575221.25	514566.50	203.80	SNDG
88.19	5575221.28	514565.50	203.89	SNDG
93.20	5575221.44	514560.50	204.10	SNDG
98.00	5575221.59	514555.70	205.05	SNDG
98.36	5575221.60	514555.34	205.14	EWAT/1035/110508
103.92	5575221.78	514549.78	208.56	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19.4				
0.00	5575247.40	514805.70	209.43	BOLT/LI19.4L/NF
39.18	5575267.89	514772.31	208.22	CRK/TOP
41.26	5575268.98	514770.54	206.60	CRK/TOE
43.31	5575270.05	514768.79	205.91	SPOT
45.30	5575271.09	514767.09	205.10	EWAT/1236/110508
46.23	5575271.58	514766.30	204.88	SNDG
48.16	5575272.58	514764.66	204.32	SNDG
49.58	5575273.33	514763.45	204.51	SNDG
50.68	5575273.90	514762.51	204.68	SNDG
53.16	5575275.20	514760.40	205.05	SNDG
54.91	5575276.12	514758.90	204.96	SNDG
57.29	5575277.36	514756.88	205.09	EWAT/1241/110508
62.97	5575280.33	514752.04	205.61	GRAV/BAR
68.17	5575283.05	514747.60	205.85	GRAV/BAR
72.43	5575285.28	514743.98	206.20	GRAV/BAR
73.31	5575285.74	514743.22	206.62	GRAV/BAR
79.53	5575288.99	514737.92	206.43	GRAV/BAR
85.99	5575292.37	514732.42	206.03	GRAV/BAR
95.26	5575297.22	514724.51	206.05	GRAV/BAR
100.52	5575299.97	514720.04	206.05	GRAV/BAR
107.63	5575303.70	514713.97	205.65	GRAV/BAR
115.78	5575307.96	514707.03	205.42	EWAT/1251/110508
118.94	5575309.61	514704.33	205.31	SNDG
124.22	5575312.37	514699.83	205.26	SNDG
128.86	5575314.80	514695.88	205.27	SNDG
134.94	5575317.98	514690.69	205.39	EWAT/1255/110508
137.02	5575319.07	514688.92	205.41	GRAV/BAR
140.15	5575320.70	514686.26	205.37	EWAT/11257/110508
147.14	5575324.36	514680.30	205.20	SNDG
151.43	5575326.60	514676.65	205.16	SNDG
156.05	5575329.02	514672.70	205.27	SNDG
161.82	5575332.04	514667.78	205.32	SNDG
165.47	5575333.95	514664.68	205.18	SNDG
168.76	5575335.67	514661.87	204.94	SNDG
172.20	5575337.47	514658.94	204.81	SNDG
173.55	5575338.18	514657.79	204.76	SNDG
174.00	5575338.41	514657.40	204.78	SNDG
180.85	5575341.99	514651.57	204.57	SNDG
183.87	5575343.57	514649.00	204.41	SNDG
187.39	5575345.41	514646.00	204.44	SNDG
188.56	5575346.03	514645.00	204.40	SNDG
189.73	5575346.64	514644.00	204.45	SNDG
196.14	5575349.99	514638.54	204.40	SNDG
196.78	5575350.32	514637.99	204.36	SNDG
197.95	5575350.94	514636.99	204.19	SNDG
200.17	5575352.10	514635.10	203.81	SNDG
201.62	5575352.86	514633.86	203.75	SNDG
202.35	5575353.24	514633.24	203.56	SNDG
203.08	5575353.62	514632.62	203.49	SNDG
203.82	5575354.01	514631.99	203.29	SNDG
206.16	5575355.23	514629.99	203.39	SNDG
206.71	5575355.52	514629.53	203.36	SNDG
208.51	5575356.46	514627.99	203.16	SNDG
209.68	5575357.08	514626.99	202.95	SNDG
210.86	5575357.69	514625.99	203.23	SNDG
213.34	5575358.99	514623.88	204.76	SNDG
214.00	5575359.33	514623.31	205.09	SNDG
214.22	5575359.45	514623.13	205.34	EWAT/1503/110506
214.90	5575359.81	514622.55	207.55	TOP/BANK
216.60	5575360.69	514621.10	208.28	SPOT
217.46	5575361.14	514620.37	208.70	CRK/TOP
220.52	5575362.75	514617.75	209.03	ATEK/157/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19.45				
7.10	5575362.12	514845.94	209.68	SPOT
7.65	5575362.33	514845.43	209.65	CRK/TOP
8.55	5575362.67	514844.60	208.67	SPOT
11.34	5575363.74	514842.02	207.86	SPOT
14.68	5575365.00	514838.94	205.32	EWAT/1627/110506
19.35	5575366.78	514834.61	204.67	SNDG
21.12	5575367.45	514832.98	205.00	SNDG
24.25	5575368.64	514830.08	205.27	EWAT/1313/110508
26.44	5575369.48	514828.05	205.64	GRAV/BAR
28.99	5575370.44	514825.70	205.34	EWAT/1314/110508
30.33	5575370.95	514824.45	205.31	SNDG
32.54	5575371.79	514822.42	205.39	EWAT/1315/110508
37.86	5575373.82	514817.49	205.83	GRAV/BAR
40.97	5575375.00	514814.62	205.93	GRAV/BAR
47.29	5575377.40	514808.77	206.08	GRAV/BAR
51.09	5575378.84	514805.26	206.38	GRAV/BAR
54.70	5575380.21	514801.92	206.95	GRAV/BAR
60.61	5575382.46	514796.46	207.45	GRAV/BAR
68.17	5575385.34	514789.46	207.68	GRAV/BAR
73.66	5575387.42	514784.38	207.60	GRAV/BAR
75.48	5575388.12	514782.70	206.87	GRAV/BAR
78.95	5575389.43	514779.49	206.94	GRAV/BAR
87.25	5575392.59	514771.81	206.59	GRAV/BAR
94.81	5575395.46	514764.82	206.10	GRAV/BAR
101.06	5575397.84	514759.04	205.78	GRAV/BAR
103.85	5575398.90	514756.45	205.53	EWAT/1158/110508
109.25	5575400.95	514751.46	205.38	SNDG
112.53	5575402.20	514748.42	205.39	SNDG
115.85	5575403.46	514745.36	205.24	SNDG
119.53	5575404.86	514741.96	205.07	SNDG
120.00	5575405.04	514741.52	204.86	SNDG
120.55	5575405.25	514741.01	204.76	SNDG
121.63	5575405.66	514740.01	204.49	SNDG
122.71	5575406.07	514739.01	204.32	SNDG
123.79	5575406.48	514738.01	204.34	SNDG
125.96	5575407.30	514736.01	204.57	SNDG
127.27	5575407.80	514734.79	204.65	SNDG
129.20	5575408.54	514733.01	204.74	SNDG
133.53	5575410.18	514729.01	204.82	SNDG
136.77	5575411.41	514726.01	204.77	SNDG
138.93	5575412.23	514724.01	204.61	SNDG
142.60	5575413.63	514720.62	204.81	SNDG
143.36	5575413.92	514719.91	204.81	SNDG
146.50	5575415.11	514717.01	204.62	SNDG
152.56	5575417.41	514711.41	204.59	SNDG
156.23	5575418.81	514708.01	204.49	SNDG
159.48	5575420.04	514705.01	204.64	SNDG
160.23	5575420.33	514704.31	204.59	SNDG
161.09	5575420.66	514703.52	204.81	SNDG
163.61	5575421.61	514701.18	205.49	EWAT/1140/110508
165.35	5575422.28	514699.57	205.47	GRAV/BAR
167.50	5575423.09	514697.58	205.44	EWAT/1138/110508
170.51	5575424.24	514694.80	204.85	SNDG
171.00	5575424.42	514694.35	204.82	SNDG
171.37	5575424.56	514694.00	204.73	SNDG
172.45	5575424.98	514693.00	204.62	SNDG
175.70	5575426.21	514690.00	204.48	SNDG
180.91	5575428.19	514685.19	204.48	SNDG
184.35	5575429.50	514682.00	204.80	SNDG
187.59	5575430.73	514679.00	204.92	SNDG
190.83	5575431.96	514676.00	204.90	SNDG
194.08	5575433.20	514673.00	204.70	SNDG
196.24	5575434.02	514671.00	204.47	SNDG
198.40	5575434.84	514669.00	204.75	SNDG
200.57	5575435.66	514667.00	205.18	SNDG
201.18	5575435.90	514666.43	205.40	EWAT/1547/110506
207.47	5575438.29	514660.61	206.51	CRK/TOE
208.64	5575438.73	514659.54	207.76	SPOT
212.56	5575440.22	514655.91	209.75	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
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Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI19.5				
0.00	5575589.63	514850.37	209.15	BOLT/LI19.5L/NF
48.14	5575587.34	514802.29	209.39	CRK/TOP
54.97	5575587.01	514795.46	206.27	CRK/TOE
57.31	5575586.90	514793.12	206.15	SPOT
59.77	5575586.79	514790.67	205.67	SPOT
64.58	5575586.56	514785.86	205.65	SPOT
65.33	5575586.52	514785.11	205.93	SPOT
67.98	5575586.40	514782.47	205.86	SPOT
70.52	5575586.27	514779.92	205.78	EWAT/1338/110508
73.09	5575586.15	514777.36	205.26	SNDG
74.36	5575586.09	514776.09	205.21	SNDG
75.00	5575586.06	514775.45	205.06	SNDG
76.45	5575585.99	514774.00	204.87	SNDG
81.46	5575585.75	514769.00	204.90	SNDG
85.46	5575585.56	514765.00	204.79	SNDG
90.47	5575585.32	514760.00	205.02	SNDG
95.47	5575585.09	514755.00	205.03	SNDG
99.48	5575584.90	514751.00	205.12	SNDG
103.48	5575584.70	514747.00	205.10	SNDG
105.49	5575584.61	514745.00	205.04	SNDG
106.49	5575584.56	514744.00	205.12	SNDG
111.49	5575584.32	514739.00	205.26	SNDG
115.50	5575584.13	514735.00	205.36	SNDG
117.50	5575584.04	514733.00	205.36	SNDG
118.49	5575583.99	514732.01	205.47	SNDG
120.50	5575583.89	514730.00	205.57	SNDG
121.50	5575583.85	514729.00	205.72	SNDG
122.00	5575583.82	514728.50	205.72	SNDG
123.40	5575583.76	514727.10	205.72	SNDG
125.76	5575583.64	514724.75	205.81	EWAT/1400/110508
129.17	5575583.48	514721.35	205.94	GRAV/BAR
133.53	5575583.27	514716.99	206.05	GRAV/BAR
137.24	5575583.10	514713.28	206.19	GRAV/BAR
142.47	5575582.85	514708.06	206.26	GRAV/BAR
145.59	5575582.70	514704.94	206.24	GRAV/BAR
150.67	5575582.46	514699.87	206.14	GRAV/BAR
152.71	5575582.36	514697.83	206.04	GRAV/BAR
159.71	5575582.03	514690.84	206.09	GRAV/BAR
165.61	5575581.75	514684.95	205.97	GRAV/BAR
167.98	5575581.63	514682.57	205.95	GRAV/BAR
168.23	5575581.62	514682.33	205.63	EWAT/1354/110508
169.81	5575581.55	514680.75	205.29	SNDG
171.67	5575581.46	514678.90	205.27	SNDG
174.03	5575581.35	514676.54	205.09	SNDG
175.00	5575581.30	514675.57	205.17	SNDG
176.57	5575581.22	514674.00	205.15	SNDG
177.57	5575581.18	514673.00	205.08	SNDG
181.56	5575580.99	514669.01	204.52	SNDG
182.57	5575580.94	514668.00	204.28	SNDG
183.57	5575580.89	514667.00	204.15	SNDG
185.58	5575580.80	514665.00	203.99	SNDG
187.58	5575580.70	514663.00	204.06	SNDG
189.58	5575580.60	514661.00	204.73	SNDG
190.58	5575580.56	514660.00	205.11	SNDG
193.00	5575580.44	514657.59	205.46	SNDG
194.27	5575580.38	514656.31	205.61	EWAT/1534/110506
197.70	5575580.22	514652.89	206.18	CRK/TOE
199.63	5575580.13	514650.97	209.42	CRK/TOP
201.07	5575580.06	514649.52	209.82	ATEK/159/SPIKE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI20				
0.00	5575807.58	514699.70	209.84	REBAR/LI20L/NF
28.94	5575789.85	514676.83	209.39	CRK/TOP
30.38	5575788.97	514675.69	208.49	SPOT
32.24	5575787.83	514674.22	206.05	EWAT/1616/110509
34.12	5575786.68	514672.74	204.77	SNDG
34.42	5575786.50	514672.50	204.75	SNDG
38.69	5575783.88	514669.12	204.34	SNDG
40.11	5575783.01	514668.00	204.07	SNDG
40.83	5575782.57	514667.43	204.20	SNDG
42.26	5575781.70	514666.31	204.07	SNDG
43.39	5575781.00	514665.41	204.04	SNDG
44.39	5575780.39	514664.62	204.08	SNDG
47.96	5575778.20	514661.80	204.44	SNDG
48.67	5575777.77	514661.24	204.42	SNDG
49.38	5575777.33	514660.67	204.51	SNDG
50.23	5575776.81	514660.00	204.53	SNDG
51.55	5575776.00	514658.96	204.67	SNDG
52.23	5575775.58	514658.42	204.66	SNDG
56.51	5575772.96	514655.04	204.81	SNDG
57.94	5575772.09	514653.91	204.74	SNDG
61.50	5575769.91	514651.10	204.86	SNDG
62.89	5575769.06	514650.00	204.81	SNDG
63.64	5575768.60	514649.41	204.87	SNDG
64.35	5575768.16	514648.84	204.86	SNDG
65.06	5575767.72	514648.28	204.94	SNDG
65.78	5575767.29	514647.72	204.90	SNDG
66.49	5575766.85	514647.15	204.99	SNDG
67.95	5575765.96	514646.00	205.04	SNDG
68.63	5575765.54	514645.46	204.99	SNDG
73.00	5575762.86	514642.01	205.12	SNDG
78.00	5575759.80	514638.05	205.35	SNDG
78.99	5575759.19	514637.28	205.40	SNDG
82.23	5575757.21	514634.71	205.56	SNDG
87.44	5575754.02	514630.60	205.74	SNDG
92.97	5575750.63	514626.23	205.86	SNDG
99.89	5575746.39	514620.76	206.03	SNDG
107.24	5575741.88	514614.95	206.03	SNDG
116.05	5575736.49	514607.98	205.99	SNDG
118.65	5575734.89	514605.93	205.83	SNDG
120.09	5575734.01	514604.79	205.45	SNDG
121.66	5575733.05	514603.54	205.19	SNDG
123.62	5575731.85	514602.00	204.94	SNDG
124.92	5575731.05	514600.97	205.26	SNDG
126.45	5575730.12	514599.77	205.61	SNDG
127.31	5575729.59	514599.08	205.95	EWAT/1625/110509
128.73	5575728.72	514597.96	206.59	CRK/TOE
131.27	5575727.16	514595.96	208.84	SPOT
133.00	5575726.10	514594.59	209.65	CRK/TOP
134.13	5575725.41	514593.69	209.84	ATEK/203/SPIKE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI20.5				
2.44	5575974.87	514475.19	210.38	CRK/TOP
5.25	5575972.54	514473.61	208.64	SPOT
6.68	5575971.37	514472.80	207.42	SPOT
8.81	5575969.61	514471.60	206.29	EWAT/1725/110508
9.54	5575969.00	514471.19	205.55	SNDG
10.75	5575968.00	514470.50	204.42	SNDG
11.12	5575967.70	514470.30	204.16	SNDG
11.84	5575967.11	514469.89	204.00	SNDG
14.00	5575965.32	514468.68	204.16	SNDG
15.20	5575964.33	514468.00	204.39	SNDG
16.87	5575962.95	514467.06	204.53	SNDG
19.75	5575960.57	514465.43	204.57	SNDG
20.44	5575960.00	514465.05	204.62	SNDG
21.91	5575958.78	514464.22	204.53	SNDG
24.07	5575957.00	514463.00	204.61	SNDG
27.67	5575954.03	514460.97	204.57	SNDG
29.39	5575952.61	514460.00	204.64	SNDG
32.55	5575950.00	514458.22	204.68	SNDG
33.43	5575949.27	514457.73	204.77	SNDG
37.02	5575946.30	514455.70	204.78	SNDG
37.74	5575945.71	514455.29	204.86	SNDG
39.90	5575943.93	514454.08	205.24	SNDG
40.62	5575943.33	514453.67	205.22	SNDG
41.34	5575942.74	514453.26	205.29	SNDG
42.78	5575941.55	514452.45	205.34	SNDG
44.94	5575939.76	514451.24	205.35	SNDG
45.86	5575939.00	514450.72	205.45	SNDG
46.38	5575938.58	514450.43	205.41	SNDG
47.13	5575937.95	514450.00	205.44	SNDG
48.00	5575937.24	514449.51	205.38	SNDG
48.81	5575936.57	514449.05	205.38	SNDG
51.23	5575934.57	514447.69	205.61	SNDG
53.72	5575932.51	514446.29	205.79	SNDG
55.39	5575931.13	514445.35	205.92	SNDG
56.43	5575930.27	514444.76	205.99	SNDG
58.82	5575928.29	514443.41	206.13	SNDG
59.79	5575927.49	514442.86	206.15	SNDG
62.48	5575925.27	514441.35	206.16	SNDG
66.64	5575921.84	514439.00	206.18	SNDG
69.62	5575919.38	514437.32	206.14	SNDG
73.39	5575916.26	514435.20	206.07	SNDG
77.17	5575913.14	514433.07	206.26	EWAT/1740/110508
79.41	5575911.29	514431.80	206.52	SPOT
82.45	5575908.78	514430.09	206.83	SPOT
87.25	5575904.82	514427.39	207.35	SPOT
91.23	5575901.53	514425.15	207.38	SPOT
93.94	5575899.29	514423.62	207.53	SPOT
97.25	5575896.55	514421.75	207.52	SPOT
99.59	5575894.62	514420.43	207.72	SPOT
100.56	5575893.82	514419.88	207.98	SPOT
102.93	5575891.86	514418.55	208.07	SPOT
104.51	5575890.56	514417.66	207.94	SPOT
109.40	5575886.52	514414.90	208.03	SPOT
111.99	5575884.38	514413.44	208.54	SPOT
114.36	5575882.42	514412.10	208.76	SPOT
116.01	5575881.06	514411.18	209.42	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI21				
0.00	5576144.92	514016.64	210.08	REBAR/LI21L/NF
8.35	5576136.81	514014.64	209.97	CRK/TOP
10.52	5576134.71	514014.12	209.25	SPOT
11.82	5576133.45	514013.81	207.78	CRK/TOE
15.63	5576129.75	514012.90	207.14	SPOT
16.86	5576128.56	514012.61	206.62	EWAT/1556/110508
17.60	5576127.83	514012.43	206.42	SNDG
20.67	5576124.85	514011.70	206.20	SNDG
21.49	5576124.06	514011.50	205.85	SNDG
23.45	5576122.15	514011.03	205.79	SNDG
24.16	5576121.46	514010.86	205.68	SNDG
25.00	5576120.65	514010.66	205.82	SNDG
26.91	5576118.80	514010.20	205.87	SNDG
29.39	5576116.39	514009.61	205.83	SNDG
31.85	5576114.00	514009.02	205.90	SNDG
34.94	5576111.00	514008.28	205.87	SNDG
38.03	5576108.00	514007.54	205.99	SNDG
40.09	5576106.00	514007.05	206.01	SNDG
41.12	5576105.00	514006.80	205.97	SNDG
43.18	5576103.00	514006.31	205.75	SNDG
44.26	5576101.95	514006.05	205.73	SNDG
45.24	5576101.00	514005.82	205.85	SNDG
48.39	5576097.94	514005.06	205.69	SNDG
52.45	5576094.00	514004.09	205.69	SNDG
54.51	5576092.00	514003.60	205.39	SNDG
55.54	5576091.00	514003.35	205.34	SNDG
59.96	5576086.70	514002.30	205.35	SNDG
62.44	5576084.30	514001.70	205.28	SNDG
64.09	5576082.69	514001.31	205.39	SNDG
67.40	5576079.48	514000.52	205.27	SNDG
69.88	5576077.08	513999.92	205.36	SNDG
72.35	5576074.67	513999.33	205.54	SNDG
80.00	5576067.25	513997.50	205.92	SNDG
81.11	5576066.17	513997.24	205.96	SNDG
85.39	5576062.01	513996.21	206.16	SNDG
90.82	5576056.75	513994.91	206.59	EWAT/1609/110508
96.01	5576051.70	513993.67	207.04	GRAV/BAR
99.50	5576048.31	513992.84	207.01	GRAV/BAR
104.30	5576043.66	513991.69	206.78	GRAV/BAR
106.33	5576041.68	513991.20	206.59	EWAT/1607/110508
111.24	5576036.91	513990.03	206.35	SNDG
114.88	5576033.38	513989.16	205.94	SNDG
116.32	5576031.99	513988.81	206.20	SNDG
116.95	5576031.37	513988.66	206.59	EWAT/1604/110508
120.91	5576027.53	513987.71	209.88	CRK/TOP
123.09	5576025.41	513987.19	210.32	ATEK/204/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI22				
18.28	5576559.45	513524.98	211.13	CRK/TOP
18.58	5576559.32	513524.70	210.03	SPOT
20.91	5576558.33	513522.60	208.23	SPOT
23.04	5576557.42	513520.67	207.70	SPOT
23.22	5576557.35	513520.51	207.21	EWAT/1523/110508
24.53	5576556.79	513519.32	206.37	SNDG
26.19	5576556.08	513517.82	206.20	SNDG
27.00	5576555.74	513517.09	206.22	SNDG
29.30	5576554.75	513515.00	206.27	SNDG
31.51	5576553.81	513513.00	206.28	SNDG
32.62	5576553.34	513512.00	206.22	SNDG
34.83	5576552.40	513510.00	205.95	SNDG
36.63	5576551.63	513508.37	205.87	SNDG
38.17	5576550.98	513506.98	205.69	SNDG
39.25	5576550.52	513506.00	205.82	SNDG
41.46	5576549.58	513504.00	205.91	SNDG
43.67	5576548.64	513502.00	206.11	SNDG
44.78	5576548.17	513501.00	206.00	SNDG
45.88	5576547.69	513500.00	205.77	SNDG
46.99	5576547.22	513499.00	205.90	SNDG
48.09	5576546.75	513498.00	205.81	SNDG
50.30	5576545.81	513496.00	205.91	SNDG
58.04	5576542.52	513489.00	205.92	SNDG
61.36	5576541.11	513486.00	205.79	SNDG
62.46	5576540.63	513485.00	205.69	SNDG
64.67	5576539.69	513483.00	205.76	SNDG
66.88	5576538.75	513481.00	205.76	SNDG
68.95	5576537.87	513479.13	205.83	SNDG
71.30	5576536.87	513477.00	205.86	SNDG
74.62	5576535.46	513474.00	205.75	SNDG
77.93	5576534.04	513471.00	205.75	SNDG
80.14	5576533.10	513469.00	206.02	SNDG
83.46	5576531.69	513466.00	206.10	SNDG
88.00	5576529.76	513461.89	206.62	SNDG
88.95	5576529.35	513461.03	206.86	SNDG
89.60	5576529.08	513460.44	206.96	SNDG
90.62	5576528.64	513459.52	207.20	EWAT/1307/110508
90.82	5576528.56	513459.34	207.45	SPOT
92.41	5576527.88	513457.90	207.78	SPOT
93.95	5576527.23	513456.51	208.02	SPOT
96.08	5576526.32	513454.58	208.16	SPOT
98.91	5576525.11	513452.02	208.26	SPOT
103.10	5576523.33	513448.23	208.44	SPOT
105.62	5576522.25	513445.95	208.53	SPOT
109.04	5576520.80	513442.85	208.46	SPOT
110.09	5576520.35	513441.91	208.21	SPOT
111.30	5576519.83	513440.81	208.16	SPOT
113.61	5576518.85	513438.72	208.35	SPOT
115.29	5576518.14	513437.20	208.80	SPOT
115.94	5576517.86	513436.61	208.86	SPOT
118.05	5576516.96	513434.71	208.98	SPOT
119.40	5576516.39	513433.48	208.98	SPOT
121.44	5576515.52	513431.64	208.81	SPOT
122.97	5576514.86	513430.25	208.72	SPOT
126.10	5576513.53	513427.42	208.84	SPOT
128.60	5576512.47	513425.16	209.08	SPOT
131.70	5576511.15	513422.35	209.28	SPOT
135.26	5576509.63	513419.13	209.38	SPOT
139.98	5576507.62	513414.86	209.49	SPOT
143.59	5576506.08	513411.59	209.57	SPOT
145.52	5576505.26	513409.85	209.58	SPOT
147.56	5576504.40	513408.01	209.21	TOP/BANK
148.94	5576503.81	513406.75	208.61	SPOT
149.88	5576503.41	513405.90	207.28	TOE/BANK
152.36	5576502.35	513403.66	207.24	SPOT
155.14	5576501.16	513401.14	207.36	TOE/BANK
157.27	5576500.26	513399.22	208.49	TOP/BANK
160.25	5576498.99	513396.52	208.76	SPOT
164.00	5576497.39	513393.13	208.69	CRK/TOE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
166.21	5576496.45	513391.13	209.61	SPOT
167.67	5576495.83	513389.81	209.83	SPOT
168.86	5576495.32	513388.73	210.46	CRK/TOP
171.78	5576494.08	513386.09	210.59	ATEK/189/SPIKE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI22.1				
16.89	5576749.87	513475.73	210.90	CRK/TOP
17.10	5576749.81	513475.53	209.84	SPOT
20.41	5576748.86	513472.35	208.94	SPOT
21.56	5576748.53	513471.25	207.34	EWAT/1431/110508
22.49	5576748.26	513470.36	206.42	SNDG
23.86	5576747.87	513469.05	206.36	SNDG
24.00	5576747.83	513468.91	206.09	SNDG
24.95	5576747.55	513468.00	205.75	SNDG
26.00	5576747.26	513467.00	205.75	SNDG
26.89	5576747.00	513466.15	205.59	SNDG
27.04	5576746.96	513466.00	205.54	SNDG
27.81	5576746.74	513465.26	205.09	SNDG
28.61	5576746.51	513464.50	204.89	SNDG
29.13	5576746.36	513464.00	204.88	SNDG
30.22	5576746.05	513462.96	204.91	SNDG
33.30	5576745.16	513460.00	205.26	SNDG
34.35	5576744.86	513459.00	205.33	SNDG
35.04	5576744.66	513458.34	205.29	SNDG
35.39	5576744.56	513458.00	205.33	SNDG
36.04	5576744.38	513457.38	205.29	SNDG
37.48	5576743.96	513456.00	205.32	SNDG
38.52	5576743.67	513455.00	205.26	SNDG
40.66	5576743.05	513452.95	205.39	SNDG
42.70	5576742.47	513451.00	205.36	SNDG
43.49	5576742.24	513450.24	205.43	SNDG
44.79	5576741.87	513449.00	205.42	SNDG
46.87	5576741.27	513447.00	205.59	SNDG
47.90	5576740.98	513446.02	205.45	SNDG
50.31	5576740.29	513443.71	205.67	SNDG
52.72	5576739.60	513441.40	206.00	SNDG
54.18	5576739.18	513440.00	206.12	SNDG
60.75	5576737.30	513433.71	206.52	SNDG
62.53	5576736.79	513432.00	206.58	SNDG
65.57	5576735.91	513429.09	206.80	SNDG
67.75	5576735.29	513427.00	206.76	SNDG
69.00	5576734.93	513425.80	206.92	SNDG
69.57	5576734.77	513425.26	207.02	SNDG
73.63	5576733.60	513421.36	207.21	SNDG
78.12	5576732.32	513417.06	207.33	EWAT/1240/110508
79.80	5576731.84	513415.46	207.36	SPOT
84.02	5576730.63	513411.41	207.47	SPOT
88.66	5576729.30	513406.97	207.47	SPOT
91.97	5576728.35	513403.80	207.55	SPOT
94.05	5576727.75	513401.81	207.68	SPOT
97.99	5576726.62	513398.03	207.86	SPOT
101.74	5576725.55	513394.43	207.95	SPOT
106.99	5576724.04	513389.41	208.17	SPOT
110.52	5576723.03	513386.03	208.38	SPOT
112.81	5576722.37	513383.83	208.66	SPOT
119.67	5576720.41	513377.26	208.97	SPOT
121.38	5576719.92	513375.62	209.09	SPOT
124.16	5576719.12	513372.96	209.20	SPOT
125.45	5576718.75	513371.72	209.30	SPOT
126.49	5576718.45	513370.72	209.26	SPOT
127.64	5576718.13	513369.63	209.37	SPOT
129.44	5576717.61	513367.90	209.29	SPOT
133.59	5576716.42	513363.92	209.35	SPOT
135.72	5576715.81	513361.88	209.40	SPOT
138.43	5576715.03	513359.29	209.43	SPOT
140.91	5576714.32	513356.91	209.46	SPOT
145.02	5576713.14	513352.97	209.51	SPOT
146.82	5576712.63	513351.25	209.68	SPOT
151.28	5576711.35	513346.98	209.59	SPOT
153.82	5576710.62	513344.54	209.71	SPOT
155.43	5576710.16	513343.00	209.64	SPOT
156.96	5576709.72	513341.53	209.30	SPOT
158.16	5576709.38	513340.38	209.40	SPOT
159.85	5576708.89	513338.76	209.51	SPOT
162.58	5576708.11	513336.15	209.50	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
163.94	5576707.72	513334.84	209.64	SPOT
169.11	5576706.24	513329.89	209.49	SPOT
172.98	5576705.13	513326.19	209.37	SPOT
175.45	5576704.42	513323.82	209.19	SPOT
177.40	5576703.86	513321.95	209.20	SPOT
179.13	5576703.37	513320.29	208.59	SPOT
180.92	5576702.85	513318.57	208.91	SPOT
182.54	5576702.39	513317.03	208.83	CRK/TOE
184.48	5576701.83	513315.17	209.35	SPOT
186.83	5576701.16	513312.92	209.72	SPOT
189.90	5576700.28	513309.98	210.13	SPOT
194.00	5576699.11	513306.05	210.92	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI23				
13.98	5577199.78	513072.66	211.57	SPOT
17.40	5577197.36	513070.24	211.27	SPOT
19.33	5577196.00	513068.87	210.55	SPOT
24.66	5577192.24	513065.10	210.06	SPOT
26.54	5577190.91	513063.77	209.17	SPOT
28.37	5577189.62	513062.47	208.32	SPOT
30.51	5577188.11	513060.96	208.11	EWAT/1709/110522
32.86	5577186.45	513059.29	207.92	SNDG
35.41	5577184.65	513057.48	207.82	SNDG
38.72	5577182.31	513055.14	207.78	SNDG
42.44	5577179.69	513052.51	207.74	SNDG
46.13	5577177.08	513049.89	207.70	SNDG
49.15	5577174.95	513047.75	207.64	SNDG
53.44	5577171.92	513044.72	207.63	SNDG
57.80	5577168.84	513041.63	207.53	SNDG
61.33	5577166.35	513039.13	207.41	SNDG
64.40	5577164.18	513036.95	207.36	SNDG
66.00	5577163.05	513035.82	207.34	SNDG
70.86	5577159.62	513032.38	207.17	SNDG
72.81	5577158.24	513031.00	207.19	SNDG
86.42	5577148.64	513021.36	206.76	SNDG
90.66	5577145.64	513018.36	206.57	SNDG
94.40	5577143.00	513015.71	206.32	SNDG
95.61	5577142.15	513014.85	206.30	SNDG
97.94	5577140.50	513013.20	206.10	SNDG
100.91	5577138.40	513011.10	206.10	SNDG
102.68	5577137.15	513009.85	206.17	SNDG
105.15	5577135.41	513008.09	205.98	SNDG
105.86	5577134.91	513007.59	206.02	SNDG
107.41	5577133.82	513006.50	205.96	SNDG
113.52	5577129.50	513002.17	205.96	SNDG
114.23	5577129.00	513001.67	205.90	SNDG
115.17	5577128.33	513001.00	205.73	SNDG
115.76	5577127.92	513000.58	205.75	SNDG
116.58	5577127.34	513000.00	205.85	SNDG
117.00	5577127.04	512999.71	206.01	SNDG
117.35	5577126.79	512999.46	206.38	SNDG
118.65	5577125.88	512998.54	206.96	SNDG
119.82	5577125.05	512997.71	208.11	EWAT/1658/110522
122.51	5577123.15	512995.80	209.19	SPOT
124.04	5577122.07	512994.72	210.47	SPOT
125.81	5577120.82	512993.47	211.11	SPOT
127.05	5577119.95	512992.59	211.38	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI24				
0.00	5577911.74	512533.04	212.11	BOLT/LI24L
2.61	5577910.15	512530.97	212.23	CRK/TOP
4.02	5577909.28	512529.85	211.54	SPOT
6.64	5577907.68	512527.78	209.02	CRK/TOE
7.92	5577906.90	512526.77	208.80	SPOT
8.71	5577906.42	512526.15	208.61	SPOT
9.49	5577905.95	512525.53	208.28	EWAT/1505/110509
11.18	5577904.91	512524.19	207.76	SNDG
12.64	5577904.02	512523.03	207.03	SNDG
13.00	5577903.80	512522.75	207.09	SNDG
13.39	5577903.56	512522.44	207.02	SNDG
14.82	5577902.69	512521.31	206.92	SNDG
16.24	5577901.82	512520.18	206.93	SNDG
20.52	5577899.21	512516.80	207.12	SNDG
24.05	5577897.05	512514.00	206.98	SNDG
25.31	5577896.28	512513.00	206.97	SNDG
27.84	5577894.73	512511.00	206.81	SNDG
29.10	5577893.96	512510.00	206.80	SNDG
30.68	5577893.00	512508.75	206.91	SNDG
32.31	5577892.00	512507.46	206.86	SNDG
34.15	5577890.88	512506.00	206.94	SNDG
36.21	5577889.62	512504.38	206.91	SNDG
36.92	5577889.19	512503.81	206.97	SNDG
37.63	5577888.75	512503.25	206.94	SNDG
38.34	5577888.32	512502.68	206.82	SNDG
39.77	5577887.45	512501.55	206.99	SNDG
40.47	5577887.02	512501.00	206.94	SNDG
41.73	5577886.25	512500.00	207.05	SNDG
43.00	5577885.48	512499.00	207.07	SNDG
44.26	5577884.70	512498.00	206.98	SNDG
45.52	5577883.93	512497.00	206.78	SNDG
46.79	5577883.16	512496.00	206.88	SNDG
49.04	5577881.78	512494.22	207.15	SNDG
49.75	5577881.35	512493.65	207.04	SNDG
50.46	5577880.91	512493.09	207.16	SNDG
51.18	5577880.48	512492.52	207.00	SNDG
52.60	5577879.61	512491.39	207.07	SNDG
54.74	5577878.30	512489.70	206.99	SNDG
56.17	5577877.43	512488.57	206.98	SNDG
56.87	5577877.00	512488.02	206.91	SNDG
57.59	5577876.56	512487.44	206.95	SNDG
59.42	5577875.44	512486.00	206.90	SNDG
60.45	5577874.82	512485.19	206.97	SNDG
61.16	5577874.38	512484.62	207.07	SNDG
63.30	5577873.07	512482.93	206.93	SNDG
64.72	5577872.20	512481.80	207.03	SNDG
65.44	5577871.77	512481.23	207.13	SNDG
69.52	5577869.27	512478.00	207.06	SNDG
71.60	5577868.00	512476.35	207.12	SNDG
73.31	5577866.96	512475.00	207.11	SNDG
73.99	5577866.54	512474.46	207.17	SNDG
76.84	5577864.80	512472.20	207.65	SNDG
77.98	5577864.10	512471.31	207.59	SNDG
79.29	5577863.30	512470.27	207.32	SNDG
80.25	5577862.71	512469.50	207.63	SNDG
81.64	5577861.87	512468.41	208.26	EWAT/1511/110509
84.13	5577860.35	512466.44	210.29	SPOT
86.37	5577858.98	512464.66	211.62	CRK/TOP
89.07	5577857.33	512462.53	211.94	ATEK/188/SPIKE/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI24.1				
1.31	5578170.91	512344.88	212.20	CRK/TOP
2.38	5578170.09	512344.18	211.18	SPOT
3.72	5578169.07	512343.32	210.95	SPOT
4.18	5578168.72	512343.02	210.17	SPOT
7.15	5578166.45	512341.11	208.77	CRK/TOE
11.99	5578162.76	512337.98	208.90	SPOT
15.14	5578160.36	512335.95	209.06	SPOT
20.04	5578156.61	512332.78	209.35	SPOT
25.85	5578152.17	512329.03	209.43	SPOT
33.08	5578146.66	512324.36	209.54	SPOT
39.80	5578141.53	512320.02	209.63	SPOT
46.96	5578136.06	512315.39	209.71	SPOT
54.93	5578129.98	512310.25	209.61	SPOT
66.15	5578121.41	512303.00	209.31	SPOT
68.65	5578119.50	512301.39	209.24	SPOT
74.01	5578115.40	512297.93	208.94	SPOT
78.83	5578111.73	512294.81	208.89	SPOT
79.93	5578110.89	512294.10	208.51	EWAT/1422/110509
80.74	5578110.27	512293.58	208.35	SNDG
83.68	5578108.03	512291.68	207.80	SNDG
85.63	5578106.53	512290.42	207.54	SNDG
86.00	5578106.25	512290.18	207.48	SNDG
90.56	5578102.77	512287.24	206.99	SNDG
94.02	5578100.12	512285.00	206.88	SNDG
97.12	5578097.76	512283.00	206.94	SNDG
98.37	5578096.81	512282.19	206.85	SNDG
101.21	5578094.64	512280.36	206.91	SNDG
101.92	5578094.10	512279.90	206.82	SNDG
102.63	5578093.56	512279.45	206.86	SNDG
104.05	5578092.47	512278.53	206.83	SNDG
104.76	5578091.93	512278.07	206.90	SNDG
105.47	5578091.39	512277.61	206.83	SNDG
108.59	5578089.00	512275.59	207.01	SNDG
109.90	5578088.00	512274.75	206.97	SNDG
110.43	5578087.60	512274.40	207.07	SNDG
111.14	5578087.05	512273.95	206.92	SNDG
112.56	5578085.97	512273.03	206.92	SNDG
113.27	5578085.43	512272.57	207.04	SNDG
113.98	5578084.89	512272.11	207.10	SNDG
120.35	5578080.02	512268.00	207.45	SNDG
123.20	5578077.84	512266.16	207.45	SNDG
124.31	5578077.00	512265.44	207.40	SNDG
124.62	5578076.76	512265.24	207.44	SNDG
125.33	5578076.22	512264.78	207.36	SNDG
126.04	5578075.68	512264.32	207.43	SNDG
128.17	5578074.05	512262.95	207.41	SNDG
131.19	5578071.75	512261.00	207.20	SNDG
132.43	5578070.80	512260.20	207.06	SNDG
133.14	5578070.26	512259.74	207.14	SNDG
136.00	5578068.07	512257.89	208.13	SNDG
136.89	5578067.40	512257.32	208.45	EWAT/1432/110509
138.55	5578066.13	512256.24	210.08	SPOT
142.73	5578062.94	512253.55	211.95	CRK/TOP/STAKE 24.1

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI25				
0.00	5578287.07	512164.80	212.79	REBAR/LI25L/NF
2.00	5578285.48	512163.59	213.07	CRK/TOP
7.22	5578281.32	512160.44	210.17	SPOT
7.85	5578280.82	512160.06	209.01	CRK/TOE
10.12	5578279.01	512158.69	208.96	SPOT
12.29	5578277.28	512157.38	208.30	SPOT
14.29	5578275.69	512156.17	208.92	SPOT
16.15	5578274.20	512155.05	208.95	SPOT
16.90	5578273.60	512154.59	208.73	EWAT/1331/110509
18.00	5578272.73	512153.93	208.39	SNDG
18.91	5578272.00	512153.38	208.12	SNDG
20.17	5578271.00	512152.62	207.90	SNDG
21.32	5578270.08	512151.92	207.76	SNDG
22.04	5578269.51	512151.49	207.73	SNDG
26.32	5578266.10	512148.90	207.83	SNDG
27.75	5578264.96	512148.04	207.78	SNDG
28.46	5578264.39	512147.61	207.69	SNDG
28.95	5578264.00	512147.31	207.53	SNDG
29.89	5578263.25	512146.75	207.15	SNDG
30.60	5578262.68	512146.32	206.80	SNDG
31.32	5578262.11	512145.89	206.58	SNDG
32.03	5578261.55	512145.45	206.42	SNDG
32.78	5578260.95	512145.00	206.36	SNDG
33.46	5578260.41	512144.59	206.37	SNDG
35.22	5578259.00	512143.53	206.51	SNDG
42.02	5578253.58	512139.42	206.57	SNDG
44.16	5578251.87	512138.13	206.71	SNDG
45.59	5578250.74	512137.26	206.89	SNDG
47.73	5578249.03	512135.97	207.04	SNDG
49.02	5578248.00	512135.19	207.05	SNDG
50.28	5578247.00	512134.43	206.99	SNDG
51.30	5578246.19	512133.82	207.05	SNDG
53.44	5578244.48	512132.52	206.89	SNDG
54.87	5578243.34	512131.66	206.90	SNDG
57.81	5578241.00	512129.89	207.14	SNDG
59.87	5578239.36	512128.64	207.14	SNDG
64.15	5578235.94	512126.06	207.28	SNDG
65.33	5578235.00	512125.34	207.25	SNDG
67.72	5578233.10	512123.90	207.27	SNDG
69.15	5578231.96	512123.04	207.39	SNDG
72.71	5578229.12	512120.88	207.47	SNDG
75.57	5578226.84	512119.16	207.72	SNDG
77.00	5578225.70	512118.30	207.72	SNDG
77.88	5578225.00	512117.76	207.78	SNDG
80.00	5578223.31	512116.48	208.04	SNDG
80.87	5578222.62	512115.96	208.02	SNDG
81.46	5578222.15	512115.60	208.69	EWAT/1328/110509
87.27	5578217.52	512112.09	212.44	CRK/TOP
106.45	5578202.23	512100.51	214.48	ATEK/186/REBAR/LI25R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI26				
0.00	5578432.23	511883.97	212.58	REBAR/LI26L
1.34	5578431.41	511882.91	212.52	CRK/TOP
2.84	5578430.49	511881.73	212.06	SPOT
4.53	5578429.45	511880.39	211.69	SPOT
5.47	5578428.87	511879.65	211.09	SPOT
7.36	5578427.71	511878.15	210.59	SPOT
8.65	5578426.92	511877.14	209.57	CRK/TOE
9.67	5578426.29	511876.33	209.22	SPOT
10.77	5578425.62	511875.46	209.05	SPOT
11.20	5578425.35	511875.12	208.85	EWAT/1245/110509
12.07	5578424.82	511874.44	208.57	SNDG
13.53	5578423.93	511873.28	208.13	SNDG
14.00	5578423.64	511872.91	208.22	SNDG
15.82	5578422.52	511871.48	208.00	SNDG
17.96	5578421.21	511869.79	207.64	SNDG
18.96	5578420.59	511869.00	207.59	SNDG
20.09	5578419.90	511868.10	207.62	SNDG
20.81	5578419.46	511867.54	207.54	SNDG
21.49	5578419.04	511867.00	207.66	SNDG
23.66	5578417.71	511865.29	207.62	SNDG
24.37	5578417.27	511864.73	207.72	SNDG
25.79	5578416.40	511863.60	207.71	SNDG
30.78	5578413.33	511859.67	207.83	SNDG
33.63	5578411.58	511857.42	207.73	SNDG
37.20	5578409.40	511854.60	207.84	SNDG
42.73	5578406.00	511850.24	207.68	SNDG
47.61	5578403.00	511846.38	207.44	SNDG
49.24	5578402.00	511845.10	207.50	SNDG
52.16	5578400.21	511842.79	207.41	SNDG
54.30	5578398.90	511841.10	207.47	SNDG
55.00	5578398.47	511840.55	207.33	SNDG
56.44	5578397.58	511839.42	207.33	SNDG
57.15	5578397.15	511838.85	207.23	SNDG
59.29	5578395.83	511837.17	207.26	SNDG
60.64	5578395.00	511836.10	207.07	SNDG
62.14	5578394.08	511834.92	207.00	SNDG
63.30	5578393.37	511834.00	207.02	SNDG
67.10	5578391.04	511831.00	207.23	SNDG
68.55	5578390.15	511829.85	207.17	SNDG
69.98	5578389.27	511828.73	207.20	SNDG
70.69	5578388.83	511828.17	207.26	SNDG
72.05	5578388.00	511827.10	207.47	SNDG
74.96	5578386.21	511824.79	208.03	SNDG
76.39	5578385.33	511823.67	208.17	SNDG
77.82	5578384.46	511822.54	208.21	SNDG
79.24	5578383.58	511821.42	208.19	SNDG
81.38	5578382.27	511819.73	207.90	SNDG
82.09	5578381.83	511819.17	207.92	SNDG
83.45	5578381.00	511818.10	208.32	SNDG
84.24	5578380.51	511817.47	208.89	EWAT/1249/110509
91.50	5578376.06	511811.74	212.72	CRK/TOP
107.64	5578366.15	511799.00	212.37	REBAR/LI26R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI26.1				
0.00	5578680.13	511771.93	212.73	BOLT/LI26.1L
6.36	5578677.10	511766.34	212.88	CRK/TOP
7.91	5578676.36	511764.98	210.68	CRK/TOE
10.25	5578675.24	511762.93	210.06	SPOT
11.64	5578674.58	511761.71	209.11	EWAT/1216/110509
12.00	5578674.41	511761.39	208.99	SNDG
13.58	5578673.65	511760.00	208.58	SNDG
15.53	5578672.72	511758.28	207.84	SNDG
16.27	5578672.37	511757.63	207.74	SNDG
22.68	5578669.31	511752.00	207.63	SNDG
24.96	5578668.22	511750.00	207.53	SNDG
26.10	5578667.68	511749.00	207.59	SNDG
28.81	5578666.38	511746.62	207.87	SNDG
30.65	5578665.51	511745.00	207.99	SNDG
32.50	5578664.62	511743.38	208.00	SNDG
35.45	5578663.22	511740.79	207.90	SNDG
39.75	5578661.16	511737.00	208.06	SNDG
45.03	5578658.64	511732.36	207.99	SNDG
49.46	5578656.53	511728.47	208.10	SNDG
56.82	5578653.01	511722.00	208.38	SNDG
63.65	5578649.75	511716.00	208.57	SNDG
67.89	5578647.73	511712.27	208.51	SNDG
70.00	5578646.72	511710.42	208.83	SNDG
71.11	5578646.19	511709.45	209.00	EWAT/1205/110509
73.34	5578645.13	511707.48	212.12	CRK/TOP
74.70	5578644.48	511706.29	212.52	BOLT/LI26.1R
75.84	5578643.94	511705.29	213.26	TOP/BANK
77.58	5578643.10	511703.76	213.23	TOP/BANK
80.44	5578641.74	511701.24	212.18	TOE/BANK

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI27				
0.00	5579120.52	511574.89	213.42	REBAR/LI27L/NF
4.42	5579119.22	511570.67	213.84	CRK/TOP
5.11	5579119.02	511570.01	212.59	SPOT
6.23	5579118.69	511568.94	212.42	SPOT
7.18	5579118.41	511568.03	212.24	SPOT
9.61	5579117.69	511565.70	209.47	EWAT/1832/110510
11.11	5579117.25	511564.28	209.03	SNDG
12.67	5579116.80	511562.79	208.34	SNDG
13.00	5579116.70	511562.47	208.58	SNDG
13.93	5579116.43	511561.58	208.61	SNDG
15.59	5579115.94	511560.00	208.39	SNDG
17.68	5579115.32	511558.00	208.03	SNDG
20.82	5579114.40	511555.00	207.96	SNDG
22.91	5579113.78	511553.00	208.07	SNDG
23.96	5579113.48	511552.00	208.06	SNDG
26.28	5579112.79	511549.78	208.20	SNDG
27.79	5579112.35	511548.34	208.14	SNDG
28.33	5579112.19	511547.82	208.20	SNDG
29.13	5579111.95	511547.05	208.36	SNDG
34.73	5579110.31	511541.70	208.58	SNDG
41.74	5579108.24	511535.00	208.56	SNDG
51.16	5579105.47	511526.00	208.72	SNDG
55.34	5579104.24	511522.00	208.73	SNDG
67.90	5579100.55	511510.00	208.89	SNDG
70.74	5579099.72	511507.29	208.83	SNDG
73.13	5579099.01	511505.00	208.67	SNDG
74.00	5579098.76	511504.17	208.66	SNDG
74.33	5579098.66	511503.85	208.81	SNDG
75.69	5579098.26	511502.56	208.67	SNDG
77.11	5579097.84	511501.19	209.47	EWAT/1828/110510
79.72	5579097.07	511498.70	213.40	CRK/TOP
80.83	5579096.75	511497.64	213.11	ATEK/266/REBAR/LI27R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI28				
0.00	5579901.24	511262.97	214.39	REBAR/LI28L
0.62	5579900.97	511262.41	214.07	CRK/TOP
3.59	5579899.63	511259.77	211.14	SPOT
4.58	5579899.18	511258.88	210.11	EWAT/1743/110510
6.25	5579898.43	511257.39	209.49	SNDG
6.68	5579898.24	511257.00	209.11	SNDG
7.21	5579898.00	511256.53	208.92	SNDG
7.80	5579897.73	511256.00	208.81	SNDG
8.92	5579897.23	511255.00	208.86	SNDG
10.58	5579896.48	511253.52	209.09	SNDG
14.52	5579894.71	511250.00	209.17	SNDG
16.10	5579894.00	511248.59	209.10	SNDG
19.00	5579892.70	511246.00	209.09	SNDG
30.20	5579887.66	511236.00	209.25	SNDG
35.90	5579885.09	511230.91	209.15	SNDG
47.07	5579880.07	511220.93	209.23	SNDG
51.47	5579878.09	511217.00	209.21	SNDG
56.75	5579875.71	511212.29	209.07	SNDG
58.24	5579875.04	511210.96	209.01	SNDG
60.43	5579874.06	511209.00	208.72	SNDG
61.55	5579873.55	511208.00	208.97	SNDG
63.79	5579872.55	511206.00	209.02	SNDG
64.45	5579872.25	511205.41	208.95	SNDG
65.23	5579871.90	511204.72	209.34	SNDG
66.49	5579871.33	511203.59	210.14	EWAT/1747/110510
68.57	5579870.40	511201.73	210.85	CRK/TOE
69.44	5579870.01	511200.96	212.88	CRK/TOP
76.23	5579866.95	511194.89	213.21	ATEK/268/REBAR/LI28R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI28.1				
0.00	5580247.39	511137.75	213.91	BOLT/LI28.1L/NF
64.35	5580260.98	511074.86	213.51	BOLT/LI28.1M/IN/NF
70.58	5580257.63	511069.60	214.38	CRK/TOP
74.75	5580255.39	511066.08	210.39	EWAT/1719/110510
76.06	5580254.69	511064.98	209.73	SNDG
76.40	5580254.50	511064.69	209.49	SNDG
76.54	5580254.43	511064.57	209.55	SNDG
77.34	5580254.00	511063.90	209.32	SNDG
78.71	5580253.26	511062.74	209.47	SNDG
79.59	5580252.79	511062.00	209.40	SNDG
83.06	5580250.93	511059.07	209.52	SNDG
83.78	5580250.54	511058.46	209.40	SNDG
87.88	5580248.34	511055.00	209.33	SNDG
92.62	5580245.79	511051.01	209.40	SNDG
93.81	5580245.15	511050.01	209.52	SNDG
96.82	5580243.53	511047.46	209.60	SNDG
100.44	5580241.59	511044.41	209.36	SNDG
102.10	5580240.70	511043.01	209.36	SNDG
103.34	5580240.03	511041.96	209.42	SNDG
105.29	5580238.99	511040.32	209.35	SNDG
108.41	5580237.31	511037.68	209.32	SNDG
109.14	5580236.92	511037.07	209.24	SNDG
113.95	5580234.34	511033.01	209.15	SNDG
118.56	5580231.86	511029.13	209.29	SNDG
124.62	5580228.61	511024.01	209.29	SNDG
129.42	5580226.03	511019.96	209.06	SNDG
130.54	5580225.43	511019.02	209.08	SNDG
132.32	5580224.47	511017.52	209.00	SNDG
134.10	5580223.52	511016.02	209.87	SNDG
134.89	5580223.09	511015.35	210.08	SNDG
135.76	5580222.62	511014.61	210.37	EWAT/1700/110510
138.42	5580221.20	511012.37	213.36	CRK/TOP
258.27	5580156.84	510911.27	215.05	ATEK/238/SPIKE

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI29				
0.00	5580462.21	510944.69	214.50	REBAR/LI29L/NF
17.30	5580454.32	510929.31	214.45	CRK/TOP
20.92	5580452.66	510926.08	210.48	EWAT/1642/110510
21.47	5580452.41	510925.59	210.32	SNDG
24.38	5580451.08	510923.00	209.17	SNDG
25.19	5580450.72	510922.28	209.02	SNDG
26.75	5580450.00	510920.89	209.10	SNDG
27.75	5580449.54	510920.00	209.06	SNDG
28.88	5580449.03	510919.00	208.88	SNDG
30.00	5580448.52	510918.00	208.88	SNDG
32.25	5580447.49	510916.00	209.22	SNDG
33.37	5580446.98	510915.00	209.21	SNDG
34.50	5580446.47	510914.00	209.31	SNDG
35.62	5580445.95	510913.00	209.33	SNDG
36.33	5580445.63	510912.37	209.45	SNDG
37.07	5580445.29	510911.71	209.50	SNDG
40.12	5580443.90	510909.00	209.60	SNDG
54.19	5580437.48	510896.48	209.57	SNDG
62.59	5580433.64	510889.00	209.78	SNDG
69.34	5580430.57	510883.00	209.83	SNDG
75.00	5580427.98	510877.96	209.69	SNDG
75.78	5580427.63	510877.27	209.52	SNDG
76.89	5580427.12	510876.29	210.00	SNDG
78.11	5580426.56	510875.20	210.09	SNDG
79.97	5580425.71	510873.54	210.10	SNDG
82.12	5580424.73	510871.63	210.23	SNDG
82.93	5580424.36	510870.90	210.47	EWAT/1631/110510
84.60	5580423.60	510869.42	211.60	SPOT
85.38	5580423.24	510868.73	213.68	CRK/TOP
87.41	5580422.32	510866.92	213.65	ATEK/279/REBAR/LI29R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI30				
0.00	5581048.93	510523.36	214.96	REBAR/LI30L/NF
11.81	5581041.89	510513.87	215.20	CRK/TOP
16.85	5581038.88	510509.84	211.92	SPOT
18.20	5581038.08	510508.75	211.48	SPOT
18.97	5581037.62	510508.13	210.98	EWAT/1609/110510
20.00	5581037.00	510507.30	210.63	SNDG
20.93	5581036.45	510506.55	210.29	SNDG
21.62	5581036.03	510506.00	210.23	SNDG
23.79	5581034.74	510504.26	210.30	SNDG
27.36	5581032.61	510501.39	210.24	SNDG
28.79	5581031.76	510500.24	210.17	SNDG
30.22	5581030.90	510499.10	210.24	SNDG
32.37	5581029.63	510497.37	210.27	SNDG
39.06	5581025.63	510492.00	210.25	SNDG
45.29	5581021.92	510487.00	210.12	SNDG
46.54	5581021.18	510486.00	210.14	SNDG
50.24	5581018.97	510483.03	210.00	SNDG
56.67	5581015.13	510477.87	209.88	SNDG
64.53	5581010.44	510471.56	209.57	SNDG
69.54	5581007.46	510467.54	209.57	SNDG
71.45	5581006.32	510466.00	209.51	SNDG
72.39	5581005.76	510465.25	209.61	SNDG
73.95	5581004.83	510464.00	210.11	SNDG
76.00	5581003.60	510462.35	210.57	SNDG
76.87	5581003.08	510461.65	210.73	SNDG
77.74	5581002.57	510460.95	210.99	EWAT/1600/110510
79.95	5581001.25	510459.18	211.80	SPOT
80.56	5581000.89	510458.69	213.21	SPOT
82.30	5580999.85	510457.30	214.51	CRK/TOP
83.39	5580999.20	510456.42	214.30	ATEK/280/REBAR/LI30R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI31				
0.00	5581709.30	510058.17	215.81	ATEK/267/REBAR/LI31L/NF
2.39	5581708.06	510056.13	215.86	CRK/TOP
3.21	5581707.64	510055.43	213.26	SPOT
5.72	5581706.33	510053.28	211.55	EWAT/1512/110510
7.00	5581705.67	510052.19	210.59	SNDG
7.22	5581705.55	510052.00	210.41	SNDG
7.62	5581705.34	510051.66	210.19	SNDG
10.20	5581704.00	510049.45	210.10	SNDG
10.73	5581703.73	510049.00	210.12	SNDG
11.26	5581703.45	510048.55	210.29	SNDG
11.90	5581703.12	510048.00	210.20	SNDG
15.41	5581701.29	510045.00	208.93	SNDG
15.98	5581701.00	510044.52	208.92	SNDG
16.58	5581700.69	510044.00	208.93	SNDG
18.92	5581699.47	510042.00	209.27	SNDG
19.83	5581699.00	510041.23	209.37	SNDG
21.27	5581698.25	510040.00	209.44	SNDG
23.61	5581697.04	510038.00	209.70	SNDG
25.09	5581696.27	510036.73	209.97	SNDG
25.95	5581695.82	510036.00	210.05	SNDG
28.73	5581694.38	510033.62	210.13	SNDG
30.18	5581693.62	510032.38	210.23	SNDG
31.80	5581692.78	510031.00	210.49	SNDG
35.28	5581690.97	510028.03	210.82	SNDG
36.48	5581690.35	510027.00	210.82	SNDG
37.65	5581689.74	510026.00	210.74	SNDG
45.00	5581685.92	510019.72	210.95	SNDG
45.64	5581685.59	510019.17	210.90	SNDG
49.79	5581683.44	510015.63	211.00	SNDG
51.94	5581682.32	510013.79	211.43	SNDG
55.96	5581680.23	510010.35	211.49	SNDG
62.71	5581676.72	510004.59	211.37	SNDG
67.54	5581674.22	510000.46	211.29	SNDG
68.81	5581673.56	509999.38	211.15	SNDG
69.90	5581672.99	509998.44	211.13	SNDG
70.72	5581672.56	509997.74	211.25	SNDG
71.48	5581672.17	509997.09	211.53	EWAT/1454/110510
73.06	5581671.35	509995.75	212.84	SPOT
74.78	5581670.45	509994.27	213.59	SPOT
77.93	5581668.82	509991.58	215.46	CRK/TOP
78.92	5581668.30	509990.74	215.63	SPOT
91.46	5581661.79	509980.02	216.74	REBAR/LI31R/BENT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI32				
0.00	5582301.87	509655.31	217.07	ATEK/289/REBAR/LI32L/NF
0.77	5582301.83	509654.55	216.90	CRK/TOP
1.59	5582301.79	509653.73	215.45	SPOT
3.19	5582301.70	509652.12	213.78	SPOT
3.46	5582301.69	509651.86	212.90	CRK/TOE
4.32	5582301.64	509651.00	212.72	SPOT
5.49	5582301.58	509649.83	212.11	EWAT/1354/110510
6.24	5582301.54	509649.08	211.32	SNDG
7.36	5582301.49	509647.96	210.62	SNDG
8.00	5582301.45	509647.32	210.61	SNDG
8.32	5582301.43	509647.00	210.45	SNDG
9.32	5582301.38	509646.00	210.22	SNDG
10.32	5582301.33	509645.00	210.22	SNDG
15.26	5582301.07	509640.07	210.72	SNDG
16.32	5582301.02	509639.02	210.90	SNDG
18.34	5582300.91	509637.00	211.07	SNDG
21.34	5582300.76	509634.00	211.13	SNDG
27.77	5582300.42	509627.58	211.06	SNDG
31.35	5582300.23	509624.00	210.94	SNDG
36.33	5582299.97	509619.03	210.93	SNDG
41.37	5582299.71	509614.00	211.00	SNDG
53.38	5582299.08	509602.00	211.41	SNDG
55.41	5582298.98	509599.98	211.39	SNDG
58.00	5582298.84	509597.39	211.27	SNDG
58.78	5582298.80	509596.61	211.16	SNDG
61.03	5582298.68	509594.36	211.62	SNDG
63.07	5582298.58	509592.33	212.08	EWAT/1344/110510
66.98	5582298.37	509588.42	212.59	NAIL/32.0M
69.84	5582298.22	509585.57	213.32	SPOT
72.65	5582298.08	509582.76	213.47	SPOT
74.79	5582297.96	509580.63	213.39	SPOT
77.04	5582297.85	509578.37	213.13	SPOT
80.84	5582297.65	509574.58	213.34	SPOT
85.40	5582297.41	509570.02	214.20	SPOT
88.63	5582297.24	509566.80	214.32	SPOT
91.41	5582297.10	509564.03	214.28	SPOT
93.87	5582296.97	509561.57	213.85	SPOT
95.76	5582296.87	509559.68	212.58	SPOT
96.59	5582296.83	509558.85	213.73	SPOT
97.47	5582296.78	509557.97	214.07	SPOT
99.10	5582296.69	509556.35	214.23	SPOT
104.27	5582296.42	509551.18	214.65	SPOT
109.17	5582296.17	509546.29	214.75	SPOT
113.71	5582295.93	509541.76	216.62	CRK/TOP
121.62	5582295.52	509533.85	217.55	DYKE/TOP
132.76	5582294.94	509522.73	217.62	BOLT/LI32R/DES

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI32.1				
20.75	5582587.23	509627.82	216.66	SPOT
23.48	5582586.24	509625.27	216.42	CRK/TOP
25.89	5582585.36	509623.03	215.09	SPOT
28.40	5582584.45	509620.70	212.27	EWAT/1302/110510
31.30	5582583.40	509617.99	210.51	SNDG
32.00	5582583.14	509617.34	210.52	SNDG
33.44	5582582.62	509616.00	210.50	SNDG
34.51	5582582.23	509615.00	210.56	SNDG
35.58	5582581.84	509614.00	210.53	SNDG
36.66	5582581.45	509613.00	210.61	SNDG
38.80	5582580.67	509611.00	210.57	SNDG
42.03	5582579.50	509608.00	210.64	SNDG
44.17	5582578.72	509606.00	210.57	SNDG
45.25	5582578.33	509605.00	210.58	SNDG
46.32	5582577.94	509604.00	210.51	SNDG
48.47	5582577.16	509602.00	210.60	SNDG
49.54	5582576.77	509601.00	210.72	SNDG
51.67	5582575.99	509599.01	210.86	SNDG
55.98	5582574.43	509595.00	211.07	SNDG
63.00	5582571.88	509588.46	211.58	SNDG
63.89	5582571.56	509587.63	211.66	SNDG
66.05	5582570.77	509585.62	211.79	SNDG
69.99	5582569.34	509581.94	212.04	SNDG
74.89	5582567.56	509577.38	212.25	EWAT/1255/110510
80.19	5582565.63	509572.44	212.62	SPOT
85.39	5582563.74	509567.60	212.78	NAIL/32.1M
89.11	5582562.39	509564.14	212.87	SPOT
97.12	5582559.48	509556.67	213.08	SPOT
102.99	5582557.35	509551.20	213.61	SPOT
107.00	5582555.89	509547.46	213.95	SPOT
111.09	5582554.40	509543.66	214.20	SPOT
113.84	5582553.40	509541.10	214.95	SPOT
125.15	5582549.29	509530.56	215.13	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI33				
31.16	5583013.56	509199.83	216.63	CRK/TOP
32.60	5583012.48	509198.88	216.29	SPOT
36.67	5583009.42	509196.20	213.56	CRK/TOE
39.40	5583007.36	509194.40	213.20	SPOT
41.74	5583005.61	509192.86	213.24	SPOT
45.99	5583002.41	509190.05	213.04	EWAT/1904/110512
51.52	5582998.25	509186.41	212.81	SNDG
55.67	5582995.13	509183.67	212.64	SNDG
60.99	5582991.13	509180.16	212.58	SNDG
65.43	5582987.79	509177.24	212.69	SNDG
69.91	5582984.43	509174.28	213.02	EWAT/1902/110512
72.33	5582982.61	509172.69	213.20	GRAV/BAR
78.33	5582978.10	509168.73	213.81	GRAV/BAR
87.24	5582971.40	509162.85	214.09	GRAV/BAR
90.91	5582968.64	509160.43	214.15	GRAV/BAR
95.11	5582965.48	509157.66	214.09	GRAV/BAR
98.22	5582963.14	509155.61	213.16	GRAV/BAR
99.89	5582961.89	509154.51	212.85	EWAT/1859/110512
102.24	5582960.12	509152.97	212.04	SNDG
103.40	5582959.25	509152.20	212.06	SNDG
104.00	5582958.80	509151.80	212.11	SNDG
105.13	5582957.95	509151.06	212.16	SNDG
106.55	5582956.88	509150.12	211.99	SNDG
109.77	5582954.46	509148.00	211.43	SNDG
112.93	5582952.09	509145.92	211.18	SNDG
116.47	5582949.42	509143.58	210.72	SNDG
122.35	5582945.00	509139.70	210.15	SNDG
123.68	5582944.00	509138.82	210.23	SNDG
124.27	5582943.56	509138.44	210.37	SNDG
127.10	5582941.43	509136.57	212.17	SNDG
127.81	5582940.90	509136.10	212.67	SNDG
128.24	5582940.57	509135.82	212.90	EWAT/1856/110512
134.63	5582935.77	509131.60	216.59	SPOT
136.34	5582934.49	509130.48	217.05	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI34				
0.00	5583608.91	508922.85	218.98	REBAR/LI34L/NF
14.56	5583597.33	508914.02	217.24	SPOT
17.56	5583594.95	508912.21	216.35	SPOT
23.76	5583590.01	508908.45	216.16	CRK/TOP
26.24	5583588.04	508906.94	215.49	SPOT
28.69	5583586.09	508905.46	214.39	SPOT
34.74	5583581.28	508901.80	213.69	EWAT/1812/110512
35.97	5583580.30	508901.05	213.30	SNDG
37.92	5583578.75	508899.87	213.13	SNDG
39.88	5583577.19	508898.68	213.01	SNDG
41.22	5583576.12	508897.86	212.38	SNDG
42.00	5583575.51	508897.39	212.17	SNDG
42.64	5583575.00	508897.01	211.88	SNDG
44.07	5583573.86	508896.14	211.66	SNDG
46.41	5583572.00	508894.72	211.77	SNDG
47.64	5583571.02	508893.98	211.97	SNDG
49.78	5583569.32	508892.68	212.15	SNDG
55.48	5583564.78	508889.22	212.37	SNDG
58.34	5583562.51	508887.49	212.44	SNDG
63.33	5583558.54	508884.47	212.50	SNDG
66.52	5583556.00	508882.53	212.39	SNDG
68.33	5583554.56	508881.44	212.24	SNDG
70.29	5583553.00	508880.25	212.16	SNDG
74.75	5583549.45	508877.55	212.25	SNDG
76.00	5583548.46	508876.79	212.35	SNDG
76.30	5583548.22	508876.61	212.28	SNDG
77.37	5583547.37	508875.96	212.35	SNDG
79.07	5583546.02	508874.93	212.68	SNDG
80.33	5583545.02	508874.16	213.69	EWAT/1800/110512
86.48	5583540.12	508870.44	217.82	CRK/TOP
97.13	5583531.65	508863.99	219.69	BOLT/LI34R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI34.1				
18.34	5583946.50	508633.31	218.02	CRK/TOP
20.29	5583945.45	508631.67	216.42	CRK/TOE
23.72	5583943.60	508628.78	215.52	SPOT
26.17	5583942.28	508626.71	215.24	SPOT
33.15	5583938.52	508620.83	214.88	SPOT
36.98	5583936.46	508617.60	214.59	SPOT
38.16	5583935.82	508616.61	214.72	SPOT
44.84	5583932.22	508610.98	214.82	SPOT
46.87	5583931.13	508609.27	215.14	SPOT
56.35	5583926.02	508601.29	215.44	SPOT
63.73	5583922.05	508595.07	215.62	SPOT
71.50	5583917.86	508588.52	215.70	SPOT
81.46	5583912.50	508580.13	215.30	SPOT
88.42	5583908.75	508574.27	215.01	SPOT
97.98	5583903.60	508566.21	214.61	SPOT
102.81	5583901.00	508562.14	214.36	SPOT
104.70	5583899.98	508560.55	214.20	SPOT
106.90	5583898.79	508558.70	214.17	EWAT/1650/110512
112.16	5583895.96	508554.27	214.02	SNDG
118.53	5583892.53	508548.90	213.81	SNDG
119.85	5583891.81	508547.78	213.73	SNDG
121.80	5583890.77	508546.14	213.58	SNDG
123.74	5583889.72	508544.51	213.41	SNDG
125.40	5583888.83	508543.11	213.28	SNDG
131.36	5583885.61	508538.08	213.29	SNDG
134.19	5583884.09	508535.71	213.85	SNDG
135.80	5583883.22	508534.34	213.98	SNDG
138.11	5583881.98	508532.40	213.84	SNDG
140.19	5583880.86	508530.65	213.72	SNDG
142.67	5583879.53	508528.56	213.43	SNDG
144.64	5583878.46	508526.90	213.50	SNDG
145.18	5583878.17	508526.44	213.49	SNDG
146.00	5583877.73	508525.75	213.46	SNDG
146.71	5583877.35	508525.15	213.45	SNDG
149.24	5583875.98	508523.02	213.24	SNDG
152.87	5583874.03	508519.97	212.88	SNDG
155.20	5583872.77	508518.00	212.73	SNDG
157.56	5583871.50	508516.01	212.74	SNDG
158.76	5583870.85	508515.00	212.69	SNDG
166.48	5583866.70	508508.50	212.62	SNDG
170.60	5583864.48	508505.02	212.67	SNDG
172.78	5583863.31	508503.19	212.94	SNDG
174.27	5583862.50	508501.94	213.00	SNDG
174.79	5583862.22	508501.50	213.08	SNDG
176.03	5583861.55	508500.45	213.56	SNDG
176.57	5583861.26	508500.00	213.53	SNDG
176.77	5583861.15	508499.83	213.51	SNDG
177.30	5583860.87	508499.38	214.14	EWAT/1701/110512
184.98	5583855.97	508493.52	216.41	SPOT
190.69	5583852.01	508489.40	215.90	SPOT
199.24	5583846.08	508483.23	215.97	SPOT
202.50	5583843.83	508480.88	216.50	SPOT
211.38	5583837.68	508474.47	217.75	CRK/TOP
214.97	5583835.19	508471.89	218.05	SPOT
218.05	5583833.06	508469.66	218.83	SPOT
220.68	5583831.24	508467.77	218.90	SPOT
224.09	5583828.87	508465.31	220.06	TOP/BANK

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI35				
0.00	5584200.85	508363.15	219.35	REBAR/LI35L+E3311
1.44	5584199.94	508362.05	218.75	SPOT
3.16	5584198.84	508360.72	217.88	SPOT
8.01	5584195.75	508356.98	214.63	EWAT/1556/110512
9.69	5584194.68	508355.68	214.14	SNDG
11.45	5584193.56	508354.33	213.61	SNDG
12.43	5584192.93	508353.57	213.44	SNDG
13.00	5584192.57	508353.13	213.53	SNDG
17.76	5584189.54	508349.46	213.78	SNDG
21.31	5584187.28	508346.72	213.82	SNDG
53.28	5584166.92	508322.08	213.60	SNDG
57.87	5584164.00	508318.54	213.49	SNDG
59.67	5584162.85	508317.15	213.35	SNDG
61.00	5584162.00	508316.12	213.17	SNDG
62.58	5584161.00	508314.91	213.07	SNDG
63.75	5584160.25	508314.00	213.05	SNDG
66.35	5584158.60	508312.00	213.15	SNDG
67.64	5584157.77	508311.00	213.08	SNDG
70.24	5584156.12	508309.00	212.74	SNDG
70.99	5584155.65	508308.42	212.59	SNDG
72.42	5584154.73	508307.31	213.61	SNDG
74.11	5584153.66	508306.02	214.65	EWAT/1544/110512
75.71	5584152.63	508304.78	215.66	SPOT
79.27	5584150.37	508302.03	217.82	SPOT
108.54	5584131.73	508279.47	220.25	REBAR/LI35R/BADLY

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI36				
0.00	5584785.83	507855.12	219.84	REBAR/LI36L/NF
26.56	5584768.18	507835.27	218.80	CRK/TOP
27.69	5584767.43	507834.43	216.94	CRK/TOE
30.02	5584765.88	507832.69	216.06	SPOT
31.32	5584765.02	507831.72	215.33	EWAT/1507/110512
31.49	5584764.91	507831.59	215.26	SNDG
33.26	5584763.73	507830.27	214.87	SNDG
34.67	5584762.79	507829.21	214.69	SNDG
40.70	5584758.79	507824.71	214.79	SNDG
43.17	5584757.14	507822.86	214.65	SNDG
51.66	5584751.50	507816.52	214.46	SNDG
55.57	5584748.90	507813.60	214.46	SNDG
58.05	5584747.26	507811.74	214.37	SNDG
64.78	5584742.79	507806.72	214.36	SNDG
70.09	5584739.25	507802.75	214.29	SNDG
72.57	5584737.61	507800.89	214.34	SNDG
73.28	5584737.14	507800.36	214.30	SNDG
74.34	5584736.43	507799.57	214.10	SNDG
74.99	5584736.00	507799.09	214.05	SNDG
76.44	5584735.03	507798.00	214.09	SNDG
77.11	5584734.59	507797.50	214.05	SNDG
79.79	5584732.81	507795.50	213.71	SNDG
81.07	5584731.96	507794.54	213.75	SNDG
82.46	5584731.03	507793.50	213.64	SNDG
83.90	5584730.08	507792.43	213.73	SNDG
84.97	5584729.37	507791.63	213.70	SNDG
87.15	5584727.92	507790.00	213.39	SNDG
87.78	5584727.50	507789.53	213.36	SNDG
88.86	5584726.78	507788.72	213.54	SNDG
89.92	5584726.07	507787.93	213.89	SNDG
90.81	5584725.49	507787.27	214.13	SNDG
91.56	5584724.99	507786.70	214.89	SNDG
93.34	5584723.81	507785.38	215.30	EWAT/1451/110512
94.89	5584722.78	507784.22	215.79	CRK/TOE
96.33	5584721.82	507783.14	218.42	SPOT
97.70	5584720.91	507782.11	219.59	CRK/TOP
110.53	5584712.38	507772.53	220.87	REBAR/LI36R/BENT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI36.1				
0.00	5584910.38	507734.42	219.37	BOLT/LI36.1L/NF
22.36	5584898.00	507715.80	219.04	CRK/TOP
23.82	5584897.19	507714.59	215.40	EWAT/1408/110512
24.98	5584896.55	507713.62	214.81	SNDG
26.55	5584895.68	507712.32	214.71	SNDG
27.00	5584895.43	507711.94	214.63	SNDG
27.99	5584894.88	507711.12	214.32	SNDG
29.07	5584894.28	507710.22	213.90	SNDG
29.93	5584893.80	507709.50	213.88	SNDG
30.87	5584893.28	507708.72	213.74	SNDG
31.96	5584892.68	507707.82	213.90	SNDG
33.40	5584891.89	507706.62	213.99	SNDG
41.32	5584887.50	507700.02	214.20	SNDG
46.73	5584884.50	507695.51	214.28	SNDG
54.32	5584880.30	507689.20	214.53	SNDG
63.56	5584875.18	507681.50	214.56	SNDG
64.76	5584874.52	507680.50	214.53	SNDG
67.30	5584873.11	507678.39	214.69	SNDG
71.11	5584871.00	507675.22	214.83	SNDG
78.48	5584866.92	507669.08	214.86	SNDG
80.64	5584865.72	507667.28	214.94	SNDG
81.00	5584865.52	507666.98	214.86	SNDG
81.83	5584865.07	507666.29	214.66	SNDG
82.76	5584864.55	507665.52	215.00	SNDG
85.39	5584863.09	507663.33	215.47	EWAT/1400/110512
85.53	5584863.02	507663.21	216.23	SPOT
87.58	5584861.88	507661.50	217.07	SPOT
89.06	5584861.06	507660.27	217.72	CRK/TOE
90.17	5584860.45	507659.35	219.39	CRK/TOP
97.51	5584856.38	507653.24	219.57	BOLT/LI36.1R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI37				
0.00	5585438.91	507382.10	219.27	REBAR/LI37L/NF
0.41	5585438.77	507381.72	219.81	CRK/TOP
3.20	5585437.81	507379.10	219.05	SPOT
5.87	5585436.89	507376.59	217.13	CRK/TOE
7.72	5585436.25	507374.85	216.78	SPOT
9.50	5585435.64	507373.18	216.27	SPOT
13.09	5585434.40	507369.82	216.20	SPOT
14.72	5585433.84	507368.28	216.09	EWAT/1329/110512
18.16	5585432.65	507365.05	215.98	SNDG
21.13	5585431.62	507362.26	215.81	SNDG
25.16	5585430.24	507358.48	215.66	SNDG
29.98	5585428.57	507353.96	215.54	SNDG
33.37	5585427.40	507350.77	215.44	SNDG
34.00	5585427.19	507350.18	215.36	SNDG
42.72	5585424.18	507342.00	215.10	SNDG
50.18	5585421.61	507335.00	215.02	SNDG
50.71	5585421.42	507334.50	215.07	SNDG
53.91	5585420.32	507331.50	215.09	SNDG
64.03	5585416.83	507322.00	215.06	SNDG
68.82	5585415.18	507317.50	214.89	SNDG
74.68	5585413.16	507312.00	214.47	SNDG
75.19	5585412.98	507311.52	214.48	SNDG
77.34	5585412.24	507309.50	214.27	SNDG
77.88	5585412.06	507309.00	214.28	SNDG
79.47	5585411.50	507307.50	213.84	SNDG
80.54	5585411.14	507306.50	214.24	SNDG
80.90	5585411.01	507306.16	214.48	SNDG
82.65	5585410.41	507304.52	215.38	SNDG
83.65	5585410.06	507303.58	216.07	EWAT/1315/110512
88.15	5585408.51	507299.36	219.10	SPOT
91.27	5585407.44	507296.43	220.34	CRK/TOP
93.40	5585406.70	507294.43	220.60	SPOT
123.11	5585396.45	507266.54	222.11	REBAR/LI37R/BENT/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI38				
29.45	5586182.54	507078.83	220.73	SPOT
30.84	5586181.92	507077.59	220.29	CRK/TOP
34.82	5586180.14	507074.04	217.33	SPOT
35.61	5586179.78	507073.33	216.93	SPOT
35.90	5586179.65	507073.07	216.66	EWAT/1229/110512
37.63	5586178.88	507071.52	216.28	SNDG
39.02	5586178.25	507070.28	216.23	SNDG
40.00	5586177.81	507069.40	216.15	SNDG
43.81	5586176.11	507066.00	215.93	SNDG
47.16	5586174.60	507063.00	215.90	SNDG
48.84	5586173.85	507061.50	215.81	SNDG
50.52	5586173.10	507060.00	215.82	SNDG
53.20	5586171.90	507057.60	215.68	SNDG
54.99	5586171.09	507056.00	215.74	SNDG
58.41	5586169.56	507052.94	215.57	SNDG
60.65	5586168.56	507050.95	215.53	SNDG
62.51	5586167.72	507049.28	215.64	SNDG
64.00	5586167.05	507047.95	215.55	SNDG
65.06	5586166.58	507047.00	215.62	SNDG
66.24	5586166.05	507045.95	215.77	SNDG
67.30	5586165.57	507045.00	215.81	SNDG
69.54	5586164.57	507043.00	215.71	SNDG
71.78	5586163.57	507041.00	215.74	SNDG
73.45	5586162.82	507039.50	215.66	SNDG
74.81	5586162.21	507038.29	215.71	SNDG
84.64	5586157.80	507029.50	215.63	SNDG
87.84	5586156.36	507026.64	215.43	SNDG
91.91	5586154.54	507023.00	214.99	SNDG
93.03	5586154.04	507022.00	214.92	SNDG
94.92	5586153.19	507020.31	215.04	SNDG
96.39	5586152.53	507019.00	215.01	SNDG
96.95	5586152.28	507018.50	214.94	SNDG
97.57	5586152.00	507017.94	214.95	SNDG
98.23	5586151.71	507017.35	215.04	SNDG
99.39	5586151.19	507016.32	215.65	SNDG
101.04	5586150.45	507014.84	216.65	EWAT/1223/110512
103.69	5586149.26	507012.47	219.32	SPOT
106.76	5586147.88	507009.73	221.02	CRK/TOP
109.23	5586146.78	507007.52	221.12	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI39				
19.14	5586894.40	506587.19	221.45	CRK/TOP
20.17	5586894.28	506586.17	220.90	SPOT
23.97	5586893.80	506582.39	217.32	EWAT/1145/110512
25.28	5586893.64	506581.10	216.70	SNDG
26.00	5586893.55	506580.38	216.59	SNDG
27.90	5586893.31	506578.50	216.22	SNDG
29.41	5586893.12	506577.00	216.04	SNDG
33.31	5586892.63	506573.13	216.16	SNDG
34.95	5586892.43	506571.50	216.12	SNDG
35.62	5586892.34	506570.84	216.06	SNDG
36.19	5586892.27	506570.27	215.93	SNDG
36.97	5586892.17	506569.50	215.91	SNDG
37.47	5586892.11	506569.00	215.94	SNDG
38.99	5586891.92	506567.50	216.15	SNDG
40.81	5586891.69	506565.69	216.11	SNDG
44.02	5586891.29	506562.50	216.18	SNDG
46.04	5586891.04	506560.50	216.07	SNDG
52.59	5586890.22	506554.00	216.07	SNDG
54.65	5586889.96	506551.96	215.97	SNDG
61.16	5586889.14	506545.50	215.85	SNDG
66.66	5586888.46	506540.05	215.67	SNDG
68.72	5586888.20	506538.00	215.79	SNDG
69.73	5586888.07	506537.00	215.94	SNDG
70.22	5586888.01	506536.51	216.06	SNDG
70.75	5586887.94	506535.99	216.13	SNDG
71.71	5586887.82	506535.03	217.19	SNDG
72.36	5586887.74	506534.39	217.31	EWAT/1111/110512
73.59	5586887.59	506533.17	217.72	GRAV/BAR
76.94	5586887.17	506529.85	217.32	EWAT/1110/110512
79.08	5586886.90	506527.72	216.55	SNDG
81.73	5586886.57	506525.10	217.00	SNDG
83.41	5586886.36	506523.42	216.65	SNDG
85.12	5586886.14	506521.73	216.80	SNDG
87.73	5586885.82	506519.14	217.23	SNDG
88.85	5586885.68	506518.03	216.86	SNDG
91.54	5586885.34	506515.36	217.05	SNDG
92.16	5586885.26	506514.74	217.32	EWAT/1105/110512
96.33	5586884.74	506510.61	220.06	SPOT
97.93	5586884.54	506509.02	221.61	CRK/TOP
101.85	5586884.05	506505.13	222.81	SPOT
105.72	5586883.56	506501.29	222.78	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI40				
23.36	5587473.40	506490.97	221.73	CRK/TOP
25.20	5587472.43	506489.40	220.99	SPOT
29.73	5587470.06	506485.55	217.55	EWAT/1658/110514
31.06	5587469.36	506484.42	216.90	SNDG
32.94	5587468.37	506482.82	216.70	SNDG
34.43	5587467.59	506481.55	216.72	SNDG
35.08	5587467.25	506481.00	216.61	SNDG
36.84	5587466.32	506479.50	216.55	SNDG
38.00	5587465.71	506478.51	216.23	SNDG
38.60	5587465.39	506478.00	216.18	SNDG
40.34	5587464.48	506476.52	216.24	SNDG
41.54	5587463.85	506475.50	216.41	SNDG
43.98	5587462.57	506473.43	216.62	SNDG
45.06	5587462.00	506472.50	216.65	SNDG
46.88	5587461.05	506470.96	216.60	SNDG
47.61	5587460.66	506470.34	216.65	SNDG
48.00	5587460.46	506470.00	216.73	SNDG
50.52	5587459.14	506467.86	216.76	SNDG
50.88	5587458.95	506467.55	216.68	SNDG
51.97	5587458.37	506466.63	216.72	SNDG
52.33	5587458.18	506466.32	216.78	SNDG
52.68	5587458.00	506466.02	216.72	SNDG
53.06	5587457.80	506465.70	216.77	SNDG
53.42	5587457.61	506465.39	216.74	SNDG
53.88	5587457.37	506465.00	216.80	SNDG
55.64	5587456.44	506463.50	216.75	SNDG
58.15	5587455.13	506461.37	216.79	SNDG
60.32	5587453.98	506459.52	216.72	SNDG
61.52	5587453.36	506458.50	216.75	SNDG
64.10	5587452.00	506456.30	216.67	SNDG
65.04	5587451.51	506455.50	216.72	SNDG
66.50	5587450.74	506454.26	216.69	SNDG
67.59	5587450.17	506453.33	216.74	SNDG
69.16	5587449.34	506452.00	216.73	SNDG
70.76	5587448.50	506450.63	216.80	SNDG
73.40	5587447.11	506448.39	216.76	SNDG
80.00	5587443.65	506442.77	216.96	SNDG
81.58	5587442.82	506441.43	216.97	SNDG
86.22	5587440.38	506437.48	217.02	SNDG
90.89	5587437.93	506433.50	216.97	SNDG
93.61	5587436.50	506431.19	217.02	SNDG
94.58	5587435.99	506430.37	217.40	SNDG
95.64	5587435.43	506429.46	217.65	EWAT/1648/110514
99.50	5587433.40	506426.18	218.74	CRK/TOE
103.77	5587431.16	506422.55	222.81	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI41				
29.89	5588166.30	506223.51	224.00	CRK/TOP
33.62	5588165.21	506219.95	221.98	SPOT
35.43	5588164.68	506218.22	218.15	EWAT/1528/110514
35.65	5588164.62	506218.01	218.01	SNDG
36.57	5588164.35	506217.12	218.00	SNDG
38.53	5588163.78	506215.25	217.46	SNDG
39.00	5588163.64	506214.80	217.47	SNDG
39.84	5588163.39	506214.00	217.19	SNDG
41.36	5588162.95	506212.55	216.88	SNDG
41.93	5588162.78	506212.00	216.87	SNDG
44.52	5588162.03	506209.53	216.95	SNDG
45.59	5588161.71	506208.50	216.92	SNDG
47.68	5588161.10	506206.50	217.00	SNDG
50.30	5588160.34	506204.00	217.20	SNDG
50.97	5588160.14	506203.36	217.33	SNDG
53.96	5588159.27	506200.50	217.65	SNDG
56.05	5588158.65	506198.50	217.77	SNDG
60.23	5588157.43	506194.50	217.72	SNDG
62.85	5588156.67	506192.00	217.55	SNDG
63.89	5588156.36	506191.00	217.35	SNDG
64.41	5588156.21	506190.50	217.33	SNDG
65.46	5588155.90	506189.50	217.37	SNDG
65.98	5588155.75	506189.00	217.45	SNDG
67.03	5588155.44	506188.00	217.44	SNDG
69.12	5588154.83	506186.00	217.61	SNDG
74.87	5588153.15	506180.50	217.74	SNDG
87.42	5588149.48	506168.50	217.51	SNDG
91.60	5588148.26	506164.50	217.22	SNDG
94.00	5588147.55	506162.21	217.20	SNDG
95.03	5588147.25	506161.23	217.29	SNDG
96.87	5588146.71	506159.46	217.65	SNDG
98.25	5588146.31	506158.15	218.32	EWAT/1522/110514
99.53	5588145.94	506156.92	218.74	SPOT
100.84	5588145.55	506155.67	218.97	SPOT
102.94	5588144.94	506153.66	219.64	CRK/TOE
106.50	5588143.90	506150.25	223.14	CRK/TOP
111.07	5588142.56	506145.88	222.12	SPOT
113.46	5588141.86	506143.60	221.92	SPOT
118.09	5588140.51	506139.17	222.35	SPOT
129.89	5588137.06	506127.89	223.32	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI42				
0.00	5589053.58	505922.40	225.58	BOLT/LI42L
9.70	5589053.25	505912.71	224.10	CRK/TOP
10.76	5589053.22	505911.64	222.65	SPOT
13.85	5589053.11	505908.55	221.83	SPOT
18.06	5589052.97	505904.35	219.99	CRK/TOE
19.48	5589052.92	505902.93	220.02	SPOT
20.40	5589052.89	505902.02	219.78	SPOT
22.88	5589052.81	505899.53	219.92	SPOT
27.27	5589052.66	505895.14	219.52	SPOT
29.63	5589052.58	505892.79	219.21	SPOT
31.23	5589052.53	505891.19	219.29	SPOT
33.91	5589052.44	505888.50	219.30	SPOT
36.45	5589052.35	505885.97	219.39	SPOT
38.73	5589052.27	505883.69	219.25	EWAT/1421/110514
43.12	5589052.13	505879.30	218.92	SNDG
46.75	5589052.00	505875.67	218.71	SNDG
49.76	5589051.90	505872.67	218.56	SNDG
50.43	5589051.88	505872.00	218.53	SNDG
54.43	5589051.75	505868.00	218.47	SNDG
56.77	5589051.67	505865.67	218.34	SNDG
57.43	5589051.64	505865.00	218.24	SNDG
58.93	5589051.59	505863.50	218.27	SNDG
60.43	5589051.54	505862.00	218.16	SNDG
61.93	5589051.49	505860.50	218.27	SNDG
63.44	5589051.44	505859.00	218.29	SNDG
67.64	5589051.30	505854.80	218.02	SNDG
72.44	5589051.14	505850.00	217.89	SNDG
73.44	5589051.10	505849.00	217.78	SNDG
74.44	5589051.07	505848.00	217.76	SNDG
74.94	5589051.05	505847.50	217.80	SNDG
75.44	5589051.04	505847.00	217.94	SNDG
75.94	5589051.02	505846.50	217.94	SNDG
77.44	5589050.97	505845.00	217.84	SNDG
77.94	5589050.95	505844.50	217.86	SNDG
78.94	5589050.92	505843.50	217.79	SNDG
80.45	5589050.87	505842.00	217.76	SNDG
80.95	5589050.85	505841.50	217.71	SNDG
82.45	5589050.80	505840.00	217.73	SNDG
84.45	5589050.73	505838.00	217.91	SNDG
85.95	5589050.68	505836.50	217.90	SNDG
87.45	5589050.63	505835.00	217.79	SNDG
87.95	5589050.62	505834.50	217.81	SNDG
89.95	5589050.55	505832.50	218.11	SNDG
90.24	5589050.54	505832.21	218.15	SNDG
91.22	5589050.51	505831.23	218.88	SNDG
93.23	5589050.44	505829.22	219.23	EWAT/1430/110514
94.20	5589050.40	505828.25	219.46	SPOT
96.01	5589050.34	505826.44	219.61	SPOT
98.03	5589050.28	505824.43	220.08	CRK/TOE
98.78	5589050.25	505823.67	221.16	SPOT
101.63	5589050.15	505820.83	222.54	SPOT
102.28	5589050.13	505820.17	223.54	CRK/TOP
109.17	5589049.90	505813.29	224.69	REBAR/LI42R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI42.1				
0.00	5589469.78	505869.93	225.29	BOLT/LI42.1L
2.86	5589468.09	505867.62	225.12	SPOT
9.49	5589464.17	505862.28	224.27	CRK/TOP
10.92	5589463.33	505861.13	223.36	SPOT
12.66	5589462.30	505859.72	221.66	SPOT
19.54	5589458.23	505854.17	221.51	SPOT
21.36	5589457.16	505852.70	220.18	SPOT
23.51	5589455.89	505850.96	220.18	SPOT
24.35	5589455.39	505850.29	219.74	EWAT/1320/110514
25.17	5589454.91	505849.63	219.54	SNDG
27.55	5589453.50	505847.70	219.26	SNDG
28.97	5589452.66	505846.56	219.70	EWAT/1319/110514
29.56	5589452.32	505846.08	220.76	GRAV/BAR
34.81	5589449.21	505841.84	220.65	GRAV/BAR
38.30	5589447.15	505839.03	220.56	GRAV/BAR
41.85	5589445.05	505836.16	220.22	GRAV/BAR
47.55	5589441.69	505831.57	220.64	GRAV/BAR
51.24	5589439.51	505828.59	220.01	GRAV/BAR
54.98	5589437.30	505825.57	220.14	GRAV/BAR
60.95	5589433.77	505820.75	220.00	GRAV/BAR
62.07	5589433.11	505819.85	219.69	EWAT/1312/110514
65.06	5589431.34	505817.44	219.35	SNDG
67.28	5589430.03	505815.65	219.24	SNDG
68.61	5589429.25	505814.58	218.94	SNDG
70.34	5589428.23	505813.18	218.82	SNDG
71.68	5589427.43	505812.10	218.89	SNDG
72.78	5589426.79	505811.21	219.11	SNDG
75.28	5589425.31	505809.19	219.11	SNDG
77.38	5589424.07	505807.50	219.20	SNDG
79.19	5589423.00	505806.04	218.89	SNDG
83.51	5589420.45	505802.55	218.71	SNDG
86.00	5589418.97	505800.54	218.72	SNDG
89.59	5589416.85	505797.65	218.86	SNDG
92.87	5589414.92	505795.00	218.84	SNDG
94.73	5589413.82	505793.50	218.94	SNDG
97.21	5589412.35	505791.50	218.99	SNDG
99.07	5589411.26	505790.00	218.94	SNDG
101.19	5589410.00	505788.29	218.82	SNDG
102.83	5589409.03	505786.97	218.80	SNDG
103.90	5589408.40	505786.10	218.70	SNDG
105.69	5589407.34	505784.66	218.64	SNDG
106.41	5589406.92	505784.08	218.54	SNDG
109.27	5589405.23	505781.77	218.48	SNDG
110.70	5589404.38	505780.62	218.60	SNDG
112.08	5589403.57	505779.50	218.54	SNDG
113.56	5589402.69	505778.31	218.60	SNDG
117.04	5589400.64	505775.50	218.43	SNDG
118.57	5589399.74	505774.27	218.20	SNDG
119.28	5589399.31	505773.69	218.29	SNDG
120.07	5589398.85	505773.06	218.17	SNDG
122.36	5589397.49	505771.20	218.99	SNDG
123.17	5589397.02	505770.56	219.73	EWAT/1307/110514
123.97	5589396.55	505769.91	220.98	SPOT
124.73	5589396.10	505769.30	221.52	SPOT
127.08	5589394.71	505767.40	222.69	SPOT
131.73	5589391.96	505763.64	225.28	CRK/TOP
138.02	5589388.24	505758.57	225.34	BOLT/LI42.1R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI42.2				
25.25	5589716.00	505765.54	223.55	CRK/TOP
26.80	5589715.12	505764.25	220.19	EWAT/1223/110514
27.00	5589715.01	505764.09	219.43	SNDG
27.71	5589714.61	505763.50	218.79	SNDG
28.31	5589714.27	505763.00	218.65	SNDG
29.52	5589713.59	505762.00	218.79	SNDG
30.73	5589712.91	505761.00	218.84	SNDG
31.39	5589712.54	505760.46	218.81	SNDG
31.94	5589712.23	505760.00	218.76	SNDG
33.15	5589711.55	505759.00	218.43	SNDG
33.76	5589711.21	505758.50	218.37	SNDG
35.35	5589710.32	505757.18	218.44	SNDG
36.17	5589709.85	505756.50	218.51	SNDG
36.78	5589709.51	505756.00	218.62	SNDG
37.87	5589708.90	505755.10	218.70	SNDG
39.46	5589708.00	505753.78	218.71	SNDG
40.75	5589707.28	505752.72	218.60	SNDG
41.62	5589706.79	505752.00	218.59	SNDG
42.91	5589706.07	505750.94	218.81	SNDG
45.85	5589704.41	505748.50	219.05	SNDG
46.58	5589704.00	505747.90	219.07	SNDG
48.27	5589703.05	505746.50	219.01	SNDG
48.87	5589702.71	505746.00	218.79	SNDG
49.48	5589702.37	505745.50	218.71	SNDG
50.08	5589702.03	505745.00	218.55	SNDG
50.69	5589701.69	505744.50	218.49	SNDG
51.90	5589701.01	505743.50	218.63	SNDG
53.11	5589700.33	505742.50	218.97	SNDG
53.69	5589700.00	505742.02	219.04	SNDG
54.92	5589699.31	505741.00	218.90	SNDG
55.50	5589698.98	505740.52	218.92	SNDG
56.13	5589698.63	505740.00	218.98	SNDG
57.94	5589697.61	505738.50	219.34	SNDG
59.76	5589696.59	505737.00	219.41	SNDG
63.99	5589694.21	505733.50	219.45	SNDG
70.04	5589690.81	505728.50	219.34	SNDG
73.67	5589688.76	505725.50	219.35	SNDG
76.08	5589687.40	505723.50	219.41	SNDG
77.29	5589686.72	505722.50	219.35	SNDG
78.50	5589686.04	505721.50	219.35	SNDG
80.92	5589684.68	505719.50	219.48	SNDG
84.55	5589682.64	505716.50	219.57	SNDG
87.00	5589681.27	505714.48	219.83	SNDG
87.79	5589680.82	505713.82	220.14	EWAT/1216/110514
92.54	5589678.15	505709.89	220.64	GRAV/BAR
97.46	5589675.38	505705.83	220.79	GRAV/BAR
105.21	5589671.02	505699.42	221.45	GRAV/BAR
107.35	5589669.82	505697.65	221.59	GRAV/BAR
114.99	5589665.53	505691.33	221.47	GRAV/BAR
118.15	5589663.75	505688.72	221.41	GRAV/BAR
121.07	5589662.11	505686.31	221.25	GRAV/BAR
122.83	5589661.11	505684.85	222.05	GRAV/BAR
141.97	5589650.35	505669.03	221.75	GRAV/BAR
143.84	5589649.30	505667.47	221.43	GRAV/BAR
147.22	5589647.39	505664.68	221.32	GRAV/BAR
150.09	5589645.79	505662.31	221.56	GRAV/BAR
158.22	5589641.21	505655.59	221.55	GRAV/BAR
161.61	5589639.30	505652.78	221.30	GRAV/BAR
171.40	5589633.80	505644.69	221.41	GRAV/BAR
179.03	5589629.51	505638.38	221.25	GRAV/BAR
181.87	5589627.91	505636.03	221.56	GRAV/BAR
197.49	5589619.13	505623.12	221.84	GRAV/BAR
205.88	5589614.41	505616.18	221.82	GRAV/BAR
209.93	5589612.13	505612.83	221.60	GRAV/BAR
218.71	5589607.19	505605.57	221.85	GRAV/BAR
240.62	5589594.87	505587.46	221.67	GRAV/BAR
246.50	5589591.56	505582.59	221.57	GRAV/BAR
256.99	5589585.66	505573.91	221.83	GRAV/BAR
276.69	5589574.58	505557.63	221.80	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
296.32	5589563.54	505541.40	221.71	GRAV/BAR
314.03	5589553.58	505526.75	221.41	GRAV/BAR
317.93	5589551.39	505523.53	221.11	GRAV/BAR
322.64	5589548.74	505519.64	221.57	GRAV/BAR
323.87	5589548.05	505518.61	221.49	GRAV/BAR
326.01	5589546.84	505516.85	220.85	GRAV/BAR
326.14	5589546.77	505516.74	220.20	GRAV/BAR
327.57	5589545.97	505515.56	219.96	EWAT/1203/110514
329.22	5589545.04	505514.19	219.38	SNDG
330.11	5589544.54	505513.46	219.20	SNDG
330.84	5589544.13	505512.85	219.00	SNDG
332.52	5589543.18	505511.46	219.00	SNDG
333.59	5589542.58	505510.58	219.33	SNDG
334.50	5589542.07	505509.83	219.12	SNDG
334.76	5589541.92	505509.61	219.10	SNDG
335.80	5589541.34	505508.75	219.59	SNDG
336.46	5589540.96	505508.20	219.98	EWAT/1159/110514
337.28	5589540.51	505507.53	220.93	SPOT
339.99	5589538.98	505505.29	222.39	SPOT
342.20	5589537.74	505503.46	223.34	SPOT
344.02	5589536.71	505501.96	223.71	CRK/TOP
346.14	5589535.53	505500.21	223.75	ATEK/325/REBAR/LI42.2R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI43.1				
28.40	5590324.93	505528.80	227.14	SPOT
32.06	5590324.28	505525.20	222.96	SPOT
34.78	5590323.79	505522.53	221.24	EWAT/1758/110513
36.56	5590323.47	505520.77	220.22	SNDG
36.97	5590323.40	505520.38	220.18	SNDG
38.84	5590323.06	505518.53	220.34	SNDG
41.19	5590322.64	505516.23	220.61	SNDG
42.08	5590322.48	505515.34	220.59	SNDG
43.63	5590322.20	505513.82	221.23	EWAT/1800/110513
44.07	5590322.12	505513.39	221.40	GRAV/BAR
47.42	5590321.52	505510.09	221.35	GRAV/BAR
48.68	5590321.29	505508.85	221.63	GRAV/BAR
50.58	5590320.95	505506.98	221.84	GRAV/BAR
57.99	5590319.62	505499.69	222.04	GRAV/BAR
62.21	5590318.86	505495.54	222.45	GRAV/BAR
69.48	5590317.56	505488.39	222.99	GRAV/BAR
71.60	5590317.18	505486.31	222.28	GRAV/BAR
75.66	5590316.45	505482.31	222.29	GRAV/BAR
78.42	5590315.95	505479.60	222.27	GRAV/BAR
79.67	5590315.73	505478.37	222.04	GRAV/BAR
81.60	5590315.38	505476.47	222.39	GRAV/BAR
84.78	5590314.81	505473.34	222.70	GRAV/BAR
88.94	5590314.06	505469.25	222.87	GRAV/BAR
94.17	5590313.12	505464.10	222.67	GRAV/BAR
97.81	5590312.47	505460.53	222.47	NAIL/LI/43.1ML
102.42	5590311.64	505455.99	222.00	GRAV/BAR
107.83	5590310.67	505450.67	221.41	GRAV/BAR
110.45	5590310.20	505448.09	221.00	EWAT/1808/110513
112.28	5590309.87	505446.29	220.88	SNDG
114.18	5590309.53	505444.42	220.85	SNDG
115.84	5590309.23	505442.78	220.92	SNDG
117.87	5590308.86	505440.78	220.75	SNDG
120.02	5590308.48	505438.68	220.54	SNDG
122.30	5590308.07	505436.43	220.57	SNDG
124.38	5590307.70	505434.38	220.67	SNDG
127.96	5590307.05	505430.86	220.63	SNDG
131.14	5590306.48	505427.73	220.52	SNDG
132.00	5590306.33	505426.89	220.53	SNDG
133.41	5590306.07	505425.50	220.53	SNDG
137.99	5590305.25	505421.00	220.28	SNDG
140.00	5590304.89	505419.02	220.23	SNDG
143.07	5590304.34	505416.00	220.35	SNDG
146.12	5590303.79	505413.00	220.25	SNDG
148.15	5590303.43	505411.00	220.26	SNDG
149.68	5590303.15	505409.50	220.18	SNDG
151.20	5590302.88	505408.00	220.18	SNDG
153.23	5590302.51	505406.00	220.35	SNDG
154.25	5590302.33	505405.00	220.50	SNDG
155.77	5590302.06	505403.50	220.50	SNDG
156.79	5590301.87	505402.50	220.45	SNDG
158.32	5590301.60	505401.00	220.29	SNDG
159.84	5590301.33	505399.50	220.02	SNDG
161.87	5590300.96	505397.50	219.77	SNDG
164.85	5590300.43	505394.57	219.59	SNDG
165.94	5590300.23	505393.50	219.57	SNDG
166.96	5590300.05	505392.50	219.31	SNDG
168.72	5590299.73	505390.77	219.16	SNDG
169.58	5590299.58	505389.92	219.00	SNDG
170.00	5590299.50	505389.51	218.97	SNDG
170.51	5590299.41	505389.00	219.02	SNDG
171.00	5590299.32	505388.52	219.19	SNDG
171.68	5590299.20	505387.86	219.81	SNDG
173.37	5590298.90	505386.19	220.38	SNDG
175.37	5590298.54	505384.23	221.09	EWAT/1824/110513
177.24	5590298.20	505382.38	222.66	SPOT
178.28	5590298.01	505381.36	223.32	SPOT
178.58	5590297.96	505381.07	224.03	CRK/TOP
180.30	5590297.65	505379.38	223.89	SPOT
183.47	5590297.08	505376.26	224.21	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
186.91	5590296.47	505372.87	223.77	SPOT
191.30	5590295.68	505368.56	223.98	SPOT
195.02	5590295.01	505364.89	224.38	SPOT
198.46	5590294.39	505361.51	223.78	SPOT
203.43	5590293.50	505356.62	223.94	SPOT
207.14	5590292.83	505352.97	223.67	SPOT
209.34	5590292.44	505350.81	224.05	SPOT
212.19	5590291.93	505348.00	223.98	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI43.2				
22.17	5590744.08	505240.65	222.95	SPOT
22.47	5590743.82	505240.49	224.99	CRK/TOP
23.64	5590742.82	505239.88	222.13	SPOT
24.01	5590742.50	505239.69	221.61	EWAT/1719/110513
24.31	5590742.25	505239.54	220.47	SNDG
25.81	5590740.97	505238.76	220.18	SNDG
27.05	5590739.91	505238.11	219.77	SNDG
27.52	5590739.50	505237.87	220.09	SNDG
28.15	5590738.96	505237.54	219.94	SNDG
29.87	5590737.50	505236.65	220.12	SNDG
31.62	5590736.00	505235.74	219.86	SNDG
36.16	5590732.12	505233.38	220.25	SNDG
42.71	5590726.53	505229.97	220.41	SNDG
44.58	5590724.93	505229.00	220.35	SNDG
45.67	5590724.00	505228.44	220.39	SNDG
46.84	5590723.00	505227.83	220.58	SNDG
47.42	5590722.50	505227.52	220.57	SNDG
47.80	5590722.17	505227.33	220.62	SNDG
56.79	5590714.50	505222.66	220.81	SNDG
59.71	5590712.00	505221.14	220.68	SNDG
62.00	5590710.05	505219.95	220.73	SNDG
64.18	5590708.18	505218.82	220.71	SNDG
65.00	5590707.48	505218.39	220.77	SNDG
65.49	5590707.07	505218.13	220.78	SNDG
68.00	5590704.92	505216.83	220.95	SNDG
71.15	5590702.23	505215.19	221.22	SNDG
74.76	5590699.14	505213.31	221.61	EWAT/1709/110513
76.59	5590697.58	505212.36	221.76	SPOT
83.10	5590692.02	505208.98	222.13	SPOT
88.83	5590687.12	505206.00	222.45	SPOT
92.14	5590684.30	505204.28	222.55	SPOT
94.51	5590682.27	505203.05	222.82	SPOT
97.85	5590679.42	505201.32	222.97	SPOT
99.96	5590677.62	505200.22	222.91	SPOT
103.20	5590674.85	505198.54	223.28	SPOT
105.02	5590673.29	505197.59	222.98	SPOT
106.69	5590671.86	505196.72	223.10	SPOT
108.71	5590670.14	505195.67	223.47	SPOT
112.31	5590667.06	505193.80	223.87	SPOT
115.44	5590664.39	505192.18	223.82	SPOT
123.31	5590657.67	505188.09	223.59	SPOT
126.20	5590655.20	505186.58	223.39	SPOT
128.25	5590653.45	505185.52	223.87	SPOT
132.62	5590649.72	505183.25	224.02	SPOT
133.91	5590648.61	505182.58	223.57	SPOT
135.83	5590646.97	505181.58	223.72	SPOT
141.19	5590642.39	505178.79	223.39	SPOT
143.61	5590640.33	505177.54	223.87	SPOT
158.74	5590627.40	505169.67	223.49	SPOT
163.65	5590623.20	505167.12	223.73	SPOT
165.39	5590621.71	505166.21	223.47	SPOT
166.40	5590620.86	505165.69	223.62	SPOT
171.47	5590616.52	505163.06	223.61	SPOT
177.23	5590611.60	505160.06	223.37	SPOT
187.12	5590603.15	505154.92	222.66	SPOT
191.10	5590599.75	505152.86	222.70	SPOT
193.96	5590597.31	505151.37	223.07	SPOT
201.89	5590590.54	505147.25	223.30	SPOT
208.13	5590585.20	505144.00	223.00	SPOT
210.59	5590583.10	505142.72	223.99	SPOT
218.36	5590576.46	505138.69	224.04	SPOT
223.56	5590572.02	505135.99	223.85	SPOT
227.87	5590568.34	505133.74	223.23	SPOT
231.16	5590565.53	505132.04	223.91	SPOT
237.49	5590560.12	505128.75	223.51	SPOT
240.25	5590557.76	505127.31	222.67	SPOT
242.97	5590555.44	505125.90	223.71	SPOT
255.80	5590544.48	505119.23	223.86	SPOT
260.52	5590540.44	505116.77	224.99	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
263.00	5590538.33	505115.49	226.06	DYKE/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI45				
32.96	5591306.20	504419.03	229.65	CRK/TOP
41.55	5591303.24	504410.97	222.80	EWAT/1557/110513
42.23	5591303.00	504410.33	222.24	SNDG
44.60	5591302.18	504408.11	221.06	SNDG
45.00	5591302.04	504407.73	220.94	SNDG
46.16	5591301.64	504406.64	220.48	SNDG
46.77	5591301.43	504406.07	220.35	SNDG
47.16	5591301.30	504405.70	220.43	SNDG
48.44	5591300.85	504404.50	220.79	SNDG
50.27	5591300.22	504402.78	221.07	SNDG
51.05	5591299.95	504402.05	221.08	SNDG
54.17	5591298.88	504399.13	221.62	SNDG
55.37	5591298.46	504398.00	221.70	SNDG
56.97	5591297.91	504396.50	221.93	SNDG
59.10	5591297.17	504394.50	221.97	SNDG
62.29	5591296.07	504391.50	222.14	SNDG
64.96	5591295.15	504389.00	222.17	SNDG
67.09	5591294.41	504387.00	222.12	SNDG
68.69	5591293.86	504385.50	222.16	SNDG
74.00	5591292.02	504380.51	222.13	SNDG
79.09	5591290.26	504375.74	222.20	SNDG
80.41	5591289.81	504374.50	222.17	SNDG
92.66	5591285.57	504363.00	222.20	SNDG
104.00	5591281.66	504352.36	222.43	SNDG
105.05	5591281.30	504351.38	221.85	SNDG
106.32	5591280.86	504350.19	221.93	SNDG
107.91	5591280.31	504348.69	222.04	SNDG
108.53	5591280.09	504348.11	222.67	SNDG
110.93	5591279.26	504345.86	222.80	SNDG
114.31	5591278.10	504342.69	222.86	EWAT/1545/110513
118.26	5591276.73	504338.99	223.24	SPOT
121.02	5591275.78	504336.39	223.39	CRK/TOE
125.18	5591274.34	504332.49	224.96	CRK/TOP
127.27	5591273.62	504330.53	225.17	SPOT
137.97	5591269.92	504320.48	225.29	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI46				
24.07	5591841.99	504321.84	228.33	SPOT
26.25	5591842.52	504319.73	227.98	CRK/TOP
27.29	5591842.78	504318.72	225.58	SPOT
28.84	5591843.15	504317.22	224.44	SPOT
30.84	5591843.64	504315.28	224.04	CRK/TOE
31.28	5591843.75	504314.85	223.82	EWAT/1827/110517
31.83	5591843.89	504314.31	223.43	SNDG
33.34	5591844.25	504312.85	223.19	SNDG
33.53	5591844.30	504312.67	223.14	SNDG
34.97	5591844.65	504311.27	222.27	SNDG
36.00	5591844.90	504310.27	222.16	SNDG
36.29	5591844.98	504309.99	222.12	SNDG
36.81	5591845.10	504309.49	222.11	SNDG
37.93	5591845.38	504308.40	222.33	SNDG
38.87	5591845.61	504307.49	222.21	SNDG
39.38	5591845.73	504306.99	222.21	SNDG
39.90	5591845.86	504306.49	222.15	SNDG
40.93	5591846.11	504305.49	222.21	SNDG
42.87	5591846.59	504303.61	222.09	SNDG
44.02	5591846.87	504302.49	222.27	SNDG
45.57	5591847.24	504300.99	222.43	SNDG
46.09	5591847.37	504300.49	222.33	SNDG
48.66	5591848.00	504297.99	222.43	SNDG
50.21	5591848.38	504296.49	222.41	SNDG
53.82	5591849.26	504292.99	222.50	SNDG
56.91	5591850.02	504290.00	222.50	SNDG
61.04	5591851.03	504286.00	222.65	SNDG
69.29	5591853.04	504278.00	222.86	SNDG
71.00	5591853.46	504276.34	222.96	SNDG
72.15	5591853.74	504275.22	223.02	SNDG
74.39	5591854.29	504273.05	223.15	SNDG
78.56	5591855.31	504269.00	223.34	SNDG
81.41	5591856.01	504266.24	223.50	SNDG
82.21	5591856.20	504265.46	223.57	SNDG
83.20	5591856.44	504264.50	223.81	EWAT/1814/110517
83.76	5591856.58	504263.96	224.05	SPOT
87.38	5591857.46	504260.45	224.09	SPOT
91.74	5591858.53	504256.22	224.15	SPOT
97.18	5591859.86	504250.95	224.26	SPOT
99.64	5591860.46	504248.57	224.84	SPOT
105.43	5591861.88	504242.95	224.97	SPOT
106.99	5591862.26	504241.44	224.85	SPOT
109.35	5591862.84	504239.15	224.78	SPOT
112.12	5591863.51	504236.46	225.10	SPOT
115.28	5591864.29	504233.40	225.34	SPOT
116.71	5591864.64	504232.01	225.81	SPOT
121.21	5591865.74	504227.65	225.62	SPOT
125.15	5591866.70	504223.83	226.04	SPOT
128.35	5591867.48	504220.72	226.03	SPOT
132.74	5591868.55	504216.47	225.72	SPOT
135.06	5591869.12	504214.22	226.12	SPOT
137.87	5591869.81	504211.50	226.04	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI47				
18.06	5592404.53	504119.81	230.26	SPOT
23.04	5592399.89	504117.99	229.79	CRK/TOP
23.69	5592399.29	504117.75	228.06	SPOT
28.07	5592395.22	504116.15	224.60	EWAT/1721/110517
30.13	5592393.30	504115.40	223.26	SNDG
31.00	5592392.49	504115.08	223.15	SNDG
31.52	5592392.00	504114.89	222.96	SNDG
32.98	5592390.64	504114.36	222.66	SNDG
34.14	5592389.56	504113.94	222.60	SNDG
35.28	5592388.50	504113.52	222.45	SNDG
35.68	5592388.13	504113.37	222.47	SNDG
36.45	5592387.41	504113.09	222.40	SNDG
37.43	5592386.50	504112.74	222.46	SNDG
38.77	5592385.25	504112.25	222.72	SNDG
39.58	5592384.50	504111.95	222.78	SNDG
40.31	5592383.82	504111.68	222.94	SNDG
43.34	5592381.00	504110.58	223.26	SNDG
46.56	5592378.00	504109.40	223.50	SNDG
50.39	5592374.43	504108.00	223.66	SNDG
58.91	5592366.50	504104.89	223.79	SNDG
61.06	5592364.50	504104.11	223.74	SNDG
62.69	5592362.99	504103.51	223.78	SNDG
64.82	5592361.00	504102.73	223.70	SNDG
69.63	5592356.52	504100.98	223.73	SNDG
72.88	5592353.50	504099.79	223.82	SNDG
75.00	5592351.52	504099.02	223.77	SNDG
80.00	5592346.87	504097.19	223.86	SNDG
81.15	5592345.80	504096.77	223.88	SNDG
85.22	5592342.01	504095.28	224.01	SNDG
89.29	5592338.23	504093.80	224.08	SNDG
92.30	5592335.42	504092.70	224.14	SNDG
95.97	5592332.00	504091.36	224.46	EWAT/1708/110517
98.45	5592329.70	504090.45	224.65	SPOT
101.55	5592326.81	504089.32	225.05	SPOT
102.76	5592325.68	504088.88	225.44	SPOT
105.36	5592323.26	504087.93	226.02	SPOT
109.80	5592319.13	504086.31	226.19	SPOT
117.51	5592311.95	504083.49	226.48	SPOT
120.29	5592309.36	504082.48	226.53	SPOT
122.64	5592307.18	504081.62	226.32	SPOT
126.67	5592303.42	504080.15	226.33	SPOT
129.73	5592300.58	504079.03	226.22	SPOT
133.54	5592297.03	504077.64	226.17	SPOT
135.47	5592295.23	504076.93	225.71	SPOT
137.83	5592293.04	504076.07	225.68	SPOT
139.80	5592291.20	504075.35	225.04	SPOT
143.32	5592287.92	504074.07	224.91	SPOT
149.14	5592282.50	504071.94	224.47	SPOT
150.01	5592281.70	504071.62	224.50	SPOT
153.01	5592278.91	504070.53	224.72	SPOT
154.20	5592277.79	504070.09	226.03	SPOT
156.42	5592275.73	504069.28	226.93	SPOT
158.07	5592274.19	504068.68	227.99	SPOT
158.56	5592273.73	504068.50	228.70	CRK/TOP
162.20	5592270.35	504067.17	228.91	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI48				
13.72	5592626.55	503601.20	229.27	SPOT
15.15	5592625.79	503599.98	229.21	CRK/TOP
15.49	5592625.62	503599.70	226.84	CRK/TOE
17.40	5592624.61	503598.07	226.30	SPOT
18.23	5592624.17	503597.37	225.57	SPOT
19.09	5592623.72	503596.63	225.42	SPOT
19.41	5592623.55	503596.36	225.22	EWAT/1536/110517
21.14	5592622.64	503594.89	224.51	SNDG
22.20	5592622.08	503593.99	224.12	SNDG
23.11	5592621.60	503593.22	223.93	SNDG
24.00	5592621.13	503592.46	223.81	SNDG
25.72	5592620.22	503591.00	223.56	SNDG
26.31	5592619.91	503590.50	223.52	SNDG
27.33	5592619.37	503589.63	223.56	SNDG
28.42	5592618.80	503588.70	223.52	SNDG
29.51	5592618.22	503587.78	223.68	SNDG
31.60	5592617.12	503586.00	223.82	SNDG
33.96	5592615.88	503584.00	223.82	SNDG
41.86	5592611.72	503577.28	223.68	SNDG
46.31	5592609.37	503573.50	223.65	SNDG
49.12	5592607.89	503571.11	223.48	SNDG
49.84	5592607.51	503570.50	223.59	SNDG
52.75	5592605.98	503568.02	224.17	SNDG
56.00	5592604.27	503565.26	224.57	SNDG
56.65	5592603.92	503564.71	224.59	SNDG
60.56	5592601.86	503561.39	224.75	SNDG
62.85	5592600.66	503559.45	224.99	SNDG
65.01	5592599.52	503557.61	225.20	EWAT/1521/110517
66.08	5592598.95	503556.70	225.27	SPOT
71.27	5592596.22	503552.29	225.36	NAIL/48M
74.71	5592594.41	503549.36	225.48	SPOT
76.90	5592593.25	503547.50	225.47	SPOT
79.84	5592591.70	503545.00	225.74	SPOT
84.05	5592589.48	503541.43	225.81	SPOT
86.40	5592588.24	503539.43	226.02	SPOT
89.83	5592586.44	503536.52	226.17	SPOT
97.88	5592582.20	503529.67	225.96	SPOT
101.45	5592580.31	503526.64	225.62	SPOT
103.77	5592579.09	503524.67	225.80	SPOT
107.35	5592577.20	503521.62	225.72	SPOT
107.99	5592576.87	503521.08	225.57	SPOT
110.37	5592575.62	503519.06	225.68	SPOT
112.72	5592574.38	503517.06	225.59	SPOT
113.51	5592573.96	503516.39	225.47	SPOT
114.49	5592573.44	503515.55	226.38	SPOT
116.36	5592572.46	503513.97	227.27	SPOT
118.15	5592571.51	503512.45	227.73	SPOT
120.62	5592570.21	503510.35	229.11	SPOT
122.59	5592569.17	503508.67	229.36	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI50				
30.32	5593783.22	503045.29	230.34	CRK/TOP
32.05	5593782.21	503043.90	230.00	SPOT
33.93	5593781.09	503042.38	228.80	SPOT
36.45	5593779.61	503040.34	226.91	EWAT/1436/110517
37.10	5593779.23	503039.82	226.12	SNDG
37.85	5593778.79	503039.21	226.16	SNDG
41.07	5593776.89	503036.61	224.85	SNDG
41.43	5593776.68	503036.32	224.76	SNDG
42.44	5593776.08	503035.50	224.76	SNDG
44.28	5593775.00	503034.02	224.98	SNDG
45.37	5593774.36	503033.14	225.21	SNDG
47.39	5593773.17	503031.50	225.45	SNDG
49.87	5593771.71	503029.50	225.43	SNDG
52.34	5593770.25	503027.50	225.58	SNDG
53.24	5593769.73	503026.78	225.59	SNDG
54.20	5593769.16	503026.00	225.71	SNDG
55.44	5593768.43	503025.00	225.78	SNDG
60.75	5593765.30	503020.70	225.75	SNDG
61.47	5593764.88	503020.12	225.78	SNDG
63.48	5593763.70	503018.50	226.01	SNDG
67.91	5593761.08	503014.92	226.14	SNDG
70.06	5593759.82	503013.18	226.25	SNDG
75.43	5593756.66	503008.84	226.34	SNDG
82.59	5593752.44	503003.06	226.37	SNDG
83.89	5593751.67	503002.00	226.32	SNDG
88.00	5593749.25	502998.68	226.40	SNDG
89.14	5593748.58	502997.76	226.37	SNDG
91.28	5593747.32	502996.03	226.27	SNDG
92.91	5593746.36	502994.71	226.31	SNDG
94.41	5593745.48	502993.50	226.33	SNDG
95.26	5593744.98	502992.82	226.27	SNDG
96.77	5593744.09	502991.60	226.00	SNDG
97.62	5593743.59	502990.91	226.13	SNDG
98.36	5593743.16	502990.31	226.20	SNDG
100.42	5593741.94	502988.64	226.09	SNDG
101.27	5593741.44	502987.96	226.18	SNDG
103.07	5593740.38	502986.51	226.89	EWAT/1425/110517
103.84	5593739.92	502985.88	227.63	SPOT
105.19	5593739.13	502984.79	228.08	SPOT
107.53	5593737.75	502982.90	228.65	SPOT
109.81	5593736.41	502981.06	228.87	SPOT
110.84	5593735.80	502980.23	229.43	SPOT
116.21	5593732.64	502975.88	230.66	CRK/TOP
119.66	5593730.61	502973.09	230.82	SPOT

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI51.1				
0.00	5594514.48	502307.84	238.49	BOLT/LI51.1L/NF
0.18	5594514.31	502307.81	238.57	SPOT
4.59	5594509.94	502307.18	236.61	SPOT
6.68	5594507.87	502306.88	235.48	SPOT
12.43	5594502.19	502306.06	231.54	SPOT
16.64	5594498.01	502305.45	228.03	EWAT/1654/110523
18.17	5594496.50	502305.23	227.23	SNDG
18.68	5594496.00	502305.16	227.20	SNDG
19.26	5594495.43	502305.08	227.10	SNDG
20.70	5594494.00	502304.87	226.73	SNDG
21.02	5594493.68	502304.82	226.57	SNDG
22.21	5594492.50	502304.65	226.12	SNDG
23.22	5594491.51	502304.51	225.59	SNDG
23.67	5594491.06	502304.44	225.40	SNDG
24.23	5594490.50	502304.36	225.29	SNDG
25.24	5594489.50	502304.22	224.91	SNDG
25.75	5594489.00	502304.14	224.89	SNDG
27.64	5594487.13	502303.87	225.27	SNDG
28.27	5594486.50	502303.78	225.32	SNDG
29.84	5594484.95	502303.55	225.72	SNDG
30.73	5594484.07	502303.43	225.80	SNDG
32.32	5594482.50	502303.20	225.85	SNDG
34.34	5594480.50	502302.91	226.22	SNDG
35.35	5594479.50	502302.76	226.36	SNDG
37.35	5594477.52	502302.48	226.56	SNDG
40.40	5594474.50	502302.04	226.76	SNDG
42.64	5594472.28	502301.72	226.75	SNDG
45.96	5594469.00	502301.24	226.35	SNDG
46.46	5594468.50	502301.17	226.37	SNDG
47.47	5594467.50	502301.02	226.66	SNDG
48.99	5594466.00	502300.81	226.94	SNDG
50.00	5594465.00	502300.66	227.08	SNDG
50.50	5594464.50	502300.59	227.08	SNDG
51.52	5594463.50	502300.44	226.94	SNDG
53.54	5594461.50	502300.15	226.53	SNDG
54.04	5594461.00	502300.08	226.50	SNDG
54.55	5594460.50	502300.01	226.54	SNDG
55.56	5594459.50	502299.86	226.73	SNDG
56.06	5594459.00	502299.79	226.67	SNDG
57.07	5594458.00	502299.65	226.35	SNDG
57.58	5594457.50	502299.57	226.41	SNDG
58.08	5594457.00	502299.50	226.59	SNDG
59.00	5594456.09	502299.37	227.12	SNDG
60.67	5594454.44	502299.13	228.02	EWAT/1642/110523
62.19	5594452.94	502298.91	228.84	SPOT
64.37	5594450.78	502298.60	229.74	SPOT
66.70	5594448.47	502298.26	231.01	SPOT
68.94	5594446.26	502297.94	231.55	SPOT
69.84	5594445.37	502297.81	232.28	SPOT
70.16	5594445.05	502297.77	236.86	BRIDGE ABUTMENT WOOD
72.01	5594443.22	502297.50	236.30	BOLT/LI51.1R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI51.1X				
19.44	5594407.29	502437.04	231.28	SPOT
20.77	5594406.25	502436.22	231.18	CRK/TOP
22.20	5594405.12	502435.34	230.78	SPOT
23.72	5594403.93	502434.40	230.42	SPOT
24.36	5594403.42	502434.00	229.83	SPOT
25.64	5594402.41	502433.21	227.75	EWAT/1349/110517
26.74	5594401.55	502432.54	227.54	SNDG
29.39	5594399.47	502430.90	227.50	SNDG
30.96	5594398.23	502429.93	227.07	SNDG
32.02	5594397.39	502429.28	226.97	SNDG
32.86	5594396.74	502428.76	226.80	SNDG
34.28	5594395.62	502427.88	226.76	SNDG
35.06	5594395.00	502427.40	226.60	SNDG
35.71	5594394.49	502427.00	226.54	SNDG
36.52	5594393.85	502426.50	226.55	SNDG
38.88	5594392.00	502425.05	226.84	SNDG
40.58	5594390.66	502424.00	226.95	SNDG
43.82	5594388.11	502422.00	226.85	SNDG
46.75	5594385.81	502420.19	226.87	SNDG
48.17	5594384.69	502419.32	226.83	SNDG
49.04	5594384.00	502418.78	226.76	SNDG
52.44	5594381.32	502416.68	226.30	SNDG
54.22	5594379.92	502415.58	226.16	SNDG
54.94	5594379.36	502415.14	226.19	SNDG
56.03	5594378.50	502414.47	225.97	SNDG
57.43	5594377.40	502413.60	225.82	SNDG
58.14	5594376.84	502413.16	225.84	SNDG
59.22	5594375.99	502412.50	225.96	SNDG
60.63	5594374.88	502411.62	225.97	SNDG
64.20	5594372.07	502409.43	225.37	SNDG
65.26	5594371.23	502408.77	224.95	SNDG
66.33	5594370.39	502408.11	224.95	SNDG
66.69	5594370.11	502407.89	224.85	SNDG
67.05	5594369.83	502407.67	224.89	SNDG
68.74	5594368.50	502406.63	225.25	SNDG
69.89	5594367.59	502405.91	225.36	SNDG
70.61	5594367.03	502405.47	225.37	SNDG
71.28	5594366.50	502405.06	225.24	SNDG
72.03	5594365.91	502404.59	225.20	SNDG
72.39	5594365.63	502404.37	225.25	SNDG
72.74	5594365.35	502404.15	225.51	SNDG
73.21	5594364.98	502403.86	225.88	SNDG
74.13	5594364.26	502403.30	226.59	SNDG
74.98	5594363.58	502402.77	227.04	SNDG
75.90	5594362.86	502402.21	227.81	EWAT/1339/110517
80.94	5594358.90	502399.10	231.03	CRK/TOP
82.55	5594357.63	502398.10	231.31	TOE/BANK
84.86	5594355.81	502396.68	232.41	TOP/BANK

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI51.2				
0.00	5594514.90	502300.63	238.26	BOLT/LI51.2L/NF
0.44	5594514.46	502300.57	238.37	BRIDGE ABUTMENT WOOD
0.47	5594514.43	502300.56	237.26	SPOT
0.98	5594513.93	502300.48	236.96	SPOT
10.85	5594504.17	502299.01	228.94	SPOT
13.28	5594501.77	502298.64	228.12	EWAT/1803/110523
14.00	5594501.06	502298.53	227.72	SNDG
14.56	5594500.50	502298.45	227.42	SNDG
16.28	5594498.81	502298.19	226.95	SNDG
19.11	5594496.00	502297.77	225.81	SNDG
20.63	5594494.50	502297.54	225.35	SNDG
21.14	5594494.00	502297.46	225.25	SNDG
21.54	5594493.60	502297.40	225.23	SNDG
22.42	5594492.73	502297.27	225.31	SNDG
23.16	5594492.00	502297.16	225.50	SNDG
23.67	5594491.50	502297.09	225.58	SNDG
24.68	5594490.50	502296.93	225.59	SNDG
25.69	5594489.50	502296.78	225.50	SNDG
26.19	5594489.00	502296.71	225.54	SNDG
26.70	5594488.50	502296.63	225.60	SNDG
28.22	5594487.00	502296.40	225.93	SNDG
31.25	5594484.00	502295.95	226.29	SNDG
31.76	5594483.50	502295.87	226.28	SNDG
33.27	5594482.00	502295.65	226.11	SNDG
34.28	5594481.01	502295.50	226.12	SNDG
35.30	5594480.00	502295.34	226.20	SNDG
37.83	5594477.50	502294.96	226.65	SNDG
40.86	5594474.50	502294.51	226.76	SNDG
45.41	5594470.00	502293.83	227.17	SNDG
46.14	5594469.28	502293.72	227.17	SNDG
49.46	5594466.00	502293.22	226.96	SNDG
50.97	5594464.51	502293.00	227.00	SNDG
52.49	5594463.00	502292.77	226.81	SNDG
53.16	5594462.33	502292.67	226.85	SNDG
54.51	5594461.00	502292.46	227.03	SNDG
55.00	5594460.52	502292.39	227.04	SNDG
56.54	5594459.00	502292.16	226.87	SNDG
57.04	5594458.50	502292.09	226.72	SNDG
58.05	5594457.50	502291.93	226.70	SNDG
58.56	5594457.00	502291.86	226.83	SNDG
60.00	5594455.58	502291.64	227.61	SNDG
60.97	5594454.61	502291.50	228.09	EWAT/1800/110523
63.76	5594451.86	502291.08	229.66	SPOT
66.69	5594448.96	502290.64	232.12	SPOT
67.70	5594447.96	502290.49	232.32	SPOT
72.00	5594443.72	502289.85	236.43	BOLT/LI51.2R/NF

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI52				
0.00	5594536.69	501965.23	231.35	BOLT/LI52L
2.76	5594533.94	501965.08	231.52	CRK/TOP
3.54	5594533.15	501965.04	230.86	SPOT
4.59	5594532.11	501964.98	230.31	SPOT
5.69	5594531.00	501964.92	229.08	SPOT
5.87	5594530.83	501964.91	228.63	EWAT/1550/110531
6.06	5594530.63	501964.90	228.44	SNDG
6.48	5594530.22	501964.88	228.35	SNDG
7.65	5594529.05	501964.82	228.41	SNDG
9.40	5594527.30	501964.72	228.49	SNDG
12.47	5594524.24	501964.56	228.57	EWAT/1551/110531
16.88	5594519.84	501964.32	228.89	GRAV/BAR
18.81	5594517.91	501964.22	229.83	GRAV/BAR
22.38	5594514.35	501964.03	230.01	GRAV/BAR
26.75	5594509.98	501963.79	230.21	GRAV/BAR
30.90	5594505.83	501963.57	230.18	GRAV/BAR
34.33	5594502.41	501963.39	230.36	GRAV/BAR
36.32	5594500.42	501963.28	230.41	GRAV/BAR
37.90	5594498.85	501963.20	230.30	GRAV/BAR
38.63	5594498.12	501963.16	229.83	GRAV/BAR
44.44	5594492.31	501962.85	229.87	GRAV/BAR
55.52	5594481.25	501962.26	229.97	GRAV/BAR
68.58	5594468.21	501961.56	229.76	GRAV/BAR
73.80	5594463.00	501961.28	229.22	GRAV/BAR
78.21	5594458.59	501961.04	228.72	EWAT/1542/110531
80.30	5594456.50	501960.93	228.57	GRAV/BAR
81.50	5594455.31	501960.87	228.36	EWAT/1224/110517
82.91	5594453.90	501960.79	228.06	SNDG
82.93	5594453.88	501960.79	228.04	SNDG
85.67	5594451.14	501960.64	228.05	SNDG
88.62	5594448.20	501960.49	228.03	SNDG
90.80	5594446.02	501960.37	227.92	SNDG
96.38	5594440.45	501960.07	227.74	SNDG
96.58	5594440.25	501960.06	227.80	SNDG
98.81	5594438.02	501959.94	227.84	SNDG
102.16	5594434.68	501959.76	227.91	SNDG
104.45	5594432.39	501959.64	227.92	SNDG
108.55	5594428.30	501959.42	227.93	SNDG
112.11	5594424.74	501959.23	227.93	SNDG
115.74	5594421.11	501959.04	227.76	SNDG
117.00	5594419.86	501958.97	227.73	SNDG
119.36	5594417.50	501958.84	227.64	SNDG
121.36	5594415.50	501958.73	227.70	SNDG
121.86	5594415.00	501958.71	227.68	SNDG
122.87	5594414.00	501958.65	227.51	SNDG
123.87	5594413.00	501958.60	227.43	SNDG
125.37	5594411.50	501958.52	227.43	SNDG
126.37	5594410.50	501958.47	227.35	SNDG
129.37	5594407.50	501958.31	227.27	SNDG
130.38	5594406.50	501958.25	227.20	SNDG
133.88	5594403.00	501958.06	227.23	SNDG
139.89	5594397.00	501957.74	227.09	SNDG
143.39	5594393.50	501957.56	226.67	SNDG
144.87	5594392.02	501957.48	226.31	SNDG
146.77	5594390.13	501957.38	226.06	SNDG
148.40	5594388.50	501957.29	225.32	SNDG
148.90	5594388.00	501957.26	225.19	SNDG
149.40	5594387.50	501957.23	225.21	SNDG
150.40	5594386.50	501957.18	225.83	SNDG
150.91	5594386.00	501957.15	226.43	SNDG
151.41	5594385.50	501957.13	226.83	SNDG
152.00	5594384.91	501957.10	227.08	SNDG
152.42	5594384.49	501957.07	227.11	SNDG
154.18	5594382.73	501956.98	228.40	EWAT/1211/110517
154.51	5594382.40	501956.96	228.78	EWAT/1540/110531
158.72	5594378.20	501956.74	231.71	CRK/TOP
159.17	5594377.75	501956.71	231.59	ATEK/323/REBAR/LI52R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI52.2				
15.35	5594708.08	501375.06	231.38	SPOT
16.55	5594706.92	501375.34	230.96	SPOT
18.36	5594705.16	501375.76	230.65	SPOT
19.35	5594704.20	501375.99	229.85	EWAT/1456/110531
20.06	5594703.51	501376.15	229.63	SNDG
21.71	5594701.90	501376.53	229.82	EWAT/1459/110531
22.52	5594701.11	501376.72	230.93	GRAV/BAR
23.53	5594700.13	501376.95	231.06	GRAV/BAR
24.92	5594698.78	501377.28	230.89	GRAV/BAR
25.32	5594698.39	501377.37	229.66	EWAT/1501/110531
27.35	5594696.41	501377.84	229.42	SNDG
27.92	5594695.86	501377.97	229.64	EWAT/1503/110531
30.27	5594693.57	501378.52	229.75	GRAV/BAR
32.05	5594691.85	501378.93	230.91	GRAV/BAR
35.63	5594688.36	501379.76	231.31	GRAV/BAR
36.99	5594687.03	501380.07	231.09	GRAV/BAR
38.78	5594685.30	501380.49	230.51	GRAV/BAR
40.95	5594683.18	501380.99	230.39	GRAV/BAR
43.31	5594680.88	501381.54	230.81	GRAV/BAR
46.94	5594677.36	501382.38	231.05	GRAV/BAR
59.89	5594664.76	501385.38	231.35	GRAV/BAR
74.87	5594650.19	501388.85	231.56	GRAV/BAR
78.50	5594646.66	501389.69	229.68	GRAV/BAR
79.70	5594645.48	501389.97	229.36	EWAT/1509/110531
81.44	5594643.80	501390.37	228.69	SNDG
83.14	5594642.14	501390.76	228.13	SNDG
84.00	5594641.30	501390.96	228.16	SNDG
84.83	5594640.50	501391.15	228.20	SNDG
85.34	5594640.00	501391.27	228.18	SNDG
86.37	5594639.00	501391.51	228.01	SNDG
87.40	5594638.00	501391.75	228.00	SNDG
87.91	5594637.50	501391.87	227.91	SNDG
90.99	5594634.50	501392.58	227.93	SNDG
94.59	5594631.00	501393.42	227.75	SNDG
97.15	5594628.51	501394.01	227.80	SNDG
97.68	5594628.00	501394.13	227.75	SNDG
101.27	5594624.50	501394.96	227.70	SNDG
104.36	5594621.50	501395.68	227.59	SNDG
105.39	5594620.50	501395.92	227.63	SNDG
109.99	5594616.02	501396.98	227.48	SNDG
110.53	5594615.50	501397.11	227.42	SNDG
111.04	5594615.00	501397.23	227.26	SNDG
113.61	5594612.50	501397.82	227.52	SNDG
114.12	5594612.00	501397.94	227.54	SNDG
115.15	5594611.00	501398.18	227.50	SNDG
116.69	5594609.50	501398.54	227.74	SNDG
117.21	5594609.00	501398.66	227.75	SNDG
118.23	5594608.00	501398.89	227.91	SNDG
120.11	5594606.17	501399.33	228.00	SNDG
121.32	5594605.00	501399.61	228.16	SNDG
122.81	5594603.55	501399.95	228.26	SNDG
123.89	5594602.50	501400.20	228.25	SNDG
124.40	5594602.00	501400.32	228.14	SNDG
126.46	5594600.00	501400.80	228.10	SNDG
126.97	5594599.50	501400.92	228.16	SNDG
127.49	5594599.00	501401.04	228.08	SNDG
128.00	5594598.50	501401.16	228.09	SNDG
130.57	5594596.00	501401.75	228.28	SNDG
131.08	5594595.50	501401.87	228.36	SNDG
132.11	5594594.50	501402.11	228.31	SNDG
133.14	5594593.50	501402.35	228.36	SNDG
135.71	5594591.00	501402.94	228.30	SNDG
142.00	5594584.88	501404.40	228.56	SNDG
142.66	5594584.24	501404.55	228.57	SNDG
145.47	5594581.51	501405.20	228.74	SNDG
150.12	5594576.98	501406.28	229.13	SNDG
157.89	5594569.42	501408.08	229.27	SNDG
159.22	5594568.13	501408.39	229.36	EWAT/1425/110531
161.70	5594565.72	501408.96	229.72	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
162.42	5594565.01	501409.13	230.12	GRAV/BAR
164.31	5594563.18	501409.57	230.42	GRAV/BAR
166.10	5594561.44	501409.98	230.37	GRAV/BAR
170.49	5594557.17	501411.00	230.02	GRAV/BAR
172.62	5594555.10	501411.49	229.76	GRAV/BAR
182.14	5594545.83	501413.70	229.67	GRAV/BAR
183.61	5594544.40	501414.04	229.33	EWAT/1422/110531
184.50	5594543.54	501414.24	229.19	SNDG
187.42	5594540.70	501414.92	228.96	SNDG
188.79	5594539.37	501415.24	228.77	SNDG
189.94	5594538.25	501415.50	228.85	SNDG
191.03	5594537.19	501415.76	228.83	SNDG
191.85	5594536.39	501415.95	228.68	SNDG
192.19	5594536.05	501416.03	228.61	SNDG
192.67	5594535.59	501416.14	228.72	SNDG
193.41	5594534.87	501416.31	229.32	EWAT/1420/110531
195.11	5594533.22	501416.70	230.71	SPOT
197.83	5594530.57	501417.33	231.90	SPOT
200.00	5594528.46	501417.83	232.35	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI53				
0.00	5594792.75	500996.22	232.87	REBAR/LI53L
1.07	5594791.72	500995.95	232.90	CRK/TOP
3.40	5594789.46	500995.36	232.06	SPOT
5.65	5594787.29	500994.80	231.42	SPOT
6.96	5594786.02	500994.47	230.41	SPOT
7.34	5594785.65	500994.37	230.00	EWAT/1308/110531
7.70	5594785.29	500994.28	229.39	SNDG
8.97	5594784.07	500993.96	228.87	SNDG
9.78	5594783.29	500993.75	228.11	SNDG
10.07	5594783.00	500993.68	228.14	SNDG
11.11	5594782.00	500993.42	228.25	SNDG
12.27	5594780.88	500993.13	228.18	SNDG
13.18	5594780.00	500992.90	228.23	SNDG
13.91	5594779.29	500992.71	228.41	SNDG
14.21	5594779.00	500992.64	228.41	SNDG
14.72	5594778.51	500992.51	228.26	SNDG
15.24	5594778.00	500992.38	228.30	SNDG
16.37	5594776.91	500992.09	228.42	SNDG
16.78	5594776.51	500991.99	228.56	SNDG
17.31	5594776.00	500991.86	228.66	SNDG
18.34	5594775.00	500991.60	228.78	SNDG
18.83	5594774.53	500991.47	228.75	SNDG
19.38	5594774.00	500991.33	228.83	SNDG
20.41	5594773.00	500991.07	228.90	SNDG
22.11	5594771.36	500990.65	229.24	SNDG
23.51	5594770.00	500990.29	229.38	SNDG
24.16	5594769.37	500990.13	229.28	SNDG
25.80	5594767.79	500989.72	229.33	SNDG
26.65	5594766.96	500989.50	229.43	SNDG
27.85	5594765.80	500989.20	229.45	SNDG
35.64	5594758.27	500987.23	229.14	SNDG
38.09	5594755.89	500986.61	229.14	SNDG
40.53	5594753.53	500986.00	229.06	SNDG
41.59	5594752.50	500985.73	228.96	SNDG
43.83	5594750.33	500985.17	228.89	SNDG
45.06	5594749.14	500984.86	228.77	SNDG
46.29	5594747.95	500984.55	228.78	SNDG
49.34	5594745.00	500983.78	228.63	SNDG
52.43	5594742.01	500983.00	228.62	SNDG
54.08	5594740.42	500982.58	228.71	SNDG
55.54	5594739.00	500982.22	228.68	SNDG
57.09	5594737.50	500981.82	228.75	SNDG
57.77	5594736.85	500981.65	228.72	SNDG
59.16	5594735.50	500981.30	228.78	SNDG
62.78	5594732.00	500980.39	228.83	SNDG
63.51	5594731.29	500980.21	228.80	SNDG
64.33	5594730.50	500980.00	228.85	SNDG
65.36	5594729.50	500979.74	228.79	SNDG
66.91	5594728.00	500979.35	228.87	SNDG
67.61	5594727.33	500979.17	228.76	SNDG
68.43	5594726.53	500978.97	228.73	SNDG
70.89	5594724.15	500978.35	228.79	SNDG
72.08	5594723.00	500978.05	228.98	SNDG
72.59	5594722.50	500977.92	229.01	SNDG
74.14	5594721.00	500977.53	229.00	SNDG
75.69	5594719.50	500977.13	228.90	SNDG
78.79	5594716.50	500976.35	229.01	SNDG
83.96	5594711.50	500975.05	229.04	SNDG
86.46	5594709.08	500974.42	229.12	SNDG
88.00	5594707.59	500974.03	229.11	SNDG
88.40	5594707.21	500973.93	229.04	SNDG
89.75	5594705.90	500973.59	229.08	SNDG
91.85	5594703.87	500973.06	229.27	SNDG
93.35	5594702.42	500972.68	229.56	SNDG
93.98	5594701.80	500972.52	229.62	SNDG
95.44	5594700.40	500972.16	229.97	EWAT/1259/110531
96.21	5594699.65	500971.96	230.19	GRAV/BAR
99.68	5594696.29	500971.09	230.63	GRAV/BAR
101.35	5594694.67	500970.67	230.91	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
103.09	5594692.99	500970.23	230.70	GRAV/BAR
106.16	5594690.02	500969.45	230.73	NAIL/LI/53M
108.94	5594687.33	500968.75	230.46	GRAV/BAR
111.71	5594684.65	500968.05	230.63	GRAV/BAR
114.60	5594681.85	500967.32	230.73	GRAV/BAR
116.31	5594680.20	500966.89	230.23	GRAV/BAR
117.91	5594678.65	500966.49	230.15	GRAV/BAR
119.21	5594677.39	500966.16	229.93	EWAT/1255/110531
120.16	5594676.47	500965.92	229.78	SNDG
121.38	5594675.29	500965.62	229.64	SNDG
122.57	5594674.14	500965.32	229.50	SNDG
122.66	5594674.05	500965.29	229.50	SNDG
123.41	5594673.33	500965.11	229.53	SNDG
124.35	5594672.41	500964.87	229.59	SNDG
125.01	5594671.77	500964.70	229.69	SNDG
127.22	5594669.64	500964.15	229.82	SNDG
129.73	5594667.21	500963.51	229.93	EWAT/1251/110531
132.74	5594664.30	500962.75	230.04	SPOT
138.86	5594658.38	500961.21	230.14	SPOT
142.08	5594655.26	500960.40	230.50	SPOT
147.42	5594650.09	500959.05	230.79	SPOT
149.24	5594648.33	500958.59	231.30	SPOT
152.62	5594645.06	500957.74	231.34	SPOT
159.08	5594638.81	500956.11	231.07	SPOT
166.77	5594631.37	500954.17	230.91	SPOT
169.00	5594629.21	500953.61	231.30	SPOT
171.55	5594626.74	500952.97	232.21	CRK/TOP
175.30	5594623.11	500952.02	232.07	ATEK/318/REBAR/LI53R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI53.1X				
22.00	5594973.49	500522.49	232.27	SPOT
31.20	5594964.47	500524.28	231.93	SPOT
35.33	5594960.42	500525.08	232.14	SPOT
41.02	5594954.84	500526.19	231.98	SPOT
44.03	5594951.88	500526.77	230.88	SPOT
51.18	5594944.86	500528.16	231.19	SPOT
52.25	5594943.82	500528.37	231.60	SPOT
54.34	5594941.77	500528.77	232.31	SPOT
59.96	5594936.26	500529.86	232.54	SPOT
63.65	5594932.63	500530.58	232.38	SPOT
66.85	5594929.50	500531.20	232.25	SPOT
68.18	5594928.19	500531.46	232.44	SPOT
71.42	5594925.02	500532.09	232.55	SPOT
80.61	5594916.00	500533.87	232.55	CRK/TOP
81.37	5594915.25	500534.02	230.52	EWAT/1142/110531
81.57	5594915.05	500534.06	230.28	SNDG
82.07	5594914.56	500534.16	230.02	SNDG
83.00	5594913.65	500534.34	229.57	SNDG
85.20	5594911.50	500534.76	228.55	SNDG
85.71	5594911.00	500534.86	228.39	SNDG
87.23	5594909.50	500535.16	228.18	SNDG
87.74	5594909.00	500535.26	228.15	SNDG
88.76	5594908.00	500535.45	228.19	SNDG
89.78	5594907.00	500535.65	228.02	SNDG
90.80	5594906.00	500535.85	228.04	SNDG
92.84	5594904.00	500536.25	228.23	SNDG
93.86	5594903.00	500536.44	228.26	SNDG
95.90	5594901.00	500536.84	228.50	SNDG
97.94	5594899.00	500537.24	228.52	SNDG
98.45	5594898.50	500537.33	228.59	SNDG
100.49	5594896.50	500537.73	228.64	SNDG
101.00	5594896.00	500537.83	228.72	SNDG
106.60	5594890.50	500538.92	228.77	SNDG
109.66	5594887.50	500539.51	229.03	SNDG
113.23	5594884.00	500540.20	229.18	SNDG
114.76	5594882.50	500540.50	229.36	SNDG
116.29	5594881.00	500540.80	229.37	SNDG
118.16	5594879.16	500541.16	229.48	SNDG
119.84	5594877.51	500541.49	229.50	SNDG
120.87	5594876.50	500541.69	229.58	SNDG
125.46	5594872.00	500542.58	229.73	SNDG
126.99	5594870.50	500542.88	229.63	SNDG
128.00	5594869.51	500543.07	229.46	SNDG
128.52	5594869.00	500543.17	229.44	SNDG
130.05	5594867.50	500543.47	229.27	SNDG
132.09	5594865.50	500543.86	229.17	SNDG
134.64	5594863.00	500544.36	229.18	SNDG
135.00	5594862.64	500544.43	229.24	SNDG
135.87	5594861.79	500544.60	229.39	SNDG
137.49	5594860.20	500544.91	229.86	SNDG
138.84	5594858.88	500545.18	230.00	SNDG
140.06	5594857.68	500545.41	230.17	SNDG
141.51	5594856.26	500545.69	230.28	SNDG
143.52	5594854.28	500546.08	230.23	SNDG
144.13	5594853.69	500546.20	230.24	SNDG
146.82	5594851.05	500546.72	230.47	EWAT/1122/110531
148.90	5594849.01	500547.13	230.58	GRAV/BAR
158.54	5594839.55	500549.00	230.80	GRAV/BAR
162.60	5594835.57	500549.79	230.87	GRAV/BAR
167.44	5594830.82	500550.73	230.84	GRAV/BAR
173.44	5594824.93	500551.89	230.84	GRAV/BAR
176.87	5594821.57	500552.56	231.12	NAIL/LI/53.1
181.42	5594817.11	500553.44	231.36	GRAV/BAR
187.09	5594811.55	500554.54	231.48	GRAV/BAR
191.61	5594807.11	500555.42	231.43	GRAV/BAR
197.13	5594801.70	500556.49	231.08	GRAV/BAR
200.20	5594798.68	500557.09	231.38	GRAV/BAR
203.86	5594795.09	500557.80	231.60	GRAV/BAR
205.91	5594793.09	500558.19	231.36	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
210.34	5594788.74	500559.06	232.06	GRAV/BAR
220.65	5594778.62	500561.06	232.26	GRAV/BAR
226.91	5594772.49	500562.27	231.93	GRAV/BAR
232.70	5594766.81	500563.40	232.15	GRAV/BAR
238.73	5594760.89	500564.57	231.86	GRAV/BAR
243.94	5594755.77	500565.58	231.65	GRAV/BAR
245.25	5594754.49	500565.83	232.00	GRAV/BAR
246.97	5594752.80	500566.17	231.95	GRAV/BAR
249.27	5594750.55	500566.61	231.32	GRAV/BAR
251.25	5594748.60	500567.00	231.91	GRAV/BAR
255.79	5594744.15	500567.88	231.88	GRAV/BAR
257.21	5594742.76	500568.15	231.57	GRAV/BAR
261.21	5594738.84	500568.93	231.98	GRAV/BAR
265.75	5594734.38	500569.81	231.85	GRAV/BAR
269.92	5594730.29	500570.62	231.54	GRAV/BAR
278.20	5594722.17	500572.23	231.96	GRAV/BAR
278.71	5594721.67	500572.33	231.89	GRAV/BAR
286.34	5594714.18	500573.81	231.52	GRAV/BAR
288.12	5594712.44	500574.15	231.67	GRAV/BAR
292.06	5594708.57	500574.92	231.66	GRAV/BAR
299.97	5594700.81	500576.46	231.62	GRAV/BAR
304.65	5594696.22	500577.36	231.91	GRAV/BAR
308.07	5594692.87	500578.03	231.10	GRAV/BAR
311.24	5594689.76	500578.64	230.96	GRAV/BAR
313.94	5594687.11	500579.17	231.41	GRAV/BAR
317.18	5594683.93	500579.80	231.81	GRAV/BAR
330.31	5594671.04	500582.35	232.01	GRAV/BAR
347.36	5594654.33	500585.65	232.13	GRAV/BAR
349.52	5594652.21	500586.07	231.82	GRAV/BAR
353.33	5594648.47	500586.81	231.15	GRAV/BAR
356.69	5594645.17	500587.47	230.64	GRAV/BAR
359.42	5594642.49	500588.00	230.01	EWAT/1651/110530
360.99	5594640.95	500588.30	229.82	SNDG
362.62	5594639.35	500588.62	229.70	SNDG
363.80	5594638.19	500588.85	229.57	SNDG
366.58	5594635.46	500589.39	229.42	SNDG
367.18	5594634.88	500589.50	229.55	SNDG
368.02	5594634.05	500589.67	230.01	EWAT/1656/110530
371.29	5594630.85	500590.30	231.23	SPOT
372.21	5594629.94	500590.48	231.55	SPOT
386.13	5594616.29	500593.18	231.94	SPOT
390.00	5594612.49	500593.93	234.16	CRK/TOP

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI54				
0.00	5594832.39	500034.56	234.05	REBAR/LI54L/NF
3.17	5594829.32	500035.36	234.14	SPOT
16.44	5594816.48	500038.70	232.02	SPOT
17.00	5594815.93	500038.85	231.54	SPOT
23.07	5594810.06	500040.38	231.40	SPOT
24.54	5594808.64	500040.75	231.77	SPOT
27.03	5594806.23	500041.37	231.96	SPOT
28.72	5594804.59	500041.80	231.51	SPOT
30.50	5594802.87	500042.25	232.27	SPOT
34.19	5594799.30	500043.18	232.58	SPOT
41.67	5594792.06	500045.06	232.78	SPOT
48.22	5594785.72	500046.71	232.97	SPOT
49.48	5594784.50	500047.03	232.71	SPOT
52.71	5594781.38	500047.85	233.06	SPOT
59.58	5594774.73	500049.58	233.00	SPOT
63.97	5594770.48	500050.68	232.51	SPOT
65.27	5594769.22	500051.01	231.90	SPOT
67.50	5594767.07	500051.57	231.48	SPOT
69.08	5594765.53	500051.97	231.51	SPOT
72.41	5594762.31	500052.81	231.31	SPOT
74.31	5594760.48	500053.29	231.17	SPOT
74.61	5594760.19	500053.37	231.11	EWAT/1555/110530
76.12	5594758.73	500053.75	230.81	SNDG
77.41	5594757.47	500054.07	230.71	SNDG
78.95	5594755.99	500054.46	230.45	SNDG
81.50	5594753.51	500055.10	230.48	SNDG
83.40	5594751.68	500055.58	230.45	SNDG
84.10	5594751.00	500055.76	230.49	SNDG
85.11	5594750.02	500056.01	230.35	SNDG
85.95	5594749.21	500056.22	230.16	SNDG
87.20	5594748.00	500056.54	230.04	SNDG
87.71	5594747.50	500056.67	229.91	SNDG
88.23	5594747.00	500056.80	229.91	SNDG
89.26	5594746.00	500057.06	229.71	SNDG
90.81	5594744.50	500057.45	229.53	SNDG
91.33	5594744.00	500057.58	229.56	SNDG
91.85	5594743.51	500057.71	229.42	SNDG
92.92	5594742.47	500057.98	229.41	SNDG
94.43	5594741.01	500058.36	229.22	SNDG
101.12	5594734.53	500060.05	229.07	SNDG
103.21	5594732.51	500060.57	228.93	SNDG
103.99	5594731.75	500060.77	228.97	SNDG
106.45	5594729.37	500061.39	228.94	SNDG
107.34	5594728.51	500061.62	228.89	SNDG
108.50	5594727.39	500061.91	228.74	SNDG
109.41	5594726.51	500062.14	228.70	SNDG
110.95	5594725.01	500062.53	228.50	SNDG
111.48	5594724.51	500062.66	228.47	SNDG
112.51	5594723.51	500062.92	228.60	SNDG
113.54	5594722.51	500063.18	228.60	SNDG
115.06	5594721.04	500063.56	228.68	SNDG
116.00	5594720.13	500063.80	228.90	SNDG
116.76	5594719.40	500063.99	229.07	SNDG
118.37	5594717.84	500064.39	229.76	SNDG
119.71	5594716.54	500064.73	230.53	SNDG
120.22	5594716.04	500064.86	231.11	EWAT/1603/110530
124.94	5594711.48	500066.05	233.71	CRK/TOP
126.79	5594709.69	500066.52	233.80	SPOT
135.70	5594701.07	500068.76	234.15	SPOT
138.20	5594698.65	500069.39	235.11	SPOT
150.63	5594686.62	500072.53	235.01	BOLT/LI54R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI55				
0.00	5594886.69	499849.28	236.17	REBAR/LI55L
4.28	5594883.13	499846.90	233.88	SPOT
5.81	5594881.85	499846.05	233.35	SPOT
7.89	5594880.12	499844.90	231.84	SPOT
11.17	5594877.40	499843.08	232.22	SPOT
13.41	5594875.53	499841.83	231.50	SPOT
17.35	5594872.26	499839.65	232.90	SPOT
23.37	5594867.25	499836.30	232.72	SPOT
25.29	5594865.66	499835.24	233.13	SPOT
33.19	5594859.08	499830.84	233.08	SPOT
36.30	5594856.50	499829.12	232.31	SPOT
38.31	5594854.83	499828.00	231.68	SPOT
39.47	5594853.86	499827.36	231.50	EWAT/1401/110530
40.32	5594853.16	499826.88	231.26	SNDG
42.62	5594851.24	499825.61	230.93	SNDG
43.81	5594850.25	499824.94	230.79	SNDG
45.53	5594848.83	499823.99	230.72	SNDG
46.69	5594847.86	499823.35	230.47	SNDG
47.47	5594847.21	499822.92	230.66	SNDG
48.82	5594846.09	499822.16	231.13	SNDG
50.39	5594844.79	499821.29	231.04	SNDG
53.59	5594842.12	499819.51	230.69	SNDG
56.12	5594840.02	499818.11	230.66	SNDG
58.39	5594838.13	499816.85	231.06	SNDG
61.82	5594835.28	499814.94	230.61	SNDG
64.49	5594833.06	499813.46	230.64	SNDG
67.20	5594830.80	499811.95	230.57	SNDG
68.94	5594829.36	499810.99	230.82	SNDG
70.11	5594828.39	499810.34	231.08	SNDG
72.12	5594826.71	499809.22	231.48	EWAT/1415/110530
73.57	5594825.51	499808.41	231.95	GRAV/BAR
77.88	5594821.93	499806.03	231.68	GRAV/BAR
79.86	5594820.28	499804.93	231.45	EWAT/1408/110530
81.68	5594818.76	499803.91	231.00	SNDG
83.49	5594817.26	499802.91	231.01	SNDG
85.13	5594815.89	499801.99	231.01	SNDG
86.65	5594814.63	499801.15	230.95	SNDG
88.79	5594812.86	499799.96	230.23	SNDG
89.93	5594811.90	499799.33	230.15	SNDG
90.52	5594811.41	499799.00	230.16	SNDG
91.54	5594810.57	499798.44	230.23	SNDG
93.70	5594808.77	499797.23	230.81	SNDG
94.42	5594808.17	499796.83	230.91	SNDG
95.51	5594807.27	499796.23	230.98	SNDG
98.03	5594805.17	499794.83	231.36	SNDG
99.11	5594804.27	499794.23	231.42	SNDG
102.36	5594801.57	499792.43	231.41	SNDG
102.72	5594801.27	499792.23	231.30	SNDG
105.60	5594798.87	499790.63	231.10	SNDG
105.96	5594798.57	499790.43	230.98	SNDG
107.85	5594797.00	499789.37	230.96	SNDG
112.45	5594793.18	499786.82	230.80	SNDG
114.47	5594791.50	499785.70	230.67	SNDG
115.67	5594790.50	499785.03	230.65	SNDG
118.22	5594788.38	499783.62	230.46	SNDG
120.74	5594786.28	499782.22	230.40	SNDG
122.18	5594785.09	499781.42	230.19	SNDG
123.26	5594784.19	499780.82	230.10	SNDG
125.63	5594782.22	499779.50	229.98	SNDG
127.59	5594780.59	499778.41	229.95	SNDG
129.39	5594779.09	499777.41	229.78	SNDG
131.30	5594777.50	499776.35	229.88	SNDG
133.00	5594776.09	499775.41	229.88	SNDG
134.44	5594774.89	499774.61	229.82	SNDG
136.60	5594773.09	499773.41	229.61	SNDG
139.12	5594771.00	499772.01	229.21	SNDG
141.65	5594768.90	499770.60	229.00	SNDG
142.72	5594768.01	499770.01	228.82	SNDG
143.33	5594767.50	499769.67	228.86	SNDG

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
144.53	5594766.50	499769.00	228.80	SNDG
145.25	5594765.90	499768.60	228.89	SNDG
145.61	5594765.60	499768.40	229.00	SNDG
146.00	5594765.28	499768.19	229.18	SNDG
147.01	5594764.44	499767.62	229.28	SNDG
149.16	5594762.65	499766.43	230.91	SNDG
149.60	5594762.29	499766.19	231.54	EWAT/1500/110530
149.98	5594761.97	499765.98	231.98	SPOT
151.31	5594760.87	499765.24	232.68	SPOT
152.73	5594759.68	499764.45	233.46	SPOT
155.30	5594757.55	499763.02	234.07	CRK/TOP
167.34	5594747.53	499756.33	233.88	BOLT/LI55R

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
LI56				
0.00	5595083.83	499096.16	235.76	ATEK/286/REBAR/LI56L
2.63	5595081.57	499097.51	236.41	CRK/TOP
5.22	5595079.35	499098.84	233.87	SPOT
6.91	5595077.90	499099.70	233.64	SPOT
15.55	5595070.48	499104.13	234.16	SPOT
17.56	5595068.75	499105.16	232.77	SPOT
17.68	5595068.65	499105.22	232.54	EWAT/1205/110530
18.11	5595068.28	499105.45	232.18	SNDG
19.98	5595066.68	499106.40	232.25	SNDG
21.78	5595065.13	499107.33	232.33	SNDG
23.83	5595063.37	499108.37	232.28	SNDG
29.91	5595058.15	499111.49	232.37	SNDG
35.58	5595053.28	499114.40	232.43	SNDG
38.50	5595050.78	499115.89	232.43	SNDG
40.87	5595048.74	499117.11	232.48	SNDG
41.52	5595048.18	499117.44	232.55	EWAT/1208/110530
43.88	5595046.15	499118.65	233.28	GRAV/BAR
45.63	5595044.65	499119.55	233.41	GRAV/BAR
48.77	5595041.95	499121.16	232.97	GRAV/BAR
53.96	5595037.50	499123.82	233.15	GRAV/BAR
67.81	5595025.61	499130.92	233.44	GRAV/BAR
70.10	5595023.64	499132.09	234.13	GRAV/BAR
72.88	5595021.25	499133.52	234.23	GRAV/BAR
74.53	5595019.83	499134.36	233.77	GRAV/BAR
78.37	5595016.54	499136.33	233.40	GRAV/BAR
82.99	5595012.57	499138.70	233.52	GRAV/BAR
86.40	5595009.64	499140.45	233.43	GRAV/BAR
90.81	5595005.86	499142.70	233.32	GRAV/BAR
94.25	5595002.90	499144.47	233.56	GRAV/BAR
96.33	5595001.11	499145.54	233.60	GRAV/BAR
102.85	5594995.52	499148.88	233.47	GRAV/BAR
104.74	5594993.89	499149.85	233.67	GRAV/BAR
112.49	5594987.24	499153.82	234.35	GRAV/BAR
115.52	5594984.64	499155.37	233.86	GRAV/BAR
117.99	5594982.52	499156.64	234.32	GRAV/BAR
118.77	5594981.85	499157.04	233.87	GRAV/BAR
120.57	5594980.30	499157.96	234.03	GRAV/BAR
126.24	5594975.44	499160.86	233.60	GRAV/BAR
129.99	5594972.21	499162.79	233.89	GRAV/BAR
135.38	5594967.58	499165.55	233.85	GRAV/BAR
139.40	5594964.14	499167.61	234.22	GRAV/BAR
147.43	5594957.24	499171.73	234.33	GRAV/BAR
150.97	5594954.20	499173.54	234.05	GRAV/BAR
153.98	5594951.62	499175.08	233.52	GRAV/BAR
158.34	5594947.87	499177.32	233.79	GRAV/BAR
160.23	5594946.24	499178.29	233.75	GRAV/BAR
161.51	5594945.15	499178.94	233.18	GRAV/BAR
165.23	5594941.96	499180.85	233.27	GRAV/BAR
169.93	5594937.92	499183.26	233.46	GRAV/BAR
173.46	5594934.88	499185.07	233.48	GRAV/BAR
181.99	5594927.56	499189.44	233.22	GRAV/BAR
188.70	5594921.80	499192.88	233.03	GRAV/BAR
192.43	5594918.60	499194.79	233.02	GRAV/BAR
197.28	5594914.44	499197.28	232.97	GRAV/BAR
203.47	5594909.12	499200.45	232.85	GRAV/BAR
205.81	5594907.11	499201.65	232.71	EWAT/1227/110530
210.08	5594903.44	499203.84	232.49	SNDG
213.39	5594900.60	499205.53	232.49	SNDG
216.54	5594897.90	499207.15	232.52	SNDG
220.16	5594894.79	499209.00	232.44	SNDG
222.89	5594892.44	499210.41	232.39	SNDG
225.12	5594890.53	499211.55	232.28	SNDG
226.23	5594889.57	499212.12	232.46	SNDG
227.12	5594888.81	499212.57	232.53	SNDG
227.77	5594888.26	499212.90	232.71	EWAT/1232/110530
229.60	5594886.69	499213.84	233.22	GRAV/BAR
235.07	5594881.98	499216.65	233.06	GRAV/BAR
242.03	5594876.01	499220.21	232.90	GRAV/BAR
247.94	5594870.93	499223.24	232.79	GRAV/BAR

Pemberton Valley Dyking District

2011 Lillooet River Cross Section Survey - May 2011 Cross Section Point Data

CHAINAGE (m)	NORTHING	EASTING	ELEVATION (m)	DESCRIPTION
253.76	5594865.94	499226.23	232.98	GRAV/BAR
254.36	5594865.42	499226.53	232.76	EWAT/1246/110530
256.00	5594864.01	499227.37	232.60	SNDG
257.93	5594862.36	499228.36	232.19	SNDG
260.10	5594860.49	499229.48	232.19	SNDG
261.00	5594859.72	499229.94	232.11	SNDG
261.84	5594859.00	499230.37	232.03	SNDG
270.69	5594851.40	499234.90	231.91	SNDG
272.32	5594850.00	499235.74	231.83	SNDG
273.24	5594849.21	499236.21	231.84	SNDG
275.81	5594847.00	499237.53	232.01	SNDG
277.98	5594845.14	499238.64	231.89	SNDG
279.89	5594843.50	499239.62	232.03	SNDG
281.61	5594842.02	499240.50	231.98	SNDG
283.56	5594840.35	499241.50	232.01	SNDG
286.49	5594837.83	499243.00	231.97	SNDG
289.42	5594835.32	499244.50	231.87	SNDG
290.95	5594834.00	499245.29	231.68	SNDG
291.54	5594833.50	499245.59	231.70	SNDG
293.32	5594831.97	499246.50	231.54	SNDG
294.45	5594831.00	499247.08	231.55	SNDG
296.19	5594829.50	499247.97	231.41	SNDG
297.31	5594828.54	499248.55	231.40	SNDG
298.20	5594827.78	499249.00	231.29	SNDG
302.60	5594824.00	499251.26	231.28	SNDG
303.87	5594822.91	499251.91	231.19	SNDG
304.60	5594822.28	499252.28	231.26	SNDG
307.52	5594819.78	499253.78	230.96	SNDG
309.59	5594818.00	499254.84	230.84	SNDG
310.17	5594817.50	499255.14	230.89	SNDG
312.99	5594815.08	499256.58	230.79	SNDG
314.45	5594813.83	499257.33	230.90	SNDG
314.81	5594813.52	499257.52	230.96	SNDG
315.41	5594813.00	499257.82	231.18	SNDG
315.99	5594812.50	499258.12	231.59	SNDG
316.63	5594811.95	499258.45	231.94	SNDG
317.36	5594811.32	499258.82	232.50	SNDG
319.21	5594809.74	499259.77	232.95	EWAT/1252/110530
321.29	5594807.96	499260.83	236.19	CRK/TOP



KERR WOOD LEIDAL
consulting engineers

Appendix E

Bathymetric Survey (Swath & Thalweg)

Data CD Included in Bound Copy