

Lower Gordon River Scientific Survey, 1976-78 (LGRSS)

The table below gives the UTM grid reference and latitude/longitude (and in most cases elevation, in metres a.s.l.) for stations on investigation lines laid out by the Hydro-Electric Commission (HEC). The lines were cut in valleys to be flooded by the proposed Gordon-below-Franklin dam project. Information about soils, hydrology, vegetation, climatology, etc along the lines can be found in a series of spiral-bound reports published by the HEC in 1978. Five of those reports cover zoological sampling:

- Hickman, J.L. & Hill, L. 1978. *Lower Gordon River Scientific Survey. Terrestrial Invertebrates*. Hobart: Hydro-Electric Commission; 31 pp.
- Hocking, G.J., Guiler, E.R. & Colquhoun-Kerr, J.S. 1978. *Lower Gordon River Scientific Survey. The Mammals*. Hobart: Hydro-Electric Commission; 65 pp.
- Richardson, A.M.M. & Swain, R. 1978. *Lower Gordon River Scientific Survey. The Distribution of Burrowing Crayfish*. Hobart: Hydro-Electric Commission; 70 pp.
- Richardson, A.M.M. & Swain, R. 1978. *Lower Gordon River Scientific Survey. The Freshwater Invertebrates*. Hobart: Hydro-Electric Commission; 90 pp.
- Rose, R. 1978. *Lower Gordon River Scientific Survey. The Birds*. Hobart: Hydro-Electric Commission; 29 pp.

Grid references for the listed stations are derived from 1:2000 survey plans prepared by the HEC. Each grid reference is the **centre** of the 20 m UTM grid square in which the station was located. In most cases, sampling was close to a peg marking the station, and the precision of sampling locations can be assumed to be ± 40 m or better. Latitude/longitude was calculated from grid reference using the appropriate settings in GeoCalc 4.20 (GeoComp Systems, Blackburn, Victoria).

Note that the locations given here are based on the AGD66 datum. To convert these grid references to the system based on the GDA94 datum, add 112 m to eastings and 183 m to northings. To convert latitude/longitude to GDA94 (approximately equivalent to WGS84), subtract 5.4" from latitude and add 4.8" to longitude.

Elevations were estimated to the nearest 10 m (smaller value) from scale drawings in:

- Hydro-Electric Commission. 1978. *Lower Gordon River Scientific Survey. Transect Profile Drawings*. Hobart: Hydro-Electric Commission; 18 pp. + 28 pls.

Three zoological sampling sites are not listed below. The exact location of 'Olga Camp' as a collecting site is uncertain, but is likely to be within the 100 m grid square DN018731; the centre of this square is at 42°41'15"S, 145°48'06"E (401850 5273150). According to notes kindly provided by A.M.M. Richardson, the summit of Hardwood Hill was reached from the west end of line 12 by Chris Howard and Craig Johnson on 17 February 1977; 'Hardwood Hill' samples on this date come from collecting sites along the route of march and localities are uncertain. Finally, the Truchanas Huon Pine Reserve was visited by a party of zoological collectors on 19 March 1976. According to Richardson, collecting was probably within a 1 km radius of 42°55'19"S, 145°49'23"E (403950 5247150)

The following notes should be read before the table below is used:

1. No station markers are shown on the line 2L survey plan between 2L-1900 and 2L-4450. Positions of intermediate stations have been estimated for this compilation.
2. No station markers are shown on the 9L survey plan beyond 9L-600. Zoological sampling was done at 9L-650 and 9L-1000, and the positions of these two stations along a surveyed track have been estimated below.
3. According to LGRSS terrestrial invertebrate project files loaned to me by Lionel Hill, sampling was done at '4.0R 200'. It isn't clear what this refers to. No branch track leading right (R) from station 4-0 is shown on the line 4 survey plan. Since station 4-0 was on the bank of the Maxwell River, '4.0R 200' may mean 'right for 200 m along the river'. Alternatively, '4.0R 200' is an error for 4-200 or 4.578R-200.
4. According to the LGRSS terrestrial invertebrate project files, the zoological sampling site '4.578R' is actually 4-578R-700 and 4-578R630L-240 (combined samples).
5. According to the HEC's *Transect Profile Drawings* report, the station markers 7R-950 to 7R-2400 were at first mislabeled 7R-1000 to 7R-2450. There is thus a possible error in location reporting of about 50 m. It isn't known when the labels were corrected.
6. The 1978 report on freshwater invertebrates (see above) includes as an appendix a list of 174 collecting sites, with grid references and other information. These grid references were evidently estimated from the only maps available to field workers in the 1970s, namely the 1:100 000 Franklin and Olga sheets. A check of a number of sites listed as stations on investigation lines revealed position errors of up to 700 m.

Bob Mesibov
30 January 2003

Line	Position	E	N	Lat S	Long E	Elev	Notes
1L	0	402070	5273210	42°41'13"	145°48'16"	10	S bank of Gordon River
1L	50	402030	5273190	42°41'14"	145°48'14"	50	
1L	100	401990	5273190	42°41'14"	145°48'12"	70	
1L	150	401950	5273170	42°41'15"	145°48'11"	90	
1L	200	401890	5273190	42°41'14"	145°48'08"	110	
1L	250	401850	5273190	42°41'14"	145°48'06"	130	
1L	300	401830	5273170	42°41'15"	145°48'05"	130	
1L	350	401790	5273110	42°41'17"	145°48'04"	120	
1L	400	401770	5273070	42°41'18"	145°48'03"	120	
1L	450	401750	5273030	42°41'19"	145°48'02"	120	
1L	500	401710	5273010	42°41'20"	145°48'00"	90	
1L	550	401690	5273010	42°41'20"	145°47'59"	80	
1L	600	401650	5272970	42°41'21"	145°47'57"	110	
1L	650	401650	5272930	42°41'22"	145°47'57"	120	
1L	700	401610	5272890	42°41'24"	145°47'56"	150	
1L	750	401590	5272870	42°41'24"	145°47'55"	180	
1L	800	401570	5272830	42°41'26"	145°47'54"	200	
1L	850	401530	5272810	42°41'26"	145°47'52"	210	
1L	900	401510	5272770	42°41'27"	145°47'51"	230	
1L	950	401470	5272730	42°41'29"	145°47'49"	250	
1L	1000	401450	5272690	42°41'30"	145°47'48"	280	
1L	1050	401430	5272670	42°41'31"	145°47'48"	300	
1L	1100	401390	5272630	42°41'32"	145°47'46"	330	
1L	1150	401370	5272590	42°41'33"	145°47'45"	330	
1L	1200	401370	5272530	42°41'35"	145°47'45"	340	
1L	1250	401370	5272490	42°41'36"	145°47'45"	350	
1R	0	402110	5273250	42°41'12"	145°48'18"	10	W end of line 1 N bank of Gordon River
1R	50	402130	5273290	42°41'11"	145°48'19"	40	
1R	100	402170	5273290	42°41'11"	145°48'20"	80	
1R	150	402210	5273310	42°41'10"	145°48'22"	100	
1R	200	402250	5273310	42°41'10"	145°48'24"	130	
1R	250	402290	5273330	42°41'10"	145°48'26"	160	
1R	300	402330	5273310	42°41'10"	145°48'27"	180	
1R	350	402370	5273310	42°41'10"	145°48'29"	160	
1R	400	402410	5273330	42°41'10"	145°48'31"	160	
1R	450	402450	5273350	42°41'09"	145°48'33"	140	
1R	500	402490	5273370	42°41'08"	145°48'35"	110	
1R	550	402530	5273390	42°41'08"	145°48'36"	90	
1R	600	402570	5273390	42°41'08"	145°48'38"	90	
1R	650	402610	5273410	42°41'07"	145°48'40"	80	
1R	700	402650	5273450	42°41'06"	145°48'42"	90	helipad
1R	750	402690	5273470	42°41'05"	145°48'43"	90	
1R	800	402730	5273450	42°41'06"	145°48'45"	90	
1R	850	402790	5273470	42°41'05"	145°48'48"	100	
1R	900	402830	5273490	42°41'05"	145°48'50"	110	
1R	950	402870	5273510	42°41'04"	145°48'51"	110	
1R	1000	402910	5273530	42°41'03"	145°48'53"	110	
1R	1050	402930	5273570	42°41'02"	145°48'54"	120	
1R	1100	402970	5273570	42°41'02"	145°48'56"	140	
1R	1150	403030	5273570	42°41'02"	145°48'58"	150	E end of line 1
2L	0	403610	5269750	42°43'06"	145°49'22"	20	W bank of Gordon River
2L	50	403570	5269730	42°43'07"	145°49'20"	30	
2L	150	403530	5269710	42°43'08"	145°49'18"	50	
2L	200	403490	5269670	42°43'09"	145°49'16"	60	
2L	250	403470	5269670	42°43'09"	145°49'15"	80	
2L	300	403430	5269650	42°43'09"	145°49'14"	100	
2L	350	403390	5269630	42°43'10"	145°49'12"	130	
2L	400	403350	5269610	42°43'11"	145°49'10"	150	
2L	450	403330	5269590	42°43'11"	145°49'09"	170	
2L	500	403310	5269530	42°43'13"	145°49'08"	170	
2L	550	403330	5269490	42°43'15"	145°49'09"	180	
2L	600	403290	5269470	42°43'15"	145°49'07"	170	
2L	650	403250	5269450	42°43'16"	145°49'06"	150	
2L	700	403210	5269450	42°43'16"	145°49'04"	130	
2L	750	403170	5269490	42°43'15"	145°49'02"	120	
2L	800	403150	5269490	42°43'15"	145°49'01"	110	
2L	850	403110	5269470	42°43'15"	145°48'59"	130	
2L	900	403070	5269450	42°43'16"	145°48'58"	130	
2L	950	403030	5269410	42°43'17"	145°48'56"	140	
2L	1000	402990	5269430	42°43'16"	145°48'54"	120	
2L	1050	402950	5269450	42°43'16"	145°48'52"	90	
2L	1100	402930	5269470	42°43'15"	145°48'51"	70	
2L	1150	402890	5269510	42°43'14"	145°48'50"	60	
2L	1200	402870	5269510	42°43'14"	145°48'49"	80	

Line	Position	E	N	Lat S	Long E	Elev	Notes
2L	1250	402810	5269530	42°43'13"	145°48'46"	110	
2L	1300	402770	5269530	42°43'13"	145°48'44"	130	
2L	1350	402730	5269530	42°43'13"	145°48'43"	130	
2L	1400	402690	5269530	42°43'13"	145°48'41"	110	
2L	1450	402650	5269530	42°43'13"	145°48'39"	100	
2L	1500	402610	5269530	42°43'13"	145°48'37"	100	
2L	1550	402570	5269550	42°43'12"	145°48'36"	130	
2L	1600	402530	5269530	42°43'13"	145°48'34"	120	
2L	1650	402490	5269530	42°43'13"	145°48'32"	100	
2L	1700	402450	5269510	42°43'14"	145°48'30"	100	
2L	1750	402390	5269510	42°43'14"	145°48'28"	120	
2L	1800	402350	5269510	42°43'14"	145°48'26"	140	
2L	1850	402310	5269510	42°43'13"	145°48'24"	150	
2L	1900	402250	5269490	42°43'14"	145°48'22"	170	
2L	1930	402210	5269490	42°43'14"	145°48'20"		helipad
2L	2150	402010	5269610	42°43'10"	145°48'11"		estimated
2L	2200	401990	5269610	42°43'10"	145°48'10"		estimated
2L	2250	401930	5269630	42°43'09"	145°48'08"		estimated
2L	2300	401890	5269650	42°43'09"	145°48'06"		estimated
2L	2350	401830	5269630	42°43'09"	145°48'03"	170	estimated
2L	2400	401790	5269630	42°43'09"	145°48'01"	160	estimated
2L	2450	401750	5269630	42°43'09"	145°48'00"		estimated
2L	2500	401710	5269650	42°43'09"	145°47'58"	170	estimated
2L	2550	401670	5269650	42°43'09"	145°47'56"	200	estimated
2L	2600	401630	5269630	42°43'09"	145°47'54"	200	estimated
2L	2650	401590	5269630	42°43'09"	145°47'53"	210	estimated
2L	2700	401550	5269670	42°43'08"	145°47'51"	220	estimated
2L	2750	401530	5269670	42°43'08"	145°47'50"	210	estimated
2L	2800	401490	5269690	42°43'07"	145°47'48"	210	estimated
2L	2850	401450	5269710	42°43'07"	145°47'47"	190	estimated
2L	2900	401410	5269710	42°43'07"	145°47'45"	190	estimated
2L	2950	401370	5269730	42°43'06"	145°47'43"	170	estimated
2L	3000	401310	5269730	42°43'06"	145°47'40"	160	estimated
2L	3050	401290	5269730	42°43'06"	145°47'40"		estimated
2L	3100	401250	5269770	42°43'05"	145°47'38"		estimated
2L	3150	401230	5269790	42°43'04"	145°47'37"		estimated
2L	3200	401190	5269790	42°43'04"	145°47'35"		estimated
2L	3250	401150	5269790	42°43'04"	145°47'33"		estimated
2L	3300	401110	5269790	42°43'04"	145°47'32"		estimated
2L	3350	401070	5269770	42°43'04"	145°47'30"		estimated
2L	3400	401030	5269790	42°43'04"	145°47'28"		estimated
2L	3450	400490	5269790	42°43'04"	145°47'04"		estimated
2L	3500	400430	5269770	42°43'04"	145°47'02"		estimated
2L	3550	400390	5269770	42°43'04"	145°47'00"		estimated
2L	3600	400830	5269790	42°43'04"	145°47'19"		estimated
2L	3650	400810	5269770	42°43'04"	145°47'18"		estimated
2L	3700	400750	5269770	42°43'04"	145°47'16"		estimated
2L	3750	400710	5269790	42°43'04"	145°47'14"		estimated
2L	3800	400670	5269810	42°43'03"	145°47'12"	70	estimated
2L	3850	400630	5269830	42°43'02"	145°47'11"		estimated
2L	3900	400590	5269830	42°43'02"	145°47'09"		estimated
2L	3950	400550	5269830	42°43'02"	145°47'07"		estimated
2L	4000	400490	5269810	42°43'03"	145°47'04"	40	estimated
2L	4050	400450	5269810	42°43'03"	145°47'03"		estimated
2L	4100	400390	5269810	42°43'03"	145°47'00"		estimated
2L	4150	400350	5269810	42°43'03"	145°46'58"	30	estimated
2L	4200	400310	5269790	42°43'03"	145°46'57"		estimated
2L	4250	400250	5269790	42°43'03"	145°46'54"		estimated
2L	4300	400210	5269790	42°43'03"	145°46'52"		estimated
2L	4350	400170	5269790	42°43'03"	145°46'50"		estimated
2L	4400	400110	5269790	42°43'03"	145°46'48"		estimated
2L	4450	400070	5269790	42°43'03"	145°46'46"	30	
2L	4500	400030	5269790	42°43'03"	145°46'44"	30	
2L	4550	399970	5269790	42°43'03"	145°46'42"	20	E bank of Olga River
2L	4580	399950	5269790	42°43'03"	145°46'41"	20	W bank of Olga River
2L	4600	399930	5269790	42°43'03"	145°46'40"	30	
2L	4650	399890	5269770	42°43'04"	145°46'38"	20	
2L	4700	399830	5269790	42°43'03"	145°46'35"	30	
2L	4750	399790	5269770	42°43'04"	145°46'34"	30	
2L	4800	399730	5269770	42°43'04"	145°46'31"	30	
2L	4850	399690	5269770	42°43'04"	145°46'29"	30	
2L	4900	399630	5269770	42°43'04"	145°46'27"	30	
2L	4950	399590	5269770	42°43'04"	145°46'25"	40	
2L	5000	399550	5269770	42°43'04"	145°46'23"	40	

Line	Position	E	N	Lat S	Long E	Elev	Notes
2L	5050	399510	5269770	42°43'04"	145°46'21"	40	
2L	5100	399450	5269770	42°43'04"	145°46'19"	30	
2L	5150	399390	5269770	42°43'04"	145°46'16"	30	
2L	5200	399350	5269750	42°43'04"	145°46'14"	30	
2L	5250	399290	5269730	42°43'05"	145°46'12"	30	
2L	5300	399250	5269730	42°43'05"	145°46'10"	30	
2L	5350	399190	5269730	42°43'05"	145°46'07"	30	
2L	5400	399150	5269730	42°43'05"	145°46'05"	40	
2L	5450	399090	5269710	42°43'06"	145°46'03"	40	
2L	5500	399050	5269710	42°43'05"	145°46'01"	40	
2L	5550	398990	5269710	42°43'05"	145°45'58"	40	helipad
2L	5600	398950	5269710	42°43'05"	145°45'57"	40	
2L	5650	398890	5269690	42°43'06"	145°45'54"	40	
2L	5700	398850	5269690	42°43'06"	145°45'52"	50	
2L	5750	398790	5269690	42°43'06"	145°45'50"	60	
2L	5800	398750	5269690	42°43'06"	145°45'48"	70	
2L	5850	398710	5269670	42°43'07"	145°45'46"	90	
2L	5900	398630	5269670	42°43'07"	145°45'43"	90	
2L	5950	398610	5269670	42°43'07"	145°45'42"	80	
2L	6000	398570	5269670	42°43'07"	145°45'40"	70	
2L	6050	398510	5269670	42°43'07"	145°45'37"	70	
2L	6100	398470	5269650	42°43'07"	145°45'36"	70	
2L	6150	398410	5269650	42°43'07"	145°45'33"	90	
2L	6200	398370	5269650	42°43'07"	145°45'31"	120	
2L	6250	398330	5269650	42°43'07"	145°45'29"	130	
2L	6300	398290	5269650	42°43'07"	145°45'28"	170	
2L	6350	398250	5269650	42°43'07"	145°45'26"	190	
2L	6400	398210	5269650	42°43'07"	145°45'24"	220	
2L	6450	398170	5269630	42°43'08"	145°45'22"	220	
2L	6500	398110	5269610	42°43'08"	145°45'20"	220	
2L	6550	398070	5269590	42°43'09"	145°45'18"	220	
2L	6600	398030	5269570	42°43'10"	145°45'16"	220	
2L	6650	397990	5269550	42°43'10"	145°45'14"	240	
2L	6700	397950	5269550	42°43'10"	145°45'13"	230	
2L	6760	397890	5269530	42°43'11"	145°45'10"	230	
2R	0	403650	5269830	42°43'04"	145°49'23"	20	W end of line 2 E bank of Gordon River
2R	50	403690	5269870	42°43'02"	145°49'25"	30	
2R	100	403730	5269890	42°43'02"	145°49'27"	40	
2R	150	403770	5269910	42°43'01"	145°49'29"	40	
2R	200	403810	5269910	42°43'01"	145°49'30"	40	
2R	250	403850	5269950	42°43'00"	145°49'32"	40	
2R	300	403890	5269970	42°42'59"	145°49'34"	40	
2R	350	403930	5270010	42°42'58"	145°49'36"	40	
2R	400	403990	5270030	42°42'57"	145°49'38"	40	
2R	450	404010	5270030	42°42'57"	145°49'39"	50	
2R	500	404070	5270070	42°42'56"	145°49'42"	50	
2R	550	404110	5270090	42°42'56"	145°49'44"	50	
2R	600	404150	5270110	42°42'55"	145°49'46"	50	
2R	650	404210	5270130	42°42'54"	145°49'48"	50	
2R	700	404250	5270150	42°42'54"	145°49'50"	60	
2R	750	404290	5270170	42°42'53"	145°49'52"	60	
2R	800	404330	5270210	42°42'52"	145°49'53"	70	
2R	850	404390	5270210	42°42'52"	145°49'56"	80	
2R	900	404430	5270210	42°42'52"	145°49'58"	80	
2R	950	404470	5270170	42°42'53"	145°50'00"	90	
2R	1000	404490	5270130	42°42'54"	145°50'00"	110	
2R	1050	404550	5270150	42°42'54"	145°50'03"	120	
2R	1100	404570	5270150	42°42'54"	145°50'04"	140	
2R	1150	404610	5270170	42°42'53"	145°50'06"	170	
2R	1200	404650	5270190	42°42'53"	145°50'08"	150	
2R	1250	404690	5270210	42°42'52"	145°50'09"	130	
2R	1300	404750	5270210	42°42'52"	145°50'12"	130	
2R	1350	404790	5270230	42°42'51"	145°50'14"	140	
2R	1400	404830	5270250	42°42'51"	145°50'15"	150	
2R	1450	404890	5270270	42°42'50"	145°50'18"	170	
2R	1500	404930	5270270	42°42'50"	145°50'20"	200	
2R	1550	404970	5270290	42°42'49"	145°50'22"	220	
2R	1600	405010	5270310	42°42'49"	145°50'23"	240	E end of line 2 E bank of Franklin River
3L	0	399250	5291410	42°31'22"	145°46'24"	10	
3L	50	399290	5291390	42°31'23"	145°46'25"	20	
3L	100	399330	5291370	42°31'24"	145°46'27"	30	
3L	150	399370	5291350	42°31'24"	145°46'29"	60	
3L	200	399410	5291330	42°31'25"	145°46'31"	90	
3L	250	399450	5291310	42°31'26"	145°46'32"	110	

Line	Position	E	N	Lat S	Long E	Elev	Notes
3L	300	399490	5291290	42°31'26"	145°46'34"	120	
3L	338	399530	5291270	42°31'27"	145°46'36"	130	E end of line 3
3R	0	399190	5291450	42°31'21"	145°46'21"	10	W bank of Franklin River
3R	50	399150	5291470	42°31'20"	145°46'19"	20	
3R	100	399110	5291490	42°31'20"	145°46'18"	30	
3R	150	399070	5291510	42°31'19"	145°46'16"	30	
3R	200	399030	5291530	42°31'18"	145°46'14"	30	
3R	250	398970	5291550	42°31'18"	145°46'12"	30	
3R	300	398930	5291570	42°31'17"	145°46'10"	40	
3R	350	398910	5291610	42°31'16"	145°46'09"	40	
3R	400	398850	5291630	42°31'15"	145°46'06"	30	
3R	450	398810	5291650	42°31'14"	145°46'05"	30	
3R	500	398770	5291690	42°31'13"	145°46'03"	20	
3R	550	398730	5291710	42°31'12"	145°46'01"	20	
3R	600	398690	5291730	42°31'12"	145°45'59"	20	
3R	650	398630	5291770	42°31'10"	145°45'57"	20	
3R	700	398590	5291790	42°31'10"	145°45'55"	30	
3R	750	398550	5291810	42°31'09"	145°45'53"	30	
3R	800	398510	5291830	42°31'08"	145°45'52"	30	
3R	850	398470	5291850	42°31'08"	145°45'50"	30	
3R	900	398430	5291870	42°31'07"	145°45'48"	30	
3R	950	398370	5291890	42°31'06"	145°45'45"	30	
3R	1000	398330	5291910	42°31'06"	145°45'44"	30	
3R	1050	398290	5291930	42°31'05"	145°45'42"	40	
3R	1100	398250	5291950	42°31'04"	145°45'40"	30	
3R	1150	398190	5291970	42°31'04"	145°45'38"	30	
3R	1200	398130	5291990	42°31'03"	145°45'35"	20	
3R	1240	398130	5291990	42°31'03"	145°45'35"	20	
3R	1280	398090	5292010	42°31'02"	145°45'33"	20	
3R	1300	398070	5292030	42°31'02"	145°45'32"	30	
3R	1335	398050	5292030	42°31'02"	145°45'32"	40	W end of line 3
4	0	407310	5272770	42°41'30"	145°52'06"	60	E bank of Maxwell River
4	50	407370	5272770	42°41'30"	145°52'09"	60	
4	100	407410	5272790	42°41'29"	145°52'10"	60	
4	150	407470	5272770	42°41'30"	145°52'13"	60	
4	200	407510	5272770	42°41'30"	145°52'15"	60	
4	250	407550	5272750	42°41'31"	145°52'17"	60	
4	300	407610	5272750	42°41'31"	145°52'19"	60	
4	350	407650	5272750	42°41'31"	145°52'21"	60	
4	400	407690	5272790	42°41'30"	145°52'23"	60	
4	450	407730	5272810	42°41'29"	145°52'24"	60	
4	500	407770	5272830	42°41'28"	145°52'26"	60	helipad
4	550	407830	5272850	42°41'28"	145°52'29"	60	
4	600	407850	5272870	42°41'27"	145°52'30"	70	
4	650	407870	5272930	42°41'25"	145°52'31"	70	
4	700	407910	5272950	42°41'24"	145°52'32"	70	
4	750	407950	5272930	42°41'25"	145°52'34"	80	
4	800	408010	5272910	42°41'26"	145°52'37"	100	
4	850	408050	5272890	42°41'26"	145°52'39"	110	
4	900	408090	5272910	42°41'26"	145°52'40"	130	
4	950	408130	5272910	42°41'26"	145°52'42"	140	
4	1000	408190	5272930	42°41'25"	145°52'45"	130	
4	1050	408230	5272930	42°41'25"	145°52'46"	130	
4	1100	408270	5272910	42°41'26"	145°52'48"	130	
4	1150	408330	5272910	42°41'26"	145°52'51"	120	
4	1200	408370	5272910	42°41'26"	145°52'53"	110	
4	1250	408410	5272890	42°41'27"	145°52'54"	110	
4	1300	408470	5272890	42°41'27"	145°52'57"	110	
4	1350	408510	5272910	42°41'26"	145°52'59"	110	
4	1400	408550	5272910	42°41'26"	145°53'01"	80	
4	1450	408610	5272930	42°41'25"	145°53'03"	90	
4	1500	408650	5272930	42°41'25"	145°53'05"	90	
4	1550	408690	5272930	42°41'25"	145°53'07"	80	
4	1600	408750	5272930	42°41'25"	145°53'09"	70	
4	1650	408790	5272930	42°41'26"	145°53'11"	70	
4	1700	408850	5272930	42°41'26"	145°53'14"	70	
4	1750	408890	5272930	42°41'26"	145°53'15"	70	
4	1800	408950	5272930	42°41'26"	145°53'18"	80	
4	1850	408990	5272930	42°41'26"	145°53'20"	80	
4	1900	409030	5272930	42°41'26"	145°53'22"	80	
4	1950	409090	5272910	42°41'26"	145°53'24"	80	
4	2000	409110	5272870	42°41'28"	145°53'25"	80	
4	2050	409150	5272830	42°41'29"	145°53'27"	80	
4	2100	409190	5272810	42°41'30"	145°53'29"	80	

Line	Position	E	N	Lat S	Long E	Elev	Notes
4	2150	409230	5272790	42°41'30"	145°53'30"	90	
4	2185	409270	5272750	42°41'32"	145°53'32"	90	E end of line 4
4-578R	0	407850	5272850	42°41'28"	145°52'30"	60	N end of line 4-578R
4-578R	50	407890	5272830	42°41'28"	145°52'31"	60	
4-578R	100	407910	5272790	42°41'30"	145°52'32"	50	
4-578R	150	407910	5272730	42°41'32"	145°52'32"	60	
4-578R	200	407910	5272670	42°41'34"	145°52'32"	60	
4-578R	250	407930	5272630	42°41'35"	145°52'33"	60	
4-578R	300	407930	5272590	42°41'36"	145°52'33"	60	
4-578R	350	407930	5272530	42°41'38"	145°52'33"	60	
4-578R	400	407950	5272490	42°41'39"	145°52'34"	60	
4-578R	450	407950	5272430	42°41'41"	145°52'34"	60	
4-578R	500	407950	5272370	42°41'43"	145°52'34"	60	
4-578R	550	407970	5272330	42°41'45"	145°52'35"	60	
4-578R	600	407970	5272290	42°41'46"	145°52'35"	60	
4-578R	650	407970	5272230	42°41'48"	145°52'35"	60	
4-578R	700	407990	5272190	42°41'49"	145°52'36"	60	S end of line 4-578R
4-578R630L	0	407970	5272250	42°41'47"	145°52'35"	60	W end of line 4-578R630L
4-578R630L	50	408030	5272250	42°41'47"	145°52'37"	60	
4-578R630L	100	408090	5272250	42°41'47"	145°52'40"	60	
4-578R630L	150	408130	5272250	42°41'47"	145°52'42"	60	
4-578R630L	200	408170	5272250	42°41'47"	145°52'43"	80	
4-578R630L	250	408230	5272250	42°41'47"	145°52'46"	90	
4-578R630L	300	408270	5272250	42°41'47"	145°52'48"	70	
4-578R630L	350	408310	5272230	42°41'48"	145°52'50"	60	E end of line 4-578R630L
5L	0	406810	5260150	42°48'19"	145°51'37"	70	W bank of Orange River
5L	70	406770	5260130	42°48'20"	145°51'35"	70	
5L	100	406750	5260130	42°48'20"	145°51'34"	70	
5L	150	406710	5260130	42°48'19"	145°51'32"	70	
5L	200	406650	5260110	42°48'20"	145°51'29"	70	
5L	250	406590	5260110	42°48'20"	145°51'27"	70	
5L	300	406550	5260090	42°48'21"	145°51'25"	70	
5L	350	406530	5260070	42°48'21"	145°51'24"	80	
5L	400	406450	5260070	42°48'21"	145°51'21"	80	
5L	450	406430	5260050	42°48'22"	145°51'20"	80	
5L	500	406370	5260030	42°48'23"	145°51'17"	80	
5L	550	406310	5260030	42°48'23"	145°51'14"	80	
5L	600	406270	5260010	42°48'23"	145°51'13"	80	
5L	650	406230	5260010	42°48'23"	145°51'11"	90	
5L	690	406170	5260010	42°48'23"	145°51'08"	130	W end of line 5
5R	0	406850	5260150	42°48'19"	145°51'38"	70	E bank of Orange River
5R	50	406870	5260150	42°48'19"	145°51'39"	70	
5R	100	406930	5260170	42°48'18"	145°51'42"	70	
5R	150	406990	5260190	42°48'18"	145°51'44"	70	
5R	200	407050	5260190	42°48'18"	145°51'47"	80	
5R	250	407090	5260210	42°48'17"	145°51'49"	70	
5R	300	407130	5260210	42°48'17"	145°51'51"	70	
5R	350	407190	5260210	42°48'17"	145°51'53"	70	
5R	400	407230	5260230	42°48'16"	145°51'55"	70	
5R	450	407270	5260230	42°48'16"	145°51'57"	70	
5R	500	407330	5260250	42°48'16"	145°51'59"	70	
5R	550	407390	5260250	42°48'16"	145°52'02"	70	
5R	600	407430	5260270	42°48'15"	145°52'04"	70	
5R	650	407470	5260270	42°48'15"	145°52'06"	70	
5R	700	407530	5260290	42°48'15"	145°52'08"	80	
5R	750	407570	5260290	42°48'15"	145°52'10"	90	
5R	800	407630	5260290	42°48'15"	145°52'13"	80	
5R	850	407670	5260290	42°48'15"	145°52'14"	80	
5R	900	407710	5260310	42°48'14"	145°52'16"	80	
5R	950	407770	5260310	42°48'14"	145°52'19"	80	
5R	1000	407810	5260310	42°48'14"	145°52'21"	80	
5R	1050	407870	5260310	42°48'14"	145°52'23"	80	
5R	1100	407910	5260330	42°48'14"	145°52'25"	80	
5R	1150	407970	5260330	42°48'14"	145°52'28"	80	
5R	1200	408010	5260330	42°48'14"	145°52'29"	80	
5R	1250	408070	5260350	42°48'13"	145°52'32"	80	
5R	1300	408110	5260350	42°48'13"	145°52'34"	80	
5R	1350	408170	5260350	42°48'13"	145°52'36"	80	
5R	1400	408210	5260350	42°48'13"	145°52'38"	100	
5R	1450	408250	5260350	42°48'13"	145°52'40"	120	
5R	1500	408310	5260370	42°48'12"	145°52'43"	120	
5R	1550	408350	5260370	42°48'12"	145°52'44"	110	
5R	1600	408410	5260370	42°48'12"	145°52'47"	90	
5R	1650	408450	5260370	42°48'12"	145°52'49"	90	

Line	Position	E	N	Lat S	Long E	Elev	Notes
5R	1700	408510	5260390	42°48'12"	145°52'51"	90	
5R	1750	408550	5260390	42°48'12"	145°52'53"	100	
5R	1800	408590	5260390	42°48'12"	145°52'55"	120	
5R	1850	408630	5260390	42°48'12"	145°52'57"	140	
5R	1900	408670	5260390	42°48'12"	145°52'59"	150	
5R	1950	408730	5260390	42°48'12"	145°53'01"	140	
5R	2000	408770	5260410	42°48'11"	145°53'03"	150	
5R	2050	408810	5260410	42°48'11"	145°53'05"	180	
5R	2100	408850	5260410	42°48'11"	145°53'06"	210	20m N of helipad
5R	2150	408890	5260410	42°48'11"	145°53'08"	190	
5R	2200	408930	5260410	42°48'11"	145°53'10"	160	
5R	2250	408990	5260410	42°48'11"	145°53'13"	140	
5R	2300	409030	5260410	42°48'11"	145°53'14"	130	
5R	2350	409070	5260410	42°48'11"	145°53'16"	140	
5R	2400	409130	5260410	42°48'11"	145°53'19"	140	
5R	2450	409170	5260410	42°48'11"	145°53'21"	160	
5R	2500	409210	5260410	42°48'12"	145°53'22"	190	
5R	2550	409250	5260410	42°48'12"	145°53'24"	210	
5R	2600	409290	5260410	42°48'12"	145°53'26"	230	
5R	2650	409330	5260430	42°48'11"	145°53'28"	260	
5R	2700	409370	5260430	42°48'11"	145°53'29"	290	
5R	2720	409390	5260430	42°48'11"	145°53'30"	310	
5R	2800	409430	5260410	42°48'12"	145°53'32"	340	
5R	2850	409470	5260410	42°48'12"	145°53'34"	360	
5R	2900	409530	5260410	42°48'12"	145°53'36"	380	
5R	2950	409570	5260410	42°48'12"	145°53'38"	400	
5R	3000	409630	5260410	42°48'12"	145°53'41"	390	
5R	3050	409670	5260410	42°48'12"	145°53'43"	370	
5R	3100	409710	5260410	42°48'12"	145°53'44"	360	E end of line 5
7L	0	404090	5255090	42°51'02"	145°49'34"	50	W bank of Olga River
7L	50	404050	5255070	42°51'02"	145°49'32"	50	
7L	100	404010	5255030	42°51'04"	145°49'30"	60	
7L	150	403950	5255030	42°51'04"	145°49'27"	50	
7L	200	403910	5255010	42°51'04"	145°49'26"	60	
7L	250	403850	5255010	42°51'04"	145°49'23"	60	
7L	300	403810	5254990	42°51'05"	145°49'21"	60	
7L	350	403770	5254970	42°51'05"	145°49'20"	60	
7L	400	403710	5254950	42°51'06"	145°49'17"	60	
7L	450	403670	5254930	42°51'07"	145°49'15"	60	
7L	500	403630	5254910	42°51'07"	145°49'13"	60	
7L	550	403570	5254890	42°51'08"	145°49'11"	60	
7L	600	403530	5254870	42°51'09"	145°49'09"	60	
7L	650	403490	5254850	42°51'09"	145°49'07"	60	
7L	700	403450	5254830	42°51'10"	145°49'05"	70	
7L	750	403390	5254810	42°51'10"	145°49'03"	70	
7L	800	403350	5254790	42°51'11"	145°49'01"	70	
7L	850	403310	5254770	42°51'12"	145°48'59"	70	
7L	900	403250	5254750	42°51'12"	145°48'56"	80	
7L	950	403210	5254730	42°51'13"	145°48'55"	70	
7L	1000	403150	5254730	42°51'13"	145°48'52"	70	
7L	1050	403110	5254710	42°51'14"	145°48'50"	70	
7L	1100	403070	5254690	42°51'14"	145°48'49"	70	
7L	1150	403010	5254670	42°51'15"	145°48'46"	70	
7L	1200	402970	5254650	42°51'15"	145°48'44"	70	
7L	1250	402930	5254630	42°51'16"	145°48'42"	70	
7L	1300	402890	5254610	42°51'17"	145°48'41"	70	
7L	1350	402830	5254590	42°51'17"	145°48'38"	70	
7L	1400	402790	5254570	42°51'18"	145°48'36"	70	
7L	1450	402750	5254550	42°51'19"	145°48'34"	70	
7L	1500	402690	5254530	42°51'19"	145°48'32"	70	
7L	1550	402650	5254510	42°51'20"	145°48'30"	70	
7L	1600	402610	5254490	42°51'20"	145°48'28"	70	
7L	1650	402570	5254470	42°51'21"	145°48'26"	70	
7L	1700	402510	5254450	42°51'22"	145°48'24"	70	
7L	1750	402470	5254430	42°51'22"	145°48'22"	80	
7L	1800	402430	5254410	42°51'23"	145°48'20"	90	
7L	1850	402370	5254410	42°51'23"	145°48'17"	110	
7L	1900	402330	5254410	42°51'23"	145°48'16"	130	
7L	1950	402310	5254370	42°51'24"	145°48'15"	130	
7L	2000	402330	5254310	42°51'26"	145°48'16"	130	
7L	2050	402330	5254270	42°51'27"	145°48'16"	130	
7L	2100	402330	5254210	42°51'29"	145°48'16"	140	
7L	2150	402310	5254170	42°51'31"	145°48'15"	150	
7L	2200	402270	5254170	42°51'31"	145°48'13"	140	

Line	Position	E	N	Lat S	Long E	Elev	Notes
7L	2250	402230	5254150	42°51'31"	145°48'11"	140	W end of line 7
7L1766-R	0	402450	5254930	42°51'06"	145°48'21"	90	
7L1766-R	50	402410	5254970	42°51'05"	145°48'20"	90	
7L1766-R	100	402390	5254990	42°51'04"	145°48'19"	90	
7L1766-R	150	402350	5255010	42°51'03"	145°48'17"	80	
7L1766-R	200	402310	5255030	42°51'03"	145°48'15"	80	
7L1766-R	250	402290	5255050	42°51'02"	145°48'14"	110	W (N) end of track 7L1766
7R	50	404150	5255110	42°51'01"	145°49'36"	60	
7R	100	404190	5255130	42°51'00"	145°49'38"	60	
7R	150	404230	5255130	42°51'00"	145°49'40"	60	
7R	200	404290	5255150	42°51'00"	145°49'43"	60	
7R	250	404330	5255170	42°50'59"	145°49'44"	60	
7R	300	404370	5255190	42°50'59"	145°49'46"	60	
7R	350	404430	5255210	42°50'58"	145°49'49"	60	
7R	400	404470	5255230	42°50'57"	145°49'51"	60	
7R	450	404510	5255250	42°50'57"	145°49'52"	60	
7R	500	404550	5255270	42°50'56"	145°49'54"	60	
7R	550	404590	5255290	42°50'55"	145°49'56"	60	
7R	600	404630	5255310	42°50'55"	145°49'58"	60	
7R	650	404690	5255330	42°50'54"	145°50'00"	60	
7R	700	404730	5255370	42°50'53"	145°50'02"	60	
7R	750	404770	5255390	42°50'52"	145°50'04"	60	
7R	800	404810	5255390	42°50'52"	145°50'06"	60	
7R	850	404870	5255410	42°50'52"	145°50'08"	60	
7R	900	404910	5255430	42°50'51"	145°50'10"	60	
7R	950	404950	5255450	42°50'50"	145°50'12"	60	
7R	1000	405010	5255470	42°50'50"	145°50'14"	60	
7R	1050	405050	5255490	42°50'49"	145°50'16"	60	
7R	1100	405090	5255510	42°50'49"	145°50'18"	60	
7R	1150	405150	5255530	42°50'48"	145°50'21"	60	
7R	1200	405190	5255530	42°50'48"	145°50'22"	60	
7R	1250	405230	5255550	42°50'47"	145°50'24"	60	
7R	1300	405290	5255570	42°50'47"	145°50'27"	60	
7R	1350	405330	5255590	42°50'46"	145°50'29"	60	
7R	1400	405370	5255610	42°50'45"	145°50'30"	60	
7R	1450	405430	5255650	42°50'44"	145°50'33"	60	
7R	1500	405470	5255650	42°50'44"	145°50'35"	60	
7R	1550	405510	5255670	42°50'44"	145°50'37"	60	
7R	1600	405550	5255690	42°50'43"	145°50'38"	60	
7R	1650	405590	5255710	42°50'42"	145°50'40"	60	
7R	1700	405650	5255730	42°50'42"	145°50'43"	60	
7R	1750	405690	5255750	42°50'41"	145°50'45"	70	
7R	1800	405730	5255790	42°50'40"	145°50'46"	70	
7R	1850	405770	5255810	42°50'39"	145°50'48"	80	
7R	1900	405830	5255810	42°50'39"	145°50'51"	80	
7R	1950	405850	5255850	42°50'38"	145°50'52"	70	
7R	2000	405890	5255870	42°50'37"	145°50'53"	80	
7R	2050	405950	5255910	42°50'36"	145°50'56"	80	
7R	2100	405990	5255910	42°50'36"	145°50'58"	90	
7R	2150	406030	5255930	42°50'35"	145°51'00"	100	
7R	2200	406070	5255930	42°50'35"	145°51'01"	120	
7R	2250	406110	5255950	42°50'35"	145°51'03"	140	
7R	2300	406170	5255970	42°50'34"	145°51'06"	170	
7R	2350	406190	5255990	42°50'33"	145°51'07"	180	
7R	2400	406230	5256030	42°50'32"	145°51'09"	210	
7R	2450	406270	5256050	42°50'32"	145°51'10"	210	
7R	2500	406310	5256070	42°50'31"	145°51'12"	230	
7R	2550	406350	5256090	42°50'30"	145°51'14"	250	
7R	2600	406390	5256070	42°50'31"	145°51'16"	270	
7R	2650	406430	5256070	42°50'31"	145°51'17"	250	
7R	2680	406470	5256090	42°50'30"	145°51'19"	240	E end of line 7
8L	0	397390	5279490	42°37'48"	145°44'54"	10	W bank of Gordon River
8L	50	397350	5279490	42°37'48"	145°44'53"	10	
8L	100	397310	5279490	42°37'48"	145°44'51"	10	
8L	150	397270	5279470	42°37'48"	145°44'49"	20	
8L	200	397210	5279470	42°37'48"	145°44'47"	20	
8L	250	397170	5279490	42°37'48"	145°44'45"	20	
8L	300	397130	5279510	42°37'47"	145°44'43"	20	
8L	350	397090	5279470	42°37'48"	145°44'41"	30	
8L	400	397050	5279450	42°37'49"	145°44'40"	50	
8L	450	397010	5279430	42°37'49"	145°44'38"	50	
8L	500	396970	5279430	42°37'49"	145°44'36"	70	
8L	550	396930	5279430	42°37'49"	145°44'34"	80	
8L	600	396890	5279450	42°37'49"	145°44'33"	90	

Line	Position	E	N	Lat S	Long E	Elev	Notes
8L	650	396850	5279470	42°37'48"	145°44'31"	100	
8L	700	396810	5279490	42°37'47"	145°44'29"	120	
8L	750	396750	5279490	42°37'47"	145°44'26"	120	
8L	800	396710	5279470	42°37'48"	145°44'25"	130	
8L	850	396670	5279470	42°37'48"	145°44'23"	130	
8L	900	396610	5279450	42°37'49"	145°44'20"	130	
8L	950	396570	5279450	42°37'49"	145°44'18"	110	
8L	1000	396530	5279470	42°37'48"	145°44'17"	80	
8L	1050	396530	5279510	42°37'47"	145°44'17"	50	
8L	1100	396490	5279530	42°37'46"	145°44'15"	30	
8L	1150	396490	5279570	42°37'45"	145°44'15"	30	
8L	1170	396470	5279590	42°37'44"	145°44'14"	30	E bank of Sprent River
8R	0	397490	5279530	42°37'46"	145°44'59"	20	E bank of Gordon River
8R	50	397550	5279550	42°37'46"	145°45'02"	20	
8R	100	397590	5279550	42°37'46"	145°45'03"	20	
8R	150	397650	5279550	42°37'46"	145°45'06"	20	
8R	200	397690	5279570	42°37'45"	145°45'08"	20	
8R	250	397750	5279570	42°37'45"	145°45'10"	20	
8R	300	397790	5279570	42°37'45"	145°45'12"	30	
8R	350	397850	5279570	42°37'45"	145°45'15"	30	
8R	400	397890	5279590	42°37'45"	145°45'16"	40	
8R	450	397930	5279590	42°37'45"	145°45'18"	40	
8R	500	397990	5279590	42°37'45"	145°45'21"	50	
8R	550	398030	5279590	42°37'45"	145°45'23"	40	
8R	600	398090	5279590	42°37'45"	145°45'25"	30	
8R	650	398130	5279590	42°37'45"	145°45'27"	30	
8R	700	398170	5279610	42°37'44"	145°45'29"	30	
8R	750	398230	5279610	42°37'44"	145°45'31"	30	
8R	800	398270	5279610	42°37'44"	145°45'33"	40	
8R	850	398330	5279630	42°37'44"	145°45'36"	40	
8R	900	398370	5279630	42°37'44"	145°45'38"	60	
8R	950	398430	5279630	42°37'44"	145°45'40"	70	
8R	1000	398470	5279630	42°37'44"	145°45'42"	70	
8R	1050	398510	5279630	42°37'44"	145°45'44"	80	
8R	1100	398570	5279650	42°37'43"	145°45'46"	70	
8R	1150	398610	5279650	42°37'43"	145°45'48"	90	
8R	1200	398650	5279670	42°37'42"	145°45'50"	100	
8R	1250	398690	5279710	42°37'41"	145°45'52"	100	
8R	1300	398730	5279730	42°37'41"	145°45'53"	120	
8R	1350	398770	5279750	42°37'40"	145°45'55"	140	
8R	1400	398810	5279770	42°37'39"	145°45'57"	160	
8R	1450	398830	5279810	42°37'38"	145°45'58"	190	
8R	1500	398870	5279830	42°37'37"	145°46'00"	210	
8R	1550	398910	5279830	42°37'37"	145°46'01"	240	E end of line 8
9L	0	406870	5267010	42°44'37"	145°51'43"	70	
9L	50	406910	5266990	42°44'37"	145°51'45"	70	
9L	100	406950	5266970	42°44'38"	145°51'47"	60	
9L	150	406970	5266930	42°44'39"	145°51'48"	50	
9L	200	407030	5266910	42°44'40"	145°51'50"	40	
9L	250	407050	5266870	42°44'41"	145°51'51"	40	
9L	300	407070	5266850	42°44'42"	145°51'52"	40	
9L	350	407110	5266810	42°44'43"	145°51'54"	50	
9L	400	407150	5266770	42°44'44"	145°51'55"	50	
9L	450	407190	5266770	42°44'44"	145°51'57"	40	
9L	500	407230	5266750	42°44'45"	145°51'59"	30	
9L	550	407270	5266730	42°44'46"	145°52'01"	30	
9L	600	407310	5266730	42°44'46"	145°52'02"	30	
9L	650	407330	5266690	42°44'47"	145°52'03"	30	estimated
9L	1000	407630	5266690	42°44'47"	145°52'16"		estimated
9R	0	406910	5267110	42°44'33"	145°51'45"	40	N bank of Gordon River
9R	50	406890	5267150	42°44'32"	145°51'44"	50	
9R	100	406830	5267150	42°44'32"	145°51'42"	50	
9R	150	406790	5267170	42°44'31"	145°51'40"	50	
9R	200	406750	5267190	42°44'31"	145°51'38"	70	
9R	250	406710	5267190	42°44'31"	145°51'36"	80	
9R	300	406670	5267190	42°44'31"	145°51'35"	90	
9R	350	406650	5267210	42°44'30"	145°51'34"	110	
9R	400	406610	5267190	42°44'31"	145°51'32"	140	
9R	450	406570	5267190	42°44'31"	145°51'30"	150	
9R	500	406530	5267190	42°44'31"	145°51'28"	180	
9R	550	406510	5267210	42°44'30"	145°51'28"	200	
9R	600	406470	5267230	42°44'29"	145°51'26"	220	
9R	650	406430	5267250	42°44'29"	145°51'24"	230	
9R	700	406390	5267250	42°44'29"	145°51'22"	220	

Line	Position	E	N	Lat S	Long E	Elev	Notes
9R	750	406350	5267230	42°44'29"	145°51'20"	210	
9R	800	406330	5267190	42°44'30"	145°51'20"	180	
9R	850	406310	5267170	42°44'31"	145°51'19"	150	
9R	900	406270	5267150	42°44'32"	145°51'17"	130	
9R	950	406250	5267110	42°44'33"	145°51'16"	100	
9R	1000	406230	5267090	42°44'34"	145°51'15"	80	
9R	1050	406230	5267030	42°44'36"	145°51'15"	50	
9R	1100	406210	5266990	42°44'37"	145°51'14"	30	
9R	1132	406190	5266970	42°44'38"	145°51'13"	20	N bank of Gordon River
10L	0	393750	5285130	42°34'43"	145°42'18"	<10	W bank of Gordon River
10L	50	393730	5285110	42°34'44"	145°42'18"	30	
10L	100	393710	5285090	42°34'44"	145°42'17"	60	
10L	150	393670	5285070	42°34'45"	145°42'15"	100	
10L	200	393630	5285070	42°34'45"	145°42'13"	130	
10L	250	393590	5285050	42°34'46"	145°42'11"	130	
10L	300	393550	5285010	42°34'47"	145°42'10"	130	
10L	350	393510	5284990	42°34'48"	145°42'08"	130	
10L	400	393470	5284970	42°34'48"	145°42'06"	130	
10L	450	393430	5284950	42°34'49"	145°42'04"	130	
10L	500	393390	5284930	42°34'49"	145°42'03"	140	
10L	550	393330	5284910	42°34'50"	145°42'00"	140	
10L	600	393290	5284890	42°34'51"	145°41'58"	140	
10L	675	393230	5284870	42°34'51"	145°41'56"	140	W (S) end of line 10
10R	0	393810	5285170	42°34'42"	145°42'21"	<10	E bank of Gordon River
10R	50	393830	5285210	42°34'41"	145°42'22"	30	
10R	100	393850	5285250	42°34'39"	145°42'23"	60	
10R	150	393870	5285270	42°34'39"	145°42'24"	90	
10R	200	393890	5285290	42°34'38"	145°42'25"	130	
10R	250	393910	5285330	42°34'37"	145°42'26"	140	
10R	300	393950	5285370	42°34'35"	145°42'27"	150	
10R	350	393990	5285410	42°34'34"	145°42'29"	150	
10R	400	394010	5285430	42°34'34"	145°42'30"	170	
10R	450	394050	5285450	42°34'33"	145°42'32"	180	
10R	500	394090	5285490	42°34'32"	145°42'34"	190	
10R	550	394130	5285510	42°34'31"	145°42'35"	190	
10R	600	394170	5285550	42°34'30"	145°42'37"	200	
10R	650	394190	5285570	42°34'29"	145°42'38"	210	
10R	700	394230	5285610	42°34'28"	145°42'40"	230	
10R	750	394250	5285650	42°34'27"	145°42'41"	250	
10R	800	394290	5285670	42°34'26"	145°42'43"	260	
10R	850	394330	5285710	42°34'25"	145°42'44"	260	
10R	900	394330	5285750	42°34'23"	145°42'44"	260	
10R	950	394350	5285810	42°34'21"	145°42'45"	240	
10R	1000	394350	5285850	42°34'20"	145°42'45"	230	
10R	1050	394370	5285890	42°34'19"	145°42'46"	230	
10R	1100	394370	5285930	42°34'18"	145°42'46"	240	
10R	1145	394370	5285990	42°34'16"	145°42'46"	240	E (N) end of line 10
10R-260L	0	393910	5285350	42°34'36"	145°42'26"	140	
10R-260L	50	393910	5285390	42°34'35"	145°42'26"	130	
10R-260L	100	393910	5285450	42°34'33"	145°42'26"	130	
11A	0	394270	5284070	42°35'18"	145°42'41"	<10	W (S) bank of Gordon River
11A	50	394230	5284030	42°35'19"	145°42'39"	20	
11A	100	394210	5283990	42°35'20"	145°42'38"	40	
11A	150	394190	5283970	42°35'21"	145°42'37"	50	
11A	200	394150	5283930	42°35'22"	145°42'35"	70	
11A	250	394130	5283890	42°35'24"	145°42'34"	90	
11A	300	394110	5283870	42°35'24"	145°42'33"	120	
11A	350	394070	5283830	42°35'25"	145°42'32"	140	
11A	400	394030	5283810	42°35'26"	145°42'30"	160	
11A	450	394010	5283770	42°35'27"	145°42'29"	180	
11A	500	393970	5283750	42°35'28"	145°42'27"	190	
11A	550	393930	5283730	42°35'29"	145°42'25"	200	
11A	600	393910	5283690	42°35'30"	145°42'25"	220	
11A	650	393890	5283650	42°35'31"	145°42'24"	230	
11A	700	393850	5283610	42°35'32"	145°42'22"	240	
11A	750	393830	5283550	42°35'34"	145°42'21"	250	
11A	800	393810	5283510	42°35'36"	145°42'20"	250	
11A	850	393790	5283470	42°35'37"	145°42'19"	250	
11A	900	393750	5283430	42°35'38"	145°42'17"	260	
11A	950	393730	5283390	42°35'40"	145°42'16"	260	
11A	1000	393710	5283370	42°35'40"	145°42'16"	280	
11A	1050	393670	5283330	42°35'41"	145°42'14"	270	
11A	1100	393630	5283290	42°35'43"	145°42'12"	250	
11A	1150	393590	5283270	42°35'43"	145°42'10"	250	

Line	Position	E	N	Lat S	Long E	Elev	Notes
11A	1200	393550	5283230	42°35'45"	145°42'08"	250	W (S) end of line 11
11B	0	396590	5283990	42°35'21"	145°44'22"	<10	E (N) bank of Gordon River
11B	50	396630	5284030	42°35'20"	145°44'24"	<10	estimated
11B	100	396670	5284050	42°35'20"	145°44'26"	10	estimated
11B	150	396710	5284070	42°35'19"	145°44'28"	<10	
11B	200	396750	5284090	42°35'18"	145°44'29"	10	
11B	250	396790	5284130	42°35'17"	145°44'31"	10	
11B	300	396830	5284130	42°35'17"	145°44'33"	10	
11B	350	396870	5284150	42°35'16"	145°44'35"	20	
12L	50	407830	5247750	42°55'01"	145°52'14"	60	
12L	100	407870	5247770	42°55'01"	145°52'16"	60	
12L	150	407930	5247770	42°55'01"	145°52'19"	60	
12L	200	407970	5247790	42°55'00"	145°52'20"	60	
12L	250	408030	5247810	42°54'59"	145°52'23"	60	
12L	300	408070	5247830	42°54'59"	145°52'25"	60	
12L	350	408130	5247830	42°54'59"	145°52'27"	60	
12L	400	408170	5247850	42°54'58"	145°52'29"	60	
12L	450	408210	5247870	42°54'58"	145°52'31"	60	
12L	500	408270	5247890	42°54'57"	145°52'34"	60	
12L	550	408310	5247890	42°54'57"	145°52'35"	60	
12L	600	408370	5247910	42°54'56"	145°52'38"	60	
12L	650	408410	5247930	42°54'56"	145°52'40"	60	
12L	700	408450	5247930	42°54'56"	145°52'42"	60	
12L	750	408510	5247950	42°54'55"	145°52'44"	60	
12L	800	408550	5247970	42°54'54"	145°52'46"	60	
12L	850	408590	5247990	42°54'54"	145°52'48"	50	
12L	900	408630	5247990	42°54'54"	145°52'50"	50	
12L	950	408690	5248010	42°54'53"	145°52'52"	50	
12L	1000	408730	5248030	42°54'53"	145°52'54"	50	
12L	1050	408790	5248030	42°54'53"	145°52'57"	60	
12L	1100	408830	5248050	42°54'52"	145°52'58"	50	
12L	1150	408870	5248070	42°54'51"	145°53'00"	50	
12L	1200	408930	5248070	42°54'51"	145°53'03"	50	
12L	1250	408970	5248090	42°54'51"	145°53'05"	50	
12L	1300	409030	5248110	42°54'50"	145°53'07"	50	W bank of Hardwood River
12L	1320	409050	5248110	42°54'50"	145°53'08"	50	E bank of Hardwood River
12L	1350	409070	5248130	42°54'49"	145°53'09"	50	
12L	1400	409130	5248130	42°54'49"	145°53'12"	50	
12L	1450	409170	5248150	42°54'49"	145°53'13"	50	
12L	1500	409210	5248170	42°54'48"	145°53'15"	50	
12L	1550	409270	5248190	42°54'48"	145°53'18"	50	
12L	1600	409310	5248190	42°54'48"	145°53'20"	50	
12L	1650	409370	5248210	42°54'47"	145°53'22"	50	
12L	1700	409410	5248230	42°54'46"	145°53'24"	60	
12L	1750	409450	5248250	42°54'46"	145°53'26"	60	
12L	1800	409510	5248270	42°54'45"	145°53'28"	60	
12L	1830	409530	5248270	42°54'45"	145°53'29"	60	helipad
12L	1850	409550	5248290	42°54'44"	145°53'30"	60	
12L	1900	409590	5248310	42°54'44"	145°53'32"	60	
12L	1950	409650	5248330	42°54'43"	145°53'35"	60	
12L	2000	409690	5248330	42°54'43"	145°53'36"	60	
12L	2050	409750	5248350	42°54'43"	145°53'39"	60	
12L	2100	409790	5248370	42°54'42"	145°53'41"	60	
12L	2150	409830	5248390	42°54'41"	145°53'43"	80	
12L	2200	409890	5248410	42°54'41"	145°53'45"	90	E end of line 12
12R	0	407790	5247730	42°55'02"	145°52'12"	60	junction with line 13
12R	50	407730	5247710	42°55'03"	145°52'10"	60	
12R	100	407690	5247690	42°55'03"	145°52'08"	60	
12R	150	407630	5247690	42°55'03"	145°52'05"	60	
12R	200	407590	5247670	42°55'04"	145°52'03"	60	
12R	250	407530	5247650	42°55'04"	145°52'01"	60	
12R	300	407490	5247650	42°55'04"	145°51'59"	60	
12R	350	407450	5247630	42°55'05"	145°51'57"	60	
12R	400	407390	5247610	42°55'06"	145°51'55"	60	
12R	450	407350	5247610	42°55'06"	145°51'53"	60	
12R	500	407290	5247590	42°55'06"	145°51'50"	60	
12R	550	407250	5247570	42°55'07"	145°51'48"	60	
12R	600	407210	5247550	42°55'07"	145°51'47"	60	
12R	650	407170	5247530	42°55'08"	145°51'45"	60	
12R	700	407110	5247530	42°55'08"	145°51'42"	60	
12R	750	407070	5247510	42°55'09"	145°51'40"	60	
12R	800	407030	5247470	42°55'10"	145°51'39"	60	
12R	850	407010	5247450	42°55'11"	145°51'38"	60	
12R	900	406950	5247410	42°55'12"	145°51'35"	60	

Line	Position	E	N	Lat S	Long E	Elev	Notes
12R	950	406910	5247370	42°55'13"	145°51'33"	60	
12R	1000	406870	5247350	42°55'14"	145°51'32"	60	
12R	1050	406830	5247330	42°55'14"	145°51'30"	70	
12R	1100	406790	5247330	42°55'14"	145°51'28"	70	
12R	1150	406730	5247310	42°55'15"	145°51'25"	70	
12R	1200	406690	5247290	42°55'16"	145°51'24"	70	
12R	1250	406630	5247270	42°55'16"	145°51'21"	80	
12R	1300	406590	5247230	42°55'18"	145°51'19"	110	
12R	1350	406530	5247230	42°55'18"	145°51'16"	130	
12R	1400	406510	5247230	42°55'18"	145°51'16"	150	
12R	1450	406470	5247210	42°55'18"	145°51'14"	140	
12R	1500	406430	5247190	42°55'19"	145°51'12"	110	
12R	1550	406370	5247190	42°55'19"	145°51'09"	110	
12R	1600	406350	5247170	42°55'19"	145°51'08"	140	
12R	1650	406310	5247150	42°55'20"	145°51'07"	140	
12R	1700	406250	5247130	42°55'21"	145°51'04"	150	
12R	1750	406210	5247070	42°55'23"	145°51'02"	150	
12R	1800	406190	5247030	42°55'24"	145°51'01"	150	
12R	1850	406170	5247010	42°55'25"	145°51'00"	160	
12R	1900	406130	5246990	42°55'25"	145°50'59"	150	
12R	1950	406070	5246970	42°55'26"	145°50'56"	160	
12R	2000	406030	5246970	42°55'26"	145°50'54"	160	
12R	2050	405990	5246930	42°55'27"	145°50'52"	160	
12R	2100	405930	5246930	42°55'27"	145°50'50"	150	
12R	2150	405890	5246910	42°55'28"	145°50'48"	150	
12R	2200	405830	5246910	42°55'28"	145°50'45"	150	
12R	2250	405790	5246890	42°55'28"	145°50'44"	150	
12R	2300	405750	5246870	42°55'29"	145°50'42"	160	
12R	2350	405690	5246870	42°55'29"	145°50'39"	160	
12R	2400	405650	5246830	42°55'30"	145°50'37"	170	
12R	2450	405610	5246830	42°55'30"	145°50'36"	170	
12R	2500	405550	5246810	42°55'31"	145°50'33"	170	
12R	2550	405510	5246790	42°55'31"	145°50'31"	170	
12R	2600	405470	5246770	42°55'32"	145°50'29"	170	
12R	2650	405430	5246750	42°55'33"	145°50'28"	180	
12R	2700	405370	5246730	42°55'33"	145°50'25"	180	
12R	2750	405310	5246730	42°55'33"	145°50'22"	180	
12R	2800	405270	5246710	42°55'34"	145°50'21"	180	
12R	2850	405230	5246710	42°55'34"	145°50'19"	190	
12R	2900	405190	5246710	42°55'34"	145°50'17"	210	
12R	2950	405150	5246690	42°55'34"	145°50'15"	220	W end of line 12
13N	50	406030	5250870	42°53'19"	145°50'57"	80	
13N	100	406010	5250910	42°53'18"	145°50'56"	80	
13N	150	405990	5250950	42°53'17"	145°50'55"	80	
13N	200	405950	5251010	42°53'15"	145°50'53"	70	
13N	250	405930	5251050	42°53'13"	145°50'52"	70	
13N	300	405910	5251090	42°53'12"	145°50'51"	70	
13N	350	405890	5251130	42°53'11"	145°50'51"	70	
13N	400	405850	5251170	42°53'10"	145°50'49"	70	
13N	450	405830	5251210	42°53'08"	145°50'48"	70	
13N	500	405810	5251270	42°53'06"	145°50'47"	70	
13N	550	405790	5251310	42°53'05"	145°50'46"	70	
13N	600	405770	5251350	42°53'04"	145°50'45"	70	
13N	650	405730	5251390	42°53'02"	145°50'44"	70	
13N	700	405710	5251450	42°53'00"	145°50'43"	70	
13N	750	405690	5251490	42°52'59"	145°50'42"	70	
13N	800	405650	5251530	42°52'58"	145°50'40"	70	
13N	850	405630	5251570	42°52'56"	145°50'39"	70	
13N	900	405610	5251610	42°52'55"	145°50'39"	70	
13N	950	405550	5251650	42°52'54"	145°50'36"	70	
13N	1000	405510	5251670	42°52'53"	145°50'34"	70	
13N	1050	405470	5251670	42°52'53"	145°50'32"	70	W (N) end of line 13
13S	0	406050	5250830	42°53'21"	145°50'57"	80	helipad
13S	50	406090	5250790	42°53'22"	145°50'59"	80	
13S	100	406110	5250750	42°53'23"	145°51'00"	70	
13S	150	406150	5250710	42°53'25"	145°51'02"	80	
13S	200	406170	5250670	42°53'26"	145°51'03"	80	
13S	250	406210	5250630	42°53'27"	145°51'04"	70	
13S	300	406190	5250570	42°53'29"	145°51'03"	70	
13S	350	406170	5250530	42°53'30"	145°51'03"	70	
13S	400	406150	5250510	42°53'31"	145°51'02"	70	
13S	450	406110	5250490	42°53'32"	145°51'00"	70	
13S	500	406150	5250450	42°53'33"	145°51'02"	70	
13S	550	406170	5250410	42°53'34"	145°51'02"	70	

Line	Position	E	N	Lat S	Long E	Elev	Notes
13S	600	406190	5250370	42°53'36"	145°51'03"	70	
13S	650	406230	5250330	42°53'37"	145°51'05"	70	
13S	700	406270	5250290	42°53'38"	145°51'07"	70	
13S	750	406290	5250250	42°53'40"	145°51'08"	70	
13S	800	406330	5250210	42°53'41"	145°51'09"	70	
13S	850	406350	5250170	42°53'42"	145°51'10"	70	
13S	900	406390	5250130	42°53'43"	145°51'12"	70	
13S	950	406410	5250110	42°53'44"	145°51'13"	70	
13S	1000	406430	5250050	42°53'46"	145°51'14"	70	
13S	1050	406450	5249990	42°53'48"	145°51'15"	70	
13S	1100	406470	5249970	42°53'49"	145°51'15"	60	
13S	1150	406510	5249930	42°53'50"	145°51'17"	70	
13S	1200	406530	5249870	42°53'52"	145°51'18"	70	
13S	1250	406570	5249830	42°53'53"	145°51'20"	70	
13S	1300	406590	5249790	42°53'55"	145°51'21"	70	
13S	1350	406610	5249750	42°53'56"	145°51'21"	70	
13S	1400	406630	5249710	42°53'57"	145°51'22"	70	
13S	1450	406670	5249650	42°53'59"	145°51'24"	70	
13S	1500	406690	5249610	42°54'00"	145°51'25"	70	
13S	1550	406710	5249570	42°54'02"	145°51'26"	70	
13S	1600	406730	5249510	42°54'04"	145°51'27"	70	
13S	1650	406770	5249470	42°54'05"	145°51'28"	70	
13S	1700	406790	5249430	42°54'06"	145°51'29"	70	
13S	1750	406810	5249390	42°54'08"	145°51'30"	70	
13S	1800	406830	5249350	42°54'09"	145°51'31"	70	
13S	1850	406870	5249290	42°54'11"	145°51'33"	70	
13S	1900	406890	5249250	42°54'12"	145°51'34"	70	
13S	1950	406910	5249210	42°54'14"	145°51'34"	70	
13S	2000	406950	5249170	42°54'15"	145°51'36"	70	
13S	2050	406970	5249130	42°54'16"	145°51'37"	70	
13S	2100	407010	5249090	42°54'17"	145°51'39"	70	
13S	2150	407030	5249050	42°54'19"	145°51'40"	70	
13S	2200	407070	5249010	42°54'20"	145°51'41"	70	
13S	2250	407090	5248970	42°54'21"	145°51'42"	70	
13S	2300	407130	5248930	42°54'23"	145°51'44"	70	
13S	2350	407170	5248890	42°54'24"	145°51'46"	70	
13S	2400	407210	5248870	42°54'25"	145°51'47"	70	
13S	2450	407230	5248830	42°54'26"	145°51'48"	60	
13S	2500	407250	5248770	42°54'28"	145°51'49"	60	
13S	2550	407270	5248730	42°54'29"	145°51'50"	60	
13S	2600	407290	5248690	42°54'31"	145°51'51"	60	
13S	2650	407310	5248630	42°54'33"	145°51'52"	60	
13S	2700	407330	5248590	42°54'34"	145°51'53"	60	
13S	2750	407370	5248550	42°54'35"	145°51'54"	60	
13S	2800	407390	5248510	42°54'36"	145°51'55"	60	
13S	2850	407410	5248450	42°54'38"	145°51'56"	60	
13S	2900	407430	5248410	42°54'40"	145°51'57"	60	
13S	2950	407450	5248370	42°54'41"	145°51'58"	60	
13S	3000	407470	5248330	42°54'42"	145°51'59"	60	
13S	3050	407510	5248290	42°54'44"	145°52'00"	60	
13S	3100	407530	5248230	42°54'46"	145°52'01"	60	
13S	3150	407550	5248190	42°54'47"	145°52'02"	60	
13S	3200	407570	5248150	42°54'48"	145°52'03"	60	
13S	3250	407610	5248110	42°54'49"	145°52'05"	60	
13S	3300	407630	5248050	42°54'51"	145°52'05"	60	
13S	3350	407630	5248010	42°54'53"	145°52'05"	60	
13S	3400	407650	5247950	42°54'55"	145°52'06"	60	
13S	3450	407670	5247910	42°54'56"	145°52'07"	60	
13S	3500	407690	5247870	42°54'57"	145°52'08"	60	
13S	3550	407710	5247830	42°54'59"	145°52'09"	60	
13S	3600	407730	5247790	42°55'00"	145°52'10"	60	
13S	3650	407770	5247730	42°55'02"	145°52'11"	60	
13S	3670	407790	5247730	42°55'02"	145°52'12"	60	S end of line 13, = 12R0
14L	0	409350	5278650	42°38'20"	145°53'39"	70	E bank of Maxwell River
14L	50	409410	5278670	42°38'20"	145°53'42"	70	
14L	100	409450	5278690	42°38'19"	145°53'43"	70	
14L	150	409490	5278690	42°38'19"	145°53'45"	90	
14L	200	409550	5278710	42°38'18"	145°53'48"	90	
14L	250	409590	5278710	42°38'18"	145°53'50"	90	
14L	300	409650	5278710	42°38'19"	145°53'52"	80	
14L	350	409690	5278730	42°38'18"	145°53'54"	80	
14L	400	409730	5278730	42°38'18"	145°53'56"	80	
14L	450	409790	5278750	42°38'17"	145°53'58"	80	
14L	500	409830	5278770	42°38'17"	145°54'00"	80	

Line	Position	E	N	Lat S	Long E	Elev	Notes
14L	550	409890	5278770	42°38'17"	145°54'03"	80	
14L	600	409930	5278770	42°38'17"	145°54'05"	80	
14L	650	409990	5278790	42°38'16"	145°54'07"	80	
14L	700	410030	5278810	42°38'15"	145°54'09"	80	
14L	750	410090	5278810	42°38'15"	145°54'12"	80	
14L	800	410130	5278830	42°38'15"	145°54'13"	80	
14L	850	410190	5278830	42°38'15"	145°54'16"	90	
14L	900	410230	5278850	42°38'14"	145°54'18"	90	
14L	950	410270	5278850	42°38'14"	145°54'19"	90	
14L	1000	410330	5278870	42°38'14"	145°54'22"	90	
14L	1050	410370	5278870	42°38'14"	145°54'24"	100	
14L	1100	410430	5278890	42°38'13"	145°54'27"	110	
14L	1150	410470	5278890	42°38'13"	145°54'28"	120	
14L	1200	410530	5278890	42°38'13"	145°54'31"	120	
14L	1250	410570	5278890	42°38'13"	145°54'33"	110	
14L	1300	410630	5278890	42°38'13"	145°54'35"	110	
14L	1350	410670	5278890	42°38'13"	145°54'37"	110	
14L	1400	410730	5278890	42°38'13"	145°54'40"	110	
14L	1450	410770	5278890	42°38'13"	145°54'41"	110	
14L	1500	410830	5278910	42°38'13"	145°54'44"	110	
14L	1550	410870	5278910	42°38'13"	145°54'46"	110	
14L	1600	410930	5278910	42°38'13"	145°54'49"	120	
14L	1650	410970	5278910	42°38'13"	145°54'50"	120	
14L	1700	411030	5278930	42°38'12"	145°54'53"	130	
14L	1750	411090	5278930	42°38'12"	145°54'56"	120	
14L	1800	411130	5278950	42°38'11"	145°54'57"	120	
14L	1850	411190	5278950	42°38'11"	145°55'00"	130	
14L	1900	411230	5278970	42°38'11"	145°55'02"	120	
14L	1950	411270	5278970	42°38'11"	145°55'03"	120	
14L	2000	411330	5278990	42°38'10"	145°55'06"	130	
14L	2050	411390	5278990	42°38'10"	145°55'09"	140	
14L	2100	411430	5279030	42°38'09"	145°55'11"	150	
14L	2150	411490	5279030	42°38'09"	145°55'13"	150	
14L	2200	411530	5279030	42°38'09"	145°55'15"	150	
14L	2250	411570	5279050	42°38'08"	145°55'17"	150	
14L	2300	411630	5279050	42°38'08"	145°55'19"	160	
14L	2350	411670	5279070	42°38'08"	145°55'21"	160	
14L	2400	411730	5279090	42°38'07"	145°55'24"	150	
14L	2450	411770	5279090	42°38'07"	145°55'25"	150	
14L	2500	411830	5279110	42°38'06"	145°55'28"	150	
14L	2550	411870	5279130	42°38'06"	145°55'30"	150	
14L	2620	411910	5279170	42°38'05"	145°55'32"	150	
14L	2650	411910	5279190	42°38'04"	145°55'32"	150	
14R	0	409310	5278650	42°38'20"	145°53'37"	70	E (N) end of line 14
14R	50	409250	5278650	42°38'20"	145°53'35"	70	W bank of Maxwell River
14R	100	409210	5278630	42°38'21"	145°53'33"	70	
14R	150	409170	5278630	42°38'21"	145°53'31"	70	
14R	200	409110	5278610	42°38'22"	145°53'28"	80	
14R	250	409070	5278610	42°38'22"	145°53'27"	70	
14R	300	409010	5278590	42°38'22"	145°53'24"	80	
14R	350	408970	5278590	42°38'22"	145°53'22"	80	
14R	400	408910	5278570	42°38'23"	145°53'20"	80	
14R	450	408870	5278570	42°38'23"	145°53'18"	80	
14R	500	408830	5278530	42°38'24"	145°53'16"	90	
14R	550	408790	5278510	42°38'25"	145°53'14"	90	
14R	600	408750	5278470	42°38'26"	145°53'13"	100	
14R	650	408730	5278450	42°38'27"	145°53'12"	110	
14R	700	408690	5278410	42°38'28"	145°53'10"	120	
14R	750	408650	5278390	42°38'28"	145°53'08"	140	
14R	800	408630	5278350	42°38'30"	145°53'07"	160	
14R	850	408610	5278310	42°38'31"	145°53'06"	160	
14R	900	408590	5278250	42°38'33"	145°53'05"	180	
14R	950	408550	5278210	42°38'34"	145°53'04"	190	
14R	1000	408530	5278170	42°38'36"	145°53'03"	210	
14R	1050	408490	5278150	42°38'36"	145°53'01"	230	
14R	1100	408470	5278130	42°38'37"	145°53'00"	250	W end of line 14