9921.01 DM Wardner South FSR - New Construction - 1714m
9921.01 DM Wardner South FSR - Reconstruction - 3203m
CRPL TA0897 Sec. 1 - New Construction - Temporary - 448m
CRPL TA0897 Sec. 2 Seg. 1 - New Construction - Permanent - 172m
CRPL TA0897 Sec. 2 Seg. 2 - New Construction - Temporary - 594m
CRPL TA0897 Sec. 2 Seg. 3 - New Construction - Permanent - 320m
CRPL TA0897 Sec. 3 Seg. 1 - New Construction - Permanent - 433m
CRPL TA0897 Sec. 3 Seg. 2 - New Construction - Temporary - 433m
CRPL TA0897 Sec. 4 - New Construction - Temporary - 387m

615000 616000 617000 618000 619000

5468000 5467000 5466000 5465000 5464000 5463000

A38568-1
A38194-D
A19042
CP127-186
W0855
CPDD-5
A95528-2
A95528-3
A95528-4
A95529-2
A95529-1
TA0897-5
TA0897-1
TA0897-2
TA0897-3
TA0897-4
TA0549-4
WARDNER SOUTH SPUR 5000 FSR 9921.02
WARDNER SOUTH SPUR 6000 FSR 9921.03
WARDNER SOUTH SPUR 6700 FSR 9921.04
DM WARDNER SOUTH FSR FSR 9921.01
KOOCANUSA LAKE
CR UNTENURED ROAD 1 TO MILL
R1/S6
450mm
500mm
400mm
2400mm

East Kootenay Field Unit

ROAD SITE PLAN OVERVIEW MAP

TSL: TA0897 / Contract: EN22TFH003
Blocks: 1, 2, 3, 4, 5

Location: Rocky

Map Reference: 082G.033, 082G.034

UTM	Zone	Easting						Northing						
Grid	1	1	6	1	5	8	1	3	5	4	6	4	8	1	6

Latitude: 49° 19' 30"N Longitude: 115° 24' 22"W

Natural Resource Region: Kootenay-Boundary
Natural Resource District: Rocky Mountain

- Proposed Block Boundary
- GPS Station
- Proposed Permanent Landing
- Existing Permanent Landing
- Wildlife Tree Reserve Area
- Internal Reserve
- Road - Existing
- Forest Service Road
- Proposed Road - Permanent
- Proposed Road - Temporary
- Existing Road - Retired
- Proposed Forwarding Trail
- Machine Free Zone
- Riparian Reserve Zone
- Riparian Management Area
- Riparian Management Zone
- Proposed/Existing Culvert
- Proposed/Existing Bridge
- Stratum Boundary
- Fence Line
- Transmission Line
- Pipeline

Adjacent Blocks (Planning Status, Block Status)

- Planning or 196
- Planning or 196, WIP
- OPC, PP or WIP
- OPC, ADV
- PROP, PP
- PROP, WIP or ADV
- SP x
- Deferred
- HB or LC
- RG or SR
- GU
- FG not GU
- FG
- Surrendered

Streams, Lakes, and Wetlands

- Riparian Streams (Class S1 - S6, NCD, NVC)
- Lake (Class L1 - L4, NCL)
- Riparian Wetland (Class W1 - W5, NCW)
- R2-2/S4 Riparian Stream # - Reach # / Stream Class
- Reach Break

Contours

- Index - 100m interval
- Intermediate - 20m interval

N
True North
Magnetic Declination: 13° 48'E

0 200 400 600
metres
UTM11, NAD83
Scale: 1:20 000

Field References (Ribbon/Paint)

Orange-glo / Blue Paint - Labelled **BCTS BLOCK BOUNDARY**

Pink-glo / no Paint - Labelled **ROAD CENTERLINE**

Pink-glo with Black slashes / no Paint - Labelled **TRAIL**

Triple Pink-glo / no Paint - Labelled **LANDING**

Blue with Black slashes / no Paint - Labelled **MACHINE FREE ZONE**

Blue / no Paint - Labelled **RIPARIAN MANAGEMENT ZONE**

Orange-glo / Blue Paint - Labelled **RESERVE**

Purple / no Paint - Labelled **WATER COURSE**

MAPLE LEAF Forestry Ltd. 489-0005

File: ..\ROCKY\TA0897\ROAD_SITE_PLAN\MXD
\TA0897_i6_map_RoadSitePlan_Overview.MXD
Original Date: 26 March 2020
Revision Date: 22 January 2021

FSR 9921.01 Wardner South - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	1	12	5	-	3.2	1.4	-	Dry				POC New construction departs from existing road.
56	2	37	5	55.5	13.7	1.9	2	Dry				
74	3	39	5	18.9	8.4	1.1	12	Dry				
99	4	16	5	24.3	4.2	1.3	5	Dry				
126	5	10	5	27.7	2.3	1.1	2	Dry				Landing center
143	6	13	5	17.0	4.6	1.8	5	Dry				
200	7	5	5	56.6	2.5	2.7	10	Dry				
250	8	20	5	50.0	9.1	2.3	5	Dry				
292	9	25	5	41.7	9.8	2.0	8	Dry				Bottom of switchback
330	10	9	5	38.3	3.5	2.1	3	Dry				Apex of switchback - junction with CRPL TA0897 Sec.1
375	11	30	5	45.0	14.3	2.4	5	Dry				
425	12	31	5	50.0	19.6	3.1	12	Dry				
500	13	20	5	75.0	17.4	4.4	9	Dry				
600	14	27	5	100.0	17.1	3.1	8	Dry				
625	15	29	5	25.0	7.3	1.3	10	Dry				
650	16	24	5	25.0	9.1	1.9	4	Dry				
700	17	26	5	50.0	16.3	3.1	2	Dry				
775	18	16	5	75.0	6.3	2.0	9	Dry				
781	19	16	5	5.9	3.9	1.3	3	Dry				Landing center
825	20	28	5	44.1	10.0	1.8	3	Dry				
854	21	17	5	28.6	4.3	1.3	7	Dry				
875	22	12	5	21.4	2.6	1.1	1	Dry				
898	23	9	5	22.6	1.7	1.0	-4	Dry				
913	24	8	5	15.5	2.9	1.9	-1	Dry				Junction with CRPL TA0897 Sec.4
975	25	17	5	61.9	11.4	3.4	-1	Dry				
1050	26	26	5	75.0	19.6	3.8	6	Dry				
1126	27	19	5	76.4	9.9	2.6	5	Dry				Landing center
1153	28	16	5	26.3	3.9	1.2	0	Dry				
1175	29	22	5	22.3	5.0	1.1	5	Dry				
1198	30	22	5	22.9	5.5	1.3	6	Dry				
1225	31	24	5	27.1	14.9	3.2	12	Dry				
1325	32	16	5	100.0	16.0	5.0	7	Dry				
1425	33	13	5	100.0	13.1	5.0	9	Dry				
1525	34	0	5	100.0	0.0	3.8	4	Dry				
1577	35	11	5	52.3	5.6	2.5	0	Dry	450	9	Dry draw	Install cross drain.
1625	36	23	5	47.7	8.2	1.8	-2	Dry				
1650	37	14	5	25.0	5.2	1.9	8	Dry				
1700	38	5	5	50.0	1.5	1.6	3	Dry				
1714	39	8	5	14.0	0.6	0.4	6	Dry				EOT. Junction with FSR 9921.03 Wardner South Spur 6000
		Totals		1714	314.6	85.7						

Weighted Totals		
	Slope %	18%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.1 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	1	1	5	-	0.1	0.6	-	Dry				POC at Wardner South FSR 0+330 (apex of switchback)
25	2	37	5	25.0	9.8	1.3	18	Dry				
54	3	32	5	28.7	12.0	1.9	5	Dry				Top of switchback
100	4	24	5	46.3	10.7	2.3	8	Dry				
144	5	12	5	44.4	4.5	1.9	8	Dry				
175	6	9	5	30.6	3.3	1.8	3	Dry				
218	7	8	5	43.1	3.9	2.5	-4	Dry				Landing center
275	8	16	5	56.9	6.5	2.0	-4	Dry				
300	9	9	5	25.0	2.2	1.3	1	Dry				
325	10	11	5	25.0	4.2	1.9	1	Dry				
375	11	9	5	50.0	3.5	1.9	6	Dry				
400	12	11	5	25.0	2.8	1.3	0	Dry				
425	13	5	5	25.0	1.1	1.2	4	Dry				
448	14	8	5	22.6	0.9	0.6	0	Dry				Landing center
		Totals		448	65.5	22.4						

Weighted Totals		
	Slope %	15%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.2 Seg.1 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	1	3	10	-	2.6	8.6	-	Dry				POC at FSR 9921.03 Wardner South Spur 6000. On existing trail.
172	2	45	5	172.0	38.7	4.3	-5	Dry				EOT Seg. 1, POC Seg.2 (departs from existing trail),
		Totals		172.0	41.3	12.9						

Weighted Totals		
	Slope %	24%
	Rock %	8%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.2 Seg.2 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	2	45	5	-	7.4	0.8	-	Dry				POC Seg.2
33	3	18	5	33.0	9.4	2.6	1	Dry				POC >10% grade
104	4	18	5	71.0	9.5	2.6	12	Dry				EOT >10% grade
138	5	18	5	34.0	15.5	4.3	-2	Dry				
276	6	9	5	138.0	8.9	5.0	-6	Dry				
336	7	12	5	60.0	10.2	4.3	1	Dry				
446	8	8	5	110.0	6.9	4.3	0	Dry				Landing center
508	9	17	5	62.0	12.6	3.7	-3	Dry				
594	10	42	5	86.0	18.1	2.2	-5	Dry				EOT Seg.2, POC Seg.3 on existing trail
		Totals		594	98.3	29.7						

Weighted Totals		
	Slope %	17%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.2 Seg.3 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	10	42	5	-	35.3	4.2	-	Dry				POC Seg.3 on existing trail
168	11	52	5	168.0	64.0	6.2	-1	Dry				
246	12	37	5	78.0	28.1	3.8	-2	Dry				
320	13	6	5	74.0	2.2	1.9	-1	Dry				EOT. Landing center.
		Totals		320	129.6	16.0						

Weighted Totals		
	Slope %	40%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.3 Seg.1 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	1	18	5	-	5.8	1.6	-	Moist				Junction with FSR 9921.04 Wardner South Spur 6700. On existing trail 2m wide.
64	2	11	5	64.0	7.2	3.3	15	Moist				Fence is beside road.
131	3	13	5	67.0	8.8	3.4	10	Moist				
199	4	3	5	68.0	1.9	3.2	14	Moist				
259	5	7	5	60.0	4.9	3.5	12	Moist				
339	6	5	5	80.0	3.2	3.2	3	Moist				
385	7	3	5	46.0	1.4	2.4	11	Moist				Leaves trail, must break fence line.
433	8	13	5	48.0	3.1	1.2	10	Moist				EOT Seg.1. POC Seg.2. Landing center.
		Totals		433	36.2	21.7						

Weighted Totals		
	Slope %	8%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.3 Seg.2 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	8	13	5	-	2.0	0.8	-	Moist				POC Seg.2. Landing center
30	9	29	5	30.0	9.6	1.7	2	Moist				
66	10	28	5	36.0	12.5	2.2	7	Moist				
119	11	26	5	53.0	13.9	2.7	9	Moist				
173	12	44	5	54.0	24.9	2.8	9	Moist				
232	13	33	5	59.0	13.2	2.0	13	Moist				
253	14	23	5	21.0	8.4	1.8	10	Moist				
305	15	37	5	52.0	25.5	3.5	10	Moist				
391	16	28	5	86.0	17.9	3.2	15	Moist				
433	17	16	5	42.0	3.4	1.1	4	Moist				EOT. Landing center
		Totals		433	131.2	21.7						

Weighted Totals		
	Slope %	30%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *

CRPL TA0897 Sec.4 - New Construction

Total Distance	Station #	Up Hill SS%	% Rock	Length (m)	Weighted SS%	Weighted Rock%	Grade %	Soil Moisture	Culvert Diameter (mm)	Culvert Length (m)	Drainage Class	Comments
0	1	2	5	-	0.3	0.6	-	Dry				Junction on Wardner South FSR - New Build (0+914)
25	2	7	5	25.0	1.7	1.3	-5	Dry				
50	3	15	5	25.0	9.3	3.1	-8	Dry				
150	4	14	5	100.0	13.8	5.0	-3	Dry				
250	5	17	5	100.0	12.5	3.8	-2	Dry				
300	6	18	5	50.0	6.8	1.9	-5	Dry				
325	7	0	5	25.0	0.0	1.3	3	Dry				
350	8	3	5	25.0	0.9	1.5	7	Dry				
387	9	5	5	36.5	0.9	0.9	0	Dry				EOT. Landing center.
		Totals		387	46.1	19.3						

Weighted Totals		
	Slope %	12%
	Rock %	5%

* Note: Yellow highlighted cells are formulas; do not enter data. *