
Appendix 7 Timber Supply Analysis – Spatial Harvest Sequence

Compartment	Score	Aspatial			Spatial Yield Estimates					Modelled Block Statistics										
		Area	Gross Merchantable Coniferous Volume (15/11)	Gross Merchantable Deciduous Volume (15/11)	Area	Operable (%)	Deleted Land (%)	Deferred Land (%)	Not Rank 1 or 2	Gross Merchantable Coniferous 15/11	Gross Merchantable Deciduous 15/11	NoBlocks	Average Area	Minimum Area	Max Area	No > 100	No > 500	No > 1000		
Total of Scheduled Compartments Period 1	91.9% 96.3% 87.5%	117,798 62,199 55,599	27,455,036 13,880,002 13,575,033	2,154,670 1,335,585 819,085	122,352 66,197 56,154	81.5% 88.0% 73.9%	0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	9.2% 5.7% 13.3%	25,236,121 13,361,522 11,874,600	3,074,240 1,448,605 1,625,635	11,635	10.5	0.0	361.6	55	-	-		
Compartment	Pass Available	Design type	Period	Area	Coniferous Volume 15/11	Deciduous Volume (15/11)	Area	Operable (%)	Deleted Land (%)	Deferred Land (%)	Not Rank 1 or 2	Coniferous 15/11	Deciduous 15/11	NoBlocks	Average Area	Minimum Area	Max Area	No > 100	No > 500	No > 1000
1 Sundre CTPP	2	Pass_2i	1	988	249,011	26,369	1,013	97.0%	0.0%	0.0%	2.0%	240,120	14,968	133	7.6	0.0	30.5	-	-	-
2 Bob Mclean Quota	2	Pass_2i	1	123	25,782	5,322	137	73.0%	0.0%	0.0%	14.0%	25,975	8,009	34	4.0	0.5	15.8	-	-	-
3 Gray Quota	2	Pass_2i	1	198	40,556	14,755	170	98.0%	0.0%	0.0%	0.0%	40,678	4,738	22	7.7	1.3	43.4	-	-	-
6 Bluehill	2	Pass_3i	1	1,405	282,461	18,472	1,405	55.0%	0.0%	0.0%	23.0%	275,061	22,252	208	6.8	0.0	34.4	-	-	-
7 Bridgeland Creek	1	None	1	475	122,012	8,332	542	85.0%	0.0%	0.0%	14.0%	124,126	7,609	67	8.1	0.9	85.8	-	-	-
9 Swale Creek	2	Pass_3i	1	1,749	455,014	21,424	1,993	85.0%	0.0%	0.0%	14.0%	459,161	23,294	66	30.2	2.6	96.1	-	-	-
10 Coit Creek	2	Pass_3i	1	1,983	406,448	22,237	2,174	87.0%	0.0%	0.0%	11.0%	407,120	23,457	319	6.8	0.2	67.1	-	-	-
11 Contingency	2	Pass_3i	1	301	73,503	7,319	301	96.0%	0.0%	0.0%	4.0%	74,202	5,362	31	9.7	2.4	22.7	-	-	-
12 Cutoff Creek	1	None	1	1,073	177,007	11,705	1,225	100.0%	0.0%	0.0%	0.0%	178,154	12,280	117	10.5	1.0	153.1	-	-	3
13 Dutch Creek	1	None	1	174	49,355	2,419	214	18.0%	0.0%	0.0%	82.0%	49,763	2,801	20	10.7	1.0	59.8	-	-	-
15 East Ram River	2	Pass_3i	1	479	125,010	5,905	537	97.0%	0.0%	0.0%	2.0%	126,218	6,104	46	11.7	2.8	38.3	-	-	-
16 Elk Creek	1	None	1	1,194	259,009	14,199	1,535	98.0%	0.0%	0.0%	2.0%	268,085	16,248	132	11.6	1.1	150.1	1	-	-
17 Falls Creek	1	None	1	326	65,007	5,537	326	100.0%	0.0%	0.0%	0.0%	65,526	3,702	34	9.6	1.3	86.8	-	-	-
18 Gap Creek	1	Pass_2i	1	957	223,985	11,841	947	73.0%	0.0%	0.0%	27.0%	226,597	11,674	19	49.9	6.8	117.4	1	-	-
21 Haven Creek	1	Pass_3i	1	340	39,305	1,707	340	100.0%	0.0%	0.0%	81.0%	37,503	2,981	4	62.3	14.7	130.4	1	-	-
23 Highway 752	1	Pass_3i	1	1,564	371,723	23,929	1,743	98.0%	0.0%	0.0%	0.0%	371,075	27,399	260	6.7	1.0	139.8	1	-	-
25 James River	1	Pass_3i	1	1,563	375,018	43,058	1,738	84.0%	0.0%	0.0%	6.0%	377,243	58,327	62	28.0	2.9	130.4	1	-	-
27 Lewis Creek	1	None	1	2,209	439,951	33,544	2,033	98.0%	0.0%	0.0%	0.0%	352,629	34,745	190	10.7	0.8	151.3	2	-	-
28 Lick Creek	2	Pass_3i	1	926	220,009	14,276	1,008	98.0%	0.0%	0.0%	1.0%	217,466	13,082	37	27.3	2.7	67.8	-	-	-
33 Marble Mountain	1	None	1	288	57,753	14,999	296	100.0%	0.0%	0.0%	0.0%	58,819	3,151	38	7.8	1.1	28.4	-	-	-
34 South Burnstick Lake	1	Pass_3i	1	1,819	326,979	13,528	1,723	98.0%	0.0%	0.0%	6.0%	330,493	81,170	108	16.0	0.9	58.2	-	-	-
35 Meadows Creek	1	None	1	690	136,500	12,461	821	100.0%	0.0%	0.0%	0.0%	148,008	11,031	70	11.7	1.1	112.5	-	-	1
36 North Ram River	1	None	1	670	148,052	7,870	827	100.0%	0.0%	0.0%	0.0%	149,941	8,728	102	8.1	1.0	64.2	-	-	-
38 Pineneedle Creek	1	None	1	1,085	165,905	12,394	1,122	100.0%	0.0%	0.0%	0.0%	172,918	11,274	86	13.0	1.0	235.1	2	-	-
40 Prairie Creek	2	Pass_3i	1	640	170,012	8,384	643	96.0%	0.0%	0.0%	1.0%	170,605	7,772	82	7.8	0.9	14.8	-	-	-
51 Ram Mountain	1	None	1	1,434	314,986	29,100	1,229	70.0%	0.0%	0.0%	30.0%	227,416	30,179	121	10.2	1.0	85.1	-	-	-
52 Rapid Creek	2	Pass_2i	1	1,963	430,018	22,668	1,792	90.0%	0.0%	0.0%	7.0%	362,825	21,420	272	6.6	0.0	54.8	-	-	-
53 Raven River	1	Pass_3i	1	1,219	296,987	16,489	1,308	94.0%	0.0%	0.0%	0.0%	323,071	17,132	24	54.5	8.5	204.4	5	-	-
54 Red Deer River	1	Pass_3i	1	1,943	459,997	28,209	1,424	91.0%	0.0%	0.0%	1.0%	306,405	18,552	48	29.7	4.6	91.8	-	-	-
55 Rocky Creek	1	None	1	1,219	205,806	13,283	1,314	96.0%	0.0%	0.0%	4.0%	193,445	13,258	123	10.7	1.0	95.7	-	-	-
57 North Saskatchewan River	1	None	1	656	133,349	30,570	628	100.0%	0.0%	0.0%	0.0%	133,797	7,687	121	5.2	1.0	59.4	-	-	-
58 Shunda Creek	2	Pass_3i	1	558	131,257	11,181	804	62.0%	0.0%	0.0%	32.0%	131,305	35,622	70	11.5	2.3	61.2	-	-	-
59 Skunk Creek	1	Pass_2i	1	1,935	384,297	24,184	2,298	100.0%	0.0%	0.0%	0.0%	388,159	26,313	398	5.8	0.0	86.7	-	-	-
61 South James River	1	Pass_3i	1	690	139,998	19,691	630	83.0%	0.0%	0.0%	5.0%	142,030	17,896	66	9.5	2.0	23.0	-	-	-
63 Stoney Creek	2	Pass_3i	1	2,073	579,020	31,678	2,797	97.0%	0.0%	0.0%	0.0%	577,724	39,908	264	10.6	1.0	139.3	1	-	-
64 Swan Creek	1	Pass_3i	1	1,404	365,033	44,869	1,504	90.0%	0.0%	0.0%	2.0%	366,427	40,791	40	37.6	3.1	163.2	3	-	-
65 Swan Lake	2	Pass_3i	1	638	159,991	19,909	679	92.0%	0.0%	0.0%	1.0%	158,944	25,188	88	7.7	0.7	20.2	-	-	-
66 Tawadina Creek	2	Pass_3i	1	617	144,906	9,305	709	79.0%	0.0%	0.0%	4.0%	142,806	10,155	29	24.4	0.6	123.5	1	-	-
67 Tay River	2	Pass_3i	1	1,743	434,004	47,522	1,963	74.0%	0.0%	0.0%	7.0%	430,540	53,250	275	7.1	1.0	24.7	-	-	-
68 Teepee Creek	1	None	1	1,285	235,997	14,517	1,431	100.0%	0.0%	0.0%	0.0%	244,917	14,492	112	11.8	1.0	294.5	3	-	-
69 The Forks	1	None	1	809	155,402	8,889	818	99.0%	0.0%	0.0%	1.0%	137,579	8,414	98	8.3	1.1	80.2	-	-	-
70 Trout Creek	2	Pass_3i	1	2,521	604,002	48,134	2,865	90.0%	0.0%	0.0%	3.0%	598,341	54,515	304	9.4	0.8	55.4	-	-	-
73 Upper Lick Creek	2	Pass_2i	1	339	75,001	4,883	325	89.0%	0.0%	0.0%	6.0%	79,887	3,827	18	18.1	2.3	46.1	-	-	-
74 Upper Tay River	2	Pass_3i	1	592	120,004	9,523	646	85.0%	0.0%	0.0%	1.0%	120,942	8,213	14	46.1	11.9	121.9	1	-	-
76 Wildhorse Creek	1	Pass_1i	1	268	62,000	3,247	179	89.0%	0.0%	0.0%	11.0%	41,913	2,199	28	6.4	1.0	33.6	-	-	-
77 Williams Creek	2	Pass_2i	1	1,614	383,994	23,025	1,732	81.0%	0.0%	0.0%	0.0%	386,223	21,687	49	35.3	5.2	128.8	2	-	-
79 Yara Creek	1	Pass_1i	1	482	117,003	6,847	197	95.0%	0.0%	0.0%	0.0%	46,493	5,189	55	3.6	1.0	16.8	-	-	-
172 Burnt Timber Creek	2	Pass_2i	1	1,145	274,996	15,570	1,280	88.0%	0.0%	0.0%	1.0%	274,919	15,670	70	18.3	0.5	89.7	-	-	-
174 North Burnstick Lake	2	Pass_2i	1	609	140,710	16,272	659	96.0%	0.0%	0.0%	2.0%	142,634	18,748	37	17.8	3.4	41.7	-	-	-
175 North Horburg	2	Pass_2i	1	945	157,980	73,719	1,139	57.0%	0.0%	0.0%	25.0%	159,606	128,023	66	17.3	1.9	87.2	-	-	-
177 Harlech	1	Pass_1i	1	1,193	280,020	21,564	1,350	100.0%	0.0%	0.0%	0.0%	279,577	15,145	213	6.3	1.0	60.7	-	-	-
178 Moosewillow Creek	2	Pass_1i	1	296	80,006	4,390	267	100.0%	0.0%	0.0%	0.0%	67,974	3,917	70	3.8	0.1	13.6	-	-	-
179 Hazard	2	Pass_3i	1	364	89,617	6,327	429	82.0%	0.0%	0.0%	2.0%	87,873	14,212	31	13.8	1.2	51.0	-	-	-
180 CTPP North	2	Pass_2i	1	832	169,108	12,219	847	80.0%	0.0%	0.0%	6.0%	169,139	24,015	98	8.6	0.1	75.9	-	-	-
181 CTPP North	2	Pass_2i	1	277	57,004	3,351	284	65.0%	0.0%	0.0%	6.0%	58,712	6,837	11	25.8	1.6	60.3	-	-	-
182 CTPP North	2	Pass_2i	1	378	78,885	4,731	375	94.0%	0.0%	0.0%	3.0%	82,148	7,070	46	8.2	0.6	18.8	-	-	-
183 CTPP North	2	Pass_2i																		

Compartment	Score	Aspatial			Spatial Yield Estimates					Modelled Block Statistics										
		Area	Gross Merchantable Coniferous Volume (15/11)	Gross Merchantable Deciduous Volume (15/11)	Area	Operable (%)	Deleted Land (%)	Deferred Land (%)	Not Rank 1 or 2	Gross Merchantable Coniferous 15/11	Gross Merchantable Deciduous 15/11	NoBlocks	Average Area	Minimum Area	Max Area	No > 100	No > 500	No > 1000		
Total of Scheduled Compartments	91.9%	117,798	27,455,036	2,154,670	122,352	81.5%	0.0%	0.0%	9.2%	25,236,121	3,074,240	11,635	10.5	0.0	361.6	55	-	-		
Period 1	96.3%	62,199	13,880,002	1,335,585	66,197	88.0%	0.0%	0.0%	5.7%	13,361,522	1,448,605									
Period 2	87.5%	55,599	13,575,033	819,085	56,154	73.9%	0.0%	0.0%	13.3%	11,874,600	1,625,635									
Compartment	Pass Availability	Design type	Period	Area	Coniferous Volume 15/11	Deciduous Volume (15/11)	Area	Operable (%)	Deleted Land (%)	Deferred Land (%)	Not Rank 1 or 2	Coniferous 15/11	Deciduous 15/11	NoBlocks	Average Area	Minimum Area	Max Area	No > 100	No > 500	No > 1000
1 Sundre CTPP	2	Pass_2i	2	901	249,038	15,394	668	98.0%	0.0%	0.0%	2%	175,218	8,928	119	5.6	0.1	28.9	-	-	-
2 Bob Mclean Quota	2	Pass_2i	2	45	12,841	554	46	30.0%	0.0%	0.0%	0%	4,488	7,011	17	2.7	1.3	6.3	-	-	-
3 Gray Quota	2	Pass_2i	2	278	81,895	3,399	168	100.0%	0.0%	0.0%	0%	40,214	7,715	25	6.7	1.1	30.2	-	-	-
7 Bridgeland Creek	1	None	2	531	142,398	6,427	554	39.0%	0.0%	0.0%	6%	105,741	16,536	109	5.1	1.0	73.3	-	-	-
8 Clearwater River	2	Pass_3	2	1,781	398,695	23,400	2,168	46.0%	0.0%	0.0%	5%	400,906	29,048	151	14.4	0.8	51.5	-	-	-
9 Swale Creek	2	Pass_3	2	1,959	522,499	23,551	2,271	22.0%	0.0%	0.0%	7%	524,807	27,535	106	21.4	0.7	100.4	1	-	-
11 Contingency	2	Pass_3	2	520	146,301	6,356	628	69.0%	0.0%	0.0%	26%	148,025	15,018	77	8.2	1.3	18.8	-	-	-
12 Cutoff Creek	1	None	2	699	123,253	7,902	699	77.0%	0.0%	0.0%	23%	128,013	8,718	41	17.0	1.0	94.2	-	-	-
15 East Ram River	2	Pass_3	2	293	86,330	3,566	363	74.0%	0.0%	0.0%	9%	87,940	4,214	34	10.7	3.1	19.9	-	-	-
16 Elk Creek	1	None	2	881	167,259	10,095	840	59.0%	0.0%	0.0%	41%	167,240	9,601	39	21.5	0.9	130.8	2	-	-
18 Gap Creek	1	Pass_2	2	428	119,692	5,210	499	46.0%	0.0%	0.0%	54%	122,780	7,735	15	33.2	6.1	104.6	1	-	-
19 Gap Lake	1	None	2	827	224,806	10,301	942	66.0%	0.0%	0.0%	34%	248,642	11,565	59	16.0	1.0	270.6	2	-	-
20 Gloomy Creek	1	None	2	1,183	250,964	14,042	1,423	99.0%	0.0%	0.0%	1%	282,016	15,989	89	16.0	1.0	234.8	2	-	-
22 Highway 11	2	Pass_3	2	685	151,392	22,363	886	58.0%	0.0%	0.0%	29%	151,854	46,755	85	10.4	0.8	28.6	-	-	-
23 Highway 752	1	Pass_3i	2	158	35,368	1,828	26	80.0%	0.0%	0.0%	0%	6,521	3,318	5	5.3	2.1	9.5	-	-	-
25 James River	1	Pass_3	2	1,586	433,311	19,583	2,167	69.0%	0.0%	0.0%	14%	445,377	99,195	127	17.1	1.7	109.1	1	-	-
26 Jock Lake	2	Pass_3	2	247	69,997	2,996	285	44.0%	0.0%	0.0%	48%	73,135	3,580	9	31.6	7.9	114.0	1	-	-
28 Lick Creek	2	Pass_3	2	399	103,390	4,702	491	90.0%	0.0%	0.0%	3%	107,483	7,501	14	35.1	2.7	89.0	-	-	-
29 Limestone	1	None	2	582	106,057	6,645	625	95.0%	0.0%	0.0%	5%	107,119	6,765	78	8.0	1.0	77.2	-	-	-
30 Lower Cripple Creek	1	None	2	387	83,672	4,536	406	60.0%	0.0%	0.0%	40%	86,299	4,680	45	9.0	1.0	123.5	1	-	-
31 Lower Pinto Creek	1	None	2	582	128,366	6,935	623	90.0%	0.0%	0.0%	10%	129,457	7,127	58	10.7	1.0	71.7	-	-	-
32 Lynx Creek	2	Pass_3i	2	282	49,205	2,177	258	29.0%	0.0%	0.0%	71%	56,071	3,018	64	4.0	1.0	43.4	-	-	-
33 Marble Mountain	1	None	2	2,185	505,540	25,635	1,922	96.0%	0.0%	0.0%	0%	377,427	40,635	207	9.3	1.0	262.1	2	-	-
34 South Burnstick Lake	1	Pass_3	2	1,124	575,801	25,941	3,143	69.0%	0.0%	0.0%	12%	561,747	206,768	296	10.6	0.0	63.8	-	-	-
35 Meadows Creek	1	None	2	1,493	344,337	17,116	1,211	98.0%	0.0%	0.0%	1%	237,052	15,467	134	9.0	1.0	252.5	1	-	-
36 North Ram River	1	None	2	190	33,369	2,145	164	96.0%	0.0%	0.0%	4%	35,452	1,887	22	7.4	1.1	36.8	-	-	-
38 Pineneedle Creek	1	None	2	794	124,295	8,526	806	98.0%	0.0%	0.0%	2%	127,577	8,246	60	13.4	1.0	239.6	1	-	-
39 Pinto Creek	2	Pass_3	2	23	6,277	269	32	0.0%	0.0%	0.0%	41%	7,201	458	6	5.3	1.6	8.0	-	-	-
40 Prairie Creek	2	Pass_3	2	972	282,301	11,829	965	79.0%	0.0%	0.0%	4%	257,580	12,403	136	7.1	1.3	13.8	-	-	-
49 North Prairie Creek	2	Pass_3	2	555	141,377	13,940	482	95.0%	0.0%	0.0%	1%	113,828	15,539	31	15.5	0.8	68.9	-	-	-
50 Radiant Creek	1	None	2	313	71,694	3,711	381	77.0%	0.0%	0.0%	23%	72,159	4,273	40	9.5	0.9	99.3	-	-	-
53 Raven River	1	Pass_3	2	1,487	406,086	17,862	1,593	93.0%	0.0%	0.0%	2%	376,885	22,291	57	28.0	0.6	100.7	1	-	-
54 Red Deer River	1	Pass_3	2	1,547	416,914	19,359	1,011	76.0%	0.0%	0.0%	4%	232,592	12,726	29	34.9	0.0	124.8	2	-	-
56 Rough Creek	2	Pass_3	2	2,062	458,343	63,834	2,626	71.0%	0.0%	0.0%	11%	455,560	116,681	195	13.5	2.0	65.9	-	-	-
57 North Saskatchewan River	1	None	2	809	195,633	12,093	910	77.0%	0.0%	0.0%	0%	149,117	67,255	169	5.4	1.0	67.5	-	-	-
58 Shunda Creek	2	Pass_3	2	373	60,310	4,994	356	52.0%	0.0%	0.0%	33%	60,825	13,977	30	11.9	3.6	29.8	-	-	-
59 Skunk Creek	1	Pass_1i	2	376	58,825	4,035	315	100.0%	0.0%	0.0%	0%	57,632	3,288	43	7.3	2.0	27.1	-	-	-
60 South Creek	1	None	2	114	34,291	1,387	102	29.0%	0.0%	0.0%	71%	25,424	1,230	20	5.1	1.0	29.5	-	-	-
62 South Ram River	1	None	2	249	58,021	2,989	282	66.0%	0.0%	0.0%	34%	59,446	3,216	31	9.1	1.0	46.4	-	-	-
63 Stony Creek	2	Pass_3i	2	2,062	478,747	25,462	1,696	90.0%	0.0%	0.0%	1%	454,158	23,794	142	14.1	1.0	361.6	2	-	-
64 Swan Creek	1	Pass_3	2	1,820	503,414	22,558	2,026	80.0%	0.0%	0.0%	3%	482,413	79,539	80	25.3	0.2	134.3	1	-	-
65 Swan Lake	2	Pass_3	2	1,115	310,143	15,319	940	94.0%	0.0%	0.0%	1%	237,736	26,261	125	7.5	1.3	22.5	-	-	-
66 Tawadina Creek	2	Pass_3	2	1,353	323,546	15,938	1,344	87.0%	0.0%	0.0%	9%	287,884	16,945	82	16.4	0.0	85.7	-	-	-
67 Tay River	2	Pass_3	2	2,239	589,201	29,123	1,613	75.0%	0.0%	0.0%	7%	391,654	38,309	235	6.9	0.5	21.0	-	-	-
68 Teepee Creek	1	None	2	492	116,061	5,586	595	97.0%	0.0%	0.0%	0%	109,406	10,066	68	8.8	1.1	68.2	-	-	-
71 Two Dam Creek	1	None	2	104	26,125	1,256	69	100.0%	0.0%	0.0%	0%	16,336	836	13	5.3	1.1	23.0	-	-	-
73 Upper Lick Creek	2	Pass_2	2	1,189	345,777	14,513	1,313	86.0%	0.0%	0.0%	5%	339,960	16,897	61	21.5	0.2	137.8	1	-	-
74 Upper Tay River	2	Pass_3	2	676	159,731	8,008	847	61.0%	0.0%	0.0%	3%	173,041	11,428	32	26.5	2.0	90.2	-	-	-
75 Bluehill West	2	Pass_3i	2	730	169,148	8,645	673	61.0%	0.0%	0.0%	21%	147,957	10,512	80	8.4	1.0	64.3	-	-	-
77 Williams Creek	2	Pass_2i	2	1,112	304,698	13,352	1,319	73.0%	0.0%	0.0%	1%	305,723	18,673	46	28.7	4.3	83.6	-	-	-
172 Burnt Timber Creek	2	Pass_2i	2	547	141,643	6,449	515	80.0%	0.0%	0.0%	3%	120,154	5,985	33	15.6	2.5	52.0	-	-	-
174 North Burnstick Lake	2	Pass_2	2	234	63,550	2,629	149	80.0%	0.0%	0.0%	2%	33,528	4,086	6	24.9	1.7	52.3	-	-	-
175 North Horburg	2	Pass_2	2	909	235,224	14,763	180	20.0%	0.0%	0.0%	75%	30,905	16,360	14	12.8	4.6	27.6	-	-	-
176 South Horburg	2	Pass_2	2	908	200,013	40,906	961	83.0%	0.0%	0.0%	9%	199,301	54,270	36	26.7	3.1	88.6	-	-	-
177 Harlech	1	Pass_1i	2	1,238	313,314	14,891	834	86.0%	0.0%	0.0%	12%	179,942	22,440	128	6.5	1.0	76.2	-	-	-
180 CTPP North	2	Pass_2i	2	1,018	213,207	19,271	863	100.0%	0.0%	0.0%	0%	208,908	10,192	211	4.1	0.7	47.9	-	-	-
181 CTPP North	2	Pass_2i	2	360	72,720	7,773	307													