

Run 7

This run was complete to meet test the sensitivity of the AAC when the forest was subject to adjacency constraints. These constraints were designed to impose restrictions on the model that simulate forest management practices that were used in the calculation of the currently approved AAC.

TABLE 18.22: SUMMARY OF RUN 7 OBJECTIVES, CONSTRAINTS AND RESULTS.

Forest Management Strategy #	Landbase Strategy	Yield Curve Transition	Primary Species	Flow Constraint	Planning Horizon	Target Harvest Age	Minimum Harvest Age	Planned Blocks Sequenced	Adjacency	Adjacency Horizon	Green Up Period	Accum. Block Area (ha)	Conifer AAC	Deciduous AAC
7	Single	Status Quo	Conifer	Even Flow	160	80	70-Conifer 50-Deciduous	N/A	On	0 meters ²¹	20 years	50	6,446 (20 yr Avg.)	1,893 (20yr Avg.)

²¹ Adjacency constraint was in affect for the first 55 years of this run, after which time it was turned off.

TABLE 18.23: RUN 7 – ANNUAL HARVEST FLOW SUMMARY

Period	Coniferous Deciduous	
	Volume	Volume
5	6567	1468
10	6357	3042
15	6500	1429
20	6359	1635
25	6352	4402
30	6359	1417
35	6413	1209
40	6361	6208
45	6378	6909
50	6428	9917
55	6351	9708
60	6362	1594
65	6358	4351
70	6411	9708
75	6403	5392
80	6372	4094
85	6369	3667
90	6457	2954
95	6350	2309
100	6427	2437
105	6432	1765
110	6405	4452
115	6405	1644
120	6448	934
125	6356	6033
130	6362	8593
135	6394	10741
140	6458	5002
145	6363	1684
150	6390	10775
155	6427	5524
160	6354	3770
20 year Average	6446	1893
160 year average	6398	4524

FIGURE 18.16: RUN 7 – ANNUAL HARVEST FLOW SUMMARY

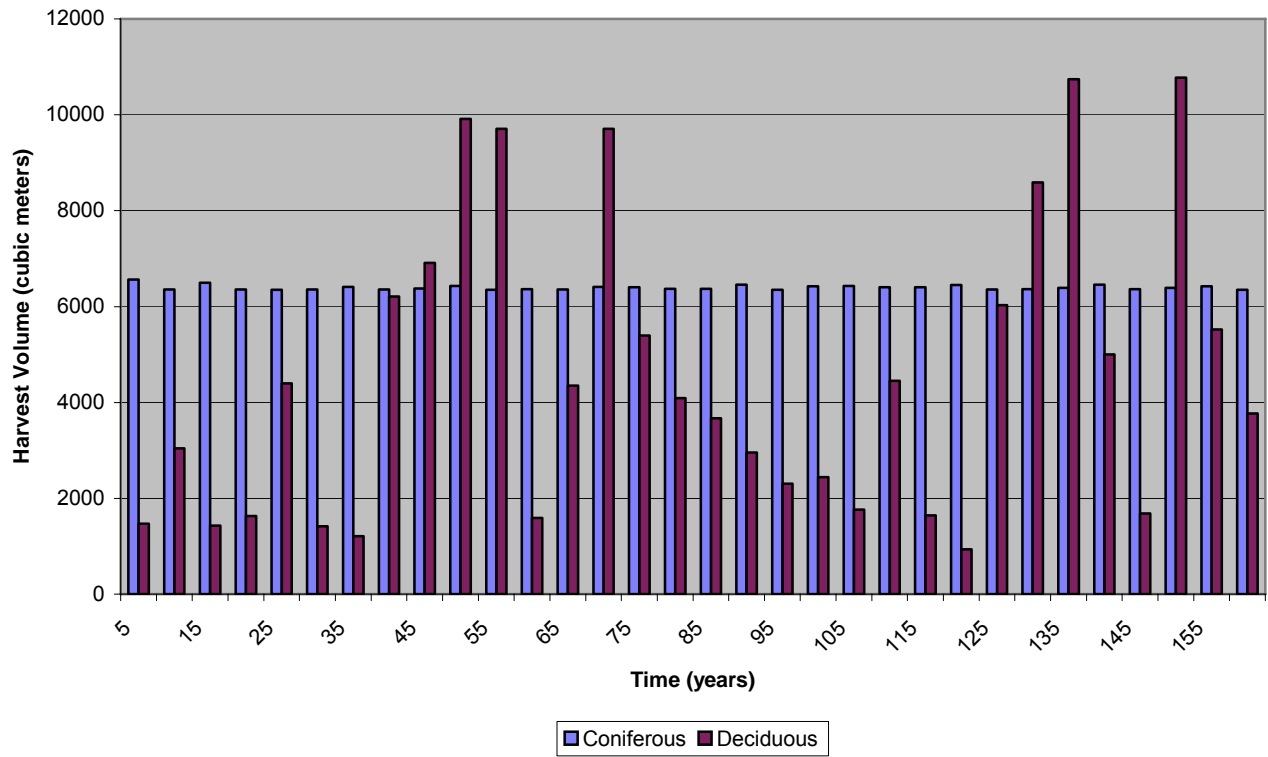


TABLE 18.24: RUN 7 – AVERAGE HARVEST AGE SUMMARY

Period	Average Harvest Age
5	129
10	123
15	123
20	116
25	139
30	118
35	123
40	128
45	129
50	128
55	133
60	128
65	133
70	138
75	139
80	124
85	83
90	88
95	88
100	89
105	88
110	88
115	87
120	87
125	87
130	86
135	85
140	86
145	84
150	84
155	83
160	82

FIGURE 18.17: RUN 7 – AVERAGE HARVEST AGE SUMMARY

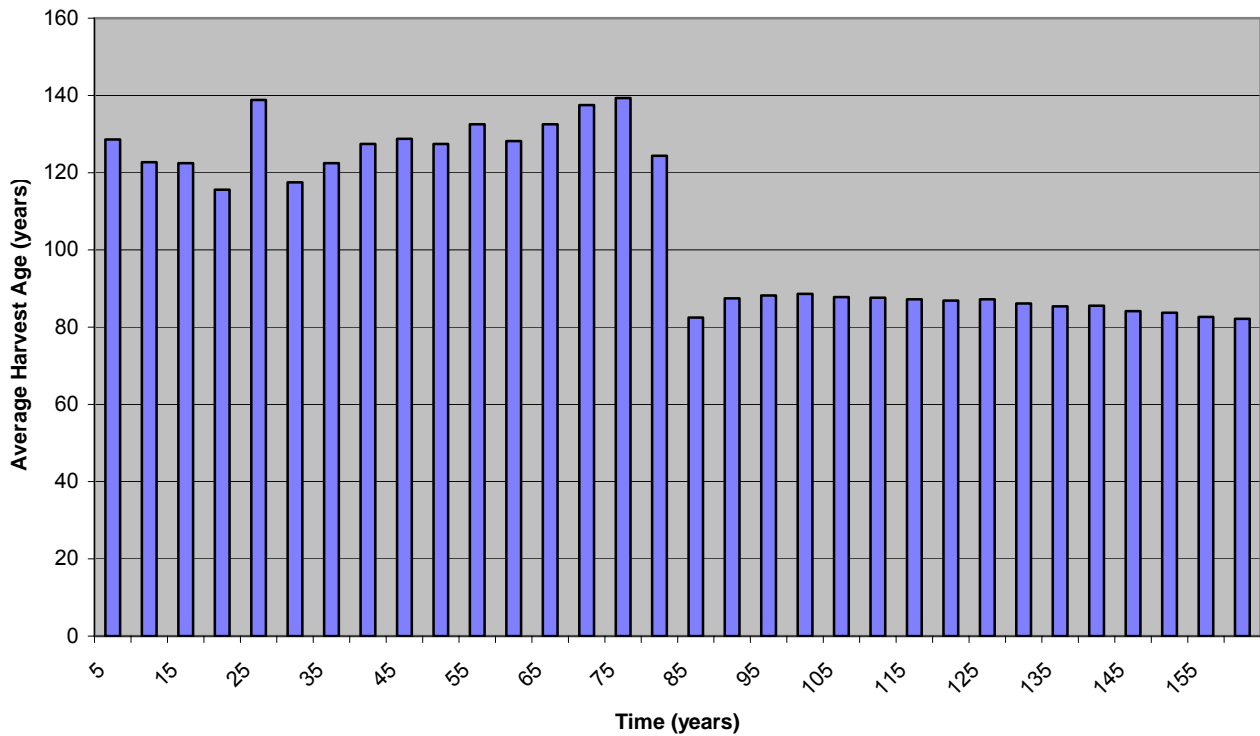
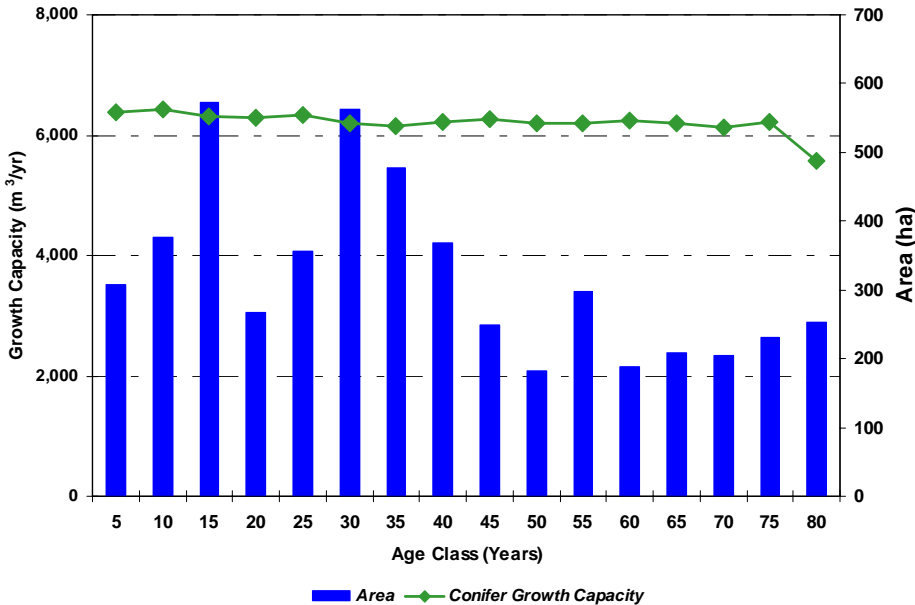


TABLE 18.25: RUN 7 – GROWTH CAPACITY AT 160 YEARS.

Age	Area (ha)	Growth Capacity Total	Annual Growth Capacity
5	307.1	31949.4	6389.88
10	375.8	32177	6435.4
15	573.1	31521	6304.2
20	266.3	31480.7	6296.14
25	356.4	31631.8	6326.36
30	563.3	30981	6196.2
35	477.6	30801.3	6160.26
40	368.8	31050.2	6210.04
45	248.9	31362.1	6272.42
50	181.7	31016.6	6203.32
55	297.5	30975.5	6195.1
60	187.5	31172	6234.4
65	208.1	30934.7	6186.94
70	203.4	30615.5	6123.1
75	231.6	31138.3	6227.66
80	251.9	27891.7	5578.34
Total	5099	496698.8	99339.76

FIGURE 18.18: RUN 7 – POST HARVEST FOREST CONDITIONS¹ AT 160 YEARS IN FUTURE.

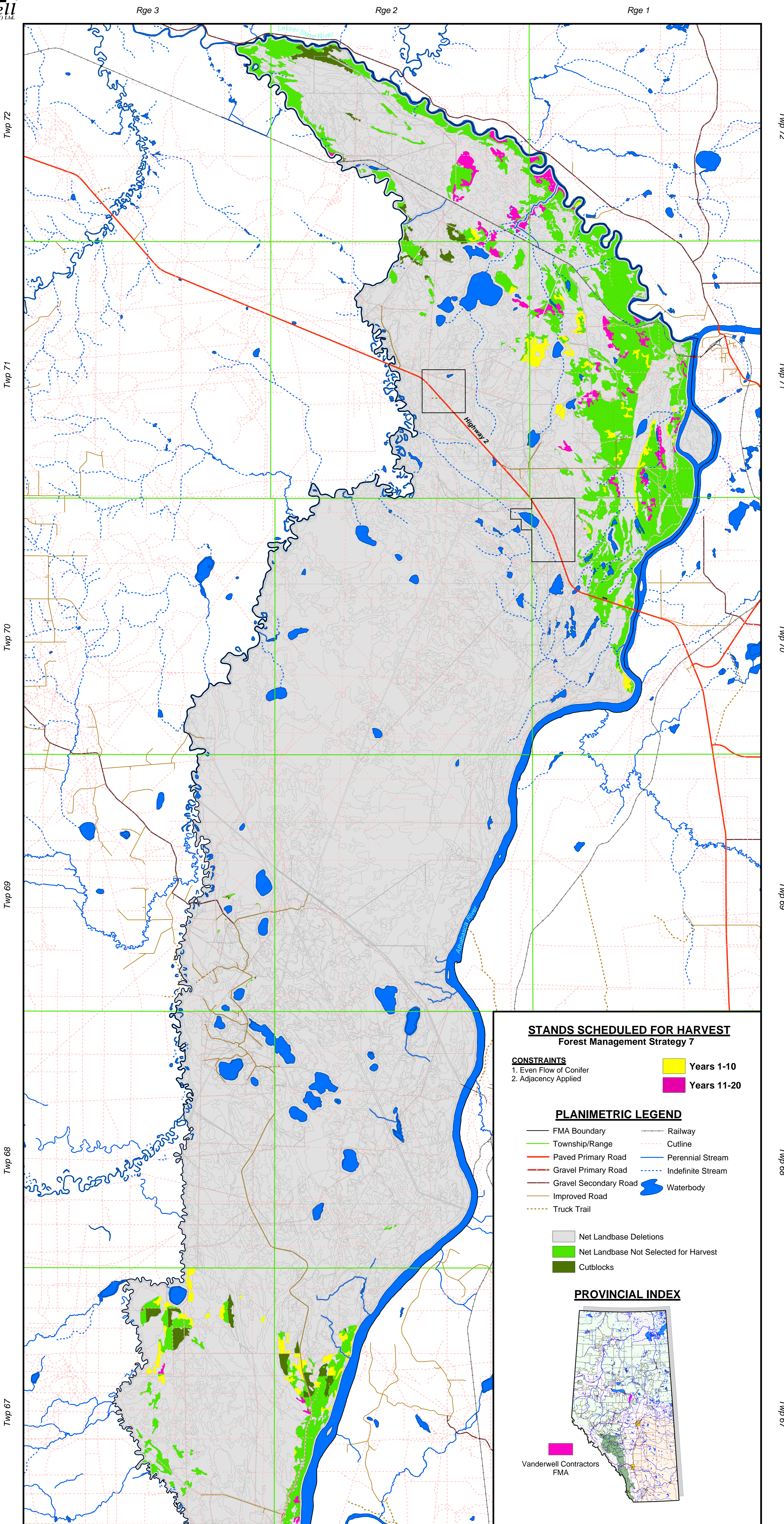


¹ Projected structure of the net landbase after 160 years. The age class distribution (bars) and harvest age volume (growth capacity – line symbol) associated with each age class are presented.



20 YEAR HARVEST SEQUENCE

Within the Vanderwell FMA



STANDS SCHEDULED FOR HARVEST

Forest Management Strategy 7

CONSTRAINTS

1. Even Flow of Conifer
2. Adjacency Applied

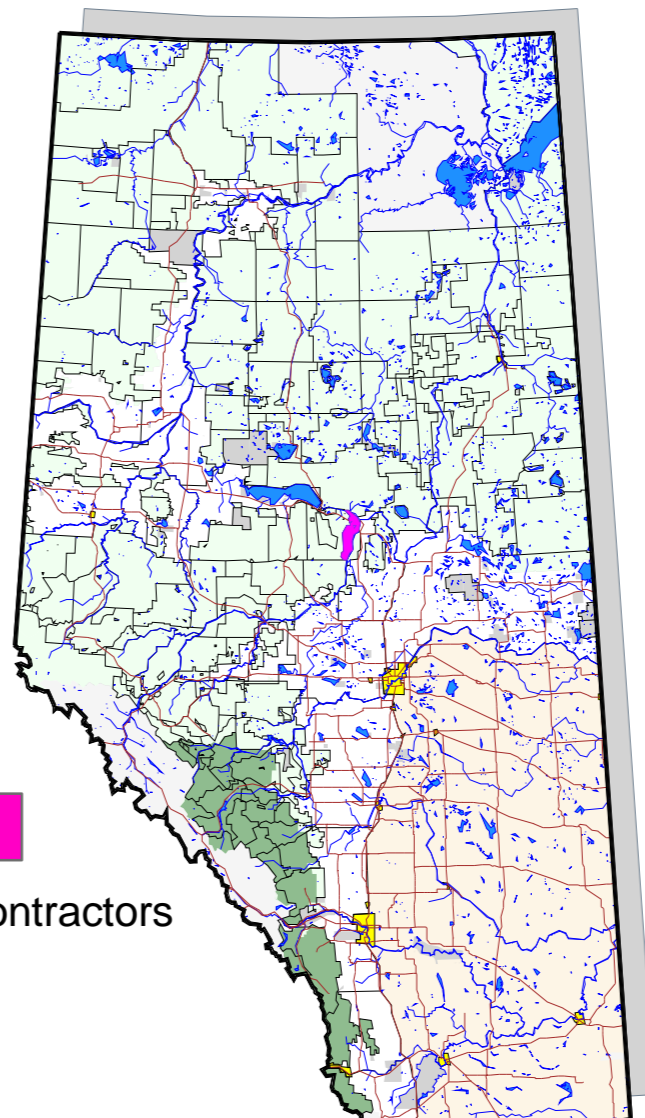
- Years 1-10
- Years 11-20

PLANIMETRIC LEGEND

- FMA Boundary
- Township/Range
- Paved Primary Road
- Gravel Primary Road
- Gravel Secondary Road
- Improved Road
- Truck Trail
- Railway
- Cutline
- Perennial Stream
- Indefinite Stream
- Waterbody

- Net Landbase Deletions
- Net Landbase Not Selected for Harvest
- Cutblocks

PROVINCIAL INDEX



Vanderwell Contractors
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