

**Table 7: Change in the Abundance of Old Growth in the Fort McKay FTSA (AVI)**

Map Code	Description	Late-1990s Scenario		Base Case		Net Change from Late 1990s to Base Case	Net Change (%) for Jackpine Project		Net Change (%) for Pierre River Mine		Net Change (%) at Application Case	
		[ha]	[%]	[ha]	[%]	[%]	Late 1990s	Base	Late 1990s	Base	Late 1990s	Base
<b>Timber Productive Old Growth</b>												
<b>Athabasca Plain Natural Subregion Ecosite Phases</b>												
a1	bearberry jack pine	1,302	3	1,110	3	-15	-15	0	-15	<-1	-15	<-1
b1	Canada buffalo-berry-green alder jack pine-aspen-white birch	1,041	3	995	3	-4	-4	0	-6	-1	-6	-1
b2	Canada buffalo-berry-green alder aspen	501	1	332	1	-34	-34	0	-35	-1	-35	-1
b3	Canada buffalo-berry-green alder aspen-white spruce-black spruce	932	2	917	3	-2	-2	0	-11	-10	-11	-10
b4	Canada buffalo-berry-green alder white spruce-black spruce-jack pine	1,880	5	1,879	6	<-1	<-1	0	-13	-13	-13	-13
c1	Labrador tea-mesic jack pine-black spruce	120	<1	120	<1	0	0	0	0	0	0	0
d1	Labrador tea-subhygric black spruce-jack pine	6	<1	6	<1	0	0	0	0	0	0	0
e1	willow/horsetail aspen-white birch-balsam poplar	412	1	412	1	0	0	0	-2	-2	-2	-2
e2	willow/horsetail aspen-white spruce-black spruce	276	1	276	1	0	0	0	-7	-7	-7	-7
e3	willow/horsetail white spruce-black spruce	77	<1	77	<1	0	0	0	0	0	0	0
<i>Athabasca Plain ecosite phase subtotal</i>		<i>6,548</i>	<i>17</i>	<i>6,125</i>	<i>19</i>	<i>-6.5</i>	<i>-6</i>	<i>0</i>	<i>-12</i>	<i>-6</i>	<i>-12</i>	<i>-6</i>
<b>Boreal Highlands Natural Subregion Ecosite Phases</b>												
<i>Boreal Highland ecosite phase subtotal</i>		<i>1,753</i>	<i>5</i>	<i>1,753</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Central Mixedwood Natural Subregion Ecosite Phases</b>												
a1	lichen jack pine	1,212	3	1,187	4	-2	-2	0	-2	0	-2	0
b1	blueberry jack pine-aspen	1,443	4	1,283	4	-11	-25	-16	-12	-1	-26	-17
b2	blueberry aspen (white birch)	440	1	434	1	-1	-18	-17	-1	0	-18	-17
b3	blueberry aspen-white spruce	2,099	6	1,816	6	-13	-14	-1	-16	-3	-17	-4
b4	blueberry white spruce-jack pine	274	1	208	1	-24	-24	0	-31	-9	-31	-9
c1	Labrador tea-mesic jack pine-black spruce	125	<1	116	<1	-7	-7	0	-7	0	-7	0
d1	low-bush cranberry aspen	6,086	16	5,026	15	-17	-18	-1	-18	-1	-19	-2
d2	low-bush cranberry aspen-white spruce	7,487	20	6,408	20	-14	-16	-2	-15	-1	-17	-3
d3	low-bush cranberry white spruce	3,393	9	2,912	9	-14	-14	<-1	-15	-1	-15	-1
e1	dogwood balsam poplar-aspen	865	2	730	2	-16	-16	<-1	-16	<-1	-16	<-1
e2	dogwood balsam poplar-white spruce	1,359	4	1,056	3	-22	-23	-1	-25	-4	-26	-5
e3	dogwood white spruce	431	1	195	1	-55	-55	0	-65	-22	-65	-22

Map Code	Description	Late-1990s Scenario		Base Case		Net Change from Late 1990s to Base Case	Net Change (%) for Jackpine Project		Net Change (%) for Pierre River Mine		Net Change (%) at Application Case	
		[ha]	[%]	[ha]	[%]	[%]	Late 1990s	Base	Late 1990s	Base	Late 1990s	Base
g1	Labrador tea-subhygric black spruce-jack pine	56	<1	56	<1	0	0	0	0	0	0	0
h1	Labrador tea/horsetail white spruce-black spruce	557	1	470	1	-16	-18	-2	-16	<-1	-18	-3
PJ-Lt Comp	jack pine-tamarack complex	9	<1	9	<1	0	0	0	0	0	0	0
<i>Central Mixedwood ecosite phase subtotal</i>		<i>25,836</i>	<i>68</i>	<i>21,906</i>	<i>67</i>	<i>-15</i>	<i>-17</i>	<i>-2</i>	<i>-16</i>	<i>-1</i>	<i>-18</i>	<i>-4</i>
<i>Uplands subtotal</i>		<i>34,137</i>	<i>90</i>	<i>29,784</i>	<i>92</i>	<i>-13</i>	<i>-14</i>	<i>-2</i>	<i>-15</i>	<i>-2</i>	<i>-16</i>	<i>-4</i>
<b>Timber Productive Old Growth - Forested and Wooded Wetlands</b>												
STNN	wooded swamp	1,156	3	778	2	-33	-33	0	-33	0	-33	0
<i>timber productive wetlands subtotal</i>		<i>1,156</i>	<i>3</i>	<i>778</i>	<i>2</i>	<i>-33</i>	<i>-33</i>	<i>0</i>	<i>-33</i>	<i>0</i>	<i>-33</i>	<i>0</i>
<i>timber productive subtotal</i>		<i>35,293</i>	<i>93</i>	<i>30,561</i>	<i>94</i>	<i>-13</i>	<i>-15</i>	<i>-1</i>	<i>-15</i>	<i>-2</i>	<i>-17</i>	<i>-4</i>
<b>Non-Timber Productive Old Growth - Forested and Wooded Wetlands</b>												
BTNN	wooded bog	834	2	616	2	-26	-26	0	-26	0	-26	0
FTNN	wooded fen	1,763	5	1,341	4	-24	-24	0	-24	<-1	-24	<-1
<i>non-timber productive wetlands subtotal</i>		<i>2,598</i>	<i>7</i>	<i>1,958</i>	<i>6</i>	<i>-25</i>	<i>-25</i>	<i>0</i>	<i>-25</i>	<i>&lt;-1</i>	<i>-25</i>	<i>&lt;-1</i>
<i>Wetlands subtotal</i>		<i>3,754</i>	<i>10</i>	<i>2,736</i>	<i>8</i>	<i>-27</i>	<i>-27</i>	<i>0</i>	<i>-27</i>	<i>&lt;-1</i>	<i>-27</i>	<i>&lt;-1</i>
<b>Total Old Growth</b>		<b>37,890</b>	<b>100</b>	<b>32,519</b>	<b>100</b>	<b>-14</b>	<b>-15</b>	<b>-1</b>	<b>-16</b>	<b>-2</b>	<b>-17</b>	<b>-4</b>

Note: Some numbers are rounded for presentation purposes. Therefore, it may appear that the totals do not equal the sum of the individual value.

Ecosite phase areas for the Boreal Highlands Natural Subregion are not presented since no losses occur in the Subregion.