



ECO-SITE ASSESSMENT

Month	Day	Year
Aug	24	2016

Surveyor: Keith Ebbs, RPFT # 010093

Compartment	M	Rge	Twp	Sec	Block
Back 40	5	7	27	W1/2 & SE 1/4 12	n/a
Plot Number	1	2	3	4	
Natural Subregion	Upper Foothills	Upper Foothills	Upper Foothills	Upper Foothills	
Field Guide	Field Guide to Ecosites of the Sunpine Regional Area	Field Guide to Ecosites of the Sunpine Regional Area	Field Guide to Ecosites of the Sunpine Regional Area	Field Guide to Ecosites of the Sunpine Regional Area	
Ecosite and Phase	C 1.3	C 1	C1	C1	
Topography	Gentle rolling to 3%	Gentle rolling	Flat	Gentle south aspect	
Area (ha)	20	20	20	21	

HAZARD ASSESSMENT (L, M, H, VH)

Drought	H	H	H	H
Excess Moisture	L	L	L	L
Rutting Hazard	L	L	L	L
Compaction	L	L	L	L
Erosion	H	H	H	H
Soil Temp. Limitation	L	L	L	L
Veg. Comp.	L	L	L	L
Windthrow	M	M	M	M
Other	Brunisols, Luvisols, Regosols - surface stone and cobble commonly present; shallow soils	Brunisols, Luvisols, Regosols - surface stone and cobble commonly present; shallow soils	Brunisols, Luvisols, Regosols - surface stone and cobble commonly present; shallow soils	Brunisols, Luvisols, Regosols - surface stone and cobble commonly present; shallow soils

Species Present

Indicator Species	Juniper, running raspberry, vetch, hairy wild rye, Schreiber's moss	Hairy wild rye, feather moss, bearberry, pine grass, ground juniper	Pine grass, juniper, rose, hairy wild rye, buffalo berry, running raspberry	Feather moss, vetch, juniper, mushrooms< 1% calamagrostis
Timber Species and Composition (present on the plot)	SW4 PL4 AW2	<u>PL9 SW1</u> SW10	<u>PL8 SW2</u> SW10	PL7 SW3
Plot Number	1	2	3	4

SW White spruce PL Lodgepole pine AW Trembling aspen

Lt Larch/tamarack PB Balsam poplar SB Black spruce

The numeric is the percentage present by specie i.e.: SW4 is 40% white spruce

A split Timber Species identifies overstory (top line) and understory (bottom line)



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Back 40	5	7	27	W1/2 & SE 1/4 12	n/a

Plot Number	5	6		
Natural Subregion	Upper Foothills	Upper Foothills		
Field Guide	Field Guide to Ecosites of the Sunnive Regional	Field Guide to Ecosites of the Sunnive Regional		
Ecosite and Phase	C1.3	E1.1		
Topography	Gentle rolling to 3%	Extremely steep to 80%		
Area (ha)	21	21		

HAZARD ASSESSMENT (L, M, H, VH)

Drought	H	L-M		
Excess Moisture	L	L-M		
Rutting Hazard	L	L-M		
Compaction	L	L		
Erosion	H	L-M		
Soil Temp. Limitation	L	L		
Veg. Comp.	L	L		
Windthrow	M	L-M		
Other	Brunisols, Luvisols, Regosols - surface stone and cobble commonly present; shallow soils	Fluvial or glacio-fluvial, Regosols or Brunisols, site is susceptible to flooding, mesic, NW aspect		

Species Present

Indicator Species	Hairy wild rye, feather moss, bearberry, pine grass, ground juniper	Loamy clay, lab tea, feather moss		
Timber Species and Composition (present on the plot)	SW4 PL4 AW2	PL6 SW3 SB1 SW8 SB2		
Plot Number	5	6		4

SW White spruce PL Lodgepole pine AW Trembling aspen
 Lt Larch/tamarack PB Balsam poplar SB Black spruce
 The numeric is the percentage present by specie i.e.: SW4 is 40% white spruce
 A split Timber Species identifies overstory (top line) and understory (bottom line)