

Tumbler Ridge Community Forest Corp

GIS Data Management and Field Tour - June 15, 2017

Community Forest Data Management and Wildfire Interface Program



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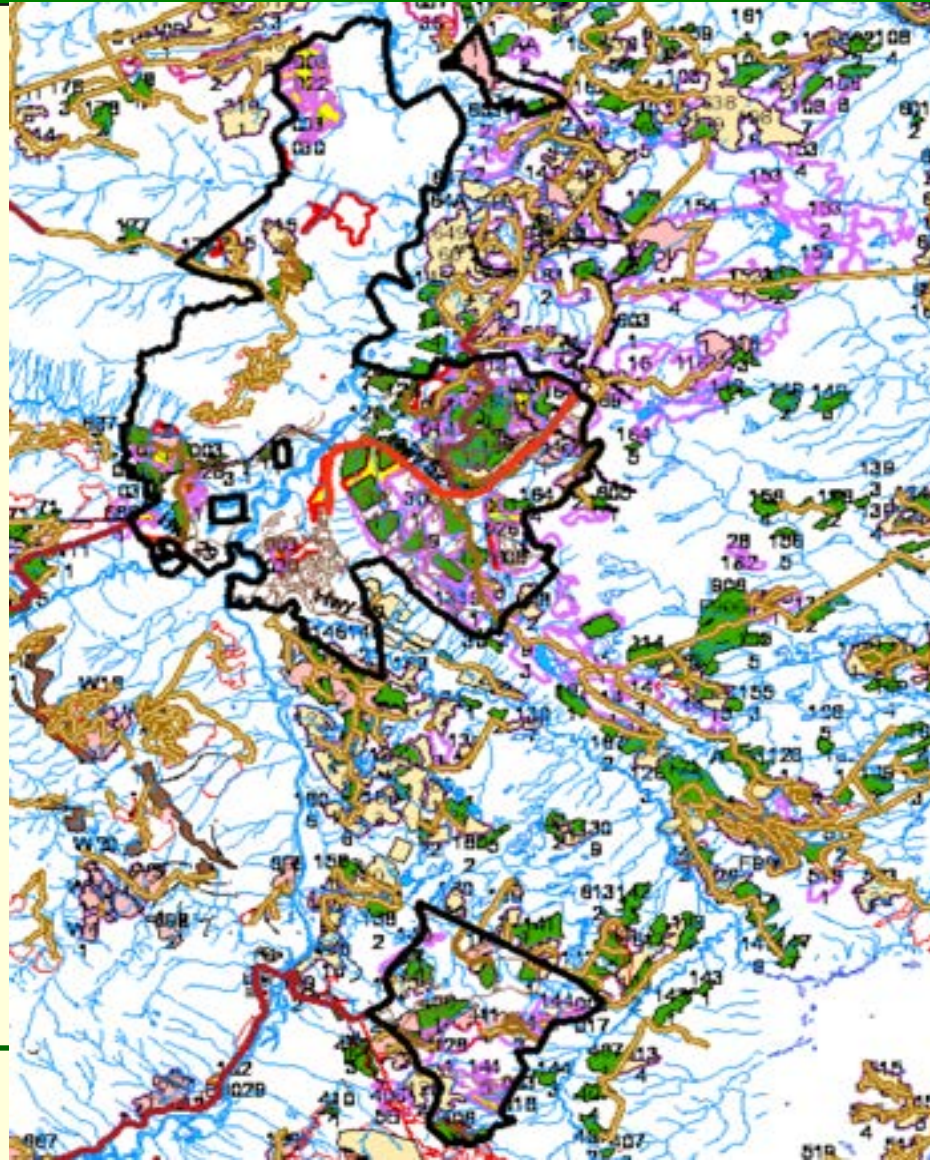


Four Focus Areas

1. Operational Planning
2. Strategic Planning
3. Wildfire Interface Management
4. Forest Practices Board Audit Essentials

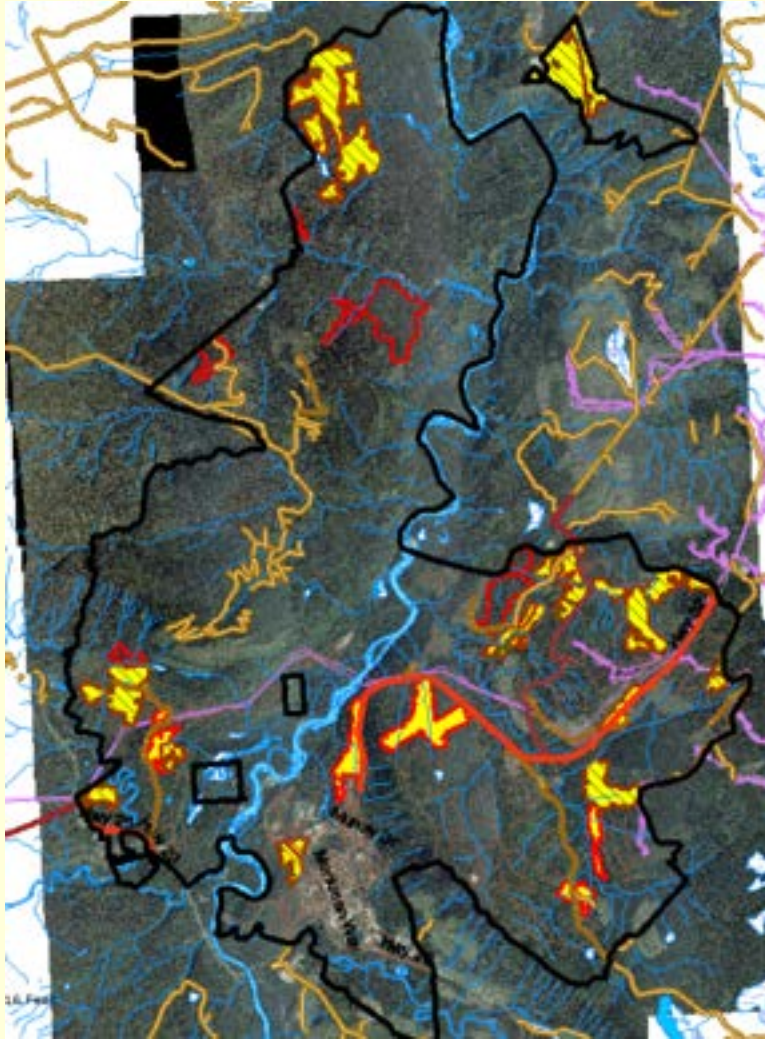
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Snapshot



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Snapshot 2014 Imagery



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Operational Planning

- Forest inventory
- Multiple imagery files
- Management zones
 - ✓ Visual polygons
 - ✓ Bio geoclimatic zones
 - ✓ Arch potential
 - ✓ Trappers and guides
 - ✓ Town legal boundary
- CP Blocks
 - ✓ Roads planned, located, built
 - ✓ Harvested, planted, brushed

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Ski Trail and Cabin - 2013 High Resolution Imagery



Results

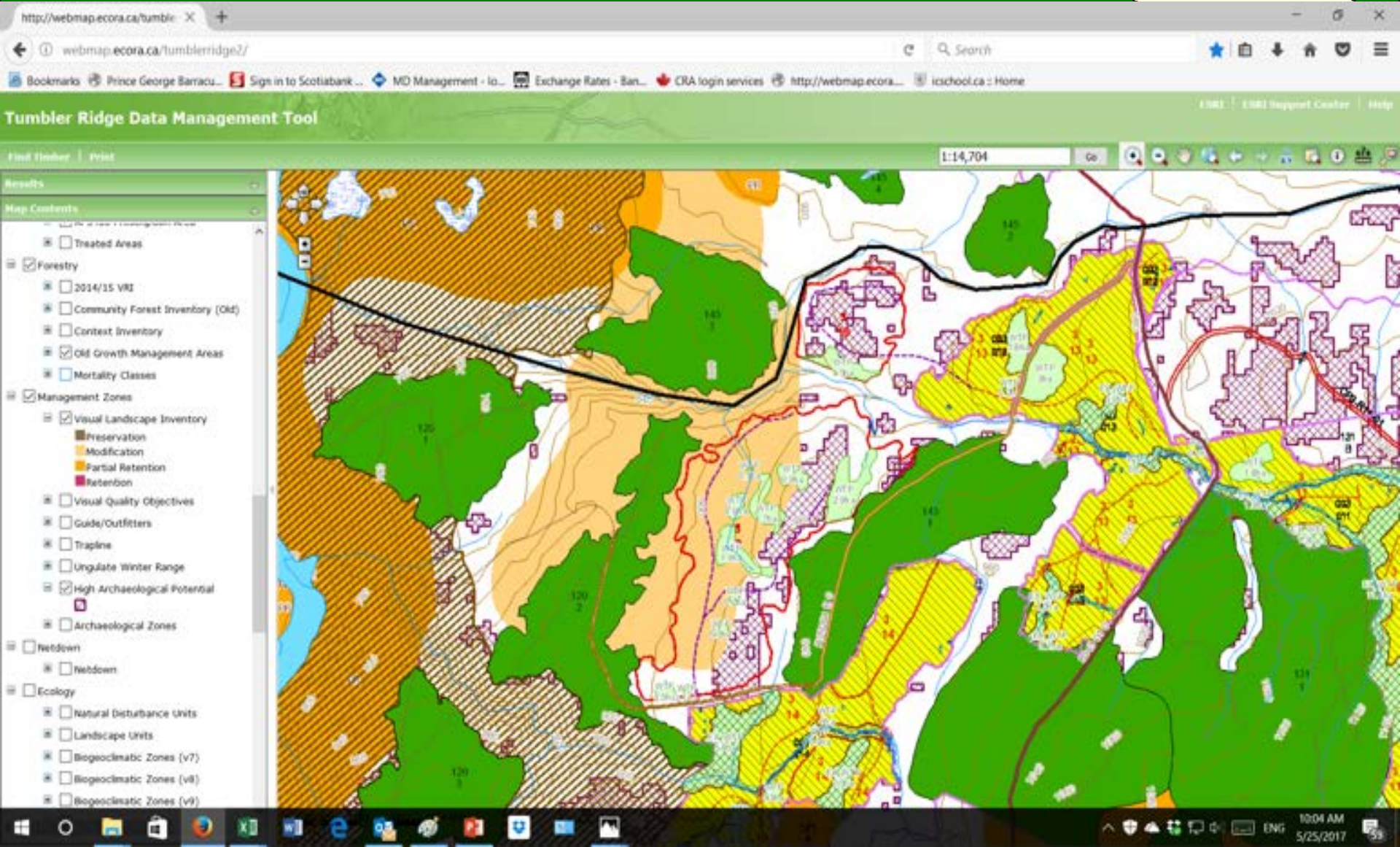
Map Contents

- ☒ Trails
- ☐ Forest Tenure Trails
- ☐ Forest Health
 - ☐ Forest Health Overview 2011
- ☒ Other Tenure
 - ☒ Windpower Roads
- ☐ ORTHOS Colour
 - ☒ 093p016.tif
 - ☒ 093p026.tif
 - ☒ 93p006.tif
- ☐ ORTHOS B&W
 - ☒ bc_93ine.tif
 - ☒ bc_93psw.tif
- ☒ High Res Imagery
 - ☒ High Res Imagery (10cm)
- ☐ ROMAN LIDAR Images
 - ☒ ROMAN LIDAR Images
- ☐ 2014 Orthos North
 - ☐ Photo Centers
 - ☐ Flight Lines
 - ☐ Photo Index North
 - ☒ 2014 Orthos North
- ☐ 2014 Orthos South
 - ☐ Photo Centers
 - ☐ Flight Lines
 - ☐ Photo Index South



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Planned Blocks 9/10 Arch, Visual, Block, WTP, and Roads



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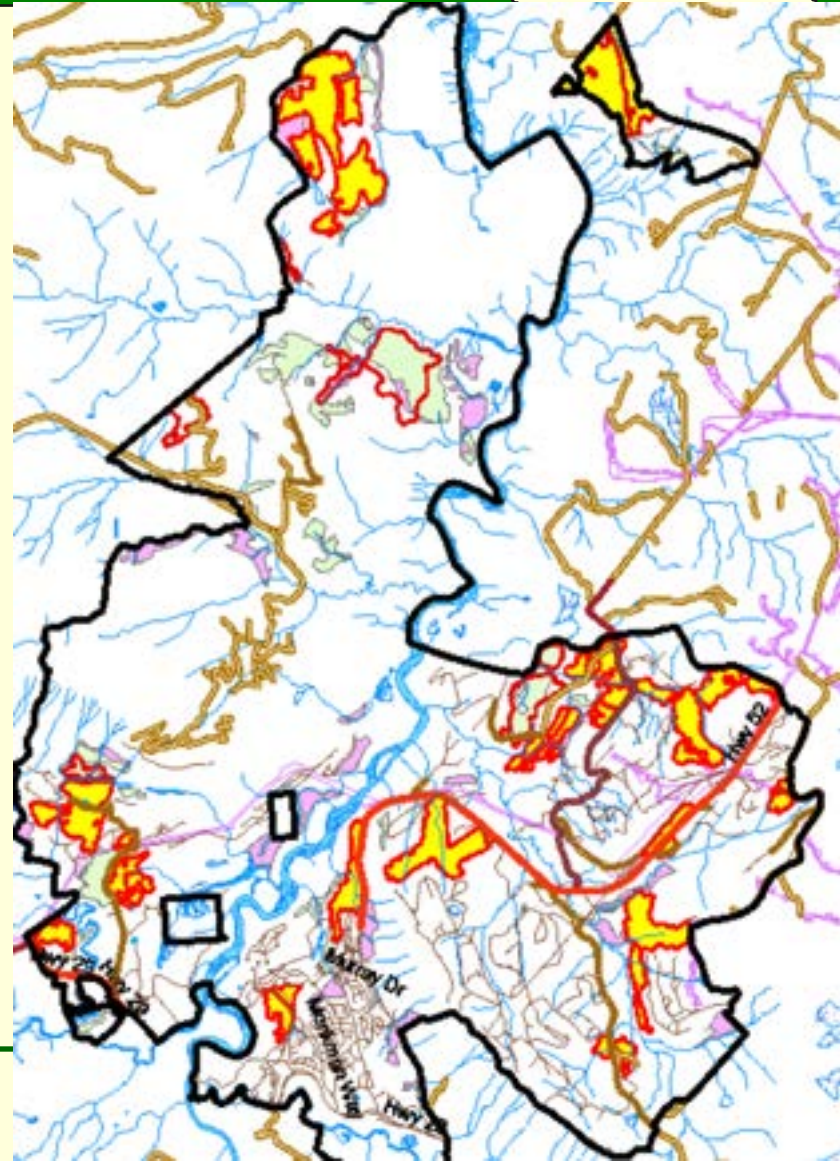
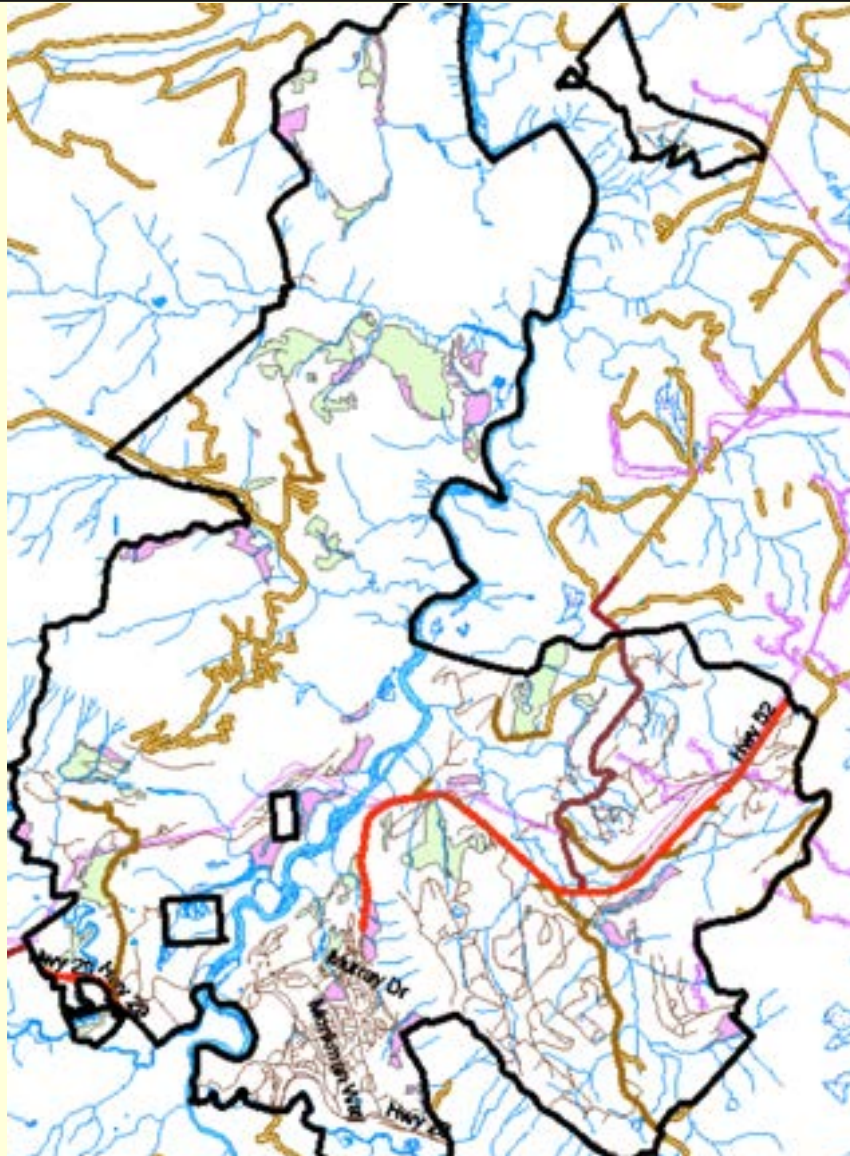
Strategic Planning

- Forest inventory
- Imagery
- Visual
- Arch
- Trappers and Guides
- Mortality theme
- Patchworks Theme
- Find timber

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Patchworks Results

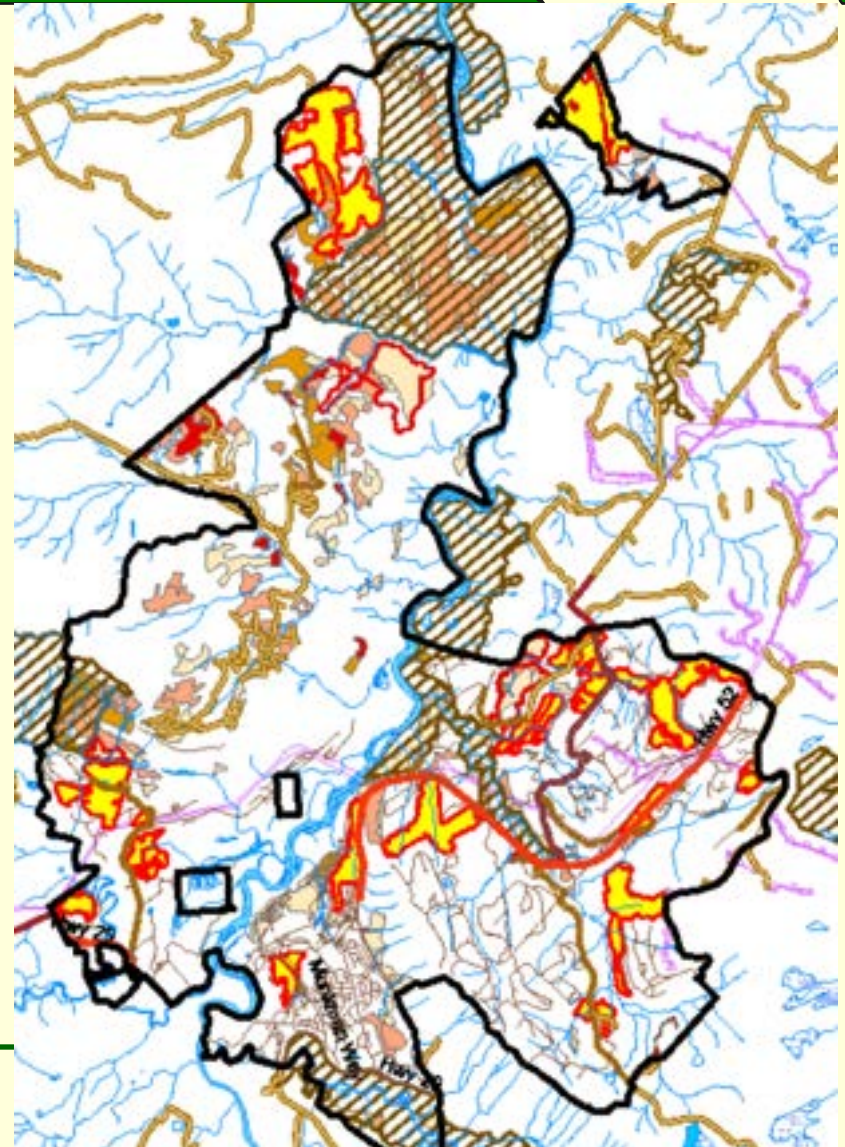
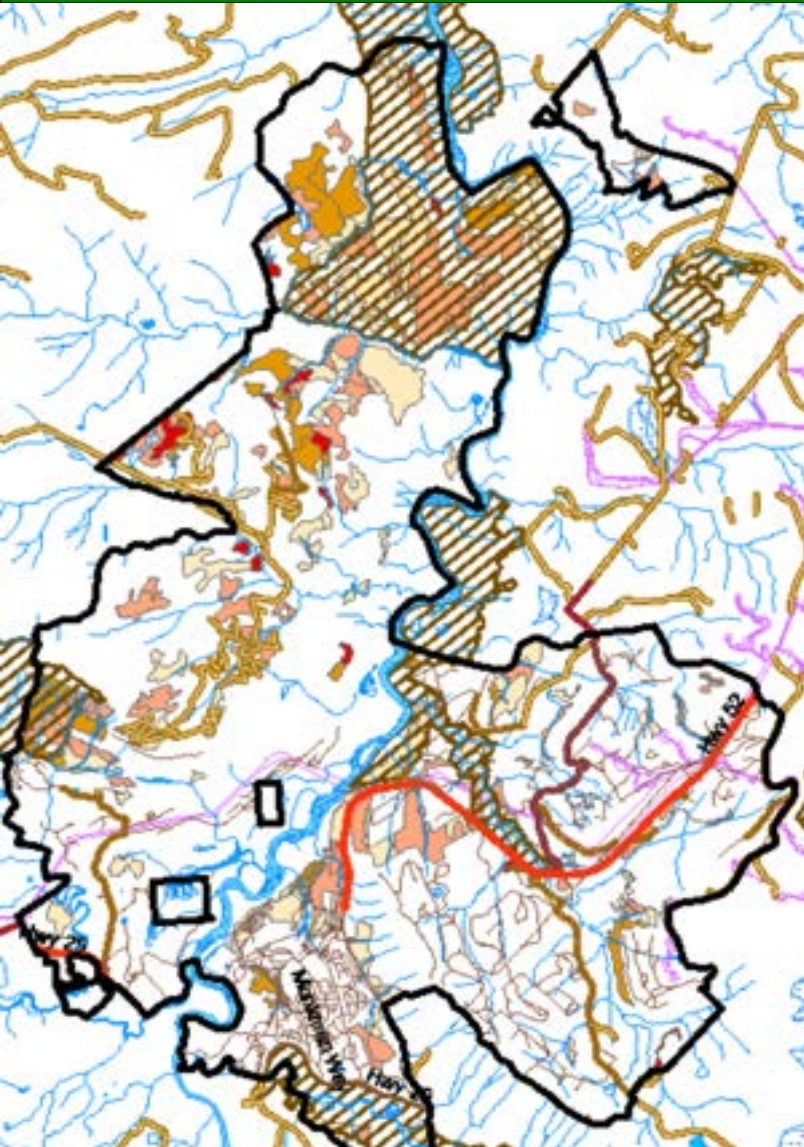
Harvest Plans



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Mortality Theme Results

Harvest Plan/Complete



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Find Timber



http://webmap.ecora.ca/tumble - X +

webmap.ecora.ca/tumbleridge2/

Search

Bookmarks Prince George Barracu... Sign in to Scotiabank... MD Management - lo... Exchange Rates - Ban... CRA login services http://webmap.ecora... lcschool.ca : Home

Tumbler Ridge Data Management Tool

Find Timber | Print

1:135,000

Results

Find Timber

Age Class >= 5

Species = PLI

Volume >= 200

Find

- ☒ Find Timber
- ☒ 201
- ☒ Poly No. 29
- ☒ Poly No. 41
- ☒ Poly No. 46
- ☒ Poly No. 76
- ☒ Poly No. 100
- ☒ Poly No. 185
- ☒ Poly No. 163
- ☒ Poly No. 238
- ☒ Poly No. 281
- ☒ Poly No. 540
- ☒ Poly No. 609
- ☒ Poly No. 599
- ☒ Poly No. 724
- ☒ Poly No. 805
- ☒ Poly No. 825
- ☒ Poly No. 1798
- ☒ Poly No. 906
- ☒ Poly No. 930
- ☒ Poly No. 947
- ☒ Poly No. 981
- ☒ Poly No. 1011
- ☒ Poly No. 975

A map of the Tumbler Ridge area showing timber stands and roads. The map is overlaid with a grid and various colored polygons representing different timber stands. The map is titled 'Find Timber' and includes a search bar and a list of results. The map is displayed at a scale of 1:135,000. The map shows a network of roads and rivers, with timber stands highlighted in various colors (yellow, orange, red, green, blue, and brown). The map is titled 'Find Timber' and includes a search bar and a list of results. The map is displayed at a scale of 1:135,000. The map shows a network of roads and rivers, with timber stands highlighted in various colors (yellow, orange, red, green, blue, and brown).

ENG 5:36 PM
US 5/26/2017

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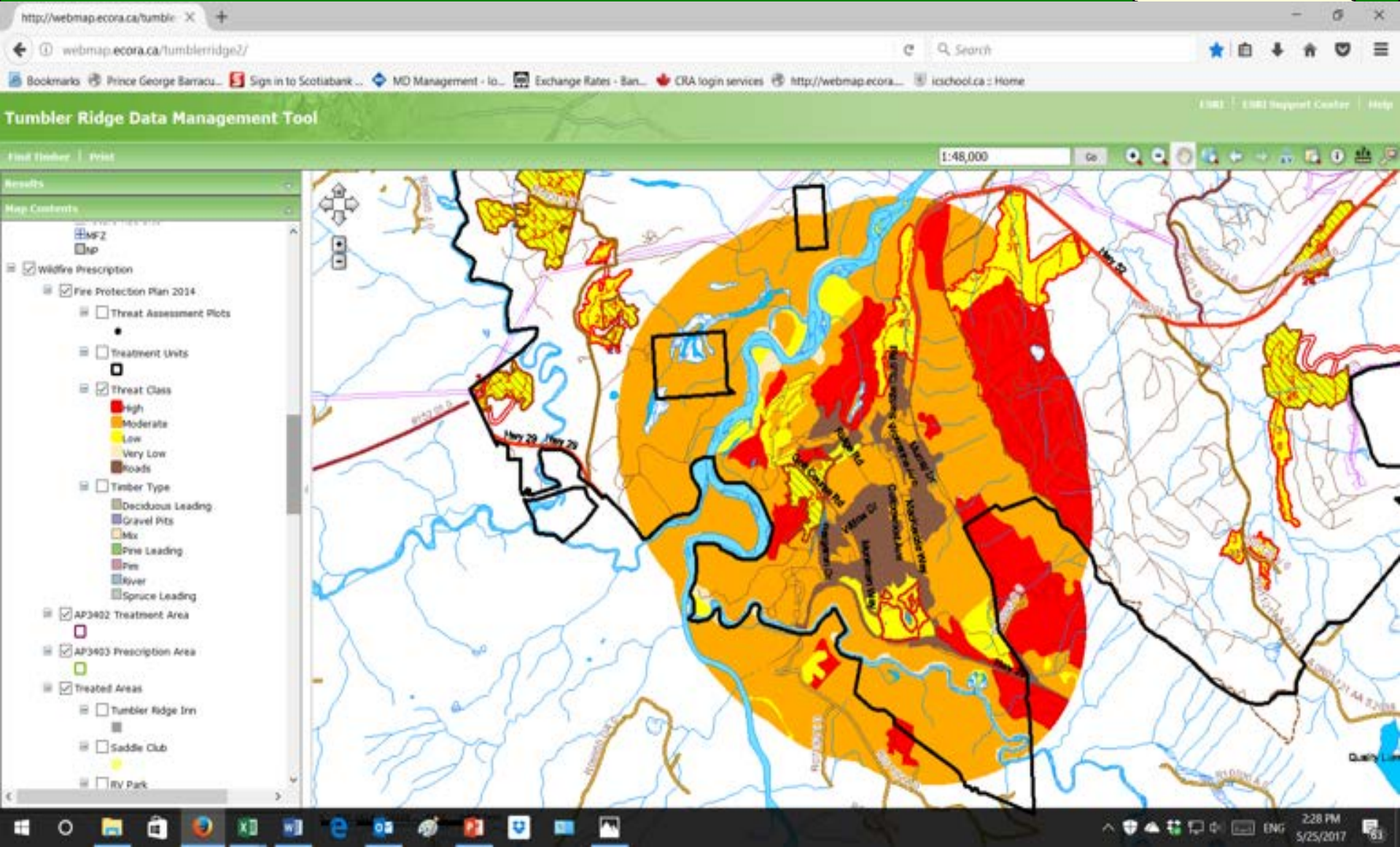


Wildfire Interface Record Management

- Community Wildfire Protection Plan
- Treatment history
- Treatment planning
- Land ownership
- Communication use map tool to provide imagery date for various communication processes

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Wildfire Interface Record Management



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Wildfire Interface Record Management - 2006-14



http://webmap.ecora.ca/tumble - X +

webmap.ecora.ca/tumbleridge2/

Search

Bookmarks Prince George Barracu... Sign in to Scotiabank... MD Management - lo... Exchange Rates - Ban... CRA login services http://webmap.ecora... lcschool.ca : Home

Tumbler Ridge Data Management Tool

Print Tumbler | Print 1:24,000

Results

Map Contents

- ☒ Town Block Data
 - ☐ Future Rec Site
 - ☐ WZ
 - ☐ BP
- ☒ Wildfire Prescription
 - ☐ Fire Protection Plan 2014
 - ☐ Threat Assessment Plots
 - ☐ Treatment Units
 - ☒ Threat Class
 - ☐ Timber Type
 - ☒ AP3482 Treatment Area
 - ☒ AP3483 Prescription Area
 - ☒ Treated Areas
 - ☐ Tumbler Ridge Inn
 - ☐ Saddle Club
 - ☐ RV Park
 - ☒ McKenzie Way
 - ☒ Dump
 - ☒ Ball Diamonds
 - ☒ Pipeline

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Social Licence



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Multi Outcomes, Horse Trails, Wildfire, and Salvage



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Ski Trails - Building Relationships



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Communicate With Maps



Tumbler Ridge Community Forest Nordic Ski Trail

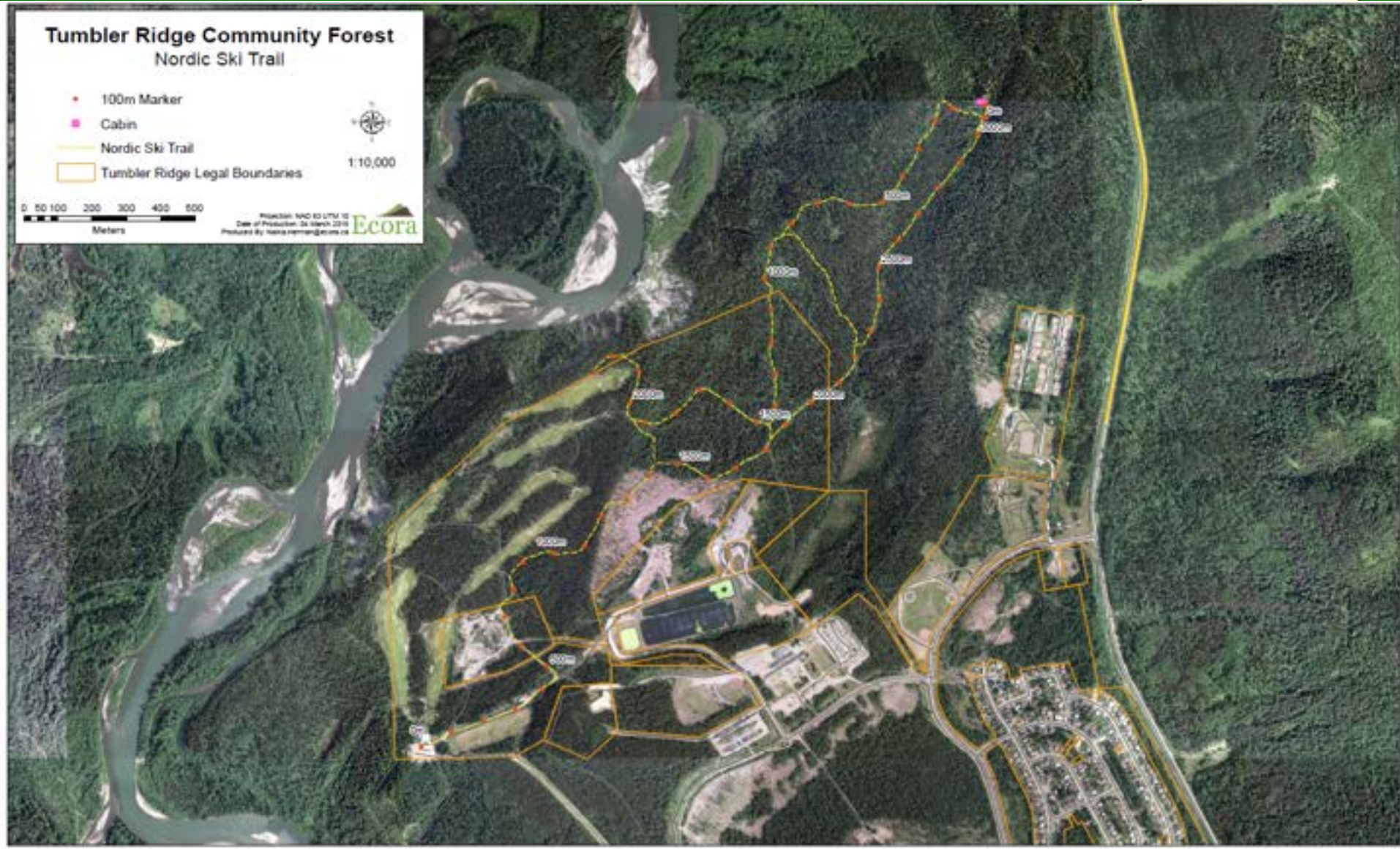
- 100m Marker
- Cabin
- Nordic Ski Trail
- Tumbler Ridge Legal Boundaries



1:10,000

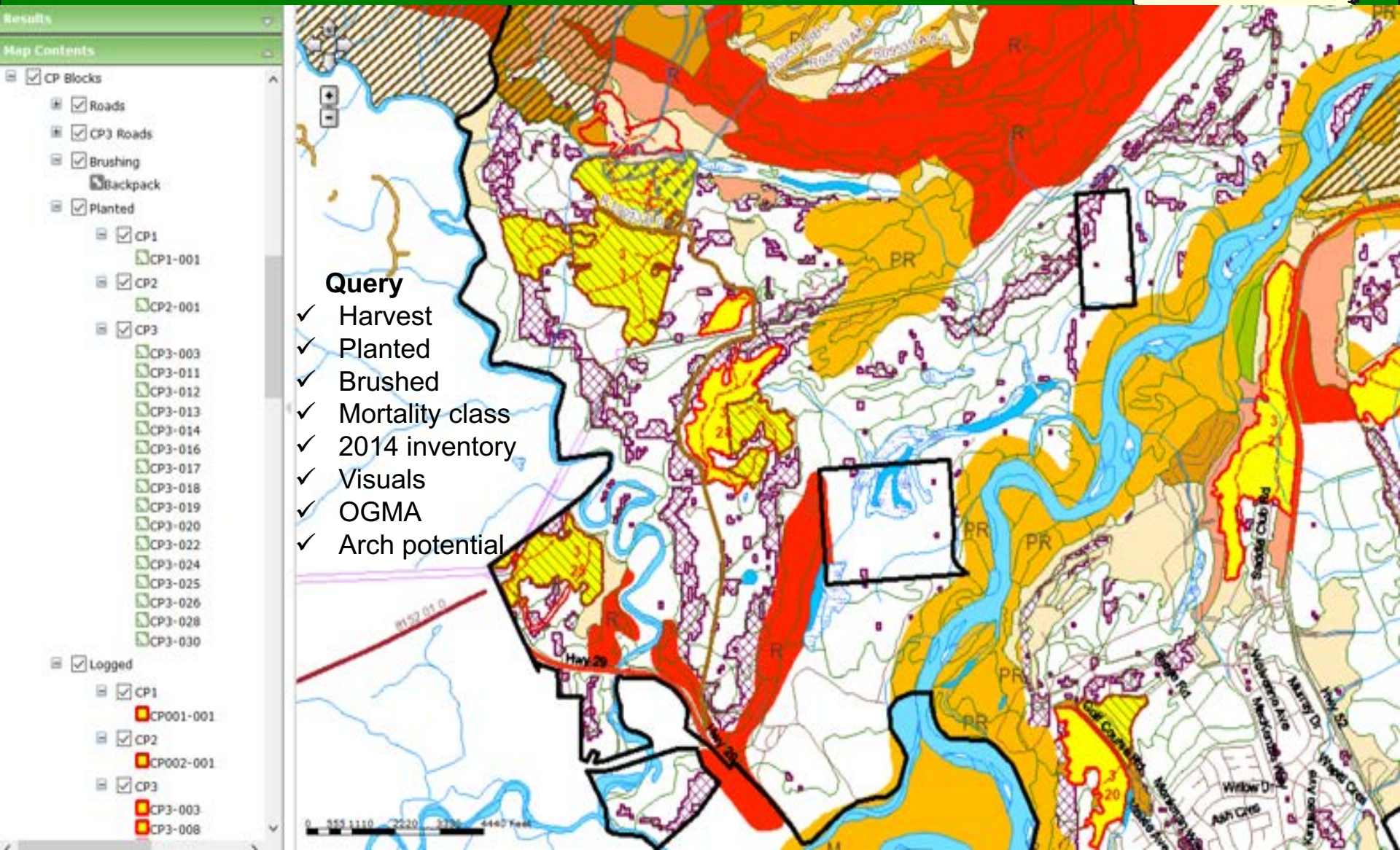
0 50 100 200 300 400 500
Meters

Projection: NAD 83 UTM 18
Date of Production: 04 March 2018
Produced by: hanna.herrmann@ecora.ca



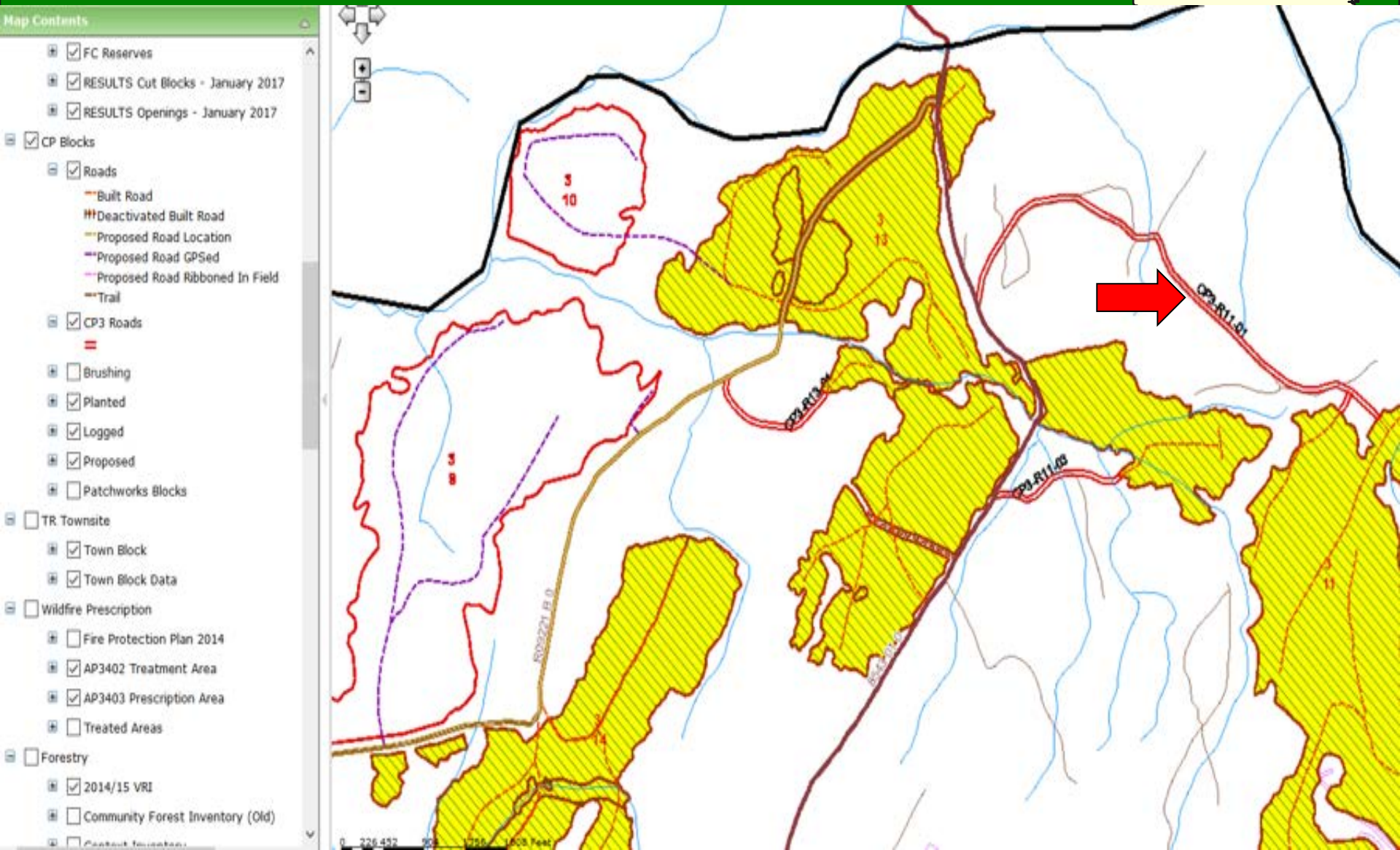
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Audits – Good Record Management



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Road Management one Cutting Permit



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Road Management one Cutting Permit



Road Ledger											
Legend											
CP3R		under this blanket permit									
11		Block accessed									
-01		Spur ID									
		CF accountability									
		CF Block roads									
CP	Block #	Road Permit	RP Owner	Road UsePermit	Road Build Date	Length	Deactivated	Action required	Last Inspection	Planned Inspection	grass seed
CP3	11	Quality FSR	District	Yes			No	None	Aug-16		
CP3	11	CP3-R11-01	TRCF	N/A	Feb-14	1.7	Yes	None	Aug-15		Y
CP3	11	CP3-R11-02	TRCF	N/A	Feb-14	0.1	Yes	None	Aug-15		Y
CP3	11	CP3-R11-03	TRCF	N/A	Feb-14	0.5	Yes	None	Aug-15		Y
CP3	11	CP3-R11-04	TRCF	N/A	Feb-14	0.1	Yes	None	Aug-15		Y
CP3	11	Block Roads	TRCF	N/A	Feb-14	5.9	Yes	None	Aug-15		Y
CP3	12	M Road	Capital Power	?			No	None	Jun-16		
CP3	12	Block Roads	TRCF	N/A	Jul-14	0.5	Yes	None	Aug-16		?
CP3	13	Quality FSR	District	?			No	None	Jun-16		
CP3	13	R09221 B	WF	Yes			No	None	Jun-16		
CP3	13	CP3R13-01	TRCF	N/A	Feb-14	0.5	Yes	None	Jul-15		Y
CP3	13	Block Roads	TRCF	N/A	Feb-14	3.4	Yes	None	Aug-15		Y
CP3	14	Quality FSR	District	?			No	None	Aug-16		
CP3	14	R09221 B	WF	Yes			No	None	Aug-16		
CP3	21	CP3R21-01	TRCF	N/A	Aug-16	0.2	No	ongoing	Sep-16	May-17	N
CP3	21	Block Roads	TRCF	N/A	Aug-16	2.2	No	ongoing	Aug-16	May-17	N
CP3	22	R-09539-AH	West Fraser	WF hauled so no RU required			No	otified WF of road conditi	Aug-16		
CP3	22	CP3R22-01	TRCF	N/A	Jun-15	0.05	Yes	None	Aug-16	May-17	?
CP3	22	CP3R22-02	TRCF	N/A	Jun-15	0.1	Yes	None	Aug-16	May-17	?
CP3	22	CP3R22-03	TRCF	N/A	Jun-15	0.3	Yes	None	Aug-16	May-17	?
CP3	22	Block Roads	TRCF	N/A	Jun-15	10.4	Yes	None	Aug-16	May-17	?
CP3	23	R01121-AA	West Fraser	Yes			No	None	Aug-16		
CP3	23	CP3R23-01	TRCF	N/A	Jan-16	0.4	Yes	None	Sep-16		N
CP3	23	Block Roads	TRCF	N/A	Jan-16	0.4	Yes	None	Sep-16		N
CP3	37	CP3R37-01	TRCF	N/A	Jan-17	0.1	Temp	Gravel	Mar-17	May-17	N
CP3	37	CP3R37-02	TRCF	N/A	Jan-17	0.1	Temp	None	Mar-17	May-17	N
CP3	37	Block Roads	TRCF	N/A	Jan-17	4.4	Temp	Decacivate	Mar-17	May-17	N
CP3	8	Block Roads	TRCF	N/A	Feb-17	1.5	Temp	Decacivate	Mar-17	May-17	N