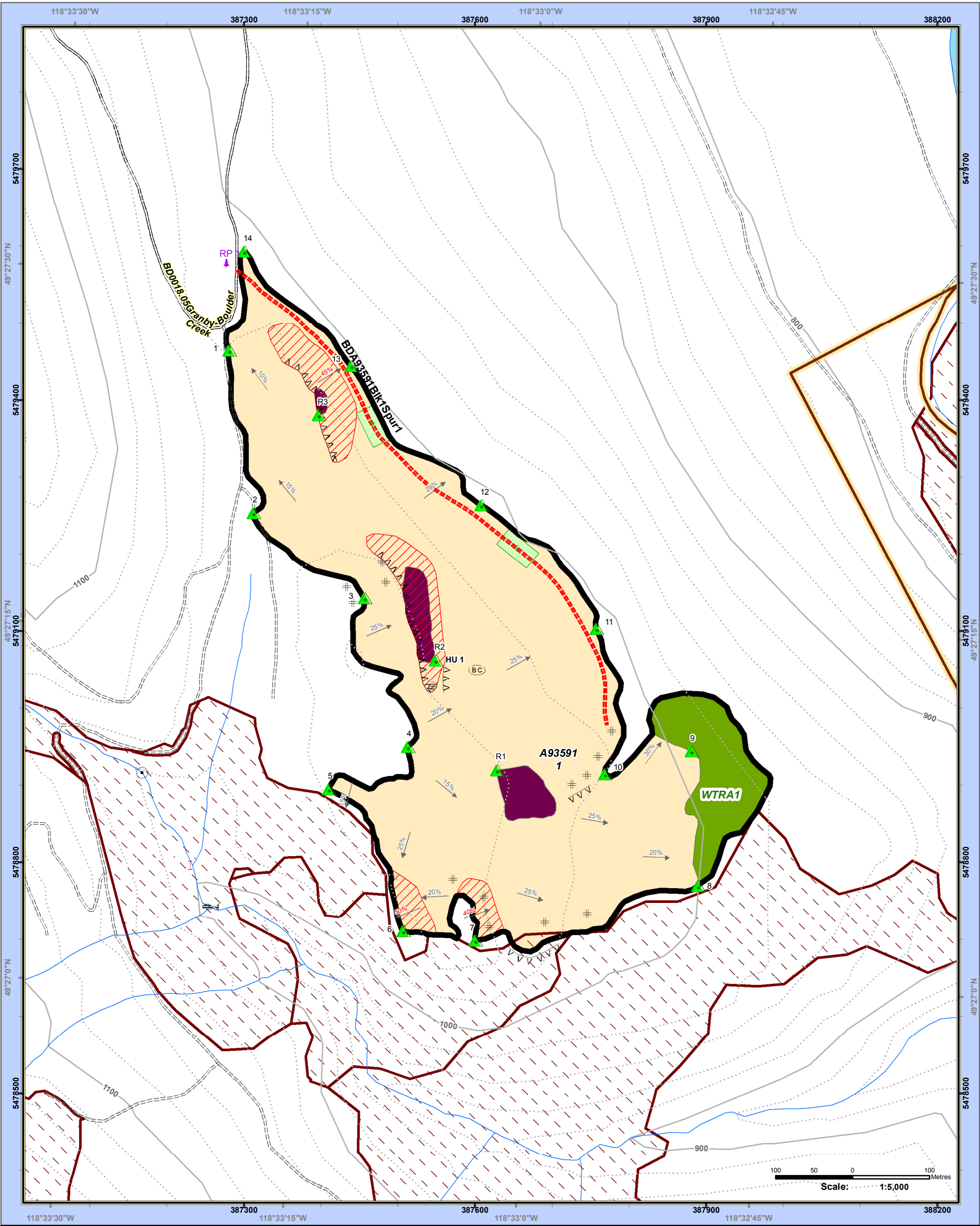




BC Timber Sales - Kootenay Business Area

HARVEST PLAN MAP

Block: 1

Generated on: 3/27/2017

TSL: A93591

Pre Number: E48-026

UBI: BF609

Generated by: HAYHURST, MICHELLE

Location: North Granby

Mapsheets: 082E048

Latitude: 49° 27' 13"

Longitude: - 118° 33' 03"

Maximum Elevation: 1040m

Minimum Elevation: 980m

Projection: UTM

Datum: NAD 83

Block Highlight

Non-productive

Reserve

WTRA, WTP

Other Blocks

OGMA

Understory Retention Area

Cultural/Heritage Features

Recreation Area

Private

Crown - No Harvest or Wetland

Lake / River

Harvest Strategies

Domestic Watershed

Special Management Zone

Machine Free Zone

Wildlife Management Zone

Riparian Management Zone

Riparian Reserve Zone

Steep Slope

Major Highways

Road

Proposed Permanent Roads

Proposed Temporary Roads

Proposed Temporary Trails

Rec, Wildlife & Tenured Trails

Existing Trails / Seismic

Cultural/Heritage Feature

Pipe Line

Rail Line

Transmission Lines

Mines or Pits

Fence Line

Stream

Intermittent Stream

20m Contour

100m Contour

Harvest Method

Cable

Ground

Cable/Ground

Skyline

Slope Arrow

Deflection Line

Potential Skid/Yarding Direction

Slide

Seepage

Ridge

Embankment, Cliff

Gully, Draw

Slope Break

Existing Permanent Landing

Existing Temporary Landing

Proposed Permanent Landing

Proposed Temporary Landing

Existing Bridge

Existing Arch Pipe

Existing Culvert in Cengea

Proposed Culvert in Cengea

Culvert not in Cengea

Designated Skid Crossing

Existing Cattle Guard

Existing Gate

Existing Access Control

Tower Setting

Falling Corner

Rock Outcrop

Slump Area

Reference Tree

Culturally Modified Tree

Archaeological Feature

Active GY Plots

Inactive GY Plots

Reach Breaks

Wildlife Feature

Cabin

Mine Shaft

Pipeline Crossing

Harvest Plan Area Summary (ha)

Harvest Unit	Method	Area	Strategy
1	Ground	22.9	No Special Conditions

1.5 RIPARIAN ASSESSMENT						
Block	Riparian I.D. and Class	RMA	SU	Width (m)	BA or SPH Retained	Comments (Indicate if in a Community Watershed)
1	-	-	1	-	-	No streams
Management Strategies:						
No internal streams, one S6 runs adjacent outside the SE corner of the block, no RMZ, stream is >20m from harvest boundary.						

Safety Highlights:

- Snags scattered throughout the block.
- Slopes >35% are scattered throughout the block and specialized steep slope equipment or harvest methods may be required.
- Steep slope breaks at Reserve 2 (FC R2) and Reserve 3 (FC R3) (see map).

Leave Tree Specifications:

- SU 1
- Layer 1 trees: Retain, where available, all live conifers >/= 52.5 cm dbh
 - Retain all Py and deciduous
 - Layer 2, 3 and 4 trees:
Reserve where practicable, small patches of saplings and non-merchantable poles that exhibit good form and vigor.

Harvest / Operational Constraints:

- Limit machine use on slopes as per WorkSafe BC OHS regulation Part 26-16 (slope limitations). This map shows areas of the block with slopes >35%.

COURSE WOODY DEBRIS MANAGEMENT STRATEGY INFORMATION

- Large snags, >35cm may be stubbed and left on site for CWD. Retain existing CWD that is already on the ground prior to harvest. Avoid placing large CWD in slash piles. Trees felled in WTRA's for safety concerns are to be left.

Kootenay Business Area Field Marking Standards

	Ribbon	Paint
Harvest Boundary	BCTS Block Boundary	FC#
Falling Corners		
WTRA Boundary	Reserve	
Reserve Boundary	Reserve	
Riparian Reserve Zone	Reserve	
Riparian Management Zone	Riparian Mgmt. Zone	
Management Zone	Management Zone	
Treatment Unit Boundary	Treatment Unit Boundary	
Reserve Trees		
Machine Free Zone	//// Machine Free Zone ////	
Cruising	Cruise Line	Plot Trees
Traverse Stations		
SP Plot Location		

	Ribbon	Paint
NCD & Stream Centers	Water Course	
Road P-Line		
Road Center Line	Road Centerline	
Landings	Landing	
Road Right of Way	R/W Boundary	
Road RP		
Culverts	Culvert	
Designated Crossing	Crossing	
Culvert RP Outside Right of Way		
Tail Holds / Guyline / Intermediate Supports		
Skid Trail / Back Spar Trail / Forwarding Trail	///// Trail /////	
Recce Ribbon / D-Line / Skyline Roads	//////////	

I certify that the work described herein fulfills standards expected of a member of the Association of British Columbia Forest Professionals, and that I did personally supervise the work.

Michael Drinkwater

RPF PRINTED NAME

March 6, 2017

DATE SIGNED

RPF'S SIGNATURE and SEAL



Signature of Michael Drinkwater