



 BCTS All Blocks
 Block of Interest
 BCTS RG Block
 BCTS FG Block

BCTS GPS Stations

-  GPS Station
-  Block Body Hub
-  Falling Corners
-  Reference Trees

BCTS Layout Points

-  Block Centre
-  Woody Debris
-  Slump/Slide Area
-  Stub Tree
-  Tower Settings
-  Fish Barrier
-  Reach Breaks
-  Road Barrier
-  Rock Outcrops
-  Gate
-  Cattle Guard
-  Pipeline Crossing

	Prop Skid Bridge
	Prop Skid Crossing
	Existing Culvert
	Proposed Culvert
	Drain Culvert
	Snow Fill
	Bridge
	Cave/ Den
	Mineral Lick
	Nest
	Wildlife Tree
	Wildlife Feature
	Mine Addit

BCTS Line Features

	Cat Trail
	Bladed Skid Trail
	Forwarding Trail
	Deflection Line
	PP Temp Skid Trail
	Non-Bladed Skid Trail
	Skid Trail
	Other Trail
	Pipe Line
	Cultural/Heritage
	Rec Trail
	Fence Line

Legend:

- Cliff
- Draw
- Embankment
- Gully
- Ridge
- Seepage
- Slide
- Slope Break
- Rest Side Decking
- Stubbed Boundary
- Road Permit
- Skid/Yarding Direction
- Wildlife Trail

TRIM Features

- River/Stream-Def
- River/Stream-Index
- Contour - Index
- Contour - Intermediate
- Road Permit
- Forest Service Road
- Highway/Main/Paved Road
- Gravel/Resource Road
- Trail
- Snow Shed (Railway)
- Tunnel
- Bridge
- Airstrip
- Rail Line
- Pipeline / Wellsite

	Proposed Temporary Landing
	Area of Concern
	Slope Area (>35%)
	SAR Cliff
	SAR Forested
	SAR Rare Ecosystems
	Special Mgmt Area
	Special Forest Mgmt Area
	Biodiversity, Mining and Tourism Area
	Private Land
	Conservancy Areas
	Protected Areas / Parks
	Tailing Pond
	Lake/Watercourse
	Marsh
	Swamp

BCTS Roads

-  Deactivated Road
-  Existing Road
-  Proposed Permanent Road
-  Proposed Temporary Road

Riparian Features

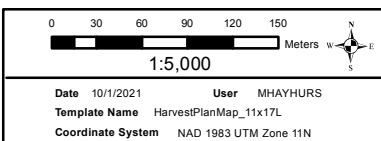
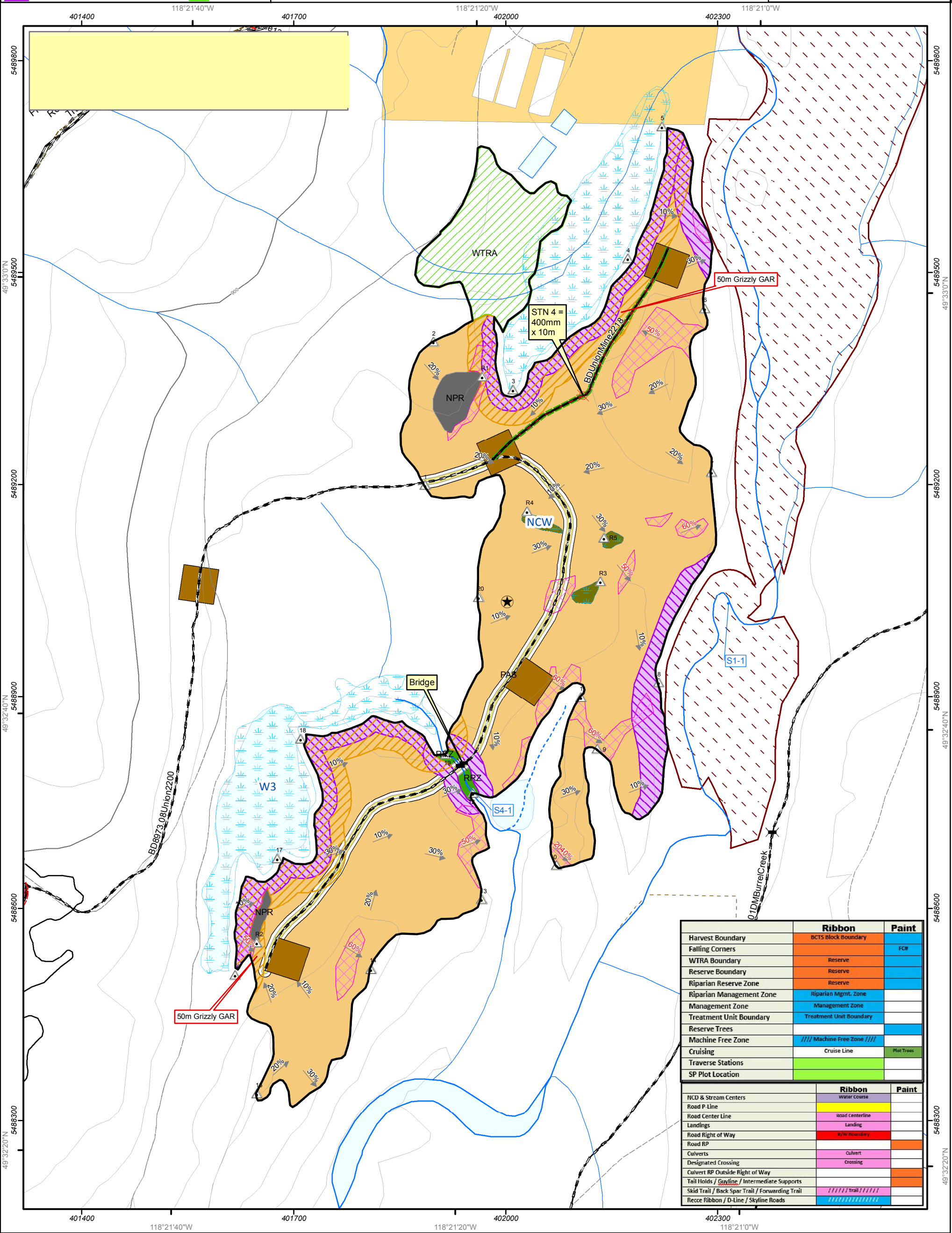
-  MFZ / MSZ
-  RMZ
-  RRZ

BCTS Streams Class

-  Unknown
-  INT, NCD, NVC
-  S1, S2, S3, S4
-  S5, S6

BCTS Cruise Features

-  Slope



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)
3	S1 (Burrell Creek)	RRZ	1	50	680 (100%)	Riparian reserve zone, 100% retention, no harvesting. The stream is >50m from the block boundary.
3	S1 (Burrell Creek)	RMZ	1	20	340 (50%)	Retention strategy for all RMZs will be 340 SPH (50% of 640 SPH). The strategy is to retain 50% of all stems of all species in all diameter classes. Retain all non-merchantable stems where there is no conflict with harvesting activities.
3	W3	RMZ	1	30/50	340 (50%)	There is a 30m RMZ and a Girzzly GAR order 50m RMZ. Retention strategy for all RMZs will be 340 SPH (50% of 640 SPH). The strategy is to retain 50% of all stems of all species in all diameter classes. Retain all non-merchantable stems where there is no conflict with harvesting activities.
3	S4	RRZ	1	10	680 (100%)	Riparian reserve zone, 100% retention, no harvesting.
3	S4	RMZ	1	30	340 (50%)	Retention strategy for all RMZs will be 340 SPH (50% of 640 SPH). The strategy is to retain 50% of all stems of all species in all diameter classes. Retain all non-merchantable stems where there is no conflict with harvesting activities.
Management Strategies:						
There is one S1 outside of the eastern block boundary (portions of the 20m RMZ falls within the block). Two S4 streams one of which is in the southern portion of the block (30m RMZ falls within the block and a W3 wetland); the second S4 stream is outside of the block boundary in the northwest corner (RMZ falls within a W3 wetland). Two W3 wetlands outside of the block boundary, one is along the southwest and the second is along the northwest (the 30m RMZ's fall within the block). Retention strategy for all RMZs will be 340 SPH (50% of 640 SPH). The strategy is to retain 50% of all stems of all species in all diameter classes. Retain all non-merchantable stems where there is no conflict with harvesting activities.						

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.

Leave Tree Specifications:

- SU 1
- Layer 1 trees: Retain, where available, all live conifers >/= 52.5 cm dbh
 - Retain all PyPw 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	
Falling Corners		FC#
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.

Jeff Reyden

RPF PRINTED NAME

March 16, 2017

DATE SIGNED

RPF’S SIGNATURE and



SEAL