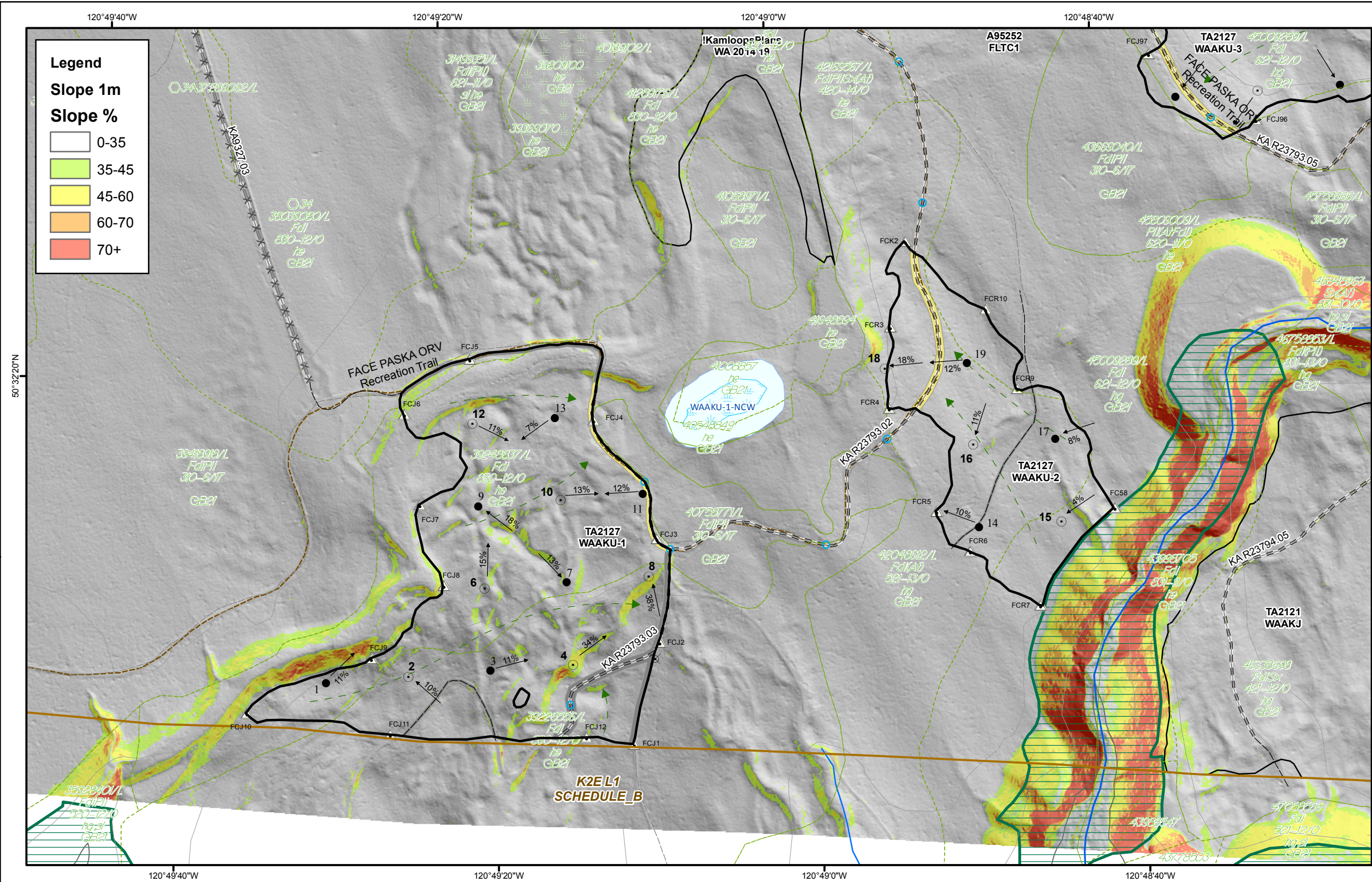




**BCTS**
BC Timber Sales

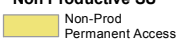
Harvest Plan Map

Map 1 of 2

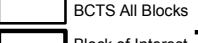
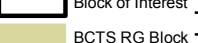
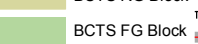
TSL TA2127	Block ID WAAKU Patch 1 & 2
Business Area Kamloops	UBI BEAKU
Operating Area Ware Lake (KA)	Location Gottan Lake
Management Unit Kamloops	FIZ D
Gross Block Area (ha) 94.60	Geographic Center Latitude 50 32 38 Longitude -120 48 34

Unit	Area	Season	Method	Strategy
1	82.04	Any Season	Ground	Standard Practice

Harvest Unit ID
 Ground

Non Productive SU
 Non-Prod Permanent Access
 Non-Prod Unnatural

BCTS Cruise Features
 Dropped Plot
 Count Plot
 Measure Plot
 PoT / PoC
 Photo Tie point
 Slope Arrow

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

BCTS GPS Stations
 GPS Station
 Block Bdy Hub
 Falling Corners
 Reference Trees

BCTS Layout Points
 Woody Debris
 Landing Cable
 Landing Ground
 RW Landing
 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
 Major Culvert
 Minor Culvert
 Drain Culvert
 Snow Fill
 Bridge
 Cave/ Den
 Mineral Lick
 Nest
 Wildlife Tree
 Wildlife Feature

BCTS Line Features
 Cat Trail
 Back Spar Trail
 Bladed Skid Trail
 Forwarding Trail
 Deflection Line
 PP Temp Skid Trail
 Non-Bladed Skid Trail
 Skid Trail
 Other Trail
 Pipe Line
 Seismic Line
 Cultural/Heritage
 Rec Trail
 Fence Line
 Cliff
 Draw
 Embankment
 Gully
 Ridge
 Seepage
 Slide
 Slope Break
 Rest Side Decking
 Stubbed Boundary
 Road Permit
 Skid/Yarding Direction
 Wildlife Trail

BCTS Layout Polygons
 Existing Permanent Landing
 Existing Temporary Landing
 Proposed Permanent Landing
 Proposed Temporary Landing

TRIM Features
 River/Stream-Def
 River/Stream-Indef
 Contour - Index
 Contour - Intermediate
 Road Permit
 Forest Service Road
 Highway/Main/Paved Road
 Gravel/Resource Road
 Trail
 Snow Shed (Railway)
 Bridge
 Rail Line
 OGMA

Riparian Features
 Cross Ditch
 Arch Pipe
 Arch Pipe, Proposed
 Culvert
 Culvert, Proposed
 Bridge, Proposed
 Bridge, Condemned
 Removed Structures

BCTS Roads - Road State
 Deactivated Road
 Existing Road
 Proposed Road
 Unknown/NULL

Riparian Features
 MFZ / MSZ
 CRMZ
 RRZ

BCTS Streams Class
 Unknown
 INT;NCD
 S1;S2;S3;S4
 S5;S6

WORKER ALERTS

Safety Concerns:
N/A

Leave Tree Specifications:
CCRES - RESERVE TREES TO LEAVE All reserve trees must be live and free from insect. Reserve trees are expected to be unevenly distributed across the net area to reforest. Reserve all deciduous trees. Reserve all live trees. Reserve trees must be selected so that the post-harvest stand of timber is windfirm. Reserve all live understorey trees with these characteristics: poles having >50% live crown, all saplings, and all regens). The preference for retained understorey is for trees to be left in groups/clumps. Individual trees may be felled for safety reasons if doing so will not compromise the leave tree objectives. If an individual tree is felled for safety, the TSL holder must provide rationale through a danger tree assessment as to why the target tree was removed. STUBBING: Establish stub trees every 5-10m (where possible) at 3-5m in height to facilitate locating the following features during harvest and post harvest: Machine Free Zones including culturally sensitive areas marked with MFZ ribbon.

Access Instructions

From Kamloops, head South along Hwy 1/Hwy 5 and take the exit 336 onto Hwy 97D towards Logan Lake. Travel along Hwy 97D for 25.6 km and turn right onto Tunkwa Lake Rd. Continue North for 11 Km and turn right onto Ware Creek FSR (RR#17). Head south east along Ware Creek FSR (KA9327.01) for approximately 4.9 km (Keeping right at 1.9 Km) and turn right onto KA9327.07.
Patch 1: Follow for 800 meters and turn right onto KA 23793.02. Follow for an additional 1.0 Km to block boundary.
Patch 2: Follow for 800 meters and turn right onto KA 23793.02. Follow for an additional 400 meters to block boundary.
Patch 3: Follow for 900 m before reaching block boundary.

Riparian Features:

ID	Class	Comments
WAAKU-1	S3	Stream lies greater than 30m outside the northeastern block boundary. Any portion of the block that overlaps the riparian management area will be managed per SU1
WAAKU-1	W3	The block boundary lies a minimum of 60m from this wetland. Portions of the RMZ that lie within the proposed harvest area will be managed as per SU1

Ribbon Standards:

Treatment/Use	Ribbon Description/Color
Cutblock Boundary (winter grade ribbon)	
NTU or No Harvest Areas	"NO HARVEST ZONE"
Riparian No Harvest Zone	"RIPARIAN RESERVE ZONE"
Riparian Management Zone	"RIPARIAN MGMT ZONE"
No Harvesting Equipment	"MACHINE FREE ZONE"
Different treatments within block	"TREATMENT UNIT Bdy"
Individual Wildlife Trees, WTPs, or wildlife stub trees	"WILDLIFE"
Deflection Lines	
Culturally Modified Trees	"C.M.T"
Non Classified Drainages	"NCD"
Road R/W	"ROAD RIGHT OF WAY"
Road Centreline	"FOREST SERVICE ROAD"
Bladed trails or skid roads	"SKID TRAIL"
Cruise Plots	
Cruise Lines	

Scale
0 50 100 150 200 250 Meters
1:5,000

Date 2023-03-21 **User** BOREAD
Template Name HarvestPlanMap_11x17L
Coordinate System NAD 1983 BC Environment Albers