



OPERATING AREA			Salm on Beach		METHOD		HA	VOLUME
					HOE CHUCK (5% RET)		29.1	0
m ³ /ha	ENG				GRAPPLE (% RET)			0
	CRUISE				HELI (5% RET)			0
HAUL	UCLU	BATO			HARVEST AREA		29.1	0
Km.	16.2	14.1			R/W REMOVED		0.0	
SCALE:	1:5,000				TLA		0.5	
FIELD WORK	COPPER				ROAD PERMIT R/W		4.5	0
DATE	Oct-17				DISPERSED RETENTION (5%)		29.1	0
CHECKED	DRF							
DATE	2017				GROSS AREA		34.1	0



Barkley Community Forest

Harvest Plan Map



Cutblock: SB11

Mapsheets: 92C.093

Albers: 1041811 // 440577

Lat/Long: 48°59'14" N // 125°25'33" W

Tenure: K3S

Hammer: K3S/006

Cutting Permit: 6

Revision Date: February 16, 2018

COPPER CANYON CONSULTING
Forest Engineering & Project Management

MAP LEGEND

Harvest Activities

- Falling Boundary
- Yarding Direction
- Hoe Chuck
- Grapple
- Heli
- Heli Drop Zone
- Reserve
- Retention Patch
- CMT Reserve
- WTRA
- Focus Retention
- Adjacent Blocks

Road Features

- Rock Quarry
- Spoil Site
- End Haul Section
- Other Roads
- Built Road
- Construction
- Reconstruction
- Road R/W
- Road Station

Culverts

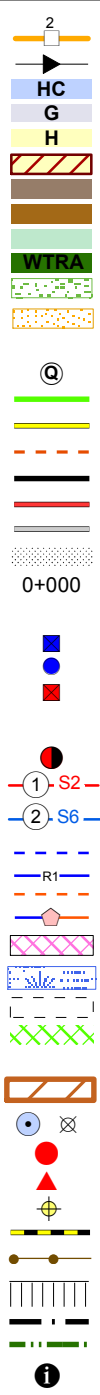
- WBC
- CMP
- Bridge

Riparian Management

- Designated Stream Crossing
- Fish Streams (S1-S4)
- Non Fish streams (S5, S6)
- Non Classified Drainage
- Reach Number
- FSZ Stream
- Reach Break/Fish Barrier
- Fish Sensitive Zone
- Wetland
- RMA
- RRZ

Other

- OGMA
- Cruise Plot (In/Out)
- CMT Stump
- CMT Bark Stripped
- Legal Pin
- Legal Line
- Hoe/Backspar Trail
- Rock Bluff
- SU Type Line
- Cruise Type Line
- Falling Hazard



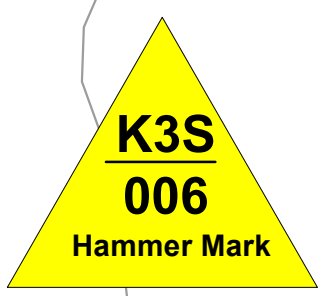
Rainfall Shutdown Guidelines

Operations must cease in this area when rainfall amounts reach the following levels.

- 75mm during a single shift or 12 hour period.
- 100mm of accumulated rainfall in a 24 hour period.
- 50mm may be deducted per 24 hour period for drainage.

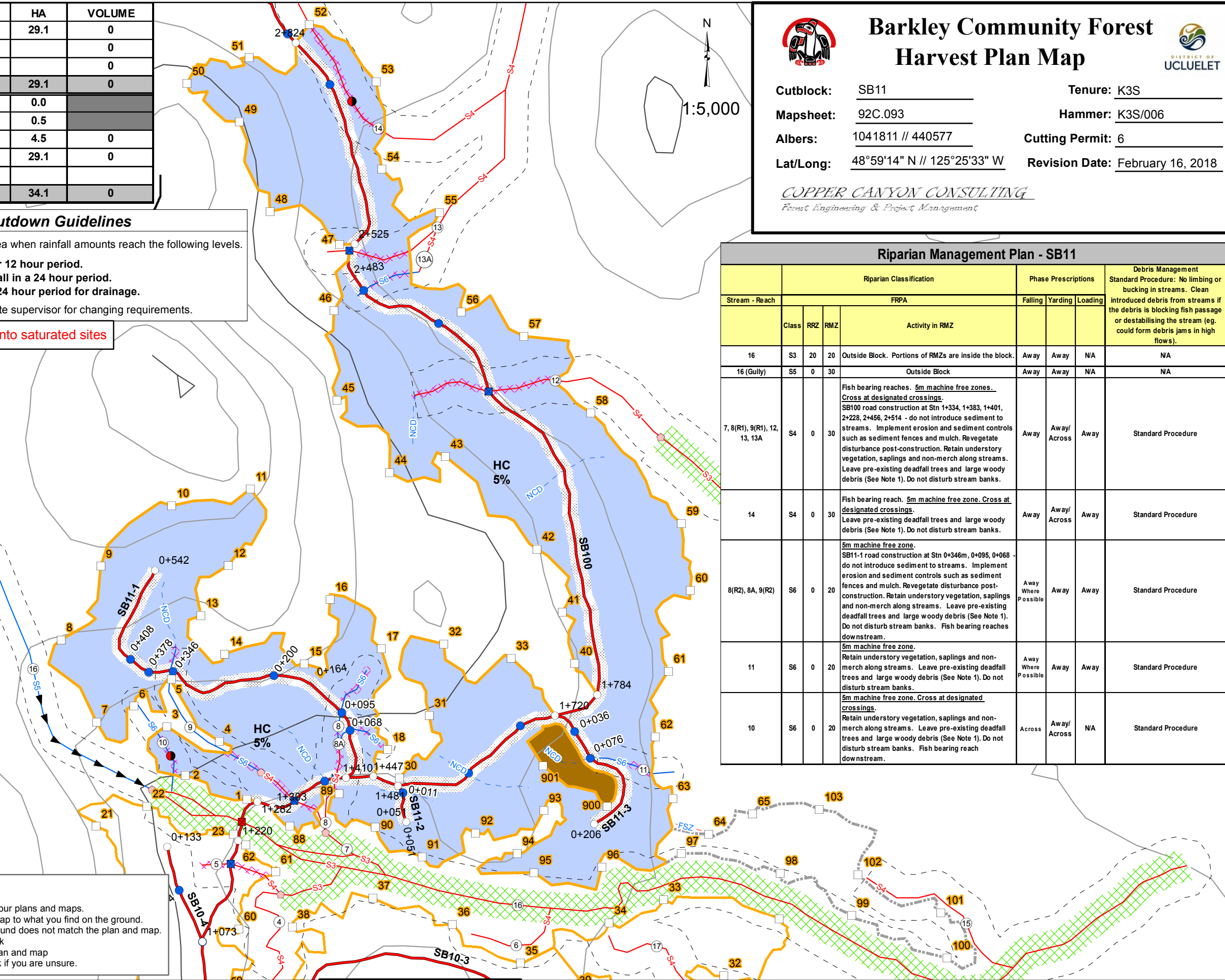
Take specific direction from the site supervisor for changing requirements.

Avoid ground-based traffic into saturated sites



Following the Plan

STEP 1: Always read and understand your plans and maps.
 STEP 2: Always match your plan and map to what you find on the ground. Stop and ask if what you find on the ground does not match the plan and map.
 STEP 3: Check that you can do the work. Stop and ask if you cannot follow the plan and map.
 STEP 4: Know your responsibilities. Ask if you are unsure.



Riparian Management Plan - SB11								
Stream - Reach	Riparian Classification			Activity in RMZ	Phase Prescriptions			Debris Management Standard Procedure: No limbing or bucking in streams. Clean introduced debris from streams if the debris is blocking fish passage or destabilising the stream (eg. could form debris jams in high flows).
	Class	RRZ	RMZ		Falling	Yarding	Loading	
16	S3	20	20	Outside Block. Portions of RMZs are inside the block.	Away	Away	NA	NA
16 (Gully)	S5	0	30	Outside Block	Away	Away	NA	NA
7, 8(R1), 9(R1), 12, 13, 13A	S4	0	30	Fish bearing reaches. 5m machine free zones. Cross at designated crossings. SB100 road construction at Stn 1+334, 1+383, 1+401, 2+228, 2+456, 2+514 - do not introduce sediment to streams. Implement erosion and sediment controls such as sediment fences and mulch. Revegetate disturbance post-construction. Retain understory vegetation, saplings and non-merch along streams. Leave pre-existing deadfall trees and large woody debris (See Note 1). Do not disturb stream banks.	Away	Away/Across	Away	Standard Procedure
14	S4	0	30	Fish bearing reach. 5m machine free zone. Cross at designated crossings. Leave pre-existing deadfall trees and large woody debris (See Note 1). Do not disturb stream banks.	Away	Away/Across	Away	Standard Procedure
8(R2), 8A, 9(R2)	S6	0	20	5m machine free zone. SB11-1 road construction at Stn 0+346m, 0+095, 0+068 - do not introduce sediment to streams. Implement erosion and sediment controls such as sediment fences and mulch. Revegetate disturbance post-construction. Retain understory vegetation, saplings and non-merch along streams. Leave pre-existing deadfall trees and large woody debris (See Note 1). Do not disturb stream banks. Fish bearing reaches downstream.	Away Where Possible	Away	Away	Standard Procedure
11	S6	0	20	5m machine free zone. Retain understory vegetation, saplings and non-merch along streams. Leave pre-existing deadfall trees and large woody debris (See Note 1). Do not disturb stream banks.	Away Where Possible	Away	Away	Standard Procedure
10	S6	0	20	5m machine free zone. Cross at designated crossings. Retain understory vegetation, saplings and non-merch along streams. Leave pre-existing deadfall trees and large woody debris (See Note 1). Do not disturb stream banks. Fish bearing reach downstream.	Across	Away/Across	NA	Standard Procedure

Harvest Plan Map

Geographic Midpoint:
48°59'14" North
125°25'33" West

SB11