

SITE INFORMATION

Site Identifier : CA3LB3 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.1411X **Address :**
Region : NS **Address2 :**
Trib to : Cascade R **City :**
River Mile : 9.00 **State :**
River System : Cascade R **Zipcode :**
Legal Description : SW1/4S8T35NR12E **Phone :**
County : Skagit
Habitat Type : beaver pond

Directions :

From the Marblemount bridge, head up the Cascade River Road for approximately 8.4 miles to the Marble Creek Campground Road on the right. Follow this road to the river and the first campground. Cross the river and hike downriver for approximately 0.2 miles to the site.

Area Overview :

This site has a 2600 square meter beaver pond and a small swampy area above it that is all formed along the wall base. It has good juvenile coho use and a 4 square meter patch of spawning gravel that could be used by a couple of adults.

Field Survey Information

Date : 03/18/1998 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.1
Upper end: None

Water Temperature(C): Lower end: 5.3
Upper end: 5.3

Receiving Water Temperature (C): 5

Other Observations:

Site Area Measurements: Indirect Direct Combination
 Widths: Channel: 2m Ponds: 25m Wetlands:
 Depths: Channel: 10cm Ponds: 1m Wetlands:
 Total length (includes ponds and wetlands): 356m

Total existing habitat area (est. m2): 3457

Spawning area:	Mainstem: 4	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 3453	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Consists of 2" to 4" gravel that is mostly flat, there is good brushy cover present but the water depth appears marginal.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The lower 84m of the site is mostly riff, shallow and 1m wide. Above this point is a 100m long by 25m wide beaver pond that has a mucky substrate, a fair amount of woody debris in it and plenty of aquatic vegetation present. Above the pond is a 1m wide channel that drains a small swampy area formed at the wall base. The substrate is very mucky and the water is only 3" deep. Some of the vegetation found at this site: horse tail, rush, sedges, canary grass, water parsley, milfoil, duckweed, water lily and skunk cabbage.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The first 40m of the site appears to get flooded regularly but above the beaver dam, it would take an extreme event to flood the upper end.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Pool present at entry.

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: There were many coho juveniles observed and site can be accessed by adults also but, no redds or adults were observed.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Some trout were observed.

ENHANCEMENT OPPORTUNITIES: None

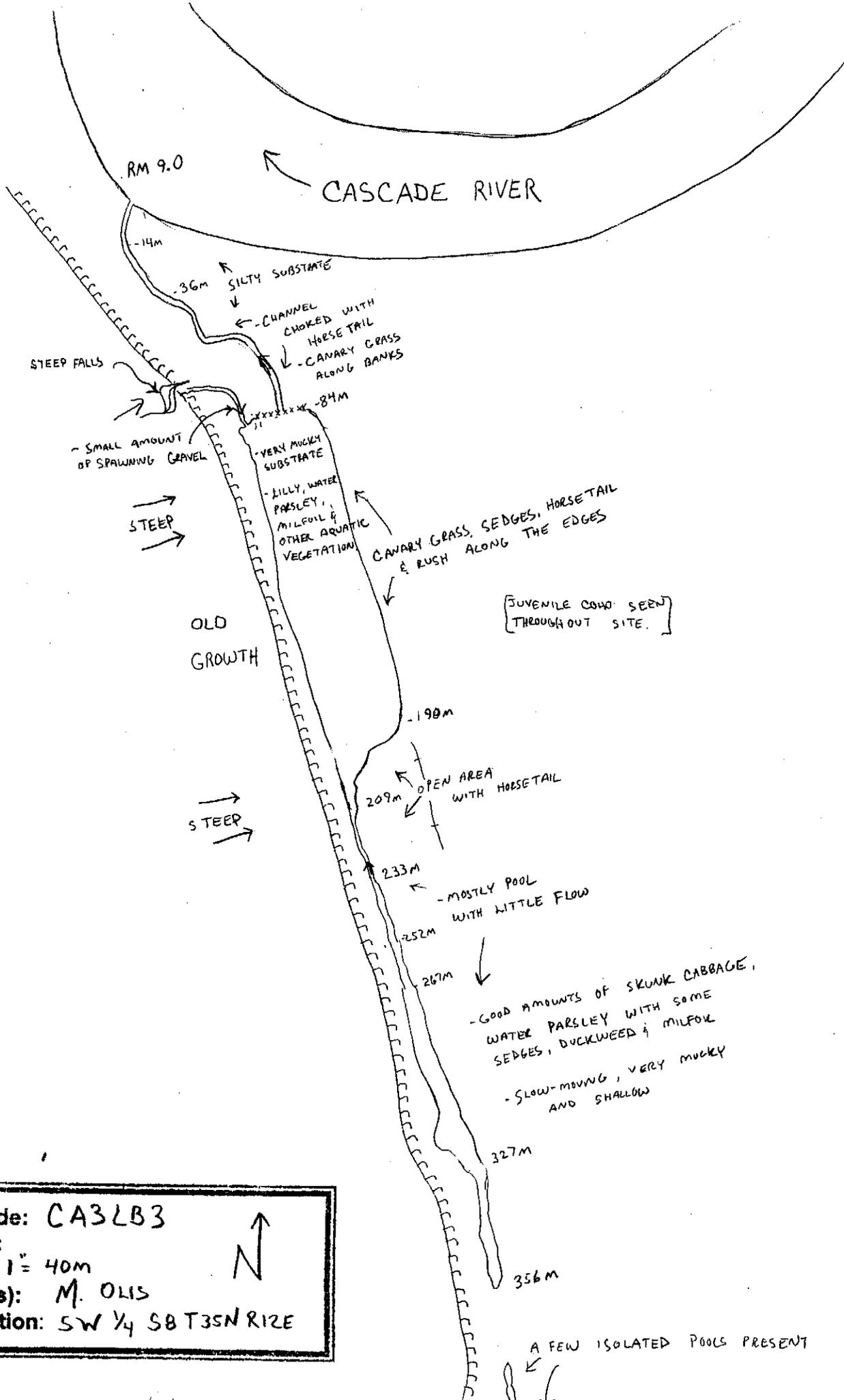
Project type:

Equipment access:

ADDITIONAL COMMENTS: The first half of the site is privately owned while the upper half is in the Mount Baker-Snoqualmie National Forest.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: CA3LB3

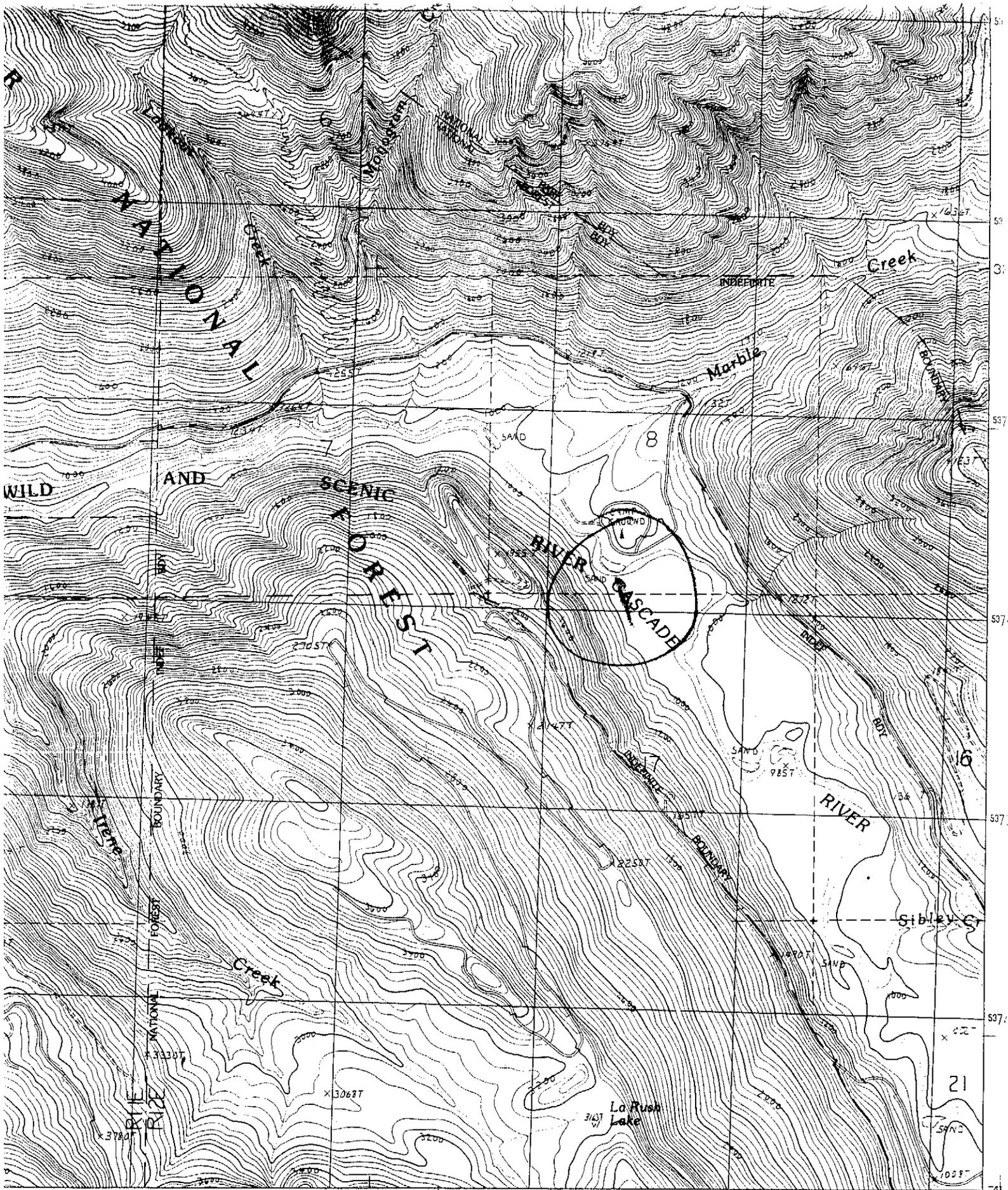
Site name:

Scale: 1" = 40m

Observer(s): M. OLIS

Legal location: SW 1/4 SBT35N R12E





625 626 17' 30" 627 628 629 000mE 121° 15'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

SCALE 1:24 000



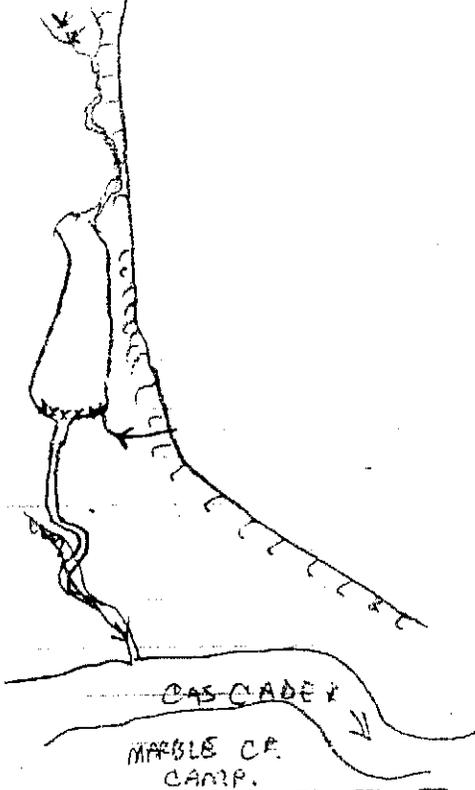
ROAD LEGEND

CAT³ LB3

RM 9.0

SW 1/4 S8 T 35N R 12E

3-18-98



0.0 ENTRY

- FLOW - 0.1
- WTR TEMP 41.5°
- R WTR TEMP 41°
- ACCESS - POOL @ ENTRY

14m WW 0.75 - 55% P.C.

- SILTY SUBSTRATE
- A FEW COMB JUV.
- @ 1m BUR DAM. PRES.
- SLIGHTLY INCISED BANKS

36m WW 1m

- MOSTLY POOL
- LARGE WOODY DEBRIS PRESENT, LOOKS LIKE FLOOD CHANNEL

24m WW 1m

- SLOW - MOVING, CM.
- CHECKED WITH HORSETAIL
- W/ CANARY GRASS ON BANKS
- @ 16m BVR DAM (LOW)
- W/ ACCESS
- THE TRIB ON LB IS 1m WIDE, GOES FOR 25m BEFORE STEEP FALLS.
- 2m² ~~FAIR~~ ^{FAIR} SPRAWLING
- HAB - 2-4" FLAT ROCK
- GOOD COVER

190m WW 25m

- BVR POND - MURKY
- PLANTS - HORSETAIL, CANARY GRASS - LITTLE PARSLEY

... LILY, & OTHER
SKUNK CABBAGE

209m - TAPERS DOWN TO TWO M @ TOE OF HILL, LOTS OF WTR PARSLEY & SHV SALMONADS,

233m WW 1m

- MOSTLY POOL
- LITTLE FLOW ALONG TOE OF HILL, MOSTLY UNDER FOREST FLOOR.

252m WW 2m

- MOSTLY POOL

23.00 FOLD

JUV COND.

- MUD-BOTTOMED W/ WTR
PARL & SKUNK CABBAGE

267m WW 2m

- VEC. SHALLOW &
MULKY

327m WW 3m

- SHALLOW, MULKY
SLURRY

- LOTS OF JUVS
- DUCK WEED, PARLEY,
SKUNK, CABBAGE
SEDGES,

356m WW 3m

VERY MULKY, VEC.
SHALLOW

END OF HAB

SOME DISCONNECTED
POOLS OF WTR AHEAD
WTR TEMP. -

COMMENTS

- LOTS OF AQUATIC
VEGETATION (VARIOUS)
- EXC. REPAIRING & USE
- 2m² - FAIR GP HAB
- APPEARS FLOODED

BELOW BUREAU DAM

- JUV TROUT SEEN
ALSO - NATIONAL FOREST
Bamboo 1/2 way

3457