

SITE INFORMATION

Site Identifier : SU6LB1 **Landowner Type :** Federal
Site Name : Broken Cedar **Landowner Name :** USFS
WRIA : 03.0710X **Address :**
Region : NS **Address2 :**
Trib to : Suiattle R **City :**
River Mile : 22.50 **State :**
River System : Suiattle R **Zipcode :**
Legal Description : NE1/4S24T32NR12E **Phone :**
County : Snohomish
Habitat Type :

Directions :

Take forest service road # 26 up the Suiattle, turn right on FS # 25 and cross the Suiattle, continue past Circle creek. Site is located below Danny boy creek. See map

Area Overview :

This is a very short, small groundwater fed channel that is overgrown with brush and blowdowns.

Field Survey Information

Date : 06/30/1994 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: () Spring (x) Groundwater (X) Surface runoff

Flow: () Intermittent (X) Year-round

Estimated Flows (cfs): Lower end: 0.1cfs
Upper end:

Water Temperature(C): Lower end: 8
Upper end: 8

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: () Indirect (X) Direct () Combination

Widths: Channel: 1 Ponds: Wetlands:

Depths: Channel: Ponds: Wetlands:

Total length (includes ponds and wetlands): 125

Total existing habitat area (est. m2): 125

Spawning area: Mainstem Tribs: Total:

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem: 125 Tribs: Total:

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: (X) None () Poor () Fair () Good () Excellent

Describe spawning habitat: Sand and cobbles, no apparent spawning habitat.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Moderate gradient channel flowing over boulders and cobbles with some sand.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: No flood danger, flows across an elevated bench

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Enters a clear water side channel of the Suiattle

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

Describe: There appears to be a blockage from woody debris at 22 meters. At higher flows juveniles can probably access most of area. Probably little or no adult use.

Other species access and use: Chum Pink Sockeye Res. Trout Anad trout

Describe: Trout use possible but unknown

ENHANCEMENT OPPORTUNITIES: None

Equipment access: Good

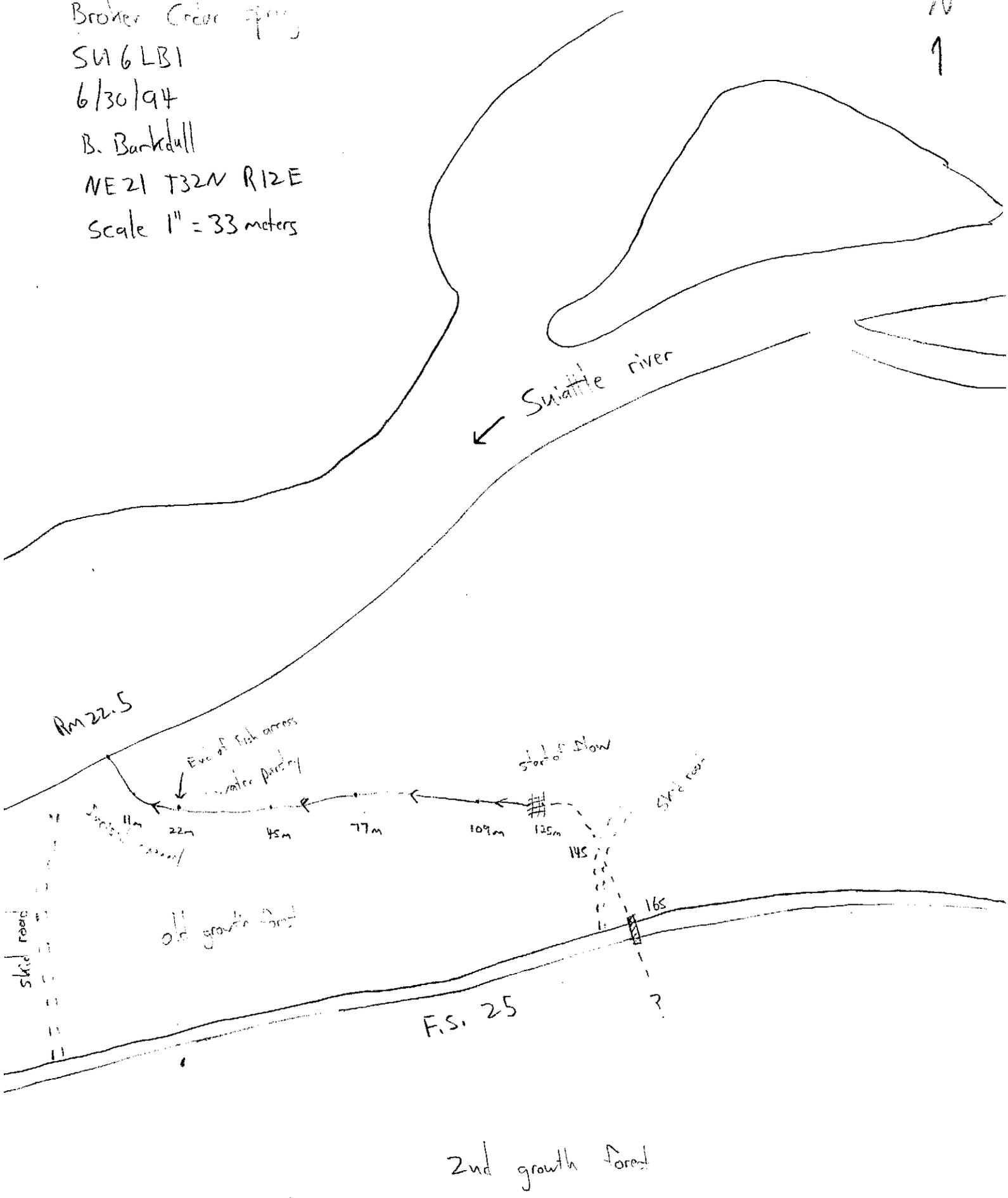
ADDITIONAL COMMENTS: This small site is probably capable of producing a hundred smolts a year at best.. Because of the low flows, the short distance and the old growth forest surrounding the site I don't think any enhancement is feasible.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

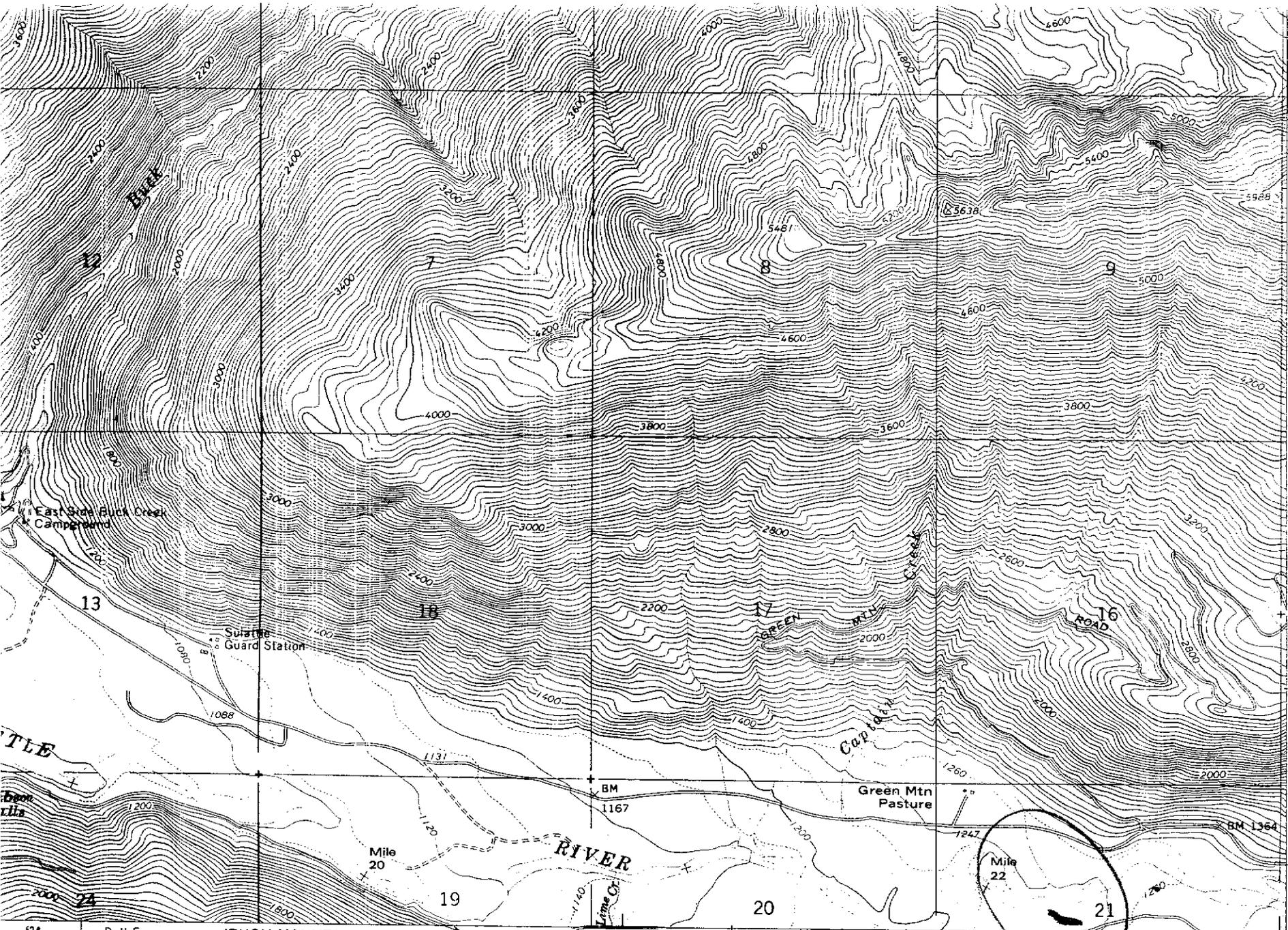
Brooker Cedar spring
SW 6 LBI
6/30/94
B. Barkdull
NE 21 T32N R12E
Scale 1" = 33 meters

10
1

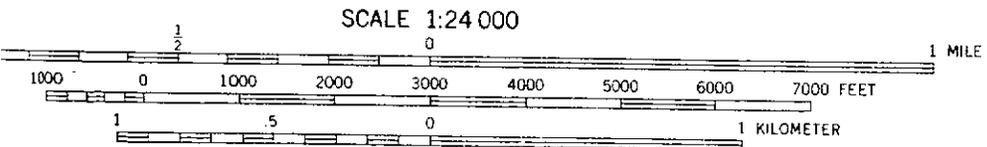


F.S. 25

2nd growth forest



624 R. 12 E. (PUGH MOUNTAIN) R. 12 E. 627
 1780 III NE END OF ROAD 6 MI 17'30"



Broken Cedar ch.
 ROAD CLASSIFICATION

Light-duty Unimproved dirt

5349
 5348
 5347000m N.
 END OF ROAD 4.3 MI.
 48° 15'
 121° 15'

17
 152
 504
 (GLACIER)

SITE IDENTIFIER:SU6LB1
LOCAL NAME:Broken Cedar

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER:Suiattle SURVEY DATE:6/30/94 OBSERVER:B. Barkdull

03-0710x

WRIA:None RIVER MILE/BANK LOCATION:LB 22.5

LEGAL LOCATION DESCRIPTION: 1/4SECTION NE SEC.21 T.32N R.12E

CHANNEL TYPE: Springs and intermittent surface flow

	RIVER	LOW END	UPPER END	O T H E R LOCATIONS
WATER TEMP:		47 f	8c	
FLOW (CFS):		<0.1	cfs	
WATER QUALITY:		Appears	good	

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:
Sand and cobbles, no apparent spawning habitat

COVER/LOD: Very good

SITE DIMENSIONS: LENGTH: 125 meters
WIDTH-WETTED:1 meter ave.
-CHANNEL:same
DEPTH:inches throughout

WATER SOURCE: Groundwater

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):
There appeared to be a blockage from woody debris at 22 meters. At higher flows juveniles can probably access most of area. Probably little or no adult use.

LANDOWNER:USFS

CHANNEL ENTRANCE CONDITIONS: Good

FACTORS LIMITING PRODUCTION: None

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NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:
none anticipated

BEAVER ACTIVITY: none

HEAVY EQUIPMENT ACCESS: Good

DIRECTIONS TO SITE: Located below Danny boy cr on Suiattle. See map

ENHANCEMENT OPPORTUNITIES AND COMMENT:

This small site is probably capable of producing a hundred smolts a year at best. Because of the low flows, the short distance and the old growth forest surrounding the site I don't think any enhancement is feasible.

River: Sawattle RM 2 LB ✓ RB 6/30/94 B. Barkell

Station Ft	Compass (S.F.S)	Channel Width (Ft)	Wetted Width (Ft)	Depth (Ft)	Flow C.F.S.	Gradient (Channel)	RB Height (Ft)	LB Height (Ft)	Cono Juv. Densities	Area Spwn Avail (xw)	Water Vis. (ft.)	Water Sources Perc. Spr.	% within 10' reach	Cov. Dom. Sub-dom.	Substrate F. Sg. Lg.	Dom. Overstory	Excav. Sed. Depth	Bar. Type	Height (Ft)	Flood Ht. Above Chan.	Distance to River	Reference Points	Comments:
1008	315°	3'	3'	-	0.1	2?	2	4	Low	0	1/2 inch	Perc	none										water temp 47°
224	265°	3'	3'	-																			very moist
4512	260°	3'	3'																				Barter from limb
770	256°	4'	4'				5	6						old growth									High amount of leaf
10911	275°	2'	2'																				less flow
1250	270°						5	4															end of flow of pile of scrap cedar
145	300						Continued up swale																
165							skid Road connects to swale																
							to Rd collect																
							Map on Back																

Map on Back