

SITE INFORMATION

Site Identifier : GR1RB1 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0377X **Address :**
Region : NS **Address2 :**
Trib to : Grandy Cr **City :**
River Mile : 0.70 **State :**
River System : Grandy Cr **Zipcode :**
Legal Description : NE1/4S15T35NR7E **Phone :**
County : Skagit
Habitat Type : beaver pond

Directions :

From Sedro Woolley, head east on Highway 20 for approximately 16 miles to the North Russel road. Turn right and go approximately 0.8 miles to the Cape Horn road. Turn right, go about 0.1 miles to Grandy Creek and park near the bridge. Hike up the creek for approximately 0.4 miles to the site.

Area Overview :

A small beaver pond that offers 313 square meters of over-winter rearing habitat but is only accessible during high flows because of the beaver dam. There is no spawning habitat and the lower end is suseptable to flooding.

Field Survey Information

Date : 01/16/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: () Intermitent (X) Year-round

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

Water Temperature(C): Lower end: 3.3
Upper end: 5

Receiving Water Temperature (C): 3.8

Other Observations: Pond was frozen over during survey.

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

Widths: Channel: 4m Ponds: Wetlands:
 Depths: Channel: 1m Ponds: Wetlands:
 Total length (includes ponds and wetlands): 93m

Total existing habitat area (est. m2): 322

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem: 313	Tribs:	Total:
Other rearing area:	Mainstem: 9	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: A small, muck-bottomed beaver pond that is 6m wide, 54m long and 1m deep in places. There is good cover along the right bank and I could not see any structure in the pond because of the ice. The upper end of the site is shallow, covered with blackberries and is 2 C warmer than at the lower end.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The site has 2" alders at the entry area and along the left bank, suggesting that this area has been hit by flooding not too long ago. This beaver dam appears to be susceptible to blowing out during major flood events although it hasn't during this winter which has been wetter than normal.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is no pool area near the entry, very little flow out to the mainstem and a beaver dam that is not accessible without high water.

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

Describe: No coho were observed during the survey but I would guess that the site gets poor to fair use by juveniles during the winter. I would not expect to find any adults using this site, it has no spawning gravel.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: No trout were observed but I would expect a few resident trout would use this site.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS This site does have quite a bit of recent beaver activity and I would expect that if the dam did blow out, that it would be repaired in a timely fashion.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site ID: GRI RB1
Site name:
Scale: 1" = 36m
Observer(s): OWS
Legal location: NE 1/4 S15 T35 R7E



GRANDY CREEK

OPEN FIELD

3" ALDERS

FLOODY

RAN OUT OF WATER

93m

BLACK BERRIES

72m

41m

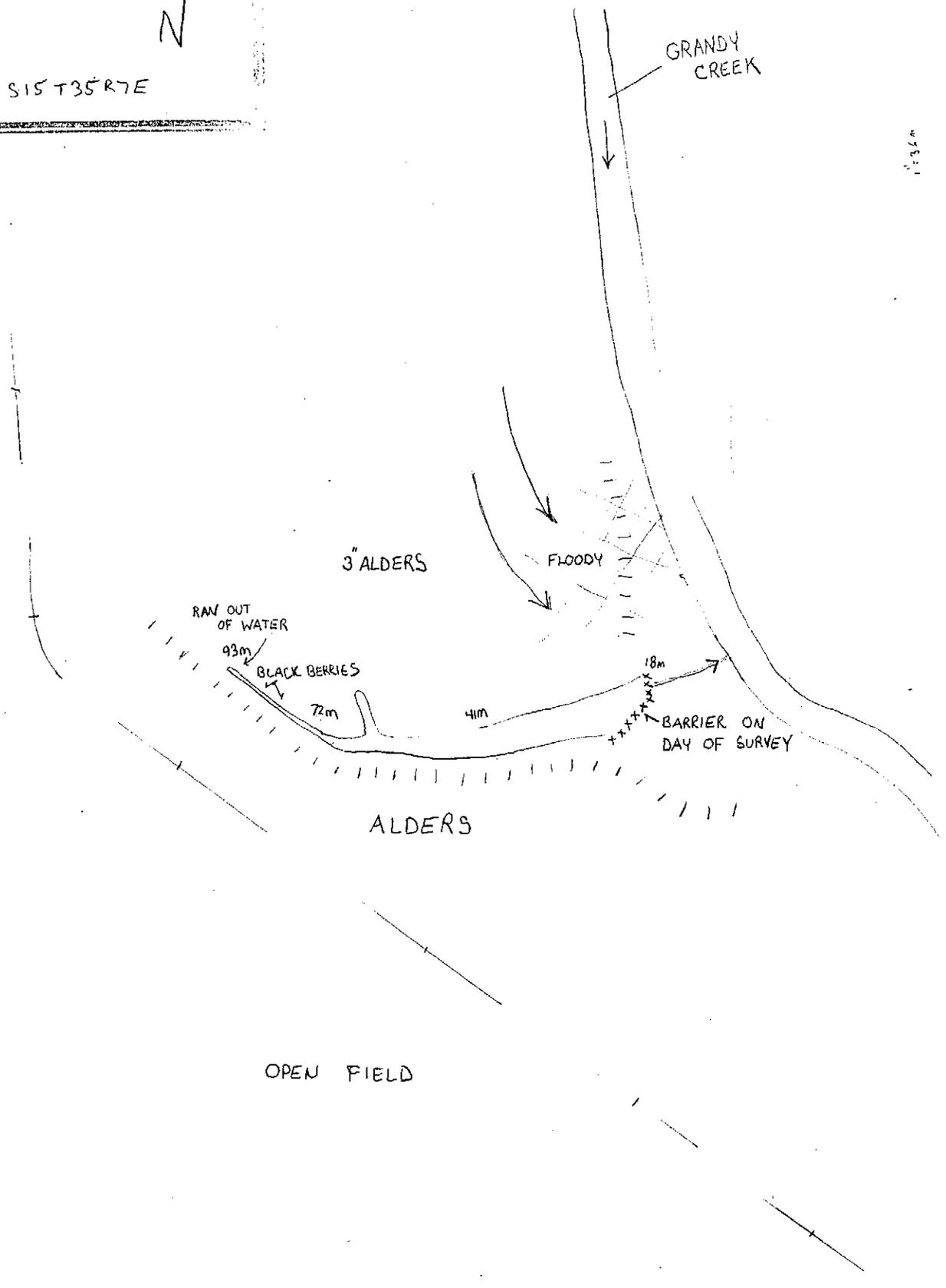
18m

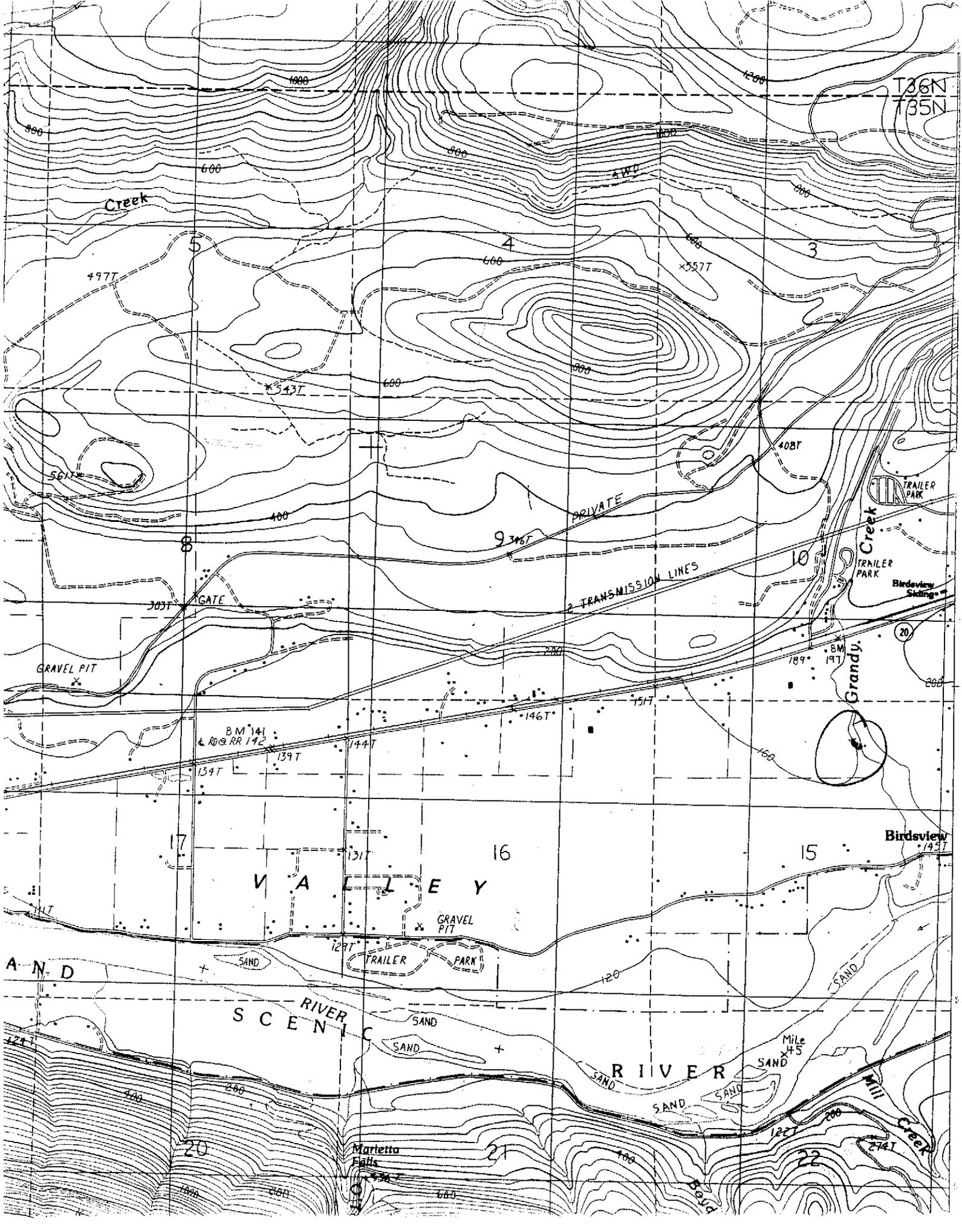
BARRIER ON DAY OF SURVEY

ALDERS

OPEN FIELD

1" = 36m





T36N
T35N

Creek

TRAILER PARK

TRAILER PARK
Birdsview
Siding

PRIVATE

2 TRANSMISSION LINES

Grandy Creek

Birdsview
1437

V A L L E Y

A N D

RIVER
SCENIC

RIVER

Mill Creek

Marletta Falls

Mile 4.5

121

20

21

22

241

GRIRBI

RM ~~0.45~~ 0.45

NE 1/4 S15 T35 N R7E

16 JAN 97

GRANDY CR. →

EXTREME
HIGH WTR

2" ALGAE

10m ←
3m

ALGAE

O.O. ENTRY

FLOW - LESS THAN 0.1

TEMP. - 38°

REC. WTR TEMP - 39°

18m ww 0.5

- SLOW MOVING SHALLOWS

- SILT BOTTOMED

- @ 18m BVR DAM
THAT IS NOT PASSABLE
TODAY.

41m ww 6m POOL

- MUCK BOTTOMED

72m ww 4m

- BROWN ALGAE GROWTH
ON BOTTOM

93m WW 1m

- SHALLOW POOL
- COVERED W/ BLACK BERRIES
- END OF WTR.
- WTR TEMP 41°

COMMENTS

- HARD TO ACCESS BECAUSE OF DUE DAM.
- CREATED NICE LITTLE POND FOR REARING
- FROZE OVER DURING SURVEY
- NO EDDY POOL @ ENTRY.
- RECENT BUR ACTIVITY
- NO SPAWNING HAB

JS