



SITE INFORMATION

Site Identifier : EN1LB2 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0230X **Address :**
Region : NS **Address2 :**
Trib to : E F Nookachamps Cr **City :**
River Mile : 2.35 **State :**
River System : E F Nookachamps Cr **Zipcode :**
Legal Description : NW1/4S13T34NR4E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :
 At the Highway 9 and Gunderson Rd intersection, turn east on Gunderson Rd and go approximately 0.7 miles to the F Stevens Rd on the left. Turn left and follow the road to the private property at the end where the site is located.

Area Overview :
 This trib appears to be mostly surface fed and has a man-made pond that has been recently enhanced by the Skagit Regional Enhancement Group. It does get good amount of coho use.

Field Survey Information

Date : 1/6/00 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff
Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: None
 Upper end: 0.25

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

Receiving Water Temperature (C):

Other Observations: No water temperatures taken.

Site Area Measurements: Indirect Direct Combination
 Widths: Channel: 1.5m Ponds: 12m Wetlands:
 Depths: Channel: 15cm Ponds: 2m Wetlands:
 Total length (includes ponds and wetlands): 679m

Total existing habitat area (est. m2): 1389

Spawning area:	Mainstem: 16	Tribs:	Total:
Impounded area:	Mainstem: 540	Tribs:	Total:
Other rearing area:	Mainstem: 833	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The spawning habitat is located above the man-made pond and the culvert under the driveway. The gravel size ranges from 1" to 2" and there is good amounts of overhead cover. Some of the gravel pockets are sitting on top of a clay substrate.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: In the first 118 meters, the creek is mostly slow-moving with a fair amount of cover. In this section are seven log control wiers that step up to a man-made pond. Above this is a 540 square meter man-made pond that has been recently planted along the banks. There are five more log control wiers above the pond that step up to a culvert under the driveway. The habitat above the driveway is in a channel that averages 1.5 meters, is approximately 6% grade, has incised banks, good cover and a clay substrate in places.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The mainstem will flood on occasion and cover the lower 120 meters of the site. Also, the creek will have high flows of its own, partly from road runoff as the creek is in a ditch along Gunderson Road for at least 200 meters.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Large pool at entry area.

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

Describe: Adult coho spawners have been observed in the site as well as juveniles.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site can be readily accessed by trout and probably gets good use.

ENHANCEMENT OPPORTUNITIES: None

Project type:

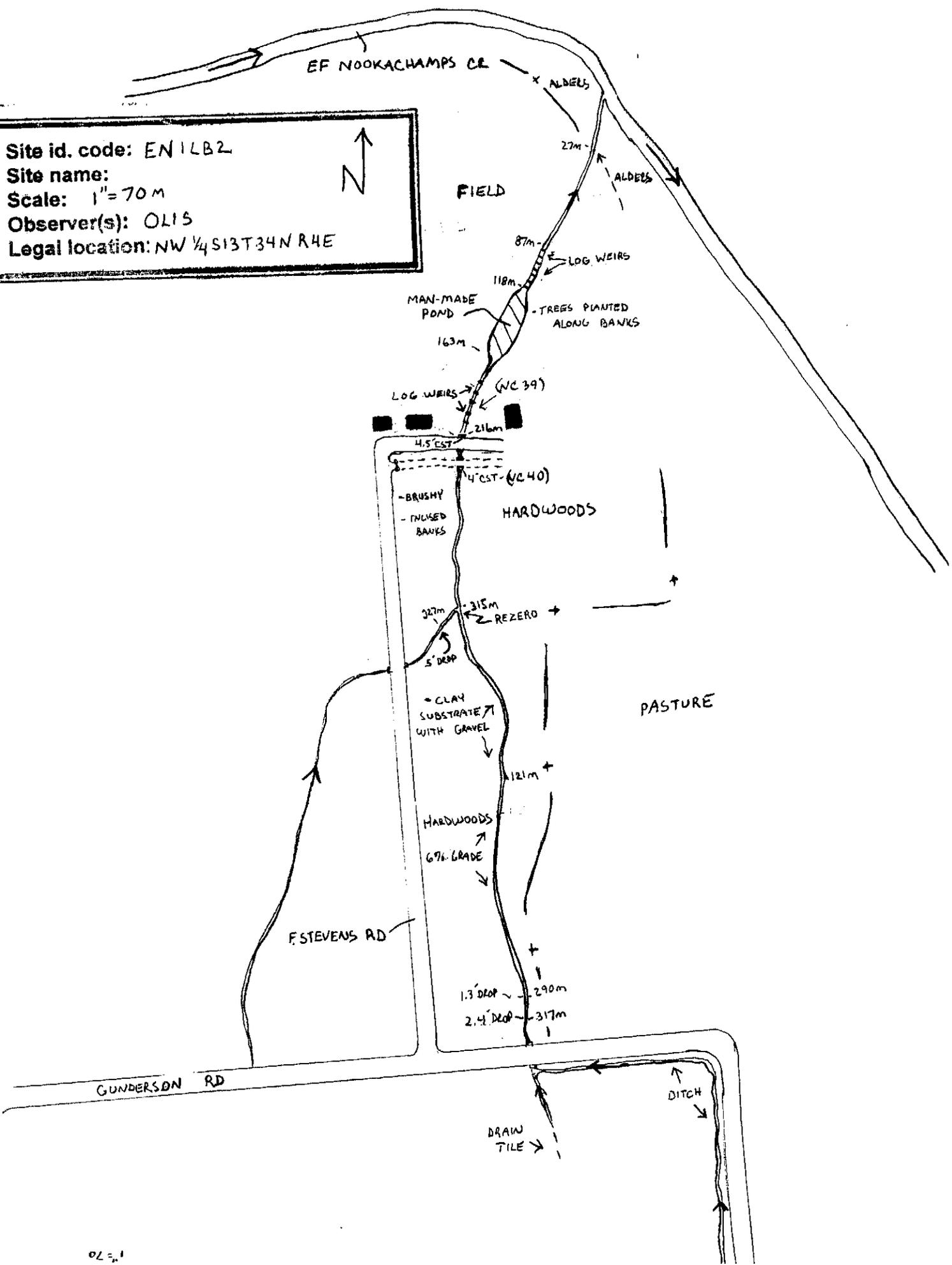
Equipment access:

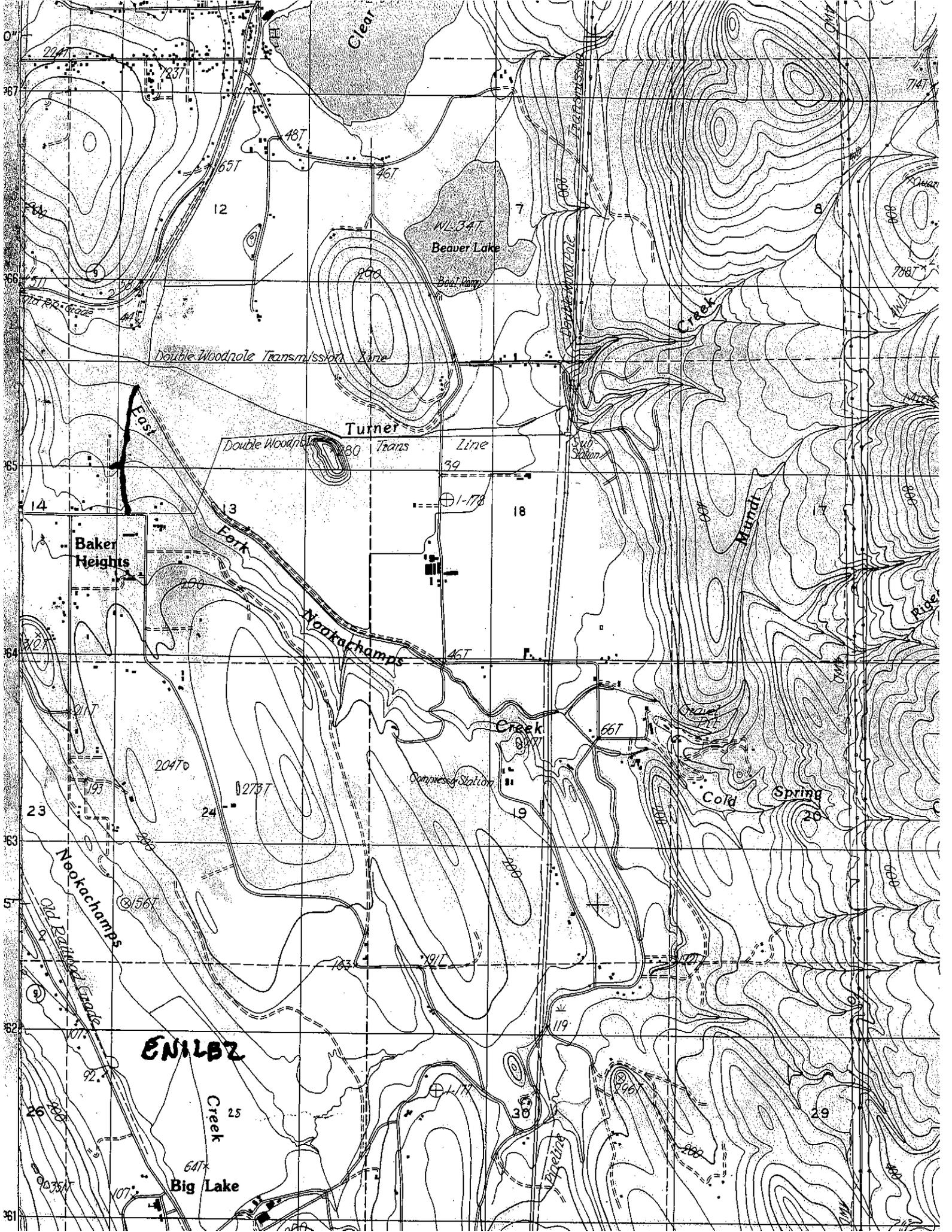
ADDITIONAL COMMENTS: The creek forks above the two culverts at 315 meters. The survey was ended at 327 meters on the left fork at a 5 foot falls while on the right fork, the survey was ended at a 2.5 foot falls with no plunge pool. The man-made pond was recently enhanced by the Skagit Regional Enhancement Group. They installed the log wiers as well as replaced the culvert under the driveway.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: EN1LB2
 Site name:
 Scale: 1" = 70 M
 Observer(s): OLIS
 Legal location: NW 1/4 S13T34N R4E





ENILBZ

CHECK W/ P...

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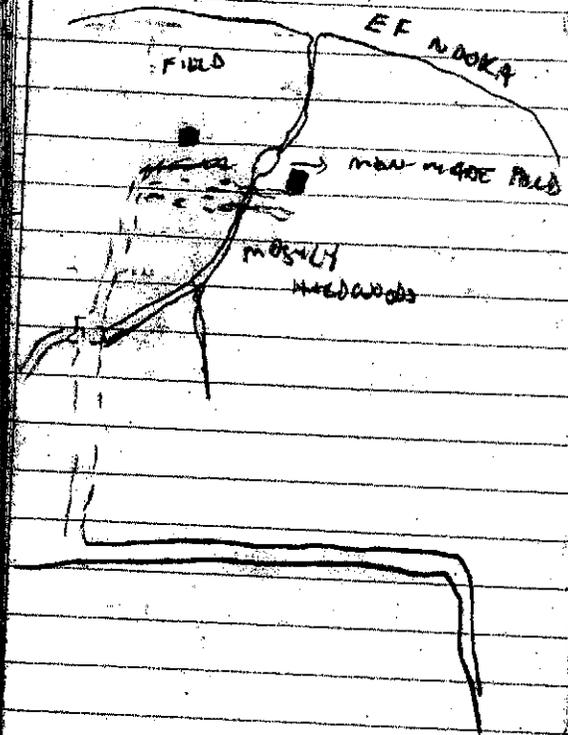
EN1 LB2

RM 2.35

NW 1/4 S13 T34N R4E

1-6-00

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118m WW 2m

BASE OF POND

- 7 WEIRS STEP
UP TO POND.

163m POND WW 12m

@ TOP OF POND

POND - BOTTOMED

- TREES PLANTS

ALONG EDGES

175m WW 1m

@ FIRST WEIR ABOVE
POND.



4m² SP.

216m WW 2m

- 5 WEIRS STEP UP

TO POND
DRAINAGE SWC

202m DOWNSTREAM END
OF CULVERT

226m WW 2m

- 1m² SP

@ CULVERT

N.C. 40

233m UPSTREAM END
OF CULV.

315m WW 1.5m

- 8m² SR NAB
- GOOD BRUSH
- BANKS INCLUDED IN

PLACES

- @ FORK, 50/50
GOING UP LF

327m WW 1.5m

SLOW-MOVING

- GRAVEL SUBSTR.

- @ 1.4 METER FALLS

- END OF FISH ACCESS
PROB.

- WITH ^{WATER} SKIRT AROUND
MEASURING HIGH FLOW

315m WW 1.5m

- $6m^2$ SP JAB

- GOOD BRUSH

- BANKS NEEDED
PLACES

- @ FORK 50/50
GOING UP LF

327m WW 1.5m

SLOW MOVING

- GRAVEL SUBSTR.

- @ 1.4 METRE FENCE

- END OF FUR ACCESS
PROB.

- WTR MAIN
SKIPPY AROUND
HOLDING HIGH FLOWS

- REZERO @ FORK -

GOING UP RF

121m WW 1m 40%

PROB

- BANKS NEEDED 2:3

- GRAVEL SUBSTR. w/ CR
POCKETS 3-4 m^2

- GOOD BRUSH

290m WW 1.5m

- GRADE \rightarrow 6%

- @ 1.3' DROP

- PRIB JUV, BARR.

317m WW 1m

- @ 2.4' DROP.

- IT APPEARS TO BE
BARRIER TO ADULTS
BECAUSE THERE IS
NO PLUNGE POOL &
LOTS OF WOODY DEBRIS
IN THE WAY.

?
352m TO GUNDERSON
RD & TWO BARRIER
CULVERTS BUT IT IS
UNCLEAR IF ADULTS
COULD MAKE IT THE
FAC.

COMMENTS

- DOES GET CONVO
USE
- GOOD REARER
& FAIR SPAWNING
- FISHWAY @ AND
~~POSS~~ MAN-MADE
ROAD.
- GETS PUNCHED
OUT @ TIMES