

**SITE INFORMATION**

**Site Identifier :** WN3RB2 **Landowner Type :** Private  
**Site Name :** **Landowner Name :** Hamer, Wepler  
**WRIA :** 03.0227X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Lake Cr **City :**  
**River Mile :** 11.70 **State :**  
**River System :** W. F. Nookachamps **Zipcode :**  
**Legal Description :** NW1/4S17T33NR5E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

**Directions :**

From the I-5 and Hwy 534 intersection (Conway/Lake McMurray exit), turn right towards Lake McMurray and head 5 miles to a T-intersection and Hwy 9. Turn left (north) on Hwy 9 and go 3.7 miles to driveway on the right. Approximately 100m up the driveway there is a small bridge that goes over Lake Creek. The site is located on upstream side of the bridge.

**Area Overview :**

This site offers approximately 2400 square meters of good over-winter rearing habitat. It appears to be spring fed but also has some groundwater and surface water influence. This site could use some enhancement work and one of the landowners is interested in doing some.

**Field Survey Information**

**Date :** 01/06/1999 **Observer :** Olis **Survey Type :** initial

**HABITAT INFORMATION**

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

**Flow:** ( ) Intermittent (X) Year-round

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

**Water Temperature(C):** Lower end: 6.1  
Upper end: 7.2

**Receiving Water Temperature (C):** 6.1

**Other Observations:**

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

**Widths:** Channel: 1m Ponds: 10m Wetlands:

**Depths:** Channel: 10cm Ponds: 1m Wetlands:

**Total length (includes ponds and wetlands):** 775m

**Total existing habitat area (est. m2):** 2913

**Spawning area:** Mainstem: Tribs: Total:

**Impounded area:** Mainstem: Tribs: Total:

**Other rearing area:** Mainstem: 2413 Tribs: Total:

Unaccessible habitat: Mainstem: 500 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: The initial 145m is a ditch that runs along the side of a driveway. It has some watercress in it and is mud bottomed. From this point, there is flow that comes from three directions. On the LB side is the mainstem. It is slow-moving and approximately 5" deep as it meanders through a series of small fields and wood patches. It becomes braided and spread out in places with skunk cabbage and water parsley on a mucky substrate. There is a 60m by 10m pool located just above an old grade. It is peppered with water parsley and is 1m deep in places. Back at the 145m point, the middle fork is the continuation of the ditch line as it ends at a berm and a small, unaccessible man made pond. The flow on the RB comes via a culvert under the driveway and it drains a small, wooded swamp that appears to be intermittent. There is water parsley and skunk cabbage present.

Describe unaccessible habitat: There is small man-made pond that is approximately 50m long by 10m wide. It is mud-bottomed with some algae growth and duckweed. There are a fair number of trees around the perimeter of the pond but very little brush.

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: There is little indication that this site floods.

**FISH INFORMATION**

Site entry condition:  Poor  Fair  Good

Describe: There are two locations that the site flows into the mainstem. The first is located just upstream of Tom Hamer's driveway and bridge over Lake Creek. There is a large pool present at this entry area. The second is located approximately 475m up the mainstem as most of the flow appears to have been diverted into Lake Cr at this point. It flows over a 16" drop into the mainstem, making juvenile access very marginal.

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

Describe: There was no spawning habitat found on this site but the site is accessible to juveniles. The upper reach of this site appears to become isolated during moderate flows.

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Site is accessible to trout.

ENHANCEMENT OPPORTUNITIES: At the point where flow has been diverted into the mainstem (475m), it would enhance the site to reconnect the creek to its natural path. This could be done with a couple of shovels. If possible, some fencing would protect the site from being trampled on in a few places and some appropriate tree planting would also enhance this site.

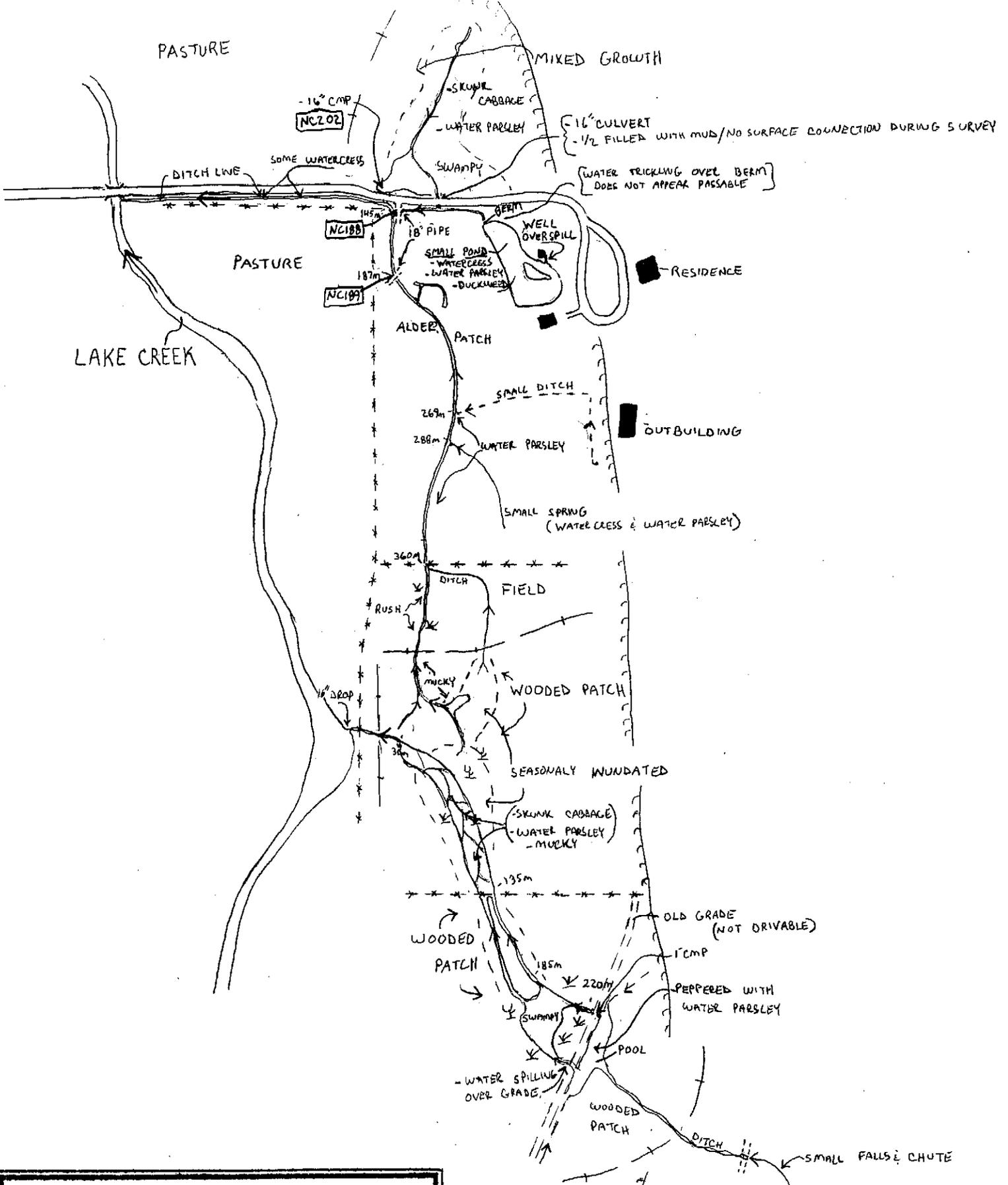
Project type:

Equipment access: Good

ADDITIONAL COMMENTS: The survey was ended at a small chute and falls area. This site partially flows on the property of Tom Hamer and he appears real interested in enhancing this creek.

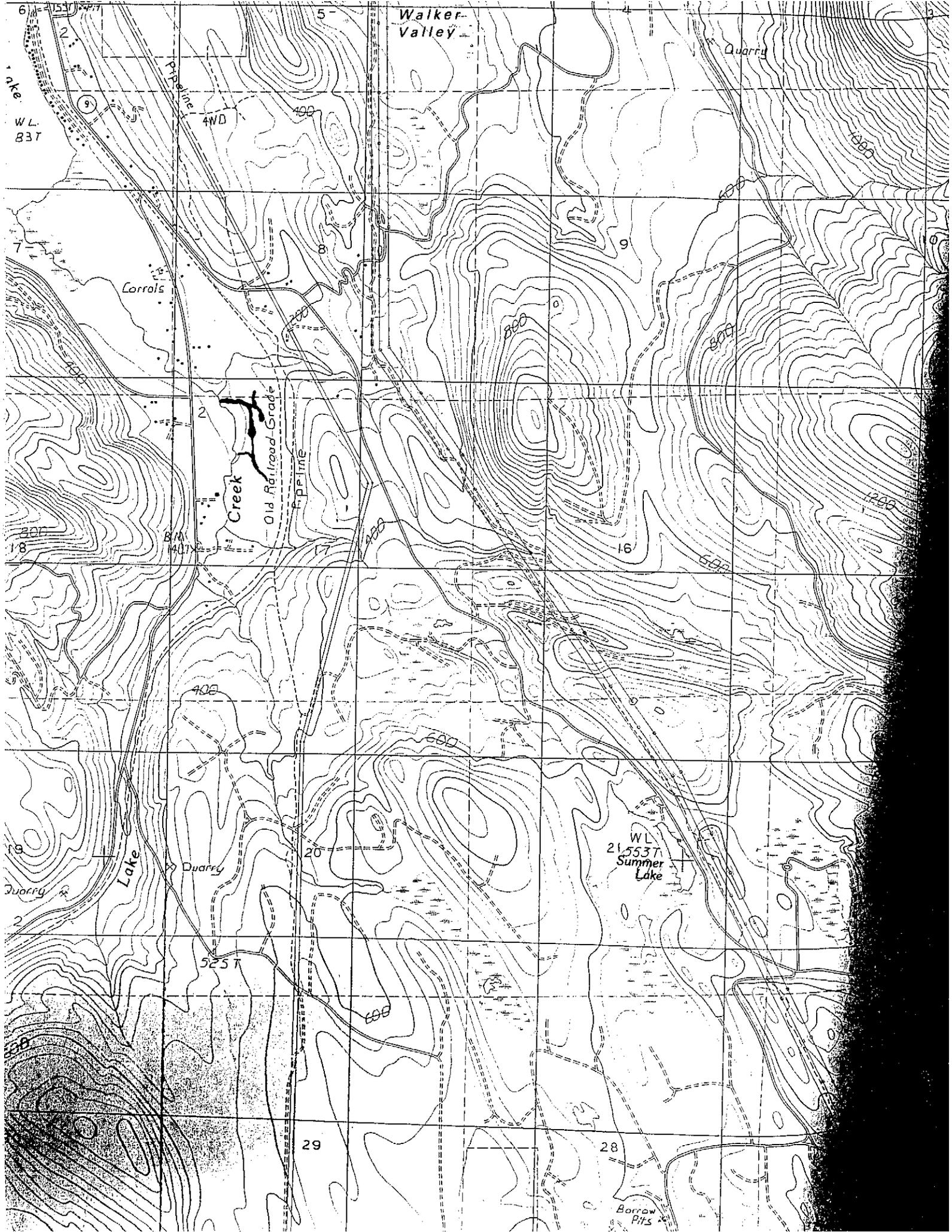
ATTACHMENTS AVAILABLE

Aerials     Sketch     Maps     Spawning Surveys     Juvenile Trapping  
 Other References



**Site id. code:** WN3RB2  
**Site name:**  
**Scale:** 1" = 70m  
**Observer(s):** M. OLIS  
**Legal location:** NW 1/4 S17 T33N R5E





Walker Valley

Quarry

WL 837

Corrals

Creek

Old Railroad Grade

Pipeline

Lake

Quarry

WL 21537  
Summer Lake

5257

Borrow Pits

WN3RB2

RM 11.7

NW 1/4 S17 T33N R5E

12-15-98

HERDWOOD

2413 m<sup>2</sup>

UNACCESSIBLE = 500 m<sup>2</sup>

BOUNDARY

FLOW - 0.1

WT - 4%

R COST -

ACCESS - POSS

PROF -

LEN - 1m w/w

- TARD - FIELD

- BUSH - BOTZ

- 30m wide km MEADER W

- Snow -

- 135m w/w 10m

- BUSHY - SIFAC

RAIDED

135m STANDING

WTR:

- SKUNK CAR W/ PARS

BRUSH - MEDRY

@ FENCE LINE

185m WTR 3m

STANDING

- WTR IN PLACES

- SLOW MOVING

234 WTR 2m

SM CHANNEL

220m WTR 15m

SWAMPY

@ OLD GRADE

- WTR STACKED LA

CONTR 17, 18, 19

WATER PARS

- ON - 12 PARS

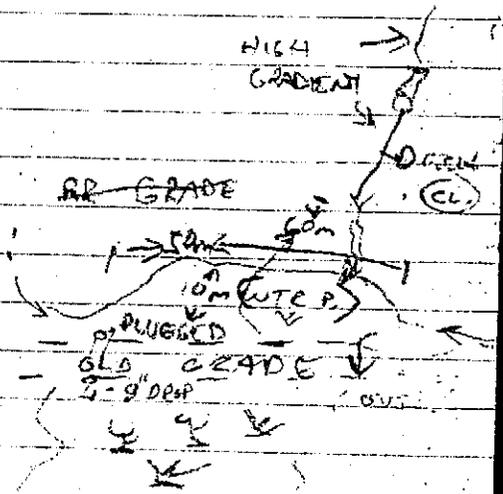
GRASSHED

- WTR COMING OVER

GRADE IN ANTI

PLATE

45° @ END



- GOOD ROADWAY
- HIGH FLOWS TO ENTER
- APPARENTLY PROB.
- WETTED IN SUMMER
- BUT DISCONNECTED
- NO CRAWN
- NO FISH SEEN
- LOTS OF SKUNK
- CARB. & WTR. P.

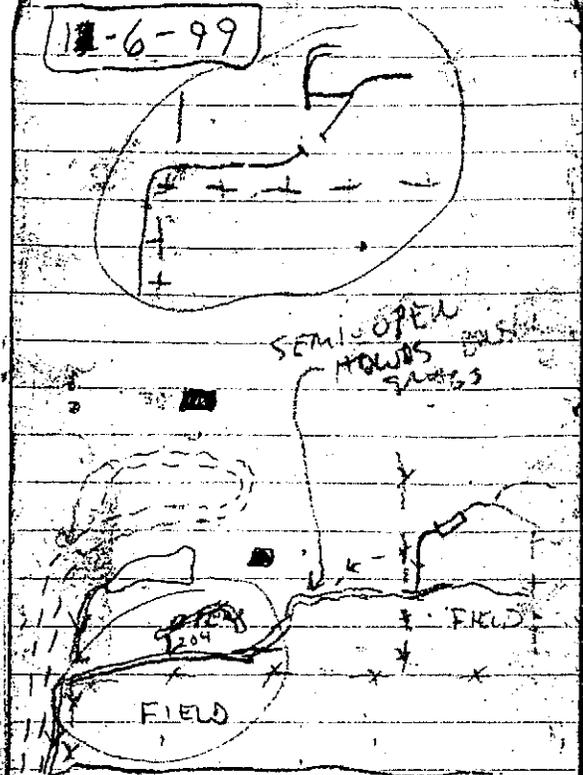
12-15-98

TRIB 3.0260

9L-1D-7REDS

HIGH-BROWN 50%

12-6-99



O.O. ENTRY

FLOW - 0.2 CFS

WT. - 39°

PC WT. - 40°

ACCESS - POOL @ ENTRY

45m w/w 1m

- MUD-BIND DITCH

- SLOW-MOV. MOSTLY POOLED

- SOME W/CR CROSS

- BLACK B. CAN BEES

RUSH

- @ FORK

- CONTINUING UP ROAD

OR LF

287m WW 1m

- DITCH w/ RUSH,
- CAN BE CATALS
- @ 2.15 BL PVC D.
- 10' LONG

269m WW 1m

- SMALL PATCH OF
- WTR PARSLEY
- SEEP ON RB

288m WW 1m

- TRIB ON RB
- 6.5m L x 0.3 W
- RUSH, CATTAILS
- SOME WTR CROSS
- VERY SHALLOW

360m WW 1m

- MORE WTR
- @ FENCE
- SEEP ON RB
- WTR DUG DITCH
- 40m LONG TO
- BRUSHY WTR AREA

429m WW 1m

- TALL FIELD
- RUSH ON BUTTER LIP
- SLOW MOVING

467m WW 1m

- SHALLOW, SLOW
- LEANED BOTTOM MUCK
- SKUNK CABB

467m

@ 10x6 ST. WATER

- W-4 WTR 2 and

SEVERAL CABS

W. ALICE PATCH

ALSO

495m - WTR in

- BARELY FLOWING

- PART OF OTHER

SYSTEM

- BUT ALSO HAS

OTHER WTR SOURCE

AREA IS FILLED

WITH SKUNK CAB

2 IS VERY MUCKY

WTR. TEMP



SURFACE

BARELY FLOWING

WTR. OTHER SIDE

