

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There was some spawning gravel observed in the small intermittent stream that flows into the head end of this site. It has marginal access to fish as the head end of the swamp is very shallow and braided. The gravel size ranges from 1" to 4" and there is a fair amount of brushy cover present. This stream is on the small side for adult spawners.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This site has a series of connected beaver ponds and swamps that offer a very large amount of excellent rearing. It has a mud bottom, good brushy cover along the banks and good canopy cover from a mixture of conifers and hardwoods. There is canary grass, cattails, skunk cabbage, sedges and water parsley present.

Describe unaccessible habitat: There is a small intermittent stream that flows into the head end of this site. It has marginal fish access as it is very shallow and braided where it connects to the swamp. If fish could get through, there is a dam and small, man-made pond located 182 meters upstream from the swamp that would block fish. There is 590 meters of habitat upstream that has intermittent flow. It is a 0.8 meter wide stream that flows through several private parcels and originates out of a brush filled swampy area adjacent to Old Hwy 99.

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site consists of a series of beaver ponds and swamps that are topographically protected from any flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: The mainstem is slow-moving and pooled in the entry area.

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

Describe: This site has a direct wetted connection to West Fork Church Cr which has known coho use in the lower reaches. It has a very large amount of rearing habitat that is very suitable for coho juveniles.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: This site can also be accessed by trout and has very suitable habitat for them too.

ENHANCEMENT OPPORTUNITIES: A possible enhancement project would be to provide fish passage through the dam and man-made pond on the small stream that flows into the swamp. However, with marginal fish access from the swamp to the base of the dam, providing fish passage does not appear to be feasible.

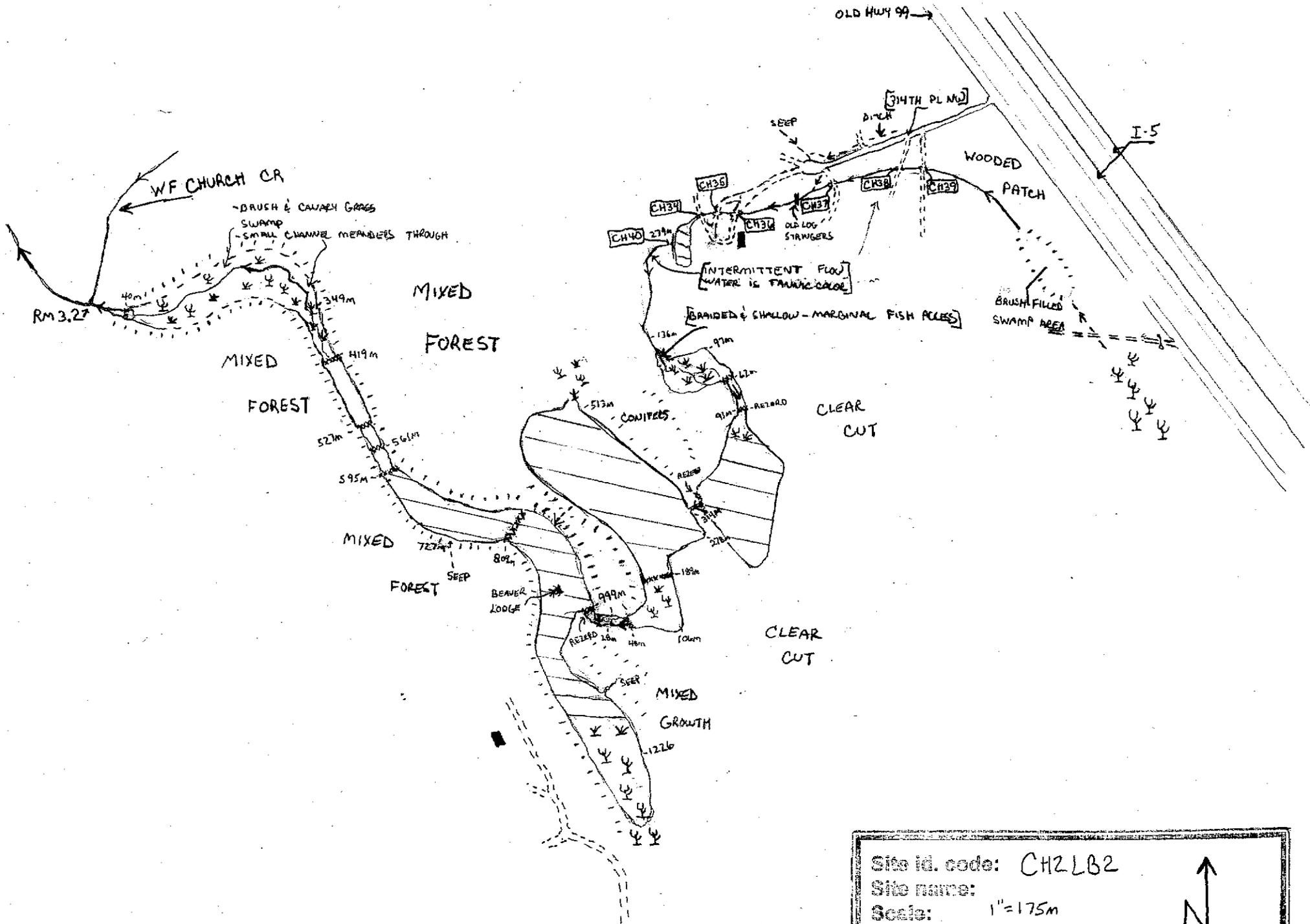
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended in a brush-filled swampy area adjacent to Old Hwy 99. This site is located upstream from where WF Church Cr partially forks into Milltown Cr and the Skagit River basin.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping



Site id. code: CH2LB2

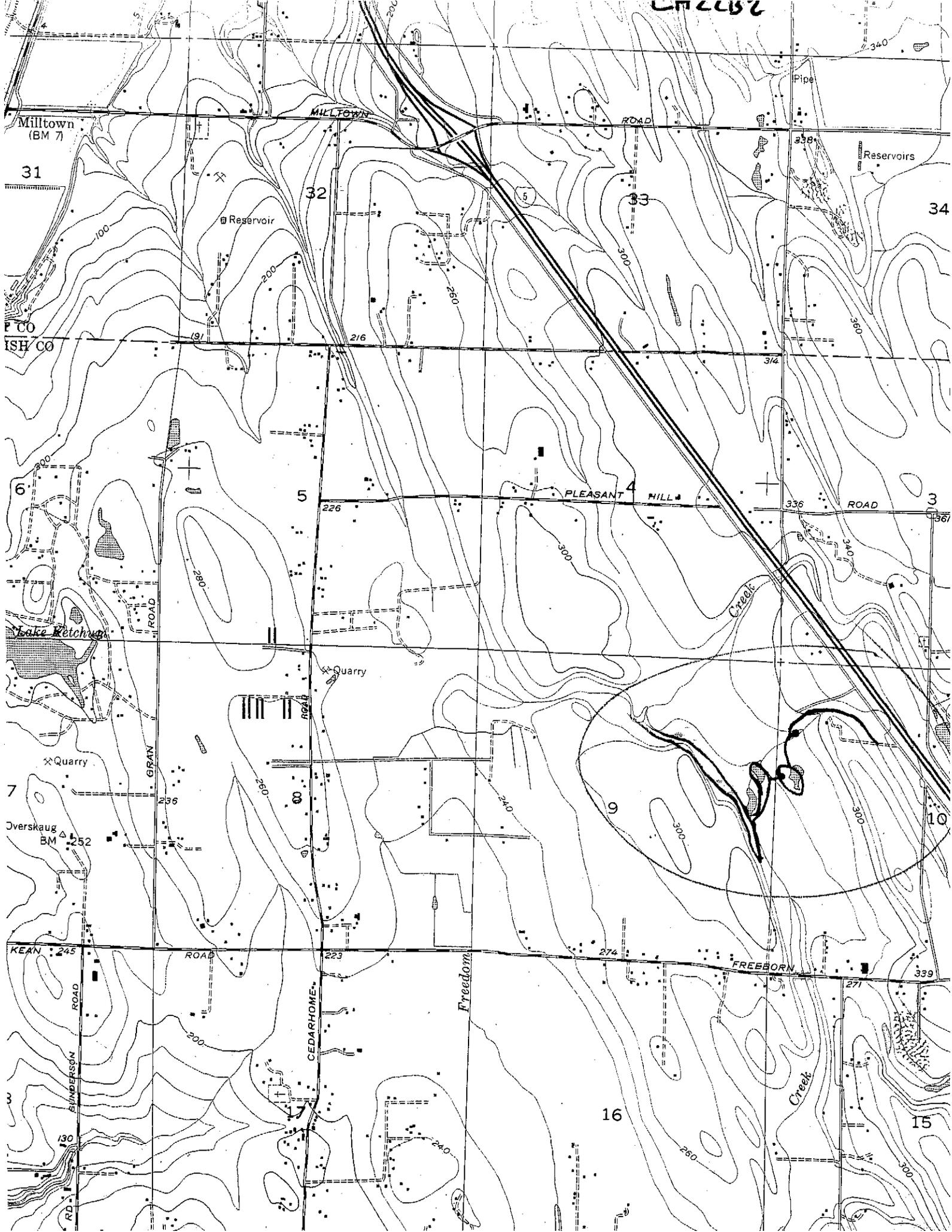
Site name:

Scale: 1" = 175m

Observer(s): OLS

Legal location: NE 1/4 S4T32N4E

LM 2252



16

15

CH2LB2

RM 32

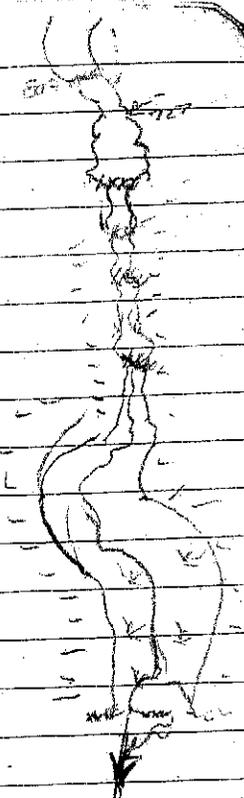
NE 1/4 S9 T32N R4E

1446

X-1561563

Y-1079513

2-11-03



WF CHANNEL



0.0 ENTRY

FLOW - 0.4 CFS

WT - 35.5°

RWT - 36°

ACCESS - SLOW-MOVB, POOLSD

14m WW 113m

· SLOW-MOVB - POOLSD

@ FORKS

40m @ OLD AIR DAM
NOT ACTIVE. (20m)

TWO 1.2m CHANNELS

OUTLET FROM SWAMP

@ BAKE OF SWAMP

56m w/w 16m

- SWAMP POOL ABOUT
BUR DAM

349m w/w 1m (WEST)

CLEAR MEADOWS

THRU LARGE SWAMP

- I'LL GO W/IN FROM ABOUT

- @ UPPER END OF 1ST

OPPINING UNDER IT

NECKS DOWN TO 20m

- SWAMP HAS CAULY GRASS

- CATTAILS, BRUSH, SOME

CARRAGE SAGES

- STANDING WATER IN

PLACES

419m SWAMP IS

15m - 20m WIDE

- @ 28m BUR DAM

527m w/w 24m

POUD

@ 22m BUR DAM

561m w/w 22m

@ 20m BUR DAM

595m w/w 24m

@ 30m BUR DAM,

727m w/w 45m POND

small slope on LB

809m NW 25m Ponds

@ 50m East BUR 40m
has 8" RIDGEB on W
W PLACKS

999m NW \approx 60m
pond w/ ~~BUR~~ LOGS

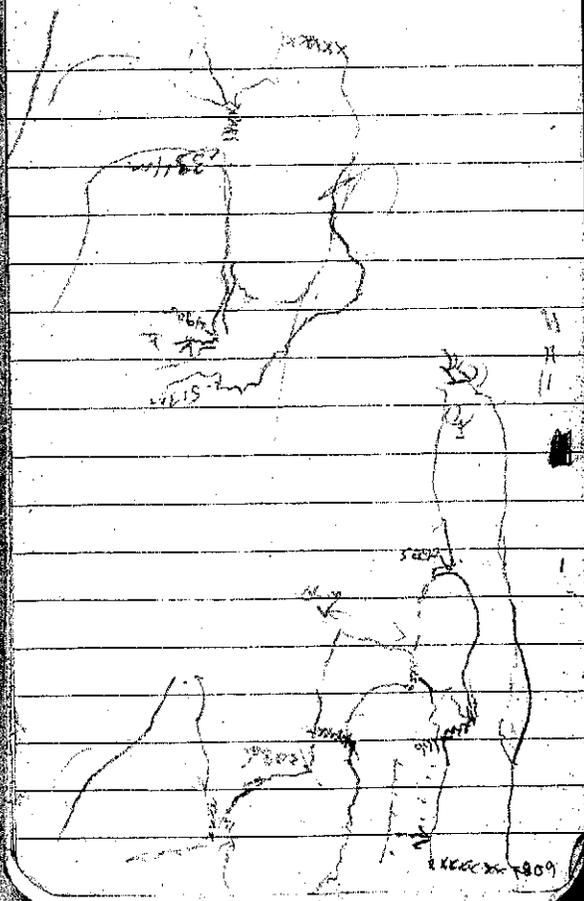
@ BUR NW TO SOUTH EAST
24m WBE

1026m NW 50m

1076m NW 30m

1226m NW \approx 60m

PAST NW HOUSE ON LG
[COW/C BACK TO 999]



28m BRUSH PILE
SWAMP WWD 15m

40m WWD
@ 22m BUR DAM
CURVE TO THE WEST

106m @ SE CORNER
OF SWAMP
TURNING TO THE NORTH

189m WWD 50m
@ 50m BUR DAM

208m WWD 50m
@ CORNER HEADINGS WEST

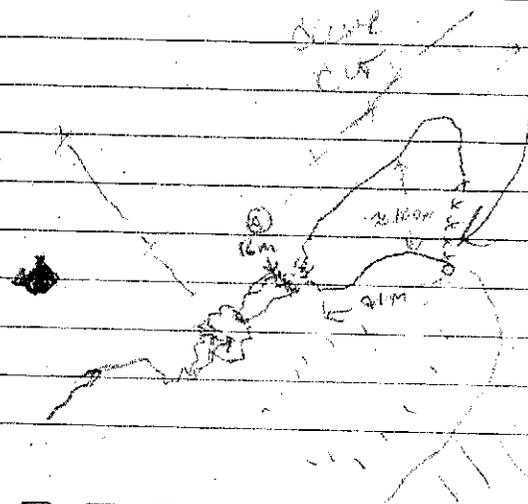
278m @ 2ND
SE CORNER
- NOW TURN W - NORTH

314m LARGE POND
@ WESTERN CORNER
TO LARGE POND ON
LB,

324m END OF BRUSH
DAM FOR 3RD POND

518m WWD x 40m
- TOWARDS HEAD (BUR)
OF 2ND POND.

REZARO RB OF 3RD
POND @ BUR DAM



REZARO UPPER END OF
3RD POND @ BUR DAM

62m was 16m pool
@ BASE of LARGE SWAMP

97m was 30m
- CAMEY GUS BELCHER
SWAMP,

SMALL SPAN FORD THIS
SWAMPY AREA
FOLLOWING

136m was 16m
"2" DIRT, SWAMPY AREA
VERY MUCKY
SKUNK CABBAGE

204m w/w 0.9m
- MUD-BOTTOMED
- BROCKLEY.

228m w/w 0.75
- POOL/RIFE
- SMALL AMOUNT OF P-I.
GRAVE SHOWING IN 2M

249m w/w 0.7m
- FLUKE UNDER OLD GRAVE
SOUND ONLY PASSABLE
@ H-64 PLAYS

279m w/w 0.8m

@ 3 SIDEBY SIDE
PIPES 2.5' DEEP
BRICK,
@ DAM 26m WIDE
WD 5.5m
NO PLINGS POOL
3 PVC PIPES 10'?

- 0.46 CAL ODE
NO MAT
SMALL SCOUR POOL CLAS. 0.20
WD 0.1 F 0.5