

SITE INFORMATION

Site Identifier : PI1RB10 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 05.0064X **Address :**
Region : NS **Address2 :**
Trib to : Bjorndahl Cr **City :**
River Mile : 1.65 **State :**
River System : Pilchuck Cr **Zipcode :**
Legal Description : NE1/4S24T32NR4E **Phone :**
County : Snohomish
Habitat Type : lower valley wall tributary

Coordinates	
East: 1,579,098.00	North: 1,068,195.00

Directions :
 From the intersection of 280th St and 3RD AVE NE, go west on 288th St for 0.1 miles to a culvert and the site.

Area Overview :
 This is an intermittent trib that averages 0.8 meters in width and offers 1107 meters of habitat as it flows through several private land parcels.

Field Survey Information

Date : 1/13/03 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.3
 Upper end: 0.05

Water Temperature(C): Lower end: 5.5
 Upper end:

Receiving Water Temperature (C): 5.5

Other Observations:

Site Area Measurements: Indirect Direct Combination
 Widths: Channel: 0.8 Ponds: Wetlands:
 Depths: Channel: 0.15 Ponds: Wetlands:
 Total length (includes ponds and wetlands): 1210

Total existing habitat area (est. m2): 1107

Spawning area:	Mainstem: 55	Tribs:	Total:
Impounded area:	Mainstem: 1052	Tribs:	Total:
Other rearing area:	Mainstem:	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: There are several gravel sections scattered throughout the initial 700 meters of this site. The gravel size ranges from 1/2" to 2"; there is good overhead cover with a fair amount of instream cover.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: This stream has a mostly pool/riffle habitat type with an average gradient of 4%. The substrate is mud with several sections of gravel scattered throughout the site. The amount of cover varies as the stream flows through several differently owned parcels with different land uses. There is also a small amount of water parsley, skunk cabbage and sedges in places.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Bjorndahl Cr is 1.5 meters wide at this point and would not threaten this site during a flood event.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool in the entry area. The initial 29 meters is at 12% grade as the stream steps up to a culvert crossing on 280TH St (LP75) which is a partial barrier.

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

Describe: There are two dam sites (LP72,LP73) downstream that are complete barriers to anadromous fish.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: A trout was observed during the survey.

ENHANCEMENT OPPORTUNITIES: The best enhancement for this site would be to restore fish access to the two dam sites downstream (LP72,LP73).

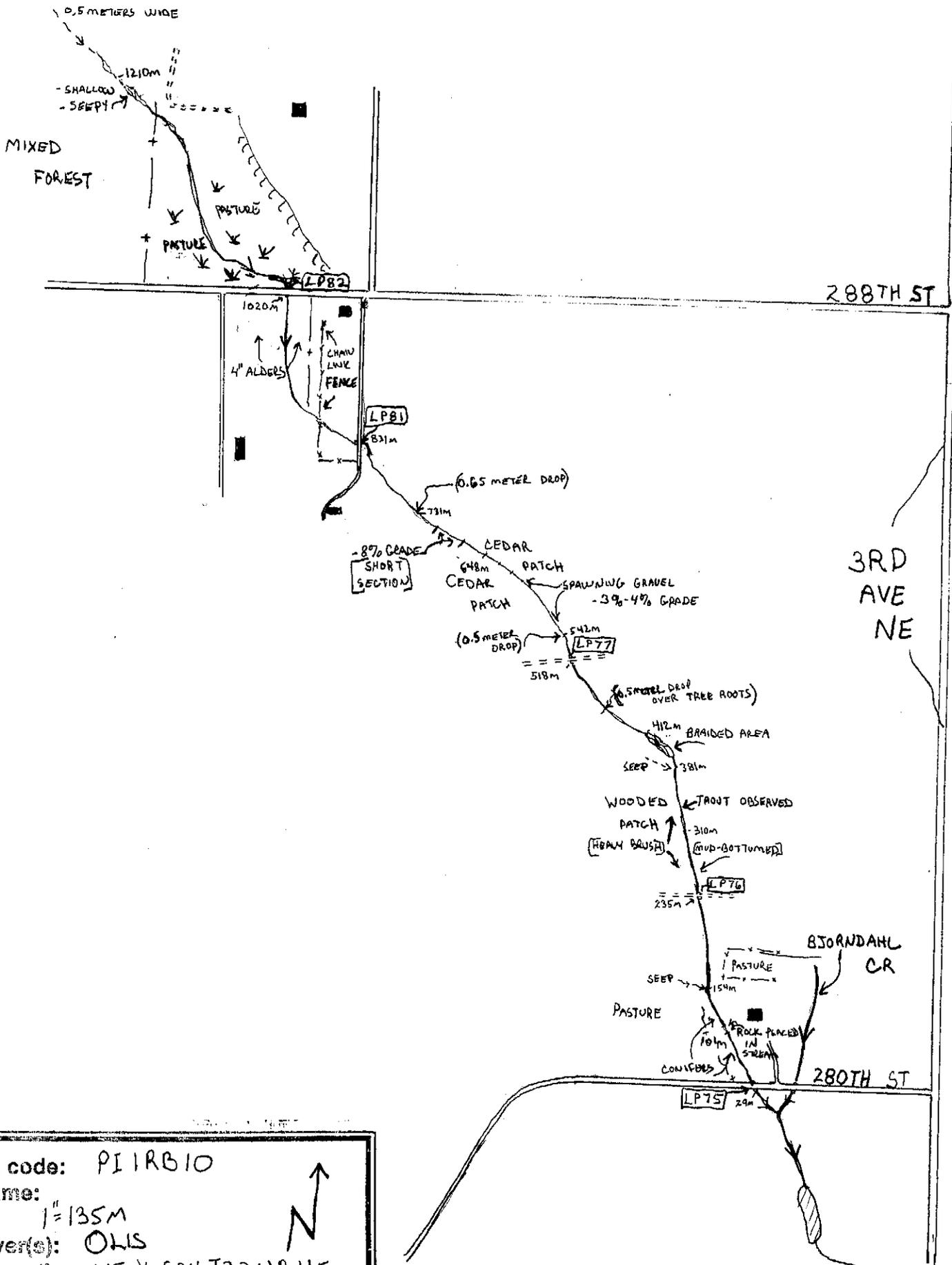
Project type:

Equipment access:

ADDITIONAL COMMENTS: There is a 0.5 meter drop over tree roots at 460 meters and 542 meters. There is also a 0.65 meter drop over tree roots at 731 meters. The survey ended on Pilchuck Tree Farm land as the creek was 0.5 meters wide and seepy.

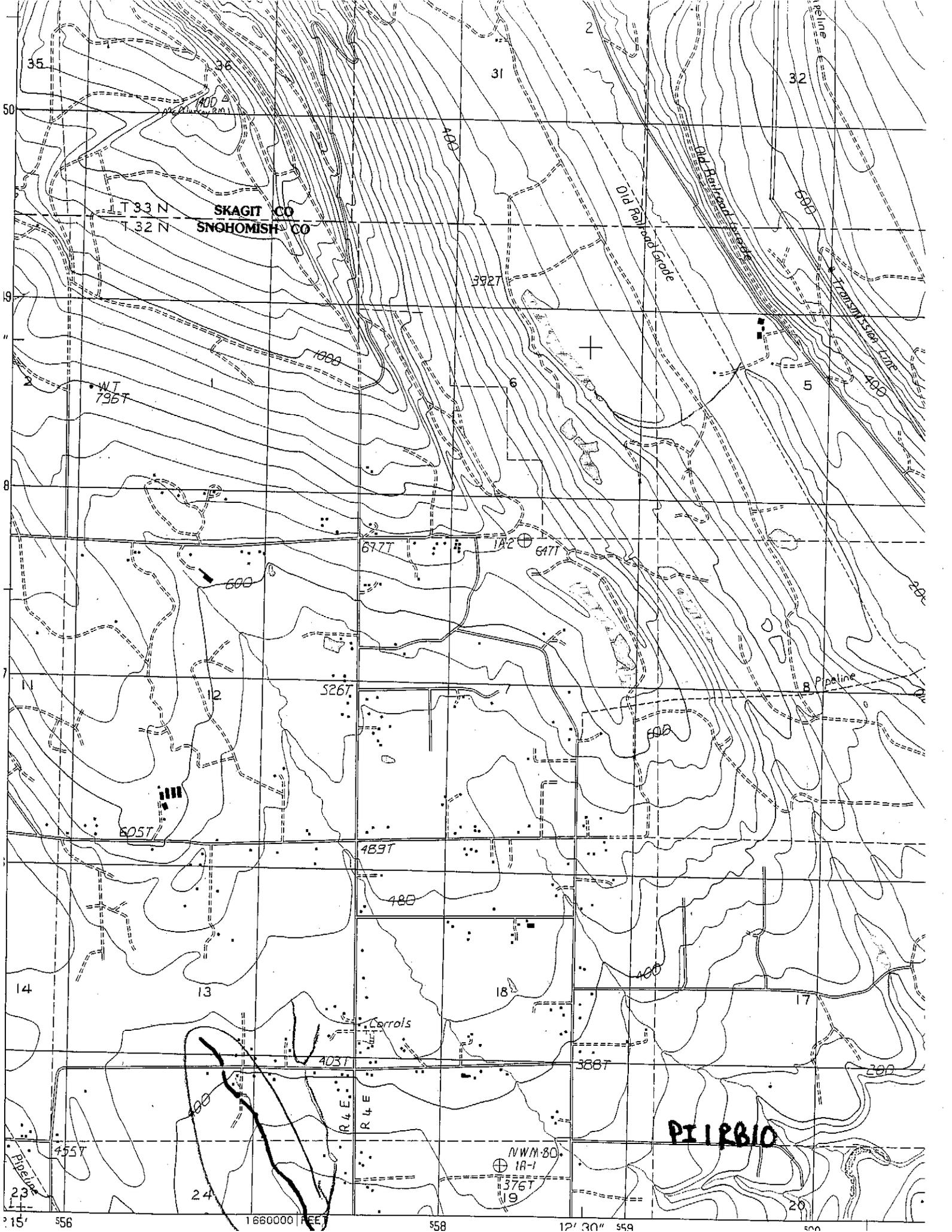
ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: PIIRB10
 Site name:
 Scale: 1" = 135m
 Observer(s): OLIS
 Legal location: NE 1/4 S24 T32N R4E





T 33 N
T 32 N
SKAGIT CO
SNOHOMISH CO

Old Railroad Grade

Pipeline

Transmission Line

Pipeline

PIIRBIO

15'

556

1660000 FEET

558

12' 30" 559

560

NWM-80
1A-1
376T
19

Corrols
R 4 E
R 4 E

23

24

20

7

8

9

50

35

36

31

32

392T

WT
795T

5

6

677T

647T

1A-2

605T

526T

489T

480

400

14

13

18

17

403T

388T

200

455T

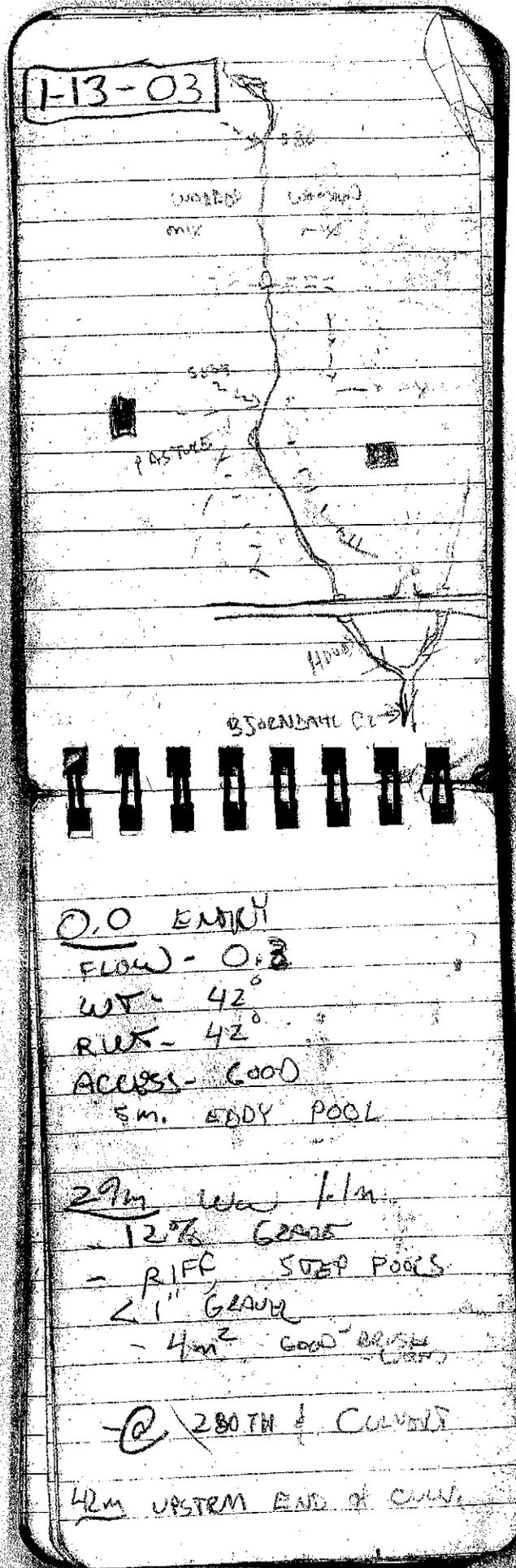
PI 1 RB 10

RM 1.65

NE 1/4 S24 T32 NR4E

X- 1579098

Y- 1068195



101m ww 1m

- MOSTLY RIFF
- 7% GRASS
- 4m²

⊙ MAX. MASS ROCK WEIR
W/ 0.23m DROP

110m ww 2.1m

- SHALLOW, MUD-BOTTOM
POOL

⊙ 2ND ROCK WEIR
W/ 0.2m DROP

132m ww 0.9m

- RIFF/POOL 4m²
- SOME CORAL



154m ww 1.5m

- MOSTLY POOL
- MUD-BOTTOM
- LOW GRADIENT
- SEEP ON RB

165m ww 0.7m

- MOSTLY RIFF

235m ww 1.5

- SHALLOW, SPRING OUT
MUD-BOTTOM
- FLOWS UNDER @ APPROX
TRGS JUST ABOVE 1.5
- HEAVY GROSS
- ⊙ SST

240m UPSTREAM MID
OF PIPE

310m ww 1.6m
- SLOW-MINING DOWN
- MUD-BOTTOMED 2%
- SMALL AREA OF
WR & SKUNK CORRE.

335m ww 1.3m
- SHALLOW
- GRAVEL BOTTOMED
- 7m² 41" GRAVEL

381m ww 0.9m
- 70% RIFFLED
- 30% CORR

- HEAVY BRUSH
- 5m²
- @ SMALL RB FR B
- MAINT. OP IN FOR
INITIAL 20m FROM
IS LESS THAN 1m
- HAS 10% OF RB

393m ww 0.8
- REMAINING OF
BEARDED WEA. TALL
THICK BRUSH

412m ww 1m
- AREA OF SAND
BEARDED CHANNEL

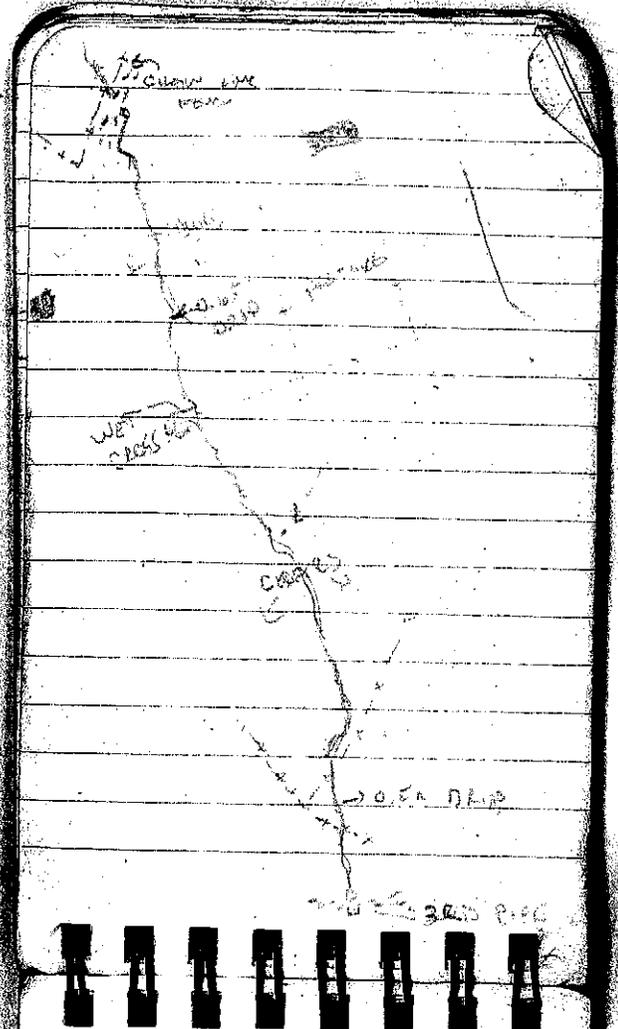
432m WW 0.9m
- @ OLD FENCE LINE

460m WW 0.9m
- 3.5/6 GRADE
- 3m²

500m WW 0.9m
- 6/7 GRADE
- @ 1.5' DROP OVER
- TREE ROOTS

522m WSPR 100 SF
- PIPE

542m WW 0.8 @
- 0.5m DROP & FENCE
- LAB



648m wide 0.9m
 @ SMALL LB TRB
 10m² (3.5%)
 - MOSTLY GRAVEL SUBSTR
 - FLOWS THROUGH NICE
 PATCH OF CURBARS
 } 1' WIDE - INTERMITTENT
 PART OF STEM FLOWS
 UNDER LOG OTHER PART
 HAS A 0.6m DROP
 OVER ROOTS
 688-708m wide
 } 8% GRAVEL

731m w/w 0.9

@ 0.65 m/w/w @

→ B&B RABBIT UNDER
THICK CONDITIONS

- OVER CEDAR ROOTS

823m w/w 0.8m

- @ 0.5m DLOP

832m w/w 0.8m

- @ PRIVATE APART
CULTURE

- 44° 0.5m

