

SITE INFORMATION

Site Identifier :	SS1RB4	Landowner Type :	Private
Site Name :		Landowner Name :	
WRIA :	05.0001X	Address :	
Region :	NS	Address2 :	
Trib to :	SF Stillaguamish R	City :	
River Mile :	18.95	State :	
River System :	SF Stillaguamish R	Zipcode :	
Legal Description :	NW1/4S1T31NR05E	Phone :	
County :	Snohomish	Coordinates	
Habitat Type :	terrace tributary	East:	1,607,773.00 North: 1,052,734.00

Directions :

From the Arlington Heights Rd and the Hwy 530 intersection, go 0.25 miles to Wolfe's Rhodadendrons on the right. The site is located on the bench below and there is an old grade (that is not drivable) that leads from the Rhodadendron nursery down to the lower bench and the site.

Area Overview :

This terrace trib is primarily fed by a small stream that flows under Arlington Heights Road, down a forested draw and onto the lower bench. There is a large amount of over-winter rearing potential on this lower bench but it is somewhat tarnished by livestock use.

Field Survey Information

Date : 2/13/02 **Observer :** Olis **Survey Type :** initial

ABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 0.75
Upper end: <0.1

Water Temperature(C): Lower end: 4.4
Upper end:

Receiving Water Temperature (C): 2.7

Other Observations:

Site Area Measurements: Indirect Direct Combination
Widths: Channel: 2m Ponds: Wetlands: 50m
Depths: Channel: 20cm Ponds: Wetlands: 1m
Total length (includes ponds and wetlands): 1670m

Total existing habitat area (est. m2): 5029

Spawning area:	Mainstem:	10	Tribs:	Total:
Impounded area:	Mainstem:	5019	Tribs:	Total:
Other rearing area:	Mainstem:		Tribs:	Total:
Unaccessible habitat:	Mainstem:	272	Tribs:	Total:

Unaccessible habitat: Mainstem: 272 Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: The spawning habitat is located just upstream of the braided area on the right fork. The gravel size ranges from 1/2" to 2"; there is good brushy cover; and the stream is mostly riffled where the gravel is located.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: The initial 142 meters of the site averages 3 meters in width and has a silty substrate. The banks are incised as well as covered with blackberries and this reach appears to get frequently backwatered by the river. Upstream of the culvert at 142 meters, the stream forks. The left fork slowly flows through a swale that is located in the middle of this bench. A good portion of this fork is in a pasture that is void of vegetation. The right fork is fed by a small stream that flows through a forested draw that Arlington Heights Road crosses. As the stream flows out of this draw onto the lower bench, it becomes braided with skunk cabbage and water parsley present. In between the braided area and the fork at 142 meters, the site is swampy with some beaver activity. There is canary grass, cattails, rush and duckweed present. This section has a steep terrace wall on the right bank with a muddied pasture on the left bank. On the day of the survey, the water was 1 meter deep in this area and was overgrown with canary grass.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: This site is on a lower bench that gets over-topped by the S F Stillaguamish River during flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a large eddy pool present where this site enters the river.

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

Describe: Although no coho were observed during the survey, this site is directly accessible to them. Coho can access all the habitat on the lower bench and up to the high gradient area of the small stream in the forested draw.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: The first 10 pools downstream of the Arlington Heights Road were electro-shocked on 4-22-02. 11 cutthroat trout were turned up and ranged between 3" and 6" in length.

ENHANCEMENT OPPORTUNITIES: Fencing and revegetating the lower bench area would be a good place to start.

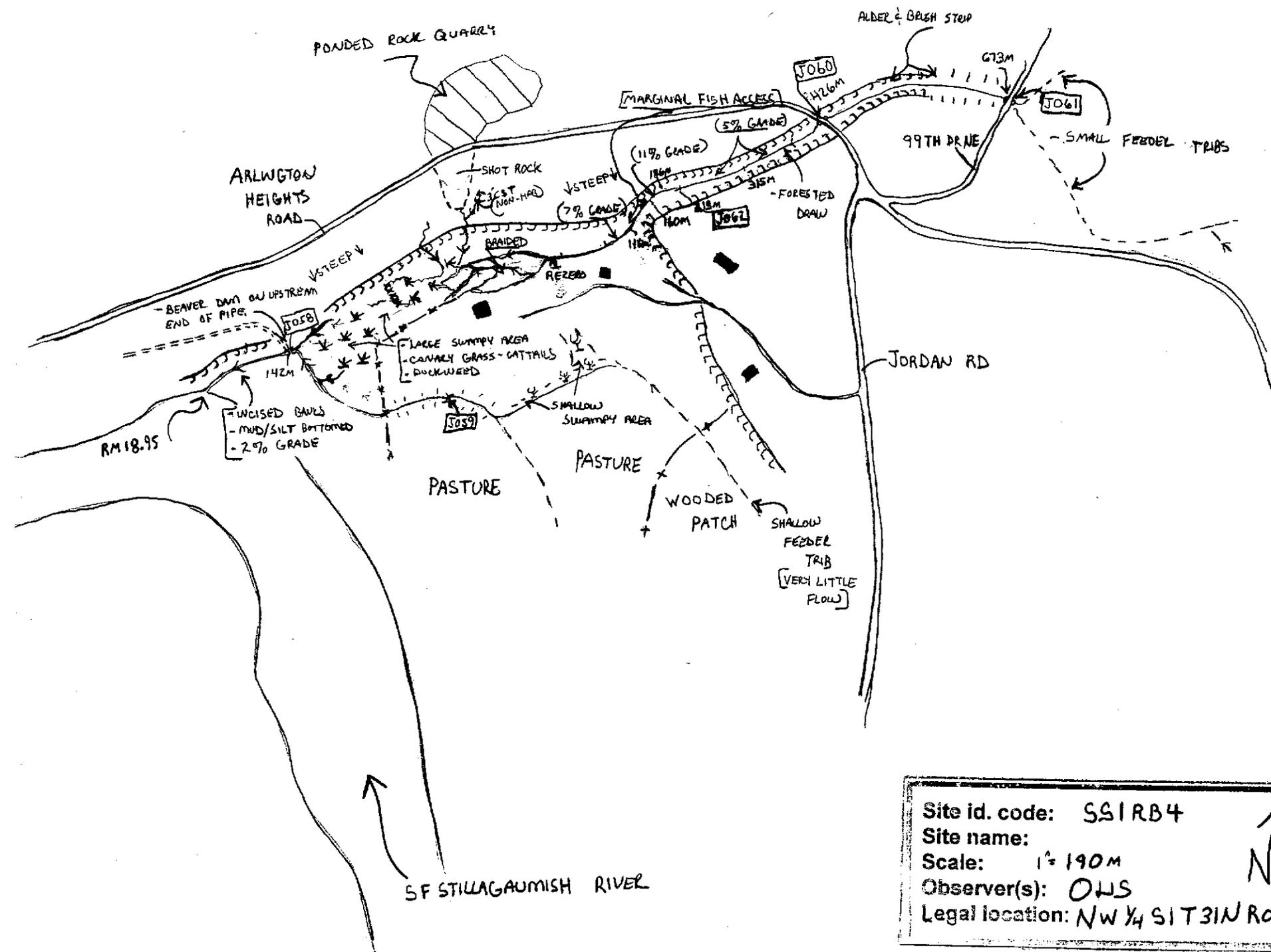
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey was ended at the fork just upstream of 99TH DR NE. There is probable cutthroat use upstream of this road but coho access is doubtfull. Also, there is an old quarry on the opposite side of Arlington Heights Road that is ponded. Water from this pond is piped under Arlington Heights Road and into this site at the braided area on the right fork. There is no fish access up to this pipe as it projects out of the fill well above the site.

ATTACHMENTS AVAILABLE

- Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code:	SSIRB4	
Site name:		
Scale:	1" = 190M	
Observer(s):	OHS	
Legal location:	NW 1/4 SIT 31N ROSE	

551K104

5343

5342

5341

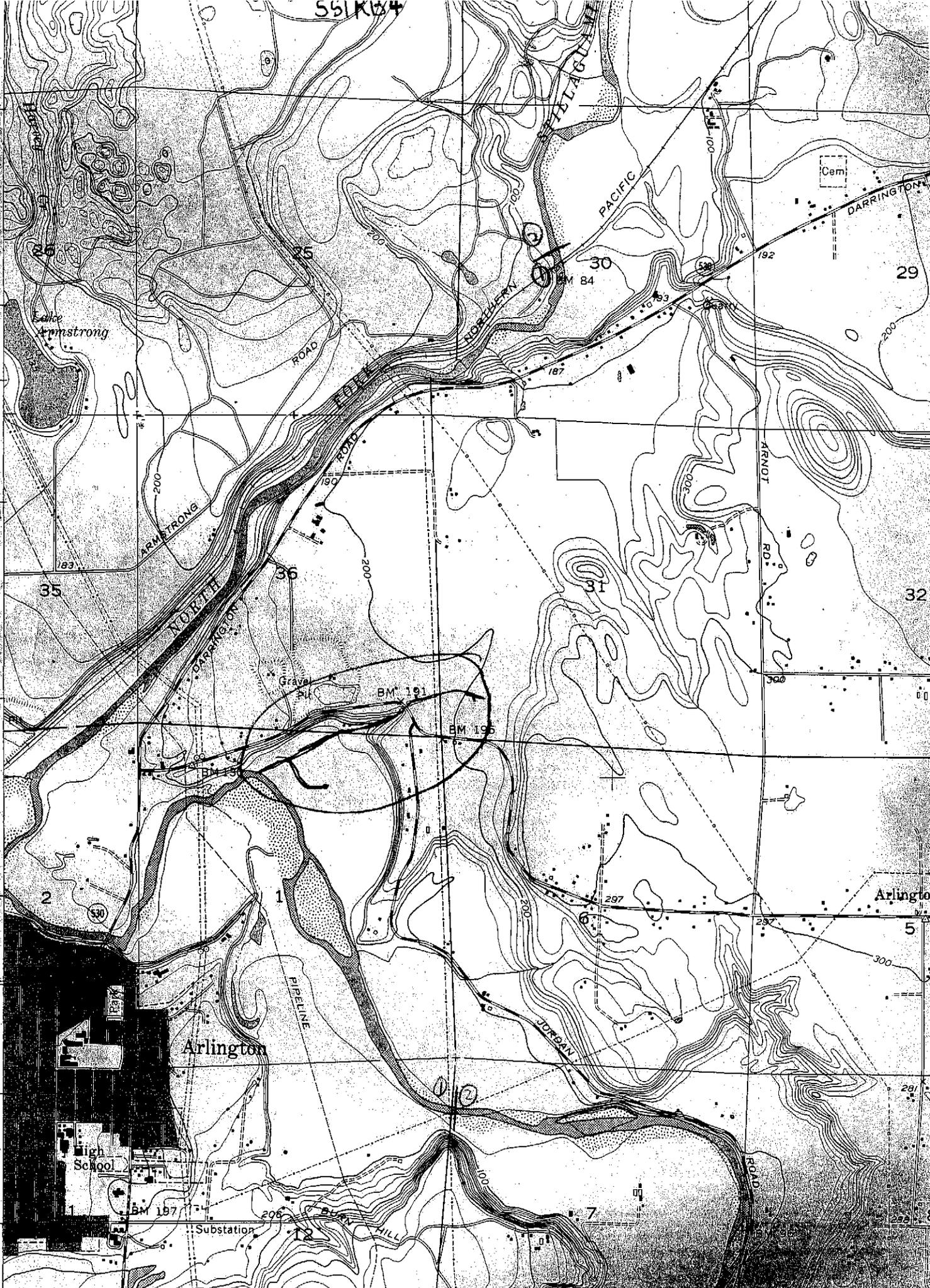
T. 32 N.

T. 31 N.

12'30"

1/4 MI. TO INTERSTATES 5

N.W. (W. WEST) SEDRO WOOLLEY 26 MI.
BRYANT 4.1 MI.



20

25

30

29

35

36

32

2

1

5

28

29

Edna
Armstrong

Arlington

High
School

Substation

Gravel
Pit

Cem.

DARRINGTON

PACIFIC

ARMSTRONG

DARRINGTON

ARNOT
RD.

JORDAN

HILL

ROAD

ROAD

ROAD

BM 191

BM 195

BM 193

BM 197

206

206

BM 84

187

192

300

297

297

300

28

29

551K104

SS1RB4

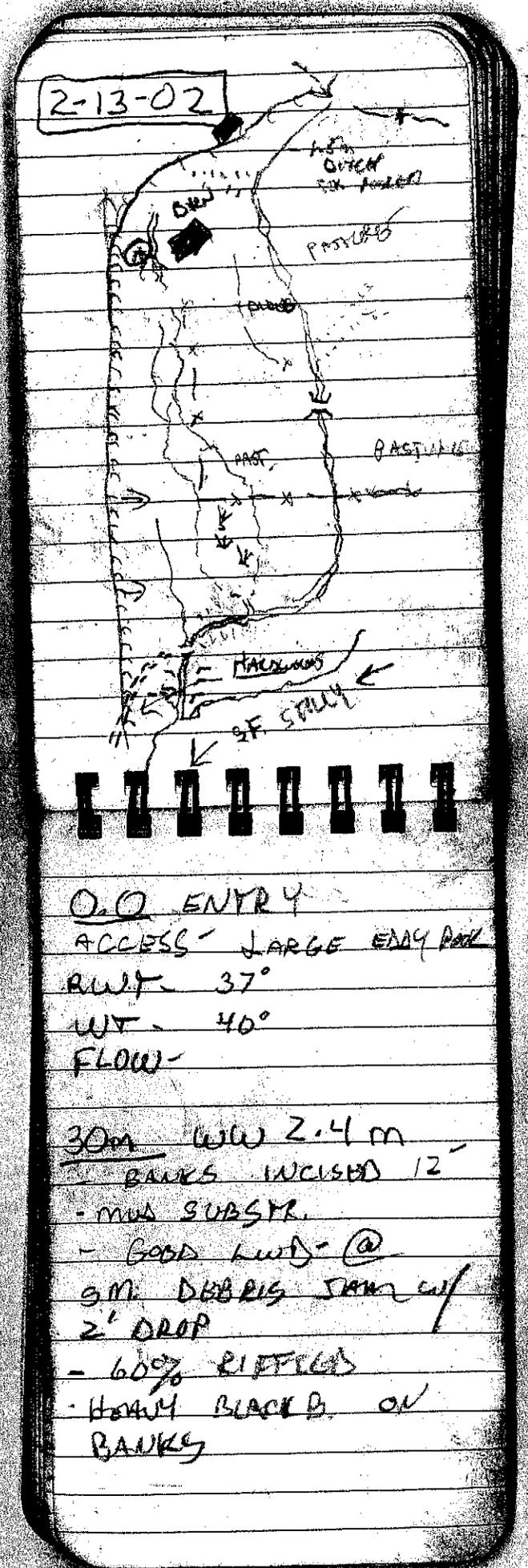
RM 1B.95

NW 1/4 S1 T31W ROSE

x- 1607773

y- 1052734

18,327 m²



52m WW 3m

- 50/50 - 270 GRAB

- @ 1' WIDE TRAP

ON RB - ORIGINATES

FROM WHIL - ~~100~~ 50m

ALONG NEXT TO WHIL?

- @ REMAINS OF OLD

BUR DAM

76m WW 3m

- MOSTLY POOL

- @ KNOCKED OVER

BUR DAM (VERY LITTLE LEFT)

142m WW 3m

- POOL

- BANKS WELSH

- @ CULV. 5058



POOL

- @ F...

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213m WW 3m

- POOL - MUD BOTTOMED

HEAVY SLACK BERRY

213

- (A) Fork

- RF HAS MOST OF THIS
FLOW

- 88 P TO PASTURE

4m POOL V MUDDY

THRU PASTURE 4m W

CANYON ON SOME ROCKS
POOLED

- ALONG EDGE OF PASTURE

3m - SHALLOW POOLED

MUDDY SLURRY

FROM PASTURE EDGE

(ADJAC TO HOUSE &

WATER STREAM

85m WID ORIGIN

IN SHALLOW

0.1 EPS

BLACK BIRDS ON LB

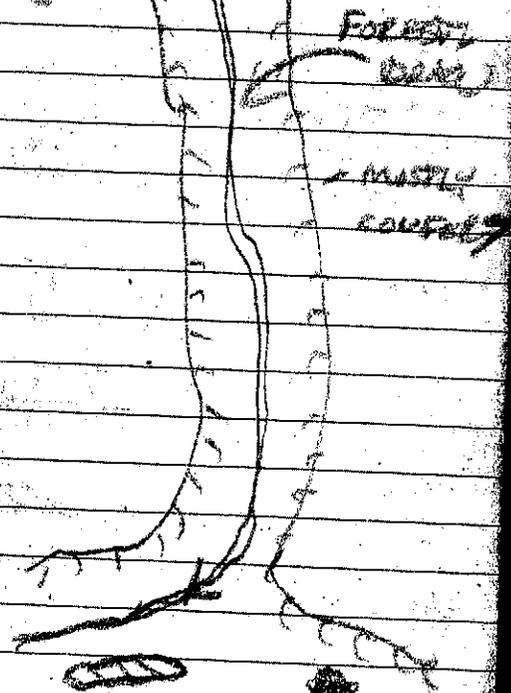
ACROSS ON RB

END OF THIS FOLK

REZULO ON RF

BY BARN (A)

ALLEN RD - WILSONS RD



12m w x 2m
 SAND / GRASS 3m²
 1/2 - 2"

- BRUSHY
- TOP OF GRADED
- SWAMPY AREA
- SOME W. PINE STUBS

8.3m w x 1.3m
 - RIFLED - 6%
 - SAND / GRASS / RATS
 7m² (SHALLOW)

11.6m w x 1.9m
 - SHALLOW - RIFLED
 - 7%

HEAVY BLACKBERRIES

116m

- @ ENTRY OF DRAW

160m w/w 1.4m

MASTLY RIFF 90%

- SOME CASCADE

HEAVY BUCK B

126m E/W 1.2m

- 110% GRASS

- GOOD LWD

- MOSTLY RIFFED

SOME CR



2100m w/w 1.6m

- 5% GRASS

- 60% RIFF

- @ SMALL CHUCK

SITTING SYSTEM

BEHIND

- 0.1%

- CR

BIG

ON

RE

3.5m w/w 1.4m

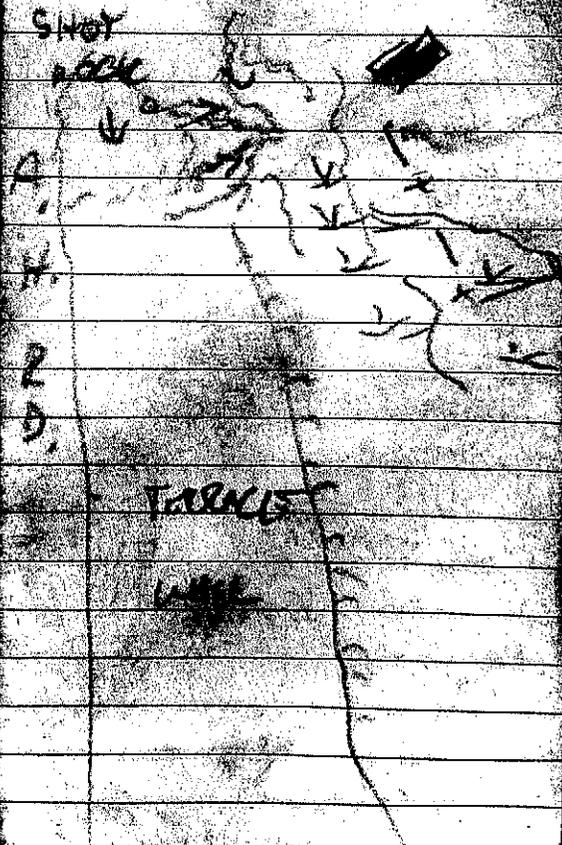
MASTLY RIFF 5%

STL / COBBLE SUB

CONFIDENTIAL DRAW

4/26m w/w l/m

- 67% covered
- MOSTLY RIPPLED
- FEW STAIR/PODS
- SUBSTRATE IS RUST COLOR COARSE
- @ BOX CURV AND ROAD



RECEIVED @ SHOT
ROLL -

50 m BRICKS
SWAMP 4

@ POOL
WALL

129 m @ LOW
BUT DAM - CROCK
2 75 m x 60 m
SWAMP → SH. POOL

209 m SWAMP

- BRICK OF PLOW



AND IN CHANGE
WALL

1.5 m
600 g
BUT DAM

2 m
CONCRETE
HOW TO BUILD

@ POOL
- INCLINED BANKS