

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Exellent

Describe spawning habitat: The spawning habitat is located within the inital 625 meters of the site. The gravel size ranges from 1" to 3"; there is good instream and overhead cover; and the stream is 70% riffled where the spawning gravel is located.

Rearing habitat conditions: None Poor Fair Good Exellent

Describe pond and other rearing habitat: From the mouth to the culvert at 625 meters, the stream ranges from 3% grade to 8% grade as it flows through a small draw in a douglas fir plantation. It is mostly riffled with sections that have step pools and forced pools from woody debris. The substrate is mostly sand/gravel although there is cobble and small boulders at the lower end of the site. Upstream of the culvert to the end of the survey at 867 meters, the stream is very brushy and is at 10% grade initially. There is a 0.5 meter drop and a 0.7 meter drop in this section. 130 meters upstream of the culvert, the stream gradient drops to 6% grade, becomes braided in places, and averages 0.9 meters in width.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: The stream gains in elevation quickly and is not affected by mainstem flooding.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: A riffle of the site meets a riffle of the mainstem at the entry area. The stream gradient is at 8% with step pools for the initial 107 meters.

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

Describe: There were several coho fry observed in the first 625 meters of the site. There were several mounds of gravel in this site that looked suspiciously like old redds.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This site is accessible to trout and provides useable habitat for them also.

ENHANCEMENT OPPORTUNITIES: There is a barrier culvert at 625 meters that could be repaired, however the 232 meters of habitat upstream of the culvert is marginal for coho use.

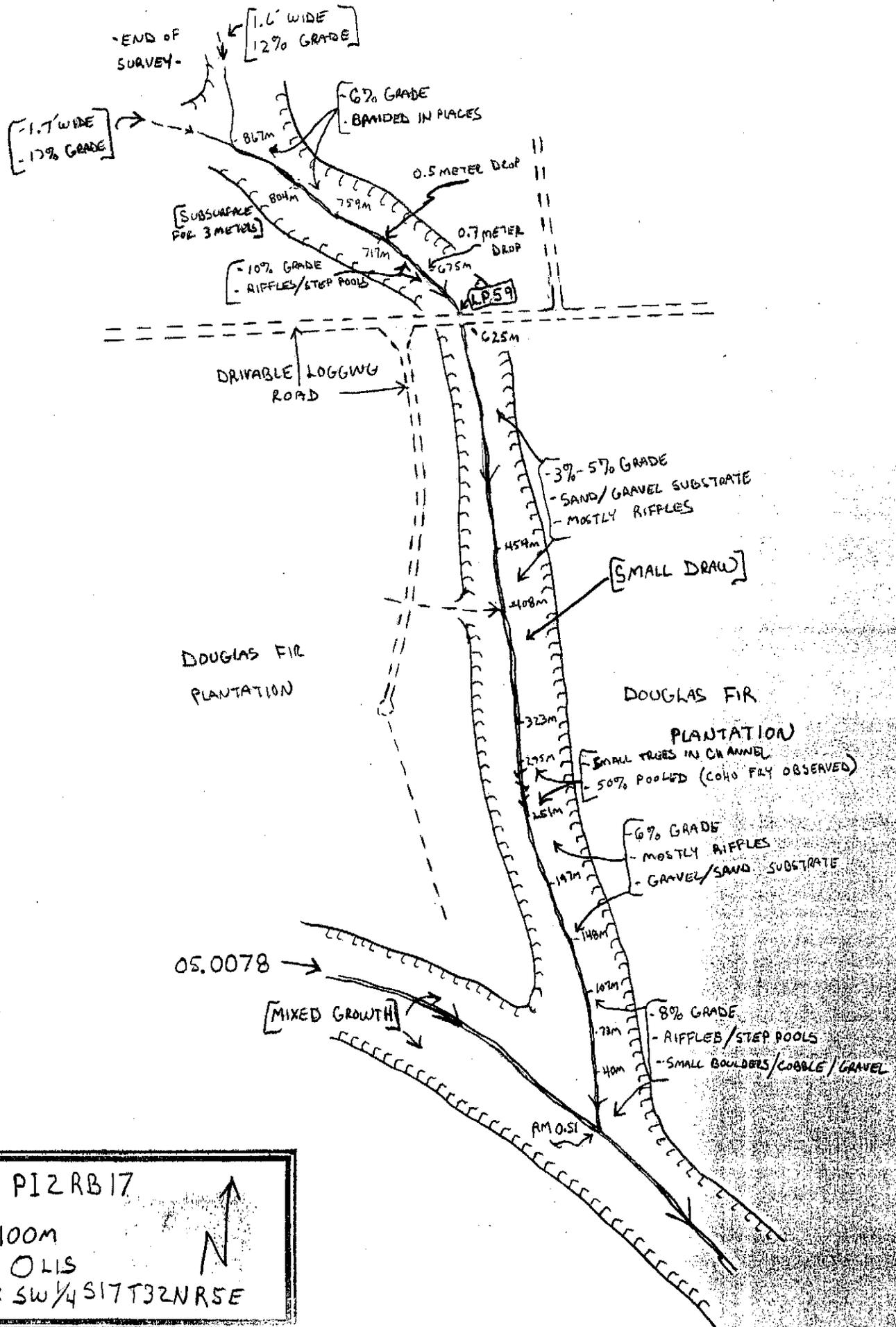
Project type:

Equipment access:

ADDITIONAL COMMENTS: The survey ended at 867 meters where the stream forked into two small streams (< 2 feet) which were increasing in gradient.

ATTACHMENTS AVAILABLE

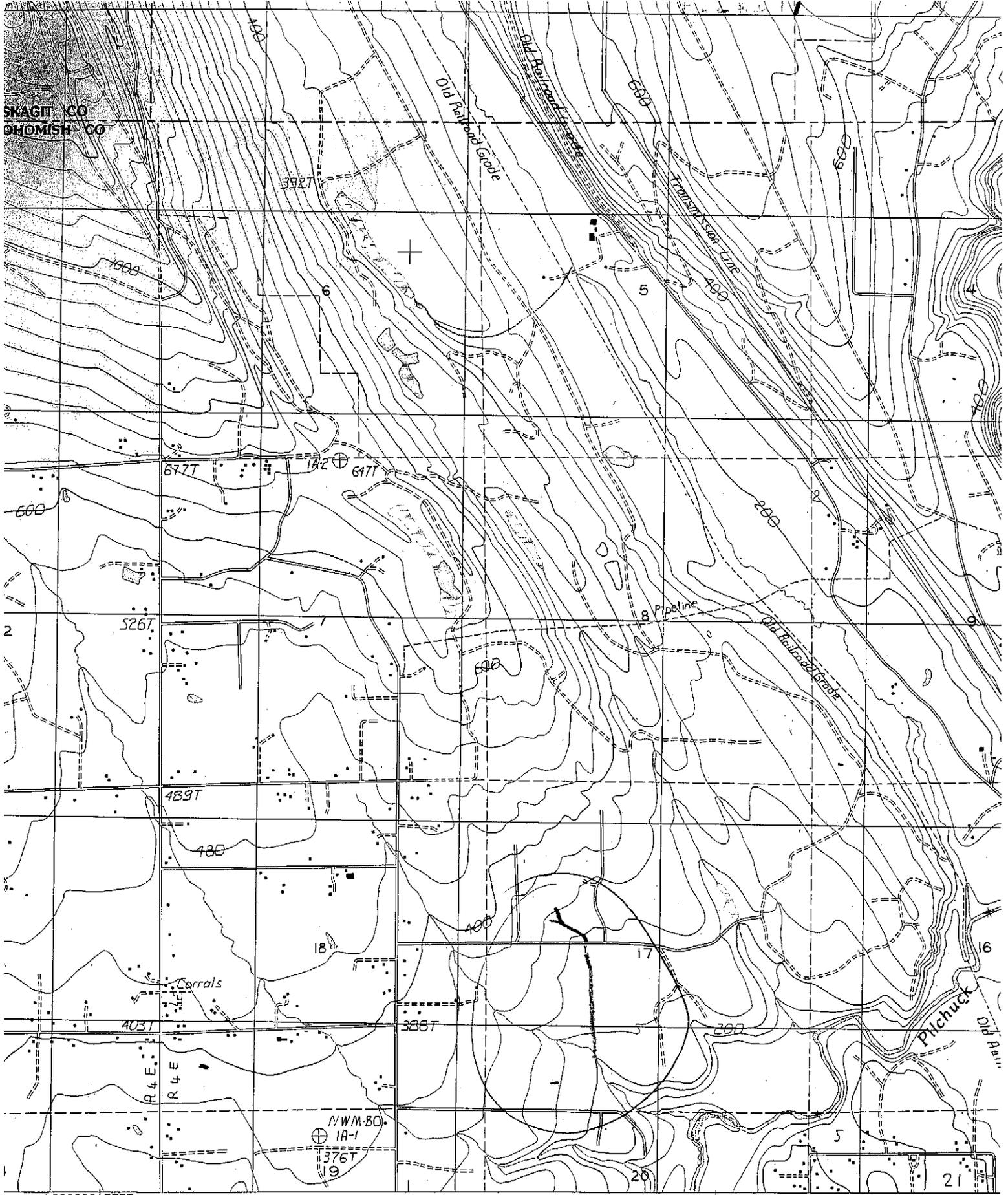
Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References



Site id. code: P12RB17
 Site name:
 Scale: 1"=100M
 Observer(s): OLIS
 Legal location: SW 1/4 S17T32NR5E



SKAGIT CO
OHOMISH CO

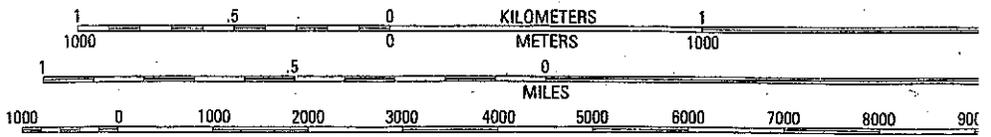


1660000 FEET 558 12' 30" 559 560 561 INTERIOR—GEOLOGICAL SURVEY

IOLOGICAL SURVEY
 ... USGS, NOS/NOAA
 ... 1980-81
 ... 1985
 IT CONFORMAL CONIC
 CATOR ... ZONE 10
 INGTON, NORTH ZONE
 ... 0°36' EAST



SCALE 1:24 000



PIZ RB17

RM 0.51

SW 1/4 S17 T32 NR5E

X- 158 96 55

Y- 107 1437

240 m UPST
FALLS

7-16-02

PIZ RB17
RM 0.51
SW 1/4 S17 T32 NR5E

05-0078

2.0 ENTRY

0.4 CFS UP

44° UP

45°

(RIPPLE M...)

am - ww - 1.1 m

STP POOLS /

ME BOLD /

SAMMOR BERRY -

am - ww - 1.1 m

GR / COBBLE / SAND

- RIPPLE F...

1.07m
8.9% sm sand / coarse
RIF / STA POOLS
E 2.02
LOTS OF WOODY

1.07m
8.9% - mostly RIF

1.07m (LOW) 1.2m
8.9% - 10% POOLS
SMALL W. RB TR
COMES OFF HILL

1.07m
8.9%
MULTI TRS W/

1.07m
8.9%
/ SAND

1.07m
8.9%
POOLS
OF BLK

1.07m
8.9%
COMB FOR
1.07m
8.9%
GRADE
SILT / SAND

3:44 PM W/L 3 M -

AREA OF BRANCH

PLANNING

IN A SLIGHT

WIND

1.2

GRASS

3 M

SPR

SK

ALL TREE ON RB

2.2 WIDE E

AND SURF

WINDS

TO

|||||

1.5 M W/L

MOSTLY R/RP S

DEEP ON RB

MOSTLY SAND

1.2

1.2

1.2

1.2

1.2

1.2

0.5 M DROP

OR OULVET

6:35 M UPSTE

TRAIL

4

@ 675 FURLO

is a P. 7m DIA

177m 4m DIA

-10% 2m DIA

2.5m DIA

2.5m DIA

2.5m DIA

2.5m DIA

2.5m DIA

@ 0.3 DIA

2.5m DIA

② 909 m

STREAM IS 1.6'
WIDE @ 12%
END OF SURVEY

WT → 44°
FLOW - 0.15 CFS

Comments

- GOOD STREAM. NWS
- GOOD ROCKS
- GOOD CREEK LEFT
- WTBK. ?



- Ground water -
SURFACE ISD
- Low FLOOD