SITE INFORMATION

Site Identifier : CA2RB2
Site Name :
WRIA : 03.1411X
Region : NS
Trib to : Cascade R
River Mile : 4.75
River System : Cascade R
Legal Description : NE1/4S15T35NR11E
County : Skagit
Habitat Type : terrace tributary

Landowner Type : Private
Landowner Name : Cascade Park
Address :
Address2 :
City :
State :
Zipcode :
Phone :

Directions :
From the Marblemount bridge, head up the Cascade River Road 4.75 miles to Cascade Park on the right. Go through the gate, stay left at the fork and at the bottom of the hill take the first right. The site is 100 feet up the road as the road bends to the left.

Area Overview :
This is a small, terrace trib which originates from wall-base seepage. It offers a small amount of rearing habitat with no spawning gravel.

Field Survey Information

Date : 10/20/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

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

Flow: ( ) Intermittent(X) Year-round

Estimated Flows (cfs): Lower end: 0.25
Upper end: 0

Water Temperature(C): Lower end: 8.8
Upper end: 9.7

Receiving Water Temperature (C): 5.8

Other Observations:

Site Area Measurements: ( )Indirect (X) Direct ( ) Combination
Widths: Channel: 1.5m Ponds: Wetlands:
Depths: Channel: 15 cm Ponds: Wetlands:
Total length (includes ponds and wetlands): 103m

Total existing habitat area (est. m2): 138

Spawning area:	Mainstem:	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 138	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: (X) None ( ) Poor ( ) Fair ( ) Good ( ) Exellent

Describe spawning habitat:

Rearing habitat conditions: ( ) None ( ) Poor (X) Fair ( ) Good ( ) Exellent

Describe pond and other rearing habitat: Most of the available rearing habitat is on the first 60m of the site. It is half riffled and half pool habitat with good cover. The substrate is sand/silt with occasional small boulders.

Describe unaccessible habitat:

Wetland type: ( ) Bog ( ) Marsh ( ) Scrub-shrub ( ) Forested

Describe:

Flooding potential: ( ) Low (X) Medium ( ) High

Describe: It appears that the lower end will get flooded on occasion but the upper end is somewhat protected by higher ground and the Cascade park developement.

FISH INFORMATION

Site entry condition: ( ) Poor ( ) Fair (X) Good

Describe: There are two 6" to 12" drops within the first 30m of the stream but they both have good plunge pools and appear to be passable for juvenile salmonids.

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

Describe: No fish were observed during the survey but there is accessible habitat for a small amount of juveniles. There are two 6" to 12" drops in the lower end but they appear to be passable to juveniles.

Other species access and use: ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (X) Trout

Describe: This site is also accessible trout.

ENHANCEMENT OPPORTUNITIES: None

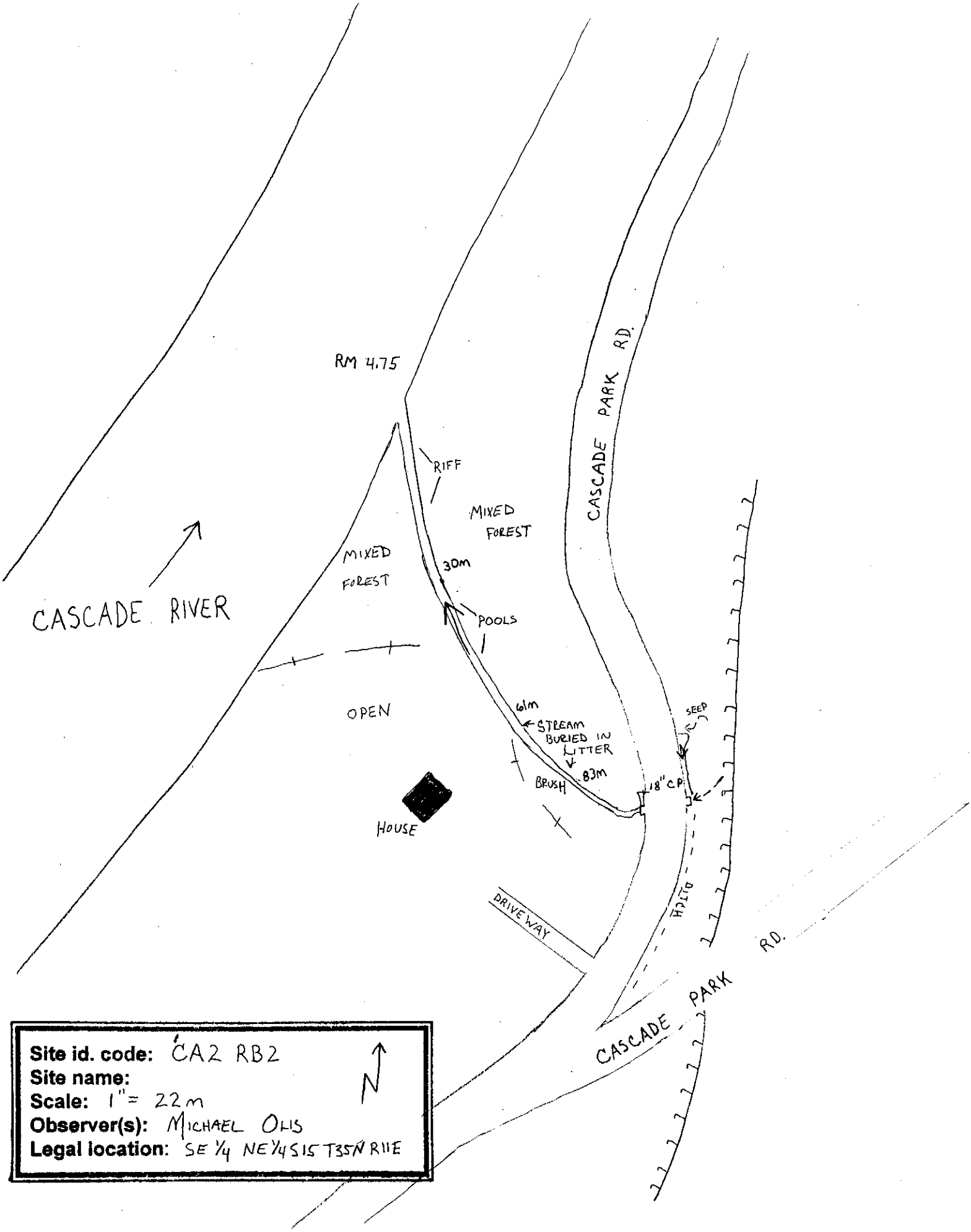
Project type:

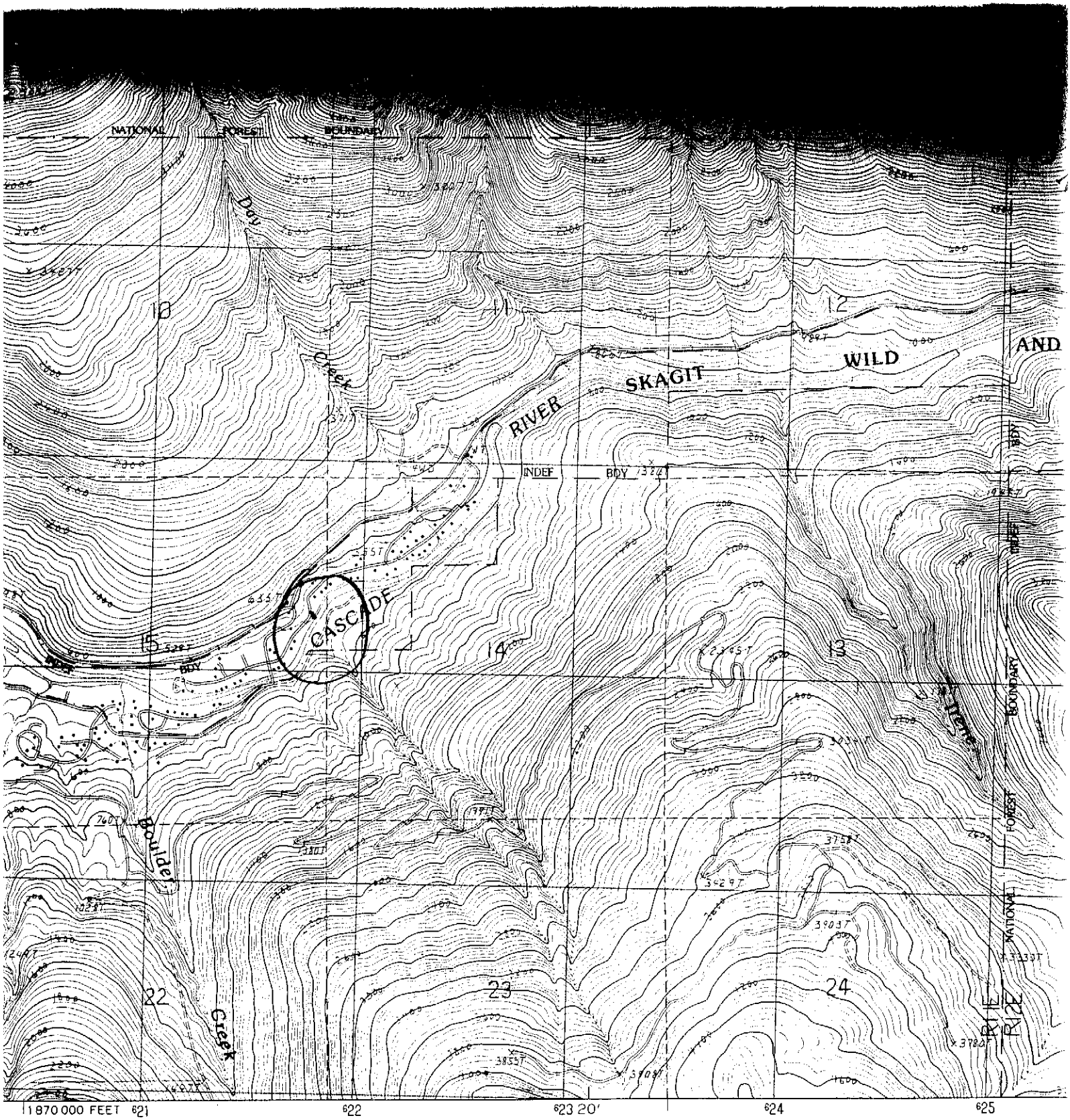
Equipment access:

ADDITIONAL COMMENTS: The section between 60m and 75m appeared to be subsurface on day of survey, but during periods of higher flow, the stream would have surface flow in this area.

ATTACHMENTS AVAILABLE

(X) Aerials (X) Sketch (X) Maps ( ) Spawning Surveys ( ) Juvenile Trapping
( ) Other References


RM 4.75
RIFF
MIXED FOREST
MIXED FOREST
30m
POOLS
CASCADE RIVER
OPEN
61m
STREAM BURIED IN LITTER
83m
BRUSH
SEEP
18" C.P.
HOUSE
DRIVEWAY
DITCH
CASCADE PARK RD.
CASCADE PARK RD.
Site id. code: CA2 RB2
Site name:
Scale: 1" = 22m
Observer(s): MICHAEL OLIS
Legal location: SE 1/4 NE 1/4 S15 T35N R11E
N
1" = 22m



ED STATES GEOLOGICAL SURVEY
..... USGS AND NOS/NOAA
RAPHS TAKEN ..... 1983 AND 1985
6. MAP EDITED 1989
..... LAMBERT CONFORMAL CONIC
NSVERSE MERCATOR ..... ZONE 10
CKS ..... WASHINGTON, NORTH ZONE
..... 1°16' EAST
ION ..... 20°30' EAST
IONAL GEODETIC VERTICAL DATUM OF 1929
..... 1927 NORTH AMERICAN DATUM
North American Datum of 1983, as shown by dashed corner ticks rs east)
idings within the boundaries of any shown on this map

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of

SCALE 1:24 000

1 .5 0 KILOMETERS 1
1000 0 METERS 1000
1 .5 0 MILES
1000 0 1000 2000 3000 4000 5000 6000 7
FEET

CONTOUR INTERVAL 40 FEET

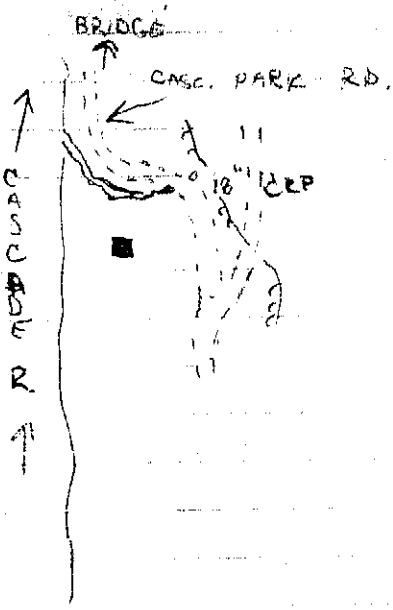
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

CAZ RB2

RM [redacted] 4.75

~~SE¼~~ NE¼ S15T35NR11E

10/20/97



0.0 ENTRY

- REC. WT TEMP -
- STRM TEMP
- FLOW ≈ .25 CFS
- ACCESS - GOOD AD. & JUV

30m WW 2m RIFF

- SUBSTR. SILTY / BOULDERY
- A COUPLE OF SMALL DROPS 6"-12"
- GOOD COVER

61m WW 1.5m

- SLOW MOVING - W/ POOLS
- MORE SANDY SUBSTR.

83m WW .5 m
- WTR SEEMS TO FLOW OUT OF GRND.
- TEMP. 49.5 (SPRING?)
- CHECK OTHER SIDE OF RD.
- SMALL AMOUNT OF REARING

103M WW 1M
- SLOW MOVING
(WTR UNDER LITTER FOR 8m)
- @ 18" CMP UNDER CASC. PARK RD.
- NO HAB @ OTHER SIDE SEEPS OUT OF TOE...

... OF HILL.
- ROAD DITCH CONNECTED ON UPSTREAM SIDE OF CULVERT. MAY FLOW DURING EXT. RAIN PERIODS.