

SITE INFORMATION

Site Identifier : MA1RB1 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0339X **Address :**
Region : NS **Address2 :**
Trib to : Mannser Cr **City :**
River Mile : 1.85 **State :**
River System : Mannser Cr **Zipcode :**
Legal Description : NE1/4S9T35NR6E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

From Sedro Woolley, head east on highway 20 for approximately 9.8 miles to Red Cabin road. Turn left and go 0.1 miles to the Hamilton Cemetary road. Turn right and go 0.1 miles to Crown mainline on the left. Drive approximately 100 yards to the attended gate where they usually wave you through. From the gate go approximately 2.5 miles to a spur road on the left. Turn left and go approximately 0.6 miles to another spur on the left. Take this left for about 0.1 miles and park. Off this old grade is a motorcycle trail that goes down to Mannser Cr. Once you get down to the creek, it is approximately 0.5 miles downstream to the site.

Area Overview :

This is a high gradient trib that appears to be intermittant and offers about 20 square meters of spawning habitat. It has mostly riffled and small cascade habitat with approximately 15% of pooled habitat.

Field Survey Information

Date : 02/04/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end: 2
Upper end: 1

Water Temperature(C): Lower end: 6.4
Upper end: 6.1

Receiving Water Temperature (C): 5.8

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel: 1m Ponds: Wetlands:

Depths: Channel: 12cm Ponds: Wetlands:

Total length (includes ponds and wetlands): 373m

Total existing habitat area (est. m2): 551

Spawning area: Mainstem: 20 **Tribs:** **Total:**

Impounded area: Mainstem: **Tribs:** **Total:**

Other rearing area: Mainstem: 531 Tribs: Total:
Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Exellent

Describe spawning habitat: Consists of: 1"-4" gravel; small amounts of cover from predators; low water depth except in pool areas; and upper spawning habitat is gravel pockets amongst the cobble and small boulders.

Rearing habitat conditions: None Poor Fair Good Exellent

Describe pond and other rearing habitat: This stream has mostly riffled and small cascade habitat. The best over-winter rearing would be in the small pools created by the cascades. The lower section has poor cover but this improves as you head upstream. This stream seems more suitable for trout rather than coho.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Does not appear to be threatened by mainstem flooding but may have high flows of its own during major flood events.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: There is a small eddy pool at the entry area with no obstructions to fish passage.

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

Describe: Site is easily accessible to both juveniles and adult coho. There were couple of redds at the entry area that were probably coho and would expect to find more redds in a year with a good return.

Other species acces and use: Chum Pink Sockeye Chinook Trout

Describe: This trib does appear to be intermittant so it probably has no resident trout population but is accessible to them for 6 to 8 months out of the year.

ENHANCEMENT OPPORTUNITIES: None

Project type:

Equipment access:

ADDITIONAL COMMENTS: It may be easier to access this site from the Hamilton Cemetary Rd. but you would need permission from landowners.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

CLEAR CUT

CLEAR CUT

CUT OFF SURVEY
- HIGH GRADIENT
- LOW WATER

323m

50m

SMALL CASCADES

SUBSTRATE GETTING BOULDERY

SMALL CASCADES

Site id. code: MAIRBI

Site name:

Scale: 1" = 40m

Observer: OLIS

Legal location: NE 1/4 S9 T35 NR6E



239m

SEVERAL 1'-2' DROPS

CLOUDY WATER

MIXED FOREST

GOOD BRUSH COVER

191m

MIXED FOREST

126m

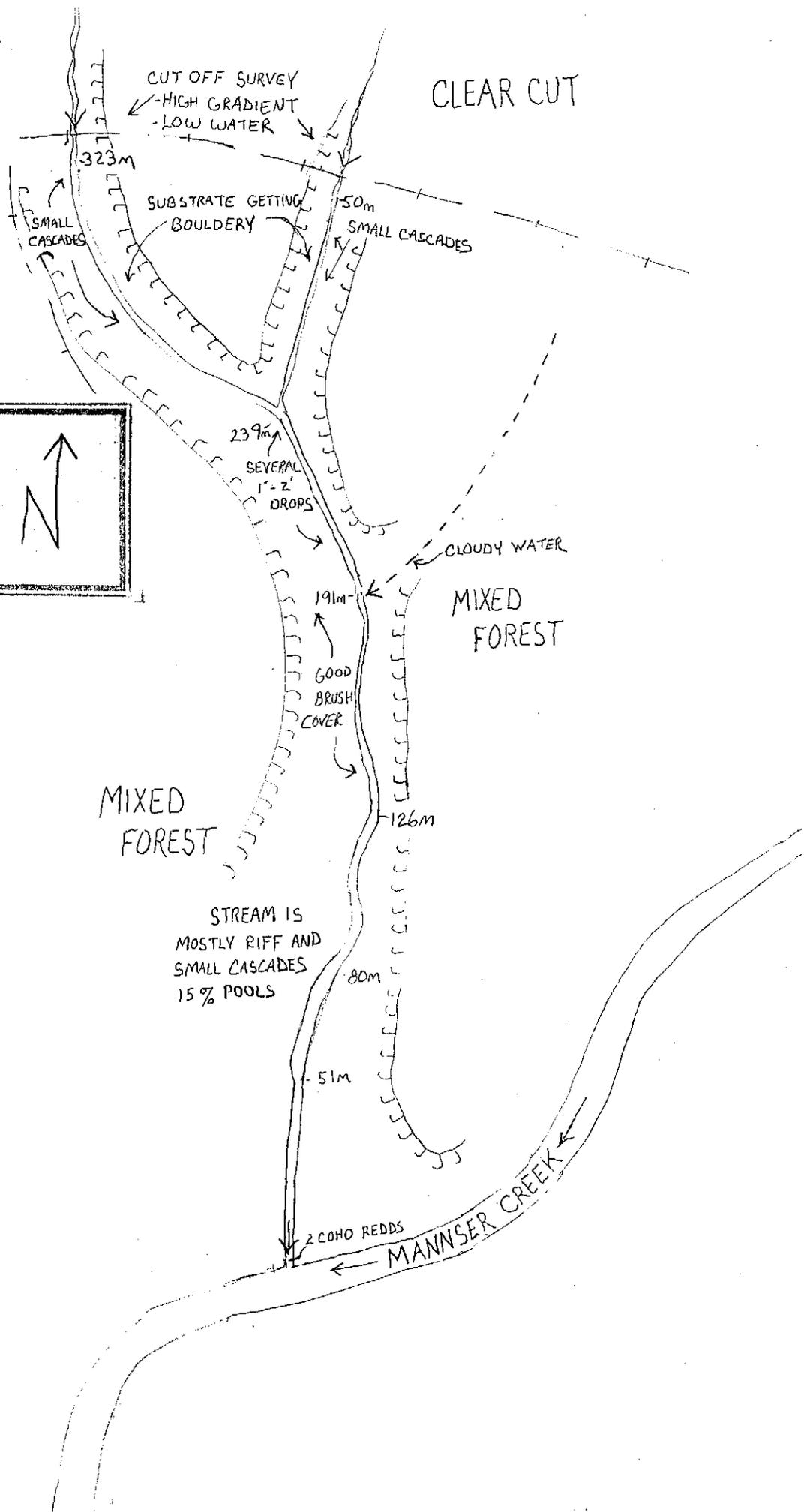
STREAM IS MOSTLY RIFF AND SMALL CASCADES
15% POOLS

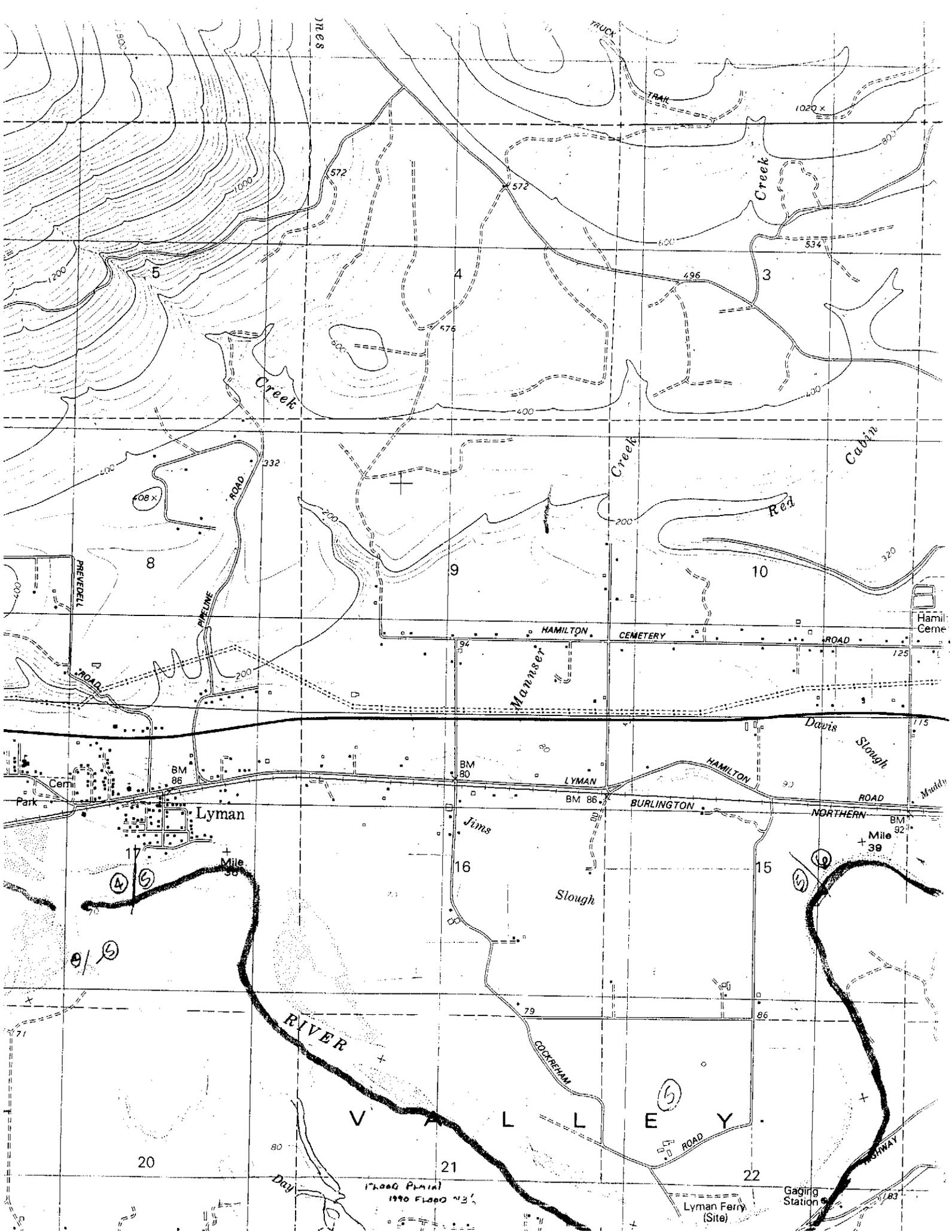
80m

51m

2 COHO REDDS

MANNERS CREEK





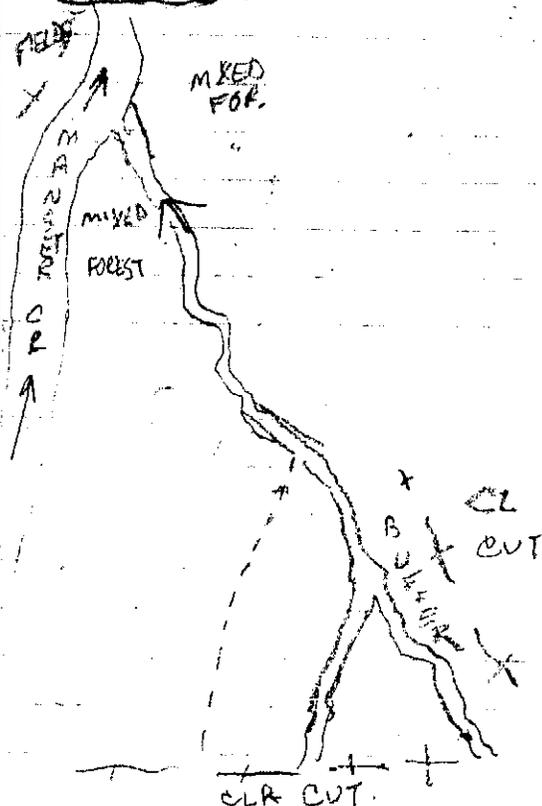
MAIRBI

RM 1.85

NE 1/4 S9 T35N R6E

ASK BRETT

4 FEB 99



0.0 ENTRY

- FLOW - 2 CFS
- WTR TEM - 43.5
- REC WTR - 42.5
- SMALL EDDY POOL @ ENTRY EARLY ACCESS
- 51m WW 2m RIFF
- 1"-4" GRAVEL - SUBSTR.
- 8m² SP HAB
- GOOD OVERGROWTH COVER
- 80m WW 4m
- 2m² SP HAB
- 126m WW 2m
- 2m² SP HAB
- 191m WW 1m
- 4m² SP HAB

191m...

- GOOD COVER FRAG²
BRUSH
- SUBSTRATE HAS MORE
COBBLE
- TRIB ON LB - SEEMS
TO STEEP FOR HABITAT
ALSO HAS CLOUDY WTR
COLOR - INTERMITTANT -
239m WW 1.5m.
- GRADE INCREASING
- PASSED ABOUT FOUR
1'-2' DROPS -
- 4 m² SP HAB
CREEK FORKS
RF HAS 60% OF FLD²

GOING UP RF

323m WW 1.5m

- RIF TO SMALL
CASCADES - STARTING
TO GET A LITTLE
BOULDERY
- GRADE OVER 7% - PROB
END OF COND HAB.
- WTR TEMP 43°
- FLOW - 1 CFS
- ALSO @ EDGE OF
CLEAR CUT

GOING UP LE

@ 50m WW 1m

- PROB END OF COND
HAB TOO HIGH GRADIENT

50m

WTR TEMP - 45°

FLOW - 0.5 CFS

COMMENTS

- ONLY ABOUT 15% POOL - NOT MUCH OVER-WINTER HAB.
- DOES OFFER SOME SPAWNING HAB
- LOW FLOODING PROB. SURFACE FLOW
- YEAR LONG FLOW?
- MAY POSSIBLY HAVE A REDD OR TWO W IT,