

007494

by Eric Soprovich  
28/08/891/ FLOW RECORDER IS NOT INSTALLED.

a) REQUIRES A WEIR FOR PROPER OPERATION OF HARDWARE / SOFTWARE MODULE HOWEVER CAN GET BY GIVING A LEVEL INDICATION RATHER THAN A FLOW

BUT

REQUIRES CHARACTERIZATION OF THE CHANNEL

1/ CHANNEL X-SECTION

2/ FLOW MEASUREMENTS W/

MARSH-MURKINNEY ONE

WEEKLY (LABOUR INTENSIVE)

b) ALSO BATTERY IS ONLY GOOD FOR 5 DAYS BEFORE RECHARGE & THERE IS ONLY ONE RECHARGEABLE BATTERY SO MAINTENANCE IS ALSO LABOUR INTENSIVE

c) THE SITE (IF THERE INDEED WAS ONE) ~~WAS NOT PREPARED~~ WAS NOT PREPARED; (WAS WALKED UP & DOWN THE CREEK) ACCESS IS BLOCKED DUE TO ZONE II DUMP. JUST REQUIRES A LONGER WALK.

2/ I HAD BEEN PLANNING TO DO THIS COME FALL WHEN THE REST OF MY DUTIES SLACKENED A BIT. TOOK SAMPLES CAN BE COLLECTED WHEN THE SNOW FLIES; BUT IF SEPT. 5 IS THE DEADLINE, SO BE IT.

3/ YES THERE HAVE BEEN FLOW MEASUREMENTS IN MAY, JULY, AUGUST ON FARO CREEK & FARO CREEK DIVERSION.

## 4/ SCHEDULE D

PROJECT NO.

## 1. SEEP SURVEYS

- a) FIRST INITIATED / COMPLETE IN JULY
- b) SECOND PLANNED FOR SEPT.

## 2. WASTE DUMPS

- COORDINATION WITH GLEN EILCHMIST TO OCCUR IN SEPT.

3. WASTE ROCK CHARG<sup>s</sup>

- i) NOTHING YET → WAS PLANNED FOR SEPT. / OCT. ; ~~DO I NEED TO MOVE UP?~~ (WILL INITIATE AUG. 29 ERS)

ii) BASED UPON i) ABOVE

iii) NOTHING YET → I WAS HOPING TO GET A GO FOR THIS LATE SEPT. OR EARLY OCT.

iv) NOTHING YET → TO FOLLOW iii) ?

v) NO GO YET

vi) NOTHING YET

## 4. GROUNDWATER STUDIES

i) WELLS IN

ii) FIRST MONITORING PERIOD FOR SAMPLES COMPLETE ; WAS DELAYED UNTIL AUG AWAITING EQUIPMENT

SECOND MONITORING FOR SAMPLES SCHEDULED FOR SEPT.

ZONE II DEEP WELL NOT SAMPLED SINCE DO NOT HAVE PUMP. I AM BUYING THIS. (See 7.ii)

*Yukon College  
proposal*

ii) WATER LEVELS HAVE BEEN MONITORED THROUGH-OUT (FIELD READINGS)

iii) DON'T KNOW WHEN THIS CAN BE DONE (POSS. 4/31)

iv) NOTHING W/OUT ADEQUATE DATA;  
TO FOLLOW

## 5. LOSS FLOW FROM FARO CREEK

i) CHANNEL WAS NOT PREPARED / OR WEIRS IF ESTABLISHED WASHED OUT.

ii) MONTHLY FLOW MEASUREMENTS MADE IN MAY, JULY, AUG.

## 6. COMPACTED PHYLLITE

a) CRACK SURVEY INITIATED ; FIRST SURVEY COMPLETE. SURVEY POINTS REMAIN ON SITE FOR SPRING 1990 REFERENCE.

b) FALLING HEAD TESTS (MODIFIED) INITIATED ; ONE OF THREE REPS COMPLETE

7. ii) WELL INSTALLED IN 1988. I AM IN THE PROCESS OF PURCHASING A GROUNDWATER PUMP TO SAMPLE THIS DEEP WELL.

8. i) GLEN GILCHRIST - COORDINATED FOR SEPT.

ii) FIRST SAMPLING COMPLETE JULY/AUG. UNFORTUNATELY, NO SUSPENDED SOLIDS WERE RUN BY THE LAB. SCHEDULED SAMPLING TO OCCUR IN SEPTEMBER.

iii) PHOTOGRAPHS HAVE BEEN TAKEN AFTER THE PASSING OF THE FRESHET.

## 9. FRESHWATER RESERVOIR

GLEN GILCHRIST TO INSPECT

## I WATER QUALITY MODEL

I CAN FIND NO EVIDENCE A MODEL  
ACTUALLY EXISTS

II. ii) I DON'T THINK THIS WAS UNDERTAKEN  
IN 1988. DATA HAS NOT BEEN  
COLLECTED FROM PREVIOUS YEARS.

11. ii) NOT INSTALLED.

a) WORK BEING DONE FOR MAINTENANCE  
REQUIREMENTS.

11) ROSE CREEK DIV. FLOW RECHORDER  
OPERABLE

## 12. ROSE CREEK WATER QUALITY

ADDITIONAL SAMPLES TAKEN IN AUG.

- 1989
- 1/ UPSTREAM ROSE CREEK UPSTREAM  
OF ANVIL - ROSE CONFLUENCE
  - 2/ ROSE CREEK DOWNSTREAM  
OF ANVIL - ROSE CONFLUENCE
  - 3/ ANVIL CREEK UPSTREAM OF  
ANVIL - ROSE CONFLUENCE

BENTHIC STUDY COMPLETE IN 1988  
(SEVEN YEARS STUDY)

## 13. FISHERIES STUDIES

COMPONENTS i)-iii) UNDERTAKEN BY  
P.A. HARDER & ASSOC.

## 14. TOXICITY STUDIES

THERE HAS BEEN NO MOVEMENT HERE  
YET. THIS WILL BE A GOOD  
WINTER PROJECT.

## 15. IMPACT ASSESSMENT

NO MOVEMENT HERE YET. ANOTHER  
GOOD WINTER PROJECT.

## 16. DESIGN STANDARDS

FARM-OUT TO CONSULTANTS ?

TO GET CAUGHT UP ON ALL OF THESE  
(SCHEDULE D) ;

FOR END OF SEPTEMBER COMPLETION (i.e. THOSE  
TIME-SENSITIVE FOR THE END OF SEPT. - FIELD WORK):

396 MAN-HOURS

WHAT I CAN DO BEFORE SEPT 5 :

3. WASTE ROCK → i) INITIATING TOMORROW  
ii-vi) TO FOLLOW ; DEPENDS  
ON ii) ; AVAIL. GEOLOGIST  
TO SHOW ME THE RX

~~RECORDING STATION~~

11. R.A.F. ROSE CR. → INSTALL THE FLOW METER  
EVEN THOUGH IS NOT SUITED FOR  
OUR PURPOSES.

5/ YES. I HAVE FOUND SOME FLOW RECORDS FOR  
THE ROSE CREEK DIVERSION RECORDER / GAUGING  
STATION. I AM NOT SURE IF MY RECORDS ARE  
COMPLETE HOWEVER. MY UNDERSTANDING IS THAT  
GOLDER'S USED TO "CRUNCH" THE CHARTS.

2.