PROJECT SUMMARY

HIXON CREEK

FLOODPLAIN SURVEY

PROJECT 9410F082

Requested By: R.W.Nichols - Floodplain Mapping Section

Time Code: 325082

Field Time: 16.3 staff/days

Field Book: 2645

Date	Personnel
July 8-15, 1994	M. Pronk, T. Stewart
July 11, 1994	J. Duncan

This field survey was carried out in favourable conditions under the supervision of Mike Pronk.

Accommodation for the crew was at the Talisman Inn in Quesnel.

This floodplain survey project 9410F082 was done in conjunction with an "as constructed" survey of Hixon Creek, project 9411D006.

Hixon Creek has had two (2) flood events recently, one in 1990 and the other in June 1993, which resulted in flood restoration work. Construction of restoration works was from July to November 1993.

Highwater marks from June 1993 flood were obtained at cross sections 1-11 on Hixon Creek during floodplain survey of Naver Creek in July 1993 filed under Project 9321F082.

The survey consisted of thirty (30) cross sections(0.1-11) on Hixon Creek. Cross section Nos. 1-11 are repeats of sections previously run in May 1988 under Project 88RPP-11.

Cross section data obtained in May 1988 would match floodplain mapping of Hixon Creek since the air photography for the mapping was flown in August and September 1989.

Cross sections were tied together by traverse and marked with a bridging bolts on both banks. All cross sections were waded.

Attached is a copy of the survey notes for this project, from drawing no. 95-5-1, with survey data/datum/reference point/etc..

DATA RETURNS:

One Volume to Floodplain Mapping Section Attn: R.W.Nichols

Volume one containing:

-Plan showing cross section locations
Dwg. No. 95-5-1, scale 1:2500
-Project Request
-Hixon Creek profile (at cross sections only) with
water level / thalweg point on date of survey (July 10-15, 1994)
and highwater from June 1993
-3.5 disk and listing of all cross section HEC2 G.R. data
with decimal format (file HIXONCR.GRD)
without decimal format (file HIXONCR.GRC)
-Hixon Creek cross sections 0.1-11 (30 sections)
profile statement/plot H1:1000 V1:100/photographs
bridge sketch H1:500 V1:500 at XS-3 (highway 97 bridge)
-Hixon Creek monitoring cross sections 1-11 (1988 and 1994)
profile statement (1988 and 1994) / double plot H1:1000 V1:100

Technical Surveys Section

One volume containing a complete copy of the Project data and a mylar copy of drawing nos. 95-5-1 on file.

Mike Pronk
Head, Water Survey Unit
Technical Surveys Section