chilak93.sum
PROJECT SUMMARY

CHILAKO RIVER - BEAVERLY CREEK
AT BEAVERLY

FLOODPLAIN SURVEY
PROJECT 9330F043

Requested By: R.W.Nichols Flood Hazard Identification Section

Time Code: 020043

Field Time: 67.4 staff/days (M.Pronk, J.Duncan, H.Brazier, M.Spencer)
13.6 staff/days (B.Board)

Field Book: 2635

Date	Personnel
September 14 to 29,1993	M.Pronk, H.Brazier
September 14,16 to October 1,1993	J.Duncan
September 20 to October 1, 1993	M.Spencer
September 22 to October 1,1993	B.Board

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

Accommodation for the crew was at the Caramel Motel in Prince George.

B.Board, Flood Hazard Identification Section, assisted as a rodperson during the field survey.

Local residents mentioned a highwater occuring from a rainstorm in late June / early July 1993, which coincided with the flooding in Hixon.

The survey consisted of fifty one (51) cross sections on Chilako River; nine (9) cross sections on Beaverly Creek and any highwater marks evident at these sections. In addition bridge/culvert sketches and road profiles were obtained at road crossings.

Water Survey of Canada gauge (08JC005-1972) on Chilako River was tied to Geodetic Datum.

Cross sections were tied together by traverse and marked with bridging bolts on both banks. Cross sections were obtained by a combination of wading and boatwork.

Coordinates are Universal Transverse Mercator, Zone 10,
Central Meridian 123 degrees, NAD83.

Elevations are in metres and referred to Canadian Geodetic Datum, CVD28.

DATA RETURNS:

One Volume to Flood Hazard Identification Section Attn: R.W.Nichols

Volume one containing:

-Topograhpic plan showing cross section locations
 Dwg.Nos. 93-23-1 to 93-23-3 scale 1:5000
-Chilako River profile (at cross sections only) showing
 water level at date of survey (Sept.17-30, 1993); thalweg point
 and highwater from late June / early July 1993
-Beaverley Creek profile (at cross sections only) showing
 water level at date of survey (Sept.22-24, 1993); thalweg point
 and highwater from late June / early July 1993
-Water Survey of Canada Hydrometeric Gauge Description
 Chilako River near Prince George Gauge 08JC005 site 1960/1972
-3.5 disk and listing of all cross section HEC2 G.R. data
 with   decimal format (file CHILAKOR.GRD)
 without decimal format (file CHILAKOR.GRC)
-Chilako River cross sections 1-37, 37.1, 38-39, 39.1, 40-49
 profile statement/plot H1:1000 V1:200/photographs
 bridge sketch H1:500 V1:100 & road profile H1:1000 V1:200
        XS-2/3   CNR railway bridge
        XS-25/26   Lower Mud River bridge
        XS-36/37   Highway 16 bridge
        XS-37.1   abandoned highway bridge (*no road profile*)
        XS-44/45   farm bridge
-Beaverley Creek cross sections 1-9
 profile statement/plot H1:500 V1:100/photographs
 culvert sketch H1:500 V1:100 & road profile H1:1000 V1:200
        XS-7/8   Highway 16

Technical Support Section

One volume containing a complete copy of the Project data and a mylar copy of drawing nos. 93-23-1 to 93-23-3 on file.

Mike Pronk
Projects Manager
Technical Support Section