See Sheet 2

See Sheet 4

New Bridge 1980

Bridge to be replaced 1995

New Highway Alignment 1980

Bridge removed 1992

Bridge replaced 1991

SALMON RIVER

WHITE RIVER

END OF STUDY

WRS MON 745 EL 18.58 m

WRS MON 746 EL 19.70 m

NOTE: 1976 Airphotos do not show new highway bridge constructed over the Salmon River near the confluence with the White River. Flood level calculations utilized highway and bridge data as constructed.

Note: Problems related to channel avulsion, bank erosion, sediment deposition and/or debris jamming have been recorded in many areas of the Salmon River valley.

NOTES

Produced by ... Columbia Inventory and Engineering Branch, Floodplain Mapping Program.

Survey: Field survey done by Planning and Surveys Section, Inventory and Engineering Branch.

Mapping: Base mapping done by Map Production Division, Surveys and Mapping Branch.

FLOODPLAIN DATA

a) Floodplain limit and flood profile were computed using a standard step method modelling technique.

b) Floodplain limits assume the absence of all dykes.

c) Floodplain limits and flood levels include allowance for freeboard.

d) Portions of floodplain boundary not established on the ground by field survey.

e) Floodplain limit are not delineated for side streams and tributaries.

f) Required setback of buildings from the natural boundaries of lakes and watercourses is allow for the passage of floodwaters and possible bank erosion are not shown. This information is available either through local municipalities or the Ministry of Environment.

LEGEND

200 Year Floodplain Limit

Flood levels in metres above G.S.C. Datum

15.5 200 Year Frequency

14.9 20 Year Frequency (freeboard added)

KEY MAP

Scale 1:75,200

REVISIONS

1. MONUMENTS AND ELEVATIONS ADDED   AUG., 1985
2. This drawing has been reviewed to maintain the adequacy, accuracy and usefulness of the existing information as a result of an analysis of the data obtained from the floods of November and December of 1990.
3. Note related to Salmon River valley flood hazards added.
4. Notes on changes to bridges and highway alignment between 1980 and 1991 are based on 1991 airphotos and July 1993 visits to the area.

Province of British Columbia — Ministry of Environment
INVENTORY AND ENGINEERING BRANCH

FILE No. 0305030-9

ORTHOPHOTO MAPPING
DATE OF PHOTOGRAPHY   MAY, 1976

MAPPING INFORMATION
CHECKED   L.S

FLOODPLAIN MAPPING
CHECKED   RWN

ISSUE OF MAPPING
DATE   DEC., 1980

FLOODPLAIN MAPPING
SALMON & WHITE RIVERS

SCALE 1:5000

DRAWING No. A5282-3

SHEET 3 OF 6