



**Use and Limitations of Floodplain Maps**

- Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to risks of development in the map area. Subsequent developments or changes within the floodplain or channel network of the floodplain will affect flood levels and render site-specific map information obsolete.
- Floodplain maps are administrative tools which depict minimum flood elevations and floodplain boundaries. Flooding may occur outside of the designated floodplain boundary.
- Floodplain maps do not provide information on site-specific flood hazards such as land erosion or high water velocity, sudden shifts in the channels of the watercourse or alluvial and debris flow areas.
- Other sources of water, roads, railways or other barriers can restrict water flow and affect local flood levels. Land use changes, such as the removal of floodplain vegetation, changes in land use, changes in the topography of the floodplain or changes in the floodplain boundary can cause flood levels to exceed those indicated on the map. Land subject to a floodplain may be subject to flooding from tributary watercourses.
- Floodplain maps do not indicate whether legal survey boundaries. A site survey is required to reconcile property location, ground elevation and designated flood level information.
- The accuracy of the location of a floodplain boundary as shown on this map is limited by the base topography and is generally assumed to be plus or minus one metre from the true location of the ground contours.
- Professional assistance and detailed engineering analysis are required to address any of the above considerations.

NOTES		FLOODPLAIN DATA		LEGEND	KEY MAP	REVISIONS		ISSUE	ENVIRONMENT CANADA INLAND WATERS		BRITISH COLUMBIA MINISTRY OF ENVIRONMENT		CANADA-BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT		FILE No.
Produced by: <b>NORTHWEST HYDRAULIC CONSULTANTS LTD.</b> 444 BROOKSBANK AVE. NORTH VANCOUVER, B.C. Survey: River survey done by Survey Section Water Management Branch, Project 89-144, and 88FDC-4. a) Horizontal control based on provincial network. b) Elevations are in metres and are referred to Geodetic Survey of Canada datum. ( ) indicate Survey Monument. Mapping: Base map done by Map Production Division, Surveys and Resource Mapping Branch, Project 89-144. a) Contour Interval: 1 metre and greater; spot elevations shown to 0.1 metres with accuracy to ± 0.3 metres, except where noted. b) Grid origin referred to U.T.M. Projection Zone 11.		1. The floodplain areas as depicted on this map have been designated pursuant to the Canada/ British Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment for Canada and the Minister of Environment for British Columbia. 2. The floodplain limits are not established on the ground by legal survey. 3. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions. 4. The floodplain limits assume the absence of all dikes. 5. The floodplain limits and flood levels include an allowance for freeboard. 6. The floodplain limits are not established on the ground by legal survey. 7. The floodplain limits are not established for side streams and tributaries. 8. The required setback of buildings from the natural boundaries of lakes and watercourses to allow for the passage of floodwaters and possible bank erosion is not shown. This information is available either through local municipalities or the Ministry of Environment. 9. MAPS AVAILABLE FROM THE MINISTRY OF CROWN LANDS, SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, VICTORIA, B.C.		 <b>DESIGNATED FLOODPLAIN LIMIT</b>   <b>FLOOD LEVEL</b> (Freeboard included) 200 Year Frequency 20 Year Frequency (METRES G.S.C. DATUM)		No.	DESCRIPTION	DATE	DATE <b>APRIL 1990</b>	<b>FLOODPLAIN MAPPING SLOCAN RIVER</b>		Scale in metres 100m 0 100 200 300 400 500m		N.T.S. MAP No. 82F	FILE No. 34-0700-S.1
DRAWN CHECKED RIVER SURVEY DESIGNED ENGINEER		B.S., T.M.D. B.B. A. B. McLean		RECOMMENDED APPROVED		J.W.B. B.T.W. E.C. B.		SCALE 1:5000 NEGATIVE No.		DRAWING No. 88-26-3 SHEET 3 of 11					