

List and Limitations of Floodplain Maps

Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to data of development in the map area. Subsequent developments or changes within the floodplain (e.g. channelization for construction) will affect flood levels and require site-specific map information products.

Floodplain maps are simplification tools which depict minimum flood elevations and floodplain boundaries. Flooding may occur outside of the designated floodplain boundary.

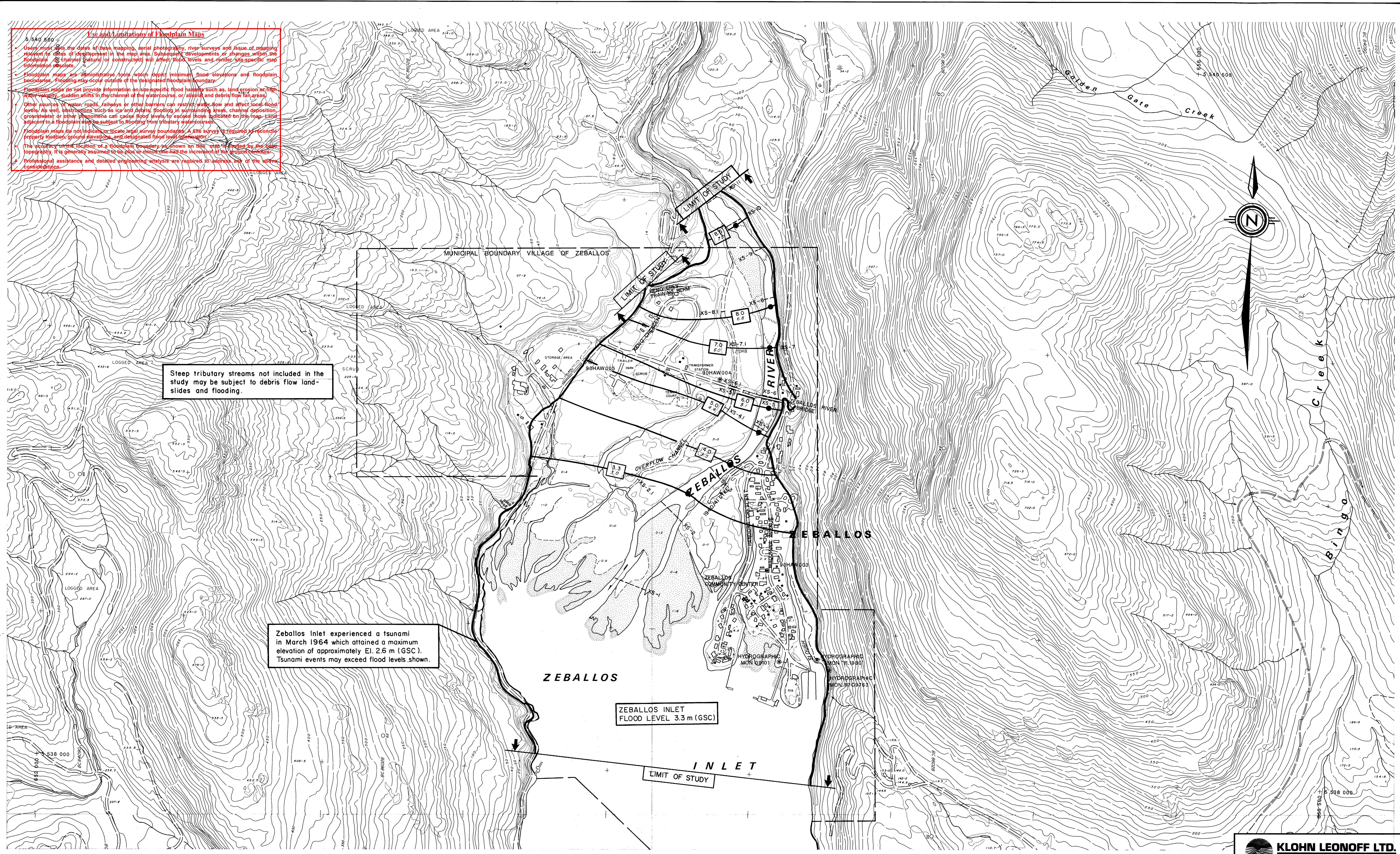
Floodplain maps do not provide information on site-specific flood hazards such as, land erosion, high water velocity, sudden shifts in the channel of the watercourse, or debris flow in areas.

Other sources of water, roads, railways or other barriers can restrict water flow and affect local flood levels. As well, the presence of such as ice and debris, flooding in surrounding areas, channel deposition, groundwater or other phenomena can cause flood levels to exceed those indicated on the map. Land adjacent to a floodplain may be subject to flooding from tributary watercourses.

Floodplain maps do not indicate or locate legal survey boundaries. A site survey is required to reconcile property location, ground elevations, and designated flood levels.

The accuracy and location of a floodplain boundary as shown on this map is limited by the base topography. It is generally assumed to be planimetric, that is, the elevation of the ground is constant.

Professional assistance and detailed engineering analysis are required to address any of the above considerations.



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NOTES		FLOODPLAIN DATA		LEGEND		KEY MAP		REVISIONS		ISSUE OF MAPPING		ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT		CANADA-BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT		FILE No.	
<p>Produced by: British Columbia Water Management Branch, Special Projects Section, Floodplain Mapping Program.</p> <p>Survey: River survey done by Surveys Section, Water Management Branch, July 1990.</p> <p>Mapping: Base mapping done by Map Production Division, Surveys and Resource Mapping Branch, February 1984, 1985, NAD 83. All contours are in metres and are referred to Geodetic Survey of Canada datum. (Indicates Survey Monument).</p> <p>Spot elevations shown to 0.1 metres, except where noted, are to 0.5 metres, except where noted, referred to U.T.M. Projection Zone 9.</p>		<ol style="list-style-type: none"> The Floodplain areas as depicted on this map have been interim designated pursuant to the Canada/British Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment for Canada and the Minister of Environment, Lands and Parks for British Columbia. Flooding may still occur outside of the interim designated floodplain areas. The Ministers do not assume any liability by reason of the designation or failure to designate areas on this map. The Designated Flood has a statistical frequency of occurrence of once every 200 years. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions. The floodplain limits assume the absence of all dykes. The floodplain limits and flood levels include an allowance for freeboards. The floodplain limits are not established on the ground by legal survey. The floodplain limits are not delineated for side streams and tributaries. 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 municipal titles or the Ministry of Environment, Lands and Parks. MAPS AVAILABLE FROM SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, VICTORIA, B.C. 		<p>DESIGNATED FLOODPLAIN LIMIT</p> <p>FLOOD LEVEL</p> <p>200 Year Frequency</p> <p>(METRES G.S.C. DATUM)</p>		<p>Scale 1:250 000</p>		<p>No. DESCRIPTION DATE</p>		<p>DATE: SEPT. 30, 1992</p> <p>DRAWN: F.C.</p> <p>CHECKED:</p> <p>RIVER SURVEY: T.D.</p> <p>DESIGNED: R.F.R.</p> <p>ENGINEER: R.F. Robinson</p>		<p>ENVIRONMENT CANADA / BRITISH COLUMBIA MINISTRY OF ENVIRONMENT</p>		<p>FLOODPLAIN MAPPING</p> <p>ZEBALLOS RIVER</p> <p>Scale in metres: 0, 100, 200, 300, 400, 500</p>		<p>FILE No. 930-5891</p> <p>N.T.S. MAP No. 92E</p> <p>SCALE 1:5 000</p> <p>NEGATIVE No.</p> <p>DRAWING No. REV. 89-45-1</p> <p>SHEET 1 of 1</p>	