

Floodplain Limit

Flood Levels In Metres

Above G.S.C. Datum,

(freeboard included)

15.0-200 Year Frequency

## **Use and Limitations of Floodplain Maps**

- Users must note the dates of base mapping, aerial photography, river surveys and issue of relevant to dates of development in the map area. Subsequent developments or changes with the contraction of the contract of the con floodplain or channel (natural or constructed) will affect flood levels and render site
- Floodplain maps are administrative tools which depict minimum flood elevations a 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 water velocity, sudden shifts in the channel of the watercourse, or alluvial and debris flow fa
- levels. As well, obstructions such as ice and debris, flooding in surrounding areas, channel groundwater or other phenomena can cause flood levels to exceed those indicated on the 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 requ property location, ground elevations, 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. It is generally assumed to be plus or minus one-half the increment of the ground contours. Professional assistance and detailed engineering analysis are required to address any of the above

NOTES

Mapping

Produced by British Columbia Invironmental Management Division, Floodplain Mapping Program

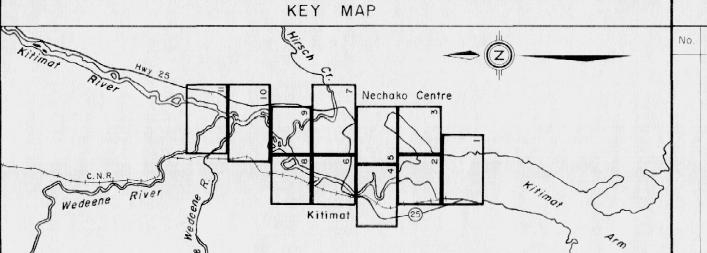
> Field survey done by Surveys Subsection, Water Management Branch

a) Horizontal control based on provincial network b) Vertical control based on Geodetic Survey of Canada (1968)

Base mapping done by Mapping Section, Surveys and Mapping Branch a) Contour interval - 1 metre and greater; spot elevations shown to 0.1 metres, with accuracy to ± 0.3 metres b) Grid origin referred to U. .M Projection, Zone 9 (1975)

Final Floodplain Mapping produced by Planning Subsection, Water Management Branch

- FLOODPLAIN DATA
- a) Floodplain limits and flood profile were computed using a standard step method modelling technique.
- b) Floodplain limits shown assume the absence of all dykes.
- c) Floodplain limits and flood levels include allowance for freeboard.
- d) Position of floodplain boundary not established on the ground by legal survey.
- e) Floodplain limits are not delineated for side streams and tributaries, except as noted. f) Required setback of buildings from the natural boundaries of lakes and watercourses to allow for the passage of flood waters and possible bank erosion are not shown. This information is available either through local municipalities, regional districts or the Ministry of Environment.



Scale 1:250,000

DESCRIPTION THIS MAPPING REPLACES DWG. No. 4918 - 75 - 6 - 2 TO 4 , AS REVISED APRIL 1979.

MAPPING INFORMATION CHECKED L.S.

ISSUE OF MAPPING

DATE March 1982

FLOODPLAIN MAPPING CHECKED R.W.N.

Province of

FLOODPLAIN MAPPING SCALE 1:5000 KITIMAT RIVER RAWING No. A5328-8

Ministry of Environment

WATER MANAGEMENT BRANCH

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Scale in Metres

Approved; Assistant Deputy Minister Illan Muuag ecommended; I walts 8 of 11