

- Users must note the dates of base mapping, aerial photography, river surveys and issues of mapping relevant to dates of development in the map area. Subsequent developments or changes within the floodplain or channel (natural or constructed) will affect flood levels and render site-specific map information obsolete.
- Floodplain maps are administrative tools which depict minimum flood elevations and floodplain boundaries. Floodplain maps 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 channel of the watercourse, or alluvial and debris flow fan areas.
- Other sources of water, roads, railways or other barriers can restrict water flow and affect local flood levels. As well, obstructions such as ice and debris, flooding in surrounding areas, channel deposition, groundwater and 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 property boundaries. A site survey is required to reconcile 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 map. This is generally assumed to be five or minus one-half the (largest of the ground contours).

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

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STUART LAKE
FLOOD LEVEL
683.1 m
(freeboard included)

STUART LAKE
Sowchea Bay
Sowchea Creek
LIMIT OF STUDY
CUT LINE
PIT
SCRUB
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Produced by: British Columbia Water Management Branch,
Special Projects Section, Floodplain
Mapping Program.

Survey: River survey done by Surveys Section
and Management Branch, Project 89-05 P-02
May 1989
a) Horizontal control based on provincial
network.
b) Elevations are in metres and are
referred to Geodetic Survey of Canada
datum. () indicates Survey
Monument.

Mapping: Base mapping done by Map Production
Division, Surveys and Resource Mapping
Branch, Project 83-1377, dated Aug. 1980

a) Contour interval 2 metres and greater
spot elevations to ± 0.5 metres,
with accuracy to ± 0.5 metres, except
where noted.
b) Grid origin referred to U.T.M.
projection.

1. 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 for British Columbia.
2. The Floodplains are designated as such for the purpose of the Floodplain Mapping Agreement. The Ministers do not assume any liability by reason of the Interim designation or failure to Interim designate areas on this map.
3. The Designated Flood has a statistical frequency of occurrence of once every 200 years.
4. The Flood Limits were computed using a standard one method modelling technique, assuming open water flow conditions.
5. The Floodplain limits assume the absence of all dykes.
6. The Floodplain limits and flood levels include an allowance for freeboard.
7. The Floodplain limits are not established on the ground by legal survey.
8. The Floodplain limits are not delineated for side streams and tributaries.
9. The present purposes of this map are to provide information for the design of floodwaters and possible bank erosion is not shown. This information is available either through local municipalities or the Ministry of Environment.
10. MAPS AVAILABLE FROM THE MINISTRY OF CROWN LANDS, SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, 1000 - 1010 STREET, VICTORIA, B.C. V8W 2M5

The diagram shows a cross-section of a river and its floodplain. The river is labeled 'RIVER'. A vertical line indicates the 'DESIGNATED FLOODPLAIN LIMIT'. A horizontal line represents the 'FLOOD LEVEL (Freeboard included)'. The elevation of the river is marked as 450.0. The elevation of the flood level is marked as 450.4. The elevation of the designated floodplain limit is marked as 450.5. The difference between the flood level and the designated floodplain limit is labeled '200 Year Frequency'. The difference between the river elevation and the designated floodplain limit is labeled '20 Year Frequency'.

| No. | DESCRIPTION | DATE |
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| | |
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| DATE | SEPT. 30, 199 |
| DRAWN | T. E. |
| CHECKED | |
| RIVER SURVEY | M. P. |
| DESIGNED | B. B. |

CANADA
 S

OF ENVIRONMENT
 COLONIE-BRITANNIQUE MINISTRE DE L'ENVIRONNEMENT

FLOODPLAIN
 STUART RIVER
 AT FORT ST. JAMES
 (Includes Necosis River)

0 100 200
 Scale in metres

STÈRE

FLOODPLAIN

L'ACCORD CANADA CO
LA CARTOGRAPHIE DE

MAPPING

ER & LAKE

L. JAMES

& Nahounli Creek)

300 400

ntres

500m

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| N.T.S. MAP No. 93K | |
| SCALE 1 : 5 000 | |
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| 89-42-1 | |

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