



**NOTE:**

1. THE FLOODPLAIN LIMITS AS SHOWN ARE WITHIN THE ACCURACY OF THE BASE MAPPING. SITE SPECIFIC GROUND ELEVATIONS SHOULD BE CONFIRMED BY FIELD SURVEY.
2. PROBLEMS RELATED TO MAJOR CHANNEL DISLOCATION, PROPERTY DAMAGE AND DEBRIS OR ICE JAMMING HAVE BEEN OBSERVED IN THE BULKLEY RIVER FLOODPLAIN.
3. PONDING MAY OCCUR UPSTREAM OF TRANSPORTATION ROUTE EMBANKMENTS DUE TO DEBRIS JAMMING AT BRIDGES OR CULVERTS RESULTING IN THE FLOOD LEVELS SHOWN TO BE EXCEEDED.

**Use and Limitations of Floodplain Maps**

- Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping relevant to dates of development in the map area. Subsequent developments or changes within the floodplain or channel natural or construction 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 channel 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. As well, obstructions such as ice and debris, flooding in surrounding areas, channel deposits, 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 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 considerations.

<p><b>NOTES</b></p> <p>Produced by British Columbia Ministry of Environment, Lands &amp; Parks          Resource Inventory and Data Management Branch          Floodplain Mapping Program</p> <p>Survey: River survey done by Ministry of Environment, Lands &amp; Parks          Resource Inventory and Data Management Branch          Water Survey Unit Operations Group, Aquatic Inventory Section          Project # 96-0195</p> <p>Mapping: Base mapping done by Land Department, Geographic Data Rec. Operations Section, Project #2-071, NAD 27          Air Photography Date: 1982</p> <p>© Crown In Right of Canada          All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the publisher.</p>	<p><b>FLOODPLAIN DATA</b></p> <ol style="list-style-type: none"> <li>1. The floodplain areas as depicted on this map have been interin 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 &amp; PARKS.</li> <li>2. The Designated Flood has a statistical frequency of occurrence of once every 200 years.</li> <li>3. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions.</li> <li>4. The floodplain limits assume the absence of all dikes.</li> <li>5. The floodplain limits and flood levels include an allowance for freeboards.</li> <li>6. The floodplain limits are not established on the ground by legal surveys.</li> <li>7. The floodplain limits are not delineated for side streams and tributaries.</li> <li>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, LANDS &amp; PARKS.</li> </ol>	<p><b>LEGEND</b></p> <p>DESIGNATED FLOODPLAIN LIMIT</p> <p>FLOOD LEVEL          (Freeboard included)          200 Year Frequency          20 Year Frequency</p> <p>(G.S.C. DATUM)</p>	<p><b>KEY MAP</b></p> <p>Scale 1:250 000</p>	<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>No.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	DESCRIPTION	DATE				<table border="1"> <tr> <td>ISSUE OF MAPPING DATE September 30, 1996</td> <td>ENVIRONMENT CANADA INLAND WATERS ENVIRONNEMENT CANADA Eaux Interieures</td> <td>BRITISH COLUMBIA MINISTRY OF ENVIRONMENT, LANDS &amp; PARKS COLOMBIE-BRITANNIQUE MINISTRE DE L'ENVIRONNEMENT</td> <td>CANADA-BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES INONDATION</td> <td>FILE No. 35100-30/460-0000 N.T.S. MAP No. 93 L SCALE 1:5000 NEGATIVE No. DRAWING No. REV. 96-10-5 SHEET 5 of 6</td> </tr> <tr> <td colspan="2">DRAWN</td> <td colspan="2" rowspan="3"> <p><b>FLOODPLAIN MAPPING</b></p> <p><b>BULKLEY RIVER</b></p> <p><b>QUICK TO HOUSTON</b></p> <p>Scale 1:5000</p> <p>100m 0 100 200 400 500m</p> </td> <td rowspan="3"> <p>RECOMMENDED <i>R.W.</i></p> <p>APPROVED <i>[Signature]</i></p> </td> </tr> <tr> <td colspan="2">CHECKED</td> </tr> <tr> <td colspan="2">DESIGNED <i>BB</i></td> </tr> <tr> <td colspan="2">ENGINEER <i>R.W. Nichol</i></td> <td colspan="3"></td> </tr> </table>	ISSUE OF MAPPING DATE September 30, 1996	ENVIRONMENT CANADA INLAND WATERS ENVIRONNEMENT CANADA Eaux Interieures	BRITISH COLUMBIA MINISTRY OF ENVIRONMENT, LANDS & PARKS COLOMBIE-BRITANNIQUE MINISTRE DE L'ENVIRONNEMENT	CANADA-BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES INONDATION	FILE No. 35100-30/460-0000 N.T.S. MAP No. 93 L SCALE 1:5000 NEGATIVE No. DRAWING No. REV. 96-10-5 SHEET 5 of 6	DRAWN		<p><b>FLOODPLAIN MAPPING</b></p> <p><b>BULKLEY RIVER</b></p> <p><b>QUICK TO HOUSTON</b></p> <p>Scale 1:5000</p> <p>100m 0 100 200 400 500m</p>		<p>RECOMMENDED <i>R.W.</i></p> <p>APPROVED <i>[Signature]</i></p>	CHECKED		DESIGNED <i>BB</i>		ENGINEER <i>R.W. Nichol</i>				
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