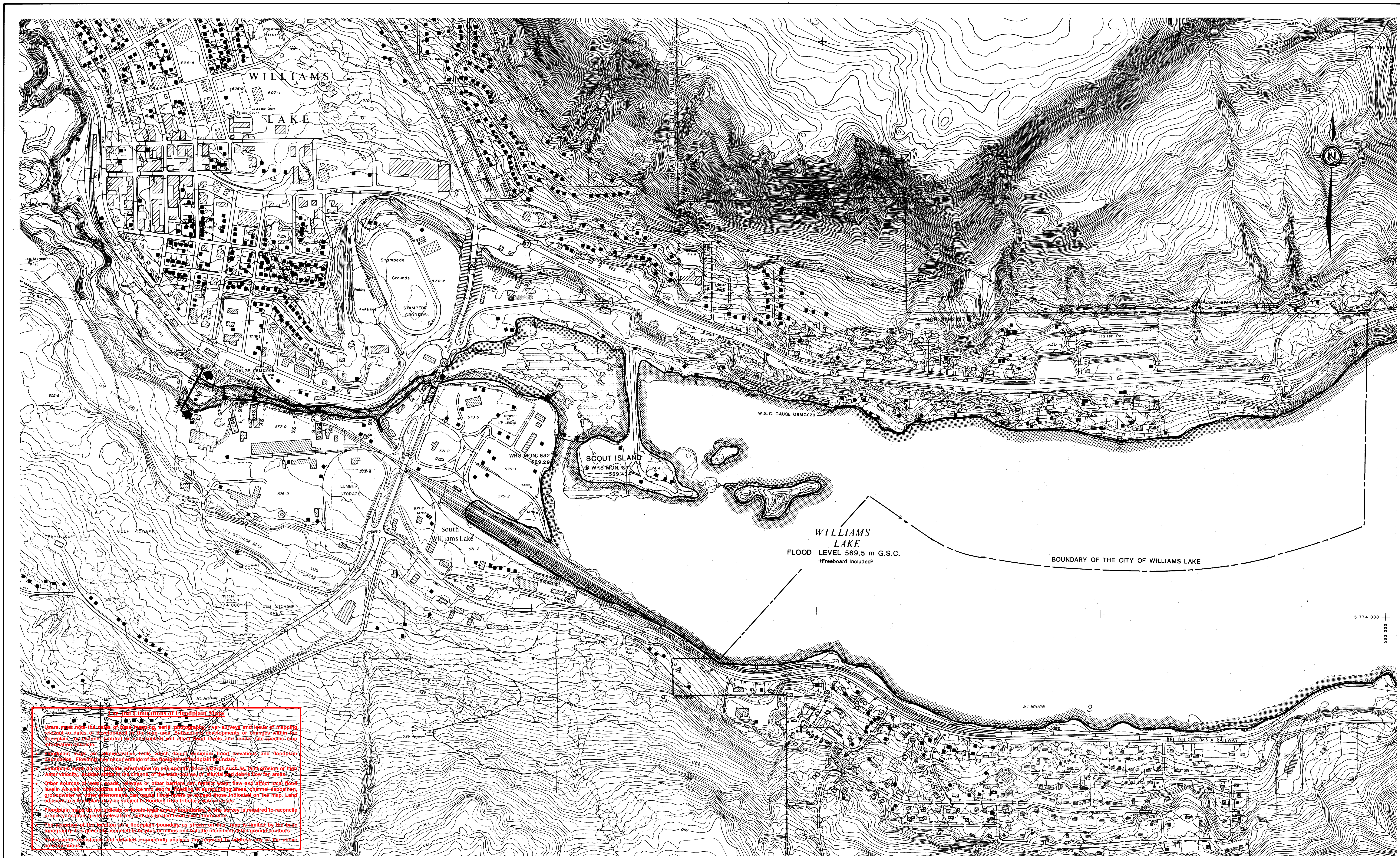




NOTES		FLOODPLAIN DATA		LEGEND	KEY MAP	REVISIONS			ISSUE OF MAPPING		ENVIRONMENT CANADA INLAND WATERS		BRITISH COLUMBIA MINISTRY OF ENVIRONMENT		CANADA-BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT		FILE No.		
Produced by: British Columbia Water Management Branch, Special Projects Section, Floodplain Mapping Program		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 for British Columbia.		 DESIGNATED FLOODPLAIN LIMIT FLOOD LEVEL (Freeboard included) 200 Year Frequency (METRES G.S.C. DATUM)	 Williams Lake Scale 1:250 000 Scale in kilometers Scale in miles	No.		DESCRIPTION		DATE		DATE SEPTEMBER 30, 1990		ENVIRONNEMENT CANADA EAUX INTERIEURES		L'ACCORD CANADA-COLOMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION		00-3900-S.1	
Survey: River Survey (October, 1982) by Water Management Branch, Williams Lake a) Horizontal control based on provincial control points in metres and referred to Geodetic Survey of Canada datum, 1984. b) indicates Survey Monument.		2. The Designated Flood has a statistical frequency of occurrence of once every 200 years. 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 delineated 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 at other 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.				CHECKED		S.C.		DRAWN		FLOODPLAIN MAPPING WILLIAMS LAKE		N.T.S. MAP No.		95B/I			
Mapping: Base mapping done by Map Production Division, Survey and Resource Mapping Branch, Project 81-177 (1989). a) Contour interval is 20 metres and greater; spot elevations shown 50 metres, except where noted. b) Grid origin referred to U.T.M. Projection Zone 10.						RIVER SURVEY		M.J.O., K.K.		DESIGNED		B.B., S.C.		Scale in metres 100m 0 100 200 300 400 500m		NEGATIVE No.		342 890	
						ENGINEER		R.W. Nield		RECOMMENDED		[Signature]		APPROVED		[Signature]		DRAWING No.	REV.
																		88-46-1	
																		SHEET 1 of 2	

SEE SHEET 2

SEE SHEET 1

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 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. 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 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 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.

MON. 80H2855
567.25

BC 60006

W I L L I T S
L A K E

FLOOD LEVEL 569.5 m G.S.C.
(Freeboard included)

SAN JOAQUIN RIVER

BOUNDARY OF STUDY

- 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 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. 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 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 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 topographic map 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.

$$L \quad A \quad K \quad E$$

FLOOD LEVEL 569.5 m G.S.C.
(Freeboard Included)

FLOODPLAIN DATA

KEY MAP

ISSUE OF MAPPING

 ENVIRONMENT CANADA
INLAND WATERS

 BRITISH COLUMBIA MINISTRY
OF ENVIRONMENT

CANADA BRITISH COLUMBIA
FLOODPLAIN MAPPING AGREEMENT

FILE No.
00-3900-S

1. The floodplain areas as designated on this map have been interin designated pursuant to the Canada/Provincial Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment and the Minister of Natural Resources.
2. Flooding may still occur outside of the interin designated floodplain areas. The Ministers do not assume any liability by reason of the interin designation or failure to interin designate areas on this map.
3. The designated flood has a statistical frequency of occurrence of once every 500 years.
4. The flood levels were computed using a standard method of estimating flood peak using a rating curve, 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 usual sources of building materials from the floodplain are not shown. The map does not show the locations of pits 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.
10. MAPS AVAILABLE FROM THE MINISTRY OF CROWN LANDS, SURVEYS AND RESOURCE MANAGEMENT BRANCH, MAPS BC, MAP OF AND AIR PHOTO SALES, VICTORIA

FLOOD LEVEL
(Freeboard included)
200 Year Frequency

(METRES G.S.C. DATUM)

No.	DESCRIPTION	DATE

SEPTEMBER 30, 1990

DRAWN S.C.

CHECKED

RIVER SURVEY M.J.O., K.K.

DESIGNED B.B., S.C.

ENGINEER Rwy

COLOMBIE-BRITANNIQUE MIN
DE L'ENVIRONNEMENT

FLOODPLAIN
WILLIAMS

0 100 200
Scale in m

RECOMMENDED *Phlood*

L'ACCORD CANADA COLOMBIE-BRITANNIQUE
LA CARTOGRAPHIE DES PLAINES D'IONNE

HAPPING
LAKE

300 400 500m

APPROVED *E. E. E. E.*

N.T.S.MAP No.
93B/I

SCALE
1:5 000

NEGATIVE No.
342 891

DRAWING No. REV.

88-46-2

SHEET 2 of

DDfImg