

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.



DIVISION OF WATER RESOURCES BRITISH COLUMBIA	
The floodplain areas shown on this map were determined by the Province of British Columbia under the Floodplain Mapping Program, and have been approved by the Minister of the Environment and Lands and the Minister of Agriculture and Food for British Columbia, pursuant to the International Agreements between the Province of British Columbia and the Government of the United States of America regarding the Floodplain Mapping Program.	
Flooding may occur outside of the designated floodplain areas. The Ministry does not assume any liability for damage to property or loss of life or property resulting from the use of this map.	
Floodplain: The channel of the watercourse and those portions of the floodplain which are required to discharge the flow of a designated flood. A minimum required floodway shall be equal to the width of the channel within the natural boundary plus a minimum set- back of 10 metres from the natural boundary on each side of the channel unless otherwise approved by British Columbia.	

SEE REVISION NO. 1

SEE SHEET 5

MAPPING

BRITISH COLUMBIA WATER RESOURCES SERVICE FLOODPLAIN MAPPING PROGRAM

- 1) **SURVEYS** SEE REVISION NO. 1
 - a) Horizontal Control based on Provincial Network
 - b) Vertical Control based on Geodetic Survey of Canada (1968)
- 2) **MAPPING** SEE REVISION NO. 1
 - a) Contour interval 1 metre and greater. Spot elevations shown to 0.1 metres with accuracy ± 0.3 metres.
 - b) Grid origin referred to UTM Projection Zone 10

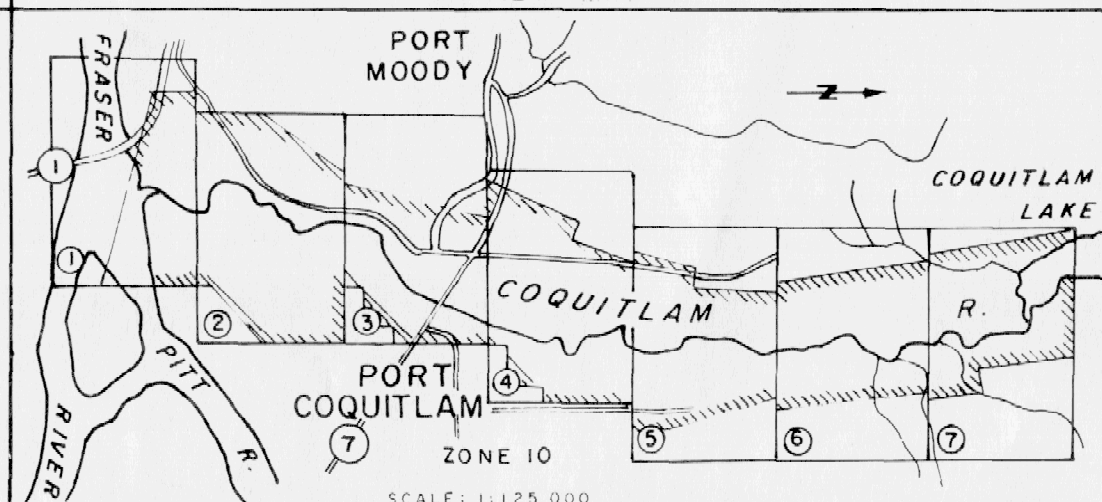
FLOODPLAIN LIMITS

- a) Flood profiles were computed by a standard step method modelling technique.
 - b) Floodplain Limits shown assume absence of all dikes.
 - c) Floodplain Limits and Flood Levels include allowance for freeboard.
 - d) Position of floodplain boundary not established on ground by legal survey.
 - e) See "Flood Control Requirements" for minimum distance allowed from building to natural boundaries of water courses and lakes.
 - f) Floodplain Limits are not delineated for side streams or tributaries.
- * Correspondence to Municipalities, Oct 30, 1973.

LEGEND

- 200 Year Frequency Floodplain Limit
- 20 Year Frequency Floodplain Limit
- XS 5.0 • River Cross Section and Profile Point
- Flood Levels in Metres
- 4.9 200-year frequency
- 3.7 20-year frequency

KEY MAP



REVISIONS

NO	DESCRIPTION	DATE
1	AN AVERAGE COMBINED SEA LEVEL AND SCALE FACTOR OF 0.99958742 MUST BE APPLIED TO OBTAIN UTM COORDINATES, 1927 DATUM	AUG. 1994

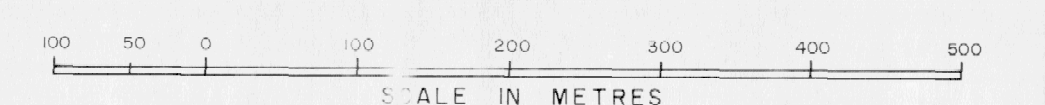
ORTHOPHOTO MAPPING

DATE OF PHOTOGRAPHY	JUNE 1976
MAPPING INFORMATION	CHECKED
FLOOD PLAIN INFORMATION	CHECKED
ISSUE OF MAPPING	CHECKED
DATE	OCT. 1976

BRITISH COLUMBIA DEPARTMENT OF ENVIRONMENT WATER RESOURCES SERVICE WATER INVESTIGATIONS BRANCH

COQUITLAM RIVER WATER MANAGEMENT STUDY

FLOODPLAIN MAPPING COQUITLAM RIVER

RECOMMENDED
DIVISION CHIEFAPPROVED
DEPUTY MINISTER

FILE NUMBER

0310213-8

SCALE

1:5000

DWG NO.

5148-6

REV. 1

SHEET 7