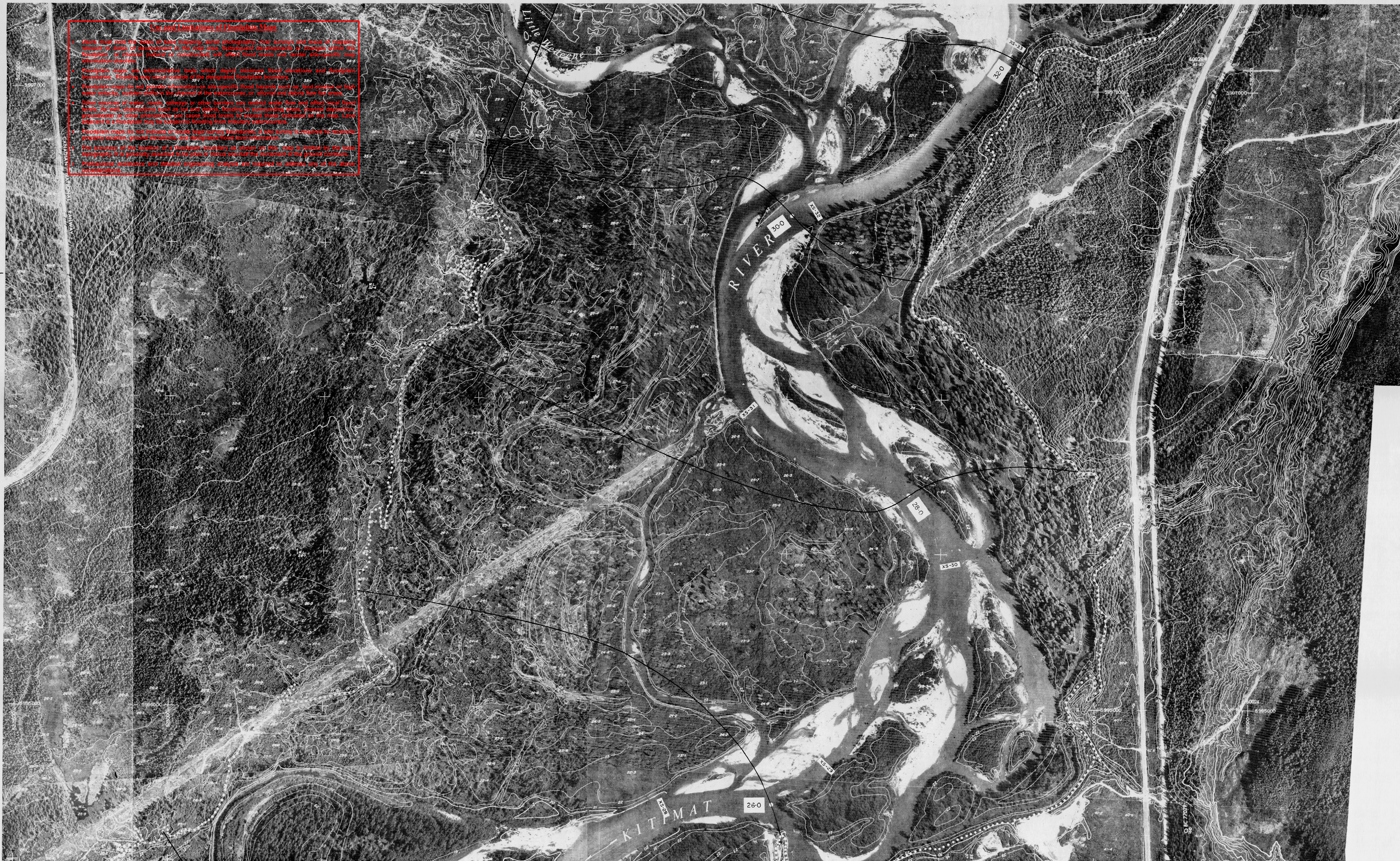


### Aspects Limitations of Floodplain Maps

- 1. Maps show only the state of base topography. They do not show the state of existing floodplain or state of development in the flood area. Subsequent development of floodplain with the passage of time may cause river to change its course and flood plain boundaries may change.
- 2. Floodplain maps are reference maps which show minimum flood elevations and floodplain boundaries. Flooded area depends on the designated floodplain boundary.
- 3. Floodplain maps do not show any information on site specific flood hazards such as flood erosion or loss of water specific to the nature of the watercourse or alluvial and flood plain area.
- 4. Flood mapping is done using various methods. The natural water flow and other local flood maps. The maps show flood levels as for some years. Floods in some years may be different. Floods in some years may be different. Floods in some years may be different.
- 5. Floodplain maps do not show any information on site specific flood hazards such as flood erosion or loss of water specific to the nature of the watercourse or alluvial and flood plain area.
- 6. The accuracy of the location of floodplain boundary as shown on the map is based on the base topography. A changing base topography may cause flood levels to change. Flood levels may change.
- 7. Floodplain maps do not show any information on site specific flood hazards such as flood erosion or loss of water specific to the nature of the watercourse or alluvial and flood plain area.



SEE SHEET 8

SEE SHEET 9

### NOTES

Produced by British Columbia Environmental Management Division, Floodplain Mapping Program

Survey 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)

Mapping 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.

### LEGEND

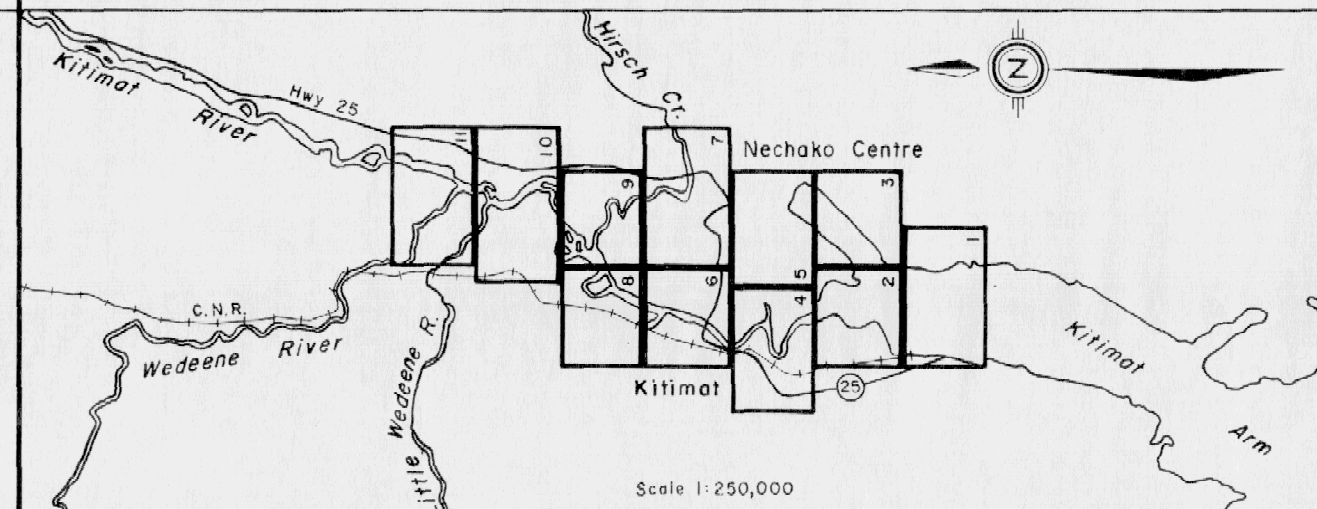


200 Year  
Floodplain Limit

Flood Levels In Metres  
Above G.S.C. Datum  
15.0 - 200 Year Frequency

(freeboard included)

### KEY MAP



### REVISIONS

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

### ORTHOPHOTO MAPPING

DATE OF PHOTOGRAPHY	June 1977
MAPPING INFORMATION	CHECKED L.S.
FLOODPLAIN MAPPING	CHECKED R.W.N.
ISSUE OF MAPPING	DATE March 1982



Province of  
British Columbia

Ministry of Environment  
WATER MANAGEMENT BRANCH

### FLOODPLAIN MAPPING

## KITIMAT RIVER

100 0 100 200 300 400 500  
Scale in Metres

Recommended,  
Section Head

Approved, Assistant  
Deputy Minister

Approved, Assistant  
Deputy Minister

FILE No.

0305030-16

SCALE

1:5000

DRAWING No.

A5328-10

SHEET

10 of 11