

FLOOD LEVEL INDETERMINATE  
IN THE CROSS-HATCHED AREA  
WHICH IS SUBJECT TO POSSIBLE  
INUNDATION FROM INTERNAL  
DRAINAGE OR OVERFLOW OF THE  
TRAINING BERM OR UPSTREAM BANKS

SEE SKEENA RIVER  
FLOODPLAIN MAPPING  
DWG. No. 5375 SHEETS 1-13

SEE DWG 5375-10

TRAINING BERM

CONTOUR DATA INCOMPLETE

CONTOUR DATA INCOMPLETE

LIMIT OF STUDY

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.

NOTES

Produced by: British Columbia Water Management Branch  
Floodplain Mapping Program.

Survey: River survey done by Planning and Survey Section,  
Water Management Branch.  
a) Horizontal control based on provincial network.  
b) Elevations are in metres and are referred to  
Geodetic Survey of Canada datum.

Mapping: Base mapping done by Map Production Division, Surveys and Resource  
Mapping Branch.  
a) Contour interval - 1 metre and greater; spot elevations shown  
to 0.1 metres, with accuracy to  $\pm 0.3$  metres, except where noted.  
b) Grid origin referred to U.T.M. Projection Zone 9.  
Floodplain Mapping produced by Planning Subsection,  
Water Management Branch.

FLOODPLAIN DATA

- The Designated Flood has a statistical frequency of occurrence of once every 200 years.
- Flood levels were computed using a standard step method modelling technique, assuming open water flow conditions.
- Floodplain limits assume the absence of all dykes.
- Floodplain limits and flood levels include allowance for freeboard.
- Position of floodplain boundary not established on the ground by legal survey.
- Floodplain limits are not delineated for side streams and tributaries.
- Required setback of buildings from the natural boundaries of lakes and watercourses to allow for the passage of floodwaters and possible bank erosion are not shown. This information is available either through local municipalities or the Ministry of Environment.

LEGEND

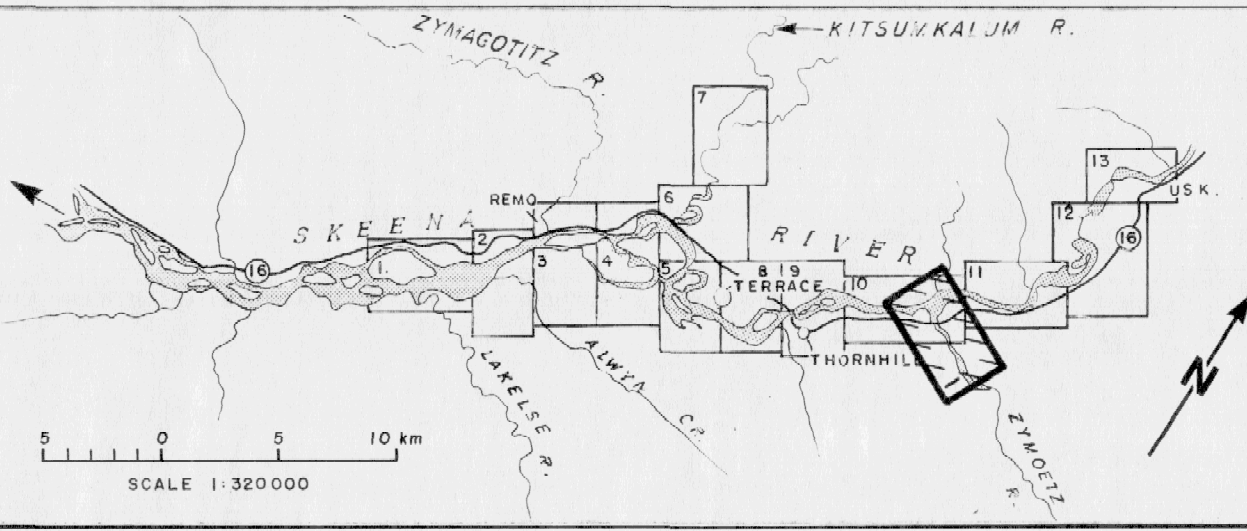
DESIGNATED  
FLOODPLAIN  
LIMIT

FLOOD LEVEL  
200 Year Frequency

(freeboard included)



KEY MAP



REVISIONS

No	DESCRIPTION	DATE

ORTHOPHOTO MAPPING  
DATE OF PHOTOGRAPHY  
SEPT. 1975, AUG. 1974

FLOODPLAIN STUDIES  
TECHNICIAN  
B. Bond

ENGINEER  
B. Bond

ISSUE OF MAPPING  
DATE JUNE 1985



Province of  
British Columbia

Ministry of Environment  
Water Management Branch

FLOODPLAIN MAPPING  
ZYMOETZ (COPPER) RIVER

Scale in metres  
100 200 300 400 500

Recommended:  
Section Head J. G. Fuller

Approved:  
Deputy Minister

FILE No.  
0305030-16

SCALE  
1:5000

NEGATIVE No.  
280128

DRAWING No.  
84-63-1

SHEET  
1 of 1