



## South Thompson River Chase to Kamloops High Water Elevations

Survey Project No. 9715F054

Requested by:  
R.W. Nichols, P. Eng.,  
Head,  
Floodplain Mapping Program

Field: September, 24 & 25th., 1997  
Office: March, 1998

Crew Members- B. Boyd, B. Board.

The field survey was carried out under favorable conditions by a two man crew under the supervision of B. Boyd. Nine high water marks were identified and referenced with Temporary Bench Marks by R.W. Nichols and B. Board on June 17/18 1997.

Seventeen high water mark elevations and locations on the Thompson and North/South Thompson Rivers established by the City of Kamloops and Ministry of Environment Kamloops (MOE Kamloops) were also included with this package.

### **SURVEY DATA:**

Nine Temporary Bench Marks were levelled on the South Thompson River from Chase to Kamloops. All twenty six high water marks are located on floodplain maps (South Thompson River) Dwg. No. 5113-1, 2, 3, 6, 8, 11, 12, 14, and 5113 15 of 15 (Thompson River) 5112-11 and 5112-17 of 19 (North Thompson River) A5302-2, 3, 4, 5, 6, 7, and 8 of 48, (no photographs were taken). Each HWM including Thompson and N. Thompson Rivers are represented on a single sheet of paper containing a scanned portion of the floodplain mapping sheets and a written description. Thompson River and North/South Thompson River high water marks are located on a 1: 30,000, June 4, 1997 plan of City of Kamloops showing the elevation and location co-ordinates provided by City of Kamloops. Office compilation of data carried out by Bert Brazier.

### **DATUM:**

Vertical control based on Geodetic Datum (CVD28) . Elevations obtained by direct differential leveling from Geodetic Survey of Canada Bench Marks.

### **DATA RETURNS:**

*Floodplain Mapping Program :*

R.W. Nichols, P. Eng.

2 copies - of outdata, each consisting of:

#### South Thompson River

- Scanned portion of floodplain map, written description of High Water Marks ST1-ST9 (MOE Victoria)
- Scanned portion of floodplain map, written description of High Water Marks ST10-ST12 (City of Kamloops)

#### Thompson River

- Scanned portion of floodplain map, written description of High Water Marks T13-T15 (City of Kamloops)

#### North Thompson River

- Scanned portion of floodplain map, written description of High Water Marks NT16-NT25 (MOE Kamloops)  
NT26 (City of Kamloops)

- 1 Copy of 1: 30,000, June 4, 1997 plan of City of Kamloops showing the elevation and location co-ordinates of HWM's provided by City of Kamloops.

*Water Surveys Unit:*

M. Pronk

1 copy - Complete input and output on file.

/hab

M. Pronk, Head  
Water Survey Unit