



## 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.

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M. Pronk, Head  
Water Survey Unit