



- 1) This plan prepared by the Ministry of Environment, Lands and Parks, Province of British Columbia.
- 2) SURVEY DATA:
  - a) Field surveys carried out by the Water Surveys Unit, Water Inventory Section, Resources Inventory Branch.
  - b) Horizontal control established by EDM traverse using a total station theodolite.
  - c) Vertical control established by reciprocal height traversing using a total station theodolite.
  - d) Cross section data obtained using a total station theodolite.
  - e) Position control for bathymetry established by fixes using a total station theodolite, set over coordinated shore stations
  - f) Subaqueous depths obtained with an echo sounding depth recorder
- 3) DATUM:
  - a) Horizontal control for cross sections based on B.C. Control Survey posts 77H6406, 77H6415, 79H0338, 79H0368, 82H5268, 82H5273, 82H5277, 82H5283, 82H5250, 83H6114, 83H6150, 83H6166 84H9537, 84H9550, 84H9795, 84H9871, 84H9882, 87H3103, 89H5352 89H5375, 89H5403, 91H0361, 94H1296, 94H1309, 94H1320, 95H1775 Geodetic Survey of Canada bench mark 554J-2, Water Resources Service bench mark 372, as listed in Geographic Data BC Survey

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Control Databank on November 2, 2000;  
City of Kamloops GPS Control Survey posts 9409, 9448 and bolts  
sta.2 and sta.3.

b) Coordinates are Universal Transverse Mercator, Zone 10,  
Central Meridian 123 degrees, NAD83.

c) Vertical control for cross sections based on B.C. Control Survey  
posts 77H6406, 79H0338, 82H5250, 82H5273, 82H5277, 82H5283, 83H6  
84H9537, 84H9882, 89H5352, 89H5403, 94H1296, 94H1309, 95H1781;  
Geodetic Survey of Canada bench mark 554J-2 and 89C047, as listed  
in Geographic Data BC Survey Control Databank on November 2, 2000.

d) Elevations are in metres and referred to Canadian Geodetic  
Datum, CVD28.

4) MAPPING:  
Compilation of digital representational files for mapsheet nos.  
92I.068, 92I.069, 92I.070, 92I.078, 92I.079 and 92I.080  
(scale 1:20,000) produced in 1994, for the B.C. Ministry of  
Environment, Lands and Parks, Surveys and Resource Mapping Branch,  
under its Terrain Resource Information Management Initiative (TRIM)  
from 1:70,000 scale aerial photography flown in August 1987.

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BOOKS:  
y data recorded on disc labelled 2691D and in File  
ENCE POINTS:  
C. Control Survey

	Northing	Easting	Ele
50	5639420.107	692615.409	398
71 *	5631466.858	689394.523	354
03	5628233.786	687754.980	353
61	5628226.691	687544.600	354
96	5631290.274	689320.627	354
81	5631128.950	689240.100	354

ration as quoted for 84H9871 is a revised elevation  
l adjustment by Water Surveys during May 2001 fi

odetic Survey of Canada

Bench Mark	Elevation
OC047	381.395

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7) REFERENCE SURVEYS:

- 1971 field surveys of Thompson, North and South Thompson River carried out under Project 71-23 in July/August 1971; data recorded in Field Book No. 1981; cross section data obtained by stadia, chain/level and intersection; cross section locations coordinated by triangulation and traverse.
- 1973 field surveys of South Thompson River carried out under Project 73-F2A in June/September 1973; data recorded in Field No. 2029; cross section data obtained by stadia and intersection; cross section locations identified by air photograph interpretation.
- 1978 field surveys of North Thompson River carried out under Project 77FDC-07 in June 1978; data recorded in Field Book No. 2030; cross section data obtained by stadia and intersection; cross section locations identified by air photograph interpretation.

8) FLOODPLAIN MAPPING REFERENCE DRAWINGS:

- Kamloops Area - Thompson and North Thompson Rivers  
Dwg. No. 5112 Sheets 1 to 19, scale 1:2500 - Date of Issue: Ju  
Orthophoto Mapping - Date of Photography: October 14, 1974
- Kamloops to Chase - South Thompson River  
Dwg. No. 5113 Sheets 1 to 6, scale 1:5000 - Date of Issue: Ju  
Orthophoto Mapping - Date of Photography: October 14, 1974

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c) Kamloops to McLure - North Thompson River Dwg. No. A5302 Sheets 2 to 9, scale 1:5000 - Date of Issue: Dec. 1976 Orthophoto Mapping - Date of Photography: October 14, 1974 & July 1975 d) North Thompson River- Key Map (North/South Thompson & Thompson Rivers) Dwg. No. A5302 Sheet 1, scale 1:175000(+/-) - Date of Issue: Dec. 1982	LEGEND <ul style="list-style-type: none"><li>● REFERENCE POINT</li><li>● CROSS SECTION TEMPORARY REFERENC 2001 SURVEY</li><li>● LOWEST ELEVATION AT CROSS SECTION 2000/2001 SURVEY</li></ul> <p><b>NOTE:</b> This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.</p>
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END REFER

DESCRIPTION		SURVEYED M. PRONK	 <b>Province of British Columbia</b>	Ministry of Environment, Lands and Parks RESOURCES INVENTORY BRANCH OPERATIONS SUB-SECTION	
		DATE OCTOBER 2000 APRIL/MAY 2001			
		COMPILED R. EDWARD J. DUNCAN			
		CHECKED			
		DATE			
		DRAWN B. WOODS			
		APPROVED			
		DATE JULY 2001			
		ENGINEER			
		APPROVED	 <small>Mike Pronk</small> <small>HEAD, WATER SURVEYS UNIT, WATER INVENTORY SECTION</small>		DATE JULY 31, 2001

S	FILE Nos. Branch _____
	<u>SURVEY PROJECT Nos.</u> <u>2000-2; 2001-2</u>
NTS	Map No. <u>921/9,16</u>
	Map Scale <u>1: 50,000</u>
SCALE	<u>1: 20000</u>
	<u>DRAWING No.</u> <u>2001-3</u>
2001	TOTAL NUMBER OF DWGS: <u>3</u>