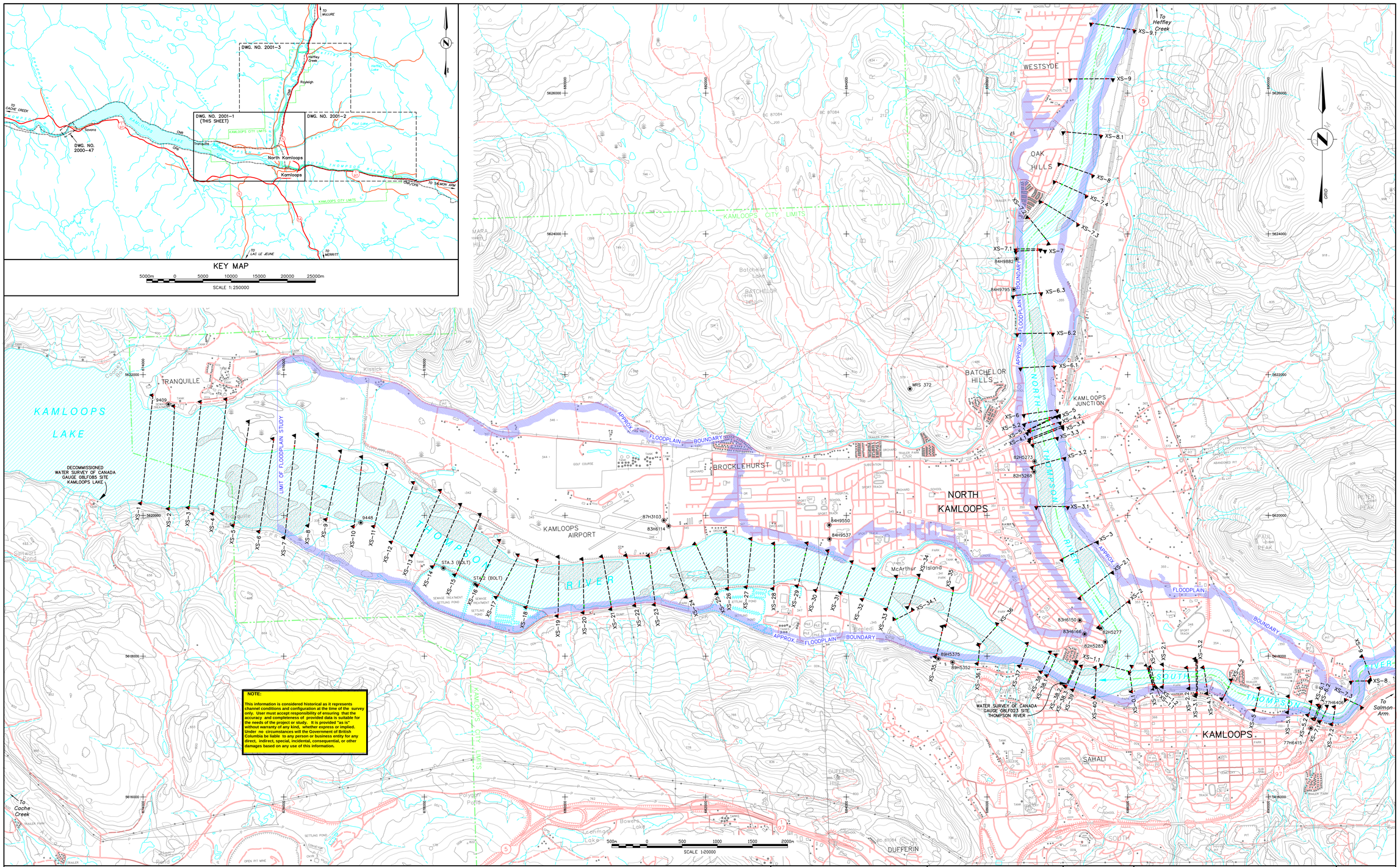

NOTE:

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.

NOTES

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, 82H5286, 83H6114, 83H6116, 84H9537, 84H9550, 84H9795, 84H9882, 87H3103, 89H5352, 89H5375, 89H5403, 91H0341, 94H1296, 94H1309, 94H1320, 95H1779, Geodetic Survey of Canada bench mark 5542-2, Water Resources Service bench mark 372, as listed in Geographic Data BC Survey 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, 82H5268, 82H5273, 82H5283, 83H6114, 84H9537, 84H9550, 84H9795, 84H9882, 87H3103, 89H5403, 91H0341, Geodetic Survey of Canada bench mark 5542-2 and 88C9447, as listed in Geographic Data BC Survey Control Databank on November 2, 2000; City of Kamloops GPS Control Survey post 9409 and bolt sta.3.
   d) Elevations are in metres and referred to Canadian Geodetic Datum, CVD28.

4) MAPPING:
   Compilation of digital representational files for mapsheet nos. 921.068, 921.069, 921.070, 921.078, 921.079 and 921.080 (scale 1:20,000) produced in 1994, for the B.C. Ministry of Environment, Lands and Parks, Surveys and Resource Mapping Branch, under it's Terrain Resource Information Management Initiative (TRIM). from 1:70,000 scale aerial photography flown in August 1987.

5) FIELD BOOKS:
   Survey data recorded on disc labelled 2691D and in Field Book 2691F.

6) REFERENCE POINTS:

a) B.C. Control Survey

Post	Northing	Easting	Elevation
77H6406	5617279.249	690735.732	352.907
77H6415	5616976.348	690603.404	362.824
82H5268	5620620.057	686667.529	345.626
82H5273	5620767.669	686676.848	345.485
82H5277	5618397.269	687619.721	345.342
82H5283	5618202.770	687680.980	345.697
83H6114	5619849.408	687473.360	345.311
83H6116	5619814.764	687388.223	345.302
83H6166	5618314.764	687388.223	347.392
84H9537	5619663.633	683760.010	347.784
84H9550	5619862.964	683755.175	348.325
84H9795	5623310.517	686380.848	352.230
84H9882	5623641.325	686419.213	353.833
87H3103	5619929.546	681403.458	345.340
89H5352	5617911.713	685109.044	351.664
89H5375	5617962.449	685107.076	347.764

b) Water Resources Service (MELP, Resources Inventory Branch)

Post	Northing	Easting	Elevation
372	5621799.048	684903.777	576.404

c) City of Kamloops

Post	Northing	Easting	Elevation
9409	5621579.754	674361.152	345.515
9448	5619897.462	677896.001	341.437
Sta.2 (Bolt)	5619036.755	678738.334	344.938
Sta.3 (Bolt)	5619350.858	678278.487	345.018

7) REFERENCE SURVEYS:
   a) 1971 field surveys of Thompson, North and South Thompson Rivers 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.
   b) 1973 field surveys of South Thompson River carried out under Project 73-FIA in June/September 1973; data recorded in Field Book No. 2029; cross section data obtained by stadia and intersection; cross section locations identified by air photograph interpetation.
   c) 1978 field surveys of North Thompson River carried out under Project 77FSC-87 in June 1978; data recorded in Field Book No. 2200; cross section data obtained by stadia and intersection; cross section locations identified by air photograph interpetation.

8) FLOODPLAIN MAPPING REFERENCE DRAWINGS:
   a) Kamloops Area - Thompson and North Thompson Rivers
      Dwg. No. 5112 Sheets 1 to 19, scale 1:2500 - Date of Issue: June 1976
      Orthophoto Mapping - Date of Photography: October 14, 1974
   b) Kamloops to Chase - South Thompson River
      Dwg. No. 5113 Sheets 1 to 6, scale 1:5000 - Date of Issue: June 1976
      Orthophoto Mapping - Date of Photography: October 14, 1974
   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 1:275000(+/-) - Date of Issue: Dec. 1982

LEGEND

- REFERENCE POINT
- CROSS SECTION TEMPORARY REFERENCE POINT 2000/2001 SURVEY
- LOWEST ELEVATION AT CROSS SECTION 2000/2001 SURVEY

REFERENCES

DWG. No.	DESCRIPTION	DATE
2001–2,3	THOMPSON, NORTH THOMPSON AND SOUTH THOMPSON RIVERS AT KAMLOOPS, 2000/2001 SURVEYS. PLAN SHOWING LOCATION OF CROSS SECTIONS.	JULY 2001
2000–47	THOMPSON RIVER AT KAMLOOPS LAKE OUTLET, 2000/2001 SURVEYS. PLAN SHOWING LOCATION OF CROSS SECTIONS.	JUNE 2001
4412A SHEETS 1–17	KAMLOOPS FLOODING THOMPSON, NORTH THOMPSON AND SOUTH THOMPSON CROSS SECTIONS – 1962 SURVEY	NOVEMBER 1962
4412B	KAMLOOPS FLOODING THOMPSON, NORTH THOMPSON AND SOUTH THOMPSON RIVER BOTTOM PROFILE – 1962 SURVEY	NOVEMBER 1962

SURVEYED	M. PRONK	
DATE	OCTOBER 2000 APRIL/MAY 2001	
COMPILED	R. EDWARD J. DUNCAN	
CHECKED		
DATE		
DRAWN	B. WOODS	
APPROVED		
DATE	JULY 2001	
ENGINEER		

Province of British Columbia

Ministry of Environment, Lands and Parks
RESOURCES INVENTORY BRANCH
OPERATIONS SUB-SECTION

THOMPSON, NORTH THOMPSON AND SOUTH THOMPSON RIVERS AT KAMLOOPS 2000/2001 SURVEYS

PLAN SHOWING LOCATION OF CROSS SECTIONS

APPROVED Mike Pronk
HEAD, WATER SURVEYS UNIT, WATER INVENTORY SECTION

DATE JULY 31, 2001

FILE Nos.
Branch

SURVEY PROJECT Nos. 2000–2; 2001–2

NTS Map No. 92I/9,16

Map Scale 1:50,000

SCALE 1:20000

DRAWING No. 2001–1

TOTAL NUMBER OF DWGS: 3

DDs