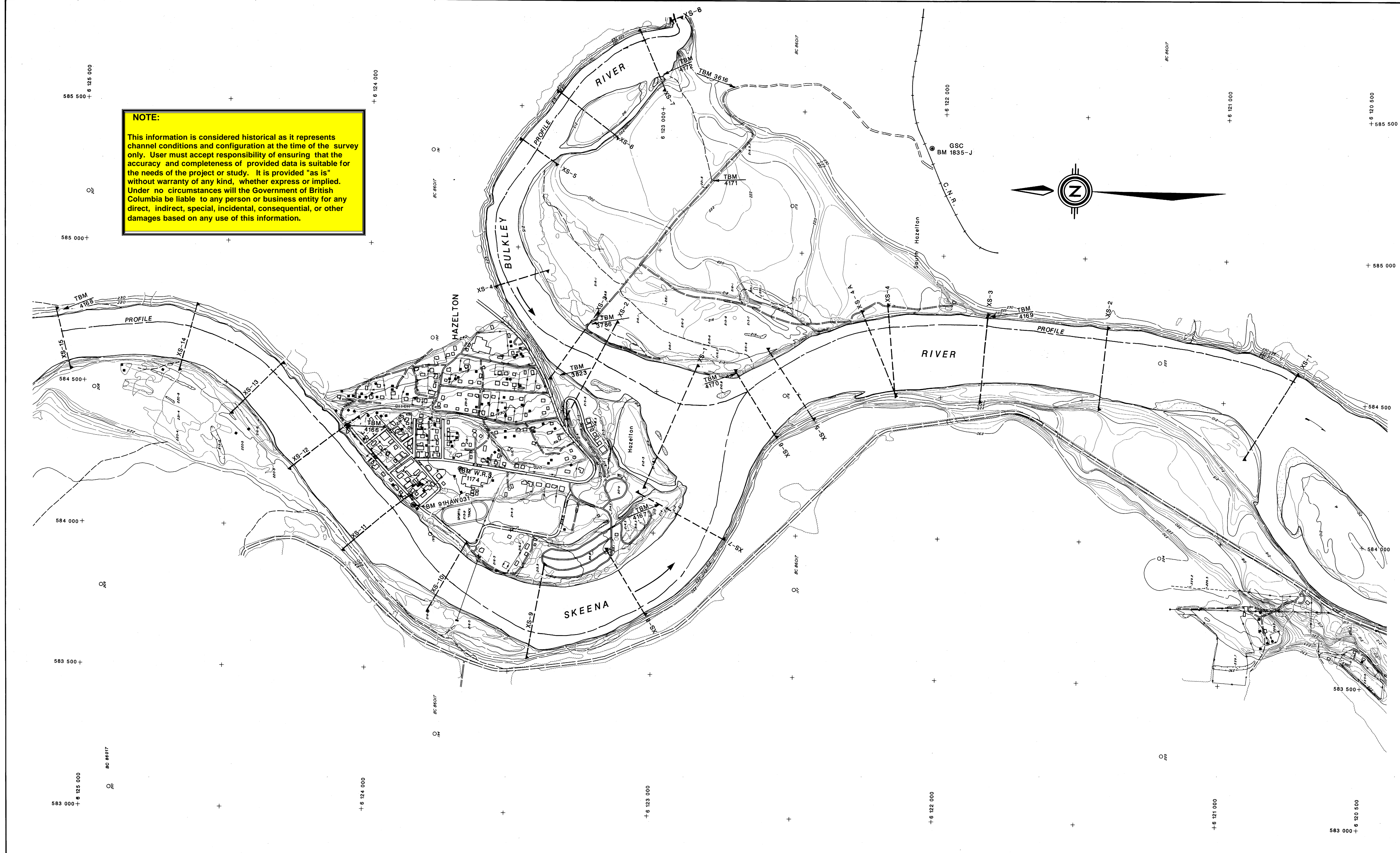


NOTE:
 This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as 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.



<p>NOTES</p> <p>1) This plan has been prepared by the Ministry of Environment, Province of British Columbia.</p> <p>2) SURVEY DATA: a) Field surveys were carried out by the Technical Support Section, Engineering Branch, Water Management Division. b) Horizontal control was established by EDM traverse using a total station theodolite. c) Vertical control was established by differential levelling and by reciprocal height traversing using a total station theodolite. d) Position control for bathymetry was maintained by fixes using a total station theodolite set over coordinated shore stations. e) Subaqueous depths were established using an echo sounding depth recorder. f) Cross section data were obtained using a total station theodolite.</p> <p>3) DATUM: a) Horizontal control is based on cross section reference points established in 1979 by Water Management Division under Project 76DC-7 which were assigned scaled coordinates.</p>		<p>b) Bearings were derived from solar observations.</p> <p>c) Coordinates shown are Universal Transverse Mercator, Zone 9, Central Meridian 129 degrees, NAD 27.</p> <p>d) Vertical control is based on Water Resources Service Bench Mark 1174 and Temporary Bench Marks 3786 and 3823 established by Water Management Division in 1979 under Project 76DC-7 from Bench Mark 1835-J established by Geodetic Survey of Canada as listed in Vertical Control Data Publication, Quad No. 98127, Original, October 1988.</p> <p>e) Elevations are in metres and referred to Canadian Geodetic Datum.</p>		<p>6) FIELD BOOKS: Survey data are recorded on Disc labelled 2574D and Field Book No. 2574F.</p> <p>7) REFERENCE POINTS: Geodetic Survey of Canada BM 1835-J 298.195 Water Management Division BM W.R.S. 1174 219.242 BM 91HAW031 217.871</p> <p>(Temporary Bench Marks) TBM 3616 Elevation 243.985 TBM 3786 215.268 TBM 3823 214.866 TBM 4166 221.131 TBM 4167 213.934 TBM 4168 218.122 TBM 4169 212.487 TBM 4170 212.820 TBM 4171 221.885 TBM 4172 217.268</p>		<p>Cross Sections 4A, 5 and 7 to 13 on Skeena River, Cross Sections 1 and 3, on Bulkley River are a repeat of June 1979 Survey</p>		<p>KEY MAP</p> <p>Scale 1:260 000</p>		<p>REFERENCES</p> <table border="1"> <thead> <tr> <th>DWG. No.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		DWG. No.	DESCRIPTION	DATE				<p>SURVEYED M. PRONK DATE MAY 1991</p> <p>COMPILED H. BRAZIER</p> <p>CHECKED M. PRONK DATE NOV. 1991</p> <p>DRAWN B. MCINNES APPROVED</p> <p>HEAD DRAFTING SECTION DATE</p> <p>ENGINEER</p>		<p>Province of British Columbia Ministry of Environment Water Management Division Engineering Branch</p> <p>FLOODPLAIN MAPPING PROGRAM</p> <p>SKEENA & BULKLEY RIVERS AT HAZELTON</p> <p>TOPOGRAPHIC PLAN SHOWING LOCATIONS OF CROSS SECTIONS</p> <p>APPROVED: <i>[Signature]</i> HEAD, TECHNICAL SUPPORT SECTION DATE: Nov. 8/91</p>		<p>FILE No. _____ Branch _____</p> <p>SURVEY PROJECT No. _____</p> <p>91-11-F004</p> <p>ATS Map No. 93M/4.5 Map Scale 1:50000</p> <p>SCALE 1:5000</p> <p>NEGATIVE No. 272 674 DRAWING No. 91-28-1 SHEET _____ of _____</p>	
DWG. No.	DESCRIPTION	DATE																					