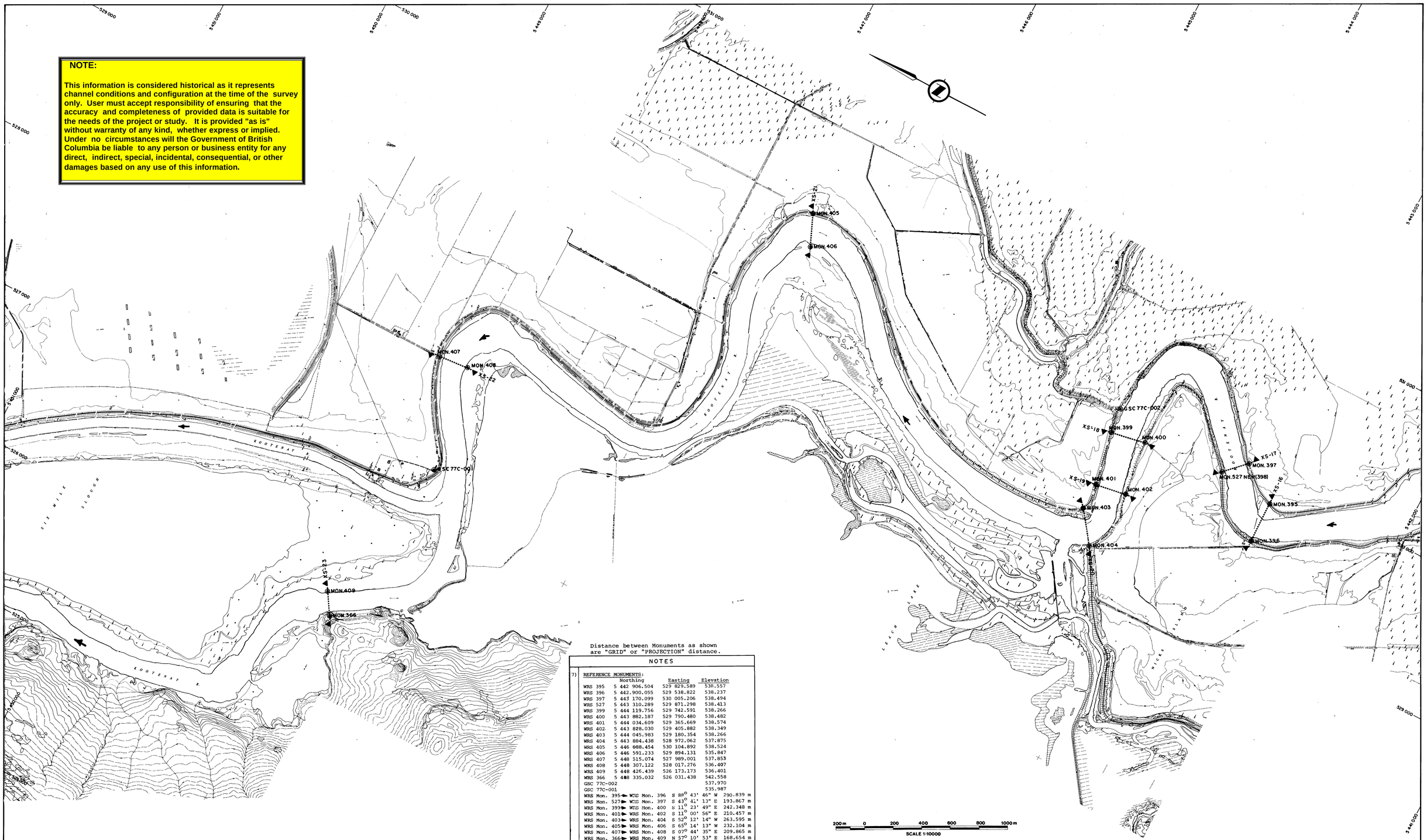
NOTE:

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.



Distance between Monuments as shown are "GRID" or "PROJECTION" distance.

NOTES

7) REFERENCE MONUMENTS:

	Northing	Easting	Elevation
WRS 395	5 442 906.504	529 829.589	538.557
WRS 396	5 442.900.055	529 538.822	538.237
WRS 397	5 443 170.099	530 005.206	538.494
WRS 527	5 443 310.289	529 871.298	538.413
WRS 399	5 444 119.756	529 742.591	538.266
WRS 400	5 443 882.187	529 790.480	538.482
WRS 401	5 444 034.609	529 365.669	538.574
WRS 402	5 443 828.030	529 405.882	538.349
WRS 403	5 444 045.983	529 180.354	538.266
WRS 404	5 443 884.438	528 972.062	537.875
WRS 405	5 446 688.454	530 104.892	538.524
WRS 406	5 446 591.233	529 894.131	535.847
WRS 407	5 448 515.074	527 989.001	537.853
WRS 408	5 448 307.122	528 017.276	536.407
WRS 409	5 448 426.439	526 173.173	536.401
WRS 366	5 448 335.032	526 031.438	542.558
GSC 77C-002			537.970
GSC 77C-001			535.987

WRS Mon. 395 ▶ WRS Mon. 396	S 88° 43' 46" W	290.839 m
WRS Mon. 527 ▶ WRS Mon. 397	S 43° 41' 13" E	193.867 m
WRS Mon. 399 ▶ WRS Mon. 400	S 11° 23' 49" E	242.348 m
WRS Mon. 401 ▶ WRS Mon. 402	S 11° 00' 56" E	210.457 m
WRS Mon. 403 ▶ WRS Mon. 404	S 52° 12' 14" W	263.595 m
WRS Mon. 405 ▶ WRS Mon. 406	S 65° 14' 13" W	232.104 m
WRS Mon. 407 ▶ WRS Mon. 408	S 07° 44' 35" E	209.865 m
WRS Mon. 366 ▶ WRS Mon. 409	N 57° 10' 53" E	168.654 m

NOTES

1) This map has been prepared from field surveys carried out by the Field Operations Division, Surveys and Mapping Branch, and monuments were established by the Surveys Section, Planning and Surveys Division, Inventory and Engineering Branch, Ministry of Environment, Province of British Columbia.

2) SURVEY DATA:
a) The horizontal control for mapping was established by triangulation and distances were measured using Tellurometer, Model MRA3.
b) The horizontal control for the reference monuments was established by resection and traverse, using Hewlett-Packard Distance Meter, Model 3800B.
c) The survey for the mapping control was carried out in 1973 and for the reference monuments in 1968, 1970, 1973 and 1978.

3) DATUM:
a) The horizontal control is based on ProVincial Network Stations.
b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.
c) Elevation (metre) for mapping is referred to Bench Marks, established by Geodetic Survey of Canada.
d) Elevation (metre) for the reference monuments is referred to Bench Mark No's. 198-D, Porthill and 203-D-2, Kuskanook, established by Geodetic Survey of Canada 1916 and 1947 respectively, and D.P.W. Monument at West Creston Ferry, established by the Department of Public Works, 1947.

4) FIELD BOOKS:
a) Survey data for mapping control are stored with the Survey Control Section, Field Operations Division.
b) Survey data for the reference monuments are recorded in the following Field Book No's.:
1968 survey: 1895A to 1895J
1970 survey: 1917L-1 to 1917L-7
1973 survey: 2044P-1 and 2044F-2, 2044 L-1, L-2, L-3
1978 survey: 2224F-1, 2224L-1, 2224L-2, 2224L-3
1981 survey: 2300F-1, 2300L-1, and 2300L-2

5) AIR PHOTOGRAPHS:
B.C. 5470L Frames 1 to 176 inclusive, exposed June 30, 1972. Photo scale = Approx. 1:12000

6) MAPPING:
a) Mapping Project No. 72-2T, Map Production Division.
b) The area was mapped, using second order photogrammetric equipment, at a scale = 1:25000

LEGEND

- TRIANGULATION STATION
- REFERENCE MONUMENT (PCON or PBOCK)
- 50000 HORIZ. CONTROL POINT
- 60000 VERT. CONTROL POINT
- AIR PHOTO CENTER
- ROAD, TRAIL, CREEK, CREEK INTERMITTENT, SWAMP
- BOUNDARIES
- BASIN
- SUB BASIN

STORAGE LICENCES

LICENCE	PRIORITY DATE	AUTHORIZED ACRE-FEET	DEVELOPED ACRE-FEET

REFERENCES

DWG. No.	DESCRIPTION	DATE
A 5181-3-1	1968 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A 5181-3-2	1973 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A 5181-3-3	1978 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A 5181-3-4	1981 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A 5181-3-5	1986 CROSS SECTIONS 1-25 8 SHEETS	JAN. 1987

REVISIONS

No.	DESCRIPTION	DATE
1	ADDITIONAL SURVEY	1973
2	ADDITIONAL SURVEY	1978
3	ADDITIONAL SURVEY	1981
4	NOTES REVISED AND REFERENCES ADDED	APRIL 1985
5	ADDITIONAL SURVEY	1986

SURVEYED R.G. FERNYHOUGH N. PRONK
DATE 1968
COMPILED S. BRIDGEMAN
CHECKED
DATE APRIL 1980
DRAWN
CHECKED
DATE APRIL 1980
ENGINEER

Province of British Columbia
Ministry of Environment
INVENTORY AND ENGINEERING BRANCH

KOOTENAY RIVER MONITORING SURVEY 1968
INTERNATIONAL BOUNDARY TO KOOTENAY LAKE
KEY MAP

APPROVED
HEAD, SURVEYS SECTION
DATE APRIL 1980

FILE No.
Branch
Section 0277562
SURVEY PROJECT No. 68 S-1
NTS Map No. 82F/2,7E
SCALE 1:10000
DRAWING No. A 5181-1
SHEET 3 of 4

DD4
NEG. NO. 272322