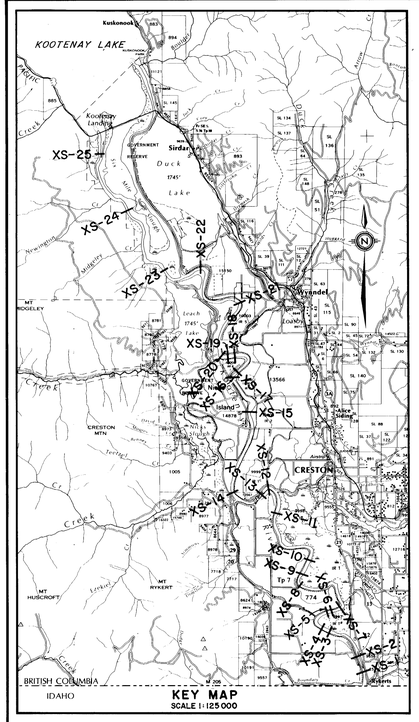
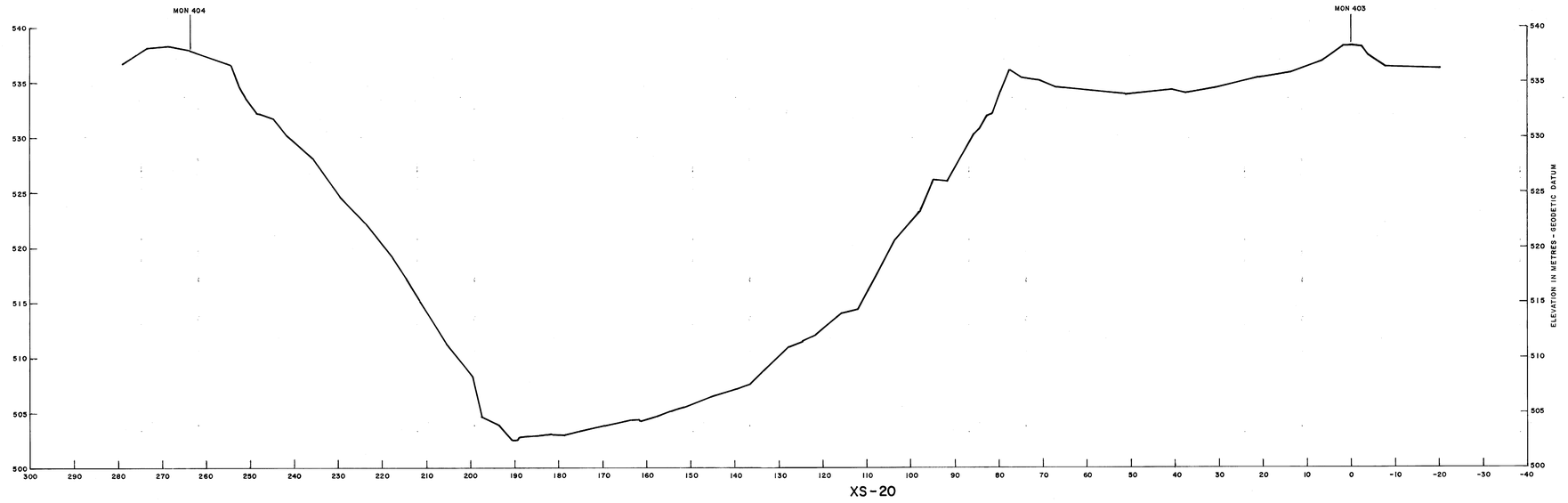
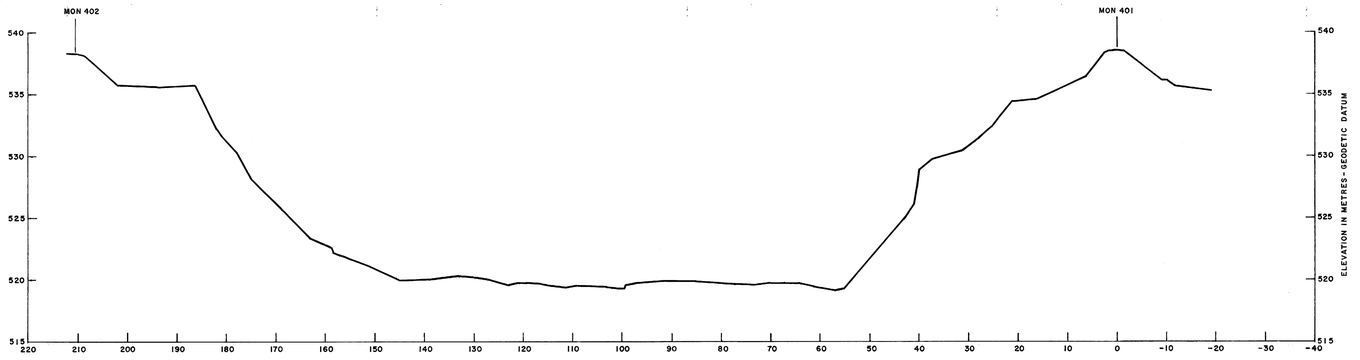
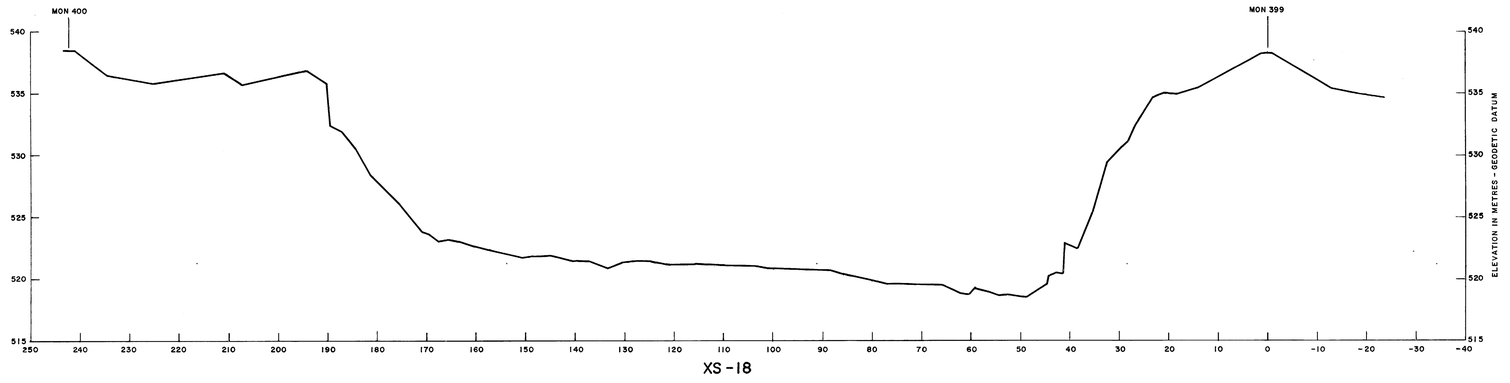



KEY MAP
SCALE 1:125 000




**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.**

SCALE: HORZ 1:500
VERT 1:200

## NOTES

1. This plan has been prepared by the Ministry of Environment, Province of British Columbia. River surveys were carried out by the Surveys Subsection, Planning and Surveys Section, Water Management Branch.

2. SURVEY DATA:
   a) Horizontal control for the cross sections was established by resection and E.D.M. traverse.
   b) Vertical control for the cross sections was established by direct levelling and water surface transfer.
   c) Cross section details were established as follows:
   Stadia, sextant resection and echo sounder (1968)
   Stadia, graduated rope and echo sounder (1973 & 1978)
   Level, graduated rope and echo sounder (1981).

3. DATUM:
   a) Horizontal control is based on Provincial Network stations.
   b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.
   c) Elevations are in metres and are referred to the Canadian Geodetic Datum.

4. FIELD BOOKS:
   Survey data are recorded in Field Book Nos. as follows:

| | |
|---|---|
| 1895 A to 1895 J inclusive: | 1968 |
| 1917 L-1 to 1917 L-7 inclusive: | 1970 |
| 2044 F-1, 2044 F-2, 2044 L-1, 2044 L-2, 2044 L-3: | 1973 |
| 2224 F-1, 2224 L-1, 2224 L-2, 2224 L-3: | 1978 |
| 2300 F-1, 2300 L-1, 2300 L-2: | 1981 |

5. AIR PHOTOGRAPHS:
   B.C. 5470: Frames 1 to 176 inclusive, exposed June 30, 1972. Photo scale 1:12,000.

6. MAPPING:
   Standard B.C.G.S. Map sheets of the area at a scale of 1:2500 were produced by the Surveys and Mapping Branch under Project No. 72-002T.

7. REFERENCE MONUMENTS:

| Monument | Northing | Easting | Elevation |
|---|---|---|---|
| W.R.S. 399 | 5 444 119.756 | 529 742.591 | 538.266 |
| W.R.S. 400 | 5 443 882.187 | 529 790.480 | 538.482 |
| W.R.S. 401 | 5 444 034.609 | 529 365.669 | 538.574 |
| W.R.S. 402 | 5 443 828.030 | 529 405.882 | 538.349 |
| W.R.S. 403 | 5 444 045.983 | 529 180.354 | 538.266 |
| W.R.S. 404 | 5 443 884.438 | 528 972.062 | 537.875 |

| | | | |
|---|---|---|---|
| W.R.S. 399 → | W.R.S. 400 | S11°23'49"E | 242.348 |
| W.R.S. 401 → | W.R.S. 402 | S11°00'56"E | 210.457 |
| W.R.S. 403 → | W.R.S. 404 | S52°12'14"W | 263.595 |

Distance between Monuments as shown is GRID or PROJECTION distance.

## REFERENCES

| DWG No. | DESCRIPTION | DATE |
|---|---|---|
| A5181-1 | Key Map<br>4 sheets | April, 1980 |
| A5181-3.1 | 1968 Cross Sections<br>8 Sheets | April, 1985 |
| A5181-3.2 | 1973 Cross Sections<br>8 Sheets | April, 1985 |
| A5181-3.3 | 1978 Cross Sections<br>8 Sheets | April, 1985 |
| A5181-3.4 | 1981 Cross Sections<br>8 Sheets | April, 1985 |

## REVISIONS

| No. | DESCRIPTION | DATE |
|---|---|---|

SURVEYED M. PRONK
DATE SEPT. 1973
COMPILED S. BRIDGEMAN
CHECKED
DATE APRIL 1985
DRAWN
APPROVED
HEAD, DRAFTING SECTION
DATE APRIL 1985
ENGINEER

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH

# KOOTENAY RIVER MONITORING SURVEY - 1973

## INTERNATIONAL BOUNDARY TO KOOTENAY LAKE

## CROSS SECTIONS 18 - 20

APPROVED
HEAD, SURVEYS SUBSECTION
DATE APRIL 1985

FILE No.
Branch 0277562
SURVEY PROJECT No. 73-SR-1
NTS Map No. 82F/2,7
Map Scale 1:50000
SCALE AS SHOWN
NEGATIVE No. 272337
DRAWING No. A5181 - 3.2
SHEET 6 of 8

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