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.

SEE SHEET 3

SEE SHEET 1

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

NOTES

7) REFERENCE MONUMENTS:

	Northing	Easting	Elevation
WRS 349	5 432 469.526	533 234.237	537.660
WRS 350	5 432 287.783	533 143.097	538.547
WRS 351	5 433 002.058	533 314.118	537.542
WRS 352	5 433 109.204	533 137.315	538.865
WRS 353	5 433 531.088	533 592.432	537.571
WRS 354	5 433 630.296	533 389.278	538.903
WRS 355	5 436 056.054	531 944.971	536.528
WRS 356	5 436 100.361	531 723.614	538.306
WRS 765	5 437 490.724	531 485.810	538.503
WRS 358	5 437 277.259	531 500.739	538.591
WRS 359	5 437 183.755	531 081.153	538.643
WRS 360	5 437 062.390	531 266.969	538.816
WRS 391	5 437 130.059	529 772.751	538.473
WRS 392	5 437 072.798	529 591.806	536.930
WRS 393	5 441 331.097	530 892.819	538.509
WRS 394	5 441 223.946	530 352.195	538.363
GSC 72-004			543.046
GSC 72-003			542.996

WRS Mon. 349 → WRS Mon. 350	S 26° 37' 58" W	203.315 m
WRS Mon. 351 → WRS Mon. 352	N 58° 47' 00" W	206.735 m
WRS Mon. 353 → WRS Mon. 354	N 63° 58' 19" W	226.084 m
WRS Mon. 355 → WRS Mon. 356	N 78° 40' 52" W	225.748 m
WRS Mon. 765 → WRS Mon. 358	S 04° 00' 02" E	213.986 m
WRS Mon. 359 → WRS Mon. 360	S 56° 50' 59" E	221.939 m
WRS Mon. 391 → WRS Mon. 392	S 72° 26' 23" W	189.789 m
WRS Mon. 393 → WRS Mon. 394	S 78° 47' 22" W	551.140 m

REFERENCE MONUMENTS:

	Northing	Easting	Elevation
DPW MON.5			536.329
GSC 77C-004			534.192

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: 2044F-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. 5470: 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 (P.CON or P.ROCK)
- 50 000 HORIZ. CONTROL POINT
- 60 000 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
A5181-3-1	1968 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A5181-3-2	1973 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A5181-3-3	1978 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A5181-3-4	1981 CROSS SECTIONS 1-25 8 SHEETS	APRIL, 1985
A5181-3-5	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
6	ELEVATION OF WRS MON. 358	JAN. 1987

SURVEYED R.G. PENTHOUSE M. 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 1:10 000
DRAWING No. A5181-1
SHEET 2 of 4

DD
NEG. NO. 272321 SURVEYS