

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 drawing has been prepared from base mapping which was controlled and compiled by the Surveys and Resource Mapping Branch. River cross-section data were obtained by the Surveys Subsection, Water Management Branch. Ministry of Environment, Province of British Columbia.

2) SURVEY DATA:
   a) Cross-sections were located by adjusted stadia traverse.
   b) Vertical control for the traverse was obtained by level
   c) The surveys were carried out as follows:
      Mapping Control: May-September 1973.
      Traverse, cross-sections, water level profile and thalweg in August and September 1983.

3) DATUM:
   a) The horizontal control for mapping is based on the Provincial Network. The control for the cross-sections is based on Monument No's. 73H1904 and 73H1907.
   b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°,
   c) Map elevations are in metres and feet as indicated and are referred to the Canadian Geodetic Datum.

4) FIELD BOOKS:
Survey data for the traverse, cross-sections, thalweg and water level profile are recorded in Field Book No's. 2375, L-1, L-2 and 2375 I-1.

5) AIR PHOTOGRAPHS:
B.C. 5499: Frames 226-230, 237-240, 288-290: exposed on August 5, 1972, Photo scale = approx, 1:31 680

6) MAPPING:
The area was mapped under Project No. 72-5T at a scale of 1:5000 using second order photogrammetric equipment.

REFERENCE MONUMENTS:

	Northing	Easting	Elevation
W.R.S. 899	5 527 813.825	326 520.491	384.374
W.R.S. 1013	5 524 774.451	328 214.622	500.736
83HAW033	5 526 173.284	328 348.282	419.798
83HAW034	5 524 778.592	328 429.363	427.849
74HA588	5 526 109.311	328 273.661	415.563
73H1765	5 527 922.219	326 598.648	384.436
73H1904	5 527 397.057	327 293.149	393.771
73H1907	5 527 244.727	327 460.112	397.129

73H1904 → 73H1907 S47° 37' 26"E 226.011

REFERENCE POINTS:

	Elevation
T.B.M. 4728	416.296
T.B.M. 4729	420.815
T.B.M. 4730	424.965
T.B.M. 4731	432.123

LEGEND

- TRIANGULATION STATION
- REFERENCE MONUMENT (P. CON or P. ROCK)
- 50 000 HORIZ. CONTROL POINT
- 60 000 VERT. CONTROL POINT
- T.B.M. TEMPORARY BENCH MARK
- TEMPORARY REFERENCE POINT
- ROAD, TRAIL, CREEK,
- CREEK INTERMITTENT, SWAMP
- BASIN, SUB BASIN
- AIR PHOTO CENTER

STORAGE LICENCES

LICENCE	PRIORITY DATE	AUTHORIZED ACRE-FEET	DEVELOPED ACRE-FEET

REFERENCES

DWG. No.	DESCRIPTION	DATE
A 5215-1 Sh. 1 TO 3	CROSS-SECTIONS, 1 TO 58	APRIL 1981

REVISIONS

No.	DESCRIPTION	DATE

SURVEYED M. PRONK
DATE SEPT. 1983
COMPILED T. STEWART
CHECKED [signature]
DATE JAN. 1984
DRAWN m.a.a.
CHECKED P. Dixon
DATE JAN. 1984
ENGINEER

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH

RIVER PROTECTION PROGRAM

MISSION CREEK

LOCATION OF CROSS-SECTIONS AND THALWEG BETWEEN ZIPRICK ROAD AND SCENIC CANYON

APPROVED [signature] HEAD, SURVEYS SUBSECTION
DATE JAN. 1984

FILE Nos.
Branch 0305030-HEC-2
0310213-19
SURVEY PROJECT No. 83-FDC-11
NTS Map No. 82 F/14
SCALE 1:5000
DRAWING No. 5534-1
SHEET 1 of 1

VANCAL-9663

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