NOTE:

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RUTLAND

ZIPRICK ROAD

THALWEG (CONSTRUCTION DIVERSION DITCH)

THALWEG (MAIN CHANNEL)

MISSION CREEK

BENVOULIN

EAST KELOWNA

THALWEG

SEE SHEET 2

KEY MAP

SCALE 1:125000

SCALE 1:5000

REFERENCE MONUMENTS:

	NORTHING	EASTING	ELEVATION
WRS Mon. 869	5 527 559.44	325 428.83	371.947
WRS Mon. 879	5 527 645.23	325 592.64	374.343
WRS Mon. 880	5 527 724.45	325 756.86	375.352
WRS Mon. 882	5 527 806.26	325 919.52	377.269
WRS Mon. 883	5 527 882.30	326 090.52	378.812
WRS Mon. 884	5 527 887.77	326 284.11	381.354
WRS Mon. 885	5 527 840.22	326 460.54	383.210
WRS Mon. 899	5 527 813.83	326 520.49	384.374
75H2448	5 525 887.416	324 302.408	356.577
75H2463	5 525 792.323	324 536.249	358.289

75H2448 → 75H2463	S 67° 52' 14" E	252.437
Mon. 869 → 879	N 62° 21' 30" E	184.915
Mon. 879 → 880	N 64° 14' 50" E	182.329
Mon. 880 → 882	N 63° 17' 59" E	182.075
Mon. 882 → 883	N 64° 01' 35" E	187.145
Mon. 883 → 884	N 68° 22' 53" E	193.667
Mon. 884 → 885	S 74° 54' 59" E	182.725
Mon. 885 → 899	S 66° 14' 27" E	65.501

	NORTHING	EASTING	ELEVATION
Mon. 73H1765	5 527 922.218	326 598.648	384.436
Mon. 77H2884	5 527 928.985	326 395.217	383.017
Mon. 73H1765 → 77H2884	N 88° 05' 14" W	203.54	

NOTES

1) This map has been prepared from field surveys carried out by the Field Operations Division including photogrammetric mapping, compiled by the Surveys and Mapping Branch, Ministry of Environment, Province of British Columbia.

2) Field surveys for the cross-sections were carried out by the Surveys Sub-section, Planning and Surveys Section, Inventory and Engineering Branch, Ministry of Environment, Province of British Columbia.

3) SURVEY DATA:
a) Horizontal control for the traverse and cross-sections was established by stadia.
b) Vertical control for the traverse stations was obtained by level.
c) Original survey data were calculated in feet and for final presentation converted to metres.
d) The surveys were carried out as follows: Mapping May-September, 1973. Traverse, cross-sections, water level profile and thalweg in August-September, 1980.

4) DATUM:
a) The horizontal control for mapping is based on the Provincial Network, and for the traverse and cross-sections on Integrated Survey Monuments No's. 75H2448, 77H2884, 75H2463, and 73H1765.
b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.
c) Elevations are in metres and are based on Canadian Geodetic Datum.

5) FIELD BOOKS:
Survey data for the traverse, cross-sections, thalweg and water level profiles are recorded in Field Book No's. 2268L-1, L-2 and 2268 I-1.

6) AIR PHOTOGRAPHS:
B.C. 5499: Frames 227 to 230,
B.C. 5499: Frames 237 to 240,
B.C. 5499: Frames 288 to 290, exposed on August 5, 1972 and B.C. 5512: Frames 245 to 256, exposed on August 25, 1972. Photo scales = Approx. 1:31680

7) MAPPING:
The area was mapped under Project No's. 72-5T at scale 1:5000 using second order photogrammetric equipment.

LEGEND

- TRIANGULATION STATION
- REFERENCE MONUMENT (P.CON. or P.ROCK)
- 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
A5215-1-1 Sheets 2-3	LOCATION OF CROSS-SECTIONS	APRIL 1981
A5215-1-2 Sheets 1-2	CROSS-SECTIONS	APRIL 1981
A5215-1-3 Sheets 1-2	WATER LEVEL PROFILE AND THALWEG INCLUDING CONSTRUCTION DIVERSION DITCH	APRIL 1981
A5534-1	LOCATION OF CROSS-SECTIONS	JAN. 1984

REVISIONS

No.	DESCRIPTION	DATE
1	NOTES	DEC. 1983
2	MONUMENT ELEVATIONS	JAN. 1985

SURVEYED M. PRONK
DATE SEPT. 1980
COMPILED
CHECKED
DATE APRIL 1981
DRAWN
CHECKED
DATE APRIL 1981
ENGINEER

Province of British Columbia
Ministry of Environment
INVENTORY AND ENGINEERING BRANCH

OKANAGAN BASIN IMPLEMENTATION PROGRAM

MISSION CREEK

LOCATION OF CROSS-SECTIONS BETWEEN OKANAGAN LAKE AND ZIPRICK RD. (RUTLAND)

APPROVED
ACTING HEAD OF SURVEYS SUB-SECTION
DATE APRIL 1981

FILE No. OB-35
Branch S.S. 3
SURVEY PROJECT No. 80-0. I.P.-1
NTS Map No. 82 E/13
SCALE 1:5000
DRAWING No. A5215-1-1
SHEET 1 of 3

NEG. NO. 272266

DD