SEE SHEET 4

SEE SHEET 6

355 500 E 5 439 000

356 000 E 5 436 000

353 500 E 5 435 000

GSC 79C426

GSC 79C446

GSC 1497

91HA111

91HA110

HWM K13

HWM K14

HWM K15

HWM K16

HWM K17

HWM K18

HWM K19

HWM K20

TBM 5947

XS 39

XS 41

XS 43

XS 45

XS 46

XS 47

XS 48

XS 50

ROCK CREEK

K E T T L E R I V E R

Jonnstone Creek

BCB 9035

NOTES

1) This plan has been prepared by the Ministry of Environment, Lands and Parks, Province of British Columbia.

2) SURVEY DATA:
   a) Field surveys carried out by the Technical Surveys Section, Hydrology Branch, Water Management Program.
   b) Horizontal control established by EDM traverse using total station theodolite.
   c) Vertical control established by differential levelling in combination with reciprocal height traversing using total station theodolite.
   d) Cross section and topographic data obtained using total station theodolite.
   e) Global Positioning System (GPS) ties along traverse obtained using Magellan ProMark V (Carrier Phase Differential) and processed using BCACS-Penticton.

3) DATUM:
   a) Horizontal control of cross sections based on British Columbia Control Survey Post Border Monument 143.
   b) Coordinates are Universal Transverse Mercator, Zone 11, NAD83.
   c) Vertical Control based on British Columbia Control Survey Bench Marks as obtained from Surveys and Resource Mapping Branch listing dated May 12, 1995 and Geodetic Survey of Canada Bench Marks, quadrant #49118, revision #2, October 1982, and quadrant #49119, revision #4, April 1988.
   d) Elevations in metres and referred to Geodetic Survey of Canada datum – CVD28.

4) MAPPING:
Compilation of B. C. Geographic System mapsheets produced by Lands Services Division, Surveys and Resource Mapping Branch (SRMB), Topo/GIS Section, Project #90–064, dated Feb/Mar 1993. Mapping produced at Scale 1:5000, from April 1991 air photography.
   a) Contour interval of 1 metre and greater; spot elevations shown to 0.1 metres, with accuracy to +\- 0.3 metres, except where noted. Contact SRMB for further details on base mapping specifications.
   b) Grid origin referred to U.T.M. Projection Zone 11, NAD83.

5) FIELD BOOKS:
Survey data are recorded on disc labelled 2657D and Field Book # 2657–L1.

6) REFERENCE POINTS:
   a) Geodetic Survey of Canada

Bench Mark	Elevation
GSC 421 J	602.364
GSC 1497 J	607.316
GSC 79C446	600.373
GSC 79C426	608.123

   b) B.C. Control Survey

Bench Mark	Elevation
91HA110	609.863
91HA111	621.625

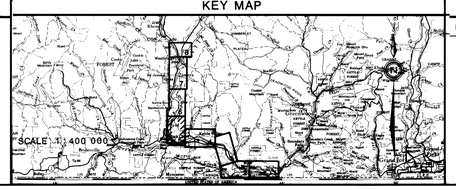
   c) Hydrology Branch–Water Management Program

Temporary Bench Mark	Elevation
TBM 5947	602.115

LEGEND

- REFERENCE POINT
- T.B.M. TEMPORARY BENCH MARK
- AIR PHOTO CENTRE
- WATER SURVEY OF CANADA GAUGE
- HWM HIGH WATER MARK

KEY MAP



REVISIONS

No.	DESCRIPTION	DATE

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.

SURVEYED B. BOYD
DATE SEPT. 1995
COMPILED
CHECKED Boyd
DATE 96/04/25
DRAWN
APPROVED
DATE
ENGINEER

Province of British Columbia
Ministry of Environment, Lands and Parks
WATER MANAGEMENT PROGRAM

FLOODPLAIN MAPPING PROGRAM

KETTLE RIVER
MIDWAY – ROCK CREEK – WESTBRIDGE
PLAN
SHOWING LOCATION OF CROSS SECTIONS

APPROVED Gerald R. Schubert
MANAGER, TECHNICAL SURVEYS SECTION
DATE 96/04/25

FILE Nos.
Branch
SURVEY PROJECT No. 95 10 F 080
NTS 82E
Map No.
Map Scale
SCALE 1:5000
NEGATIVE NO.
DRAWING No. 96-5-5
TOTAL No. OF DWGS. 8