



- 1) This map has been prepared from field surveys carried out by the Surveys Subsection, Planning and Surveys Section, Water Management Branch, and photogrammetric mapping compiled by the Surveys and Mapping Branch of the Ministry of Environment, Province of British Columbia.
- 2) **SURVEY DATA:**  
 a) Horizontal control for the bathymetry was established by traverse using Hewlett-Packard Distance Meter, Model 3800B and Tellurometer, Model WRA 101.  
 b) Subaqueous contours were drawn from depths established by Raytheon Depth Recorder, Model DE-719B.  
 c) Position control for bathymetry was maintained by simultaneous fixes from theodolites which were set over coordinated shore stations.
- 3) **DATUM:**  
 a) The horizontal control for bathymetry is based on Integrated Survey Monuments 4305 and 4318, established by the Surveys and Mapping Branch, 1972.  
 b) The horizontal control for land topography is based on Mapping Project 72-67.  
 c) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.
- 4) The elevations of the bathymetry and additional vertical control points are in metres and are referred to Monument 4891, Pentlcton, established by the Surveys and Mapping Branch, 1972.
- 4) **FIELD BOOKS:**  
 Survey data are recorded in Field Book No.'s 2215 F-11, 2260 G-1 to L-6 and 2216 I-1.
- 5) **AIR PHOTOGRAPHS:**  
 D.C. 5654; Frames 233 to 236 and 239 to 243, exposed May 30, 1975. Photo scales: Approx. 1:8000.
- 6) **MAPPING:**  
 The area was mapped under Project No.'s 80-1297 at a scale of 1:2500 and 72-67 at a scale of 1:5000 using second order photogrammetric equipment.
- 7) **REFERENCE MONUMENTS:**
- |           | Nothing       | Easting     | Elevation |
|-----------|---------------|-------------|-----------|
| 72 H 4891 | 5 486 253.190 | 311 406.369 | 343.993   |
| 72 H 4305 | 5 486 260.864 | 311 696.663 | 344.031   |
| 72 H 4318 | 5 486 324.661 | 312 036.068 | 343.743   |

**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.

LEGEND	KEY MAP	REFERENCES	REVISIONS	SURVEYED BY	Province of British Columbia	Ministry of Environment WATER MANAGEMENT BRANCH	FILE No.
***34366*** 200 YEAR FLOODPLAIN LIMIT ELEVATION IN METRES --- EDGE OF UNDERWATER SHELVE -342.53- NORMAL HIGHWATER OPERATING LEVEL 50m 0 50 100 150m SCALE 1:2500	SEE DRAWING NO. 4567A-76	DWG No. DESCRIPTION DATE	No. DESCRIPTION DATE	B. SCHUBERT DATE OCT. 1978 COMPILED J. T.A.M. CHECKED DATE DRAWN B. T. A. S. CHECKED DATE SEPT. 1982 ENGINEER	British Columbia	Ministry of Environment WATER MANAGEMENT BRANCH	Inventory 0305080-1 SURVEY PROJECT No. 78-51P-5 NTS Map No. 82E/12 SCALE 1:2500 DRAWING No. 4567-76P
APPROVED _____ DATE _____					SHEET 100 of 103		