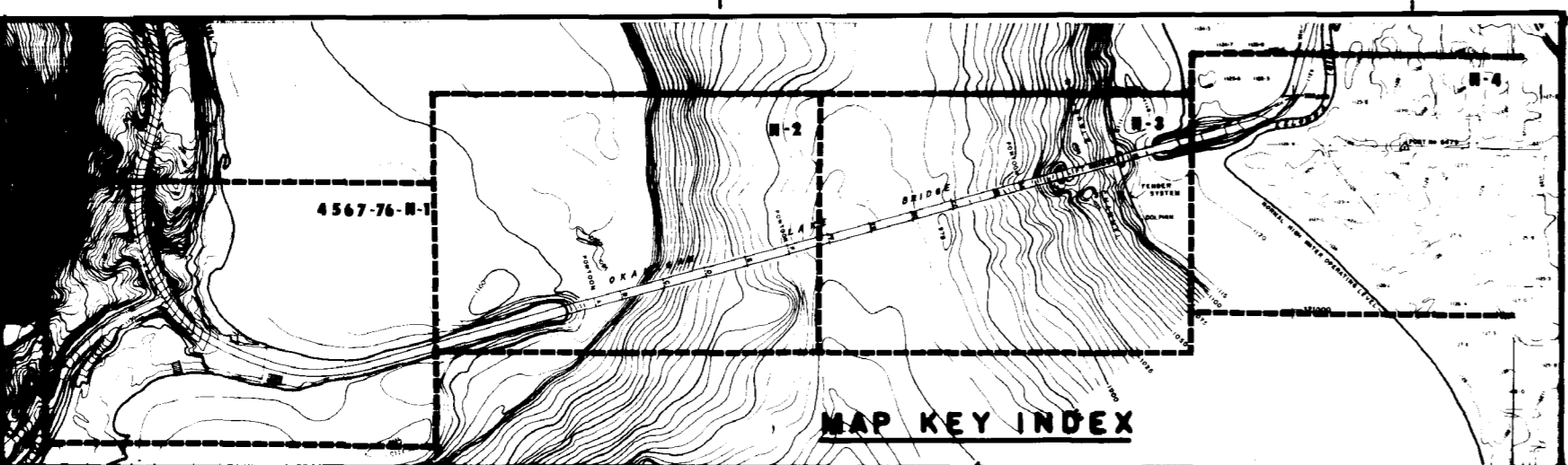


**NOTE:**  
 This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "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.



**OPERATING LEVELS**

<b>NORMAL</b>	HIGH WATER LEVEL — 1123.8'
	LOW WATER LEVEL — 1119.8'
<b>EXTREME</b>	HIGH WATER LEVEL — 1125.5'
	LOW WATER LEVEL — 1116.8'



**NOTES**

- This map has been prepared from field surveys carried out by the Surveys Section, Planning and Surveys Division, Water Investigations Branch, including photogrammetric mapping, prepared by the Surveys and Mapping Branch, Ministry of the Environment, Province of British Columbia.
- Survey Data**
  - Horizontal control was established by triangulation.
  - Subaqueous contours below elevation 1120 were determined by Raytheon depth sounder Model DE 719.
  - Bathymetric fix is made independent by having simultaneous observations to the transducer taken by theodolite from two shore stations.
  - Planimetric mapping above contour elevation 1120 was

- supplied by Surveys and Mapping Branch, Mapping Project 72-5T - Vernon Creek.
- The survey was carried out during the period August 21 - 25, 1976.
- Location of bridge and pontoons are taken from Dwg. No's 5280-2, 5281-2, available through the British Columbia Toll Highways and Bridges Authority, and prepared by Swan, Wooster & Partners, Consulting Engineers, March, 1957.
- Datum**
  - Coordinates are polygonic rectangular referred to Latitude 49° and Longitude 119°.
  - Horizontal control for the mapping above contour elevation 1120 is based on provincial network and the

horizontal control for mapping below contour elevation 1120 is based on integrated survey monument no.'s 6437, 6479, 6483 and 6516.

Elevations (feet) are referred to Bench Mark 1378-J, Kelowna, established by Geodetic Survey of Canada 1959.

Field Books: Survey data are recorded in field books No.'s 2140F2 page 38-43, 2140F3 page 37-38, and 21401-3.

Air Photographs: B.C. 5512 frames 174-176 for planimetric details at west end of bridge, exposed August 25, 1972, photo scale 1 inch = 2650 feet. B.C. 5499 frames 284-286 for planimetric details at east end of bridge, exposed August 4, 1972, photo scale 1 inch = 2650 feet.

**LEGEND**

- ▲ TRIANGULATION STATION
- ⊕ BENCH MARK
- ⊙ GROUND CONTROL POINT
- AIR PHOTO CENTRE
- ROAD
- - - TRAIL
- ~ CREEK
- - - CREEK INTERMITTENT
- ~ CREEK INDEFINITE
- ⊙ SWAMP
- CONTOURS & ELEVATIONS
- ▭ BUILDING
- DRAINAGE AREA BOUNDARY

**STORAGE LICENCES**

LICENCE	PRIORITY DATE	AUTHORIZED ACRE- FEET	DEVELOPED ACRE- FEET

**REFERENCES**

DWG NO	DESCRIPTION	DATE

**REVISIONS**

NO	DESCRIPTION	DATE

SURVEYED: B Schubert  
 DATE: MAY 1977  
 DESIGNED:  
 DRAWN:  
 TRACED: G.M.R.  
 CHECKED: J. Walker  
 DATE: MAY 1977

BRITISH COLUMBIA  
 MINISTRY OF THE ENVIRONMENT  
 ENVIRONMENTAL AND ENGINEERING SERVICES  
**WATER INVESTIGATIONS BRANCH**  
 STORAGE INVENTORY PROGRAMME  
 OKANAGAN BASIN - COLUMBIA SYSTEM  
**OKANAGAN LAKE**  
 PLAN OF BATHYMETRIC SURVEY  
 OKANAGAN LAKE BRIDGE

FILE NUMBERS  
 BRANCH:  
 INVENTORY: 0305080-1  
 SCALE: 1 inch = 50 Feet  
 SURVEY PROJECT NO. 76-01A-1/10  
 DWG. NO. 4567-76-N  
 SHEET 1 of 4

SEE DWG. No 4567-76-N-2