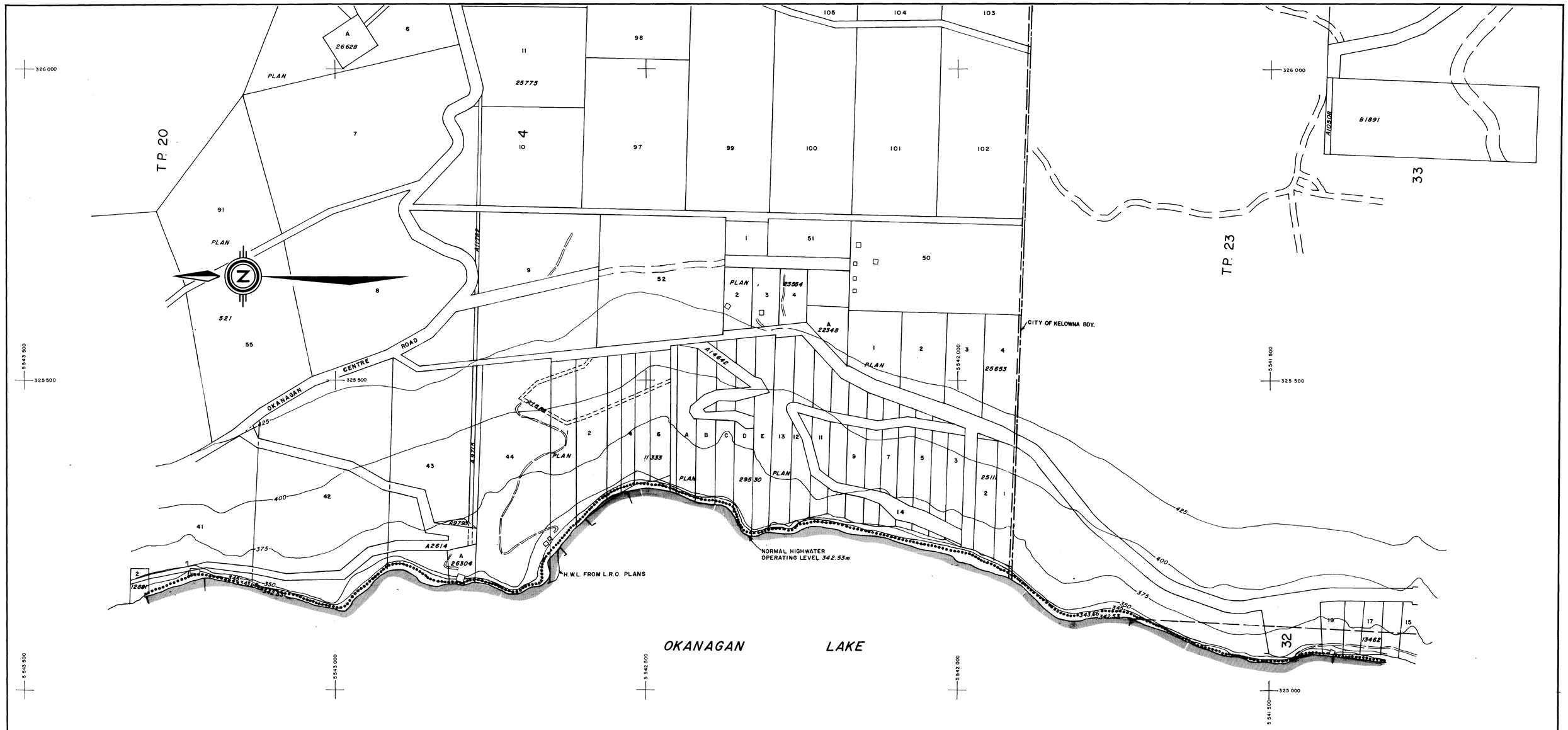

NOTE:

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 map has been prepared from field surveys carried out by the Surveys Sub-Section, Planning and Surveys Section, Inventory and Engineering Branch, and photogrammetric and cadastral mapping, compiled by the Surveys and Mapping Branch of the Ministry of Environment, Province of British Columbia.

2) SURVEY DATA:
   a) Horizontal control was established by traverse using Hewlett-Packard Distance Meter, Model 3800B.
   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.
   d) Contours between Elevation 342.53 and Elevation 345.0, were drawn from cross-sections obtained by field surveys. The location of cross-section lines was established by photo-identification. Minimum contour interval 0.5 metre.
   e) The survey was carried out during the period August-September, 1979.

3) DATUM:
   a) The horizontal control is based on Integrated Survey Monument No's. 75H2855, 75H2466, 6437, 6483, 6419, and 6470, Kelowna, established by the Field Operations Division, Surveys and Mapping Branch.
   b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.
   c) Elevations are based on Canadian Geodetic Datum.

4) FIELD BOOKS:
   Survey data are recorded in Field Book No's. 2212 F1, 2212 L1 to 2213 L3, inclusive, and 2212 I.

5) MAPPING:
   The area above contour 345.0 was mapped under Project No's. 72-5T and 79-101T-O at a scale of 1:5000, using second order photogrammetric equipment.

6) REFERENCE MONUMENTS:

	Northing	Easting	Elevation
WRS Mon. 1688	5 527 523.107	318 404.922	343.451
WRS Mon. 1687	5 525 975.702	318 019.806	343.544

Mon. 1688 → Mon. 1687 = S 13° 58' 53" W - 1594.61

LEGEND

•••343.66••• FLOOD PLAIN LIMIT ELEVATION IN METRES
— — — EDGE OF UNDERWATER SHELF
342.53 NORMAL HIGH WATER OPERATING LEVEL

50m 0 50 100 150m
SCALE 1:2500

KEY MAP

SEE DRAWING NO. 4567A-76.

REFERENCES

DWG. No.	DESCRIPTION	DATE

REVISIONS

No.	DESCRIPTION	DATE

SURVEYED M. PRONK
DATE SEPT. 1979
COMPILED M. PRONK
CHECKED
DATE FEB. 1981
DRAWN
CHECKED
DATE FEB. 1981
ENGINEER

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH

STORAGE INVENTORY PROGRAMME
OKANAGAN BASIN - COLUMBIA SYSTEM

OKANAGAN LAKE

BATHYMETRIC PLAN OF LAKE SHELF KELOWNA AREA

APPROVED
HEAD, SURVEYS SUBSECTION
DATE FEB. 1981

FILE No.
Inventory 0305080-1
SURVEY PROJECT No. 74-F
NTS Map No. 82 E
SCALE 1:2500
DRAWING No. 4567-76-P
SHEET 35 of 103

DD