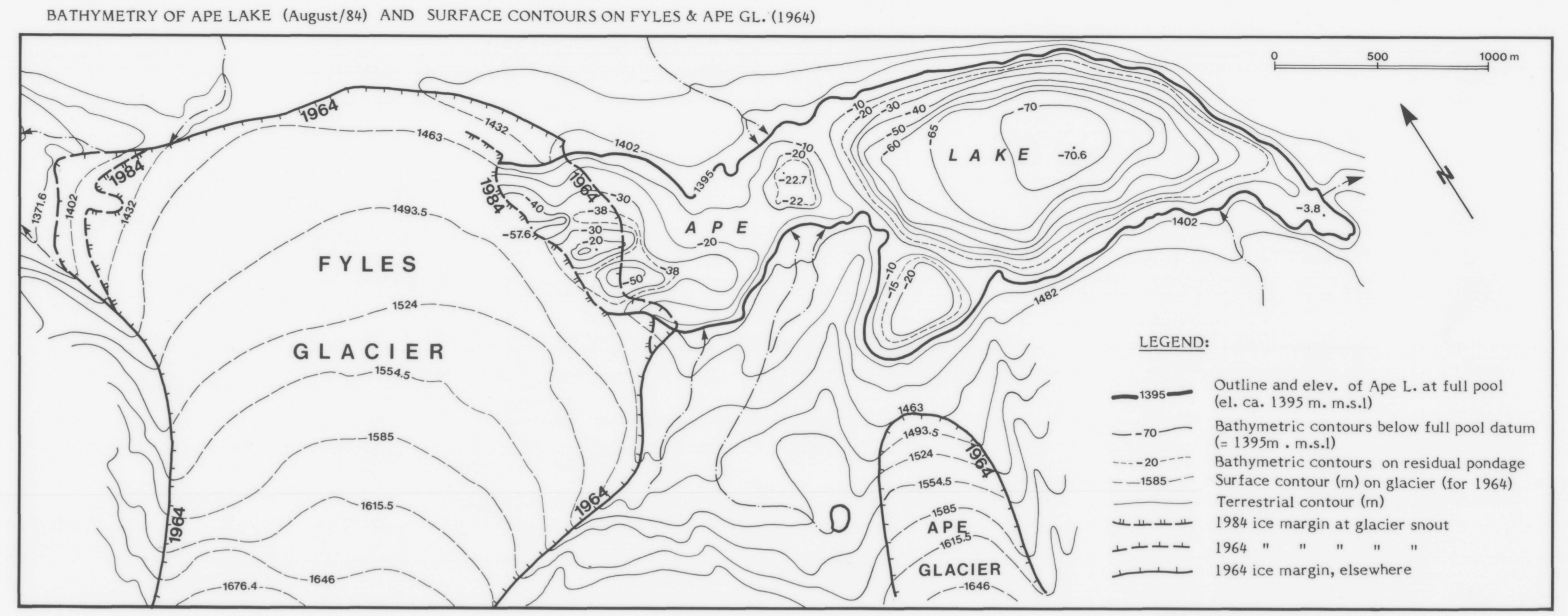
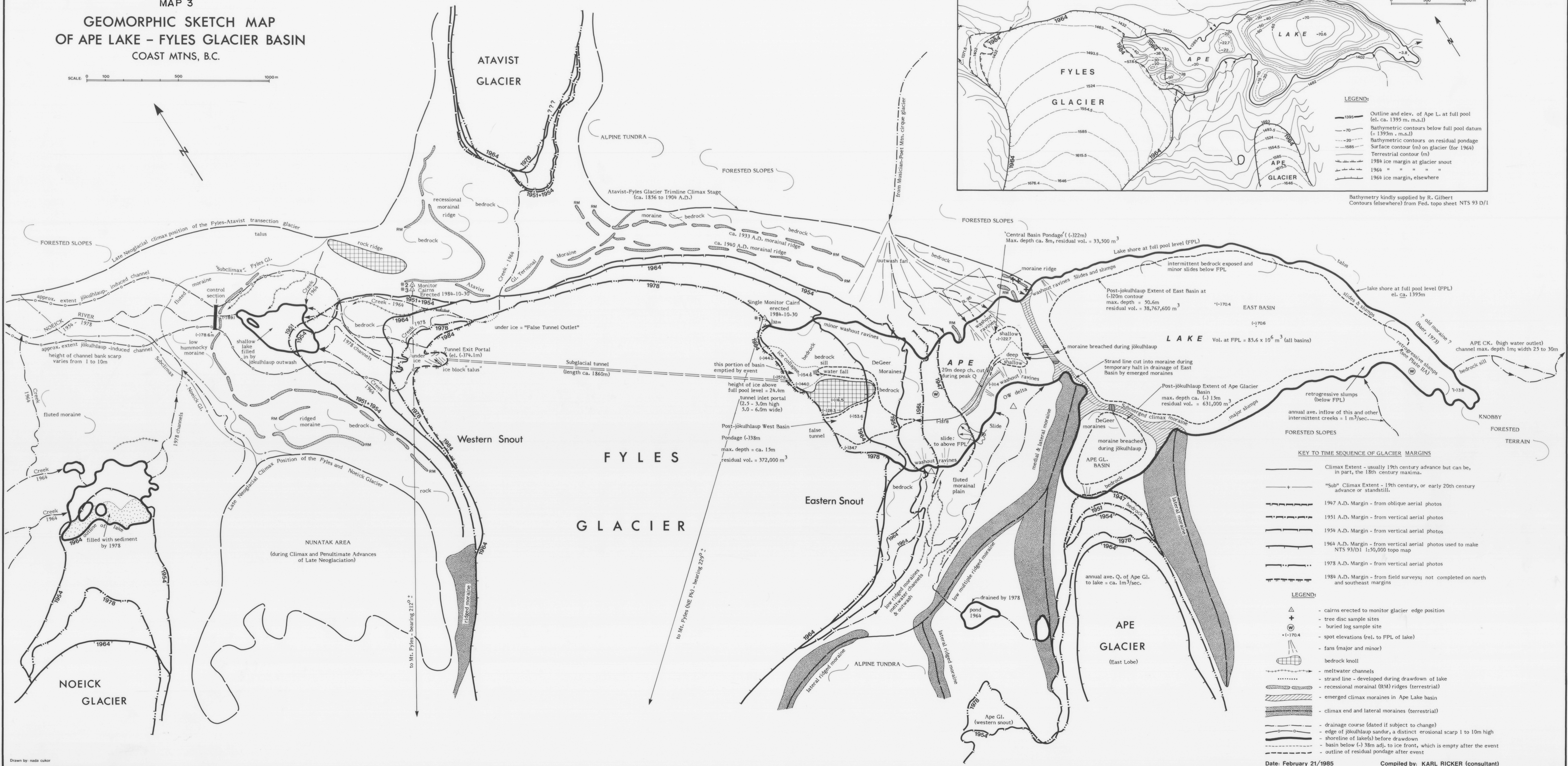


MAP 3
**GEOMORPHIC SKETCH MAP
 OF APE LAKE - FYLES GLACIER BASIN**
 COAST MTNS, B.C.

SCALE 0 100 500 1000m



Bathymetry kindly supplied by R. Gilbert
 Contours (elsewhere) from Fed. topo sheet NTS 93 D/1

KEY TO TIME SEQUENCE OF GLACIER MARGINS

- Climax Extent - usually 19th century advance but can be, in part, the 18th century maxima.
- - - "Sub" Climax Extent - 19th century, or early 20th century advance or standstill.
- 1947 A.D. Margin - from oblique aerial photos
- 1951 A.D. Margin - from vertical aerial photos
- 1954 A.D. Margin - from vertical aerial photos
- 1964 A.D. Margin - from vertical aerial photos used to make NTS 93/D1 1:50,000 topo map
- 1978 A.D. Margin - from vertical aerial photos
- 1984 A.D. Margin - from field surveys; not completed on north and southeast margins

- LEGEND:**
- △ - cairns erected to monitor glacier edge position
 - ⊕ - tree disc sample sites
 - ⊙ - buried log sample site
 - (-170.4) - spot elevations (rel. to FPL of lake)
 - fans (major and minor)
 - bedrock knoll
 - meltwater channels
 - strand line - developed during drawdown of lake
 - recessional morainal (RM) ridges (terrestrial)
 - emerged climax moraines in Ape Lake basin
 - climax end and lateral moraines (terrestrial)
 - drainage course (dated if subject to change)
 - edge of jökulhlaup sandur, a distinct erosional scarp 1 to 10m high
 - shoreline of lake(s) before drawdown
 - basin below (-) 38m adj. to ice front, which is empty after the event
 - outline of residual pondage after event

Date: February 21/1985 Compiled by: KARL RICKER (consultant)

This map has been produced from a scanned version of the original map
 Reproduction par numérisation d'une carte sur papier