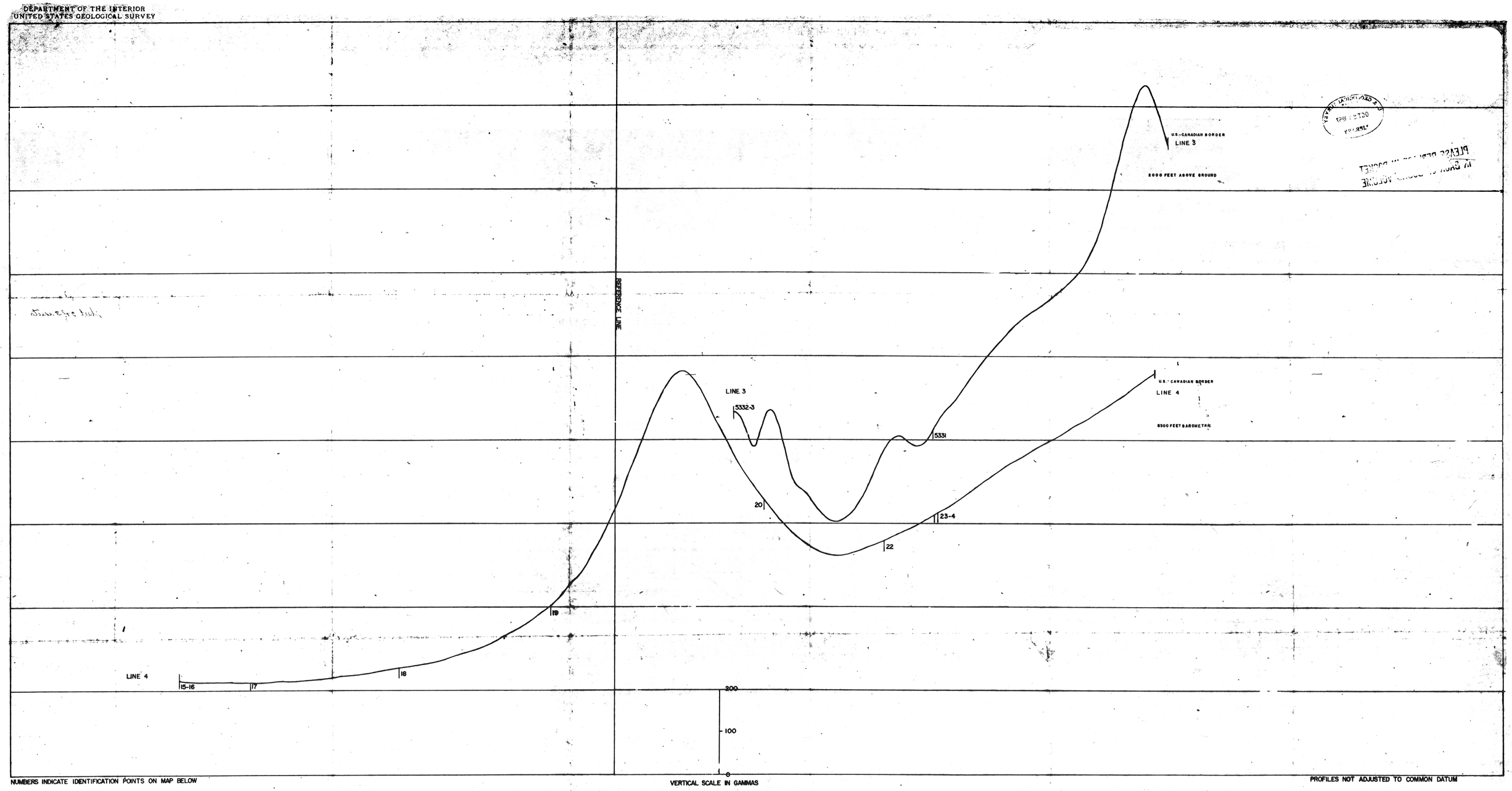
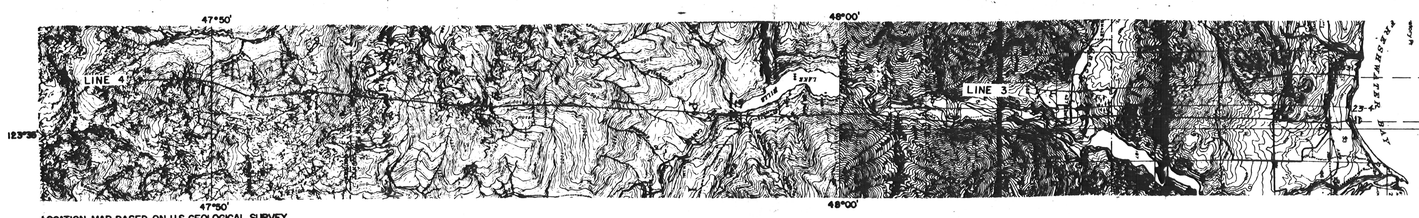
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



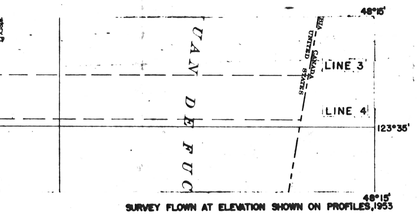
NUMBERS INDICATE IDENTIFICATION POINTS ON MAP BELOW

VERTICAL SCALE IN GAMMAS

PROFILES NOT ADJUSTED TO COMMON DATUM

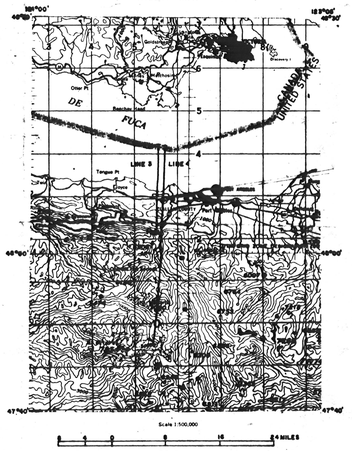


LOCATION MAP BASED ON U.S. GEOLOGICAL SURVEY AND CORPS OF ENGINEERS TOPOGRAPHIC MAPS



SURVEY FLOWN AT ELEVATION SHOWN ON PROFILES, 1953

INDEX MAP



TOTAL INTENSITY AEROMAGNETIC PROFILES OF OLYMPIC PENINSULA AREA, WASHINGTON

BY J.R. HENDERSON

1:62500

1957

SHEET 2 OF 3

EXPLANATORY TEXT

The magnetic profiles shown here were derived from a total-intensity aeromagnetic survey. The measurements were made by a continuously recording AN/ASQ-3A airborne magnetometer installed in a DC-3 airplane. Sectional aeronautical charts were used for pilot guidance, and the flight path of the aircraft was checked simultaneously by an observer with a vertical sighting device. The distance from plane to ground was measured with a continuously recording radio altimeter.

The profiles are being released for examination at this time as a supplement to the two preliminary aeromagnetic maps of parts of Grays Harbor, Pacific, Thurston, and Lewis Counties, Washington released to open file September 15, 1952, the Baker Bay to Goodman Creek, Washington profile March 30, 1953, and the eleven previous Olympic Peninsula profiles open filed March 12, 1954.

No correction has been made for regional gradient.

The profiles have been released without editorial and technical review for conformity to Geological Survey Standards.