DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 79-1363

SHEET 6 OF 12

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1964

Prepared by the Army Map Service (KCDV), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States Quadrangles, 1:25,000, AMS, 1953. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS, USC&GS and CE. Photography field annotated 1958. Limited revision by U.S. Geological Survey 1963

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

LEGEND
ROAD DATA 1958 – PARTIALLY REVISED 1963

POPULATED PLACES
Over 500,000 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Laramie
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

RAILROADS
Standard gauge — Single track Double or Multiple
Narrow gauge

BOUNDARIES
International

ROADS
Hard surface, heavy duty — 3 LANES | 4 LANES
More than two lanes wide
Two lanes wide; Federal route marker — 3
Hard surface, medium duty — 3 LANES | 4 LANES
More than two lanes wide
Two lanes wide; State route marker — 11
Improved light duty
Unimproved dirt
Trail

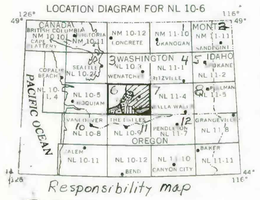
Landplane airport
Landing area

Landmarks: School; Church; Other
Horizontal control point

Scale 1:250,000
5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NL 10-6




Responsibility map
Bentley
Gardner
Swanson
Anderson

Units of Columbia River Basalt Group mapped in 1973-79. Other geology simplified and generalized from Bentley (1977), Swanson (1978), and Hammond (1980), with reconnaissance work by Swanson in 1979 in the upper Klickitat River and Ahtanum Creek drainage basins. Bentley assisted by G. Potts and D. Tahkeal, Anderson by T. Tolan. Some fold and monoclinal axes omitted for clarity; see Swanson and others (1979b) for complete structural data.

SECTIONIZED TOWNSHIP

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

YAKIMA, WASHINGTON
1958
LIMITED REVISION 1963

# RECONNAISSANCE GEOLOGIC MAP OF THE COLUMBIA RIVER BASALT GROUP IN EASTERN WASHINGTON AND NORTHERN IDAHO

BY D.A. SWANSON, J.L. ANDERSON, R.D. BENTLEY, G.R. BYERLY, V.E. CAMP, J.N. GARDNER, AND T.L. WRIGHT

1979