DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
OPEN-FILE REPORT 81-797
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WESTERN UNITED STATES 1:250,000

GRANGEVILLE

Geology mapped and compiled in 1978-80. Maps of the Columbia River Basalt Group by the following geologists were simplified and in some places modified: Bond (1963); Holden (1974); Kleck (1976); Price (1977); Reidel (1978); Ross (1978); Shubat (1979). The compilation by Walker (1979) was very helpful. Prebasalt geology in Idaho modified from Gaston and Bennett (1979).

LEGEND
ROAD DATA 1955 PARTIALLY REVISED 1962

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
Narrow gauge

BOUNDARIES

ROADS
Hard surface, heavy duty
More than two lanes wide
Two lanes wide, Federal route marker
Hard surface, medium duty
More than two lanes wide
Two lanes wide, State route marker
Improved light duty
Unimproved dirt
Trail

Landplane airport
Landing area
Landmarks: School; Church; Other
Horizontal control point

Scale 1:250,000

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

LOCATION DIAGRAM FOR NL 11-8

RELIABILITY DIAGRAM

SECTIONIZED TOWNSHIP

RECONNAISSANCE GEOLOGIC MAP OF THE COLUMBIA RIVER BASALT GROUP, NORTHERN OREGON AND WESTERN IDAHO

BY D.A. SWANSON, J.L. ANDERSON, V.E. CAMP, P.R. HOOPER, W.H. TAUBENECK, AND T.L. WRIGHT

1981

Responsibility map
Hooper
Camp
Swanson and Wright

GRANGEVILLE, IDAHO; OREG. WASH.
1955

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