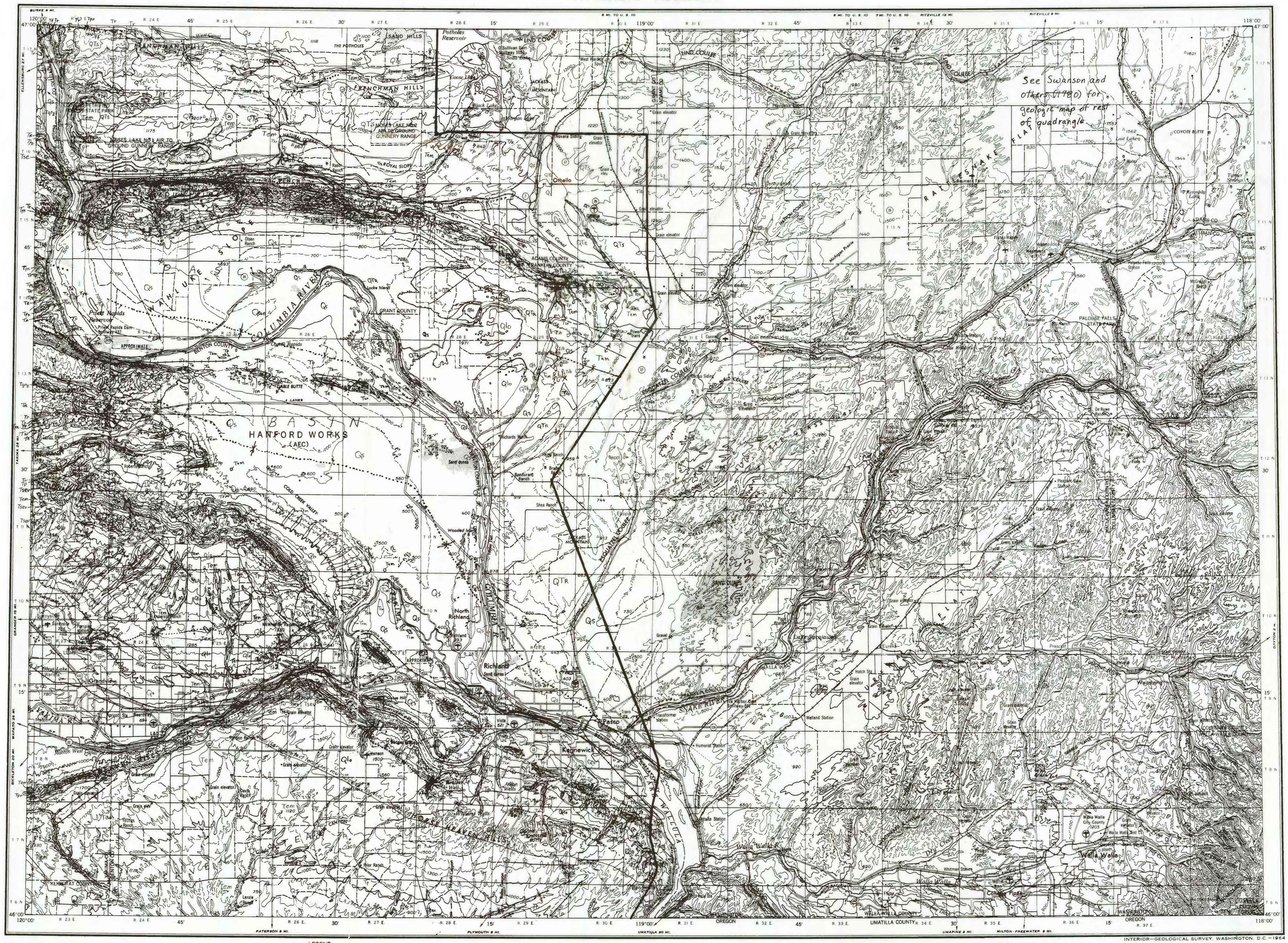
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 79-1363

SHEET 7 OF 12

WESTERN UNITED STATES 1:250,000

WALLA WALLA



Prepared by the Army Map Service (KCSX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by photogrammetric methods and from USGS and AMS quadrangles, 1:50,000 and 1:62,500, 1948-51. Horizontal and vertical control by USGS, USC&GS and USCE. Planimetric detail revised by photo-planimetric methods. Photography field annotated 1953. 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
OAD DATA 1953 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
Landplane airport

ROADS
Hard surface, heavy duty
More than two lanes wide — 2 LANES | 4 LANES
Two lanes wide; Federal route marker
Hard surface, medium duty
More than two lanes wide — 2 LANES | 4 LANES
Two lanes wide; State, Interstate route markers
Improved light duty
Dirt
Trail

Landmarks: School; Church; Other
Horizontal control point; Windmill

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 11-4

Gardner
Swanson
Bentley

Responsibility map

PASCO BASIN RESPONSIBILITY Geology mapped in 1978 and 1979

Generalized Geology of Pasco Basin compiled by S.P. Reidel from 1:62,500 map (Myers and Price, 1979). Responsibility for this mapping as follows (R, Rockwell; IS, Geoscience Research Consultants): 1, S.P. Reidel (R); 2, K.R. Fecht (R); 3, M.G. Jones and R.D. Landon (R); 4, E.H. Price (R); 5, F.E. Goff (R); 6, Jones, Price and J.N. Gardner (R); 7, Reconnaissance by S.P. Reidel (R); 8, J.G. Bond, J.D. Kauffman, W. Barrash, D.A. Miller, J.C. Brown, and S.H. Bush (IS) and J.N. Gardner (R); 9, modified from Swanson, Wright and Helz (1979); 10, R.D. Bentley (R). Surficial deposits from Grolier and Bingham (1971) modified by J.T. Lillie (R). See Swanson and others (1980) for geology of eastern part of Walla Walla sheet; see Myers and Price (1979) for outcrop map in Esquatzel Coulee area.

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	

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

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

WALLA WALLA, WASHINGTON; OREGON

1953

LIMITED REVISION 1963