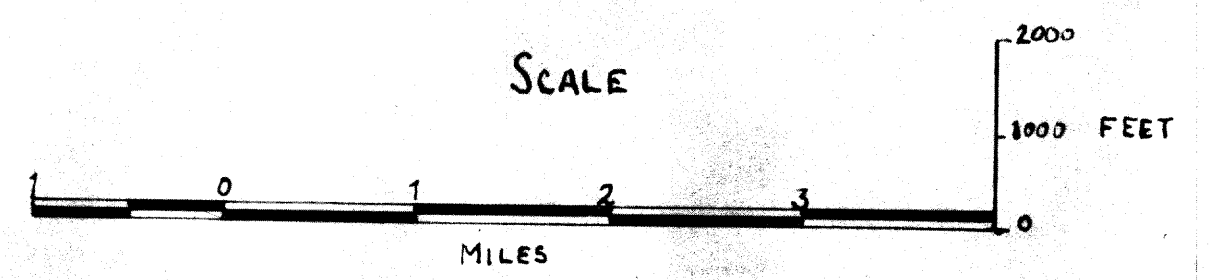


GEOLOGY AND GROUND WATER
 OF THE
PENDLETON AREA
 BY
 John Eliot Allen
 Department of Geology and Mineral Industries
 STATE OF OREGON
 1939



- LEGEND
- Dip of lavas from horizontal $\gamma 3^\circ$ \oplus (horizontal)
 - Axis of syncline
 - Faults
 - Flowing well \bullet
 - Pumped well \circ
 - Spring \downarrow

Base from U.S.G.S. Pendleton Quadrangle 1935
and Dam Site Survey 1938