

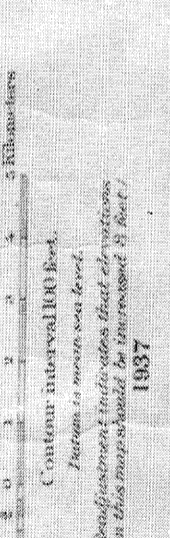
### EXPLANATION

- Coluvium (Slide rock)** (C<sub>sl</sub>)
- Deposits in the present stream valleys and alluvial fans and alluvial fans** (UNCONFORMITY)
- Terrace and bench gravels** (UNCONFORMITY)
- Lacustrine and fluvial deposits** (T<sub>1</sub>)  
*(With some sand dunes, lacustrine deposits occur in the northern part of the quadrangle. The lower part of the formation is a fine sand and gravel, low like the T<sub>1</sub> beds. Gravels in the lower part are also included.)*
- Columbia River lava** (C<sub>1</sub>)  
*(C<sub>1</sub> is a lava flow that includes some basic andesite.)*
- UNCONFORMITY**
- Dacite (Probable intrusives)** (D<sub>1</sub>)
- Andesitic tuff-breccia** (UNCONFORMITY (P)) (P<sub>1</sub>)
- Flow-banded red andesite with a little rhyolite** (P<sub>2</sub>)
- Dioley rhyolite breccia** (P<sub>3</sub>)  
*(Rhyolite and subordinate basalt.)*
- UNCONFORMITY**
- Biotite-quartz diorite** (P<sub>4</sub>)
- Trondhjemite (Hornblende-quartz diorite)** (P<sub>5</sub>)
- Hornblende-quartz diorite** (P<sub>6</sub>)
- Albite granite** (P<sub>7</sub>)
- Silicified gabbro** (P<sub>8</sub>)
- Greenstone of unknown age and composition, which includes both intrusive and extrusive rocks** (P<sub>9</sub>)
- Post-Carboniferous (?)**
  - Permian**
    - Altered volcanic rocks, with hornblende, quartz, and chert** (P<sub>10</sub>)
    - RELATIONS UNKNOWN**
    - Elkhorn Ridge argillite** (P<sub>11</sub>)  
*(Argillite, light and chert, with subordinate limestone and sandstone.)*
    - RELATIONS UNKNOWN**
    - Burnt River schist** (P<sub>12</sub>)  
*(Various greenstones, schists, quartz schist, coarse and fine, and some interbedded limestone.)*
  - Pre-Carboniferous (?)**
    - May be younger**
      - Faults, showing downthrow** (P<sub>13</sub>)  
*(See note on page 17.)*
      - Strike and dip of beds** (P<sub>14</sub>)
      - Horizontal bed** (P<sub>15</sub>)
      - Vertical bed** (P<sub>16</sub>)
      - Strike of vertical schistosity** (P<sub>17</sub>)

Geologic boundaries: Solid line, probably correct within 200 feet; dotted line, less accurately located.

**GEOLOGIC MAP AND SECTIONS OF THE BAKER QUADRANGLE, OREGON**  
Geology by James Gilluly assisted by J. C. C. C. C. Stewart, C. F. Park, Jr. and H. G. Michelson  
Surveyed in 1929-30

U. S. Geological Survey  
B. L. Gosses Geographical Institute  
Transmitted by S. S. Gannett  
Topography by F. H. Mc. Ken  
Surveyed in 1929-30



Donated by Grant Jenkins, SCS