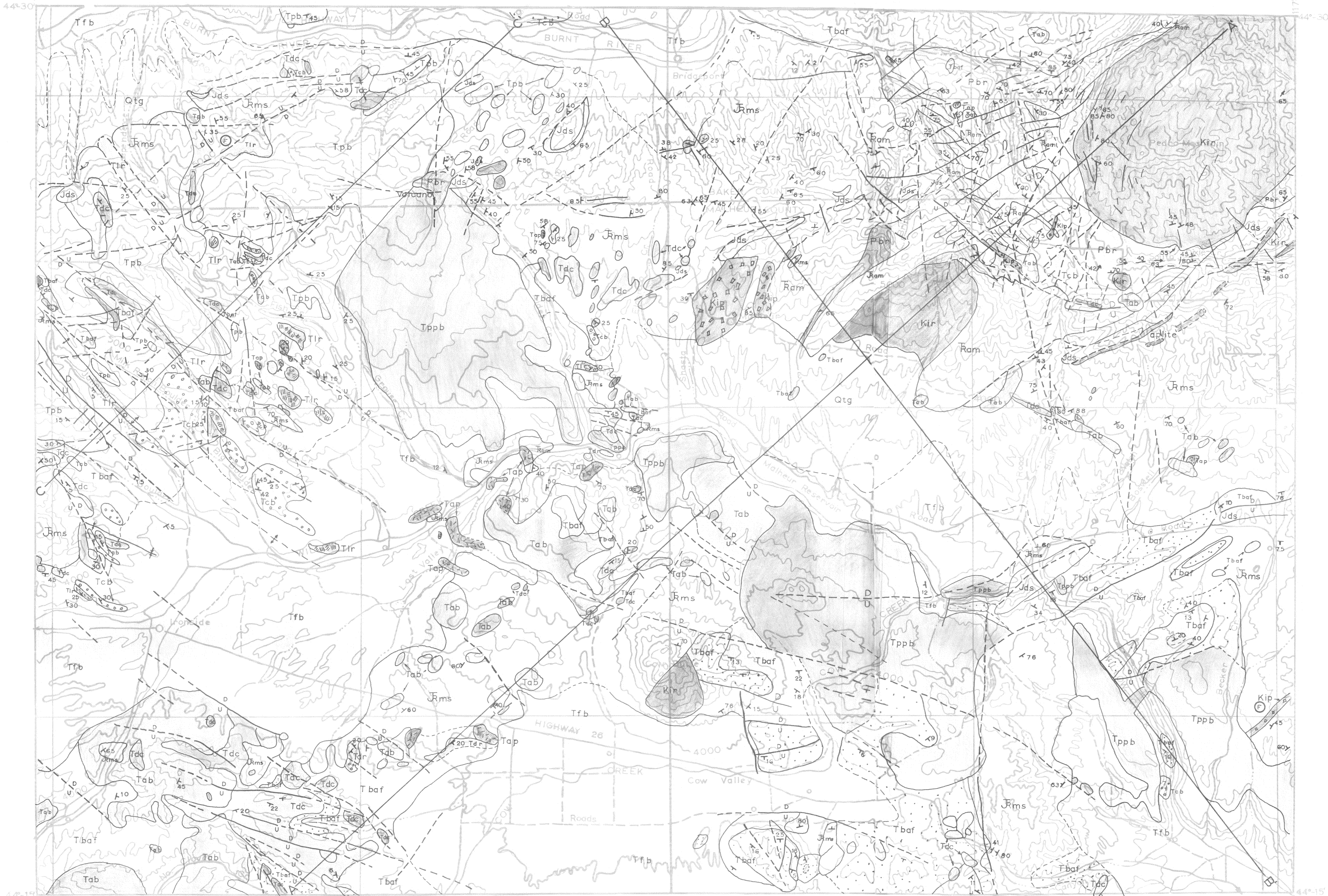


# GEOLOGY OF THE NORTHERN HALF OF THE CAVINESS QUADRANGLE, OREGON-PLATE 1.



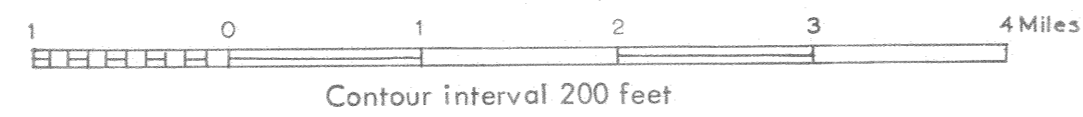
## EXPLANATION

|                           |  |   |                               |   |
|---------------------------|--|---|-------------------------------|---|
| Pliocene                  |  | Terrace gravels   | Contact, dashed where inexact |   |
|                           |  | Plio-Pleistocene basalt   |                               |   |
| Miocene                   |  | Fine basin fillings   | Strike and dip                |   |
|                           |  | Coarse basin fillings   |                               |   |
|                           |  | Unit 5, Platy basalt  |                               | Fault, dashed where inferred or inexact |
|                           |  | Unit 4, Littlefield Rhyolite and siliceous volcaniclastic rocks |                               |   |
| Miocene volcanic sequence |  | Unit 3, Aphanitic basalt and associated pyroclastic rocks       | Intrusive Rocks               |   |
|                           |  | Unit 2, Dinner Creek Welded Ash-Flow Tuff                       |                               |   |
|                           |  | Unit 1, Basal ash flows and associated sediments and basalts    |                               |   |
|                           |  | Andesite porphyry, partially intrusive                          |                               |   |
|                           |  | Cretaceous intrusive porphyry                                   |                               |   |
| Cretaceous                |  | Cretaceous intrusive rocks                                      | Cretaceous                    |   |
|                           |  | Diapiric serpentines  |                               |   |
| Jurassic                  |  | Mesozoic sedimentary and metasedimentary rocks                  | Jurassic                      |   |
|                           |  | Alpine mafic rocks  |                               |   |
| Permian (?)               |  | Burnt River Schist  | Lower Triassic                |   |

Base map enlarged from Army Map Service, Baker quadrangle, 1:250,000 scale

Geology by Ernest Wolff, 1965

SCALE 1:62,500



Contour interval 200 feet