

OF THE MEDFORD QUADRANGLE OREGON

SURVEYED BY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ISSUED BY
STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES
EARL K. NIXON, DIRECTOR, PORTLAND, OREG.

EXPLANATION

- Qal**
Alluvium
(Stratified gravel, sand, and silt; also slightly water-worn cobbles)
- Qb(?)**
Late basalt flows in Rogue River Valley
- Ti**
Later intrusives
(Diorite sills and basalt dikes)
- Ta**
Late andesite flows
(Light-gray andesitic flow)
- Tag**
Flow agglomerate
(Boulders from red flow breccia in an viscous and vesicular flow)
- Twt**
White tuff
(Fine-grained white rhyolitic tuff)
- Tot**
Buff tuff
(Buff fine-grained tuff with fragments of flow rock)
- Tvl**
Lava series
(Dominantly dark-gray andesite flows with local layers of tuff and breccia)
- Tes**
Water-worn and water-deposited volcanics
(Volcanic conglomerates, shales and tuffaceous sandstones with a few interbedded flows)
- Teu**
Umpqua formation
(Buff sandstones, shales, and conglomerates)
- Kc**
Chico formation
(Greenish to buff arkosic sandstones with local layers of conglomerate)
- Gr**
Granite
(Pink or reddish medium-grained rock with orthoclase, quartz, biotite, and hornblende)
- gd**
Tonolite and granodiorite
(Light-gray medium-grained rock with dominant plagioclase, quartz, hornblende, and biotite)
- di**
Diorite
(Dark-gray medium-grained rock with high percentage of dark minerals)
- gb**
Gabbro
(Dark-green coarse-grained dikes)
- sp**
Serpentine
(Weathered rock, brown-colored; unweathered rock, very dark green; forms red soil)
- ms**
Metavolcanics and metasediments
(Altered flows, argillites, arenites, and limonites)
- ym**
Younger metamorphics
(Quartzite, quartz-mica and quartz-amphibole schists, argillites, and marbles)
- os**
Old schists
(Highly foliated chlorite, epidote, and arsenic schists)

- U** — **U**, upthrow
D — **D**, downthrow
- Strike and dip of sedimentary beds
- Strike and dip of vertical beds
- Strike and dip of schistosity or foliation
- Strike of schistosity or foliation
- Strike and dip of joint planes
- Strike of vertical joint
- Direction of horizontal linear element
- Direction of dip of bed
- Mine Prospect Placer
- Q, MS
Mineral, or hot, spring

MINES AND PROSPECTS

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| 1. Quartz lode. | Sec. 7, T. 36 S., R. 2 W. | Gold lode. |
| 2. Copper Quartz. | Sec. 18, T. 36 S., R. 2 W. | Gold lode. |
| 3. Old Fort Lane. | Sec. 24, T. 36 S., R. 2 W. | Gold placer and lode. |
| 4. Brown prospect. | Sec. 12, T. 36 S., R. 1 E. | Clay, quicksilver. |
| 5. Newsum prospect. | Sec. 34, T. 36 S., R. 2 E. | Manganese. |
| 6. Tyrrell Mine. | Sec. 10, T. 37 S., R. 2 E. | Manganese. |
| 7. Bush prospect. | Sec. 9, T. 37 S., R. 2 E. | Manganese. |
| 8. Fox prospect. | Sec. 2, T. 37 S., R. 2 E. | Manganese. |
| 9. Coon Creek. | Sec. 30, T. 37 S., R. 2 E. | Manganese. |
| 10. Coal mine. | Sec. 9, T. 37 S., R. 1 W. | Coal. |
| 11. Hansen Coal Mine. | Sec. 3, T. 37 S., R. 1 W. | Coal. |
| 12. Millionaire Mine. | Sec. 30, T. 36 S., R. 2 W. | Gold lode. |
| 13. Placer mine. | Sec. 36, T. 36 S., R. 3 W. | Gold placer. |
| 14. Placer mine. | Sec. 6, T. 37 S., R. 2 W. | Gold placer. |
| 15. Bailey. | Sec. 1, T. 37 S., R. 3 W. | Manganese. |
| 16. Opp Mine. | Sec. 7, T. 37 S., R. 3 W. | Gold lode. |
| 17. Jacksonville Placer. | Sec. 31, T. 37 S., R. 2 W. | Gold placer. |
| 18. Crater Coal Co. | Sec. 36, T. 37 S., R. 1 W. | Coal. |
| 19. Benson Mine. | Sec. 15, T. 38 S., R. 1 E. | Coal. |
| 20. Belland Maxims Mine. | Sec. 20, T. 38 S., R. 2 W. | Gold lode. |
| 21. Sterling Mine. | Sec. 28, T. 38 S., R. 2 W. | Gold lode. |
| 22. Shands Mine. | Sec. 5, T. 39 S., R. 2 W. | Gold lode. |
| 23. (No name). | Sec. 36, T. 38 S., R. 1 W. | Placer. |
| 24. Phillips Mine. | Sec. 36, T. 38 S., R. 1 W. | Quicksilver. |
| 25. Fifty-nine Diggings. | Sec. 31, T. 38 S., R. 1 E. | Gold placer. |
| 26. Motters Mine. | Sec. 31, T. 38 S., R. 1 E. | Gold lode. |
| 27. Ashland Mine. | Sec. 7, T. 39 S., R. 1 E. | Gold lode. |
| 28. Shady Hope Mine. | Sec. 12, T. 39 S., R. 1 W. | Gold lode. |
| 29. Burdick, Hunt & Little (Pittsburg Mine). | Sec. 13, T. 39 S., R. 1 W. | Gold lode. |
| 30. Ashland Coal Mining Co. | Sec. 12, T. 39 S., R. 1 E. | Gold, silver. |
| 31. Barron Mine. | Sec. 23, T. 39 S., R. 2 E. | Gold lode. |
| 32. Skyline Mine. | Sec. 20, T. 39 S., R. 1 E. | Gold lode. |
| 33. Abandoned (No name). | Sec. 23, T. 39 S., R. 1 W. | Gold lode. |
| 34. No name; probably belong to Miller's Apogee group. | Sec. 29, T. 39 S., R. 1 W. | Chromium. |
| 35. To Miller's Apogee group. | Sec. 32, T. 39 S., R. 1 W. | Chromium. |
| 36. Big Shot. | Sec. 22, T. 39 S., R. 2 W. | Gold placer. |
| 37. No name; probably belong to Miller's Apogee group. | Sec. 5, T. 40 S., R. 2 W. | Chromium. |
| 38. Ashland Granite Quarry. | Sec. 1, T. 40 S., R. 1 E. | Granite. |
| 39. No name. | Sec. 17, T. 40 S., R. 2 E. | Gold lode. |
| 40. Jeddress & Rhodes. | Sec. 6, T. 41 S., R. 2 W. | Quicksilver. |
| 41. Owned by Phillips. | Sec. 6, T. 41 S., R. 2 W. | Gold placer. |
| 42. Grub Stake Mine. | Sec. 9, T. 41 S., R. 2 W. | Gold lode. |
| 43. No name. | Sec. 10, T. 41 S., R. 2 W. | Gold lode. |
| 44. Saly Annie Chrome Mine. | Sec. 14, T. 41 S., R. 2 W. | Chromium. |



Base by U. S. Department of the Interior,
Geological Survey, 1932-1933.

1 1/2 0 1 2 3 4 5 Miles
1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 100 feet
Datum is mean sea level
1939

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