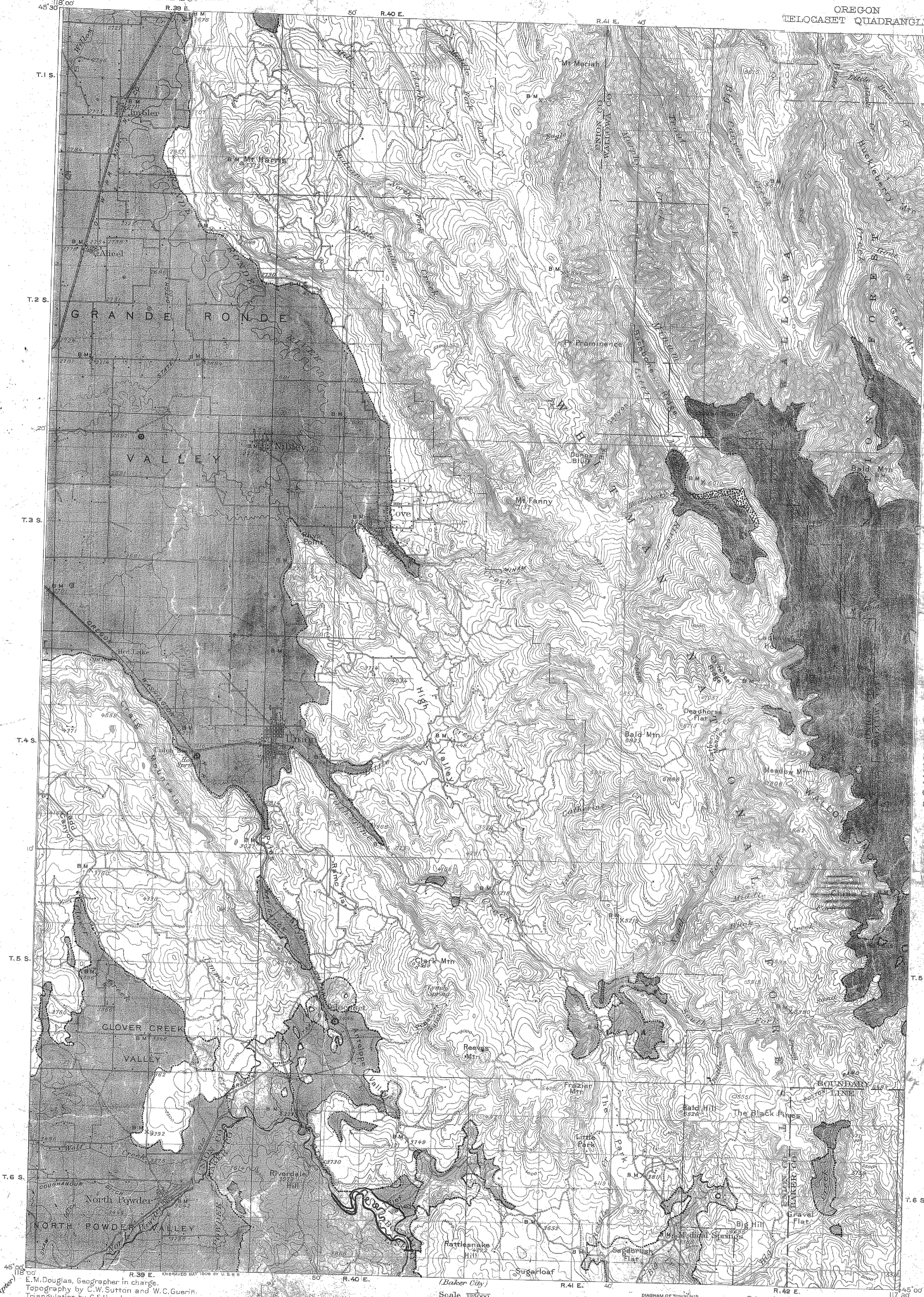


DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

OREGON  
TELOCASET QUADRANGLE



**LEGEND**

Sedimentaries: These include both Tertiary lakebeds and material of Pleistocene to recent age, the latter occurring chiefly as a veneer in the major valleys. The Tertiary material is exposed mostly in the Antelope and Thief Valley area and in parts of the North Powder-Clover Creek valleys.

Early river channel sediments characterized by highly rounded and polished, coarse gravels.

Basaltic and andesitic lavas: Tertiary

Wallowa Mt. Granitics: (quartz diorite and granodiorite) Cretaceous - (?)

Greenstone-Gabbro complex: (includes diorite and albite granite with small limestone lenses as well as greenstone and gabbro) Permian-Mesozoic - (?) The greenstone correlates with Gilluly's Clover Creek (Permian) of the Baker quad.

Greenstone: Probably correlates with the greenstone of the above complex, but here occurs relatively free of the gabbro diorite-albite granite association.

Geology by  
W.S. Wagner, 1951

E.M. Douglas, Geographer in charge.  
Topography by C.W. Sutton and W.C. Guerin.  
Triangulation by C.F. Urquhart.  
Surveyed in 1903-1904.

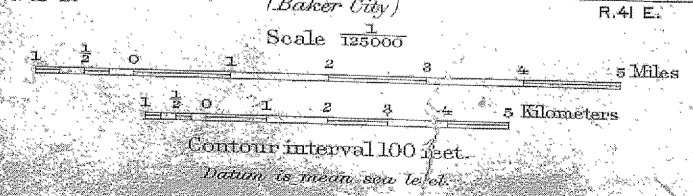


DIAGRAM OF TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Polyconic projection. To place on North American datum move projection lines 600 feet West

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