

GMS-84

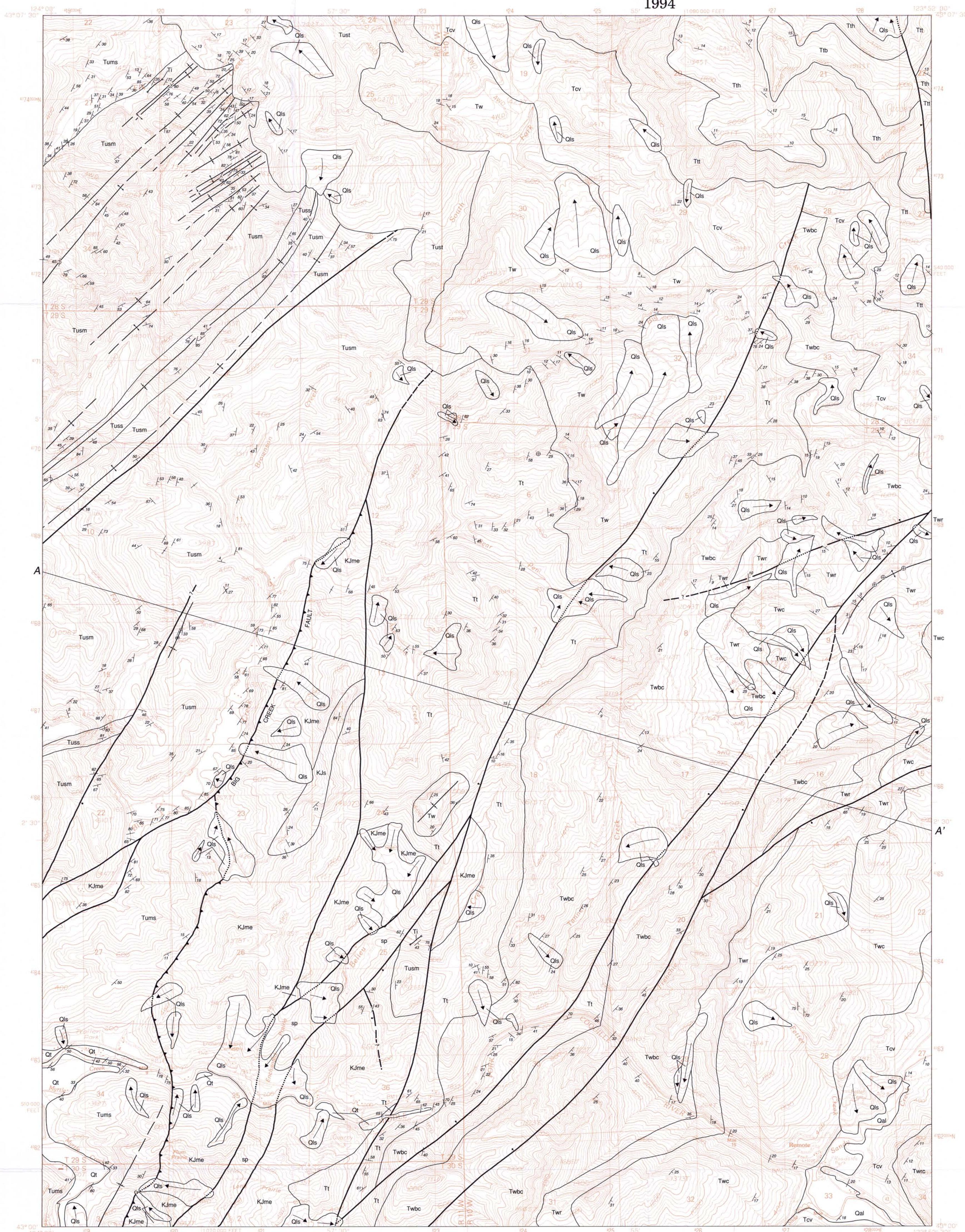
Geologic Map of the Remote Quadrangle, Coos County, Oregon

By Gerald L. Black

Geologic Map of the Remote Quadrangle, Coos County, Oregon

1994

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
DONALD A. HULL, STATE GEOLOGIST



Geology by Gerald L. Black, Oregon Department of Geology and Mineral Industries

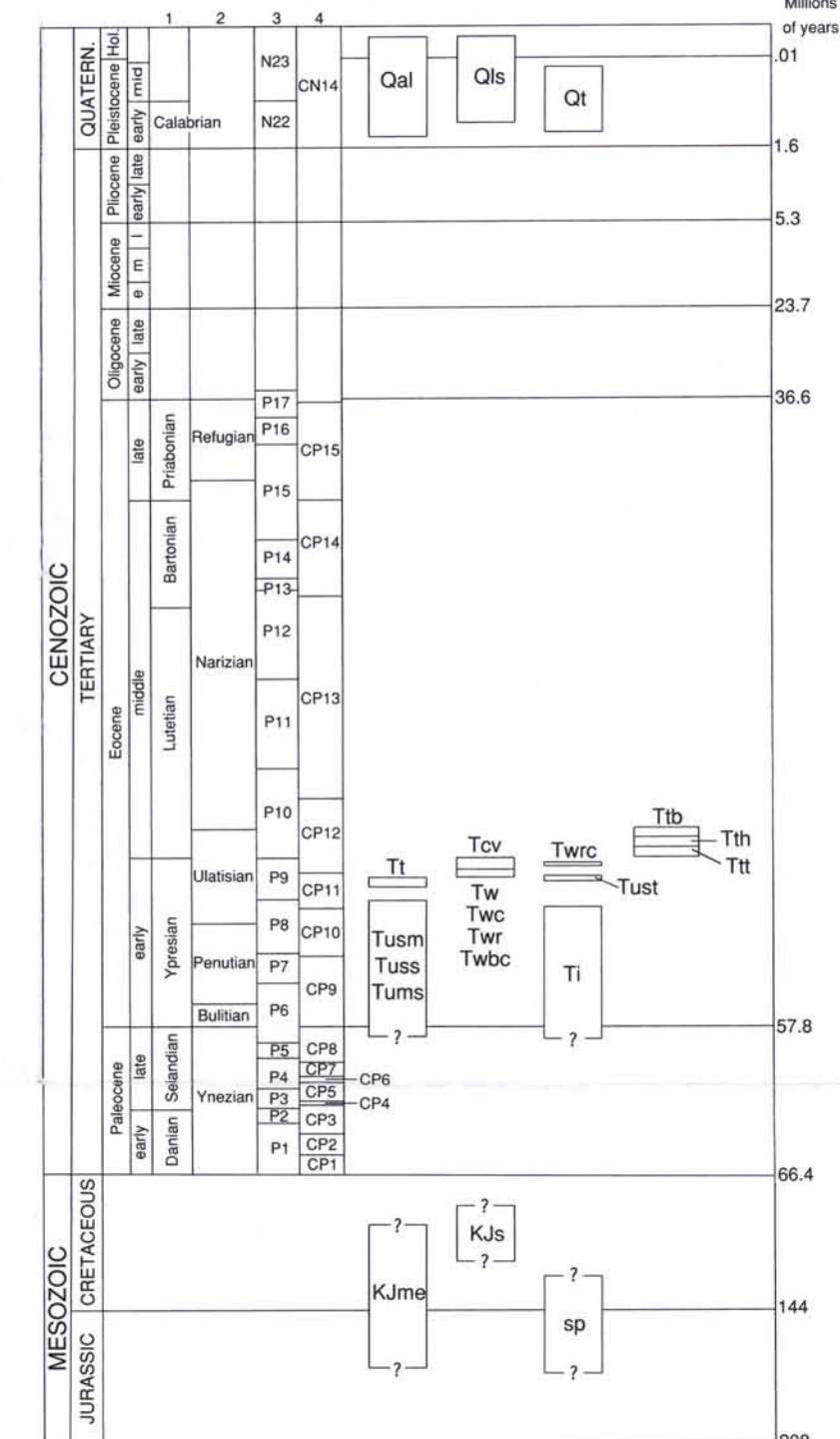
Reviewed by A.R. Niem and In-Chang Ryu, Oregon State University, T.J. Wiley and F.R. Hladky, Oregon Department of Geology and Mineral Industries, Ray Wells and C.M. Molenaar, U.S. Geological Survey

Field work conducted July, 1991-February, 1994

Cartography by Paul E. Staub

The geologic information on this map is available in digital formats

TIME ROCK CHART



EXPLANATION OF MAP UNITS

- Qal Quaternary alluvium (Holocene and Pleistocene)
- Qt Terrace deposits (Holocene and Pleistocene)
- Qls Landslide deposits (Holocene and Pleistocene)

ANGULAR UNCONFORMITY

Eocene Sedimentary Rocks

- Tyb Tyee Formation of Diller (1898) and Baldwin (1974) (middle Eocene Ulatian)
- Tth Hubbard Creek Member of Baldwin (1974) (middle Eocene Ulatian)
- Ttt Tyee Mountain Member of Baldwin (1974) (middle Eocene Ulatian)

LOCAL UNCONFORMITY

- Umpqua Group of Niem and others (1992) (upper Paleocene (?) and lower Eocene)
Divided into the following units:
- Tcv Camas Valley Formation of Niem and others (1992) (upper lower Eocene Ulatian)
- Tw White Tail Ridge Formation (undifferentiated) of Niem and others (1992) (upper lower Eocene Ulatian)
- Twrc Ralsler Creek Tongue of Niem and others (1992) (upper lower Eocene Ulatian)
- Twc Coquille River Member of Niem and others (1992) (upper lower Eocene Ulatian)
- Twr Remote Member of Niem and others (1992) (upper lower Eocene Ulatian)

LOCAL UNCONFORMITY

- Twbc Berry Creek Member of Niem and others (1992) (upper lower Eocene Ulatian)
- Tust Siltstone (upper lower Eocene Ulatian)

ANGULAR UNCONFORMITY

- Tt Tenmile formation of Niem and others (1992) (upper lower Eocene Ulatian)

ANGULAR UNCONFORMITY

- Tusm Sandstone-dominated turbidites (Paleocene? to lower Eocene)
- Tuss Massive sandstone (Paleocene? to lower Eocene)
- Tums Mudstone-dominated turbidites (Paleocene? to lower Eocene)

PRE-TERTIARY UNITS

- Kjs Biotite-bearing sandstone (Cretaceous)
- Kjme Melange (Jurassic-Cretaceous)

INTRUSIVE ROCKS

- Ti Diabase sills (Paleocene? to lower Eocene)
- sp Serpentine (Jurassic to Cretaceous)

MAP SYMBOLS

- Contact—approximately located
- Normal fault—dashed where approximate; dotted where concealed; ball and bar on downthrown side
- Thrust fault—teeth on upper plate; dashed where approximate; dotted where concealed
- Strike and dip of bedding (some strikes and dips were taken from University of Oregon masters' theses by Magoon (1966) and Trigger (1966))
- Horizontal bed
- Strike and dip of vertical bedding
- Strike and dip of overturned bedding
- Anticline axis—Dashed where approximate; dotted where concealed
- Syncline axis—Dashed where approximate; dotted where concealed
- Direction of landslide movement

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GEOLOGIC CROSS SECTION

