

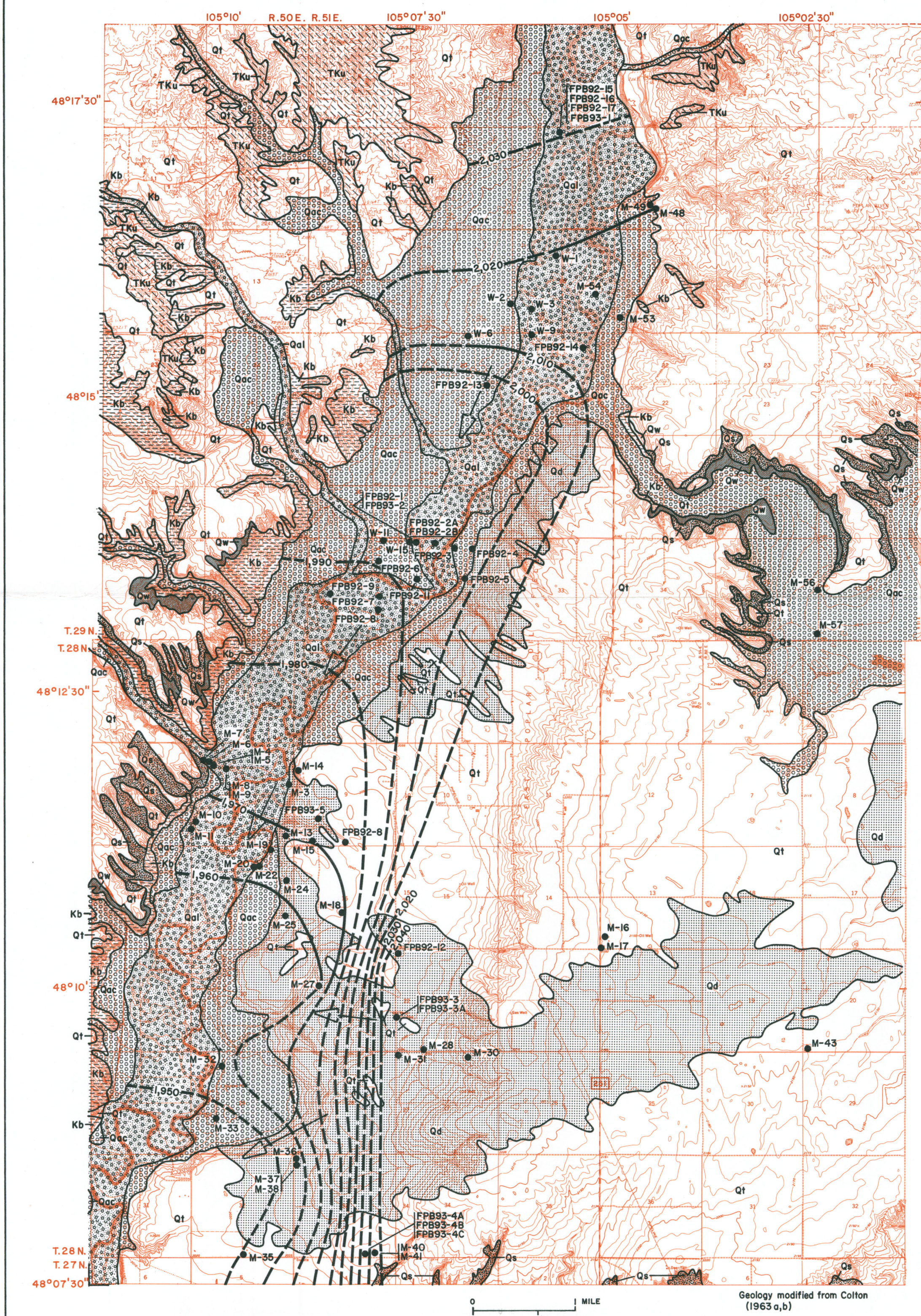


Figure 6. Potentiometric surface, generalized direction of water movement in Quaternary deposits, and generalized geology of the East Poplar oil field study area, northeastern Montana.

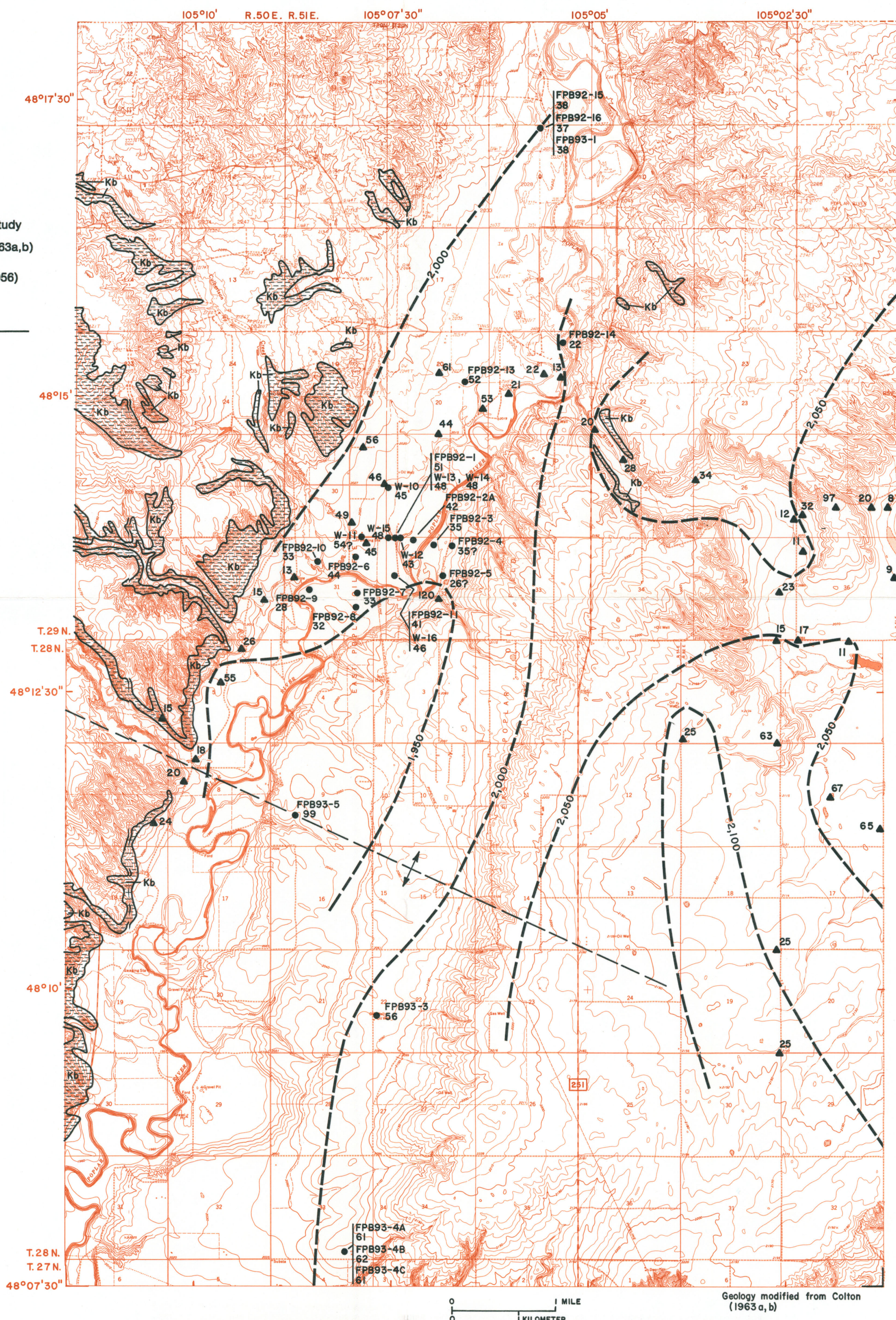
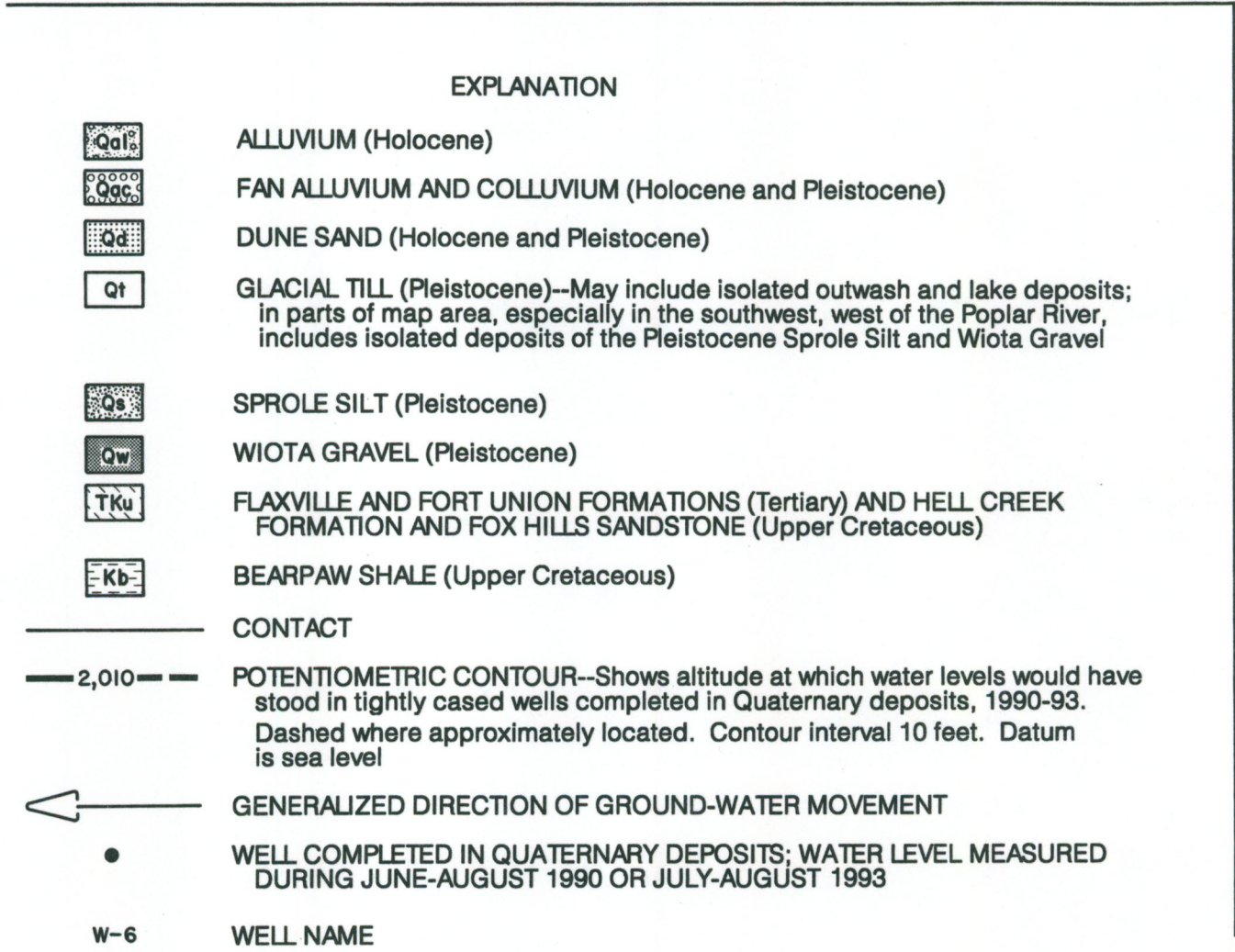
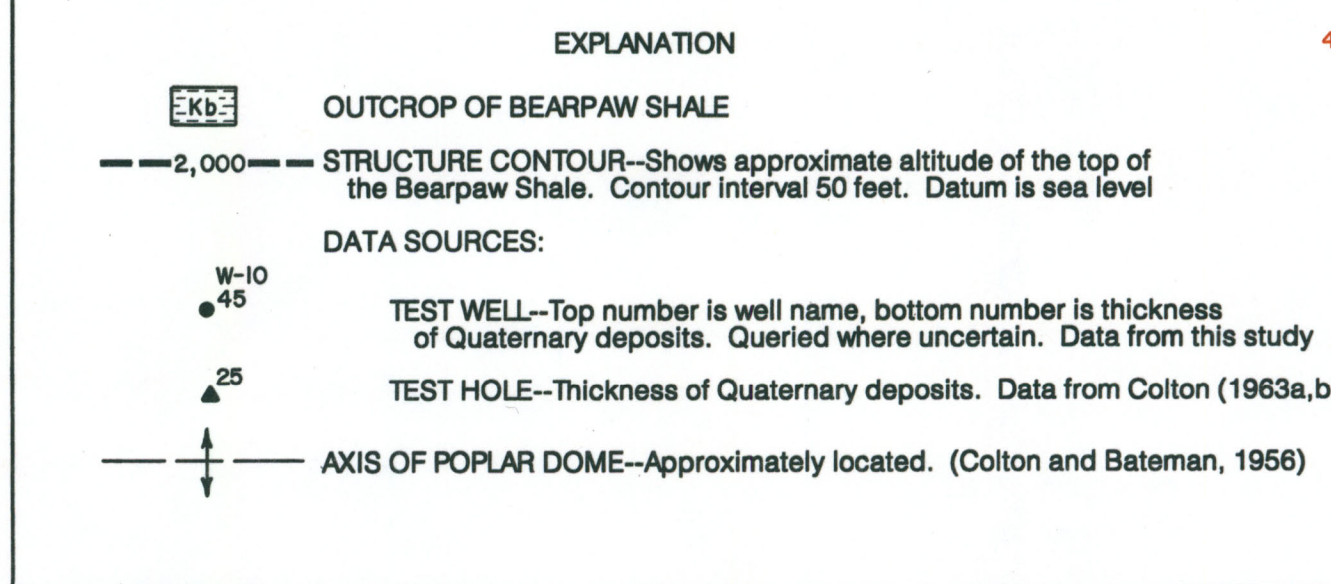


Figure 7. Thickness of Quaternary deposits and approximate altitude and configuration of the top of the Upper Cretaceous Bearpaw Shale in the East Poplar oil field study area, northeastern Montana.

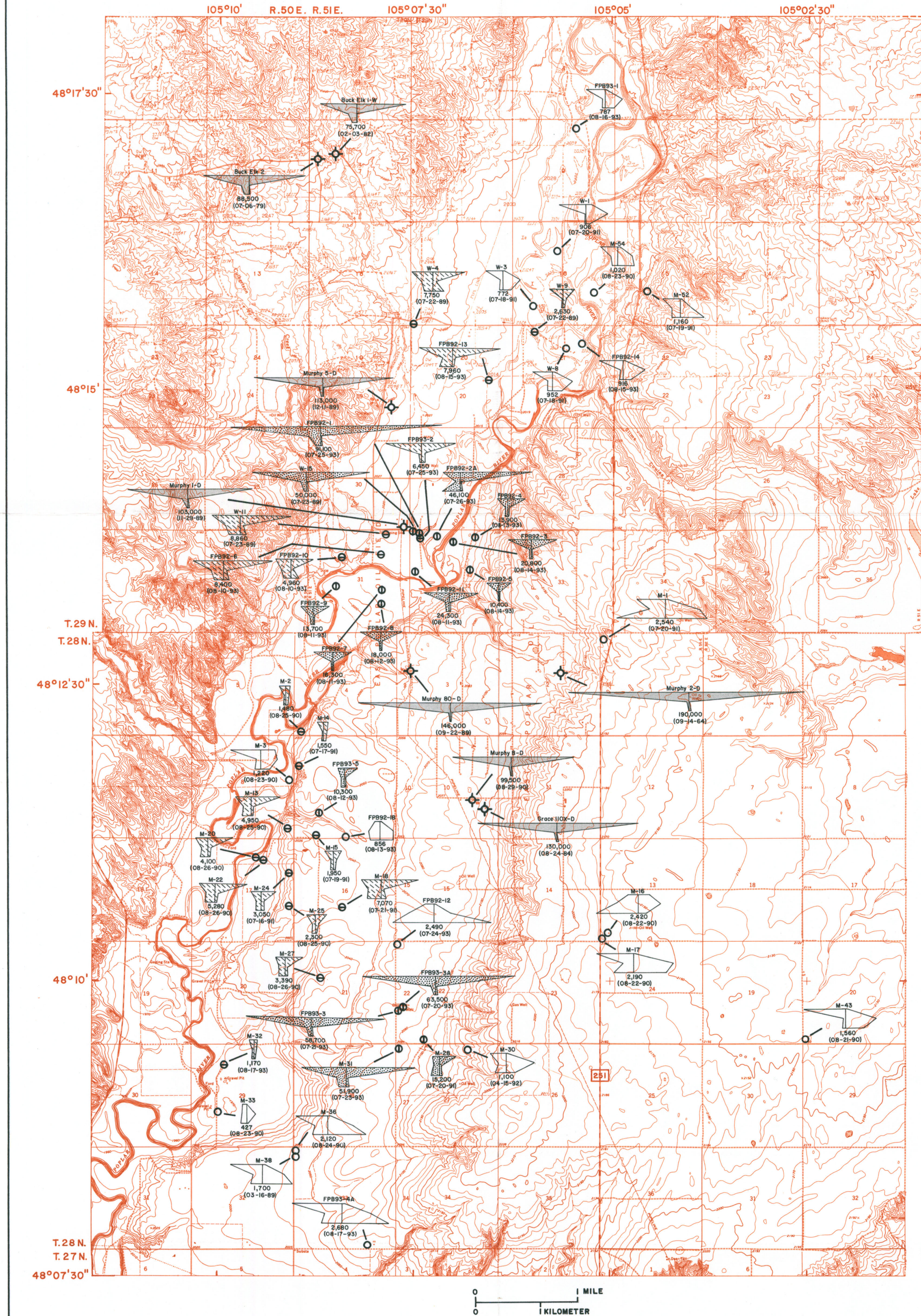


Figure 8. Chemical composition and dissolved-solids concentration of water from Quaternary deposits, 1989-93, and of water from brine-injection wells, 1964-90, in the East Poplar oil field study area, northeastern Montana.

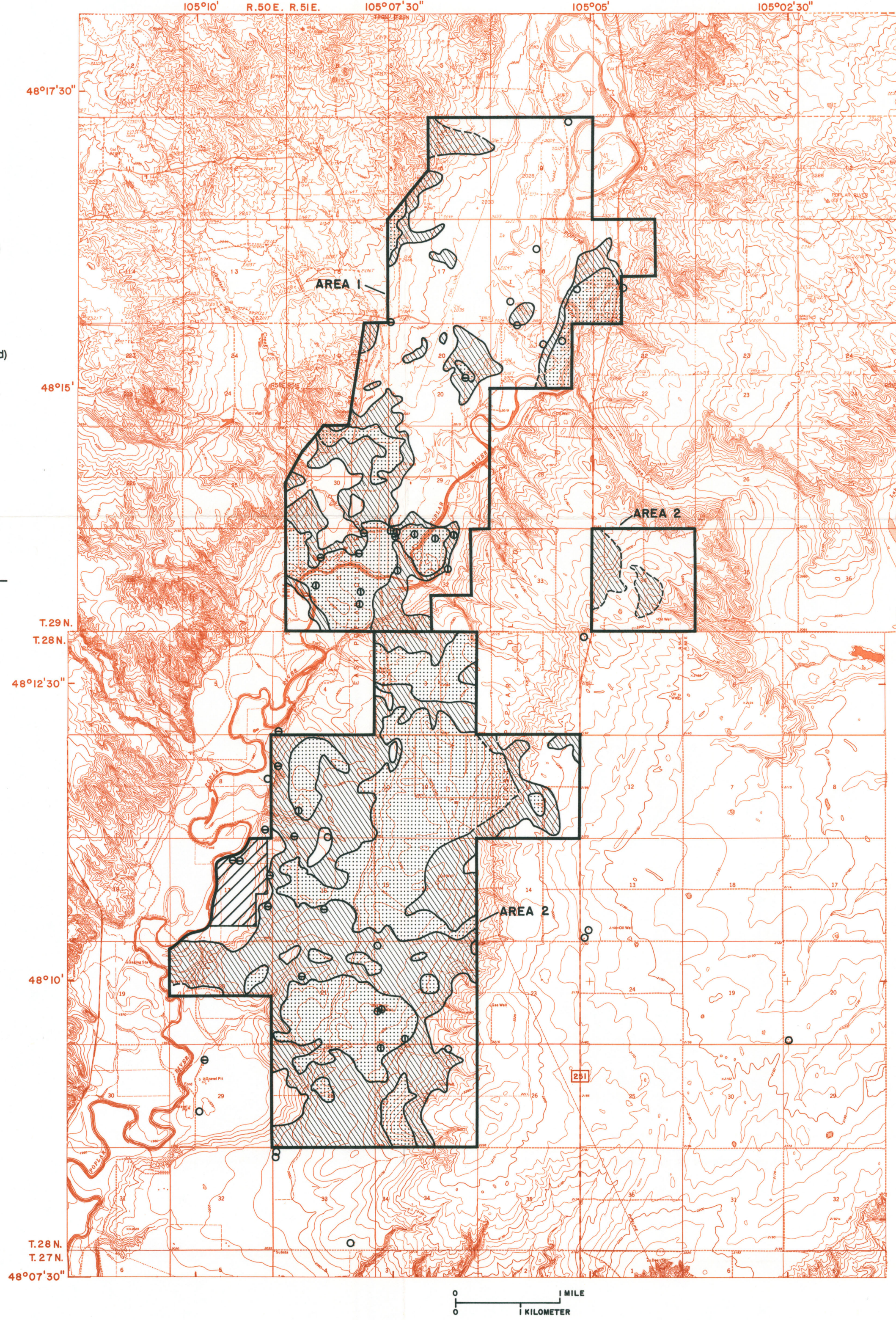
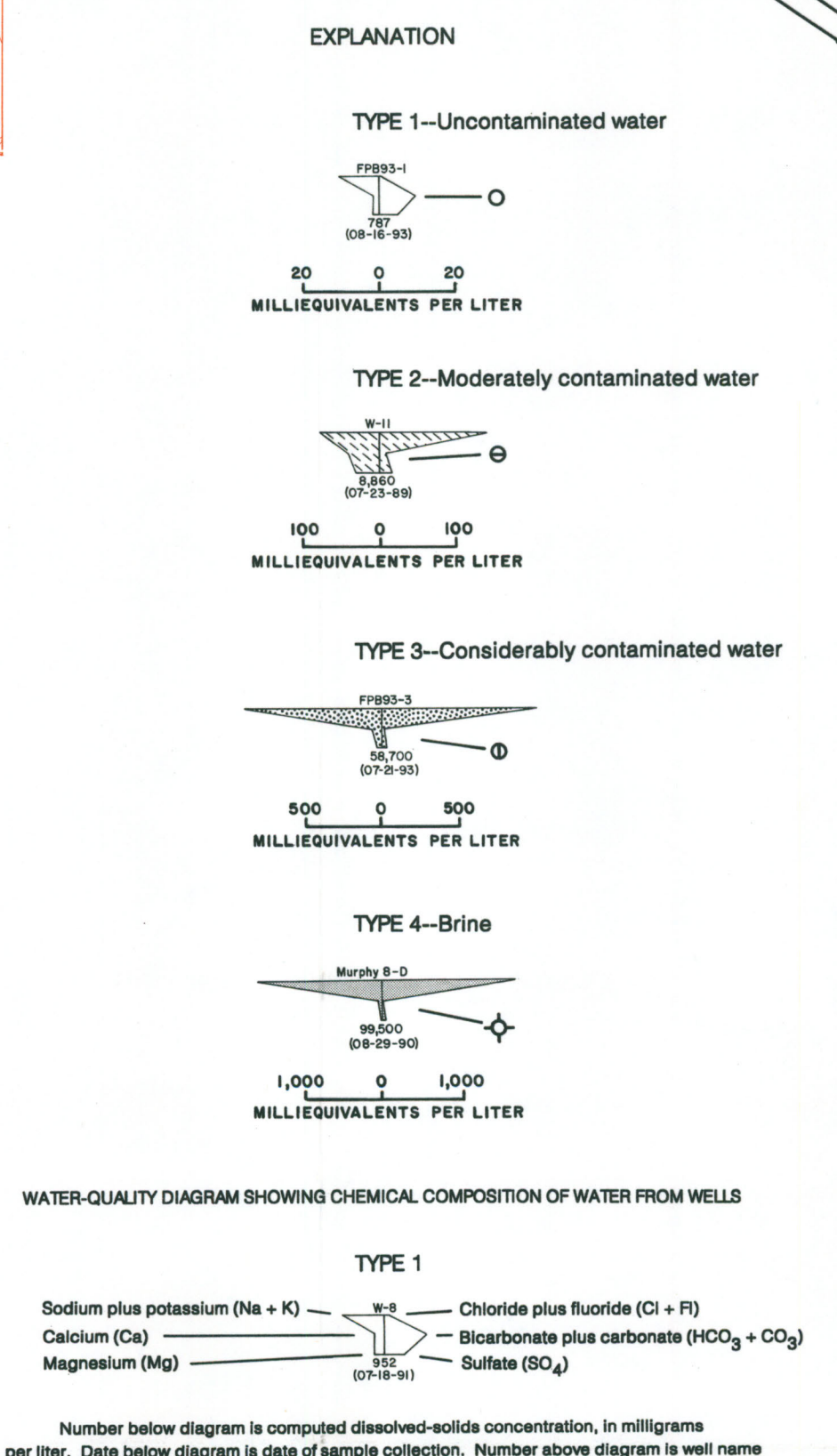
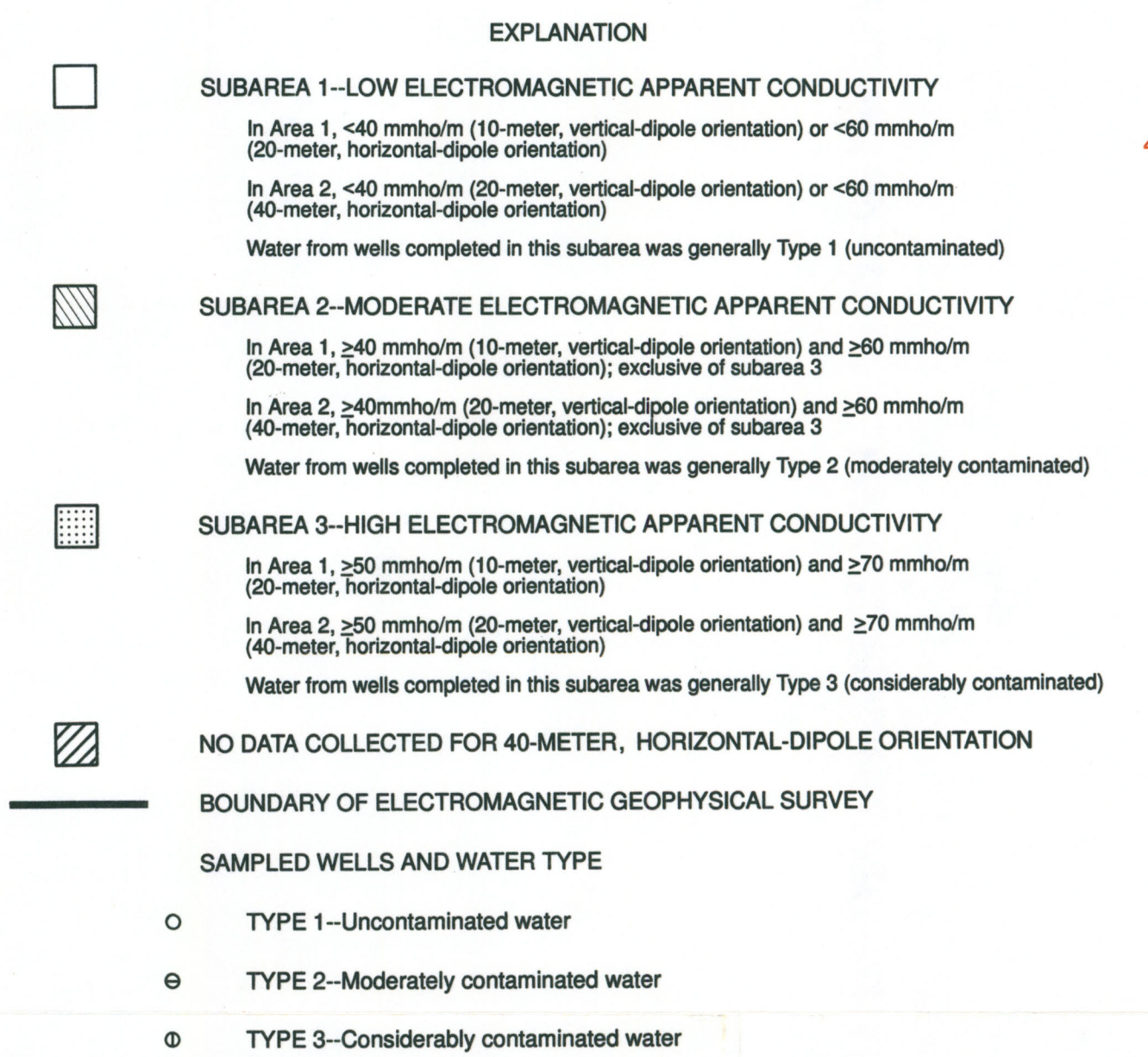


Figure 18. Subareas of low, moderate, and high electromagnetic apparent conductivity in Quaternary deposits, 1991-92, and types of water from Quaternary deposits, 1989-93, in the East Poplar oil field study area, northeastern Montana.