

EXPLANATION

- Water well.
- Flowing artesian well.
- Spring.
- 62 Well showing thickness in feet of alluvial deposits obtained from driller's log. A plus (+) sign indicates that the well did not penetrate the entire thickness of the alluvial deposits. A plus and minus (+) sign indicates the thickness is approximate.
- <60 Well completed in sedimentary rocks underlying alluvial deposits where only total depth of well is known. Number indicates depth of well in feet. The symbol (<) indicates thickness of alluvial deposits is less than depth of well.
- ▲ 06276500 Stream-gaging station. Number is USGS station number.
- ▼ 5 Location of specific-conductance measurement listed in table 6 and selected chemical analysis listed in table 4. Numeral indicates station number.
- Area where water-yielding sandstone beds of Fort Union, Lance, Meeteetse, and Mesaverde Formations are present at shallow depths in bottom land along Greybull River.
- Area of flood-plain alluvium containing temporary ponds and marsh-like areas caused by accumulation of irrigation tail water.
- Terrace eroded from Burlington, Greybull, and McKinnie terrace deposits, flood-plain alluvium, or alluvial-fan deposits. Numeral is height in feet of terrace above subjacent lowland. Wells may obtain water at a shallow depth in alluvial deposits forming the terraces. Upstream of abandoned Fenton School where terrace borders the flood-plain alluvium, wells probably encounter water in deposits of the terrace only in area near the flood-plain alluvium.

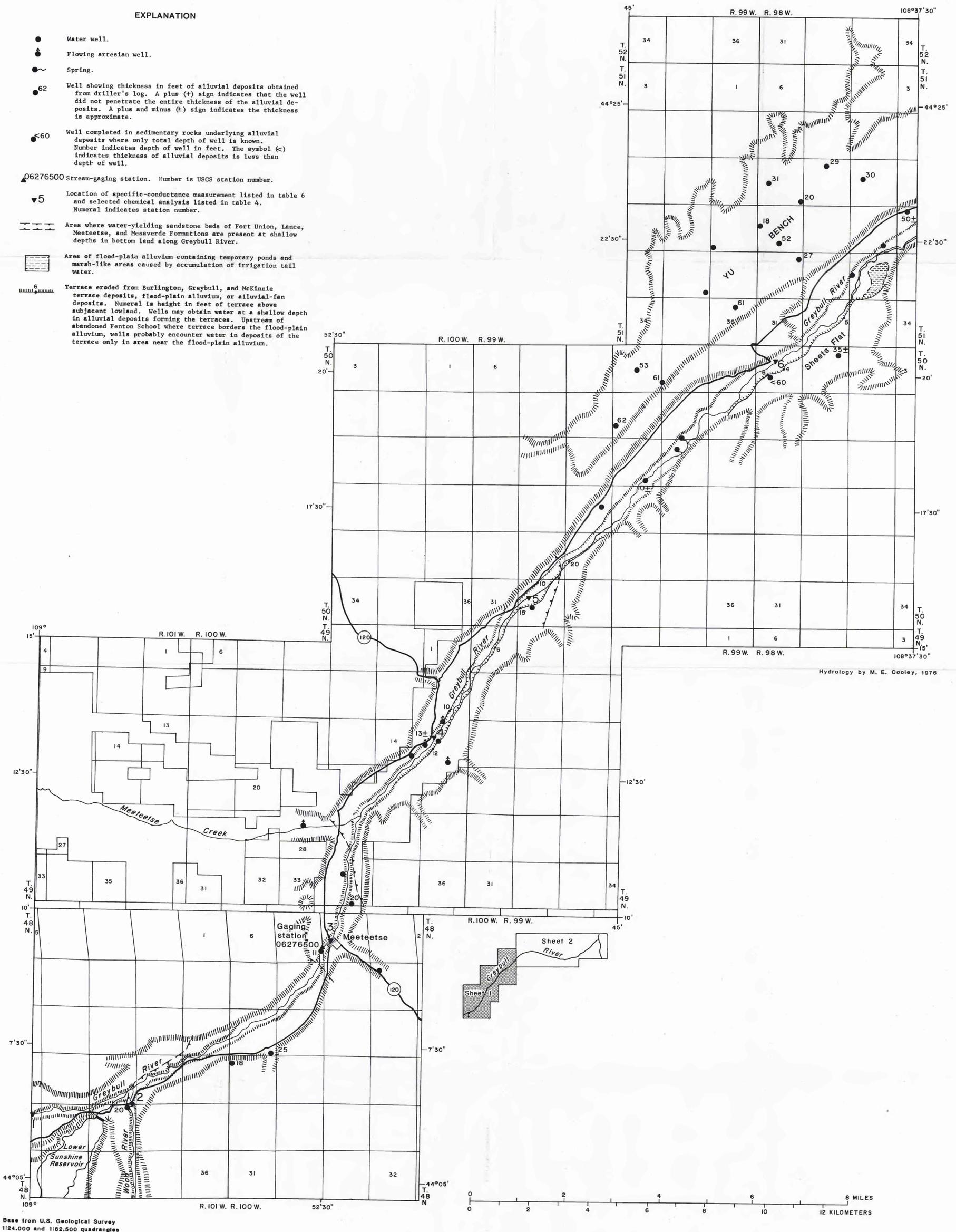


Plate 2.--Map showing thickness data, location of wells, surface resistivity measurements, and stream-sampling sites in the Greybull River Valley