



- Qal** ALLUVIUM - Unconsolidated sedimentary deposits in river valleys. Predominantly sand and gravel, locally interbedded with basalt flows. Thickness ranges from a few to over 300 feet. Yields small to large quantities of water.
- Qv** BASALTIC CONES - Accumulation of volcanic debris: flow breccia, clinders, and thin flows built up into cones.
- Qb** BASALT FLOWS - Aphanitic to porphyritic basalt including flows of the Snake River group and flows from local vents. Interflow zones of scoriaceous and rubby material normally yield large quantities of water.
- Tv** RHYOLITE - Silicic volcanic rocks including flows and pyroclastics with all degrees of induration. Age ranges from late Tertiary into Pleistocene. Yields small to large quantities of water.
- p-T** PRE-TERTIARY - Undifferentiated marine sediments consisting of thin bedded sandstone, limestone, and shale. Not reached by Rexburg Bench wells.
- CLOSED DEPRESSION OF UNKNOWN ORIGIN.**
- DIP-STRIKE OR DIRECTION OF DIP COMPONENT.**
- FAULT, MAPPED, INFERRED OR PROJECTED.**
- LOCATION OF GEOLOGICAL CROSS SECTION.**
- +** USBR EXPLORATORY HOLE OR OBSERVATION WELL.
- *** PRIVATE IRRIGATION WELL.
- +** ABANDONED OR SUSPENDED IRRIGATION WELL.
- o** SELECTED PRIVATE WELL.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
TETON BASIN PROJECT
LOWER TETON DIVISION
Idaho

REXBURG BENCH GROUNDWATER INVESTIGATIONS SURFACE GEOLOGY