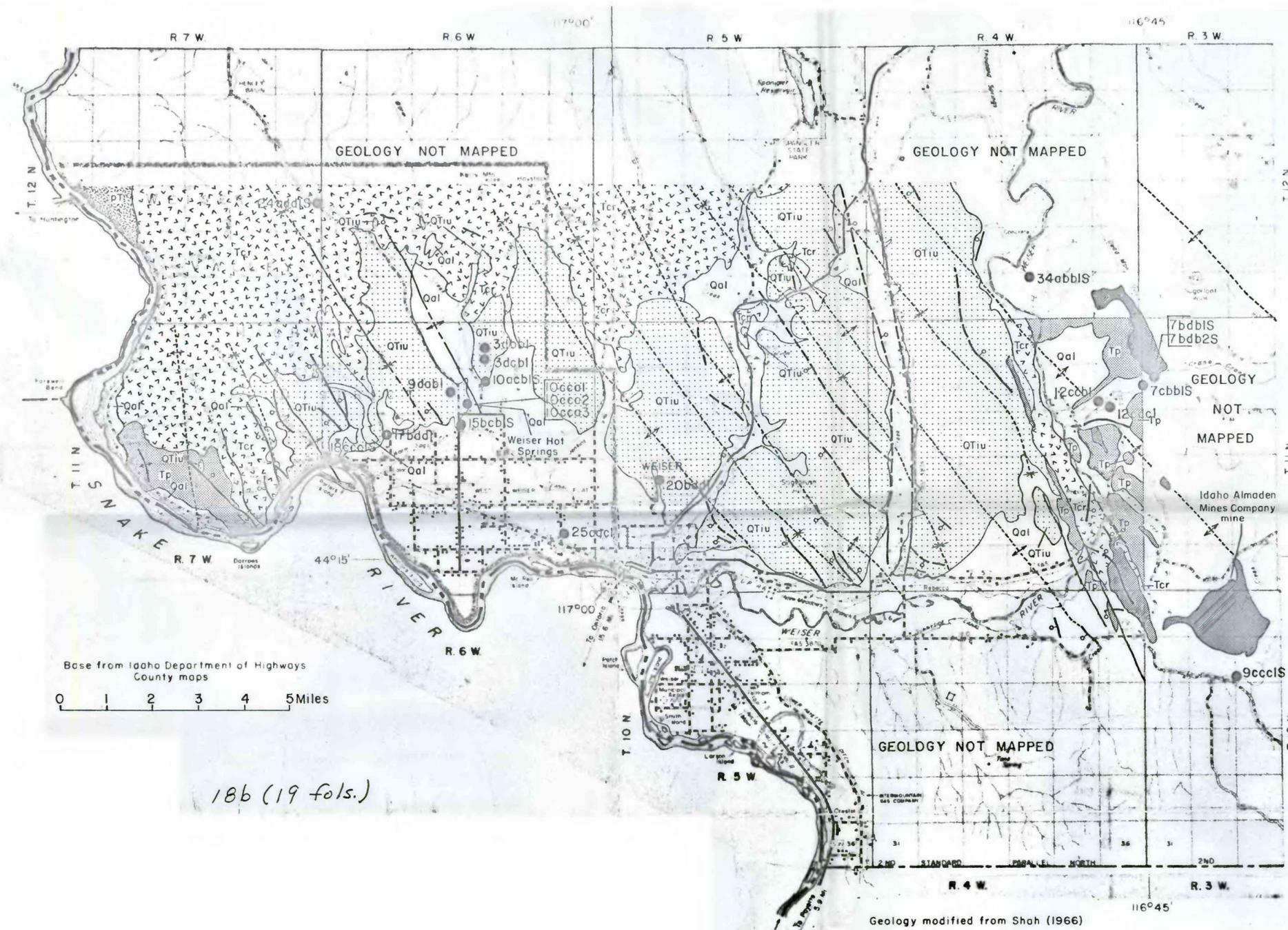


FIGURE 4

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

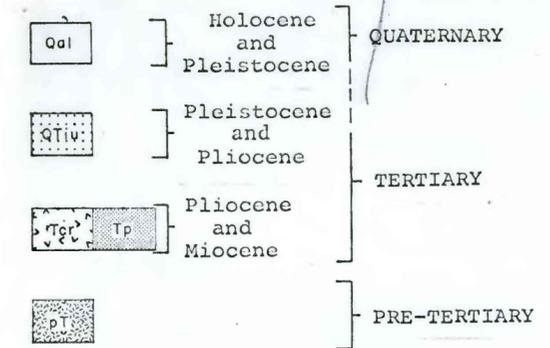
PREPARED IN COOPERATION WITH THE
IDAHO DEPARTMENT OF WATER RESOURCES



Base from Idaho Department of Highways
County maps
0 1 2 3 4 5 Miles

186 (19 fols.)

CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Qal** SURFICIAL DEPOSITS--Alluvium and colluvium, includes clay, silt, sand, gravel, and some landslide debris.
- QTiu** IDAHO GROUP, UNDIFFERENTIATED--Poorly to well sorted fluviatile and lacustrine deposits of clay, silt, sand, and gravel, compacted to poorly consolidated. Contains some beds of ash and intercalated basaltic lava flows.
- Tcr** BASALT OF THE COLUMBIA RIVER GROUP--Flood-type basalt, light to dark gray, dense, crude columnar jointing at places, folded and faulted, and may include some andesitic and rhyolitic rock types. Payette Formation is sandwiched between units of this basalt at places.
- TP** PAYETTE FORMATION--Compacted beds of clay, silt, sand, and volcanic ash intercalated in basalt of the Columbia River Group.
- PT** PRE-TERTIARY ROCKS, UNDIFFERENTIATED--Includes Seven Devils Volcanics of Permian and Triassic age and related rocks--including sedimentary rocks and some granitic rocks of the Idaho batholith of Cretaceous age.
- PT** ROCKS AFFECTED BY OPALIZATION (Ross, 1956)

SYMBOLS

- ANTICLINE, SHAH (1966)
- SYNCLINE, SHAH (1966)
- ANTICLINE, KIRKHAM (1931b)
- SYNCLINE, KIRKHAM (1931b)
- FAULT--Bar and ball on downthrown side
- INFERRED OR CONCEALED FAULT
- CONTACT
- WELL LOCATION AND NUMBER
- SPRING LOCATION AND NUMBER

FIGURE 4.--Generalized geology and location of sampled wells and springs in the Weiser area, Idaho.

74-249