



Table 1. Data chart for springs in the Kimberley, Twin Falls, and Jerome quadrangles, Idaho. Includes columns for Spring Number, Spring Name, Elevation, Discharge, and other characteristics.

Table 2. CORRELATION OF MAP UNITS. Lists geological units such as Quaternary, Pliocene, and Tertiary with their corresponding map symbols.

Table 3. DESCRIPTION OF MAP UNITS. Provides detailed descriptions for various geological units like Basalt member seven, Basalt member eight, etc.

INTRODUCTION. The Snake River Plain is a broad, arcuate region of low relief that extends more than 300 mi across southern Idaho. The Snake River enters the plain from Idaho Falls and flows westward along the southern margin of the eastern Snake River Plain (Fig. 1), a position mainly determined by the basaltic lava flows that entered from the east of the plain. The highly productive Snake River aquifer north of the Snake River underlies most of the eastern

Basalt member seven (Pliocene)—Flow of gray pahoehoe basalt from vent at Hansen Butte, located 13 mi southeast of Twin Falls. Flow texture varies from vesicular, plagioclase-olivine poor to dense, plagioclase-olivine rich. Very thick, massive flows in the Kimberley quadrangle suggest canyon-filling episode. Pillow lava facies above by pattern Basalt member eight (Pliocene)—Flow of light-gray, dense, porphyritic plagioclase-olivine basalt from unknown source vent.

Basalt member nine (Pliocene)—Flow of light-gray, olivine-rich basalt from an unknown source vent. Basalt contains sparse plagioclase phenocrysts that occur in clusters with olivine, and sparse pyroxene phenocrysts. Basalt member ten (Pliocene)—Flow of massive, light-gray, plagioclase-olivine basalt from an unknown source vent.

Basalt member eleven (Pliocene)—Flow of light-gray, olivine-rich basalt from an unknown source vent. Basalt contains sparse plagioclase phenocrysts that occur in clusters with olivine, and sparse pyroxene phenocrysts. Basalt member twelve (Pliocene)—Flow of massive, light-gray, plagioclase-olivine basalt from an unknown source vent.

Basalt member thirteen (Pliocene)—Flow of light-gray, olivine-rich basalt from an unknown source vent. Basalt contains sparse plagioclase phenocrysts that occur in clusters with olivine, and sparse pyroxene phenocrysts. Basalt member fourteen (Pliocene)—Flow of massive, light-gray, plagioclase-olivine basalt from an unknown source vent.