



## Site Description

### Truckee River Canyon

(updated 2010)

#### Geologic setting:

#### Geothermal features:

**Lockwood:** Richards and Blackwell (2002) suggest the Lockwood area is a candidate for geothermal exploration, based on the 210°C/km temperature gradient in a 32 m well (SMU; Sass and others, 1999). Location: 39.51°N, 119.65°W.

Granite Construction's gravel pit, north of Interstate 80, has two wells on the property. The eastern well is ~26°C and was sampled in April 2006. The western well is reported to have temperatures in excess of 30°C, but Granite Construction did not allow access.

**Tracy, Biddleman Spring:** Phillips Petroleum Co. drilled 13 temperature-gradient holes near Tracy, ~24 km east of Reno along Interstate Highway 80. The maximum reported temperature is 92°F in a 91 m drill hole (SMU; GeothermEx, 20004). Location: 39.57°N, 119.53°W.

Waring (1965, no. 58) reported a warm spring (22.8°C) in T19N, R23E. Topographic maps show one spring in that township, Biddleman Spring, in Section 29, T19N, R23E (Martin Canyon 7.5-minute map). The spring source is inaccessible due to storage tank piping. The site contains two >2500 gallon storage tanks and a 1500 gallon storage tank, which deliver water to horse troughs throughout the area. The water temperature at the first accessible point was less than 20°C.

#### **Wadsworth, Gilpin:**

Leasing information: N/A