

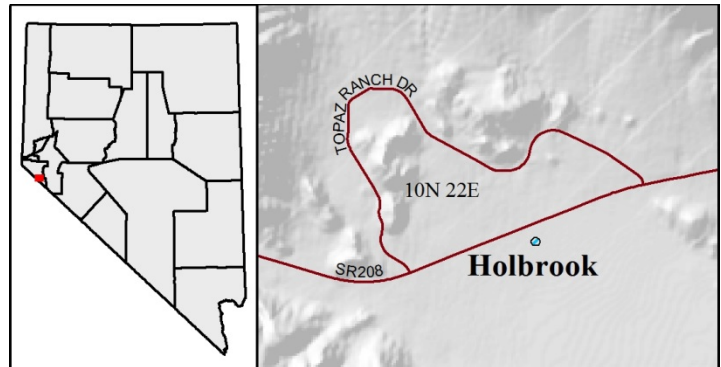
Site Description

Holbrook

(updated 2014)

Geologic setting:

Holbrook is located approximately 70 kilometers to the southeast of South Lake Tahoe and just north of Topaz Lake. Topaz Lake and Holbrook also lie within Antelope Valley and are flanked by the Wellington hills to the east and the Sierra Nevada Mountains to the west. The area lies within the borders of the Cretaceous Sierra Nevada batholith and pre-Cretaceous rocks are present only as roof pendants in the batholith. Triassic and Jurassic rocks have also been identified throughout the general area and have been determined to be metamorphosed volcanic rocks with the majority of them being andesite with some volcanogenic sedimentary rocks with limestone and gypsum interbedded with clastic and volcanic rock (Moore 1969).



Geothermal features:

A warm well in the town of Holbrook Junction (Sec. 15, T10N, R22E) was active from 1992 to 1999. The USGS tested the temperature during this time, with the highest temperature being 22°C in 1997, lowering to 19°C in 1999. Other wells in Section 15 have been reported with cold temperatures under 20°C (Great Basin Groundwater Geochemical Database).

Leasing information:

N/A

Bibliography:

Great Basin Groundwater Geochemical Database, Nevada Bureau of Mines and Geology:

<<http://www.nbmg.unr.edu/Geothermal/GeochemDatabase.html>>.

Moore, J.G., 1969, Geology and Mineral Deposits of Lyon, Douglas, and Ormsby Counties, Nevada: Nevada Bureau of Mines and Geology Bulletin 75, 45 p.