

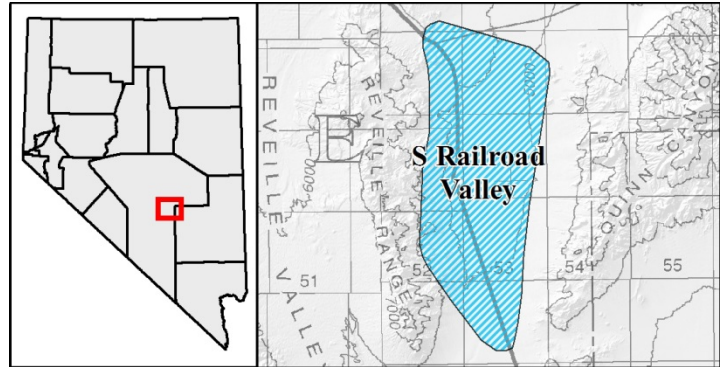
Site Description

S. Railroad Valley

(updated 2014)

Geologic setting:

South Railroad Valley is located west of Tonopah, Nevada along Nevada Highway 6. Towards the west of the valley lies the Quinn Canyon Range and towards the east lies the Reveille Range. The Reveille Range was found to be trending north-northwest as an uplifted fault block within the Basin and Range. The fault block is bounded by the Reveille Valley graben towards the west and the Railroad Valley graben towards the east. The geology of the Reveille Range has shown the presences of rhyolite, quartz latite, basalt, and volcanoclastic sedimentary rocks (Neubert, 1985). The geology of the Quinn Canyon Range is complex with relatively recent faulting and structural valleys with small erosional valleys. The faulting throughout the range has divided it into several structural blocks made up of a range of mineralogy. Paleozoic limestone is a dominant rock type throughout the area with Tertiary volcanic rocks also present.



Geothermal features:

Deep Well: (Sec. 28, T1S, R53E) According to the Great Basin Groundwater Geochemical Database the well has a temperature of 21°C.

Freds Well: (Sec. 7, T1S, R53E) According to the Great Basin Groundwater Geochemical Database the well has a temperature of 17°C.

Fangs Ridge Seep. Located just south of Fangs Ridge is a stagnant seep, presumed to be Fangs Ridge Seep. The site was visited 8/11/13 and the seep had a measured temperature of 26°C. This site is located right next to a dried up well, possibly Freds Well.

Leasing information:

N/A

Bibliography:

Great Basin Groundwater Geochemical Database, Nevada Bureau of Mines and Geology:
<<http://www.nbmg.unr.edu/Geothermal/GeochemDatabase.html>>.

[Neubert, J. T., 1985, Mineral Investigation of the South Reveille Wilderness Study Area, Nye County, Nevada, United States Department of the Interior Bureau of Mines, MLA 37-85.](#)