

from 7.5' topographic maps (http://www.nbmg.unr.edu/geothermal/geochemdata/ geotherm.htm). GEOTHERM is a U.S. Geological Survey database, active until 1983, designed to host the geology, geochemistry, and hydrology of geothermal sites. Map 161

3. National Water Information System (NWIS) / National WATer Data STOrage and REtrieval System (WATSTORE) (http://waterdata.usgs.gov/nwis)—U.S. Geological Survey chemical data for groundwater. This database incorporates recent and historical measurements of temperature, geochemistry, conductivity, etc. Thermal gradients could not be calculated for many of the well records, but they were retained in the database if the well temperature was >10°C above average annual surface temperature. Data were obtained from the USGS website in August 2005.

4. Trexler et al. (1983) map—Any sites not captured by the previous four databases were tgrad.html)—This dataset contains shallow (2 meters depth) thermal anomaly data for five digitized from this map.

5. Southern Methodist University (SMU) (David Blackwell and Maria Richards, http://www.smu.edu/geothermal)—This dataset includes geothermal temperature and gradient data from exploration drill holes and heat flow holes. These data are maintained by the Geothermal Laboratory at Southern Methodist University. Wells with a gradient of Energy made changes to locations and names in the above datasets (Garside, 1994; Trexler

comm., June 2010).

Great Basin Center for Geothermal Energy (GBCGE) Direct Use (http://www.unr.edu/geothermal/MicroDocs/ Map161_DirectUse.xls)—The Great Basin Center for Geothermal Energy has compiled all known direct use locations, year of initial operation, and usage (unpublished data, L. Garside, L. Shevenell, and R. Penfield).

11. GBCGE Shallow Temperature Surveys (http://www.unr.edu/geothermal/

study areas: Desert Queen, Desert Peak, Rhodes Marsh, Teels Marsh, and Tungsten

Mountain. Only temperatures >20° C are shown on Map 161 as anomalies.

GBCGE Great Basin Groundwater Geochemical Database (http://www.unr.edu/geothermal/GeochemDB.htm) —The Great Basin Center for Geothermal 25°-100°C/km are considered warm on Map 161, and those ≥100°C/km are hot. Drill holes et al., 1983; NWIS / WATSTORE; and GEOTHERM), based on a variety of criteria. Site

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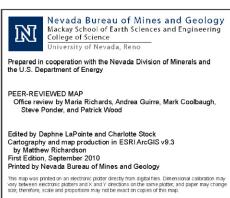
U.S. Geological Survey, 1977, WATSTORE—National WATer Data STOrage and REtrieval

System [data for Nevada]: U.S. Geological Survey database.

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Details regarding map construction, as well as additional datasets, can be found at http://www.nbmg.unr.edu/geothermal/mapfiles/readme.htm and http://www.unr.edu/



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