



## HIGHLIGHTS

- Immense heat anomaly over 10 sq miles (26 sq kilometres) defined by 20 gradient holes
- North Valley received a US\$1.6M DOE Grant for innovative exploration and drilling
- Gradients suggest commercial resource temperatures may occur within 3280 ft (1000 m) of the surface
- Blind resource with a larger heat anomaly than Blue Mountain
- Estimated to produce 126 MW (50% probability), 55 MW (90% probability); GeothermEx Inc., California Energy Commission 2005\*

# NORTH VALLEY

## Washoe & Churchill Counties, Nevada

**Nevada Geothermal Power Inc. (NGP)** has leasehold for surface and water rights in the North Valley project (formerly Black Warrior) located south and east of Black Warrior peak, in Washoe and Churchill Counties, Nevada. The property covers 10 square miles (26 square km) of land and interconnects with four separate power transmission lines across the region.

The leases are on private land and are subject to a 3.5% royalty on gross revenue from electricity sales; however, NGP can purchase the royalty for US\$1 million.

At the North Valley Project, potential for the discovery of a geothermal reservoir suitable for electric power generation is indicated and the geology and regional fault structures appear to permit deep circulating ground water to be heated by anomalously high rock formation temperatures.

The next steps at North Valley are to proceed with delineation drilling and to drill a confirmation/discovery well to define a large resource.

\* Last updated July 2011

\* Ranges shown are based on 90% probability and 50% probability and have been adjusted to reflect a 20-year output