



HIGHLIGHTS

- Edna Mountain is located within a favorable geological setting with significant evidence of past and present hydrothermal activity
- Geochemistry analysis of geothermal brine collected from an undocumented hot well located within the lease area suggests parent geothermal reservoir temperatures of 385°F - 397°F (196°C - 203°C)
- Temperature measurements within the same well to a depth of 1130 feet (345 meters) indicate that commercial reservoir temperatures may occur within 5000 feet (1500 meters) of surface
- Blind resource with a thermal anomaly significantly larger than previously recognized

EDNA MOUNTAIN

Pumpnickel Valley, Nevada

Nevada Geothermal Power Inc. (NGP) has leases on Edna Mountain. The property covers a 11.05 square mile (7,072 acre) parcel of land and is a few miles northeast of NGP's Pumpnickel Valley project, two miles south of Interstate Highway 80, and nine miles west of the Valmy coal-fired power plant owned by NV Energy and Idaho Power.

Field exploration and other research indicated a favorable geological and structural setting, significant evidence of past and present hydrothermal activity associated with extensional faulting, and a thermal anomaly significantly larger than previously recognized.

The next step at Edna Mountain is to continue an exploration program that should include detailed geological mapping, extended 2-m probe survey, geophysical surveying and thermal gradient drilling. Additionally, a series of slim holes should be drilled to a nominal depth in order to intercept the range front fault and any permeable production zones.

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

* Last updated July 2011