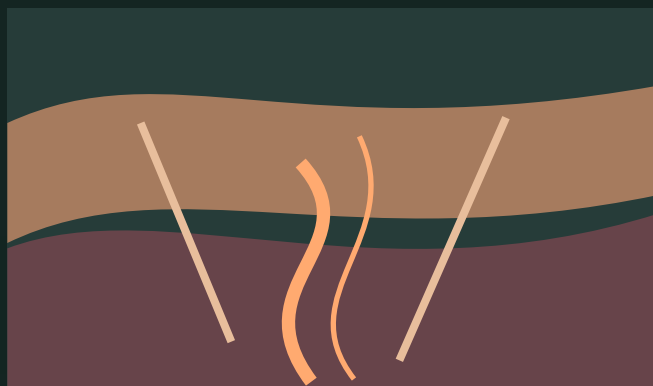




NEW MEXICO STATE UNIVERSITY / GEOLOGICAL SCIENCES

GeoCaliente 2029

Discovering geothermal energy
beneath southern New Mexico



HEAT / FAULTS / FLUIDS

280 SEISMIC NODES

~50 × 74 KM STUDY AREA

2026-27 FIELDWORK

A NEW FRONTIER FOR GEOTHERMAL EXPLORATION

The southern Rio Grande Rift combines elevated heat flow, young volcanism, deep sedimentary basins and major faults. GeoCaliente brings together geology and geophysics to identify promising resources while reducing exploration risk.

01 FIND THE HEAT

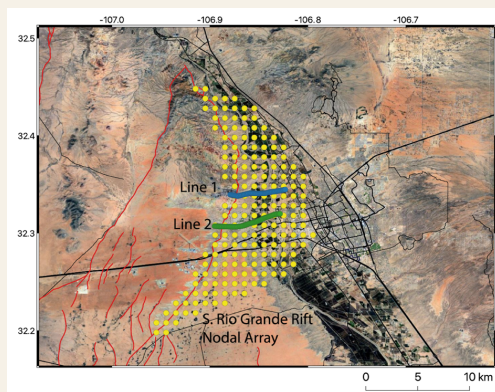
Curie-depth, heat-flow and volcanic-rock analyses

02 TRACE THE PATHWAYS

Ambient-noise tomography and fault mapping

03 MAP THE RESERVOIRS

Aquifers, fractured rocks and 3D geologic models



Provisional passive seismic array

THE PATH TO 2029

2026-27 Investigate & characterize
Seismic survey, field geology, thermal models

NEXT Integrate & prioritize
3D models and ranked exploration targets

BY 2029 Long-term vision
Evaluate future drilling and energy development

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