



Aetna Geothermal provides a range of geological services to the geothermal industry, with a particular focus on green field exploration, resource assessment, and wellsite geology. Our team can support your project throughout its entire lifecycle.

At Aetna Geothermal, we have a team of highly skilled geothermal experts and trusted partners who bring a wealth of experience to every project we undertake. We are dedicated to delivering the best possible results for our clients by leveraging our extensive knowledge and international experience in the field of geothermal energy.

Services

Our services cater to projects of all sizes, for direct-use or power-generation applications. Our suite of services includes the following:



Exploration

- Review and evaluation of pre-existing geoscientific data,
- Analyses of satellite and aerial surveys,
- Field geological and structural mapping
- Surface geothermal features identification,
- Development of a resource conceptual model and pre-feasibility studies,
- Recommendations for additional surveys and exploration programs,
- Drilling target selection



Wellsite Geology

- Mudlogging and wellsite geology supervision,
- Reporting on daily operations
- Cuttings/core description and analysis
- Clay content test (Methylene Blue)
- Monitoring and reporting on drilling parameters
- Production of digital logs and well diagram,
- Temperature survey preparation and supervision
- Preparation of End of Well drilling reports



Resource Assessment

The aim of resource assessment is to determine the potential energy output of a geothermal resource, providing project developers with essential information for assessing project feasibility and viability. At Aetna Geothermal, our team and partners have extensive experience in estimating geothermal resource production capacity by analyzing exploration surveys and exploratory well drilling results.



3D Modelling

We are experts at creating high-quality graphics and building complex 3D subsurface models that accurately represent your geoscientific data using the industry-leading 3D modeling software Leapfrog Geothermal.

3D modelling permits to gain a better understanding of your resource and make informed decisions about your project.

We can also audit existing models and support your team with training.

Projects



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