From Prospect to Power

An introduction to developing a geothermal resource

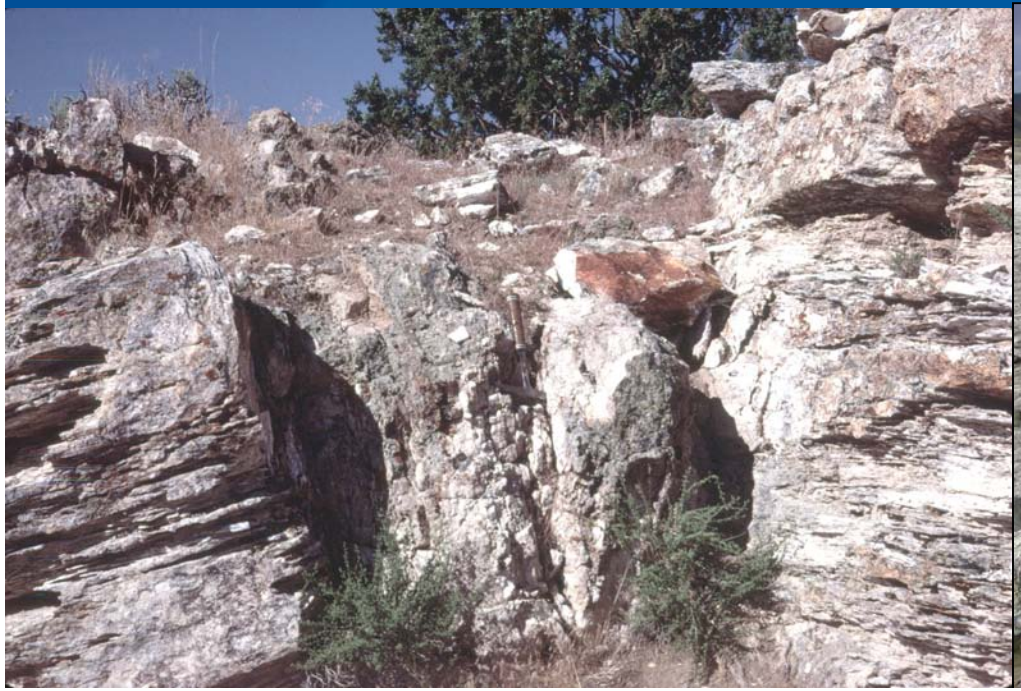
Renewable for Life

Overview

- Target + Land Agreement + Permit
- Finance: Risk Equity & Exploration to Feasibility
- Feasibility: Resource / Permits / EPC / PPA / TS
- Finance: Project Equity, Tax Partner, Debt
- Development / Construction / Transmission
- Gen-Tie & Power Generation

Target

- Market Assessment: Supply-Demand + Access to Grid
- Research Existing Database for Geological / Drilling information
- Location: Resource to Transmission is Key, 55kv - 500kv
- Need to Narrow Target, Regional to Local property scale 2k-10k acres
- Surface Expressions: hotsprings, geyser, seeps, silica sinter / travertine



Lands & Permits

- Private Land Owners Agreement
  - –Title Search
  - –State permit notice 2-3 weeks
- BLM, Open Public Lease Auction
  - –EA required 6-18 months
  - –Environmental, Cultural, Water,
  - –Public Comment, Detailed plan
  - •Forestry / State / Military

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