

Department of Energy Empowering the Filipino



Puting Lupa Geothermal Field

Exploration History

- In 1970s, Commission on Volcanology (Comvol) conducted the earliest study in Putting Lupa as part of the exploration works of the Makiling-Banahaw (Mak-Ban) geothermal area.
- Studies included geologic mapping, geochemical sampling and various geophysical surveys particularly electrical, gravity, and MT surveys.
- In 1972, two deep wells are known to have been drilled by Philippine Geothermal Inc namely PL-1 and MB-1.
- FEDCO conducted geological, geochemical and geophysical survey (CSMT) in 2014

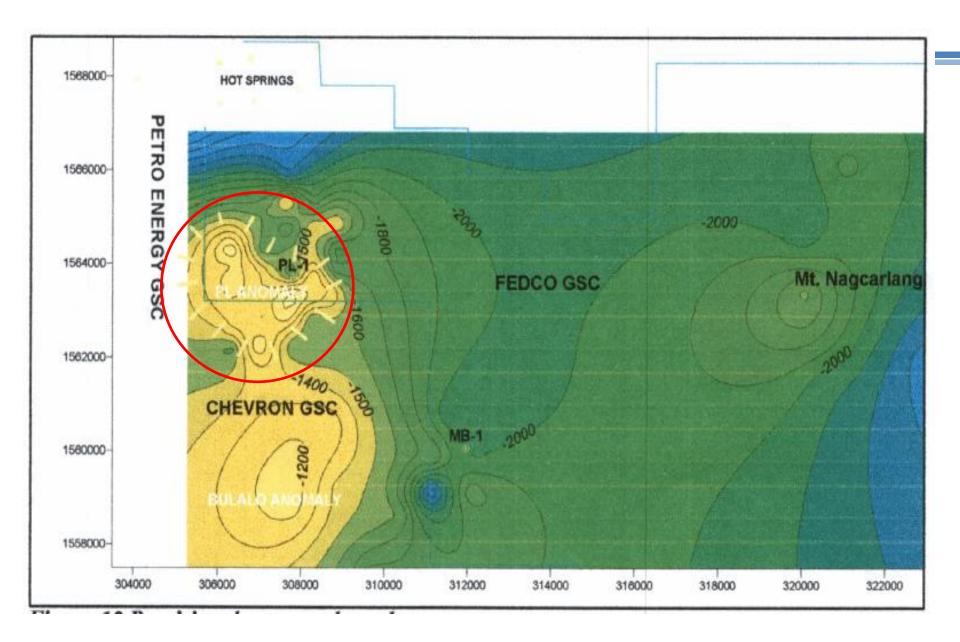


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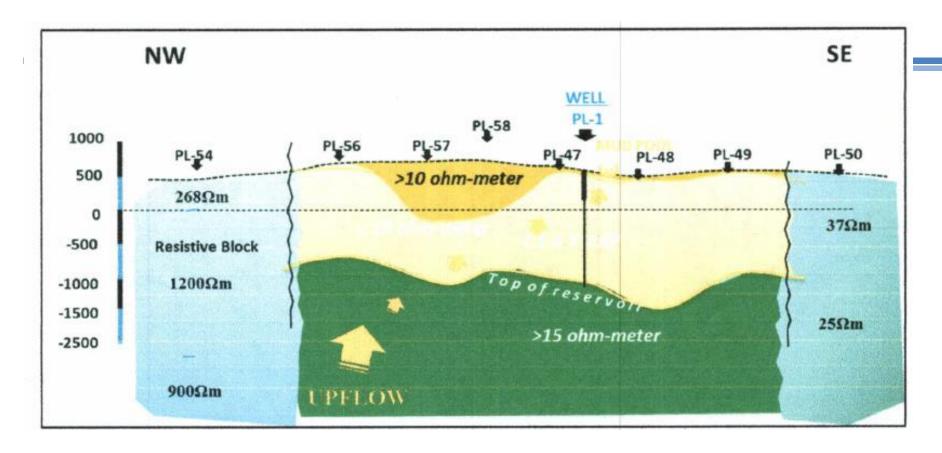
Summary of Resource Assessment

- Thermal manifestations mud pool, hot springs, and warm springs.
- Intermediate temperature system, based on the spring geochemistry and deep exploratory wells.
- Well-bottom temperature of 230°C (@3049mMD) for MB-1 and 172°C (@1465mMD) for PL-01
- The minimum inferred resources is about 3.6sqkm (inner boundary) and the maximum inferred geothermal resources is about 8sqkm (outer boundary).









• Estimated with 17MW geothermal resource potential capacity.



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Considerations on Development:

Overlap with Makiling Forest Reserve

