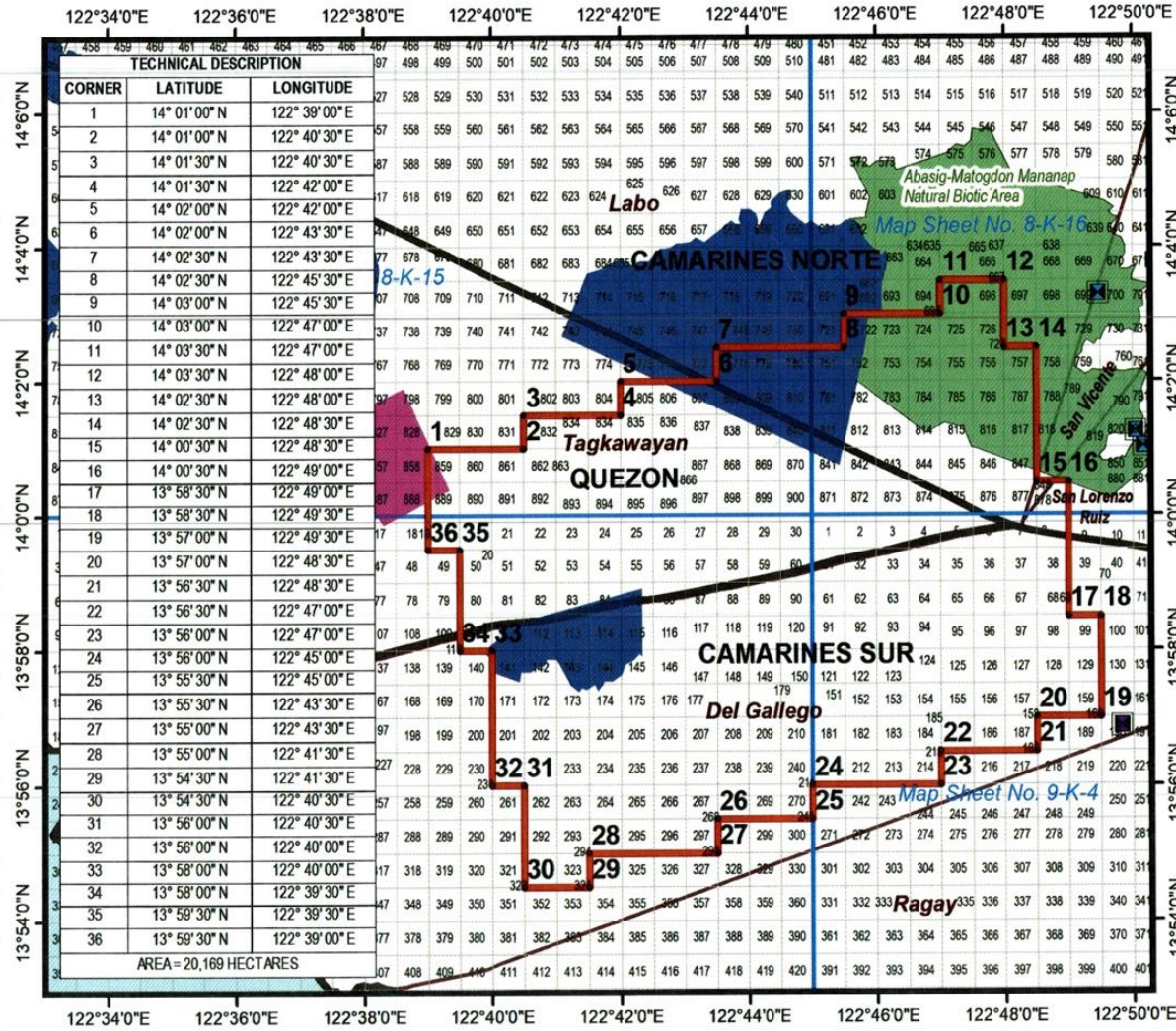
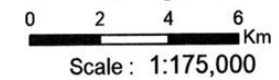


# 3<sup>RD</sup> OPEN AND COMPETITIVE SELECTION PROCESS

## Area 5 - Mt. Labo Geothermal Prospect

Quezon, Camarines Norte, and Camarines Sur



- Legend :**
- HSC
  - HSC Application
  - RE Block
  - RE Map Sheet
  - Municipal Boundary
  - Provincial Boundary
  - FMB's Tenured Area (CBFMA/IFMA)
  - Protected Area/NIPAS
  - Pre-Determined Area

DATUM: PRS '92

- Note:**
1. Political boundaries are approximate, not authoritative, and subject to further research/validation.
  2. Protected Areas and Forestry Tenement Instruments must be validated with DENR-PAWB and DENR-FMB, respectively.
  3. Ancestral Domain claims must be validated with NCIP.



**DEPARTMENT OF ENERGY**  
Information Technology and Management Services  
Information Services Division

PREPARED BY: ARME N. RIVERA      APPROVED BY: RSA  
 VERIFIED BY: AAP/RCD                  DATE PREPARED: 5-10 MAR 2020

POLYGON ID:      DBASE FILENAME:      MAP NO.: BM-GML-2020-03-005

# Mt. Labo Geothermal Field

---

## *Exploration History*

- PNOC-EDC started its exploration in the area in 1987. Eight (8) wells have already been drilled in the area.
- EDC conducted further 3G study from 2012-2013



# Mt. Labo Geothermal Field

## Summary of Resource Assessment

- **Thermal manifestations** – hot springs, warm springs, and gas vents.
- **High temperature system**, based on the silica geochemistry and deep exploratory wells of 260 °C to 296 °C.

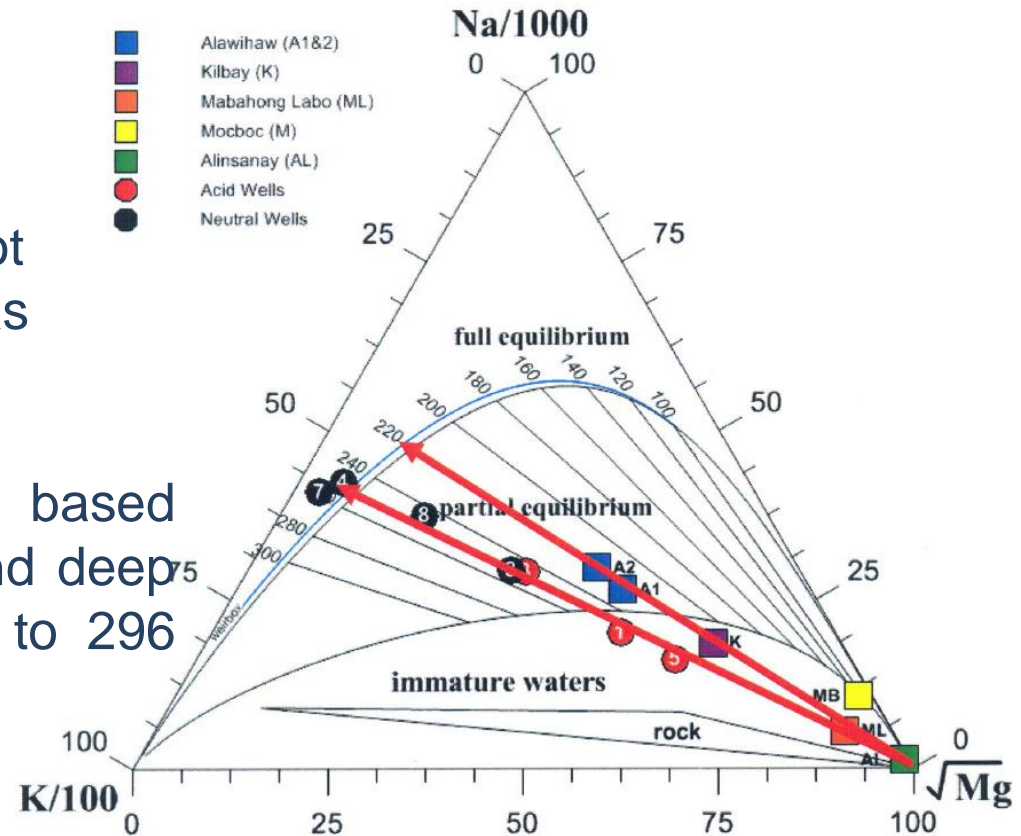


Figure 12 Na-K-Mg ternary diagram of spring fluids and well fluids in MLGP



# Mt. Labo Geothermal Field

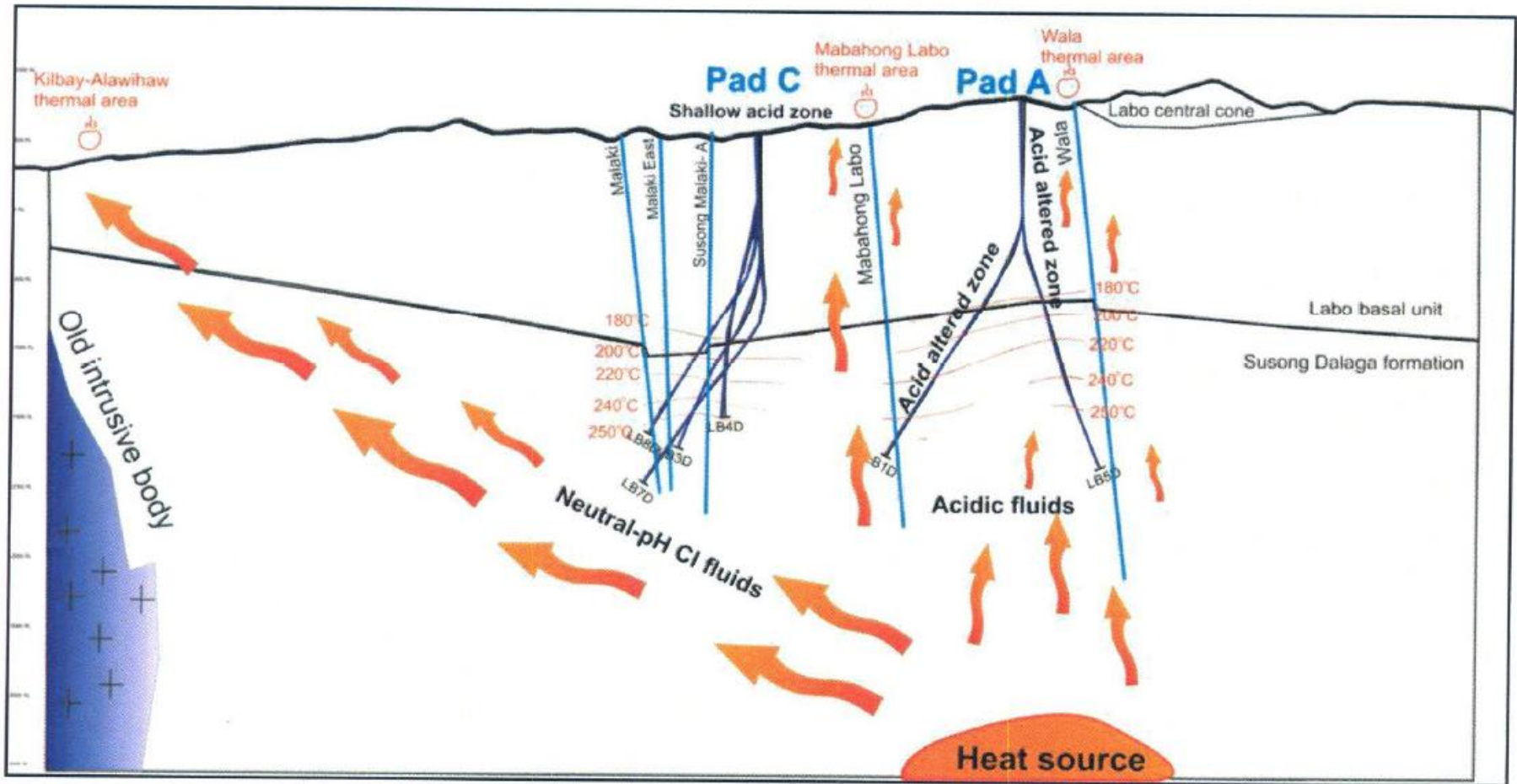


Figure 19 Integrated model of the Mt. Labo Geothermal Project (2013)



# Mt. Labo Geothermal Field

---

## *Considerations on Development:*

- Acid zone / fluids encountered by several wells
- Occasional peace and order disruption

