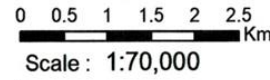


# 3<sup>RD</sup> OPEN AND COMPETITIVE SELECTION PROCESS

## Area 4 - Maricaban Island Geothermal Prospect

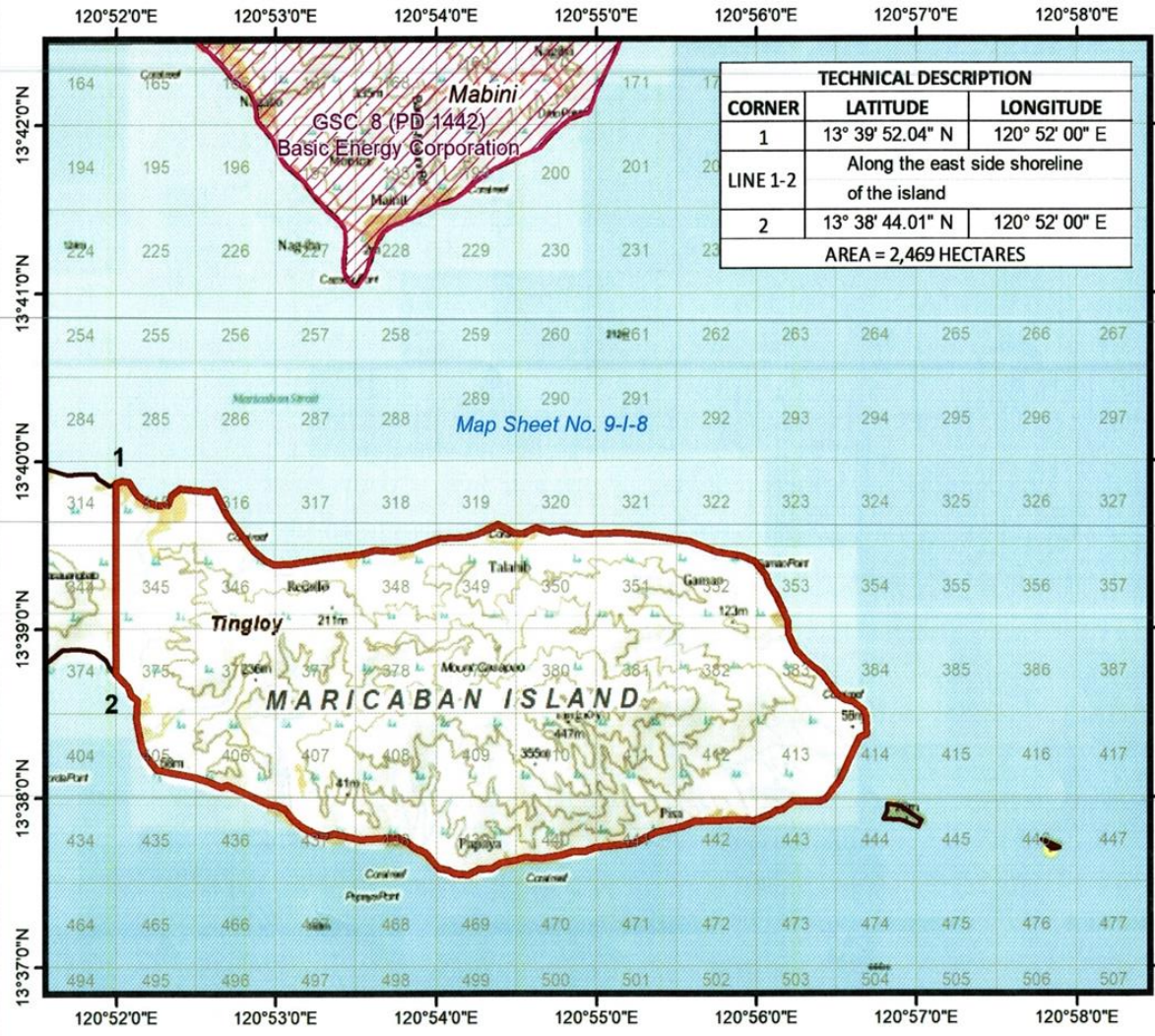
*Tingloy*, Maricaban Island, Batangas



Legend :

- RE Block
- RE Map Sheet
- Municipal Boundary
- GSC
- Pre-Determined Area

TECHNICAL DESCRIPTION		
CORNER	LATITUDE	LONGITUDE
1	13° 39' 52.04" N	120° 52' 00" E
LINE 1-2 Along the east side shoreline of the island		
2	13° 38' 44.01" N	120° 52' 00" E
AREA = 2,469 HECTARES		



GCS: PRS '92

- Note:
- Political boundaries are approximate, not authoritative, and subject to further research/validation.
  - Protected Areas and Forestry Tenurial Instruments must be validated with DENR-PAWB and DENR-FMB, respectively.
  - Ancestral Domain claims must be validated with NCIP.
  - Basemap is from Philippine Geoportal Project. However, shoreline boundaries are taken from 1:50,000 topographic map of NAMRIA.



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

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

POLYGON ID: \_\_\_\_\_  
DBASE FILENAME: \_\_\_\_\_  
MAP NO.: **BM-GML-2020-03-004**

# Maricaban Island Geothermal Field

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## *Exploration History*

- Geothermal assessment dates back in early 80's by teams from DOE (Office of Energy Affairs then) and PNOC.
- From 2013-2015, DOE thru a locally-funded project conducted detailed 3G survey and slim hole drilling



# Maricaban Island Geothermal Field

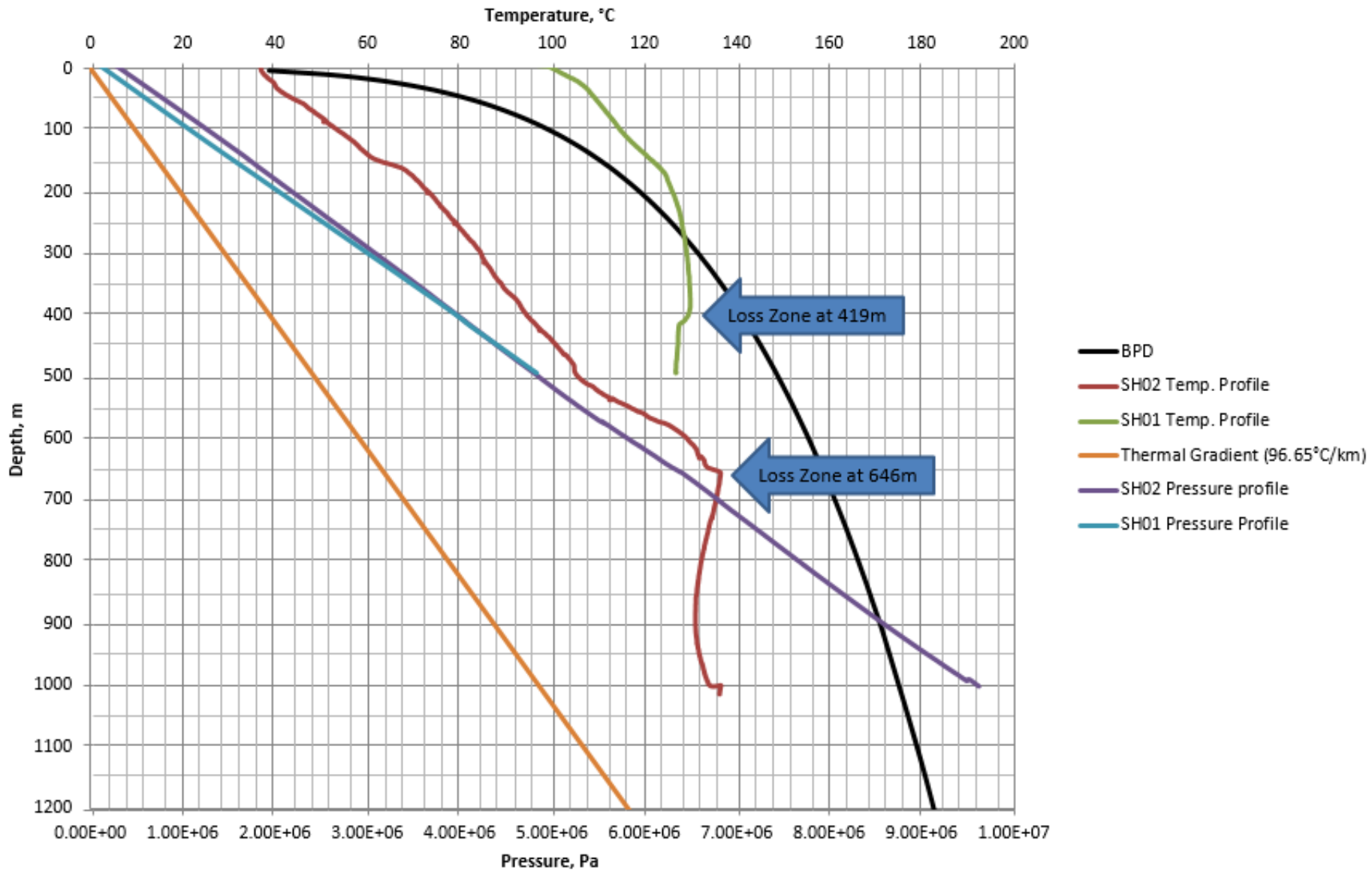
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## *Summary of Resource Assessment*

- **Thermal manifestations** – hot springs, warm springs and submarine thermal springs
- **Intermediate temperature system**, based on the recorded well (slim hole) temperature of 130 °C.
- **Two slimhole** wells namely **MARSH01** with **maximum recorded temp of 130°C** (@394m deep) and **MARSH02** with **maximum recorded temp of 136°C** (@650m and 990m)
- Estimated with **4MW geothermal resource potential** capacity.



# Maricaban Island Geothermal Field



# Maricaban Island Geothermal Field

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## *Considerations on Development:*

- Island location
- Needs further geophysical survey (MT and Gravity)

