

PAHOA

9-5

9-11

THIN MAGNETIC SOURCE - BASALT FLOWS ?
PAHOA NORTH 75 QUAD

9-6

LOW P UPPER LAYER: THERMAL WATER LEAKAGE ?

THIN SOURCE

Kapoho Crater

K-1

Puu Honuaula

KS-2

KS-1

HGP-A

deeper

ALLISON

L-1

Puulena Crater

9-9

Puu Kalii

deeper

A-1

Lilewa Crater

I

II

POSSIBLE EXPLORATION TARGET

TARGET

LOW P AREA ACTIVE SEISMICITY

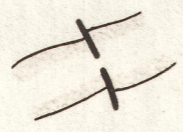
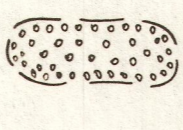

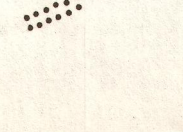
KALEPA POINT

9-7

KEHENA

WAIPIKU POINT

EXPLANATION

-  Dike complex and transverse structures - from magnetic interpretation
Note: Magnetic sources in Puu Honuaula - Puulena Crater area lie above high temperature reservoir.
-  Very low magnetization zone - indicating alteration or possible heat source
-  Optimistic (probable maximum) reservoir outline, and exploration target area - favorable low resistivity structure
-  Conservative (likely minimum) reservoir outline - low resistivity; probable local permeability barriers

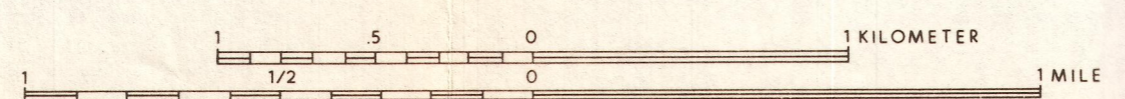


PLATE VII
INTERPRETED GEOLOGIC STRUCTURE
and
POSSIBLE RESERVOIR GEOMETRY
PUNA GEOTHERMAL AREA, HAWAII

compiled for
THERMAL POWER COMPANY
August 1983

HOWARD P. ROSS, PH. D.
Consulting Geophysicist

GL03207 3099

PAHOA SOUTH 75 QUAD.

KAPOHO 75 QUAD.