

# EXPLORATION PROGRAM

**ESL AND UUGG INVOLVEMENT**

**PHASED PROGRAM**

- I PRELIMINARY INVESTIGATIONS**
- II REFINE TARGET MODELS**
- III DEEP GRADIENT DRILLING  
(2000-3000 feet)**
- IV PRODUCTION DRILLING**



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HAFB-003

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# EXPLORATION METHODS

**GEOLOGY - AIR PHOTO AND IR IMAGERY  
INTERPRETATION**

**FIELD MAPPING**

**GEOCHEMISTRY - Hg**

**TRACE ELEMENTS - WATER**

**- DRILLING**

**GEOPHYSICS - GRAVITY (PHASE I)**

**VIBROSEIS (PHASE II)**

**GRADIENT MEASUREMENTS (PHASE III)**



# UURI

EARTH SCIENCE LABORATORY  
420 CHIPETA WAY, SUITE 120  
SALT LAKE CITY, UTAH 84108  
TELEPHONE 801-581-5283

## MEMORANDUM

August 17, 1981

TO: Ben Lunis  
FROM: Carl A. Ruscetta  
SUBJECT: Market Shares Project Information and Data on  
Geothermal Resource Exploration and Assessment

Dear Ben:

Confirming our phone conversation, enclosed please find copies of Deliverables No. 13a, "Estimated Discovery Rate for Hydrothermal Electric Resources" and 13b, "Impact of Federal Geothermal Programs on Discovery Rate for Electric-Quality Hydrothermal Resources" as prepared for Technecon as part of the HUD Market Shares Program.

Also, 3 exhibits from various publications concerning approximate costs for hydrothermal resource exploration and assessment strategies, are enclosed for your information.

With regard to the use of the State Hydrothermal Commercialization Baseline Maps for the Federal Buildings Program, this would be possible but all of the data would need to be up-dated considerably due to the significant work accomplished by the State Coupled RA Program since the publication of the Baseline Map Series.

I hope this information will be of use to you. If we can be of further assistance, please do not hesitate to call.

Very truly yours,



Carl A. Ruscetta

CAR:jp

enclosure

cc D. Foley