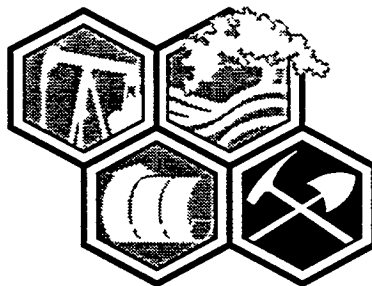


# CALIFORNIA LOW-TEMPERATURE GEOTHERMAL RESOURCES UPDATE – 1993

1994

DEPARTMENT OF  
CONSERVATION



DIVISION OF  
MINES AND GEOLOGY

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1994

By Leslie G. Youngs

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF MINES AND GEOLOGY

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## CALIFORNIA LOW-TEMPERATURE GEOTHERMAL RESOURCES UPDATE - 1993

### INTRODUCTION

#### Current Program

The U.S. Department of Energy - Geothermal Division (DOE/GD) recently sponsored the Low-Temperature Geothermal Resources and Technology Transfer Program to bring the inventory of the nation's low- and moderate-temperature geothermal resources up to date and to encourage development of the resources. The Oregon Institute of Technology, Geo-Heat Center (OIT/GHC) and the University of Utah Research Institute (UURI) established subcontracts and coordinated the project with the state resource teams from the western states that participated in the program. The California Department of Conservation, Division of Mines and Geology (DMG) entered into contract numbered 1092-023(R) with the OIT/GHC to provide the California data for the program. This report is submitted in fulfillment of that contract.

A major goal of the Low-Temperature Geothermal Resources and Technology Transfer Program was to update and compile a database of thermal springs and wells that are in the temperature range of 20°C to 150°C for each state. The databases were to be designed for use on personal computers and have the capability of being accessed and managed using readily available commercial spreadsheet or data management software. A statewide map showing the geothermal resources was to be computer generated utilizing the new databases. A second important goal of the contract was to complete a statewide collocation study of these geothermal resources with communities and other potential users. Demographic and geothermal data were to be provided for communities located within 8 kilometers of known resources having a temperature of at least 50°C.

#### Background

The statewide database of low-temperature geothermal resources in California has not been updated for over a decade. In 1980, DMG produced the "Geothermal Resources Map of California" (Higgins and Martin, 1980). The map depicted low-temperature resource locations including wells and springs. Subsequently, DMG published the "Technical Map of the Geothermal Resources of California" (Majmundar, 1983) that presented water chemistry data coded on the map as well as water chemistry tables presented in an accompanying text (Majmundar, 1984). The data developed at that time was readily shared between the U.S. Geological Survey (USGS) and DMG. The USGS incorporated or updated the data into their GEOTHERM (Bliss, 1983) main-frame computer database of geothermal information for their Geothermal Research Program. The GEOTHERM file was abandoned in 1983.

DMG's "Technical Map of the Geothermal Resources of California" and the accompanying text containing the water chemistry data, are out-of-print. There is a small reserve of the "Geothermal Resources Map of California" (Higgins and Martin, 1980) available from DMG only as a flat rolled map.

Access to that original compiled geothermal water chemistry data became difficult. The new Low-Temperature Geothermal Resources and Technology Transfer Program has provided a new update and convenient access to the low-temperature geothermal data of California.

#### DATA SOURCES

The USGS GEOTHERM file and DMG data compiled for the California statewide geothermal resource maps were used as the base for the new compilation. DMG has published many detailed resource assessment reports on the low-temperature geothermal systems in California (see Bibliography). These reports were primarily funded by the DOE's State-Coupled Resource Assessment Program of the late 1970's - early 1980's. These reports provided much new data that have been incorporated into the newly compiled database. Files of The Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) and files at the California Energy Commission contain valuable data on low-temperature geothermal wells drilled in California over the past 10 years. These files provided additional data for the new database. Some new information on geothermal resources in California was found in mineral and water resource investigations, technical reports, and other publications of the USGS as well as journal articles. A notable source of geothermal data is the transactions of the Geothermal Resources Council. As a result of reviewing the literature and searching older geothermal databases, we were able to compile a 200-entry bibliography of low-temperature geothermal data sources of California. The bibliography is at the end of this report. The bibliography should be of aid to those geothermal researchers requiring more detailed information about the geothermal systems of California than can be interpreted from the newly compiled computer database. The bibliography includes all of the source references for the data listed in the new database.

In addition to the above data sources, we accessed and searched two nationally maintained water quality databases for pertinent data relating to geothermal resources in California. The databases are the U.S. Environmental Protection Agency (EPA) STORET water quality information system and the USGS Water Resources Division WATSTORE (National Water Data Storage and Retrieval System) water information system. We determined that the two databases contain a large amount of duplicate data. We applied tests to selected STORET and WATSTORE files for completeness of data, consistency of repeated data measurements,

whether or not the data indicated a geothermal origin, plausibility of data, and for duplicate records that may have previously been entered into our newly compiled database. As a result of these tests we selected only a few new records from these files that could be reliably incorporated into the new DMG database without carrying out major field checking. The selected data on geothermal springs and wells in California from all data sources were entered manually from a keyboard into a LOTUS 123 spreadsheet on a personal computer. All of the computer records were visually checked with the original sources for accuracy and completeness. A variety of computer sorting, selection, and comparison routines were employed to arrange and edit the new database.

Because the emphasis of this new database is to show the statewide distribution of low- to moderate-temperature geothermal resources and because of proprietary restrictions, many commercial high-temperature well data were generally not entered into the database. However, a few representative wells especially in the designated California Known Geothermal Resource Areas (K.G.R.A.) were entered into the database. The new DMG California low-temperature database contains 989 entries of thermal springs and wells. That is 354 locations more than the early 1980's DMG inventory of California's low-temperature geothermal resources.

#### **DATA FORMAT**

##### **State Database**

The new California low-temperature geothermal resources database was designed to be readily accessible and maintained on personal computers. The general format of the database was devised at a meeting of the State Team Principal Investigators in Salt Lake City, July 8, 1993.

The source data were entered into a LOTUS 123 spreadsheet containing 35 data fields. The field names; general description of their contents; and explanation of codes used to represent type, status, and use of the thermal springs and wells are listed below:

##### **Field Name**

##### **Description**

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| ID#         | - Identification number assigned to each well or spring for this report. |
| SOURCE NAME | - Name of spring, well owner, or other identification.                   |

|              |                                                                                                                                   |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------|
| TYPE         | - Springs: SP                                                                                                                     |
|              | Wells: SW - well drilled to control spring flow.                                                                                  |
|              | WW - water well.                                                                                                                  |
|              | NLT - noncommercial low-temperature.                                                                                              |
|              | TG - temperature gradient.                                                                                                        |
|              | INJ - injection well.                                                                                                             |
|              | OIL - petroleum well.                                                                                                             |
|              | X - type not confirmed, but most appear to be high-temperature exploration wells.                                                 |
| PLOT         | - Location is plotted on the statewide map:<br>Y = yes.<br>N = no.                                                                |
| LAT          | - Latitude in decimal degrees.                                                                                                    |
| LONG         | - Longitude in decimal degrees.                                                                                                   |
| CO.          | - California county three letter code. County codes are shown in Appendix A at the end of this report.                            |
| AREA         | - Community or local region where spring or well is located.                                                                      |
| HTEMP (°C)   | - Highest recorded temperature found in data sources in degrees Celsius. This field does not appear in the Tables in the text.    |
| TEMP (°C)    | - Temperature in degrees Celsius. W-warm, H-hot.                                                                                  |
| DEPTH (m)    | - Well depth in meters.                                                                                                           |
| DRILL DATE   | - Year well was drilled. This field does not appear in the Tables in the text.                                                    |
| FLOW (L/min) | - Flow rate in liters per minute.                                                                                                 |
| STATUS       | - Operating status:<br>F - flowing.<br>P - pumped.<br>I - idle.<br>A - abandoned.<br>D - dried up.<br>H - heat exchanger in well. |

|           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| USE       | - Use of the resource:                                                           |
|           | A - augmenting water supply.                                                     |
|           | B - direct use in baths/pools.                                                   |
|           | C - space heating.                                                               |
|           | D - district heating.                                                            |
|           | E - irrigation.                                                                  |
|           | F - fish farming (aquaculture).                                                  |
|           | G - greenhouse applications.                                                     |
|           | H - heat exchanger in use.                                                       |
|           | I - idle, abandoned, or undeveloped.                                             |
|           | J - bottled water.                                                               |
| DATE      | - Date of data.                                                                  |
| pH        | - The pH of fluid in pH units.                                                   |
| CONDUCT   | - Conductance as micromhos per centimeter.                                       |
| Na - As   | - Concentrations of the major cations and anions as milligrams per liter (Mg/L). |
| TDSm      | - Total dissolved solids measured (Mg/L).                                        |
| TDSc      | - Total dissolved solids calculated (Mg/L).                                      |
| REFERENCE | - Source of data.                                                                |
| PAGE(s)   | - Page reference in source of data.                                              |

The database entries were organized alphabetically by county (the CO. field). The county name is represented in the database with a standard three letter code that is defined in Appendix A. A secondary grouping of the database organizes the spring and well locations in each county by the AREA field. The AREA field contains the name of a California community or local region where each spring or well is located. After the database organization was completed a sequentially increasing identification number (ID# field) was assigned from top to bottom of the list of entries. The identification numbers are used to identify the locations plotted on Plate 1. The identification number is unique to this database and may be changed in subsequent updates to the database.

Users of the database can select a great variety of search and sort parameters using standard personal computer database management software to choose those records of interest from the

database. Plot files to produce computer generated maps of selected data can be made utilizing the latitude and longitude coordinates in the database.

The complete database computer file is on the enclosed 3 1/2 inch diskette. The LOTUS 123 spreadsheet file and extension name is CALHOT.WK1. Also on the diskette is a file of the database in ASCII format labeled CALHOT.PRN. The database as hard copy is organized in Tables 1, 2, and 3 at the end of the text. Table 1 contains location data, descriptive data, and physical parameters of the thermal springs and wells. Table 2 contains the data that relate to water chemistry. Table 3 repeats some data that are in Table 1, but it primarily lists the source reference from which the data were obtained. The references are listed in the abbreviated form (author(s), date) and can be related to the complete reference in the bibliography at the end of this report.

### State Map

A computer plot showing the locations of California's low-temperature geothermal springs and wells was generated utilizing the data organized in the database (Plate 1). The map is at the scale 1:1,000,000. An explanation of the plot symbols is included on the map. A reduced version of the map is shown in Figure 1. The new database contains more entries of known geothermal wells than are plotted on the map. Because the emphasis of the map is to show low-temperature resources, in areas where there are many known high-temperature (greater than 150° C) geothermal wells, especially within the K.G.R.A.'s, only a representative few have been plotted. Similarly, in areas where there are many known low- to moderate-temperature thermal wells only a few have been plotted for map clarity. Therefore, since some of the geothermal well locations in the database have not been plotted on the map, not all of the identification numbers in the database appear on the map.

The spring and well locations are given in coordinates of latitude and longitude. The location coordinates have been transcribed from a variety of published and unpublished sources. Some have been digitized from USGS topographic maps during the new database compilation. And some are derived by converting from the California well locating system of Township, Range, Section, and Subsection. The location information has been edited, but not all locations have been verified in the field. Therefore, the accuracy of some of the location coordinates may not meet some database user's requirements.

### Known Geothermal Resource Areas (K.G.R.A.)

The previous DMG geothermal resources of California maps (Higgins and Martin, 1980; Majmundar, 1983) show the locations of California's K.G.R.A.'s that were designated by the U.S. Bureau

# Geothermal Wells and Springs in California

1994

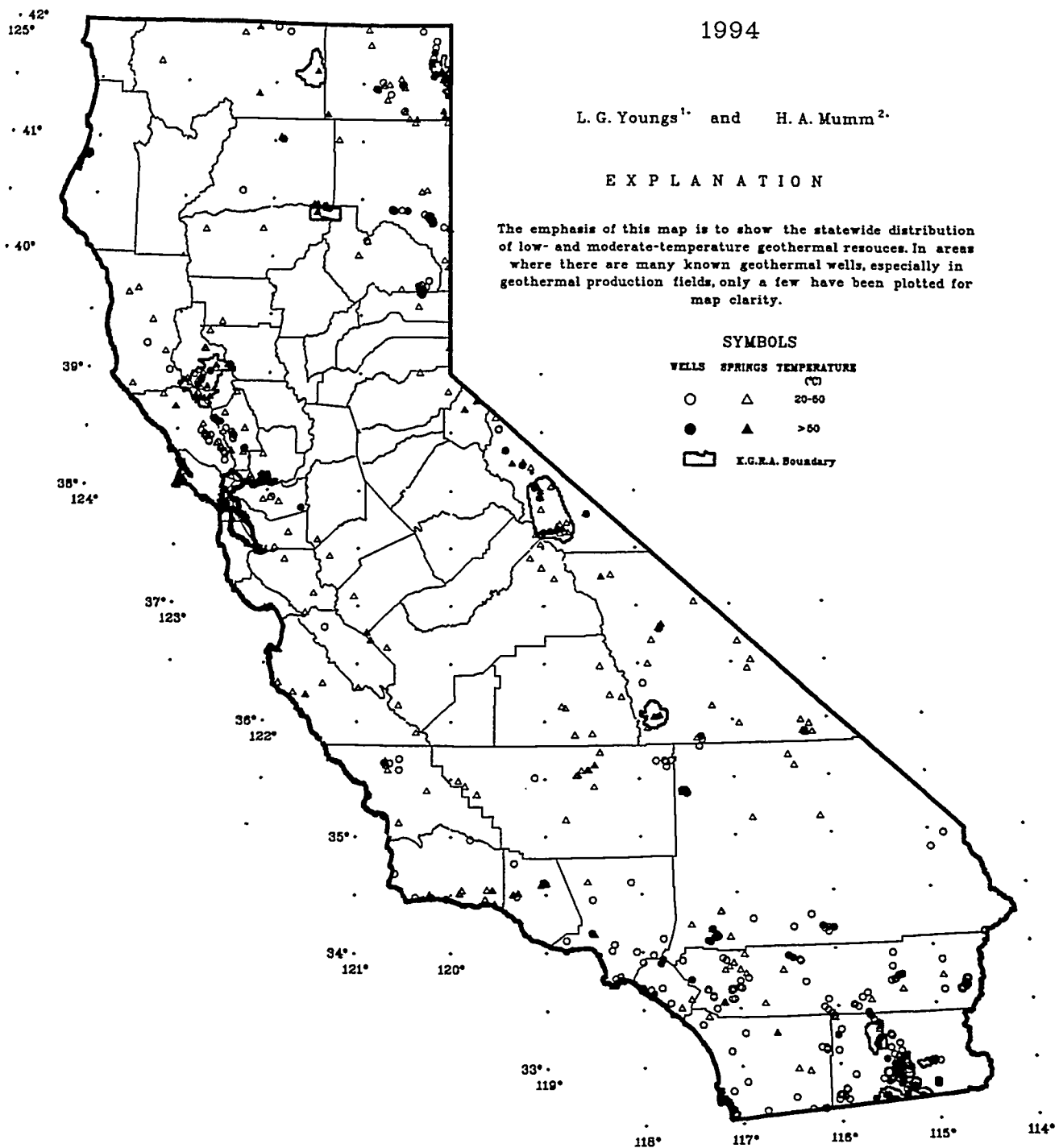
L. G. Youngs<sup>1</sup> and H. A. Mumm<sup>2</sup>

## EXPLANATION

The emphasis of this map is to show the statewide distribution of low- and moderate-temperature geothermal resources. In areas where there are many known geothermal wells, especially in geothermal production fields, only a few have been plotted for map clarity.

## SYMBOLS

| WELLS | SPRINGS | TEMPERATURE<br>(°C) |
|-------|---------|---------------------|
| ○     | △       | 20-50               |
| ●     | ▲       | >50                 |
| [ ]   |         | K.G.R.A. Boundary   |



State of California  
Department of Conservation  
1. Division of Mines and Geology  
2. Information Systems Services

of Land Management (BLM). The K.G.R.A. boundaries were manually drafted onto those older maps. In recent years the BLM has withdrawn some K.G.R.A.'s and amended the boundaries of others. We wanted to show the current designated K.G.R.A.'s on the new map by using plot files of the boundaries. We discovered that no boundary plot files existed. The BLM, USGS, several other state agencies, and private industry were also interested in acquiring files of digitized geodetic coordinates of the K.G.R.A. boundaries. DMG has now digitized those boundaries and the files were used during the plotting of Plate 1. Appendix B explains the process and format we used to produce the boundary files. The files are on the enclosed diskette within the directory labeled CALKGRAS. The K.G.R.A. boundary files are available separately from DMG upon request.

### **FLUID CHEMISTRY**

A part of the Low-Temperature Geothermal Resources and Technology Transfer Program provided for up to ten new water chemistry analyses to be performed by UURI in support of updating the resource inventories of each of the state teams. DMG collected three water samples at Orr Hot Springs, Mendocino County, California and sent them to UURI for analysis. Orr Hot Springs is a small commercial spa complex with pool and bath facilities located in a small canyon in the north Coast Ranges of California. There are at least ten small warm water springs issuing along the banks and in the bed of a small creek. The operators of the resort contacted the DOGGR and subsequently DMG about their concerns over a decrease in the flow rate of the springs. Since water chemistry data recorded in the California database was decades old for Orr Hot Springs, we undertook a 1-day field investigation at the site. The new water chemistry data was entered into the updated database and is now being evaluated.

### **DISCUSSION**

#### **Overview**

The preponderance of geothermal development in California over the past decade has been devoted to the utilization of high- and moderate-temperature resources for electrical power generation. California leads the nation in production of electricity from hydrothermal systems with a current total capacity of over 2,500 megawatts electric (MWe). That is enough electricity to provide for the electrical needs of a city with a population of 2 1/2 million. The world's largest geothermal electrical development with a current installed capacity of 1,850 MWe is The Geysers Geothermal Field in the north Coast Ranges of California. Electricity generated from hydrothermal systems is produced in four other regions of California as well. These regions are the Salton Sea/Imperial Valley area of southern

California, the Coso geothermal area within the China Lake Naval Weapons Center in south-central California, the Mammoth Lakes area in the Long Valley Caldera east of the Sierra Nevada in central California, and northeastern California in the Wendell-Amedee/Honey Lake area. Increasing production in all of these geothermal regions is currently under development or study. Other recent or current high-temperature geothermal projects in California include the Clear Lake hot-dry-rock prospect north of The Geysers geothermal area and exploratory drilling for potential electrical generation of Medicine Lake Highlands/Glass Mountain area in Siskiyou County.

Grant and loan programs as well as cost-share programs primarily administered by the U.S. Department of Energy and the California Energy Commission have played a part over the past decade in increasing the interest of Californians of the utilization of their low-temperature geothermal resources. There are currently many successful direct-use, low-temperature geothermal projects in the state. Perhaps the most notable is the City of San Bernardino which uses an underlying geothermal resource of 58°C for space- and domestic-water heating in about 30 buildings in the downtown area. Other smaller district-heating projects in California include the City of Susanville, Lassen County and the space-heating of structures at a large correctional facility at Litchfield, Lassen County. Several other California communities are engaged in various phases of district-heating project development. There are also many commercial, domestic, and public single structure geothermal space-heating projects in the state. Some of the larger facilities among about 25 projects include Indian Springs School in Big Bend, Shasta County; Surprise Valley Hospital, the high school, and the elementary school in Cedarville, Modoc County; Indian Valley Hospital in Greenville, Plumas County; and Modoc High School in Alturas, Modoc County.

The commercial application of low-temperature geothermal resources to the greenhouse and aquaculture (fish farming) industries has greatly expanded in California during the past decade. An important fish farming industry has grown in the northern and eastern area around the Salton Sea in Imperial and Riverside Counties. There are nine facilities in the area raising a variety of fresh water species as well as several kinds of Tilapia. Tilapia are a non-native fish suited to the high salinity waters of the Salton Sea/Imperial Valley area. They are produced for food markets as well as bait fish. Four commercial nurseries in the same area primarily raise roses in greenhouses that are warmed with circulating geothermal fluids in the colder parts of the year. There is also a small greenhouse facility in Susanville, Lassen County that utilizes thermal waters produced from a well in part of their operations.

A unique vocational training center in the state of California provided agricultural training in geothermal greenhouses. The Geothermal Agricultural Heat Center, Lake County began operations in 1989 utilizing 66°C water supplied to a heat exchanger system from two production wells. Horticulture classes were conducted at the greenhouse complex by the Mendocino-Lake Community College District. Regrettably the facilities have recently closed (in 1994).

The commercial geothermal resort/spa business is a relatively large, but poorly documented, industry in California. We were able to delineate approximately 48 commercial spa facilities throughout California that use geothermal waters either directly or indirectly through heat exchanger systems in pools, hot tubs, balneological baths, or mud baths. Most of these facilities are at historically developed hot springs areas. Anecdotal evidence suggests that there has been a renewed interest in "taking the baths" in California beginning in the mid 1980's.

There are at least four mineral water bottling companies in California that are extracting their product from low-temperature geothermal resources. Three facilities in Calistoga, Napa County cool geothermal waters drawn from underlying aquifers then bottle the mineralized water. A large portion of their product has added carbonation and/or flavorings. There is another commercial bottling plant at the Vichy Springs in Ukiah, Mendocino County. The mineral water is produced from a warm water spring.

Perhaps the general overview of the geothermal development in California during the past decade can be enhanced by reviewing some geothermal well drilling statistics. The following chart shows the numbers of documented geothermal wells drilled in California by year from 1980 to 1992.

**Geothermal Wells Drilled in California**

| Year         | Low-Temperature Wells Drilled | High-Temperature Wells Drilled | Observation Wells Drilled | Exploration Wells Drilled |
|--------------|-------------------------------|--------------------------------|---------------------------|---------------------------|
| 1980         | 7                             | 26                             | 112                       | 14                        |
| 1981         | 4                             | 25                             | 116                       | 14                        |
| 1982         | 2                             | 27                             | 69                        | 9                         |
| 1983         | 4                             | 33                             | 26                        | 5                         |
| 1984         | 4                             | 48                             | 32                        | 7                         |
| 1985         | 8                             | 34                             | 40                        | 7                         |
| 1986         | 7                             | 28                             | 15                        | 1                         |
| 1987         | 4                             | 30                             | 17                        | 5                         |
| 1988         | 8                             | 26                             | 9                         | 9                         |
| 1989         | 3                             | 8                              | 3                         | 3                         |
| 1990         | 4                             | 13                             | 4                         | 11                        |
| 1991         | 5                             | 12                             | 1                         | 4                         |
| 1992         | 5                             | ?                              | ?                         | ?                         |
| <b>TOTAL</b> | <b>65</b>                     | <b>310</b>                     | <b>444</b>                | <b>89</b>                 |

The data in the above chart are from the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources files.

It is evident from the chart that the greater activity has been in high-temperature geothermal development. It can be inferred from the production well statistics that geothermal development in California experienced the most activity during the middle to late 1980's of the past decade.

### Collocation of Resources

An important part of the Low-Temperature Geothermal Resources and Technology Transfer Program was to complete a collocation study of geothermal resources and communities in the Western States in order to identify and encourage those communities to develop their geothermal resources. In California we have identified 56 communities located within 8 kilometers (5 miles) of a known geothermal resource with a temperature of at least 50°C. The communities are shown on the state map on Plate 2. Demographic and resource data for each of the communities are listed in Table 4 at the end of the text. A comparison of Plate 2 with the Geologic Map of California (Plate 3) shows that the northern and central California communities collocated with a geothermal resource ( $\geq 50^{\circ}\text{C}$ ) are located in the proximity of Cenozoic volcanic rocks. The majority of those communities identified in the southern part of the state are located in sedimentary basins and desert valleys associated with major faulting. The geothermal resources include hot springs, hot water reservoirs, steam and hot brines production fields, and geothermal water produced from some petroleum fields.

Historically, most of the communities that we have identified have experienced some development of their geothermal resources. However, depending on the characteristics of the resource, the potential exists for increased geothermal development for applications such as space- and district-heating, spa and bathing facilities, aquaculture, industrial and greenhouse operations, and possible electrical generation in some areas.

### **SUMMARY**

As a result of participating in the Low-Temperature Geothermal Resources and Technology Transfer Program sponsored by the DOE/GD, DMG has compiled a near 1000-record database of low- to moderate-temperature geothermal wells and springs in California. This is a major update of a decade old inventory. The database is designed for use with readily available commercial software on personal computers (PC's) for ease of accessibility, editing, updating, and transmitting of the data file. The locations of the thermal wells and springs have been plotted on a new state map at a scale of 1:1,000,000.

#### **ALTERNATE.**

Kelley Hot Springs (near community of Canby), Modoc County - The springs flow at 1,250 L/min at 92°C and have been applied to a variety of uses including greenhouse applications and fish farming on a limited scale. All enterprises have been abandoned. The current owners are very interested in development of the resource, but the benefit to the town of Canby (population 450 and about 8 kilometers distant) is unknown.

#### **ACKNOWLEDGEMENTS**

Howard Ross of the UURI and Paul Lienau and Gene Culver of the OIT/GHC coordinated the state teams participating in the Low-Temperature Geothermal Resources and Technology Transfer Program. Their guidance is greatly appreciated. Richard Thomas, Ken Stelling, Christy Craig Hunter, Elizabeth Johnson, and Susan Hodgson of the DOGGR provided support and information about geothermal wells in California. Sean Hagerty of the BLM provided data about the designated K.G.R.A.'s in California. Henry Mumm of the California Department of Conservation, Information Systems Services produced the computer plotted map "Geothermal Springs and Wells in California", Plate 1 of this report.

TABLE 1

CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA



TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE  | DATE     |
|-----|-------------------------|------|------|---------|----------|-----|-------------------|--------------|--------------|-----------------|--------|------|----------|
| 1   | Crohore Spring          | SP   | Y    | 37.6320 | 121.7620 | ALA | Pleasanton        | 21.0         |              | 8               |        |      |          |
| 2   | Warm Springs            | SP   | Y    | 37.5030 | 121.9067 | ALA | Fremont           | 27.0         |              |                 |        |      |          |
| 3   | Grovers Hot Springs     | SP   | Y    | 38.6980 | 119.8450 | ALP | Markleeville      | 60.0         |              | 400             | F      | B, H | 05/17/82 |
| 4   | Unnamed Spring          | SP   | Y    | 38.7728 | 119.7130 | ALP | Markleeville      | 65.0         |              | 473             |        |      |          |
| 5   | Valley Springs          | SP   | N    | 38.1952 | 120.8225 | CAL | Valley Springs    | 24.0         |              | 4               |        |      |          |
| 6   | Red Eye Spring          | SP   | Y    | 39.3510 | 122.6705 | COL | Red Eye Springs   | 24.0         |              | 8               |        |      |          |
| 7   | Elgin Mine (Spring)     | SP   | Y    | 39.0570 | 122.4708 | COL | Wilbur Springs    | 69.0         |              | 38              |        |      |          |
| 8   | Wilbur Hot Spring       | SP   | N    | 39.0387 | 122.4208 | COL | Wilbur Springs    | 55.6         |              | 80              | F      | B    | 03/09/91 |
| 9   | "Sunedco/Bailey Min." 1 | NLT  | Y    | 39.0333 | 122.4301 | COL | Wilbur Springs    | 175.0        | 2711.6       | 197             | A      | I    |          |
| 10  | Empire Silver Mine      | SP   | Y    | 39.0377 | 122.4255 | COL | Wilbur Springs    | 38.0         |              | 1               |        |      |          |
| 11  | Jones Hot Spring (W)    | SW   | N    | 39.0338 | 122.4270 | COL | Wilbur Springs    | 61.9         |              |                 | F      | I    | 03/09/91 |
| 12  | Unnamed Springs         | SP   | Y    | 39.0348 | 122.4265 | COL | Wilbur Springs    | 61.0         |              | 15              |        |      |          |
| 13  | Blacks Hot Springs      | SP   | Y    | 39.0312 | 122.4313 | COL | Wilbur Springs    | 49.0         |              | 15              |        |      |          |
| 14  | Sulphur Spring          | SP   | Y    | 37.9147 | 122.0420 | CCA | Mt. Diablo        | 24.0         |              | 8               |        |      |          |
| 15  | Unnamed Spring          | SP   | Y    | 37.9292 | 121.9650 | CCA | Mt. Diablo        | 23.0         |              |                 |        |      |          |
| 16  | Unnamed Well            | MW   | Y    | 37.9375 | 121.9542 | CCA | Mt. Diablo        | 23.0         | 160.0        | 10              |        |      |          |
| 17  | Unnamed Spring          | SP   | Y    | 37.8945 | 121.8737 | CCA | Mt. Diablo        | 21.0         |              |                 |        |      |          |
| 18  | Byron Hot Springs       | SW   | Y    | 37.8472 | 121.6305 | CCA | Byron             | 51.0         | 75.0         | 600             | I      | I    | 03/23/81 |
| 19  | Wentworth Springs       | SP   | Y    | 39.0130 | 120.3380 | ELD | Wentworth Springs | 24.0         |              | 6               |        |      |          |
| 20  | Meyers Warm Spring      | SP   | Y    | 38.8500 | 120.0250 | ELD | Echo Summit       | 24.0         |              | 15              |        |      |          |
| 21  | Fish Creek Hot Sps.     | SP   | Y    | 37.5320 | 119.0245 | FRE | NE. Fresno Co.    | 43.0         |              | 19              |        |      |          |
| 22  | Unnamed Spring          | SP   | Y    | 37.4125 | 119.1392 | FRE | NE. Fresno Co.    | 35.0         |              |                 |        |      |          |
| 23  | Mono Hot Springs        | SP   | Y    | 37.3267 | 119.0167 | FRE | Mono Hot Springs  | 43.0         |              | 200             |        |      |          |
| 24  | Blaney Meadows Hot Sps. | SP   | Y    | 37.2337 | 118.8813 | FRE | NE. Fresno Co.    | 43.0         |              | 150             |        |      |          |
| 25  | Mercy Hot Springs       | SP   | Y    | 36.7033 | 120.8598 | FRE | Mercy Hot Sps.    | 48.0         |              |                 | F      | B    | 12/07/81 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
|-----|---------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| 26  | Escarpado Spring          | SP   | Y    | 36.6417 | 120.6833 | FRE | Mendota         | 24.0         |              |                 |        |     |      |
| 27  | Coalinga Mineral Sps.     | SP   | Y    | 36.1450 | 120.5562 | FRE | Coalinga        | 31.0         |              | 4               |        |     |      |
| 28  | Salt Spring               | SP   | Y    | 39.4303 | 122.5363 | GLE | Stonyford       | 24.0         |              | 20              |        |     |      |
| 29  | Fish Springs Well         | WW   | Y    | 33.4180 | 116.0400 | IMP | NW. Salton Sea  | 46.0         |              |                 |        |     |      |
| 30  | Fish Springs              | SP   | Y    | 33.4070 | 116.0347 | IMP | NW. Salton Sea  | 28.0         |              | 57              |        |     |      |
| 31  | Well 9S/9E-23M1 S         | WW   | N    | 33.3742 | 116.0133 | IMP | NW. Salton Sea  | 27.0         |              |                 |        |     |      |
| 32  | Ballard's Truckhaven      | WW   | Y    | 33.2972 | 115.9762 | IMP | Salton City     | 38.0         | 392.0        | 45              |        |     |      |
| 33  | Well 10S/9E-35N1 S        | WW   | Y    | 33.2520 | 116.0108 | IMP | Salton City     | 59.0         | 604.0        |                 |        |     |      |
| 34  | Well 10S/9E-36P1 S        | WW   | Y    | 33.2513 | 115.9872 | IMP | Salton City     | 33.0         | 195.0        |                 |        |     |      |
| 35  | Holly Corp. Hot Mnr. Well | WW   | N    | 33.2475 | 116.0008 | IMP | Salton City     | 58.0         |              |                 |        |     |      |
| 36  | Jacobs No.3 Well          | X    | N    | 33.1167 | 116.0195 | IMP | Borrego Valley  | 39.0         | 366.0        |                 |        |     |      |
| 37  | Jacobs No.2 Well          | X    | Y    | 33.1170 | 116.0097 | IMP | Borrego Valley  | 31.0         | 204.0        |                 |        |     |      |
| 38  | Landmark Corp. Well       | X    | N    | 33.0638 | 116.0308 | IMP | Borrego Valley  | 35.0         | 361.0        |                 |        |     |      |
| 39  | Well 14S/11E-32R1 S       | WW   | Y    | 32.9030 | 115.8480 | IMP | Ocotillo        | 28.0         | 300.0        |                 |        |     |      |
| 40  | C.L. Smith Well           | WW   | Y    | 32.7167 | 115.9630 | IMP | Ocotillo        | 29.0         | 46.0         |                 |        |     |      |
| 41  | J. Greene Well            | WW   | Y    | 32.7833 | 115.9478 | IMP | Ocotillo        | 29.0         | 32.0         |                 |        |     |      |
| 42  | Dollinger Well            | WW   | Y    | 32.7763 | 115.9405 | IMP | Ocotillo        | 30.0         | 91.0         |                 |        |     |      |
| 43  | Miller's Serv. Sta. Well  | WW   | Y    | 32.7292 | 116.0167 | IMP | Ocotillo        | 34.0         | 163.0        |                 |        |     |      |
| 44  | H.D. Currey Well          | WW   | Y    | 32.7388 | 116.0047 | IMP | Ocotillo        | 29.0         | 107.0        |                 |        |     |      |
| 45  | Davis Spring (Well)       | SW   | Y    | 32.6945 | 116.0250 | IMP | Ocotillo        | 28.0         |              |                 |        |     |      |
| 46  | Texaco Station Well       | WW   | Y    | 32.7305 | 115.9937 | IMP | Ocotillo        | 33.0         | 167.0        |                 |        |     |      |
| 47  | W. Simpson Well           | WW   | Y    | 32.6897 | 115.9247 | IMP | Ocotillo        | 29.0         | 92.0         |                 |        |     |      |
| 48  | Unnamed Well              | WW   | N    | 33.4250 | 115.6917 | IMP | Hot Mineral Spa | 77.0         |              |                 |        |     |      |
| 49  | Hot Mineral Spa Well      | WW   | Y    | 33.4258 | 115.6855 | IMP | Hot Mineral Spa | 88.0         | 99.0         | 900             |        |     |      |
| 50  | Bashford's Hot Mnr. (W)   | WW   | N    | 33.4237 | 115.6808 | IMP | Hot Mineral Spa | 62.0         | 75.0         |                 |        |     |      |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
|-----|----------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| 51  | "Bashford" 1               | CLT  | Y    | 33.4179 | 115.6799 | IMP | Hot Mineral Spa | 74.4         | 510.7        | 57              | A      | I   |      |
| 52  | Fountain Of Youth Well     | WW   | Y    | 33.4033 | 115.6617 | IMP | Hot Mineral Spa | 60.0         | 192.0        |                 |        |     |      |
| 53  | Fountain of Youth, "Spa" 2 | CLT  | N    | 33.3991 | 115.6626 | IMP | Hot Mineral Spa | W            | 198.0        |                 |        |     |      |
| 54  | Well 9S/13E-20E1 S         | WW   | Y    | 33.3788 | 115.6437 | IMP | Hot Mineral Spa | 31.0         |              |                 |        |     |      |
| 55  | "Miland" 1                 | CLT  | N    | 33.4179 | 115.6799 | IMP | Hot Mineral Spa | W            | 146.4        |                 |        |     |      |
| 56  | "Miland" 2                 | CLT  | N    | 33.4160 | 115.6782 | IMP | Hot Mineral Spa | W            | 146.3        |                 |        |     |      |
| 57  | "Miland" 3                 | CLT  | N    | 33.4176 | 115.6788 | IMP | Hot Mineral Spa | W            | 146.0        |                 |        |     |      |
| 58  | "Imperial" 1               | CLT  | N    | 33.4182 | 115.6743 | IMP | Hot Mineral Spa | 61.5         | 480.0        |                 | A      | I   |      |
| 59  | "Imperial" 2               | CLT  | N    | 33.4164 | 115.6811 | IMP | Hot Mineral Spa | 65.0         | 148.5        | 1703            |        | F   |      |
| 60  | "Imperial" 3               | CLT  | N    | 33.4205 | 115.6786 | IMP | Hot Mineral Spa | H            | 163.0        |                 |        | F   |      |
| 61  | Unnamed Mud Volcano        | SP   | Y    | 33.3450 | 115.5875 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 62  | Unnamed Mud Volcano        | SP   | N    | 33.3450 | 115.5700 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 63  | Unnamed Mud Volcano        | SP   | N    | 33.3233 | 115.5700 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 64  | Unnamed Mud Volcano        | SP   | N    | 33.3233 | 115.5875 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 65  | Unnamed Mud Volcano        | SP   | N    | 33.3117 | 115.6067 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 66  | Unnamed Mud Volcano        | SP   | Y    | 33.3117 | 115.5875 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 67  | Unnamed Mud Volcano        | SP   | N    | 33.2850 | 115.5700 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 68  | Unnamed Mud Volcano        | SP   | Y    | 33.2850 | 115.5883 | IMP | Salton Sea KGRA | W            |              |                 |        |     |      |
| 69  | Well 11S/14E-2A1 S         | WW   | Y    | 33.2442 | 115.4772 | IMP | Miland          | 44.0         | 251.0        |                 |        |     |      |
| 70  | Fish Producers, "Ray" 1    | CLT  | Y    | 33.2293 | 115.4646 | IMP | Miland          | W            | 270.0        |                 |        |     |      |
| 71  | Unnamed Mud Pot            | SP   | N    | 33.2197 | 115.5803 | IMP | Salton Sea KGRA | 38.0         |              |                 |        |     |      |
| 72  | J. Massion Well            | WW   | Y    | 33.2197 | 115.5787 | IMP | Salton Sea KGRA | 40.0         |              |                 |        |     |      |
| 73  | Earth Energy Hudson 1      | X    | N    | 33.2122 | 115.5695 | IMP | Salton Sea KGRA | 40.0         | 1871.0       |                 |        |     |      |
| 74  | Unnamed Mud Pots           | SP   | N    | 33.2125 | 115.5958 | IMP | Salton Sea KGRA | 38.0         |              |                 |        |     |      |
| 75  | Well 11S/13E-22H1 S        | WW   | N    | 33.1983 | 115.5970 | IMP | Salton Sea KGRA | 28.0         | 46.0         |                 |        |     |      |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                          |      |      |         |          |     |                 |              |              |                 |        |     |      |
|---------------------------------------------------------------------|--------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| ID#                                                                 | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
| 76                                                                  | IID 3 - Imp. Therm. Pr.  | X    | Y    | 33.2053 | 115.5883 | IMP | Salton Sea KGRA | 105.0        | 517.0        |                 |        |     |      |
| 77                                                                  | Earth Energy Rvr Ranch 1 | X    | N    | 33.2025 | 115.5780 | IMP | Salton Sea KGRA | 345.0        | 2470.0       |                 |        |     |      |
| 78                                                                  | Unnamed Mud Pot          | SP   | N    | 33.2008 | 115.5772 | IMP | Salton Sea KGRA | 38.0         |              |                 |        |     |      |
| 79                                                                  | O'Neill Geothermal Inc.  | X    | N    | 33.2005 | 115.5872 | IMP | Salton Sea KGRA | 310.0        | 1441.0       |                 |        |     |      |
| 80                                                                  | IID 1 - Imp. Therm. Pr.  | X    | N    | 33.2020 | 115.5917 | IMP | Salton Sea KGRA | 316.0        | 1595.0       |                 |        |     |      |
| 81                                                                  | IID 2 - Imp. Therm. Pr.  | X    | Y    | 33.1967 | 115.5983 | IMP | Salton Sea KGRA | 348.0        | 1776.0       | 3300            |        |     |      |
| 82                                                                  | Elmore 1 Well            | X    | N    | 33.1830 | 115.6122 | IMP | Salton Sea KGRA | 360.0        | 2169.0       | 2400            |        |     |      |
| 83                                                                  | MagmaMax 3 Magma Power   | X    | N    | 33.1687 | 115.6228 | IMP | Salton Sea KGRA | 321.0        | 940.0        |                 |        |     |      |
| 84                                                                  | MagmaMax 2 Magma Power   | X    | N    | 33.1687 | 115.6292 | IMP | Salton Sea KGRA | 278.0        | 1329.0       |                 |        |     |      |
| 85                                                                  | MagmaMax 1 Magma Power   | X    | Y    | 33.1625 | 115.6187 | IMP | Salton Sea KGRA | 265.0        | 690.0        |                 |        |     |      |
| 86                                                                  | Magma Power, Woolsey 1   | X    | N    | 33.1625 | 115.6145 | IMP | Salton Sea KGRA | 171.0        | 713.0        |                 |        |     |      |
| 87                                                                  | Sinclair 4               | X    | N    | 33.1487 | 115.6213 | IMP | Salton Sea KGRA | 164.0        | 1373.0       |                 |        |     |      |
| 88                                                                  | Sinclair 3               | X    | Y    | 33.1470 | 115.6075 | IMP | Salton Sea KGRA | 168.0        | 1439.0       | 4500            |        |     |      |
| 89                                                                  | Well 13S/14E-9R1 S       | WW   | Y    | 33.0287 | 115.5233 | IMP | Brawley         | 138.0        | 2545.0       |                 |        |     |      |
| 90                                                                  | C. Bowles Well           | WW   | Y    | 33.1262 | 115.4778 | IMP | Calipatria      | 41.0         | 280.0        |                 |        |     |      |
| 91                                                                  | Well 12S/15E-3A1 S       | WW   | Y    | 33.1617 | 115.3887 | IMP | Calipatria      | 31.0         | 263.0        |                 |        |     |      |
| 92                                                                  | Well 12S/15E-26J1 S      | WW   | Y    | 33.0962 | 115.3722 | IMP | Imperial Valley | 33.0         | 105.0        |                 |        |     |      |
| 93                                                                  | Well 12S/15E-27R1 S      | WW   | N    | 33.0897 | 115.3888 | IMP | Imperial Valley | 34.0         | 131.0        |                 |        |     |      |
| 94                                                                  | Well 13S/15E-5D1 S       | WW   | Y    | 33.0667 | 115.4478 | IMP | Imperial Valley | 36.0         | 264.0        | 40              |        |     |      |
| 95                                                                  | Well 13S/15E-3N1 S       | WW   | N    | 33.0442 | 115.4162 | IMP | Imperial Valley | 41.0         | 271.0        |                 |        |     |      |
| 96                                                                  | Well 13S/15E-3Q1 S       | WW   | Y    | 33.0450 | 115.4047 | IMP | Imperial Valley | 40.0         | 268.0        |                 |        |     |      |
| 97                                                                  | Well 13S/15E-1B1 S       | WW   | N    | 33.0612 | 115.3703 | IMP | Imperial Valley | 55.0         | 332.0        |                 |        |     |      |
| 98                                                                  | Well 13S/16E-6A1 S       | WW   | N    | 33.0603 | 115.3522 | IMP | Imperial Valley | 32.0         |              |                 |        |     |      |
| 99                                                                  | Well 12S/16E-31N1 S      | WW   | N    | 33.0750 | 115.3487 | IMP | Imperial Valley | 39.0         | 282.0        | 20              |        |     |      |
| 100                                                                 | Well 13S/16E-6J1 S       | WW   | N    | 33.0495 | 115.3492 | IMP | Imperial Valley | 33.0         | 189.0        |                 |        |     |      |

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| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
|-----|------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| 101 | Well 13S/16E-18F1 S    | WW   | N    | 33.0222 | 115.3583 | IMP | Imperial Valley | 28.0         | 188.0        |                 |        |     |      |
| 102 | Well 13S/16E-6P1 S     | WW   | N    | 33.0438 | 115.3583 | IMP | Imperial Valley | 32.0         | 91.0         | 20              |        |     |      |
| 103 | Well 13S/16E-6N1 S     | WW   | Y    | 33.0438 | 115.3622 | IMP | Imperial Valley | 38.0         |              |                 |        |     |      |
| 104 | Well 13S/15E-1Q1 S     | WW   | N    | 33.0467 | 115.3703 | IMP | Imperial Valley | 29.0         | 122.0        |                 |        |     |      |
| 105 | Meyer-Dickerman Well   | WW   | N    | 33.0305 | 115.3703 | IMP | Imperial Valley | 37.0         |              |                 |        |     |      |
| 106 | Dickerman-Butters Well | WW   | Y    | 33.0233 | 115.3663 | IMP | Imperial Valley | 52.0         |              |                 |        |     |      |
| 107 | Well 13S/15E-16Q1 S    | WW   | Y    | 33.0158 | 115.4238 | IMP | Imperial Valley | 39.0         | 232.0        | 40              |        |     |      |
| 108 | Well 13S/15E-24E1 S    | WW   | N    | 33.0083 | 115.3805 | IMP | Imperial Valley | 39.0         |              |                 |        |     |      |
| 109 | Well 13S/15E-24N1 S    | WW   | N    | 33.0013 | 115.3813 | IMP | Imperial Valley | 43.0         | 213.0        | 60              |        |     |      |
| 110 | Well 13S/15E-23Q1 S    | WW   | Y    | 33.0013 | 115.3887 | IMP | Imperial Valley | 56.0         | 396.0        | 160             |        |     |      |
| 111 | T. Shank Well          | WW   | Y    | 32.9825 | 115.4488 | IMP | Imperial Valley | 44.0         | 307.0        |                 |        |     |      |
| 112 | N. Fifield Well        | WW   | Y    | 32.9678 | 115.4488 | IMP | Imperial Valley | 51.0         | 393.0        |                 |        |     |      |
| 113 | Magnolia School Well   | WW   | N    | 32.9825 | 115.4220 | IMP | Imperial Valley | 51.0         | 425.0        | 140             |        |     |      |
| 114 | Well 13S/15E-33K1 S    | WW   | N    | 32.9745 | 115.4242 | IMP | Imperial Valley | 33.0         | 319.0        |                 |        |     |      |
| 115 | M. Phegley Well        | WW   | N    | 32.9750 | 115.4150 | IMP | Imperial Valley | 44.0         | 291.0        | 40              |        |     |      |
| 116 | Fifield-Hoepner Well   | WW   | N    | 32.9747 | 115.4067 | IMP | Imperial Valley | 22.0         | 319.0        |                 |        |     |      |
| 117 | Orita Feed Lot Well    | WW   | Y    | 32.9750 | 115.4012 | IMP | Imperial Valley | 43.0         | 274.0        |                 |        |     |      |
| 118 | B. Emanuelli Well      | WW   | N    | 32.9825 | 115.3362 | IMP | Imperial Valley | 41.0         |              |                 |        |     |      |
| 119 | Well 13S/16E-28R1 S    | WW   | Y    | 32.9867 | 115.3158 | IMP | Imperial Valley | 36.0         |              |                 |        |     |      |
| 120 | Mamer-Shank Well       | WW   | N    | 32.9533 | 115.4320 | IMP | Imperial Valley | 31.0         | 244.0        |                 |        |     |      |
| 121 | J. Birger Well         | WW   | Y    | 32.9450 | 115.4317 | IMP | Imperial Valley | 31.0         | 118.0        | 20              |        |     |      |
| 122 | Moiola Feed Lot Well   | WW   | N    | 32.9533 | 115.3972 | IMP | Imperial Valley | 42.0         | 199.0        | 28              |        |     |      |
| 123 | Gisler-Bowman Well     | WW   | N    | 32.9380 | 115.4058 | IMP | Imperial Valley | 48.0         | 355.0        | 239             |        |     |      |
| 124 | Mendiburu Lot Well     | WW   | Y    | 32.9433 | 115.3788 | IMP | Imperial Valley | 52.0         | 378.0        |                 |        |     |      |
| 125 | F. Borchard Well       | WW   | N    | 32.9580 | 115.3195 | IMP | Imperial Valley | 38.0         | 139.0        | 48              |        |     |      |

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| ID# | SOURCE NAME          | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
|-----|----------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| 126 | F. Borchard Well     | WW   | Y    | 32.9595 | 115.3208 | IMP | Imperial Valley | 37.0         | 140.0        |                 |        |     |      |
| 127 | Well 14S/16E-11H1 S  | WW   | Y    | 32.9508 | 115.2837 | IMP | Imperial Valley | 35.0         | 87.0         |                 |        |     |      |
| 128 | Well 14S/16E-16B1 S  | WW   | N    | 32.9387 | 115.3197 | IMP | Imperial Valley | 32.0         | 137.0        |                 |        |     |      |
| 129 | Well 14S/16E-15K1 S  | WW   | N    | 32.9313 | 115.3197 | IMP | Imperial Valley | 25.0         | 122.0        | 4               |        |     |      |
| 130 | Well 14S/16E-21D1 S  | WW   | N    | 32.9245 | 115.3283 | IMP | Imperial Valley | 36.0         | 137.0        |                 |        |     |      |
| 131 | Well 14S/16E-21B1 S  | WW   | N    | 32.9245 | 115.3197 | IMP | Imperial Valley | 33.0         |              | 20              |        |     |      |
| 132 | Well 14S/16E-22D1 S  | WW   | Y    | 32.9245 | 115.3113 | IMP | Imperial Valley | 42.0         | 216.0        | 20              |        |     |      |
| 133 | Coons Well           | WW   | N    | 32.9025 | 115.3055 | IMP | Imperial Valley | 31.0         |              |                 |        |     |      |
| 134 | Well 14S/16E-19N1 S  | WW   | N    | 32.9153 | 115.3650 | IMP | Imperial Valley | 50.0         | 346.0        |                 |        |     |      |
| 135 | J. Birger No. 1 Well | WW   | Y    | 32.9170 | 115.3975 | IMP | Imperial Valley | 39.0         | 230.0        | 20              |        |     |      |
| 136 | J. Birger No. 2 Well | WW   | N    | 32.9097 | 115.4045 | IMP | Imperial Valley | 32.0         | 123.0        | 16              |        |     |      |
| 137 | H. Foster Well       | WW   | N    | 32.9025 | 115.4233 | IMP | Imperial Valley | 31.0         | 116.0        |                 |        |     |      |
| 138 | Jenson Well          | WW   | N    | 32.8953 | 115.4063 | IMP | Imperial Valley | 30.0         | 109.0        | 120             |        |     |      |
| 139 | Gaddis Well          | WW   | Y    | 32.8838 | 115.4042 | IMP | Imperial Valley | 36.0         | 187.0        | 60              |        |     |      |
| 140 | Well 15S/15E-1H1 S   | WW   | Y    | 32.8770 | 115.3705 | IMP | Imperial Valley | 38.0         | 177.0        |                 |        |     |      |
| 141 | Well 15S/16E-7F1 S   | WW   | N    | 32.8630 | 115.3583 | IMP | Imperial Valley | 27.0         | 158.0        |                 |        |     |      |
| 142 | Hooke Well           | WW   | N    | 32.8578 | 115.3530 | IMP | Imperial Valley | 36.0         | 212.0        | 12              |        |     |      |
| 143 | Well 15S/15E-12H1 S  | WW   | Y    | 32.8622 | 115.3705 | IMP | Imperial Valley | 38.0         |              |                 |        |     |      |
| 144 | Unnamed Well         | WW   | N    | 32.8617 | 115.3750 | IMP | Imperial Valley | 38.0         |              |                 |        |     |      |
| 145 | C. Allen Well        | WW   | Y    | 32.8478 | 115.4095 | IMP | Imperial Valley | 40.0         | 263.0        | 40              |        |     |      |
| 146 | Well 15S/15E-13N1 S  | WW   | Y    | 32.8397 | 115.3792 | IMP | Imperial Valley | 36.0         | 244.0        |                 |        |     |      |
| 147 | Well 15S/15E-9N1 S   | WW   | Y    | 32.8575 | 115.4333 | IMP | Imperial Valley | 34.0         | 183.0        |                 |        |     |      |
| 148 | Well 15S/15E-10G1 S  | WW   | N    | 32.8622 | 115.4062 | IMP | Imperial Valley | 32.0         | 140.0        | 108             |        |     |      |
| 149 | Well 15S/15E-9E1 S   | WW   | N    | 32.8655 | 115.4317 | IMP | Imperial Valley | 33.0         | 189.0        |                 |        |     |      |
| 150 | Unnamed Well         | WW   | N    | 32.8500 | 115.4583 | IMP | Imperial Valley | 38.0         |              |                 |        |     |      |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE |
|-----|-------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|------|
| 151 | Well 15S/14E-13E1 S     | WW   | Y    | 32.8480 | 115.4820 | IMP | Imperial Valley | 35.0         | 36.0         |                 |        |     |      |
| 152 | Magma Ener. Bonanza 1   | X    | Y    | 32.8317 | 115.5088 | IMP | Imperial Valley | H            | 1531.0       |                 |        |     |      |
| 153 | Unnamed Well            | WW   | Y    | 32.8583 | 115.5667 | IMP | Imperial Valley | 30.0         |              |                 |        |     |      |
| 154 | Magma Ener. Fed-Rite 1  | X    | Y    | 32.6867 | 115.6562 | IMP | Heber           | H            | 1640.0       |                 |        |     |      |
| 155 | Magma Ener. Holtz 2     | X    | Y    | 32.7153 | 115.5578 | IMP | Heber           | 159.0        | 1490.0       |                 |        |     |      |
| 156 | Magma Ener. Holtz 1     | X    | Y    | 32.7153 | 115.5425 | IMP | Heber           | 168.0        | 1531.0       |                 |        |     |      |
| 157 | Chevron, Nowlin Partner | X    | Y    | 32.7153 | 115.5263 | IMP | Heber           | H            | 1533.0       |                 |        |     |      |
| 158 | Well 15S/15E-26B1 S     | WW   | N    | 32.8187 | 115.3892 | IMP | Holtville       | 40.0         | 396.0        |                 |        |     |      |
| 159 | Well 15S/15E-25D1 S     | WW   | N    | 32.8225 | 115.3825 | IMP | Holtville       | 37.0         |              |                 |        |     |      |
| 160 | Well 15S/15E-25F1 S     | WW   | N    | 32.8200 | 115.3792 | IMP | Holtville       | 40.0         |              |                 |        |     |      |
| 161 | Well 15S/15E-25B1 S     | WW   | Y    | 32.8217 | 115.3670 | IMP | Holtville       | 44.0         |              |                 |        |     |      |
| 162 | Well 15S/16E-18D1 S     | WW   | N    | 32.8405 | 115.3525 | IMP | Holtville       | 36.0         | 134.0        |                 |        |     |      |
| 163 | Well 15S/15E-36D1 S     | WW   | N    | 32.8095 | 115.3803 | IMP | Holtville       | 29.0         |              | 12              |        |     |      |
| 164 | Well 15S/15E-35A1 S     | WW   | Y    | 32.8100 | 115.3847 | IMP | Holtville       | 45.0         | 355.0        | 115             |        |     |      |
| 165 | Spanish Trails Park     | WW   | N    | 32.8155 | 115.3638 | IMP | Holtville       | 43.0         | 473.0        |                 |        |     |      |
| 166 | A. Fusi Jr. Well        | WW   | N    | 32.8113 | 115.3538 | IMP | Holtville       | 40.0         | 305.0        |                 |        |     |      |
| 167 | Well 15S/16E-29D2 S     | WW   | N    | 32.8108 | 115.3372 | IMP | Holtville       | 37.0         |              |                 |        |     |      |
| 168 | R. Garewal Well         | WW   | N    | 32.8430 | 115.3087 | IMP | Imperial Valley | 32.0         | 245.0        |                 |        |     |      |
| 169 | Well 15S/16E-22L1 S     | WW   | Y    | 32.8325 | 115.3062 | IMP | Imperial Valley | 35.0         | 229.0        | 12              |        |     |      |
| 170 | Well 15S/16E-23F1 S     | WW   | N    | 32.8337 | 115.2908 | IMP | Imperial Valley | 34.0         | 171.0        | 100             |        |     |      |
| 171 | Well 15S/16E-36E1 S     | WW   | N    | 32.8037 | 115.2753 | IMP | East Mesa KGRA  | 38.0         | 192.0        |                 |        |     |      |
| 172 | Magma Ener. Sharp 1     | X    | N    | 32.7962 | 115.2863 | IMP | East Mesa KGRA  | 126.0        | 1851.0       |                 |        |     |      |
| 173 | C. Ansel Well           | WW   | Y    | 32.7888 | 115.3230 | IMP | Imperial Valley | 36.0         | 287.0        |                 |        |     |      |
| 174 | Mesa 6-2 U.S.B.R.       | X    | N    | 32.7858 | 115.2555 | IMP | East Mesa KGRA  | 186.0        | 1804.0       | 900             |        |     |      |
| 175 | Mesa 6-1 U.S.B.R.       | X    | Y    | 32.7862 | 115.2488 | IMP | East Mesa KGRA  | 204.0        | 2426.0       | 1500            |        |     |      |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|------------------|--------------|--------------|-----------------|--------|-----|----------|
| 176 | UC 6-1S1 Well             | X    | N    | 32.7862 | 115.2488 | IMP | East Mesa KGRA   | 33.0         | 46.0         |                 |        |     |          |
| 177 | Mesa 5-1 U.S.B.R.         | X    | N    | 32.7942 | 115.2305 | IMP | East Mesa KGRA   | 170.0        | 1829.0       |                 |        |     |          |
| 178 | U.C. Riverside 127 Well   | X    | Y    | 32.7662 | 115.2362 | IMP | East Mesa KGRA   | 83.0         | 429.0        |                 |        |     |          |
| 179 | Linden Gravel Well        | WW   | N    | 32.7653 | 115.2700 | IMP | East Mesa KGRA   | 49.0         | 247.0        |                 |        |     |          |
| 180 | Schneider-Guthrie Well    | WW   | N    | 32.7717 | 115.2762 | IMP | East Mesa KGRA   | 42.0         | 251.0        |                 |        |     |          |
| 181 | Watton Camp Well          | WW   | Y    | 32.7658 | 115.2838 | IMP | East Mesa KGRA   | 43.0         | 344.0        |                 |        |     |          |
| 182 | Well 16S/16E-15B1 S       | WW   | Y    | 32.7658 | 115.3028 | IMP | Imperial Valley  | 37.0         | 305.0        | 16              |        |     |          |
| 183 | Lechuga Store Well        | WW   | Y    | 32.7561 | 115.3367 | IMP | Imperial Valley  | 40.0         |              |                 |        |     |          |
| 184 | Well 16S/16E-3301 S       | WW   | Y    | 32.7225 | 115.3280 | IMP | Imperial Valley  | 31.0         | 244.0        |                 |        |     |          |
| 185 | L. Bornt Well             | WW   | Y    | 32.6925 | 115.3350 | IMP | Imperial Valley  | 35.0         | 218.0        |                 |        |     |          |
| 186 | Magma Ener. Sharp 2       | X    | N    | 32.7155 | 115.2978 | IMP | Imperial Valley  | H            | 1977.0       |                 |        |     |          |
| 187 | Smith Brothers Well       | WW   | Y    | 32.9987 | 115.0738 | IMP | Glamis           | 71.0         | 207.0        |                 |        |     |          |
| 188 | Erma Mine Well            | WW   | Y    | 32.9983 | 114.9817 | IMP | Glamis           | 30.0         | 213.0        |                 |        |     |          |
| 189 | Gold Rock Ranch Well      | WW   | Y    | 33.8683 | 114.9117 | IMP | Ogilby           | 37.0         | 210.0        |                 |        |     |          |
| 190 | U.S.B.R. No. 115 Well     | X    | Y    | 32.8020 | 115.0153 | IMP | Ogilby           | 100.0        | 107.0        |                 |        |     |          |
| 191 | Keough Hot Springs        | SP   | Y    | 37.2538 | 118.3765 | INY | Owens Valley     | 58.0         |              | 2000            | F      | B   |          |
| 192 | Unnamed Springs           | SP   | Y    | 37.2675 | 118.2722 | INY | Owens Valley     | 29.0         |              |                 |        |     |          |
| 193 | Grapevine Spring          | SP   | Y    | 37.0268 | 117.3833 | INY | Death Valley     | 37.0         |              | 115             | F      | I   | 05/08/81 |
| 194 | Upper Warm Springs        | SP   | Y    | 36.8320 | 117.7370 | INY | Saline Valley    | 50.0         |              |                 |        |     |          |
| 195 | Palm Spring               | SP   | Y    | 36.8130 | 117.7653 | INY | Saline Valley    | 50.0         |              |                 |        |     |          |
| 196 | Lower Burto Warm Spring   | SP   | Y    | 36.8058 | 117.7717 | INY | Saline Valley    | 43.0         |              |                 |        |     |          |
| 197 | Little Hunter Canyon Sps. | SP   | Y    | 36.6978 | 117.8480 | INY | Saline Valley    | 27.0         |              | 568             |        |     |          |
| 198 | Unnamed Spring            | SP   | Y    | 36.4955 | 117.8928 | INY | Owens Valley     | 30.0         |              | 57              |        |     |          |
| 199 | Dirty Socks Hot Sps. Well | SW   | Y    | 36.3295 | 117.9487 | INY | Owens Valley     | 34.0         | 183.0        |                 |        |     |          |
| 200 | Devils Kitchen Fumarole   | SP   | Y    | 36.0347 | 117.7987 | INY | Coso Hot Springs | 97.0         |              |                 |        |     |          |

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| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE  | DATE     |
|-----|-------------------------|------|------|---------|----------|-----|------------------|--------------|--------------|-----------------|--------|------|----------|
| 201 | Coso Hot Springs Well   | SP   | Y    | 36.0462 | 117.7692 | INY | Coso Hot Springs | 97.0         |              |                 |        |      |          |
| 202 | Unnamed Fumarole        | SP   | Y    | 36.0337 | 117.8330 | INY | Coso Hot Springs | 97.0         |              |                 |        |      |          |
| 203 | Unnamed Spring          | SP   | Y    | 35.9400 | 117.9025 | INY | Coso Hot Springs | 27.0         |              | 1               |        |      |          |
| 204 | Bainter Spring          | SP   | Y    | 35.8428 | 117.3817 | INY | Trona            | 24.0         |              | 1               |        | I    | 05/14/81 |
| 205 | Well 24S/43E-22M1 M     | WW   | Y    | 35.8297 | 117.3295 | INY | Trona            | 32.0         | 91.0         |                 |        |      |          |
| 206 | Well 24S/43E-9P1 M      | WW   | Y    | 35.8558 | 117.3405 | INY | Trona            | 58.0         | 183.0        |                 |        |      |          |
| 207 | Warm Sulfur Springs     | SP   | Y    | 36.1225 | 117.2150 | INY | Panamint Valley  | 27.0         |              | 4               |        |      |          |
| 208 | Warm Spring             | SP   | Y    | 35.9667 | 116.9312 | INY | Death Valley     | W            |              |                 |        |      |          |
| 209 | Tecopa Hot Springs      | SP   | Y    | 35.8718 | 116.2312 | INY | Tecopa           | 42.0         |              | 757             | F      | B, C | 05/10/81 |
| 210 | Resting Spring          | SP   | Y    | 35.8775 | 116.1560 | INY | Tecopa           | 27.0         |              | 980             |        |      |          |
| 211 | Well 21N/7E-28P1 S      | WW   | Y    | 35.8858 | 116.2333 | INY | Tecopa           | 48.0         | 107.0        | 40000           | F      | I    | 05/10/81 |
| 212 | Unnamed Spring          | SP   | Y    | 35.8883 | 116.2578 | INY | Tecopa           | W            |              |                 |        |      |          |
| 213 | Chappo Spring           | SP   | Y    | 35.9478 | 116.1883 | INY | Tecopa           | 27.0         |              | 38              |        |      |          |
| 214 | Shoshone Spring         | SP   | Y    | 35.9800 | 116.2730 | INY | Tecopa           | 32.0         |              |                 |        |      |          |
| 215 | Travertine Springs      | SP   | Y    | 36.4408 | 116.8292 | INY | Death Valley     | 32.0         |              |                 |        |      |          |
| 216 | Nevares Springs         | SP   | Y    | 36.5122 | 116.7900 | INY | Death Valley     | 40.0         |              | 1325            | F      | A    | 05/11/81 |
| 217 | Keane Wonder Hot Spring | SP   | Y    | 36.6762 | 116.9258 | INY | Death Valley     | 34.0         |              | 113             |        |      |          |
| 218 | Meadow Hot Spring       | SP   | Y    | 35.7290 | 118.4112 | KRN | Kernville        | 41.0         |              | 15              | F      | I    | 03/18/81 |
| 219 | Meadow Hot Spring No.6  | SP   | Y    | 35.7290 | 118.4150 | KRN | Kernville        | 20.0         |              | 3               | F      | I    | 03/18/81 |
| 220 | Scovern Hot Springs     | SP   | Y    | 35.6205 | 118.4730 | KRN | Lake Isabella    | 54.0         |              | 415             | F      | I    | 03/20/81 |
| 221 | Miracle Hot Springs     | SP   | Y    | 35.5762 | 118.5330 | KRN | Bodfish          | 50.0         |              | 49              | F      | A, B | 03/30/81 |
| 222 | Delonegha Hot Springs   | SP   | Y    | 35.5733 | 118.6128 | KRN | Bodfish          | 43.0         |              | 30              | F      | B    | 03/19/81 |
| 223 | Unnamed Spring          | SP   | Y    | 35.5353 | 118.6495 | KRN | Bodfish          | W            |              |                 |        |      |          |
| 224 | Democrat Hot Springs    | SP   | Y    | 35.5288 | 118.6668 | KRN | Bodfish          | 39.0         |              | 57              | F      | B    | 03/30/81 |
| 225 | Yates Hot Springs       | SP   | Y    | 35.4330 | 118.4788 | KRN | Bodfish          | 38.0         |              | 30              |        |      |          |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|----------|
| 226 | Well 26S/39E-19Q1 M      | WM   | Y    | 35.6525 | 117.8197 | KRN | Inyokem         | 31.0         | 112.0        |                 |        |     |          |
| 227 | Well 26S/39E-24P1 M      | WM   | Y    | 35.6528 | 117.7313 | KRN | Ridgecrest      | 34.0         | 252.0        |                 |        |     |          |
| 228 | Well 26S/40E-22P1 M      | WM   | Y    | 35.6533 | 117.6633 | KRN | Ridgecrest      | 32.0         | 253.0        |                 |        |     |          |
| 229 | Well 27S/40E-7G1 M       | WM   | Y    | 35.6033 | 117.7117 | KRN | Ridgecrest      | 30.0         | 125.0        |                 |        |     |          |
| 230 | Warm Spring              | SP   | Y    | 35.1475 | 118.7830 | KRN | Arvin           | W            |              |                 |        |     |          |
| 231 | Well 28S/27E-7C2 M       | WM   | Y    | 35.5133 | 119.1083 | KRN | Oildale         | 29.0         |              |                 |        |     |          |
| 232 | Mize Spring              | SP   | Y    | 35.4833 | 119.9167 | KRN | W. Kern Co.     | 23.0         |              |                 |        |     |          |
| 233 | Carneros Spring          | SP   | Y    | 35.4388 | 119.8463 | KRN | W. Kern Co.     | 32.0         |              | 189             |        |     |          |
| 234 | Unnamed Spring           | SP   | Y    | 35.3667 | 119.7213 | KRN | W. Kern Co.     | 34.0         |              |                 |        |     |          |
| 235 | Well 26S/40E-30K2 M      | WM   | Y    | 35.6433 | 117.7132 | KRN | Ridgecrest      | 30.0         | 244.0        | 5000            | P      | A   | 05/13/81 |
| 236 | Placer Claim Springs     | SP   | Y    | 35.5777 | 118.5493 | KRN | Bodfish         | 40.0         |              | 10              | F      | B   | 03/31/81 |
| 237 | Crabtree Hot Springs     | SP   | N    | 39.2908 | 122.8217 | LAK | Bartlet Springs | 41.0         |              | 76              |        |     |          |
| 238 | Unnamed Spring           | SP   | Y    | 39.2000 | 122.7250 | LAK | Bartlet Springs | 32.0         |              | 19              |        |     |          |
| 239 | Newman Springs           | SP   | Y    | 39.1980 | 122.7143 | LAK | Bartlet Springs | 33.0         |              | 94              |        |     |          |
| 240 | Newman Spring            | SP   | N    | 39.1980 | 122.7143 | LAK | Clear Lake      | 29.5         |              | 60              | F      | I   | 03/12/91 |
| 241 | Complexion Spring        | SP   | N    | 39.1703 | 122.5125 | LAK | Clear Lake      | 8.9          |              |                 | F      | I   | 03/09/91 |
| 242 | Chalk Mt. Spring         | SP   | N    | 39.0722 | 122.5833 | LAK | Clear Lake      | 16.1         |              |                 | F      | I   | 03/09/91 |
| 243 | Unnamed Spring           | SP   | Y    | 39.0550 | 122.5933 | LAK | Clear Lake      | 21.0         |              |                 |        |     |          |
| 244 | Hog Hollow Spring        | SP   | Y    | 39.0233 | 122.5917 | LAK | Clear Lake      | 30.0         |              | 8               |        | I   | 03/07/91 |
| 245 | Grizzly Spring           | SP   | N    | 39.0017 | 122.4983 | LAK | Clear Lake      | 19.4         |              | 6               | F      | I   | 03/09/91 |
| 246 | Sulphur Bank Wells       | X    | Y    | 39.0038 | 122.6613 | LAK | Clear Lake      | 99.0         | 424.0        |                 |        |     |          |
| 247 | Sulphur Bank Hot Springs | SP   | Y    | 39.0033 | 122.6633 | LAK | Clear Lake      | 70.0         |              | 1               |        |     |          |
| 248 | Unnamed Springs          | SP   | Y    | 38.9858 | 122.7358 | LAK | Clear Lake      | 38.0         |              | 19              |        |     |          |
| 249 | Kettenhofen 1 Well       | X    | Y    | 38.9492 | 122.7517 | LAK | Clear Lake      | 187.0        | 2385.0       |                 |        |     |          |
| 250 | Big Soda Spring          | SP   | Y    | 39.0080 | 122.7872 | LAK | Clear Lake      | 32.0         |              | 500             |        |     |          |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA        | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE     | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|-------------|--------------|--------------|-----------------|--------|---------|----------|
| 251 | Lake Co., "Ag Park" 1     | CLT  | Y    | 38.9357 | 122.7588 | LAK | Kelseyville | 61.7         | 492.3        |                 | P      | C, G, H |          |
| 252 | Lake Co., "Ag Park" 2     | CLT  | N    | 38.9339 | 122.7603 | LAK | Kelseyville | 57.2         | 180.4        |                 | P      | C, G, H |          |
| 253 | Lake Co., "Ag Park" 3     | CLT  | N    | 38.9320 | 122.7597 | LAK | Kelseyville | 63.9         | 148.7        |                 | P      | C, G, H |          |
| 254 | Unnamed Well              | WW   | Y    | 38.9783 | 122.8333 | LAK | Clear Lake  | 24.0         |              | 38              |        |         |          |
| 255 | Highland Springs          | SP   | Y    | 38.9377 | 122.9078 | LAK | Clear Lake  | 28.0         |              | 15              |        |         |          |
| 256 | England Springs           | SP   | Y    | 38.8967 | 122.8817 | LAK | Clear Lake  | 24.0         |              | 30              |        |         |          |
| 257 | Agricultural Park #3 Well | CLT  | Y    | 38.9250 | 122.7567 | LAK | Clear Lake  | 65.7         |              | 400             | P      | G       | 03/08/91 |
| 258 | Carlsbad Spring           | SP   | Y    | 38.9180 | 122.7978 | LAK | Clear Lake  | 26.0         |              | 12              |        |         |          |
| 259 | Sullivan 1 Well           | X    | Y    | 38.8853 | 122.7917 | LAK | Clear Lake  | 82.0         | 1872.0       |                 |        |         |          |
| 260 | Gordon Hot Spring         | SP   | N    | 38.8350 | 122.7308 | LAK | Clear Lake  | 34.6         |              |                 | F      | I       | 03/11/91 |
| 261 | Seigler Hot Springs       | SP   | Y    | 38.8760 | 122.6880 | LAK | Clear Lake  | 52.0         |              | 28              |        |         |          |
| 262 | Howard Hot Springs        | SP   | N    | 38.8583 | 122.6733 | LAK | Clear Lake  | 46.3         |              | 55              | F      | B       | 03/13/91 |
| 263 | Ettawa Springs            | SP   | Y    | 38.8500 | 122.6900 | LAK | Clear Lake  | 21.7         |              | 2               |        | I       | 03/08/91 |
| 264 | Pine Cone Spring          | SP   | N    | 38.8500 | 122.6900 | LAK | Clear Lake  | 27.0         |              |                 |        | I       |          |
| 265 | Sulfur Creek Spring       | SP   | Y    | 38.8617 | 122.7567 | LAK | Clear Lake  | 21.0         |              |                 | F      | I       | 03/11/91 |
| 266 | Spiers Spring             | SP   | N    | 38.8375 | 122.6517 | LAK | Clear Lake  | 24.2         |              | 15              | F      | I       | 03/08/91 |
| 267 | Anderson Springs          | SP   | N    | 38.7750 | 122.7333 | LAK | The Geysers | 49.4         |              | 2               | F      | I       | 03/11/91 |
| 268 | Harbin Springs            | SP   | Y    | 38.7887 | 122.6563 | LAK | Middletown  | 48.0         |              | 30              |        |         |          |
| 269 | Castle Rock Springs       | SP   | Y    | 38.7708 | 122.7162 | LAK | Middletown  | 73.0         |              | 38              |        |         |          |
| 270 | Baker Soda Spring         | SP   | N    | 38.8920 | 122.5320 | LAK | Clear Lake  | 21.3         |              | 3               |        |         | 03/07/91 |
| 271 | Bare Ranch Spring         | SP   | Y    | 41.1667 | 120.0333 | LAS | Eagleville  | 32.0         |              | 19              |        |         |          |
| 272 | Warm Spring               | SP   | Y    | 41.1625 | 120.4038 | LAS | Likely      | 21.0         |              | 21              |        |         |          |
| 273 | Kellog Hot Springs        | SP   | N    | 41.1275 | 121.0250 | LAS | Bieber      | 90.0         |              | 15              |        |         |          |
| 274 | Bassett Hot Springs       | SP   | N    | 41.1450 | 121.1108 | LAS | Bieber      | 79.0         |              | 200             |        | A, B    | 10/06/81 |
| 275 | Unnamed Springs           | SP   | Y    | 41.0133 | 121.2725 | LAS | Pittville   | W            |              |                 |        |         |          |

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|-----|---------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|------|
| 276 | Roosevelt Pool Well       | X    | Y    | 40.4092 | 120.6622 | LAS | Susanville         | 38.0         |              |                 |        |     |      |
| 277 | Church of L.D.S. Well     | WW   | Y    | 40.4063 | 120.6600 | LAS | Susanville         | 49.0         | 172.0        | 800             |        |     |      |
| 278 | Wirth Well No. 1          | WW   | Y    | 40.4072 | 120.6540 | LAS | Susanville         | 49.0         | 42.0         |                 |        |     |      |
| 279 | N. State Growers Well     | WW   | Y    | 40.4047 | 120.6563 | LAS | Susanville         | 61.0         | 190.0        |                 |        |     |      |
| 280 | N. No. 1 Well             | WW   | Y    | 40.4087 | 120.6587 | LAS | Susanville         | 63.0         |              |                 |        |     |      |
| 281 | Lassen Lumber & Box 2 (W) | X    | Y    | 40.4013 | 120.6475 | LAS | Susanville         | 37.0         |              |                 |        |     |      |
| 282 | Eagle Lake Lumber Well    | WW   | Y    | 40.4033 | 120.6317 | LAS | Susanville         | 27.0         |              |                 |        |     |      |
| 283 | Unnamed Well              | WW   | Y    | 40.4133 | 120.6583 | LAS | Susanville         | 53.0         |              |                 |        |     |      |
| 284 | "Davis" 2                 | NLT  | N    | 40.4110 | 120.6606 | LAS | Susanville         | 76.7         | 140.2        | 1514            |        |     |      |
| 285 | "Susan" 1                 | CLT  | N    | 40.4125 | 120.6651 | LAS | Susanville         | 78.9         | 283.5        | 1325            |        |     |      |
| 286 | Tsuji Nursery "TNI" 2 (W) | CLT  | N    | 40.4070 | 120.6579 | LAS | Susanville         | 68.3         | 184.5        | 2305            |        |     |      |
| 287 | "Johnston" 1              | CLT  | Y    | 40.4030 | 120.4863 | LAS | Litchfield         | 79.4         | 434.1        | 3956            | P      | C   |      |
| 288 | "Johnston" 2              | CLT  | Y    | 40.4027 | 120.4896 | LAS | Litchfield         | 63.3         | 443.9        |                 | P      | C   |      |
| 289 | Well 30N/13E-31R1 M       | WW   | Y    | 40.4083 | 120.5500 | LAS | Litchfield         | 26.0         |              |                 |        |     |      |
| 290 | Sellicks Springs          | SP   | Y    | 40.5667 | 120.3250 | LAS | E. Lassen Co.      | 22.0         |              | 3939            |        |     |      |
| 291 | Tipton Springs            | SP   | Y    | 40.5800 | 120.2650 | LAS | E. Lassen Co.      | 21.0         |              | 3496            |        |     |      |
| 292 | Well 29N/15E-16G1 M       | WW   | Y    | 40.3733 | 120.2933 | LAS | Wendel-Amedee KGRA | 27.0         |              |                 |        |     |      |
| 293 | Wendel Hot Springs        | SP   | Y    | 40.3558 | 120.2555 | LAS | Wendel-Amedee KGRA | 96.0         |              | 1200            |        |     |      |
| 294 | Magma Power Co. Wendel 1  | X    | Y    | 40.3583 | 120.2542 | LAS | Wendel-Amedee KGRA | 79.0         | 192.0        |                 |        |     |      |
| 295 | Southern Pacific RR Well  | WW   | Y    | 40.3420 | 120.2208 | LAS | Wendel-Amedee KGRA | 28.0         | 93.0         | 300             |        |     |      |
| 296 | Magma Power Amedee 1,2    | X    | Y    | 40.3000 | 120.1947 | LAS | Wendel-Amedee KGRA | 107.0        | 334.0        | 227             |        |     |      |
| 297 | Amedee Hot Springs        | SP   | Y    | 40.3042 | 120.1958 | LAS | Wendel-Amedee KGRA | 95.0         |              | 6840            |        |     |      |
| 298 | Well 28N/17E-20J1 M       | WW   | Y    | 40.2650 | 120.0750 | LAS | Wendel             | 27.0         |              |                 |        |     |      |
| 299 | High Rock Spring          | SP   | Y    | 40.2467 | 120.0068 | LAS | Wendel             | 30.0         |              | 1984            |        |     |      |
| 300 | Unnamed Spring            | SP   | Y    | 39.9800 | 120.0638 | LAS | Doyle              | 42.0         |              | 577             |        |     |      |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE     | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|-------------------|--------------|--------------|-----------------|--------|---------|----------|
| 301 | Zamboni Hot Springs      | SP   | Y    | 39.9195 | 120.0233 | LAS | Doyle             | 40.0         |              | 95              | F      | B, C, G | 05/02/82 |
| 302 | Warm Springs             | SP   | Y    | 34.6072 | 118.5622 | LAX | Castaic lake      | 33.0         |              | 76              |        |         |          |
| 303 | Well 6N/12W-13N1 S       | WW   | Y    | 34.6025 | 118.1083 | LAX | Lancaster         | 27.0         |              |                 |        |         |          |
| 304 | Well 4N/16W-1Q1 S        | WW   | Y    | 34.4542 | 118.5125 | LAX | Santa Clarita     | 28.0         |              |                 |        |         |          |
| 305 | Seminole Hot Sps. Well   | SW   | Y    | 34.1075 | 118.7908 | LAX | Seminole Hot Sps. | 46.0         | 915.0        | 15              |        |         |          |
| 306 | Well 1N/16W-14K1 S       | WW   | Y    | 34.1667 | 118.5250 | LAX | Encino            | 56.0         |              |                 |        |         |          |
| 307 | El Encino Springs        | SP   | Y    | 34.1592 | 118.4988 | LAX | Encino            | 26.0         |              | 17              |        |         |          |
| 308 | Bimini Hot Sps. Well     | SW   | Y    | 34.0692 | 118.2907 | LAX | Los Angeles       | 40.0         | 534.0        | 380             |        |         |          |
| 309 | Well 2S/14W-14C2 S       | WW   | Y    | 34.0183 | 118.3167 | LAX | Los Angeles       | 27.0         |              |                 |        |         |          |
| 310 | Well 1S/9W-1F1 S         | WW   | Y    | 34.1150 | 117.7800 | LAX | La Verne          | 36.0         |              |                 |        |         |          |
| 311 | Well 2S/11W-8N1 S        | WW   | Y    | 34.0050 | 118.0617 | LAX | Whittier          | 29.0         |              |                 |        |         |          |
| 312 | Alvarado Hot Sps. Well   | SW   | Y    | 33.9758 | 117.8863 | LAX | Hacienda Heights  | 44.0         | 1525.0       | 142             |        |         |          |
| 313 | Well 3S/11W-14W4 S       | WW   | Y    | 33.9125 | 117.9958 | LAX | East Whittier     | 34.0         |              |                 |        |         |          |
| 314 | Well 4S/13W-27N1 S       | WW   | Y    | 33.7917 | 118.2350 | LAX | Long Beach        | 28.0         |              |                 |        |         |          |
| 315 | Well 5S/13W-6D1 S        | WW   | Y    | 33.7750 | 118.2833 | LAX | Long Beach        | 31.0         |              |                 |        |         |          |
| 316 | Unnamed Spring           | SP   | Y    | 33.8017 | 118.4000 | LAX | Palos Verdes      | 25.0         |              |                 |        |         |          |
| 317 | Whites Point Hot Sps.    | SP   | Y    | 33.7150 | 118.3183 | LAX | San Pedro         | 46.0         |              |                 |        |         |          |
| 318 | Reds Meadow Hot Sps.     | SP   | Y    | 37.6183 | 119.0733 | MAD | Long Valley       | 46.0         |              | 50              |        |         |          |
| 319 | Rocky Point Springs      | SP   | Y    | 37.8858 | 122.6287 | MAR | Stinson Beach     | 32.0         |              | 8               |        |         |          |
| 320 | Jackson Valley Mud Sps.  | SP   | Y    | 39.6578 | 123.5870 | MEN | Laytonville       | 27.0         |              | 1               |        |         |          |
| 321 | Pinches Spring           | SP   | Y    | 39.6962 | 123.4825 | MEN | Laytonville       | 21.0         |              | 190             |        |         |          |
| 322 | Muir Springs             | SP   | Y    | 39.4288 | 123.3075 | MEN | Willits           | 20.0         |              |                 |        |         |          |
| 323 | Orrs Hot Springs         | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | 40.0         |              | 114             |        |         |          |
| 324 | Orr Hot Sps."Trilby Sp." | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | 28.0         |              |                 |        | B       | 09/21/93 |
| 325 | Orr Hot Sps."Pool Sp."   | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | 29.0         |              |                 |        | B       | 09/21/93 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE  | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|------|----------|
| 326 | Orr Hot Sps. Well         | SW   | Y    | 39.2298 | 123.3649 | MEN | Ukiah           | 39.0         | 1.5          |                 | F      | B    | 09/21/93 |
| 327 | Vichy Springs             | SP   | Y    | 39.1655 | 123.1562 | MEN | Ukiah           | 29.0         |              |                 |        | B, J | 08/13/90 |
| 328 | Cal-Dri Ice Co. Well      | WW   | Y    | 39.0050 | 123.1083 | MEN | Hopland         | W            | 241.0        |                 |        |      |          |
| 329 | Point Arena Hot Sps.      | SP   | Y    | 38.8772 | 123.5092 | MEN | Pt. Arena       | 44.0         |              | 19              |        |      |          |
| 330 | San Luis Forebay Sp.      | SP   | Y    | 37.0833 | 121.0417 | MER | San Luis Res.   | 21.0         |              |                 |        |      |          |
| 331 | Iridat Spring             | SP   | Y    | 36.7737 | 120.8990 | MER | Mercy Hot Sps.  | 23.0         |              | 76              |        |      |          |
| 332 | Unnamed Spring            | SP   | Y    | 36.7670 | 120.8995 | MER | Mercy Hot Sps.  | 27.0         |              | 38              |        |      |          |
| 333 | Warm Spring               | SP   | Y    | 41.9587 | 120.9428 | MOD | N. Modoc Co.    | W            |              |                 |        |      |          |
| 334 | Pothole Spring            | SP   | Y    | 41.8252 | 120.9153 | MOD | N. Modoc Co.    | 26.0         |              | 38              |        |      |          |
| 335 | Weidner Well              | WW   | Y    | 41.9478 | 120.3175 | MOD | Goose Lake Val. | 47.0         | 150.0        | 3000            | P      | E    | 10/08/80 |
| 336 | Fort Bidwell Hot Sp. Well | X    | N    | 41.8617 | 120.1592 | MOD | Fort Bidwell    | 45.0         |              | 400             |        |      |          |
| 337 | Fort Bidwell Geo. Well    | NLT  | Y    | 41.8617 | 120.1578 | MOD | Fort Bidwell    | 46.0         | 155.0        | 1512            | F      | I    | 05/29/82 |
| 338 | Well 46N/16E-31R1 M       | WW   | Y    | 41.8078 | 120.1708 | MOD | Fort Bidwell    | 28.0         | 13.0         |                 |        |      |          |
| 339 | Well 45N/16E-17M1 M       | WW   | Y    | 41.7667 | 120.1812 | MOD | Fort Bidwell    | 53.0         | 24.0         |                 |        |      |          |
| 340 | Well 44N/16E-6E2 M        | WW   | Y    | 41.7142 | 120.1975 | MOD | Lake City       | 25.0         | 137.0        |                 |        |      |          |
| 341 | Magma Energy Wells        | X    | Y    | 41.6718 | 120.2167 | MOD | Lake City       | 160.0        | 1508.0       | 1370            |        |      |          |
| 342 | Lake City Mud Volcano Sp. | SP   | Y    | 41.6680 | 120.2092 | MOD | Lake City       | 97.0         |              |                 |        |      |          |
| 343 | Hutchen's Well            | WW   | Y    | 41.5833 | 120.1700 | MOD | Cederville      | 48.0         | 124.0        |                 |        |      |          |
| 344 | Unnamed Well              | WW   | Y    | 41.5817 | 120.1792 | MOD | Cederville      | 69.0         | 194.0        | 570             |        |      |          |
| 345 | Robison Well              | WW   | Y    | 41.5658 | 120.1917 | MOD | Cederville      | 50.0         | 77.0         | 605             |        |      |          |
| 346 | Leonards Hot Sps. (West)  | SP   | Y    | 41.5987 | 120.0913 | MOD | Cederville      | 41.0         |              | 200             |        |      |          |
| 347 | Seyferth Hot Springs      | SP   | Y    | 41.6158 | 120.1033 | MOD | Cederville      | 85.0         |              | 500             |        |      |          |
| 348 | Leonards Hot Sps. (East)  | SP   | Y    | 41.6015 | 120.0850 | MOD | Cederville      | 62.0         |              | 150             |        |      |          |
| 349 | Surprise Val. Mnr. Well   | WW   | Y    | 41.5333 | 120.0773 | MOD | Cederville      | 86.0         |              | 100             | F      | B, C | 04/30/82 |
| 350 | Unnamed Spring            | SP   | Y    | 41.5297 | 120.0870 | MOD | Cederville      | 98.0         |              | 600             |        |      |          |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE   | DATE     |
|-----|----------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-------|----------|
| 351 | Bennac Hot Springs         | SP   | Y    | 41.5305 | 120.0822 | MOO | Cederville      | 98.0         |              | 700             |        |       |          |
| 352 | Menlo Baths Hot Springs    | SP   | Y    | 41.2658 | 120.0820 | MOO | Eagleville      | 56.0         |              | 95              | F      | I     | 04/30/82 |
| 353 | Unnamed Spring             | SP   | Y    | 41.2083 | 120.0542 | MOO | Eagleville      | 43.0         |              |                 |        |       |          |
| 354 | Unnamed Spring             | SP   | Y    | 41.2217 | 120.0667 | MOO | Eagleville      | 41.0         |              | 175             |        |       |          |
| 355 | Unnamed Spring             | SP   | Y    | 41.1917 | 120.3833 | MOO | Likely          | 77.0         |              | 12              |        |       |          |
| 356 | Unnamed Spring             | SP   | Y    | 41.1967 | 120.4708 | MOO | Likely          | W            |              |                 |        |       |          |
| 357 | Unnamed Spring             | SP   | Y    | 41.2532 | 120.5208 | MOO | Likely          | 24.0         |              |                 |        |       |          |
| 358 | New Williams R. Well       | WW   | Y    | 41.2683 | 120.5250 | MOO | Likely          | 29.0         | 62.0         | 150             |        |       |          |
| 359 | Van Loan Well              | WW   | Y    | 41.2617 | 120.5303 | MOO | Likely          | 44.0         | 30.0         | 175             | F      | A,E   | 10/09/80 |
| 360 | Unnamed Spring             | SP   | Y    | 41.3600 | 120.7233 | MOO | Alturas         | 27.0         |              | 380             |        |       |          |
| 361 | Unnamed Spring             | SP   | Y    | 41.4667 | 120.5250 | MOO | Alturas         | 22.0         |              | 4               |        |       |          |
| 362 | CA. Pines Lodge            | NLT  | Y    | 41.4090 | 120.6856 | MOO | Alturas         | 38.0         | 238.0        | 946             |        | B,C   |          |
| 363 | Modoc Sch. Dist., "AL" 1   | CLT  | Y    | 41.4917 | 120.5405 | MOO | Alturas         | 86.1         | 896.6        | 303             |        | C     | 03/26/91 |
| 364 | Alturas Elem. Sch., "AL" 2 | CLT  | Y    | 41.4901 | 120.5553 | MOO | Alturas         | 83.3         | 594.5        |                 |        | C     | 11/17/91 |
| 365 | Unnamed Spring             | SP   | Y    | 41.5417 | 120.5667 | MOO | Alturas         | 27.0         |              | 38              |        |       |          |
| 366 | Essex Springs              | SP   | Y    | 41.4928 | 120.6992 | MOO | Alturas         | 33.0         |              | 500             |        |       |          |
| 367 | SX Ranch Spring            | SP   | Y    | 41.4850 | 120.7635 | MOO | Canby           | 26.0         |              | 19              | F      | A,E,F | 04/29/82 |
| 368 | SX Ranch Well              | WW   | Y    | 41.5117 | 120.7775 | MOO | Canby           | 24.0         |              | 190             | F      | E     | 04/29/82 |
| 369 | Kelly Hot Spring           | SP   | Y    | 41.4540 | 120.8347 | MOO | Canby           | 92.0         |              | 1250            |        |       |          |
| 370 | Kelly Hot Sp. Ranch Well   | WW   | Y    | 41.4517 | 120.8350 | MOO | Canby           | 116.0        | 1035.0       |                 |        |       |          |
| 371 | "Canby School" 1           | TG   | Y    | 41.4566 | 120.8531 | MOO | Canby           | 37.0         | 206.0        | 1514            |        |       | 07/17/85 |
| 372 | Little Hot Spring          | SP   | Y    | 41.2305 | 121.4033 | MOO | Day             | 73.5         |              | 300             | F      | E     | 10/03/80 |
| 373 | Weidner Well               | WW   | Y    | 41.9478 | 120.3175 | MOO | Goose Lake Val. | 47.0         |              |                 |        |       |          |
| 374 | Unnamed Spring             | SP   | Y    | 38.6267 | 119.5042 | MON | Antelope Valley | W            |              |                 |        |       |          |
| 375 | Sierra E. Mobile Pk. Well  | WW   | Y    | 38.5250 | 119.4750 | MON | Antelope Valley | 35.0         |              |                 | P      |       | 09/27/80 |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                           |      |      |         |          |     |                 |              |              |                 |        |     |          |
|---------------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|----------|
| ID#                                                                 | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
| 376                                                                 | Unnamed Well              | WW   | Y    | 38.5333 | 119.4667 | MON | Antelope Valley | W            | 97.9         |                 |        |     |          |
| 377                                                                 | Fales Hot Springs         | SP   | Y    | 38.3505 | 119.4003 | MON | Fales Hot Sps.  | 61.0         |              | 1000            | F      | B   | 09/24/80 |
| 378                                                                 | Magma Power Co. Well      | X    | Y    | 38.3500 | 119.4000 | MON | Fales Hot Sps.  | 38.0         | 126.0        |                 |        |     |          |
| 379                                                                 | Buckeye Hot Springs       | SP   | Y    | 38.2392 | 119.3250 | MON | Bridgeport      | 60.0         |              | 400             |        |     |          |
| 380                                                                 | Travertine Hot Spring     | SP   | Y    | 38.2463 | 119.2042 | MON | Bridgeport      | 82.0         |              | 50              |        |     |          |
| 381                                                                 | The Hot Springs           | SP   | Y    | 38.2242 | 119.2145 | MON | Bridgeport      | 40.0         |              | 100             |        |     |          |
| 382                                                                 | Magma Power Co. Well      | X    | Y    | 38.2250 | 119.2125 | MON | Bridgeport      | 51.0         | 300.0        |                 |        |     |          |
| 383                                                                 | Warm Spring               | SP   | Y    | 38.2022 | 119.1207 | MON | Bridgeport      | 25.0         |              | 2               |        |     |          |
| 384                                                                 | Dechambeau Well           | SW   | Y    | 38.0500 | 119.0817 | MON | Mono Lake       | 66.0         | 287.0        | 20              | F      | I   | 05/24/82 |
| 385                                                                 | Unnamed Spring            | SP   | Y    | 38.0542 | 119.0633 | MON | Mono Lake       | 54.0         |              |                 |        |     |          |
| 386                                                                 | State PRC 4572.1 Well     | X    | Y    | 38.0245 | 119.0832 | MON | Mono Lake       | 58.0         | 743.0        |                 |        |     |          |
| 387                                                                 | Warm Springs              | SP   | Y    | 38.0330 | 118.9043 | MON | Mono Lake       | 31.0         |              | 76              |        |     |          |
| 388                                                                 | Unnamed Springs           | SP   | Y    | 37.9958 | 119.0233 | MON | Mono Lake       | 86.0         |              | 250             |        |     |          |
| 389                                                                 | State PRC 4397.1 Well     | X    | Y    | 37.9393 | 119.0302 | MON | Mono Lake       | 54.0         | 1220.0       |                 |        |     |          |
| 390                                                                 | Unnamed Spring            | SP   | Y    | 37.9400 | 119.0192 | MON | Mono Lake       | 42.0         |              | 4               |        |     |          |
| 391                                                                 | Unnamed Spring (Tunnel)   | SP   | Y    | 37.8358 | 119.0158 | MON | Mono Lake       | 36.0         |              |                 |        |     |          |
| 392                                                                 | Unnamed Fumaroles         | SP   | Y    | 37.6192 | 119.0278 | MON | Mammoth Lakes   | W            |              |                 |        |     |          |
| 393                                                                 | Casa Diablo Hot Springs   | SP   | Y    | 37.6458 | 118.9150 | MON | Mammoth Lakes   | 82.0         |              |                 |        |     |          |
| 394                                                                 | Magma Power Co. Wells     | X    | Y    | 37.6458 | 118.9167 | MON | Mammoth Lakes   | 177.0        | 324.0        |                 |        |     |          |
| 395                                                                 | Mammoth Lakes, "HLGRAP" 1 | CLT  | N    | 37.6511 | 118.9796 | MON | Mammoth Lakes   | 77.0         | 468.1        |                 |        |     |          |
| 396                                                                 | Mammoth Lakes, "HLGRAP" 2 | CLT  | N    | 37.6406 | 118.9642 | MON | Mammoth Lakes   | 74.0         | 490.7        |                 |        |     |          |
| 397                                                                 | Mammoth Lakes, "Ohwell" 1 | CLT  | Y    | 37.6359 | 118.9888 | MON | Mammoth Lakes   | 79.4         | 664.0        |                 |        |     |          |
| 398                                                                 | Hot Bubbling Pool         | SP   | Y    | 37.6470 | 118.8600 | MON | Mammoth Lakes   | 68.0         |              |                 | F      | I   | 05/26/82 |
| 399                                                                 | Little Hot Creek Sps.     | SP   | Y    | 37.6900 | 118.8400 | MON | Long Valley     | 82.0         |              | 717             |        |     |          |
| 400                                                                 | Hot Creek Springs         | SP   | Y    | 37.6645 | 118.8275 | MON | Long Valley     | 88.0         |              | 15000           |        |     |          |

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| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|-------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|----------|
| 401 | Unnamed Spring          | SP   | Y    | 37.7080 | 118.8133 | MON | Long Valley     | 38.0         |              |                 |        |     |          |
| 402 | Big Alkali Lake Sp.     | SP   | Y    | 37.6700 | 118.7815 | MON | Long Valley     | 57.0         |              | 75              | F      | I   | 05/26/82 |
| 403 | Whitmore Hot Springs    | SP   | Y    | 37.6308 | 118.8117 | MON | Long Valley     | 37.0         |              | 1560            |        |     |          |
| 404 | Unnamed Spring          | SP   | Y    | 37.6433 | 118.7575 | MON | Long Valley     | 41.0         |              | 150             |        |     |          |
| 405 | Unnamed Spring          | SP   | Y    | 37.6367 | 118.7242 | MON | Long Valley     | 28.0         |              |                 |        |     |          |
| 406 | Unnamed Springs         | SP   | Y    | 37.7192 | 118.7375 | MON | Long Valley     | 24.0         |              |                 |        |     |          |
| 407 | Benton Hot Springs      | SP   | Y    | 37.8008 | 118.5300 | MON | Benton Hot Sps. | 57.0         |              | 800             |        |     |          |
| 408 | Benton Indian Well      | WW   | Y    | 37.7963 | 118.5233 | MON | Benton Hot Sps. | 30.0         | 73.0         | 75              | P      | A   | 05/27/82 |
| 409 | Bertrand Ranch Springs  | SP   | Y    | 35.8917 | 118.4917 | MON | Benton          | 21.0         |              | 378             |        |     |          |
| 410 | Unnamed Spring          | SP   | Y    | 36.6183 | 121.8445 | MNT | Monterey        | 38.0         |              |                 |        |     |          |
| 411 | Unnamed Spring          | SP   | Y    | 36.3312 | 121.8428 | MNT | Big Sur         | 46.0         |              | 38              |        |     |          |
| 412 | Unnamed Spring          | SP   | Y    | 36.2500 | 121.6833 | MNT | Big Sur         |              |              |                 |        |     |          |
| 413 | Slates Hot Springs      | SP   | Y    | 36.1230 | 121.6353 | MNT | Big Sur         | 47.0         |              | 95              |        |     |          |
| 414 | Dolans Hot Springs      | SP   | Y    | 36.0837 | 121.5863 | MNT | Big Sur         | 37.0         |              | 114             |        |     |          |
| 415 | Tassajara Hot Springs   | SP   | Y    | 36.2337 | 121.5492 | MNT | Big Sur         | 60.0         |              | 189             | F      | B   | 12/09/81 |
| 416 | Paraiso Springs         | SP   | Y    | 36.3313 | 121.3675 | MNT | Soledad         | 43.0         |              | 57              | F      | B,E | 12/08/81 |
| 417 | Sulfur Spring           | SP   | Y    | 36.3313 | 121.3662 | MNT | Soledad         | 31.0         |              | 15              |        |     |          |
| 418 | Table Mountain (Spring) | SP   | Y    | 35.9083 | 120.3667 | MNT | Parkfield       | 30.0         |              |                 |        |     |          |
| 419 | Unnamed Spring          | SP   | Y    | 38.8333 | 122.3567 | NAP | Knoxville       | 22.0         |              | 189             |        |     |          |
| 420 | Aetna Springs           | SP   | Y    | 38.6522 | 122.4833 | NAP | Aetna Springs   | 33.0         |              | 40              |        |     |          |
| 421 | Calistoga Pwr. Co. Well | X    | Y    | 38.5955 | 122.6003 | NAP | Calistoga       | 138.0        | 350.0        |                 |        |     |          |
| 422 | Calistoga Hot Springs   | SW   | Y    | 38.5822 | 122.5728 | NAP | Calistoga       | 78.0         |              |                 |        |     |          |
| 423 | Well 8N/6W-4F1 M        | WW   | Y    | 38.5738 | 122.5322 | NAP | Calistoga       | 81.0         | 63.0         |                 |        |     |          |
| 424 | Phillips Soda Springs   | SP   | Y    | 38.5217 | 122.2608 | NAP | Lake Berryessa  | 24.0         |              | 38              |        |     |          |
| 425 | Napa Rock Soda Sps.     | SP   | Y    | 38.5187 | 122.2597 | NAP | Lake Berryessa  | 26.0         |              | 84              |        |     |          |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                            |      |      |         |          |     |             |              |              |                 |        |         |          |
|---------------------------------------------------------------------|----------------------------|------|------|---------|----------|-----|-------------|--------------|--------------|-----------------|--------|---------|----------|
| ID#                                                                 | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA        | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE     | DATE     |
| 426                                                                 | Well 8N/6W-25H2 M          | WW   | Y    | 38.5175 | 122.4700 | NAP | Napa Valley | 21.0         |              |                 |        |         |          |
| 427                                                                 | White sulfur Springs       | SP   | Y    | 38.4905 | 122.4967 | NAP | Napa Valley | 36.0         |              | 34              |        |         |          |
| 428                                                                 | Well 7N/5W-3M1 M           | WW   | Y    | 38.4850 | 122.4067 | NAP | Napa Valley | 25.0         | 184.0        |                 |        |         |          |
| 429                                                                 | Well 7N/5W-15A1 M          | WW   | Y    | 38.4633 | 122.3942 | NAP | Napa Valley | 21.0         | 93.0         |                 |        |         |          |
| 430                                                                 | Well 7N/5W-14G1 M          | WW   | Y    | 38.4592 | 122.3808 | NAP | Napa Valley | 21.0         | 70.0         |                 |        |         |          |
| 431                                                                 | Well 7N/5W-26D1 M          | WW   | Y    | 38.4342 | 122.3908 | NAP | Napa Valley | 27.0         | 5.0          |                 |        |         |          |
| 432                                                                 | Well 7N/5W-26E1 M          | WW   | Y    | 38.4308 | 122.3892 | NAP | Napa Valley | 30.0         | 17.0         |                 |        |         |          |
| 433                                                                 | Napa Vichy Springs         | SP   | Y    | 38.3388 | 122.2592 | NAP | Napa Valley | 24.0         |              | 4               |        |         |          |
| 434                                                                 | Well 6N/4W-23J1 M          | WW   | Y    | 38.3500 | 122.2650 | NAP | Napa Valley | 29.0         | 184.0        | 184             |        |         |          |
| 435                                                                 | Unnamed Spring             | SP   | Y    | 38.3208 | 122.2708 | NAP | Napa Valley | 28.0         |              |                 |        |         |          |
| 436                                                                 | Well 6N/4W-24M1 M          | WW   | Y    | 38.3508 | 122.2600 | NAP | Napa Valley | 24.0         |              |                 |        |         |          |
| 437                                                                 | Wine Val. Inn, "Wilson" 1  | CLT  | N    | 38.5778 | 122.5774 | NAP | Calistoga   | 49.0         | 101.5        | 114             |        |         |          |
| 438                                                                 | Calis. Sch. Dist., "CHS" 1 | CLT  | N    | 38.5835 | 122.5792 | NAP | Calistoga   | W            | 106.7        | 284             |        | C, H    |          |
| 439                                                                 | "Roman Spa" 1              | CLT  | N    | 38.5779 | 122.5775 | NAP | Calistoga   | 71.1         | 64.0         | 95              |        |         |          |
| 440                                                                 | City Calistoga, "Calis" 1  | INJ  | N    | 38.5782 | 122.5794 | NAP | Calistoga   | 84.4         | 173.5        | 276             |        | I       |          |
| 441                                                                 | "Village Inn" 1            | CLT  | N    | 38.5779 | 122.5778 | NAP | Calistoga   | 60.0         | 89.6         | 114             |        |         |          |
| 442                                                                 | Calis. Sch. Dist., "CHS" 2 | CLT  | N    | 38.5827 | 122.5787 | NAP | Calistoga   | 82.2         | 80.0         | 76              |        |         |          |
| 443                                                                 | Napa V.S.M.W.Co., "Fox" 3  | CLT  | N    | 38.5818 | 122.5777 | NAP | Calistoga   | W            | 91.4         |                 |        | J       |          |
| 444                                                                 | "GDHS" 1                   | CLT  | N    | 38.5776 | 122.5731 | NAP | Calistoga   | W            |              |                 |        |         |          |
| 445                                                                 | Calistoga M.W.Co., "GMW" 3 | CLT  | N    | 38.5855 | 122.5743 | NAP | Calistoga   | W            | 99.4         |                 |        | J       |          |
| 446                                                                 | Golden Haven Spa           | WW   | N    | 38.5858 | 122.5797 | NAP | Calistoga   | 91.0         | 91.4         | 190             | P      | A, B, C | 03/12/80 |
| 447                                                                 | Golden Haven Spa           | WW   | N    | 38.5855 | 122.5792 | NAP | Calistoga   | 31.0         | 27.0         | 19              | P      | A       | 03/12/80 |
| 448                                                                 | Unnamed Well               | WW   | N    | 38.6005 | 122.6073 | NAP | Calistoga   | 25.0         | 54.9         | 76              | P      | A       | 03/12/80 |
| 449                                                                 | Unnamed Well               | WW   | N    | 38.5970 | 122.6007 | NAP | Calistoga   | 135.0        | 57.9         |                 | H      | A, C    | 03/13/80 |
| 450                                                                 | Unnamed Well               | WW   | N    | 38.5962 | 122.6022 | NAP | Calistoga   | 42.0         | 14.0         | 132             | P      | A       | 03/13/80 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME          | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|----------------------|------|------|---------|----------|-----|-----------|--------------|--------------|-----------------|--------|-----|----------|
| 451 | "Godward" 1          | EST  | N    | 38.5938 | 122.6015 | NAP | Calistoga | 81.0         | 65.2         |                 | F      | I   | 03/13/80 |
| 452 | Unnamed Well         | WW   | N    | 38.5945 | 122.6022 | NAP | Calistoga | 81.0         | 60.4         |                 | H      | A,G | 03/13/80 |
| 453 | Unnamed Well         | WW   | N    | 38.5913 | 122.6053 | NAP | Calistoga | 20.0         | 25.9         | 68              | P      | A   | 03/13/80 |
| 454 | Unnamed Well         | WW   | N    | 38.5893 | 122.6032 | NAP | Calistoga | 20.0         | 0.0          |                 | P      | E   | 03/13/80 |
| 455 | Unnamed Well         | WW   | N    | 38.6012 | 122.5978 | NAP | Calistoga | 37.0         | 121.9        |                 | P      | A   | 03/14/80 |
| 456 | Unnamed Well         | WW   | N    | 38.5965 | 122.5992 | NAP | Calistoga | 65.0         | 30.5         |                 | F      | G   | 03/18/80 |
| 457 | Unnamed Well         | WW   | N    | 38.5962 | 122.5990 | NAP | Calistoga | 116.0        | 58.8         |                 | F      | A   | 03/18/80 |
| 458 | Unnamed Well         | WW   | N    | 38.5960 | 122.5990 | NAP | Calistoga | 97.9         | 45.7         |                 | F      | A   | 03/18/80 |
| 459 | Unnamed Well         | WW   | N    | 38.5948 | 122.5967 | NAP | Calistoga | 47.0         | 0.0          | 19              | P      | A,B | 03/18/80 |
| 460 | Unnamed Well         | WW   | N    | 38.5922 | 122.5948 | NAP | Calistoga | 36.0         | 61.0         |                 | F      | A   | 03/18/80 |
| 461 | Unnamed Well         | WW   | N    | 38.5937 | 122.5945 | NAP | Calistoga | 23.0         | 9.4          |                 | P      | A   | 03/18/80 |
| 462 | Unnamed Well         | WW   | N    | 38.5917 | 122.5942 | NAP | Calistoga | 25.0         | 24.4         |                 | P      | A   | 03/18/80 |
| 463 | Unnamed Well         | WW   | N    | 38.5930 | 122.5945 | NAP | Calistoga | 21.0         | 9.1          |                 | P      | A   | 03/18/80 |
| 464 | Well 9N/7N-26 M      | WW   | N    | 38.5937 | 122.5950 | NAP | Calistoga | 21.0         | 12.2         |                 | P      | A   | 03/18/80 |
| 465 | Unnamed Well         | WW   | N    | 38.5980 | 122.5833 | NAP | Calistoga | 21.0         | 36.6         | 30              | P      | A   | 03/19/80 |
| 466 | "Calvert" 1          | WW   | N    | 38.5965 | 122.5895 | NAP | Calistoga | 52.0         | 125.0        |                 | P      | A,B | 03/19/80 |
| 467 | Unnamed Well         | WW   | N    | 38.5920 | 122.5935 | NAP | Calistoga | 40.0         | 61.0         |                 | P      | B   | 03/19/80 |
| 468 | Unnamed Well         | WW   | N    | 38.5885 | 122.5958 | NAP | Calistoga | 24.0         | 45.7         |                 | P      | A   | 03/20/80 |
| 469 | Unnamed Well         | WW   | N    | 38.5895 | 122.5972 | NAP | Calistoga | 22.0         | 22.9         |                 | P      | A   | 03/20/80 |
| 470 | Napa Co. Fairgrounds | WW   | N    | 38.5843 | 122.5907 | NAP | Calistoga | 24.0         | 57.9         | 19              | P      | A   | 03/24/80 |
| 471 | Unnamed Well         | WW   | N    | 38.5875 | 122.5842 | NAP | Calistoga | 49.0         | 51.8         | 76              | P      | A   | 03/26/80 |
| 472 | "Turner" 1           | WW   | N    | 38.5893 | 122.5825 | NAP | Calistoga | 74.0         | 61.0         | 76              | H      | B   | 03/26/80 |
| 473 | "Turner" 2           | WW   | N    | 38.5892 | 122.5827 | NAP | Calistoga | 20.0         | 24.4         | 19              | P      | A   | 03/26/80 |
| 474 | Unnamed Well         | WW   | N    | 38.5900 | 122.5847 | NAP | Calistoga | 28.0         | 12.2         |                 | P      | A   | 03/26/80 |
| 475 | Well 9N/7N-36 M      | WW   | N    | 38.5907 | 122.5857 | NAP | Calistoga | 21.0         | 9.8          | 45              | P      | A   | 03/26/80 |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                           |      |      |         |          |     |           |              |              |                 |        |       |          |
|---------------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|-----------|--------------|--------------|-----------------|--------|-------|----------|
| ID#                                                                 | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE   | DATE     |
| 476                                                                 | Unnamed Well              | WW   | N    | 38.5908 | 122.5853 | NAP | Calistoga | 35.0         | 36.6         | 38              | P      | A     | 03/26/80 |
| 477                                                                 | Unnamed Well              | WW   | N    | 38.5928 | 122.5867 | NAP | Calistoga | 36.0         | 30.5         |                 | P      | A     | 03/26/80 |
| 478                                                                 | Unnamed Well              | WW   | N    | 38.5927 | 122.5828 | NAP | Calistoga | 44.0         | 0.0          |                 | P      | A     | 03/26/80 |
| 479                                                                 | Unnamed Well              | WW   | N    | 38.5758 | 122.5508 | NAP | Calistoga | 41.0         | 83.8         |                 | P      | A     | 03/27/80 |
| 480                                                                 | Unnamed Well              | WW   | N    | 38.6008 | 122.5822 | NAP | Calistoga | 20.5         | 36.6         | 38              | P      | A     | 03/27/80 |
| 481                                                                 | Unnamed Well              | WW   | N    | 38.5975 | 122.5813 | NAP | Calistoga | 25.0         | 33.5         |                 | P      | I     | 03/28/80 |
| 482                                                                 | Unnamed Well              | WW   | N    | 38.5825 | 122.5615 | NAP | Calistoga | 24.0         | 38.1         |                 | P      | E     | 03/28/80 |
| 483                                                                 | Unnamed Well              | WW   | N    | 38.5747 | 122.5592 | NAP | Calistoga | 26.0         | 121.9        | 11              | P      | E     | 03/28/80 |
| 484                                                                 | Unnamed Well              | WW   | N    | 38.5860 | 122.5620 | NAP | Calistoga | 22.0         | 42.4         |                 | P      | A     | 03/28/80 |
| 485                                                                 | Unnamed Well              | WW   | N    | 38.5847 | 122.5630 | NAP | Calistoga | 20.0         | 30.5         |                 | P      |       | 03/28/80 |
| 486                                                                 | Unnamed Well              | WW   | N    | 38.5913 | 122.5772 | NAP | Calistoga | 28.0         |              |                 | P      | A     | 03/28/80 |
| 487                                                                 | Unnamed Well              | WW   | N    | 38.5932 | 122.5957 | NAP | Calistoga | 33.0         | 61.0         | 114             | F      | B,E   | 03/28/80 |
| 488                                                                 | Nance's Hot Sps. Well     | WW   | N    | 38.5815 | 122.5763 | NAP | Calistoga | 93.0         | 67.1         |                 | P      | B     | 04/15/80 |
| 489                                                                 | Calistoga Spa Cold Well 2 | WW   | N    | 38.5783 | 122.5760 | NAP | Calistoga | 22.0         | 25.9         |                 | P      | A     | 04/15/80 |
| 490                                                                 | Calistoga Spa Hot Well 2  | WW   | N    | 38.5787 | 122.5752 | NAP | Calistoga | 60.0         | 42.7         |                 | P      | B     | 04/15/80 |
| 491                                                                 | Calistoga Spa Main Well   | WW   | N    | 38.5783 | 122.5753 | NAP | Calistoga | 85.0         | 71.6         |                 | P      | B     | 04/15/80 |
| 492                                                                 | Pacheteau Well            | SW   | Y    | 38.5822 | 122.5738 | NAP | Calistoga | 95.0         | 46.0         | 1968            |        |       |          |
| 493                                                                 | Pacheteau's "Well 1"      | WW   | N    | 38.5823 | 122.5740 | NAP | Calistoga | 95.0         | 46.3         | 750             | F      | B     | 04/15/80 |
| 494                                                                 | Pacheteau's "Well 2"      | WW   | N    | 38.5825 | 122.5738 | NAP | Calistoga | 96.0         | 50.0         | 750             | F      | B     | 04/15/80 |
| 495                                                                 | Pacheteau's "Well 3"      | WW   | N    | 38.5823 | 122.5737 | NAP | Calistoga | 94.0         | 54.3         |                 | F      | A,B,C | 04/15/80 |
| 496                                                                 | Dr. Wilkinson's Hot Sps.  | WW   | N    | 38.5803 | 122.5768 | NAP | Calistoga | 122.0        | 57.9         |                 | P      | B     | 04/15/80 |
| 497                                                                 | Unnamed Well              | WW   | N    | 38.5783 | 122.5742 | NAP | Calistoga | 25.0         | 56.4         |                 |        | A     | 04/16/80 |
| 498                                                                 | Unnamed Well              | WW   | N    | 38.5782 | 122.5753 | NAP | Calistoga | 66.0         | 55.5         |                 | P      | A     | 04/16/80 |
| 499                                                                 | Unnamed Well              | WW   | N    | 38.5773 | 122.5728 | NAP | Calistoga | 34.0         | 51.8         |                 | P      | A     | 04/16/80 |
| 500                                                                 | Unnamed Well              | WW   | N    | 38.5772 | 122.5735 | NAP | Calistoga | 45.0         |              |                 | P      | A     | 04/16/80 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|-----------|--------------|--------------|-----------------|--------|-----|----------|
| 501 | Roman Spa "Well 1"        | WW   | N    | 38.5792 | 122.5787 | NAP | Calistoga | 44.0         | 76.2         |                 | P      | B   | 04/16/80 |
| 502 | Roman Spa "Well 2"        | WW   | N    | 38.5792 | 122.5788 | NAP | Calistoga | 76.0         | 106.7        |                 | P      | B   | 04/16/80 |
| 503 | Unnamed Well              | WW   | N    | 38.5823 | 122.5758 | NAP | Calistoga | 60.0         | 21.3         |                 | P      | A   | 04/16/80 |
| 504 | Unnamed Well              | WW   | N    | 38.5810 | 122.5785 | NAP | Calistoga | 57.0         | 0.0          |                 |        | A   | 04/16/80 |
| 505 | Hiway Hot Sps. Well 1     | WW   | N    | 38.5825 | 122.5785 | NAP | Calistoga | 51.0         | 36.6         |                 | P      | A   | 04/16/80 |
| 506 | Hiway Hot Sps. Well 2     | WW   | N    | 38.5822 | 122.5793 | NAP | Calistoga | 28.0         | 10.7         |                 | P      | A   | 04/17/80 |
| 507 | Napa Val. Sps. Bottle Co. | WW   | N    | 38.5833 | 122.5757 | NAP | Calistoga | 104.0        | 63.1         | 49              | P      | J   | 04/17/80 |
| 508 | Unnamed Well              | WW   | N    | 38.5772 | 122.5742 | NAP | Calistoga | 30.0         | 0.0          |                 | P      | A   | 04/17/80 |
| 509 | Unnamed Well              | WW   | N    | 38.5775 | 122.5738 | NAP | Calistoga | 57.0         | 62.5         |                 | P      | A   | 04/18/80 |
| 510 | Mt. View Hotel            | WW   | N    | 38.5792 | 122.5780 | NAP | Calistoga | 85.0         | 70.1         |                 | P      | I   | 04/18/80 |
| 511 | Unnamed Well              | WW   | N    | 38.5750 | 122.5778 | NAP | Calistoga | 35.0         | 61.0         | 265             | P      | A   | 04/18/80 |
| 512 | Unnamed Well              | WW   | N    | 38.5827 | 122.5872 | NAP | Calistoga | 41.0         | 57.0         | 64              | P      | A   | 04/18/80 |
| 513 | Unnamed Well              | WW   | N    | 38.5850 | 122.5558 | NAP | Calistoga | 43.0         | 82.3         | 114             | P      | A   | 04/22/80 |
| 514 | Unnamed Well              | WW   | N    | 38.5747 | 122.5513 | NAP | Calistoga | 20.0         | 61.0         |                 |        |     | 04/22/80 |
| 515 | Unnamed Well              | WW   | N    | 38.5842 | 122.5548 | NAP | Calistoga | 27.0         | 74.7         |                 | P      | A   | 04/25/80 |
| 516 | Unnamed Well              | WW   | N    | 38.5840 | 122.5552 | NAP | Calistoga | 25.0         | 38.1         | 132             | P      | A   | 04/30/80 |
| 517 | Unnamed Well              | WW   | N    | 38.5665 | 122.5647 | NAP | Calistoga | 23.0         | 64.6         | 36              | P      | A   | 04/30/80 |
| 518 | Unnamed Well              | WW   | N    | 38.5725 | 122.5692 | NAP | Calistoga | 27.0         | 73.2         |                 | P      | A   | 04/30/80 |
| 519 | Unnamed Well              | WW   | N    | 38.5853 | 122.6010 | NAP | Calistoga | 21.0         | 0.0          |                 |        | E   | 05/01/80 |
| 520 | Unnamed Well              | WW   | N    | 38.5815 | 122.5962 | NAP | Calistoga | 20.0         | 64.6         | 95              | P      | A   | 05/02/80 |
| 521 | Unnamed Well              | WW   | N    | 38.5852 | 122.5998 | NAP | Calistoga | 20.0         | 16.8         |                 | P      |     | 05/02/80 |
| 522 | Unnamed Well              | WW   | N    | 38.5843 | 122.5545 | NAP | Calistoga | 30.0         | 77.7         | 261             | P      | A   | 05/07/80 |
| 523 | Unnamed Well              | WW   | N    | 38.5840 | 122.5543 | NAP | Calistoga | 28.0         | 70.1         | 61              | P      | A   | 05/07/80 |
| 524 | Unnamed Well              | WW   | N    | 38.5858 | 122.6040 | NAP | Calistoga | 20.0         | 91.4         | 45              | P      | E   | 05/08/80 |
| 525 | Unnamed Well              | WW   | N    | 38.5833 | 122.6067 | NAP | Calistoga | 35.0         | 131.1        | 95              | P      | A   | 05/08/80 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE   | DATE     |
|-----|-------------------------|------|------|---------|----------|-----|------------------|--------------|--------------|-----------------|--------|-------|----------|
| 526 | Unnamed Well            | WW   | N    | 38.5567 | 122.5237 | NAP | Calistoga        | 20.0         | 54.9         |                 | P      | A,E   | 05/08/80 |
| 527 | Unnamed Well            | WW   | N    | 38.5563 | 122.5222 | NAP | Calistoga        | 20.0         | 48.8         |                 | P      | A,E   | 05/08/80 |
| 528 | Unnamed Well            | WW   | N    | 38.5707 | 122.5142 | NAP | Calistoga        | 20.0         | 42.7         |                 | P      | A     | 05/09/80 |
| 529 | Unnamed Well            | WW   | N    | 38.5760 | 122.5167 | NAP | Calistoga        | 21.0         | 61.0         |                 | P      | A     | 05/09/80 |
| 530 | Unnamed Well            | WW   | N    | 38.5763 | 122.5187 | NAP | Calistoga        | 40.0         | 106.7        | 38              | P      | A     | 05/09/80 |
| 531 | Unnamed Well            | WW   | N    | 38.5938 | 122.6065 | NAP | Calistoga        | 22.0         | 146.3        | 132             | P      | A     | 05/10/80 |
| 532 | Unnamed Well            | WW   | N    | 38.5917 | 122.6110 | NAP | Calistoga        | 21.0         | 56.7         | 151             | P      |       | 05/10/80 |
| 533 | Unnamed Well            | WW   | N    | 38.5777 | 122.5257 | NAP | Calistoga        | 30.0         | 48.8         |                 | P      | A     | 05/16/80 |
| 534 | Unnamed Well            | WW   | N    | 38.5882 | 122.5803 | NAP | Calistoga        | 85.0         | 64.9         | 64              | P      | A     | 05/16/80 |
| 535 | Unnamed Well            | WW   | N    | 38.5878 | 122.5795 | NAP | Calistoga        | 55.0         | 86.9         | 26              | P      | A     | 05/16/80 |
| 536 | Unnamed Well            | WW   | N    | 38.5988 | 122.6075 | NAP | Calistoga        | 20.0         | 46.0         |                 | P      | A     | 05/21/80 |
| 537 | Unnamed Well            | WW   | N    | 38.5970 | 122.6158 | NAP | Calistoga        | 20.0         | 30.5         |                 | P      | A     | 05/22/80 |
| 538 | Unnamed Well            | WW   | N    | 38.5948 | 122.6145 | NAP | Calistoga        | 20.0         | 33.5         | 95              | P      | A     | 05/22/80 |
| 539 | Unnamed Well            | WW   | N    | 38.5943 | 122.6147 | NAP | Calistoga        | 20.0         | 30.5         | 57              | P      | E     | 05/23/80 |
| 540 | Unnamed Well            | WW   | N    | 38.5937 | 122.6128 | NAP | Calistoga        | 20.0         | 36.6         | 76              | P      | A     | 05/25/80 |
| 541 | Unnamed Well            | WW   | N    | 38.5503 | 122.5375 | NAP | Calistoga        | 22.0         | 73.2         |                 | P      | A     | 05/25/80 |
| 542 | Unnamed Well            | WW   | N    | 38.5620 | 122.5382 | NAP | Calistoga        | 20.0         | 79.2         |                 | P      | A     | 05/28/80 |
| 543 | Unnamed Well            | WW   | N    | 38.5887 | 122.5968 | NAP | Calistoga        | 33.0         | 64.0         |                 | F      | A,B,C | 05/29/80 |
| 544 | Unnamed Well            | WW   | N    | 38.5925 | 122.5920 | NAP | Calistoga        | 27.0         | 45.7         |                 | P      | A     | 05/30/80 |
| 545 | Unnamed Well            | WW   | N    | 38.5650 | 122.5355 | NAP | Calistoga        | 23.0         | 54.9         |                 | P      | A,E   | 06/01/80 |
| 546 | Unnamed Well            | WW   | N    | 38.5760 | 122.5295 | NAP | Calistoga        | 55.0         | 54.9         | 13              | P      | A     | 06/01/80 |
| 547 | La Vida Mnr. Sp. Well   | SW   | Y    | 33.9350 | 117.7917 | ORA | Yorba Linda      | 43.0         |              | 76              |        |       |          |
| 548 | Well 3S/9W-22C2 S       | WW   | Y    | 33.9025 | 117.8125 | ORA | Yorba Linda      | 73.0         |              |                 |        |       |          |
| 549 | Seguro No.1 Well        | X    | Y    | 33.6895 | 118.0062 | ORA | Huntington Beach | 218.0        | 2777.0       |                 |        |       |          |
| 550 | Obrien Porter No.2 Well | X    | Y    | 33.6842 | 117.9983 | ORA | Huntington Beach | H            |              |                 |        |       |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|---------------------|--------------|--------------|-----------------|--------|-----|----------|
| 551 | McCasden Well            | X    | Y    | 33.6688 | 118.0137 | ORA | Huntington Beach    | H            |              |                 |        |     |          |
| 552 | Beloil Davenport Well    | X    | Y    | 33.6750 | 117.9958 | ORA | Newport Beach       | H            |              |                 |        |     |          |
| 553 | Fairview Hot Sp. Well    | SW   | Y    | 33.6733 | 117.9183 | ORA | Newport Beach       | 36.0         |              | 57              |        |     |          |
| 554 | Well 5S/9W-34Q1 S        | WW   | Y    | 33.6883 | 117.8035 | ORA | Irvine              | 30.0         |              |                 |        |     |          |
| 555 | Well 7S/8W-16Q1 S        | WW   | Y    | 33.5567 | 117.7167 | ORA | San Juan Capistrano | 28.0         |              |                 |        |     |          |
| 556 | Unnamed Spring           | SP   | Y    | 33.5137 | 117.6043 | ORA | San Juan Capistrano | 35.0         |              |                 |        |     |          |
| 557 | San Juan Hot Springs     | SP   | Y    | 33.5890 | 117.5003 | ORA | San Juan Capistrano | 49.0         |              | 57              |        |     |          |
| 558 | Brockway Hot Springs     | SP   | Y    | 39.2273 | 120.0133 | PLA | N. Lake Tahoe       | 55.0         |              | 600             | F      | B   | 05/18/82 |
| 559 | Unnamed Spring           | SP   | Y    | 40.4425 | 121.4125 | PLU | Lassen              | 28.0         |              | 30              |        |     |          |
| 560 | Devil's Kitchen          | SP   | Y    | 40.4413 | 121.4333 | PLU | Lassen              | 95.0         |              |                 |        |     |          |
| 561 | Terminal Geyser          | SP   | Y    | 40.4213 | 121.3767 | PLU | Lassen              | 96.0         |              | 30              |        |     |          |
| 562 | Drake Hot Springs        | SP   | Y    | 40.4425 | 121.4025 | PLU | Lassen              | 66.0         |              | 76              |        |     |          |
| 563 | Boiling Springs Lake     | SP   | Y    | 40.4357 | 121.3967 | PLU | Lassen              | 88.0         |              |                 |        |     |          |
| 564 | Terminal Geyser Well     | X    | Y    | 40.4208 | 121.3767 | PLU | Lassen              | 129.0        | 387.0        |                 |        |     |          |
| 565 | Indian Valley Hot Sps.   | SP   | Y    | 40.1413 | 120.9337 | PLU | Greenville          | 41.0         |              | 30              |        |     |          |
| 566 | Indian Val. Hosp., GRN-1 | NLT  | Y    | 40.1441 | 120.9445 | PLU | Greenville          | 47.2         | 165.5        | 946             |        |     |          |
| 567 | Plumas Sch. Dist., GHS-1 | NLT  | Y    | 40.1397 | 120.9446 | PLU | Greenville          | 34.4         | 198.0        | 38              | F      |     |          |
| 568 | Warm Sps. at Twain       | SP   | Y    | 40.0187 | 121.0358 | PLU | Quincy              | 38.0         |              | 19              | F      | B   | 05/01/82 |
| 569 | White Sulfur Springs     | SP   | Y    | 39.7283 | 120.5475 | PLU | Portola             | 27.0         |              | 95              | F      | B,C | 05/02/82 |
| 570 | Marble Hot Wells         | WW   | Y    | 39.7565 | 120.3583 | PLU | Sierra Valley       | 73.0         | 109.0        | 95              | F      | B,E | 05/03/82 |
| 571 | Well 22N/14E-25H1 M      | WW   | Y    | 39.7310 | 120.3533 | PLU | Sierra Valley       | 38.0         | 7.0          | 40              |        |     |          |
| 572 | Well 22N/15E-17C3 M      | WW   | Y    | 39.7650 | 120.3242 | PLU | Sierra Valley       | 29.0         | 290.0        |                 |        |     |          |
| 573 | Well 23N/15E-36J2 M      | WW   | Y    | 39.8008 | 120.2408 | PLU | Sierra Valley       | 26.0         | 190.0        | 4               |        |     |          |
| 574 | Well 22N/15E-23C1 M      | WW   | Y    | 39.7500 | 120.2700 | PLU | Sierra Valley       | 28.0         | 232.0        |                 |        |     |          |
| 575 | Well 22N/15E-28L1 M      | WW   | Y    | 39.7292 | 120.3055 | PLU | Sierra Valley       | 32.0         |              |                 |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|-----------------------|------|------|---------|----------|-----|------------------|--------------|--------------|-----------------|--------|-----|----------|
| 576 | H. Hagge Well No.1    | WW   | Y    | 39.7217 | 120.3217 | PLU | Sierra Valley    | 40.0         |              | 3               |        |     |          |
| 577 | Well 22N/15E-32F1 M   | WW   | Y    | 39.7158 | 120.3242 | PLU | Sierra Valley    | 94.0         | 335.0        | 50              |        |     |          |
| 578 | Well 22N/15E-32R1 M   | WW   | Y    | 39.7092 | 120.3167 | PLU | Sierra Valley    | 52.0         | 274.0        |                 |        |     |          |
| 579 | Well 22N/15E-33M1 M   | WW   | Y    | 39.7153 | 120.3100 | PLU | Sierra Valley    | 32.0         |              |                 |        |     |          |
| 580 | Glen Ivy Hot Sp. Well | SW   | Y    | 33.7562 | 117.4945 | RIV | Glen Ivy Hot Sp. | 55.0         |              |                 |        |     |          |
| 581 | Well 3S/7W-11F1 S     | WW   | Y    | 33.9250 | 117.5875 | RIV | Norco            | 48.0         | 280.0        |                 |        |     |          |
| 582 | Well 3S/3W-2L1 S      | WW   | Y    | 33.9388 | 117.1650 | RIV | San Jacinto      | 27.0         |              |                 |        |     |          |
| 583 | Well 3S/2W-7P1 S      | WW   | Y    | 33.9200 | 117.1333 | RIV | San Jacinto      | 40.0         |              |                 |        |     |          |
| 584 | Highland Springs      | SP   | Y    | 33.9695 | 116.9417 | RIV | Banning          | 44.0         |              |                 |        |     |          |
| 585 | Eden Hot Springs      | SP   | Y    | 33.8967 | 117.0542 | RIV | San Jacinto      | 43.0         |              | 114             |        |     |          |
| 586 | Unnamed Spring        | SP   | Y    | 33.8658 | 117.0993 | RIV | San Jacinto      | W            |              |                 |        |     |          |
| 587 | Lakeview Hot Springs  | SP   | Y    | 33.8378 | 117.1445 | RIV | San Jacinto      | 38.0         |              |                 |        |     |          |
| 588 | Gilman Hot Springs    | SP   | Y    | 33.8350 | 116.9867 | RIV | San Jacinto      | 47.0         |              | 76              |        |     |          |
| 589 | Soboba Hot Springs    | SP   | Y    | 33.8008 | 116.9267 | RIV | San Jacinto      | 40.0         |              | 40              | F      | I   | 01/27/81 |
| 590 | Well 5S/1E-5M2 S      | WW   | Y    | 33.7633 | 116.9067 | RIV | San Jacinto      | 49.0         |              |                 |        |     |          |
| 591 | Well 5S/1W-16C1 S     | WW   | Y    | 33.7417 | 116.9917 | RIV | Hemet            | 39.0         |              |                 |        |     |          |
| 592 | Wrenden Hot Springs   | SP   | Y    | 33.6692 | 117.3275 | RIV | Lake Elsinore    | 48.0         |              |                 |        |     |          |
| 593 | Elsinore Hot Springs  | SW   | Y    | 33.6695 | 117.3287 | RIV | Lake Elsinore    | 45.0         |              | 8               | I      | B   | 07/02/81 |
| 594 | Lake Elsinore, "GW" 1 | CLT  | N    | 33.6691 | 117.3268 | RIV | Lake Elsinore    | W            | 150.0        |                 |        |     |          |
| 595 | Lake Elsinore, "GW" 2 | CLT  | N    | 33.6706 | 117.3251 | RIV | Lake Elsinore    | W            | 150.0        |                 |        |     |          |
| 596 | Lake Elsinore, "GW" 3 | CLT  | Y    | 33.6683 | 117.3281 | RIV | Lake Elsinore    | 29.5         | 183.0        |                 |        |     |          |
| 597 | Well 6S/2W-10D1 S     | WW   | Y    | 33.6705 | 117.0823 | RIV | Murrieta Springs | 37.0         | 34.0         |                 |        |     |          |
| 598 | Unnamed Well          | WW   | Y    | 33.6708 | 117.0637 | RIV | Murrieta Springs | 37.0         |              |                 |        |     |          |
| 599 | Well 5S/1W-32D1 S     | WW   | Y    | 33.6858 | 117.0022 | RIV | Murrieta Springs | 28.0         | 27.0         |                 |        |     |          |
| 600 | Well 6S/1W-4J2 S      | WW   | Y    | 33.6783 | 116.9795 | RIV | Murrieta Springs | 43.0         | 40.0         |                 |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE  | DATE     |
|-----|-----------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|------|----------|
| 601 | Well 6S/2W-10E1 S     | WW   | Y    | 33.6667 | 117.0828 | RIV | Murrieta Springs   | 49.0         | 6.0          |                 |        |      |          |
| 602 | Well 6S/2W-15D1 S     | WW   | Y    | 33.6555 | 117.0825 | RIV | Murrieta Springs   | 25.0         | 5.0          |                 |        |      |          |
| 603 | Well 6S/4W-34J2 S     | WW   | Y    | 33.6045 | 117.2753 | RIV | Lake Elsinore      | 40.0         | 43.0         |                 |        |      |          |
| 604 | Well 6S/4W-35D1 S     | WW   | Y    | 33.6122 | 117.2740 | RIV | Lake Elsinore      | 43.0         | 60.0         |                 |        |      |          |
| 605 | Tenecula Hot Springs  | SP   | Y    | 33.5533 | 117.1675 | RIV | Tenecula           | 47.0         |              |                 |        |      |          |
| 606 | Well 8S/3W-7D3 S      | WW   | Y    | 33.5033 | 117.2392 | RIV | Tenecula           | 29.0         |              |                 |        |      |          |
| 607 | Murrieta Hot Springs  | SP   | Y    | 33.5588 | 117.1572 | RIV | Murrieta Springs   | 54.0         |              |                 | F      | B    | 07/04/81 |
| 608 | Well 7S/2W-3M1 S      | WW   | Y    | 33.5838 | 117.0828 | RIV | Murrieta Springs   | 40.0         |              |                 |        |      |          |
| 609 | Well 7S/2W-2P2 S      | WW   | Y    | 33.5862 | 117.0573 | RIV | Murrieta Springs   | 37.0         |              |                 |        |      |          |
| 610 | Unnamed Spring        | SP   | Y    | 33.5417 | 116.7417 | RIV | Cahuilla           | W            |              |                 |        |      |          |
| 611 | Agua Caliente Spring  | SP   | Y    | 33.8250 | 116.5447 | RIV | Palm Springs       | 41.0         |              |                 |        | B, C | 06/30/81 |
| 612 | Unnamed Well          | WW   | Y    | 33.9083 | 116.3717 | RIV | Desert Hot Springs | 49.0         |              |                 |        |      |          |
| 613 | Unnamed Well          | WW   | Y    | 33.8992 | 116.3633 | RIV | Desert Hot Springs | 44.0         | 131.0        |                 |        |      |          |
| 614 | Well 5S/6E-24N2 S     | WW   | Y    | 33.7177 | 116.3165 | RIV | Indian Wells       | 28.0         | 109.0        |                 |        |      |          |
| 615 | Well 7S/9E-18M1 S     | WW   | Y    | 33.5617 | 116.0925 | RIV | N.W. Salton Sea    | 32.0         |              |                 |        |      |          |
| 616 | Well 8S/8E-10B1 S     | WW   | Y    | 33.4958 | 116.1375 | RIV | N.W. Salton Sea    | 33.0         |              |                 |        |      |          |
| 617 | Well 8S/8E-13Q1 S     | WW   | Y    | 33.4700 | 116.1033 | RIV | N.W. Salton Sea    | 32.0         |              |                 |        |      |          |
| 618 | Well 8S/9E-29Q1 S     | WW   | Y    | 33.4412 | 116.0692 | RIV | N.W. Salton Sea    | 43.0         |              |                 |        |      |          |
| 619 | Well 8S/9E-29R1 S     | WW   | Y    | 33.4408 | 116.0642 | RIV | N.W. Salton Sea    | 39.0         |              |                 |        |      |          |
| 620 | Dos Palmas Spring     | SP   | Y    | 33.5108 | 115.8262 | RIV | Dos Palmas Springs | 29.0         |              | 1136            |        |      |          |
| 621 | Aqua Farms, "Aqua" 1  | CLT  | N    | 33.5088 | 115.8315 | RIV | Dos Palmas Spring  | W            | 305.0        |                 |        |      |          |
| 622 | Aqua Farms, "Aqua" 2  | CLT  | N    | 33.5074 | 115.8303 | RIV | Dos Palmas Spring  | W            | 152.0        |                 |        |      |          |
| 623 | Aqua Farms, "Aqua" 3  | CLT  | Y    | 33.5074 | 115.8327 | RIV | Dos Palmas Spring  | W            | 64.6         |                 |        |      |          |
| 624 | Hunter's Spring Wells | WW   | Y    | 33.4883 | 115.7908 | RIV | Dos Palmas Spring  | 32.0         |              |                 |        |      |          |
| 625 | Canyon Spring         | SP   | Y    | 33.5452 | 115.6533 | RIV | Canyon Spring      | 36.0         |              |                 |        |      |          |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                           |      |      |         |          |     |                     |              |              |                 |        |     |          |
|---------------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|---------------------|--------------|--------------|-----------------|--------|-----|----------|
| ID#                                                                 | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
| 626                                                                 | Kaiser North Well         | X    | Y    | 33.9417 | 115.4167 | RIV | Eagle Mountain Mine | 29.0         |              |                 |        |     |          |
| 627                                                                 | Thurman Ragsdale Well     | WW   | Y    | 33.8250 | 115.4250 | RIV | Desert Center       | 40.0         | 183.0        |                 |        |     |          |
| 628                                                                 | Stanley Ragsdale Well     | WW   | Y    | 33.7125 | 115.4042 | RIV | Desert Center       | 33.0         | 183.0        |                 |        |     |          |
| 629                                                                 | Sunland Oil Well          | X    | Y    | 33.7058 | 115.4400 | RIV | Desert Center       | 30.0         | 198.0        |                 |        |     |          |
| 630                                                                 | Lazy C Trailer Park Well  | WW   | Y    | 33.7408 | 115.3700 | RIV | Desert Center       | 30.0         |              |                 |        |     |          |
| 631                                                                 | Cal Trans Well            | WW   | Y    | 33.7133 | 115.4082 | RIV | Desert Center       | 32.0         |              |                 | P      | A   | 01/25/82 |
| 632                                                                 | S.D. Trailer Park Well    | WW   | Y    | 33.7167 | 115.3958 | RIV | Desert Center       | 34.0         | 152.0        |                 |        |     |          |
| 633                                                                 | Morrison Well             | WW   | Y    | 33.7490 | 115.3560 | RIV | Desert Center       | 36.0         |              | 3780            | P      | E   | 01/25/82 |
| 634                                                                 | Desert Ctr. Airport Well  | WW   | Y    | 33.7533 | 115.3317 | RIV | Desert Center       | 30.0         | 69.0         |                 |        |     |          |
| 635                                                                 | Corn Spring               | SP   | Y    | 33.6250 | 115.3247 | RIV | Desert Center       | 22.0         |              |                 |        |     |          |
| 636                                                                 | McCoy Spring              | SP   | Y    | 33.7330 | 114.9067 | RIV | McCoy Spring        | 28.0         |              |                 |        |     |          |
| 637                                                                 | Wiley Well                | WW   | Y    | 33.6092 | 114.9017 | RIV | Wileys Well Rd.     | 48.0         | 518.0        |                 |        |     |          |
| 638                                                                 | L.C. Winters Well         | WW   | Y    | 33.6958 | 114.6767 | RIV | Blythe              | 31.0         | 116.0        |                 |        |     |          |
| 639                                                                 | Well 6S/22E-9p1 S         | WW   | Y    | 33.6625 | 114.6858 | RIV | Blythe              | 32.0         | 84.0         |                 |        |     |          |
| 640                                                                 | Well 6S/22E-20A1 S        | WW   | Y    | 33.6458 | 114.6942 | RIV | Blythe              | 31.0         | 84.0         |                 |        |     |          |
| 641                                                                 | Riverside Co. Airport (W) | WW   | Y    | 33.6117 | 114.7083 | RIV | Blythe              | 31.0         |              |                 |        |     |          |
| 642                                                                 | Mesa Verde Well           | WW   | Y    | 33.6167 | 114.7333 | RIV | Nicholls Warm Sps.  | 31.0         | 110.0        |                 |        |     |          |
| 643                                                                 | Nicholls Warm Sps. Well   | SW   | Y    | 33.6033 | 114.7278 | RIV | Nicholls Warm Sps.  | 33.0         | 195.0        |                 |        |     |          |
| 644                                                                 | Blythe-Mesa Verde Well    | SW   | Y    | 33.6020 | 114.7180 | RIV | Nicholls Warm Sps.  | 30.0         |              | 491             |        | A   | 01/24/82 |
| 645                                                                 | Basha # 3 Well            | X    | Y    | 33.5683 | 115.7458 | RIV | Blythe              | 45.0         | 417.0        |                 |        |     |          |
| 646                                                                 | Bill Passey Well          | WW   | Y    | 33.6042 | 115.6923 | RIV | Blythe              | 31.0         | 171.0        |                 |        |     |          |
| 647                                                                 | Basha # 1 Well            | X    | Y    | 33.6258 | 114.6800 | RIV | Blythe              | 31.0         |              | 8422            |        |     |          |
| 648                                                                 | E. Weeks Well             | WW   | Y    | 33.6467 | 114.6625 | RIV | Blythe              | 33.0         | 178.0        |                 |        |     |          |
| 649                                                                 | E. Fortner Well           | WW   | Y    | 33.6958 | 114.6583 | RIV | Blythe              | 31.0         | 123.0        |                 |        |     |          |
| 650                                                                 | Blythe-Julian Well        | WW   | Y    | 33.6948 | 114.6533 | RIV | Blythe              | 29.0         |              | 1890            | P      | A,E | 01/24/82 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|----------|
| 651 | Lucky 7 Well             | WW   | Y    | 33.9258 | 116.4408 | RIV | Desert Hot Springs | 93.0         | 101.0        |                 |        |     |          |
| 652 | "Pratt" 1                | NLT  | N    | 33.9248 | 116.4369 | RIV | Desert Hot Springs | W            | 77.0         |                 |        |     |          |
| 653 | "Mohansen" 1             | NLT  | N    | 33.9397 | 116.4650 | RIV | Desert Hot Springs | 30.6         | 113.4        |                 |        |     |          |
| 654 | "Sky Valley" No. 1       | NLT  | N    | 33.9242 | 116.4127 | RIV | Desert Hot Springs | 61.7         | 158.5        |                 |        |     |          |
| 655 | "Segal" 1                | NLT  | N    | 33.9363 | 116.4670 | RIV | Desert Hot Springs | W            | 100.6        | 57              |        |     |          |
| 656 | "Linda Vista Lodge" 1    | CLT  | Y    | 33.9480 | 116.4879 | RIV | Desert Hot Springs | 70.0         | 91.0         |                 |        |     |          |
| 657 | King Spa Well            | WW   | Y    | 33.4375 | 115.6900 | RIV | Hot Mineral Spa    | 79.0         | 106.0        |                 |        |     |          |
| 658 | New Pilger Hot Mnr. Well | WW   | Y    | 33.4275 | 115.6867 | RIV | Hot Mineral Spa    | 82.0         |              |                 |        |     |          |
| 659 | "Leiss" No. 1            | CLT  | N    | 33.4300 | 115.6899 | RIV | Hot Mineral Spa    | 63.0         | 164.6        |                 |        |     |          |
| 660 | "Leiss" No. 2            | CLT  | N    | 33.4286 | 115.6897 | RIV | Hot Mineral Spa    | 63.0         | 33.5         |                 |        |     |          |
| 661 | San Benito Mnr. Well     | WW   | Y    | 36.8155 | 121.3528 | SBT | Hollister          | 24.0         | 87.0         | 76              |        |     |          |
| 662 | Sulfur Springs           | SP   | Y    | 36.2945 | 120.9853 | SBT | Bitterwater        | 23.0         |              | 189             |        |     |          |
| 663 | M.H. Morris Well         | X    | Y    | 35.7750 | 117.3600 | SBD | Trona              | 30.0         |              |                 |        |     |          |
| 664 | Saratoga Spring          | SP   | Y    | 35.6818 | 116.4217 | SBD | Saratoga Spring    | 28.0         |              | 475             |        |     |          |
| 665 | Sheep Creek Spring       | SP   | Y    | 35.5892 | 116.3583 | SBD | Silver Lake        | 23.0         |              |                 |        |     |          |
| 666 | Magma Power Co. Well     | X    | Y    | 35.3843 | 117.5362 | SBD | Randsburg          | 96.0         | 236.0        |                 |        |     |          |
| 667 | Paradise Spring          | SP   | Y    | 35.1433 | 116.8137 | SBD | Fort Irwin         | 40.0         |              | 104             |        |     |          |
| 668 | Soda Station Sps.        | SP   | Y    | 35.1422 | 116.1050 | SBD | Barker             | 24.0         |              | 189             |        |     |          |
| 669 | Newberry Spring          | SP   | N    | 34.8263 | 116.6763 | SBD | Barstow            | 25.0         |              | 1192            | D      |     |          |
| 670 | Flamingo Well            | WW   | Y    | 34.9555 | 114.8388 | SBD | Needles            | 39.0         |              |                 |        |     |          |
| 671 | Unnamed Well             | WW   | Y    | 34.8417 | 114.9750 | SBD | Needles            | 33.0         | 317.0        |                 |        |     |          |
| 672 | Roy Lye Well No.1        | WW   | Y    | 34.0995 | 114.4500 | SBD | Vidal              | 27.0         |              | 2646            |        | E   | 01/22/82 |
| 673 | Well 1s/24E-10N1 S       | WW   | Y    | 34.0950 | 114.4533 | SBD | Vidal              | 30.0         | 101.0        |                 |        |     |          |
| 674 | Roy Lye Well No.2        | WW   | Y    | 34.0907 | 114.4628 | SBD | Vidal              | 30.0         |              | 1323            |        | E   | 01/22/82 |
| 675 | Well 1s/24E-1681 S       | WW   | Y    | 34.0917 | 114.4600 | SBD | Vidal              | 42.0         | 69.0         |                 |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|----------|
| 676 | Well 2N/7E-381 S          | WW   | Y    | 34.2937 | 116.2367 | SBD | Twentynine Palms   | 27.0         |              |                 |        |     |          |
| 677 | Well 1N/8E-2N1 S          | WW   | Y    | 34.1942 | 116.1217 | SBD | Twentynine Palms   | 53.0         |              |                 |        |     |          |
| 678 | Jewell Well               | WW   | Y    | 34.1798 | 116.0648 | SBD | Twentynine Palms   | 32.0         | 36.0         | 500             | P      | C   | 01/25/81 |
| 679 | Zuncich Well              | WW   | Y    | 34.1718 | 116.0987 | SBD | Twentynine Palms   | 39.0         | 120.0        | 800             | P      | A   | 01/25/81 |
| 680 | Well 1N/9E-29F1 S         | WW   | Y    | 34.1450 | 116.0633 | SBD | Twentynine Palms   | 48.0         |              |                 |        |     |          |
| 681 | Well 1N/9E-14C1 S         | WW   | Y    | 34.1783 | 116.0117 | SBD | Twentynine Palms   | 63.0         |              |                 |        |     |          |
| 682 | Well 1N/5E-12D1 S         | WW   | Y    | 34.1917 | 116.4192 | SBD | Yucca Valley       | 42.0         | 145.0        |                 |        |     |          |
| 683 | Pan Hot Spring            | SW   | Y    | 34.2717 | 116.8375 | SBD | Big Bear Lake      | 32.0         |              |                 | P      | B   | 11/14/80 |
| 684 | Unnamed Spring            | SP   | Y    | 34.3410 | 117.1690 | SBD | Lake Arrowhead     | 38.0         |              | 19              |        |     |          |
| 685 | Unnamed Spring            | SP   | Y    | 34.3392 | 117.1760 | SBD | Lake Arrowhead     | 42.0         |              | 19              |        |     |          |
| 686 | Tylers Bath (Spring)      | SP   | Y    | 34.2305 | 117.4838 | SBD | Lytle Creek        | 33.0         |              |                 |        |     |          |
| 687 | Waterman Hot Spring       | SP   | N    | 34.1892 | 117.2710 | SBD | San Bernardino     | 51.0         |              | 19              |        |     |          |
| 688 | Waterman Hot Springs      | SP   | Y    | 34.1892 | 117.2710 | SBD | San Bernardino     | 78.0         |              | 19              | F      | I   |          |
| 689 | Waterman Hot Springs (W)  | SW   | Y    | 34.1887 | 117.2710 | SBD | San Bernardino     | 81.0         |              | 150             | F      | I   | 04/22/81 |
| 690 | Arrowhead Hot Springs     | SP   | N    | 34.1870 | 117.2630 | SBD | Arrowhead Hot Sps. | 90.0         |              | 190             |        |     |          |
| 691 | Arrowhead Hot Springs (W) | SW   | Y    | 34.1870 | 117.2647 | SBD | Arrowhead Hot Sps. | 84.0         |              | 189             | F      |     | 04/22/81 |
| 692 | "Granite Hot Spring"      | SP   | N    | 34.1868 | 117.2645 | SBD | Arrowhead Hot Sps. | 81.0         |              | 38              | F      |     |          |
| 693 | "Penyugal Hot Spring"     | SP   | N    | 34.1872 | 117.2633 | SBD | Arrowhead Hot Sps. | 87.0         |              |                 | F      |     |          |
| 694 | "Palm Hot Spring"         | SP   | N    | 34.1870 | 117.2612 | SBD | Arrowhead Hot Sps. | 82.0         |              |                 | F      |     |          |
| 695 | "Mud Bath Well"           | SW   | Y    | 34.1870 | 117.2612 | SBD | Arrowhead Hot Sps. | 84.0         |              |                 | F      |     | 04/22/81 |
| 696 | "Hot Well"                | WW   | Y    | 34.1897 | 117.2610 | SBD | Arrowhead Hot Sps. | 29.0         |              |                 |        |     | 07/28/76 |
| 697 | Unnamed Springs           | SP   | Y    | 34.1220 | 117.0787 | SBD | Redlands           | 32.0         |              | 11              |        |     |          |
| 698 | Harlem Hot Springs Well   | SW   | N    | 34.1225 | 117.2247 | SBD | San Bernardino     | 49.0         |              |                 |        |     |          |
| 699 | Harlem Hot Sps.(R 385)    | SW   | N    | 34.1230 | 117.2247 | SBD | San Bernardino     | 46.0         | 91.0         |                 |        |     |          |
| 700 | Harlem Hot Springs Well   | SW   | Y    | 34.1230 | 117.2247 | SBD | San Bernardino     | 49.0         |              |                 |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|------------------------|------|------|---------|----------|-----|----------------|--------------|--------------|-----------------|--------|-----|----------|
| 701 | Well (State # E-53h)   | SW   | Y    | 34.1227 | 117.2245 | SBD | San Bernardino | 54.0         | 59.0         |                 |        |     |          |
| 702 | Well (State # E-50h)   | SW   | N    | 34.1227 | 117.2252 | SBD | San Bernardino | H            | 88.0         |                 |        |     |          |
| 703 | Well 1N/3W-32N3 S      | WW   | Y    | 34.1233 | 117.2250 | SBD | San Bernardino | 54.0         | 59.0         |                 |        |     |          |
| 704 | Well 1N/3W-33M1 S      | WW   | Y    | 34.1267 | 117.2050 | SBD | San Bernardino | 51.0         | 152.0        |                 |        |     |          |
| 705 | Urbita Hot Sps. Well   | SW   | N    | 34.0867 | 117.2958 | SBD | San Bernardino | 41.0         |              | 760             |        |     |          |
| 706 | Urbita Springs Well    | WW   | N    | 34.0875 | 117.2972 | SBD | San Bernardino | H            | 112.0        | 757             |        |     |          |
| 707 | Urbita Hot Sps. Wells  | WW   | Y    | 34.0868 | 117.2958 | SBD | San Bernardino | 41.0         |              |                 |        |     |          |
| 708 | Well 1S/4W-15L3 S      | WW   | Y    | 34.0833 | 117.2875 | SBD | San Bernardino | 41.0         |              |                 |        |     |          |
| 709 | Patton Hospital #14    | WW   | Y    | 34.1413 | 117.2203 | SBD | San Bernardino | 25.0         | 152.0        |                 | P      |     | 04/21/81 |
| 710 | Patton Hospital #10    | WW   | N    | 34.1372 | 117.2242 | SBD | San Bernardino | 22.0         | 128.0        |                 | P      |     |          |
| 711 | Patton Hospital #11    | WW   | N    | 34.1343 | 117.2207 | SBD | San Bernardino | 40.0         | 134.0        |                 | P      |     | 04/21/81 |
| 712 | Well (R 375)           | WW   | N    | 34.1355 | 117.2372 | SBD | San Bernardino | 22.0         | 140.0        |                 |        |     |          |
| 713 | Well 1N/3W-31L4 S      | WW   | N    | 34.1283 | 117.2343 | SBD | San Bernardino | H            | 30.0         |                 |        |     |          |
| 714 | Patton Hospital #9     | WW   | Y    | 34.1268 | 117.2343 | SBD | San Bernardino | 36.0         | 140.0        |                 |        |     | 12/10/71 |
| 715 | Well (R 361)           | WW   | N    | 34.1232 | 117.2280 | SBD | San Bernardino | 30.0         | 21.0         |                 |        |     |          |
| 716 | Well (State # E-50m)   | WW   | Y    | 34.1222 | 117.2287 | SBD | San Bernardino | 52.0         | 61.0         |                 |        |     |          |
| 717 | Base Line Laundry Well | WW   | Y    | 34.1225 | 117.2322 | SBD | San Bernardino | 28.0         |              |                 | P      | A   | 04/22/81 |
| 718 | Well 1S/3W-6C3 S       | WW   | N    | 34.1208 | 117.2350 | SBD | San Bernardino | 43.0         | 42.0         |                 |        |     |          |
| 719 | Well (R 327)           | WW   | N    | 34.1208 | 117.2442 | SBD | San Bernardino | 27.0         | 56.0         |                 |        |     |          |
| 720 | Well (R 328)           | WW   | N    | 34.1203 | 117.2433 | SBD | San Bernardino | 24.0         | 52.0         |                 |        |     |          |
| 721 | Well (R 329)           | WW   | N    | 34.1187 | 117.2427 | SBD | San Bernardino | 22.0         | 70.0         |                 |        |     |          |
| 722 | Well (R 330)           | WW   | N    | 34.1172 | 117.2427 | SBD | San Bernardino | 20.0         | 45.7         |                 |        |     |          |
| 723 | E.S.B.C.W.D. No.6      | WW   | N    | 34.1218 | 117.2492 | SBD | San Bernardino | 41.0         | 212.0        |                 |        |     |          |
| 724 | "Bone Yard Well"       | WW   | Y    | 34.1187 | 117.2487 | SBD | San Bernardino | 49.5         | 216.0        |                 |        |     |          |
| 725 | "Palm Well #1"         | WW   | N    | 34.1252 | 117.2073 | SBD | San Bernardino | 31.0         | 152.0        |                 |        |     | 01/31/72 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|----------------|--------------|--------------|-----------------|--------|-----|----------|
| 726 | Well 1S/3W-4C1 S         | WW   | N    | 34.1210 | 117.1998 | SBD | San Bernardino | 23.0         | 134.0        |                 |        |     |          |
| 727 | Dunkirk #1               | WW   | N    | 34.1172 | 117.1990 | SBD | San Bernardino | 21.0         | 124.0        |                 | P      |     | 01/28/75 |
| 728 | Dunkirk #2               | WW   | N    | 34.1170 | 117.1993 | SBD | San Bernardino | 21.0         | 119.0        |                 | P      |     | 01/28/75 |
| 729 | Well 1S/4W-803 S         | WW   | N    | 34.0942 | 117.3178 | SBD | San Bernardino | W            | 137.0        |                 |        |     |          |
| 730 | Well 1S/4W-8R2 S         | WW   | N    | 34.0948 | 117.3167 | SBD | San Bernardino | W            | 133.0        |                 |        |     |          |
| 731 | Well (R 297)             | WW   | N    | 34.0925 | 117.3123 | SBD | San Bernardino | 32.0         | 137.5        |                 | F      |     |          |
| 732 | Colton #12               | WW   | Y    | 34.0927 | 117.3125 | SBD | San Bernardino | 31.0         | 275.6        |                 | F      | I   | 04/27/81 |
| 733 | Well 1S/4W-9J1 S         | WW   | N    | 34.0978 | 117.3002 | SBD | San Bernardino | 22.0         | 154.9        |                 |        |     |          |
| 734 | Well 1S/4W-10E1 S        | WW   | N    | 34.0997 | 117.2928 | SBD | San Bernardino | 32.0         | 77.0         |                 |        |     |          |
| 735 | Well (State # E-92y)     | WW   | N    | 34.0992 | 117.2918 | SBD | San Bernardino | 29.0         | 241.0        |                 |        |     |          |
| 736 | Well (State # E-29a)     | WW   | N    | 34.1022 | 117.2907 | SBD | San Bernardino | 27.0         | 324.7        |                 |        |     |          |
| 737 | "Mill & D St. Well"      | WW   | N    | 34.0925 | 117.2913 | SBD | San Bernardino | 21.0         | 169.8        |                 | F      |     | 04/28/81 |
| 738 | "Mill & D" 2             | CLT  | Y    | 34.0927 | 117.2914 | SBD | San Bernardino | 58.0         | 284.0        |                 | F      | D   |          |
| 739 | Well 1S/4W-16G5 S        | WW   | N    | 34.0885 | 117.3033 | SBD | San Bernardino | H            |              |                 |        |     |          |
| 740 | Well (234)               | WW   | N    | 34.0823 | 117.3068 | SBD | San Bernardino | 29.0         | 48.2         |                 |        |     |          |
| 741 | De Sienna Hot Sp. Well   | WW   | N    | 34.0817 | 117.3067 | SBD | San Bernardino | 30.0         | 166.8        |                 |        |     |          |
| 742 | Well 1S/4W-16L3 S        | WW   | N    | 34.0823 | 117.3048 | SBD | San Bernardino | 42.0         | 182.9        |                 |        |     |          |
| 743 | Well (23)                | WW   | N    | 34.0840 | 117.2982 | SBD | San Bernardino | 37.0         | 36.9         |                 |        |     |          |
| 744 | Well (19)                | WW   | N    | 34.0823 | 117.2978 | SBD | San Bernardino | 22.0         | 68.6         |                 |        |     |          |
| 745 | Well 1S/4W-16J2 S        | WW   | N    | 34.0825 | 117.2973 | SBD | San Bernardino | 41.0         | 53.4         |                 |        |     |          |
| 746 | Meeks & Daly Coburn Well | WW   | N    | 34.0823 | 117.2988 | SBD | San Bernardino | 26.0         | 213.0        |                 |        |     | 04/24/81 |
| 747 | Meeks & Daly #69         | WW   | N    | 34.0815 | 117.2982 | SBD | San Bernardino | 32.0         | 244.0        |                 |        |     |          |
| 748 | Well 1S/4W-16Q1 S        | WW   | N    | 34.0802 | 117.3012 | SBD | San Bernardino | W            | 27.7         |                 |        |     |          |
| 749 | Meeks & Daly New E       | WW   | N    | 34.0817 | 117.2942 | SBD | San Bernardino | 23.0         | 274.0        |                 |        |     |          |
| 750 | Meeks & Daly Old E       | WW   | N    | 34.0817 | 117.2938 | SBD | San Bernardino | W            | 184.0        |                 |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|-----------------------|------|------|---------|----------|-----|----------------|--------------|--------------|-----------------|--------|-----|----------|
| 751 | Meeks & Daly #51      | WW   | N    | 34.0797 | 117.2942 | SBD | San Bernardino | 25.0         | 262.2        |                 |        |     |          |
| 752 | Well 1S/4W-21A1 S     | WW   | N    | 34.0752 | 117.2962 | SBD | San Bernardino | W            | 89.0         |                 |        |     |          |
| 753 | Well (State # E-39v)  | WW   | N    | 34.1052 | 117.2775 | SBD | San Bernardino | 23.0         | 349.4        |                 |        |     |          |
| 754 | Well (465)            | WW   | N    | 34.1102 | 117.2682 | SBD | San Bernardino | 20.0         | 165.9        |                 |        |     |          |
| 755 | Well (315)            | WW   | N    | 34.1043 | 117.2563 | SBD | San Bernardino | 20.0         | 207.9        |                 |        |     |          |
| 756 | Meeks & Daly #66      | WW   | Y    | 34.0862 | 117.2890 | SBD | San Bernardino | 56.0         | 297.3        |                 | F      | D   | 04/23/81 |
| 757 | "Byrne Well"          | WW   | N    | 34.0775 | 117.2868 | SBD | San Bernardino | 30.0         | 335.4        |                 |        |     |          |
| 758 | Meeks & Daly #59      | WW   | N    | 34.0818 | 117.2865 | SBD | San Bernardino | 43.0         | 350.6        |                 | F      |     | 04/23/81 |
| 759 | Well (State # E-98e)  | WW   | N    | 34.0767 | 117.2837 | SBD | San Bernardino | 29.0         | 362.2        |                 |        |     |          |
| 760 | Well (State # E-130h) | WW   | N    | 34.0763 | 117.2812 | SBD | San Bernardino | 22.0         | 226.8        |                 |        |     |          |
| 761 | Well 1S/4W-22A1 S     | WW   | N    | 34.0762 | 117.2805 | SBD | San Bernardino | 29.0         | 196.0        |                 |        |     | 04/23/81 |
| 762 | "Thorn # 12"          | WW   | N    | 34.0770 | 117.2837 | SBD | San Bernardino | 24.0         | 199.4        |                 |        |     |          |
| 763 | Well (252)            | WW   | N    | 34.0803 | 117.2717 | SBD | San Bernardino | 20.0         | 25.3         |                 |        |     |          |
| 764 | Well 1S/4W-23C2 S     | WW   | N    | 34.0762 | 117.2715 | SBD | San Bernardino | W            | 363.4        |                 |        |     |          |
| 765 | Well (121)            | WW   | N    | 34.0738 | 117.2640 | SBD | San Bernardino | 21.0         | 59.8         |                 |        |     |          |
| 766 | Well (122)            | WW   | N    | 34.0745 | 117.2638 | SBD | San Bernardino | 21.0         | 57.9         |                 |        |     |          |
| 767 | Well (123)            | WW   | N    | 34.0752 | 117.2637 | SBD | San Bernardino | 21.0         | 43.3         |                 |        |     |          |
| 768 | Well (124)            | WW   | N    | 34.0767 | 117.2623 | SBD | San Bernardino | 20.0         | 46.3         |                 |        |     |          |
| 769 | Well (126)            | WW   | N    | 34.0782 | 117.2587 | SBD | San Bernardino | 20.0         | 55.2         |                 |        |     |          |
| 770 | Well (127)            | WW   | N    | 34.0798 | 117.2575 | SBD | San Bernardino | 21.0         | 129.9        |                 |        |     |          |
| 771 | Well (128)            | WW   | N    | 34.0807 | 117.2570 | SBD | San Bernardino | 21.0         | 143.9        |                 |        |     |          |
| 772 | Well (112)            | WW   | N    | 34.0802 | 117.2523 | SBD | San Bernardino | 44.0         | 195.7        |                 |        |     |          |
| 773 | Well (106)            | WW   | N    | 34.0740 | 117.2565 | SBD | San Bernardino | 23.0         | 157.6        |                 |        |     |          |
| 774 | Well (104)            | WW   | N    | 34.0737 | 117.2522 | SBD | San Bernardino | 21.0         | 154.3        |                 |        |     |          |
| 775 | Well (017)            | WW   | N    | 34.0692 | 117.2925 | SBD | San Bernardino | 23.0         | 24.7         |                 |        |     |          |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|----------|
| 776 | Well (053)               | WW   | N    | 34.0695 | 117.2895 | SBD | San Bernardino  | 22.0         | 20.7         |                 |        |     |          |
| 777 | Well (018)               | WW   | N    | 34.0685 | 117.2922 | SBD | San Bernardino  | 23.0         | 28.0         |                 |        |     |          |
| 778 | Well 1S/4W-22G2 S        | WW   | N    | 34.0722 | 117.2852 | SBD | San Bernardino  | W            |              |                 |        |     |          |
| 779 | Well 1S/4W-22H3 S        | WW   | N    | 34.0728 | 117.2788 | SBD | San Bernardino  | 51.0         | 259.8        |                 | F      |     |          |
| 780 | Well 1S/4W-22H4 S        | WW   | N    | 34.0717 | 117.2782 | SBD | San Bernardino  | 43.0         | 294.2        |                 | F      |     |          |
| 781 | Well 1S/4W-27A8 S        | WW   | N    | 34.0627 | 117.2783 | SBD | San Bernardino  | W            | 264.6        |                 |        |     |          |
| 782 | Well (008)               | WW   | N    | 34.0598 | 117.2788 | SBD | San Bernardino  | 20.0         | 38.1         |                 |        |     |          |
| 783 | Well (120)               | WW   | N    | 34.0618 | 117.2700 | SBD | San Bernardino  | 20.0         | 239.0        |                 |        |     |          |
| 784 | Well (119)               | WW   | N    | 34.0607 | 117.2702 | SBD | San Bernardino  | 23.0         | 98.5         |                 |        |     |          |
| 785 | Well (118)               | WW   | N    | 34.0597 | 117.2703 | SBD | San Bernardino  | 23.0         | 131.7        |                 |        |     |          |
| 786 | Well (117)               | WW   | N    | 34.0588 | 117.2703 | SBD | San Bernardino  | 23.0         | 177.4        |                 |        |     |          |
| 787 | Well (116)               | WW   | N    | 34.0580 | 117.2703 | SBD | San Bernardino  | 23.0         | 162.8        |                 |        |     |          |
| 788 | Well 1S/4W-26F2 S        | WW   | N    | 34.0572 | 117.2737 | SBD | San Bernardino  | W            | 194.2        |                 |        |     |          |
| 789 | Well (115)               | WW   | N    | 34.0535 | 117.2730 | SBD | San Bernardino  | 24.0         | 200.0        |                 |        |     |          |
| 790 | "Arroyo Verde Well" 1    | WW   | N    | 34.1182 | 117.2472 | SBD | San Bernardino  | H            | 197.6        |                 |        |     |          |
| 791 | "Arroyo Verde Well" 2    | WW   | N    | 34.1182 | 117.2472 | SBD | San Bernardino  | W            | 91.5         |                 |        |     |          |
| 792 | De Luz Warm Springs      | SP   | Y    | 33.4358 | 117.3250 | SDG | De Luz          | 29.0         |              | 19              |        |     |          |
| 793 | Agua Tibia Sp. Well      | SW   | Y    | 33.3665 | 117.3910 | SDG | Pala            | 36.0         | 217.0        |                 | P      | A,E | 02/03/82 |
| 794 | Well 10S/1W-23N1 S       | WW   | Y    | 33.2878 | 116.9587 | SDG | Rincon Springs  | 27.0         |              |                 |        |     |          |
| 795 | Warner Hot Springs       | SP   | Y    | 33.2838 | 116.6308 | SDG | Warner Hot Sps. | 56.0         |              | 500             | F      | B,C | 07/01/81 |
| 796 | Well 12S/2W-17H1 S       | WW   | Y    | 33.1320 | 117.1028 | SDG | Escondido       | 27.0         |              |                 |        |     |          |
| 797 | Circ T Traiter Park Well | WW   | N    | 33.1492 | 116.1825 | SDG | Borrego Valley  | 37.0         | 95.0         |                 |        |     |          |
| 798 | M.A. Smith Well          | WW   | Y    | 33.1562 | 116.1680 | SDG | Borrego Valley  | 31.0         | 91.0         |                 |        |     |          |
| 799 | E. Robinson Well         | WW   | N    | 33.1445 | 116.1342 | SDG | Borrego Valley  | 37.0         | 64.0         |                 |        |     |          |
| 800 | A. Toner Well            | WW   | Y    | 33.1450 | 116.1183 | SDG | Borrego Valley  | 32.0         | 61.0         |                 |        |     |          |

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| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|----------|
| 801 | A. Williams Well       | WW   | N    | 33.1258 | 116.1300 | SDG | Borrego Valley     | 36.0         | 45.0         |                 |        |     |          |
| 802 | Cornish Well           | WW   | Y    | 33.1058 | 116.1300 | SDG | Borrego Valley     | 32.0         | 70.0         |                 |        |     |          |
| 803 | De Anza Trail Inn Well | WW   | N    | 33.1247 | 116.1308 | SDG | Ocotillo Wells     | 36.0         | 100.0        | 264             | P      | A   | 02/02/82 |
| 804 | C. Peterson Well       | WW   | Y    | 33.1387 | 116.1555 | SDG | Borrego Valley     | 32.0         | 87.0         |                 |        |     |          |
| 805 | Ironwood Motel Well    | WW   | Y    | 33.1495 | 116.1820 | SDG | Borrego Valley     | 37.0         | 102.0        |                 |        |     |          |
| 806 | Vallecitos Spring      | SP   | Y    | 32.9703 | 116.4230 | SDG | Agua Caliente Sps. | 26.0         |              | 19              |        |     |          |
| 807 | Agua Caliente Springs  | SP   | Y    | 32.9483 | 116.3040 | SDG | Agua Caliente Sps. | 37.0         |              | 56              | F      | B,C | 02/02/82 |
| 808 | Raymond Rasco Well     | WW   | Y    | 32.6200 | 116.1583 | SDG | Jacumba            | 31.0         | 49.0         |                 |        |     |          |
| 809 | Jacumba Hot Springs    | SP   | Y    | 32.6158 | 116.1922 | SDG | Jacumba            | 38.0         |              | 57              |        |     |          |
| 810 | Henry Lazare Well      | WW   | Y    | 32.6162 | 116.2920 | SDG | Jacumba            | 38.0         | 61.0         |                 |        |     |          |
| 811 | Well 17S/5E-3R1 S      | WW   | Y    | 32.7203 | 116.4550 | SDG | Morena Village     | 30.0         |              |                 |        |     |          |
| 812 | Well 15S/1W-14Q1 S     | WW   | Y    | 32.8627 | 116.9510 | SDG | Santee             | 31.0         |              |                 |        |     |          |
| 813 | Well 16S/2W-16Q1 S     | WW   | Y    | 32.7861 | 117.0940 | SDG | San Diego          | 27.0         |              |                 |        |     |          |
| 814 | Well 18S/2E-14E1 S     | WW   | Y    | 32.6088 | 116.7520 | SDG | San Diego          | 27.0         |              |                 |        |     |          |
| 815 | Well 18S/2W-28L1 S     | WW   | Y    | 32.5733 | 117.0933 | SDG | San Diego          | 27.0         |              |                 |        |     |          |
| 816 | Well 18S/2W-21H1 S     | WW   | Y    | 32.5917 | 117.0858 | SDG | San Diego          | 28.0         |              |                 |        |     |          |
| 817 | Well 18S/2W-28P1 S     | WW   | Y    | 32.5710 | 117.0945 | SDG | San Diego          | 36.0         | 530.0        |                 |        |     |          |
| 818 | Well 18S/2W-33L10 S    | WW   | Y    | 32.5583 | 117.0925 | SDG | San Diego          | 36.0         |              |                 |        |     |          |
| 819 | Well 18S/1W-31H1 S     | WW   | Y    | 32.5629 | 117.0163 | SDG | San Diego          | 33.0         | 351.0        |                 |        |     |          |
| 820 | Well 18S/1W-34N1 S     | WW   | Y    | 32.5563 | 116.9788 | SDG | San Diego          | 28.0         | 431.0        |                 |        |     |          |
| 821 | Well 19S/1W-3E1 S      | WW   | Y    | 32.5487 | 116.9750 | SDG | San Diego          | 28.0         | 427.0        |                 |        |     |          |
| 822 | Well 15S/2W-19Q1 S     | WW   | N    | 32.8592 | 117.1330 | SDG | San Diego          | 25.6         |              |                 |        |     | 03/28/63 |
| 823 | Well 15S/1W-27Q1 S     | WW   | N    | 32.8404 | 116.9681 | SDG | San Diego          | 27.8         |              |                 |        |     | 07/27/54 |
| 824 | Well 15S/1W-27Q5 S     | WW   | N    | 32.8404 | 116.9681 | SDG | San Diego          | 28.9         |              |                 |        |     | 09/17/58 |
| 825 | Well 16S/3W-16Q1 S     | WW   | N    | 32.7753 | 117.1931 | SDG | San Diego          | 25.6         |              |                 |        |     | 10/19/55 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|---------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|----------|
| 826 | Well 16S/3W-16R1 S        | WW   | N    | 32.7755 | 117.1885 | SDG | San Diego          | 25.6         |              |                 |        |     | 10/19/55 |
| 827 | Well 16S/2W-16O3 S        | WW   | N    | 32.7861 | 117.0983 | SDG | San Diego          | 25.6         |              |                 |        |     | 06/01/60 |
| 828 | Well 16S/2W-18L1 S        | WW   | N    | 32.7787 | 117.1283 | SDG | San Diego          | 27.8         |              |                 |        |     | 06/02/65 |
| 829 | Well 16S/3W-22P1 S        | WW   | N    | 32.7607 | 117.1797 | SDG | San Diego          | 26.1         |              |                 |        |     | 05/31/60 |
| 830 | Well 17S/2W-4B1 S         | WW   | N    | 32.7278 | 117.0898 | SDG | San Diego          | 25.6         |              |                 |        |     | 07/22/54 |
| 831 | Well 17S/2W-15J1 S        | WW   | N    | 32.6914 | 117.0680 | SDG | San Diego          | 26.1         |              |                 |        |     | 07/21/54 |
| 832 | Well 18S/2W-24M1 S        | WW   | N    | 32.5892 | 117.0466 | SDG | San Diego          | 28.3         | 88.4         |                 |        |     | 07/26/56 |
| 833 | Well 18S/2W-27G1 S        | WW   | N    | 32.5779 | 117.0728 | SDG | San Diego          | 25.6         |              |                 |        |     | 09/03/59 |
| 834 | Well 19S/2W-1N6 S         | WW   | N    | 32.5414 | 117.0467 | SDG | San Diego          | 25.6         |              |                 |        |     | 11/19/62 |
| 835 | Well 15S/3W-32 S          | OIL  | N    | 32.8220 | 117.2191 | SDG | San Diego          | 73.3         | 1855.0       |                 |        |     | 06/16/42 |
| 836 | Rohr Ind.s 18S/2W-9F S    | TG   | Y    | 32.6219 | 117.0952 | SDG | San Diego          | 33.1         | 348.5        |                 |        |     | 01/81    |
| 837 | Well 18S/2W-21 S          | OIL  | N    | 32.5865 | 117.0983 | SDG | San Diego          | 60.0         | 1677.0       |                 |        |     | 11/03/62 |
| 838 | Well 18S/2W-32 S          | OIL  | N    | 32.5573 | 117.1059 | SDG | San Diego          | H            | 1934.0       |                 |        |     | 04/18/35 |
| 839 | Unnamed Well              | WW   | Y    | 32.5842 | 117.0873 | SDG | San Diego          | 26.7         | 61.0         |                 |        |     |          |
| 840 | Unnamed Well              | WW   | Y    | 32.5724 | 117.0927 | SDG | San Diego          | 43.3         | 533.5        |                 |        |     |          |
| 841 | Unnamed Well              | WW   | Y    | 32.5845 | 117.0696 | SDG | San Diego          | 26.7         | 122.0        |                 |        |     |          |
| 842 | Lone Tree Mnr. Spring     | SP   | Y    | 37.5732 | 121.4452 | SJQ | S. San Joaquin Co. | 22.0         |              |                 |        |     |          |
| 843 | Unnamed Spring            | SP   | Y    | 37.5685 | 121.4462 | SJQ | S. San Joaquin Co. | 23.0         |              | 38              |        |     |          |
| 844 | Paso Robles Artesian Sp.  | SP   | Y    | 35.6625 | 120.6917 | SLO | Paso Robles        | 39.0         |              | 380             |        |     |          |
| 845 | Paso Robles Mud Bath Sps. | SP   | Y    | 35.6570 | 120.6945 | SLO | Paso Robles        | 42.0         |              | 360             |        |     |          |
| 846 | Unnamed Spring            | SP   | Y    | 35.6492 | 120.6868 | SLO | Paso Robles        | 42.0         |              | 760             |        |     |          |
| 847 | Well 26S/13E-11L1 M       | WW   | Y    | 35.6792 | 120.5433 | SLO | Paso Robles        | 31.0         | 630.0        |                 |        |     |          |
| 848 | Well 26S/12E-29C M        | WW   | Y    | 35.6447 | 120.7035 | SLO | Paso Robles        | 32.7         | 185.0        |                 | I      | E   | 07/06/81 |
| 849 | Unnamed Well              | WW   | Y    | 35.6417 | 120.6458 | SLO | Paso Robles        | H            |              |                 |        |     |          |
| 850 | Santa Ysabel Springs      | SP   | Y    | 35.5822 | 120.6645 | SLO | Paso Robles        | 33.0         |              | 190             |        |     |          |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|----------------------------|------|------|---------|----------|-----|--------------------|--------------|--------------|-----------------|--------|-----|----------|
| 851 | Paso Robles City Baths     | SW   | Y    | 35.6253 | 120.6880 | SLO | Paso Robles        | 38.0         | 122.0        | 568             |        |     |          |
| 852 | Calagua No.1               | X    | Y    | 35.5838 | 120.5458 | SLO | Paso Robles        | 47.0         | 316.0        |                 |        |     |          |
| 853 | Cameta Warm Spring         | SP   | Y    | 35.4000 | 120.2500 | SLO | Cameta Warm Spring | 23.0         |              | 11              |        |     |          |
| 854 | Pecho Warm Springs         | SP   | N    | 35.2692 | 120.8570 | SLO | Morro Bay          | 35.0         |              | 65              |        |     |          |
| 855 | Sycamore Hot Sps. Well     | OIL  | Y    | 35.1867 | 120.7133 | SLO | San Luis Obispo    | 24.0         | 286.0        |                 | P      | B   | 07/06/81 |
| 856 | Avila Hot Springs Well     | WW   | Y    | 35.1808 | 120.7017 | SLO | San Luis Obispo    | 55.0         | 609.0        | 189             | F      | B,C | 07/06/81 |
| 857 | Newsom Springs             | SP   | Y    | 35.1225 | 120.5430 | SLO | Arroyo Grande      | 36.0         |              | 57              | F      | B   | 07/05/81 |
| 858 | Well 10N/27W-5L1 S         | WW   | Y    | 34.9770 | 119.7930 | SBA | Cuyama             | 34.0         |              |                 |        |     |          |
| 859 | Well 7N/35W-1701 S         | WW   | Y    | 34.6845 | 120.5848 | SBA | Vandenberg A.F.B.  | 42.0         |              |                 |        |     |          |
| 860 | Well 5N/33W-31A1 S         | WW   | Y    | 34.4778 | 120.3680 | SBA | Pt. Conception     | 47.0         |              |                 |        |     |          |
| 861 | Las Cruces Hot Springs     | SP   | Y    | 34.5023 | 120.2178 | SBA | Las Cruces         | 36.0         |              | 58              | F      | I   | 02/06/82 |
| 862 | Well 5N/32W-35F1 S         | WW   | Y    | 34.4763 | 120.2015 | SBA | Gaviota            | 31.0         |              |                 |        |     |          |
| 863 | Well 5N/30W-32P1 S         | WW   | Y    | 34.4647 | 120.0463 | SBA | El Capitan         | 39.0         | 617.0        |                 |        |     |          |
| 864 | Unnamed Sp., Tecolote Tun. | SP   | Y    | 34.5163 | 119.9042 | SBA | Lake Cachuma       | 43.0         |              |                 |        |     |          |
| 865 | San Marcos Hot Springs     | SP   | Y    | 34.5372 | 119.8812 | SBA | Lake Cachuma       | 43.0         |              | 303             |        |     |          |
| 866 | Unnamed Sp., Tecolote Tun. | SP   | Y    | 34.5103 | 119.9008 | SBA | Lake Cachuma       | 34.0         |              |                 |        |     |          |
| 867 | Montecito Hot Springs      | SP   | Y    | 34.4625 | 119.6380 | SBA | Montecito          | 48.0         |              | 300             | F      | A   | 10/31/81 |
| 868 | Little Caliente Spring     | SP   | Y    | 34.5405 | 119.6195 | SBA | Montecito          | 32.0         |              | 57              |        |     |          |
| 869 | Agua Caliente Spring       | SP   | Y    | 34.5397 | 119.5620 | SBA | Montecito          | 56.0         |              | 760             |        |     |          |
| 870 | Boron Spring               | SP   | Y    | 34.4228 | 119.5380 | SBA | Montecito          | 22.0         |              | 95              |        |     |          |
| 871 | Gaviota Steam Vents        | SP   | Y    | 34.4677 | 120.2783 | SBA | Gaviota Beach      | 68.0         |              |                 |        | I   | 02/05/82 |
| 872 | White Sulphur Spring       | SP   | Y    | 37.3973 | 121.7970 | SCL | Milpitas           | 29.0         |              | 19              |        |     |          |
| 873 | Gilroy Hot Spring          | SP   | Y    | 37.1092 | 121.4778 | SCL | Gilroy             | 41.0         |              | 15              |        |     |          |
| 874 | Sargent Estate Warm Sp.    | SP   | Y    | 36.9405 | 121.5640 | SCL | Gilroy             | 25.0         |              | 3               |        |     |          |
| 875 | Maplethorpe Well           | WW   | Y    | 36.9833 | 121.9417 | SCR | Soquel             | 23.0         |              |                 |        |     |          |

| TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA |                           |      |      |         |          |     |                 |              |              |                 |        |     |          |
|---------------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|-----------------|--------------|--------------|-----------------|--------|-----|----------|
| ID#                                                                 | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
| 876                                                                 | Hunt Hot Springs          | SP   | Y    | 41.0338 | 121.9300 | SHA | Big Bend        | 56.0         |              | 27              | F      | B   | 04/27/82 |
| 877                                                                 | Unnamed Well              | WW   | Y    | 41.0162 | 121.9067 | SHA | Big Bend        | 29.0         | 149.0        |                 |        |     |          |
| 878                                                                 | Big Bend Hot Springs      | SP   | Y    | 41.0225 | 121.9195 | SHA | Big Bend        | 82.0         |              | 340             | F      | B   |          |
| 879                                                                 | Indian Sps. Sch. Well     | NLT  | Y    | 41.0165 | 121.9075 | SHA | Big Bend        | 28.0         | 138.0        | 333             | P      | C   | 04/27/82 |
| 880                                                                 | Indian Sps. Sch., "ISS" 1 | NLT  | N    | 41.0205 | 121.9065 | SHA | Big Bend        | 50.0         | 250.0        | 114             | F      |     | 10/83    |
| 881                                                                 | Well 31N/4W-7A1 M         | WW   | Y    | 40.5625 | 122.3542 | SHA | Redding         | 31.0         |              |                 |        |     |          |
| 882                                                                 | Unnamed Springs           | SP   | Y    | 40.4567 | 121.5417 | SHA | Lassen          | 66.0         |              | 11              |        |     |          |
| 883                                                                 | Tophet Hot Springs        | SP   | Y    | 40.4503 | 121.5338 | SHA | Lassen          | 93.0         |              | 19              |        |     |          |
| 884                                                                 | Bumpass Hell              | SP   | Y    | 40.4575 | 121.5000 | SHA | Lassen          | 93.0         |              | 400             |        |     |          |
| 885                                                                 | Well 21N/15E-5D1 M        | WW   | Y    | 39.7058 | 120.3308 | SIE | Sierra Valley   | 44.0         | 185.0        |                 |        |     |          |
| 886                                                                 | Well 21N/15E-5E1 M        | WW   | Y    | 39.7025 | 120.3317 | SIE | Sierra Valley   | 34.0         | 122.0        |                 |        |     |          |
| 887                                                                 | Well 21N/15E-5E2 M        | WW   | Y    | 39.7017 | 120.3317 | SIE | Sierra Valley   | 51.0         | 122.0        | 8               |        |     |          |
| 888                                                                 | Well 21N/15E-5P1 M        | WW   | Y    | 39.6942 | 120.3275 | SIE | Sierra Valley   | 29.0         | 122.0        |                 |        |     |          |
| 889                                                                 | Well 21N/15E-601 M        | WW   | Y    | 39.6950 | 120.3383 | SIE | Sierra Valley   | 27.0         | 229.0        |                 |        |     |          |
| 890                                                                 | Well 21N/15E-603 M        | WW   | Y    | 39.6950 | 120.3400 | SIE | Sierra Valley   | 27.0         | 77.0         |                 |        |     |          |
| 891                                                                 | Well 21N/15E-4L1 M        | WW   | Y    | 39.6988 | 120.3062 | SIE | Loyalton        | 30.0         |              |                 |        |     |          |
| 892                                                                 | Campbell Hot Springs      | SP   | Y    | 39.5782 | 120.3537 | SIE | Sierraville     | 42.0         |              | 284             | F      | B   | 05/03/82 |
| 893                                                                 | Sierra Co., "SCGP" 1      | CLT  | Y    | 39.6822 | 120.3188 | SIE | Sierra Valley   | 38.3         | 398.2        | 1249            | F      |     |          |
| 894                                                                 | Sulphur Springs           | SP   | Y    | 41.6595 | 123.3182 | SIS | W. Siskiyou Co. | 29.0         |              | 8               |        |     |          |
| 895                                                                 | Bogus Soda Springs        | SP   | Y    | 41.9187 | 122.3707 | SIS | N. Siskiyou Co. | 21.0         |              | 113             | F      | I   | 04/28/82 |
| 896                                                                 | Klamath Hot Springs       | SP   | Y    | 41.9712 | 122.2017 | SIS | N. Siskiyou Co. | 69.0         |              | 95              |        |     |          |
| 897                                                                 | Well 48N/1W-28F1 M        | WW   | Y    | 41.9767 | 121.9878 | SIS | N. Siskiyou Co. | 28.0         | 193.0        |                 |        |     |          |
| 898                                                                 | Unnamed Well              | WW   | Y    | 41.9370 | 121.8505 | SIS | N. Siskiyou Co. | 30.0         |              |                 |        |     |          |
| 899                                                                 | Unnamed Fumarole          | SP   | Y    | 41.6058 | 121.5237 | SIS | Medicine Lake   | 88.0         |              |                 |        |     |          |
| 900                                                                 | Unnamed Spring            | SP   | Y    | 41.4088 | 122.1948 | SIS | Mt. Shasta      | 84.0         |              | 4               |        |     |          |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE  | DATE     |
|-----|----------------------------|------|------|---------|----------|-----|-------------------|--------------|--------------|-----------------|--------|------|----------|
| 901 | Tolenas Springs            | SP   | Y    | 38.3102 | 122.0532 | SOL | Fairfield         | 20.0         |              | 1               |        |      |          |
| 902 | Vallejo White Sulphur Sp.  | SP   | Y    | 38.1248 | 122.1882 | SOL | Benicia           | 20.0         |              | 263             |        |      |          |
| 903 | Unnamed Spring             | SP   | Y    | 38.1012 | 122.1688 | SOL | Benicia           | 23.0         |              | 64              |        |      |          |
| 904 | Hoods Hot Springs          | SP   | Y    | 38.7958 | 123.1625 | SON | Cloverdale        | 38.0         |              | 19              |        |      |          |
| 905 | The Geysers (Devils Kit.)  | SP   | Y    | 38.8017 | 122.8067 | SON | The Geysers       | 100.0        |              |                 |        |      |          |
| 906 | Unnamed Spring             | SP   | Y    | 38.7767 | 122.7625 | SON | The Geysers       | 49.0         |              | 19              |        |      |          |
| 907 | Little Geysers             | SP   | Y    | 38.7742 | 122.7478 | SON | The Geysers       | 71.0         |              | 30              |        |      |          |
| 908 | Skaggs Springs             | SP   | Y    | 38.6938 | 123.0257 | SON | Skaggs Springs    | 55.0         |              | 15              |        |      |          |
| 909 | Mark West Springs          | SP   | Y    | 38.5488 | 122.72   | SON | Mark West Spring  | 31.0         |              | 1               |        |      |          |
| 910 | Unnamed Spring             | SP   | Y    | 38.3885 | 122.567  | SON | Sonoma Valley     | 23.0         |              | 76              |        |      |          |
| 911 | Morton's Warm Sps. Well    | SW   | Y    | 38.3943 | 122.5498 | SON | Sonoma Valley     | 31.0         | 54.9         |                 | F      |      | 02/24/82 |
| 912 | Unnamed Spring             | SP   | Y    | 38.3567 | 122.5087 | SON | Sonoma Valley     | 21.0         |              | 38              |        |      |          |
| 913 | Agua Caliente Sps. Well    | WW   | Y    | 38.322  | 122.4877 | SON | Agua Caliente     | 35.0         | 91.4         | 1022            |        | B    | 07/21/81 |
| 914 | Fetters Hot Springs Well   | WW   | Y    | 38.322  | 122.4877 | SON | Agua Caliente     | 29.0         | 291.0        | 291             | P      | B    | 07/21/81 |
| 915 | Agua C. School, "SV Geo" 1 | CLT  | N    | 38.322  | 122.4872 | SON | Agua Caliente     |              | 183.0        |                 |        |      |          |
| 916 | Boyes Hot Sps. Well        | SW   | N    | 38.3145 | 122.4864 | SON | Boyes Hot Springs | 43.0         | 107.0        |                 | I      |      | 08/58    |
| 917 | Boyes Hot Sps. "No. 1"     | SW   | N    | 38.3143 | 122.4863 | SON | Boyes Hot Springs | 28.0         |              |                 | I      |      |          |
| 918 | Boyes Hot Sps. "No. 2"     | SW   | N    | 38.3147 | 122.4866 | SON | Boyes Hot Springs | 50.6         | 140.8        |                 | I      |      | 08/19/80 |
| 919 | Sonoma Mission Inn, "SV" 1 | CLT  | Y    | 38.3138 | 122.4823 | SON | Boyes Hot Springs | 53.1         | 396.3        | 757             | P      | B, C | 10/09/91 |
| 920 | Well 8N/8W-34M M           | WW   | Y    | 38.4933 | 122.7382 | SON | Santa Rosa        | 22.9         | 153.3        |                 |        |      | 08/28/73 |
| 921 | Well 7N/8W-2E M            | WW   | N    | 38.4845 | 122.7197 | SON | Santa Rosa        | 21.8         | 112.5        |                 |        |      | 11/24/81 |
| 922 | Well 8N/8W-35L M           | WW   | N    | 38.495  | 122.7127 | SON | Santa Rosa        | 22.8         | 142.6        |                 |        |      | 05/20/82 |
| 923 | Well 8N/8W-35P M           | WW   | N    | 38.4899 | 122.7133 | SON | Santa Rosa        | 20.1         | 155.4        |                 |        |      | 07/14/82 |
| 924 | Well 7N/8W-12D M           | WW   | N    | 38.4709 | 122.7022 | SON | Santa Rosa        | 21.0         | 9.1          |                 | F      |      |          |
| 925 | Well 7N/8W-12E M           | WW   | Y    | 38.4687 | 122.7024 | SON | Santa Rosa        | 24.0         | 70.1         |                 | F      |      | 02/28/83 |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|--------------------------|------|------|---------|----------|-----|----------------|--------------|--------------|-----------------|--------|-----|----------|
| 926 | Well 7N/8W-12N M         | WW   | Y    | 38.4612 | 122.7036 | SON | Santa Rosa     | 29.4         | 153.6        |                 | F      |     | 12/30/82 |
| 927 | Well 7N/8W-12N M         | WW   | N    | 38.4604 | 122.7014 | SON | Santa Rosa     | 22.8         | 36.6         |                 | F      |     |          |
| 928 | Unnamed Spring           | SP   | Y    | 38.4602 | 122.7017 | SON | Santa Rosa     | 22.4         |              |                 | F      |     |          |
| 929 | Well 7N/8W-24A4 M        | WW   | Y    | 38.4428 | 122.6862 | SON | Santa Rosa     | 30.0         | 305.0        |                 | F      |     | 12/30/82 |
| 930 | Well 7N/8W-24H M         | WW   | N    | 38.4416 | 122.686  | SON | Santa Rosa     | 29.0         | 366.0        |                 | F      |     |          |
| 931 | Unnamed Spring           | SP   | Y    | 38.452  | 122.6483 | SON | Santa Rosa     | 22.0         |              |                 | F      |     | 01/06/83 |
| 932 | Well 7N/7W-16G M         | WW   | Y    | 38.4549 | 122.6352 | SON | Santa Rosa     | 31.7         | 39.0         |                 | F      |     | 12/30/82 |
| 933 | Well 7N/7W-32G9 M        | WW   | Y    | 38.4099 | 122.6524 | SON | Bennett Valley | 30.6         | 125.0        |                 |        |     | 08/29/76 |
| 934 | Well 7N/7W-32L M         | WW   | N    | 38.4091 | 122.6564 | SON | Bennett Valley | 20.0         | 86.0         |                 |        |     |          |
| 935 | Well 6N/7W-5A M          | WW   | Y    | 38.401  | 122.6491 | SON | Bennett Valley | 30.0         |              |                 |        |     | 02/10/83 |
| 936 | Well 6N/7W-9A M          | WW   | N    | 38.3851 | 122.6308 | SON | Bennett Valley | 22.0         | 177.4        |                 |        |     | 02/10/83 |
| 937 | Well 6N/8W-1Q M          | WW   | N    | 38.3908 | 122.6914 | SON | Rohnert Park   | W            | 84.0         |                 |        |     |          |
| 938 | Well 7N/7W-25G M         | WW   | N    | 38.4239 | 122.5798 | SON | Sonoma Valley  | 23.8         | 166.0        |                 |        |     | 04/27/76 |
| 939 | Well 7N/6W-33D M         | WW   | N    | 38.4143 | 122.5366 | SON | Sonoma Valley  | W            |              |                 |        |     |          |
| 940 | Well 7N/6W-32A M         | WW   | N    | 38.4121 | 122.5387 | SON | Sonoma Valley  | W            |              |                 |        |     |          |
| 941 | Unnamed Well             | WW   | N    | 38.3997 | 122.5667 | SON | Sonoma Valley  | 20.0         |              |                 |        |     | 04/03/82 |
| 942 | McEwan Ranch Spring      | SP   | Y    | 38.3883 | 122.5685 | SON | Sonoma Valley  | 23.0         |              |                 | F      |     | 02/24/82 |
| 943 | Nunn's Iron Spring       | SP   | N    | 38.4084 | 122.4859 | SON | Sonoma Valley  | 20.0         |              |                 |        |     |          |
| 944 | Sonoma State Hosp. Well  | WW   | N    | 38.3563 | 122.5086 | SON | Sonoma Valley  | 20.0         | 7.0          |                 |        |     |          |
| 945 | Unnamed Well             | WW   | N    | 38.3467 | 122.501  | SON | Sonoma Valley  | 21.0         | 76.0         |                 |        |     | 03/21/82 |
| 946 | Sonoma State Hosp. No. 3 | WW   | Y    | 38.3445 | 122.5193 | SON | Sonoma Valley  | 37.5         | 436.0        |                 |        |     |          |
| 947 | Unnamed Well             | WW   | N    | 38.3333 | 122.497  | SON | Sonoma Valley  | 22.0         | 76.0         |                 |        |     | 03/20/82 |
| 948 | Unnamed Well             | WW   | N    | 38.3297 | 122.49   | SON | Sonoma Valley  | 22.0         | 79.0         |                 |        |     | 04/04/82 |
| 949 | Well 6N/6W-35G M         | WW   | N    | 38.3236 | 122.49   | SON | Sonoma Valley  | 26.0         | 57.3         |                 |        |     |          |
| 950 | Well 6N/6W-35E M         | WW   | N    | 38.3227 | 122.4959 | SON | Sonoma Valley  | 28.1         | 207.3        |                 |        |     | 02/10/77 |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME         | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|---------------------|------|------|---------|----------|-----|-------------------|--------------|--------------|-----------------|--------|-----|----------|
| 951 | Unnamed Well        | WW   | N    | 38.3042 | 122.4968 | SON | Sonoma Valley     | 21.0         | 52.0         |                 |        |     | 03/17/82 |
| 952 | Well 5N/6W-12D M    | WW   | N    | 38.2978 | 122.4775 | SON | Sonoma            | 31.0         | 213.0        |                 |        |     | 10/10/80 |
| 953 | Unnamed Well        | WW   | Y    | 38.298  | 122.4733 | SON | Sonoma            | 30.0         | 226.0        | 492             |        |     | 03/15/82 |
| 954 | Unnamed Well        | WW   | N    | 38.2947 | 122.4585 | SON | Sonoma            | 21.0         | 70.0         |                 | F      |     | 03/18/82 |
| 955 | Unnamed Well        | WW   | N    | 38.2958 | 122.457  | SON | Sonoma            | 21.0         | 73.2         | 191             |        |     | 03/11/82 |
| 956 | Unnamed Well        | WW   | N    | 38.2992 | 122.4568 | SON | Sonoma            | 24.0         | 61.0         | 492             |        |     | 03/15/82 |
| 957 | Unnamed Well        | WW   | N    | 38.2983 | 122.4502 | SON | Sonoma            | 28.0         | 67.1         | 530             |        |     | 03/11/82 |
| 958 | Well 5N/5W-7G M     | WW   | N    | 38.2964 | 122.4498 | SON | Sonoma            | 28.0         | 137.0        |                 |        |     | 01/06/83 |
| 959 | Well 5N/5W-7G M     | WW   | N    | 38.2946 | 122.4496 | SON | Sonoma            | 25.0         | 46.0         |                 |        |     |          |
| 960 | Unnamed Well        | WW   | N    | 38.296  | 122.4547 | SON | Sonoma            | 23.0         | 152.0        | 1800            |        |     | 03/10/82 |
| 961 | Unnamed Well        | WW   | N    | 38.2942 | 122.4567 | SON | Sonoma            | 29.0         | 107.0        |                 | F      |     | 03/08/82 |
| 962 | Unnamed Spring      | SP   | Y    | 38.3248 | 122.4049 | SON | Sonoma Valley     | 28.4         |              |                 |        |     |          |
| 963 | Unnamed Well        | WW   | N    | 38.2823 | 122.4635 | SON | Sonoma            | 20.0         | 53.0         |                 |        |     | 04/10/82 |
| 964 | Well 5N/5W-17L M    | WW   | N    | 38.2817 | 122.4356 | SON | Sonoma Valley     | 29.3         | 305.0        |                 |        |     |          |
| 965 | Unnamed Well        | WW   | N    | 38.267  | 122.4992 | SON | Sonoma Valley     | 20.0         | 156.0        |                 |        |     | 04/11/82 |
| 966 | Well 5N/5W-31A1 M   | WW   | N    | 38.2426 | 122.4454 | SON | Sonoma Valley     | 20.0         | 124.0        |                 | F      |     | 04/52    |
| 967 | Well 5N/5W-28R1 M   | WW   | N    | 38.246  | 122.4092 | SON | Sonoma Valley     | 20.0         | 85.0         |                 |        |     | 07/29/71 |
| 968 | Unnamed Well        | WW   | N    | 38.2537 | 122.3883 | SON | Sonoma Valley     | 28.0         | 213.0        |                 | F      |     | 02/22/82 |
| 969 | Well 4N/5W-7C M     | WW   | N    | 38.2126 | 122.4547 | SON | Sonoma Valley     | 28.0         | 61.0         |                 | F      |     |          |
| 970 | Unnamed Well        | WW   | N    | 38.2163 | 122.3728 | SON | Sonoma Valley     | 20.0         | 74.0         |                 |        |     | 02/25/82 |
| 971 | Well 5N/6W-25P2 M   | WW   | Y    | 38.2461 | 122.4728 | SON | Sonoma Valley     | 38.0         | 195.0        |                 |        |     | 07/21/81 |
| 972 | Salt Grass Springs  | SP   | Y    | 37.4312 | 121.3083 | STA | W. Stanislaus Co. | 23.0         |              | 4               |        |     |          |
| 973 | Growler Hot Springs | SP   | Y    | 40.3942 | 121.5078 | TEH | Lassen            | 95.0         |              | 38              |        |     |          |
| 974 | Morgan Hot Springs  | SP   | Y    | 40.3837 | 121.5133 | TEH | Lassen            | 96.0         |              | 323             |        |     |          |
| 975 | Tuscan Springs      | SP   | Y    | 40.2408 | 122.11   | TEH | Red Bluff         | 29.0         |              | 3               |        |     |          |

TABLE 1. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - DESCRIPTIVE DATA

| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | TEMP<br>(°C) | DEPTH<br>(m) | FLOW<br>(L/min) | STATUS | USE | DATE     |
|-----|------------------------|------|------|---------|----------|-----|---------------------|--------------|--------------|-----------------|--------|-----|----------|
| 976 | Stinking Springs       | SP   | Y    | 40.2228 | 122.7495 | TEH | N.W. Tehama Co.     | 38.0         |              | 57              |        |     |          |
| 977 | Kern Hot Spring        | SP   | Y    | 36.478  | 118.4047 | TUL | E. Tulare Co.       | 43.0         |              | 15              |        |     |          |
| 978 | Jordan Hot Spring      | SP   | Y    | 36.2292 | 118.3017 | TUL | E. Tulare Co.       | 43.0         |              | 285             |        |     |          |
| 979 | Soda Springs           | SP   | Y    | 36.2105 | 118.1758 | TUL | E. Tulare Co.       | 38.0         |              | 8               |        |     |          |
| 980 | Soda Spring            | SP   | Y    | 36.1298 | 118.8158 | TUL | Springville         | 22.0         |              | 6               |        |     |          |
| 981 | Ward Spring            | SP   | Y    | 36.1167 | 118.7758 | TUL | Springville         | 21.0         |              | 4               |        |     |          |
| 982 | California Hot Springs | SP   | Y    | 35.8795 | 118.677  | TUL | California Hot Sps. | 45.0         |              | 500             | F      | A,B | 03/17/81 |
| 983 | Well 8N/23W-20H1 S     | WW   | Y    | 34.7708 | 119.3333 | VEN | N.W. Ventura Co.    | 32.0         |              |                 |        |     |          |
| 984 | Willet Hot Springs     | SP   | Y    | 34.582  | 119.0472 | VEN | Sespe Hot Springs   | 42.0         |              | 568             |        |     |          |
| 985 | Sespe Hot Springs      | SP   | Y    | 34.5947 | 118.9978 | VEN | Sespe Hot Springs   | 90.0         |              | 380             |        |     |          |
| 986 | Vickers Hot Springs    | SP   | Y    | 34.5017 | 119.3458 | VEN | Ojai                | 51.0         |              | 27              |        |     |          |
| 987 | Whealers Hot Springs   | SP   | Y    | 34.5092 | 119.2908 | VEN | Ojai                | 39.0         |              | 95              |        |     |          |
| 988 | Stingleys Hot Springs  | SP   | Y    | 34.4995 | 119.3405 | VEN | Ojai                | 51.0         |              | 190             |        |     |          |
| 989 | Matilija Hot Springs   | SW   | Y    | 34.4842 | 119.3072 | VEN | Ojai                | 43.5         | 5.0          | 250             | P      | B   | 10/29/80 |

TABLE 2

CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA



TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K     | Ca    | Mg    | Fe   | Li    | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As   | TDsm  | TDsc  |
|-----|------|---------|--------|-------|-------|-------|------|-------|-------|------------------|------------------|-----------------|---------|------|------|-------|-------|
| 1   | 7.90 |         | 164.0  | 8.4   | 27.0  | 29.0  |      |       | 1.6   | 37.0             | 309.0            | 74.0            | 150.0   | 0.20 |      | 660   | 659   |
| 2   | 8.60 |         | 116.0  | 0.3   | 11.0  | 0.4   |      |       | 0.6   | 34.0             | 304.0            | 9.0             | 16.0    | 0.70 |      | 340   | 339   |
| 3   | 6.70 | 2000    | 409.0  | 12.0  | 29.0  | 2.0   | 0.13 | 0.66  | 2.8   | 89.0             | 716.0            | 149.0           | 182.0   | 3.80 |      |       | 1236  |
| 4   |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 5   |      |         | 1687.0 |       | 843.0 |       |      |       |       |                  |                  |                 |         |      |      | 3000  | 2530  |
| 6   | 7.20 |         | 5050.0 | 69.0  | 119.0 | 209.0 |      | 5.80  | 162.0 | 100.0            | 4790.0           | 8.0             | 6040.0  | 2.20 |      | 14200 | 14200 |
| 7   | 7.40 |         | 9110.0 | 506.0 | 5.9   | 29.0  |      |       | 240.0 | 244.0            | 7240.0           | 7.0             | 11000.0 | 3.00 |      | 25900 | 24699 |
| 8   | 7.68 |         | 8580.0 | 460.0 | 5.6   | 54.8  |      | 12.10 | 285.0 | 199.0            | 7375.0           | 157.0           | 10710.0 | 3.32 | 1.20 |       |       |
| 9   |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 10  |      |         |        |       |       |       |      |       |       |                  | 11936.0          |                 | 8460.0  |      |      |       | 14340 |
| 11  | 7.88 |         | 9740.0 | 513.0 | 5.6   | 41.0  |      | 14.00 | 300.0 | 89.0             | 8250.0           | 170.0           | 11210.0 |      | 1.20 |       |       |
| 12  |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 13  |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 14  | 8.20 |         | 308.0  | 16.0  | 33.0  | 17.0  |      | 0.09  | 7.3   | 100.0            | 662.0            | 2.0             | 221.0   | 1.10 |      | 1050  | 1050  |
| 15  | 9.10 |         | 1500.0 | 7.6   | 286.0 |       |      |       | 10.0  | 23.0             | 130.0            | 16.0            | 2750.0  | 0.20 |      | 4700  | 4830  |
| 16  | 9.50 |         | 2410.0 | 12.0  | 679.0 |       |      |       | 7.4   | 17.0             | 85.0             | 7.0             | 4870.0  |      |      | 8210  | 8210  |
| 17  | 7.70 |         | 3100.0 | 53.0  | 431.0 | 12.0  |      | 4.60  | 191.0 | 16.0             | 203.0            | 2.0             | 5770.0  | 2.50 |      | 10300 | 10300 |
| 18  | 6.00 | 34900   | 3606.0 | 47.0  | 415.0 | 135.0 | 0.18 | 0.10  | 25.7  | 13.0             | 511.0            |                 | 10400.0 | 0.60 |      |       | 14918 |
| 19  |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 20  | 9.40 |         | 33.0   | 0.9   | 2.4   | 0.9   |      | 0.02  | 0.3   | 22.0             | 55.0             | 13.0            | 14.0    | 0.50 |      | 115   | 114   |
| 21  |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 22  |      |         |        |       |       |       |      |       |       |                  |                  |                 |         |      |      |       |       |
| 23  | 6.92 |         | 300.0  | 8.8   | 70.0  | 3.2   |      | 0.89  | 2.9   | 60.0             | 307.0            | 74.0            | 370.0   | 3.00 |      | 1200  | 1347  |
| 24  | 8.00 |         | 200.0  | 5.0   | 75.0  | 0.2   |      | 0.65  | 2.0   | 51.0             | 28.0             | 48.0            | 400.0   | 2.10 |      | 810   | 824   |
| 25  | 8.80 | 3880    | 675.0  | 5.0   | 36.0  |       |      | 0.07  | 14.0  | 58.0             | 23.0             | 109.0           | 1275.0  | 0.50 |      |       | 2209  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca    | Mg     | Fe | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As   | TDSm  | TDSc  |
|-----|------|---------|--------|------|-------|--------|----|------|------|------------------|------------------|-----------------|---------|------|------|-------|-------|
| 26  | 4.50 |         | 4290.0 | 35.0 | 442.0 | 2470.0 |    |      | 3.0  | 91.0             | 10.0             | 18500.0         | 399.0   | 9.80 |      | 26800 | 26800 |
| 27  | 8.90 |         | 129.0  | 0.3  | 1.6   | 0.6    |    |      |      | 63.0             | 201.0            | 40.0            | 62.0    | 4.00 |      | 430   | 414   |
| 28  | 6.50 |         | 8400.0 | 90.0 | 115.0 | 262.0  |    |      |      | 140.0            | 3068.0           | 63.0            | 11800.0 | 1.40 |      | 22500 | 22573 |
| 29  | 7.10 |         | 3320.0 | 21.0 | 607.0 | 48.0   |    |      | 10.0 |                  | 29.0             | 463.0           | 5950.0  | 2.60 |      | 11100 | 11080 |
| 30  | 8.60 |         | 585.0  | 8.4  | 88.0  | 14.0   |    |      | 1.4  | 33.0             | 96.0             | 211.0           | 910.0   | 3.60 |      | 1900  | 1900  |
| 31  | 7.80 |         | 1817.0 | 12.0 | 260.0 | 66.0   |    |      | 3.3  |                  | 76.0             | 1387.0          | 2360.0  | 3.60 |      | 6200  | 6200  |
| 32  | 7.80 |         | 1460.0 | 14.0 | 11.0  | 6.1    |    |      |      | 34.0             | 1180.0           | 1.0             | 1600.0  | 1.60 |      | 3750  | 3750  |
| 33  | 7.50 |         | 846.0  |      | 8.0   | 1.0    |    |      |      |                  | 454.0            | 132.0           | 960.0   |      |      | 2210  | 2210  |
| 34  |      |         | 2070.0 | 9.7  | 119.0 | 47.0   |    |      |      |                  | 566.0            | 236.0           | 3039.0  |      |      | 7480  | 5798  |
| 35  | 8.10 |         | 860.0  | 6.0  |       |        |    | 0.36 | 6.6  |                  | 459.0            | 119.0           | 960.0   | 3.40 | 0.30 | 2260  | 2256  |
| 36  | 8.40 |         | 550.0  | 2.1  | 37.0  |        |    |      |      |                  |                  |                 | 580.0   |      |      |       | 1169  |
| 37  | 7.30 |         | 381.0  |      | 162.0 | 31.0   |    |      |      | 19.0             | 84.0             | 388.0           | 628.0   |      |      |       | 1650  |
| 38  | 8.50 |         | 140.0  | 0.8  | 16.0  |        |    |      |      |                  |                  |                 | 124.0   |      |      |       | 281   |
| 39  | 7.50 |         | 445.0  |      | 133.0 | 36.0   |    |      | 1.6  | 16.0             | 82.0             | 827.0           | 365.0   | 1.40 |      |       | 1870  |
| 40  | 8.60 |         | 832.0  | 8.4  | 38.0  |        |    |      |      |                  |                  |                 |         |      |      |       | 878   |
| 41  | 7.70 |         | 4300.0 | 15.0 | 410.0 | 150.0  |    |      | 3.7  | 11.0             | 109.0            | 8100.0          | 2200.0  | 0.60 |      |       | 15243 |
| 42  | 8.30 |         | 3780.0 | 15.0 | 630.0 |        |    |      |      |                  |                  |                 | 4920.0  |      |      |       | 9345  |
| 43  | 9.50 |         | 110.0  | 1.0  | 1.7   | 0.8    |    |      | 0.7  | 59.0             | 130.0            | 14.0            | 79.0    | 4.00 |      |       | 334   |
| 44  | 7.60 |         | 240.0  | 6.1  | 69.0  | 13.0   |    |      | 0.8  | 40.0             | 130.0            | 130.0           | 340.0   | 1.30 |      |       | 923   |
| 45  | 9.50 |         | 120.0  | 1.0  | 1.0   |        |    |      | 0.7  | 50.0             | 111.0            | 25.0            | 99.0    | 3.20 |      | 390   | 394   |
| 46  | 8.90 |         | 110.0  | 0.6  | 2.0   | 0.5    |    |      | 0.7  | 25.0             | 149.0            | 13.0            | 69.0    | 5.20 |      |       | 300   |
| 47  | 7.90 |         | 89.0   | 5.0  | 49.0  | 8.0    |    |      |      |                  | 115.0            | 113.0           | 85.0    | 0.60 |      |       | 455   |
| 48  | 7.70 |         | 978.0  | 53.0 | 138.0 | 33.0   |    |      | 0.9  | 25.0             | 397.0            | 208.0           | 1530.0  | 2.00 |      | 3540  | 4060  |
| 49  | 8.20 |         | 880.0  | 50.0 | 74.0  | 35.0   |    | 4.00 | 4.7  | 78.0             | 140.0            | 201.0           | 1400.0  | 4.00 |      | 3500  | 2810  |
| 50  | 7.80 |         | 980.0  | 46.0 | 132.0 | 33.0   |    |      |      |                  | 305.0            | 207.0           | 1540.0  | 3.20 |      |       | 3270  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K     | Ca    | Mg    | Fe | Li | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As | TDSm  | TDSc  |
|-----|------|---------|--------|-------|-------|-------|----|----|------|------------------|------------------|-----------------|---------|------|----|-------|-------|
| 51  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 52  | 6.50 |         | 1380.0 | 77.0  | 245.0 | 57.0  |    |    | 6.6  | 66.0             | 773.0            | 171.0           | 2240.0  | 3.50 |    | 4670  | 4670  |
| 53  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 54  | 7.10 |         | 1224.0 | 56.0  | 191.0 | 39.0  |    |    | 5.0  |                  | 525.0            | 198.0           | 1918.0  | 3.90 |    | 4080  | 4077  |
| 55  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 56  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 57  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 58  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 59  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 60  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 61  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 62  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 63  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 64  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 65  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 66  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 67  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 68  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 69  | 6.80 |         | 600.0  | 17.0  | 44.0  | 21.0  |    |    | 4.2  | 29.0             | 608.0            | 250.0           | 540.0   |      |    | 1790  | 1810  |
| 70  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 71  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 72  | 6.40 |         | 7200.0 | 504.0 | 854.0 | 232.0 |    |    | 50.0 |                  | 1684.0           | 377.0           | 12423.0 | 1.80 |    | 23000 | 23271 |
| 73  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 74  |      |         |        |       |       |       |    |    |      |                  |                  |                 |         |      |    |       |       |
| 75  | 7.40 |         | 384.0  |       | 134.0 | 49.0  |    |    |      | 3.0              | 100.0            | 275.0           | 710.0   |      |    | 1600  | 1600  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na      | K       | Ca      | Mg    | Fe | Li     | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl       | F     | As    | TD5m   | TD5c   |
|-----|------|---------|---------|---------|---------|-------|----|--------|-------|------------------|------------------|-----------------|----------|-------|-------|--------|--------|
| 76  | 7.50 |         | 10600.0 | 1250.0  | 1130.0  | 74.0  |    | 40.00  | 100.0 | 120.0            | 574.0            | 621.0           | 19700.0  | 1.00  | 0.20  |        | 34700  |
| 77  |      |         |         |         |         |       |    |        |       |                  |                  |                 |          |       |       |        |        |
| 78  | 7.40 |         | 5540.0  | 307.0   | 360.0   | 22.0  |    | 12.00  | 69.0  | 71.0             | 1260.0           | 218.0           | 9010.0   | 2.80  |       | 16300  | 16300  |
| 79  |      |         | 70000.0 | 24000.0 | 34470.0 | 18.0  |    |        | 149.0 | 5.0              |                  | 34.0            | 201757.0 |       |       |        | 334987 |
| 80  | 5.20 |         | 50400.0 | 17500.0 | 28000.0 | 54.0  |    | 215.00 | 390.0 | 400.0            | 150.0            | 5.0             | 155000.0 | 15.00 |       | 340000 | 257800 |
| 81  | 4.64 |         | 53000.0 | 16500.0 | 27800.0 | 10.0  |    |        | 390.0 | 400.0            | 1015.0           |                 | 155000.0 |       |       | 260000 | 259000 |
| 82  | 4.90 |         | 62800.0 | 20800.0 | 31500.0 | 16.0  |    |        | 350.0 |                  | 40.0             | 49.0            | 185000.0 |       |       |        | 318000 |
| 83  |      |         |         |         |         |       |    |        |       |                  |                  |                 |          |       |       |        |        |
| 84  |      |         |         |         |         |       |    |        |       |                  |                  |                 |          |       |       |        |        |
| 85  | 6.10 |         | 47300.0 | 7960.0  | 23600.0 | 110.0 |    | 76.00  |       | 435.0            | 62.0             | 10.0            | 123389.0 | 12.00 | 0.20  |        | 203406 |
| 86  | 6.40 |         | 30000.0 | 3200.0  | 7800.0  | 120.0 |    | 67.00  |       | 150.0            |                  |                 | 52000.0  |       |       |        | 98600  |
| 87  | 5.60 |         | 60100.0 | 15000.0 | 29800.0 | 35.0  |    | 243.00 | 280.0 |                  | 114.0            | 1.0             | 167000.0 |       |       | 390000 | 285000 |
| 88  | 5.30 |         | 36340.0 | 7820.0  | 14550.0 | 780.0 |    | 49.00  | 210.0 | 350.0            | 60.0             | 58.0            | 93650.0  | 2.40  | 10.00 | 280000 | 153836 |
| 89  |      |         |         |         |         |       |    |        |       |                  |                  |                 |          |       |       |        |        |
| 90  | 7.93 |         | 682.0   | 5.2     | 93.0    |       |    |        |       |                  |                  |                 | 405.0    |       |       |        | 1185   |
| 91  |      |         | 708.0   |         | 54.0    | 48.0  |    |        | 0.5   |                  | 628.0            | 267.0           | 763.0    |       |       |        | 2148   |
| 92  | 7.60 |         | 502.0   |         | 20.0    | 11.0  |    |        |       | 24.0             | 278.0            | 275.0           | 477.0    | 1.40  |       |        | 1450   |
| 93  | 8.00 |         | 530.0   | 3.7     | 19.0    | 9.7   |    | 0.24   | 2.7   | 36.0             | 293.0            | 300.0           | 510.0    | 1.50  |       |        | 1710   |
| 94  | 7.80 |         | 620.0   | 5.4     | 11.0    | 11.0  |    | 0.32   | 2.6   | 36.0             | 1308.0           | 100.0           | 230.0    | 1.40  |       | 2330   | 2330   |
| 95  | 8.10 |         | 500.0   | 3.0     | 9.7     | 4.2   |    | 0.17   | 2.4   | 38.0             | 486.0            | 120.0           | 450.0    | 2.00  |       | 1600   | 1620   |
| 96  | 7.90 |         | 489.0   |         | 17.0    | 2.6   |    |        |       | 23.0             | 368.0            | 115.0           | 490.0    | 1.50  |       |        | 1320   |
| 97  | 8.00 |         | 1100.0  | 9.4     | 43.0    | 14.0  |    | 0.63   | 9.7   | 33.0             | 380.0            | 620.0           | 1200.0   | 1.30  |       | 3160   | 3220   |
| 98  | 7.80 |         | 448.0   |         | 14.0    | 9.0   |    |        |       | 14.0             | 268.0            | 160.0           | 467.0    | 1.50  |       |        | 1250   |
| 99  | 7.80 |         | 1200.0  | 7.7     | 37.0    | 11.0  |    | 0.68   | 8.9   | 27.0             | 292.0            | 60.0            | 1700.0   | 1.30  |       | 3350   | 3350   |
| 100 | 8.20 |         | 560.0   | 3.8     | 21.0    | 10.0  |    | 0.32   | 2.5   | 22.0             | 233.0            | 250.0           | 610.0    | 1.20  |       | 1730   | 1730   |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K   | Ca    | Mg   | Fe | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F    | As | TDSm | TDSc |
|-----|------|---------|--------|-----|-------|------|----|------|------|------------------|------------------|-----------------|--------|------|----|------|------|
| 101 | 8.20 |         | 530.0  | 2.6 | 32.0  |      |    |      |      |                  |                  |                 | 562.0  |      |    |      | 1127 |
| 102 | 8.10 |         | 580.0  | 4.1 | 23.0  | 9.3  |    | 0.41 | 4.7  | 31.0             | 273.0            | 240.0           | 660.0  | 1.00 |    |      | 1830 |
| 103 | 8.10 |         | 572.0  |     | 19.0  | 9.8  |    |      |      | 3.0              | 210.0            | 205.0           | 672.0  |      |    |      | 1610 |
| 104 |      |         | 493.0  | 5.0 | 14.0  | 7.0  |    |      | 1.9  |                  | 240.0            | 152.0           | 553.0  | 1.20 |    | 1320 | 1343 |
| 105 | 8.20 |         | 504.0  |     | 14.0  | 8.3  |    |      |      | 23.0             | 314.0            | 210.0           | 488.0  |      |    |      | 1400 |
| 106 | 7.80 |         | 950.0  | 6.4 | 22.0  |      |    |      |      |                  |                  |                 | 910.0  |      |    |      | 1888 |
| 107 | 8.30 |         | 490.0  | 3.1 | 9.9   | 3.3  |    | 0.18 | 2.4  | 30.0             | 550.0            | 120.0           | 400.0  | 1.90 |    | 1610 | 1610 |
| 108 | 8.20 |         | 447.0  |     | 11.0  | 4.0  |    |      |      | 15.0             | 316.0            | 125.0           | 442.0  | 1.70 |    |      | 1200 |
| 109 | 8.40 |         | 500.0  | 2.9 | 8.7   | 3.3  |    | 0.17 | 1.8  | 29.0             | 480.0            | 130.0           | 450.0  | 1.40 |    | 1610 | 1610 |
| 110 | 7.70 |         | 980.0  | 8.7 | 29.0  | 10.0 |    | 0.56 | 3.7  | 33.0             | 453.0            | 540.0           | 960.0  | 1.30 |    | 3020 | 3020 |
| 111 | 7.80 |         | 900.0  | 4.5 | 19.0  | 12.0 |    | 0.13 | 5.7  | 30.0             | 685.0            | 160.0           | 820.0  | 1.20 |    | 2640 | 2640 |
| 112 | 7.80 |         | 1200.0 | 6.9 | 40.0  | 15.0 |    | 0.23 | 2.0  | 35.0             | 897.0            | 310.0           | 1300.0 | 1.00 |    | 3810 | 3810 |
| 113 | 7.70 |         | 1100.0 | 8.9 | 29.0  | 14.0 |    | 0.50 | 2.2  | 32.0             | 554.0            | 270.0           | 1400.0 | 1.00 |    | 3410 | 3410 |
| 114 | 7.70 |         | 1760.0 |     | 135.0 | 77.0 |    |      |      | 13.0             | 334.0            | 2200.0          | 1360.0 |      |    |      | 5710 |
| 115 | 8.20 |         | 570.0  | 3.4 | 8.8   | 4.0  |    | 0.14 | 4.9  | 44.0             | 843.0            | 100.0           | 380.0  | 1.90 |    | 1960 | 1960 |
| 116 | 8.60 |         | 562.0  |     | 13.0  |      |    |      |      | 29.0             | 816.0            | 121.0           | 328.0  | 1.70 |    |      | 1055 |
| 117 | 8.20 |         | 555.0  |     | 11.0  | 4.0  |    |      |      | 27.0             | 748.0            | 145.0           | 342.0  | 1.80 |    |      | 1460 |
| 118 | 8.20 |         | 518.0  | 2.6 | 10.0  |      |    |      |      |                  |                  |                 |        |      |    |      | 531  |
| 119 | 8.00 |         | 593.0  |     |       |      |    |      |      |                  | 211.0            | 336.0           | 608.0  |      |    |      | 1680 |
| 120 | 7.60 |         | 1050.0 |     | 60.0  | 53.0 |    |      |      | 21.0             | 510.0            | 575.0           | 1160.0 |      |    |      | 3170 |
| 121 | 7.80 |         | 1000.0 | 5.9 | 52.0  | 45.0 |    | 0.17 | 3.7  | 36.0             | 563.0            |                 | 1200.0 | 1.20 |    | 3400 | 3400 |
| 122 | 8.20 |         | 520.0  | 3.1 | 10.0  | 4.2  |    | 0.12 | 5.5  | 31.0             | 822.0            | 81.0            | 340.0  | 2.00 |    | 1820 | 1820 |
| 123 | 8.10 |         | 610.0  | 3.7 | 22.0  | 4.2  |    | 0.15 | 13.0 | 36.0             | 811.0            | 130.0           | 490.0  | 1.60 |    | 2120 | 2120 |
| 124 | 7.70 |         | 940.0  | 8.0 | 33.0  | 10.0 |    | 0.42 | 6.8  | 33.0             | 382.0            | 550.0           | 1000.0 | 1.20 |    | 2970 | 2970 |
| 125 | 8.40 |         | 390.0  | 2.1 | 4.8   | 2.0  |    | 0.11 | 7.6  | 23.0             | 654.0            | 130.0           | 170.0  | 3.30 |    | 1390 | 1390 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K   | Ca   | Mg   | Fe | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F    | As | TDSm | TDSc |
|-----|------|---------|--------|-----|------|------|----|------|-----|------------------|------------------|-----------------|--------|------|----|------|------|
| 126 | 8.40 |         | 390.0  | 2.0 | 6.2  | 2.1  |    | 0.12 | 1.1 | 23.0             | 622.0            | 120.0           | 200.0  | 2.90 |    | 1370 | 1370 |
| 127 | 8.20 |         | 420.0  | 3.0 | 12.0 | 5.2  |    | 0.25 | 9.0 | 30.0             | 203.0            | 130.0           | 500.0  | 1.30 |    | 1310 | 1310 |
| 128 | 8.10 |         | 385.0  |     | 8.0  |      |    | 3.00 |     | 29.0             | 432.0            | 105.0           | 284.0  | 1.80 |    |      | 1030 |
| 129 | 8.20 |         | 310.0  | 2.2 | 13.0 | 5.3  |    | 0.08 | 0.8 | 18.0             | 313.0            | 57.0            | 300.0  | 1.60 |    | 1020 | 1020 |
| 130 | 7.90 |         | 411.0  |     | 7.4  | 4.3  |    |      |     | 23.0             | 528.0            | 98.0            | 275.0  | 2.00 |    |      | 1080 |
| 131 | 8.30 |         | 380.0  | 2.0 | 7.6  | 3.0  |    | 0.08 | 2.8 | 28.0             | 448.0            | 100.0           | 300.0  | 2.60 |    |      | 1270 |
| 132 | 7.90 |         | 900.0  | 5.7 | 31.0 | 8.2  |    | 0.36 | 2.7 | 28.0             | 272.0            | 130.0           | 1200.0 | 1.70 |    | 2580 | 2580 |
| 133 | 1.30 |         | 375.0  | 1.7 | 6.3  |      |    |      |     |                  |                  |                 | 254.0  |      |    |      | 637  |
| 134 | 810  |         | 765.0  |     | 27.0 | 6.9  |    |      |     | 23.0             | 332.0            | 135.0           | 955.0  |      |    |      | 1310 |
| 135 | 8.20 |         | 500.0  | 3.0 | 8.7  | 3.9  |    | 0.11 | 2.6 | 37.0             | 750.0            | 87.0            | 350.0  | 2.30 |    | 1740 | 1740 |
| 136 | 7.90 |         | 530.0  | 4.2 | 26.0 | 15.0 |    | 0.09 | 3.7 | 24.0             | 704.0            | 280.0           | 330.0  | 1.70 |    | 1920 | 1920 |
| 137 | 8.20 |         | 780.0  |     | 31.0 | 21.0 |    |      |     | 27.0             | 684.0            | 250.0           | 735.0  |      |    |      | 1399 |
| 138 | 8.00 |         | 590.0  | 4.2 | 29.0 | 13.0 |    | 0.11 | 2.8 | 33.0             | 746.0            | 190.0           | 530.0  | 1.30 |    | 2140 | 2140 |
| 139 | 8.00 |         | 620.0  | 4.6 | 30.0 | 17.0 |    | 0.11 | 2.7 | 24.0             | 655.0            | 370.0           | 420.0  | 1.30 |    | 2150 | 2150 |
| 140 | 8.20 |         | 480.0  |     | 9.1  | 3.5  |    |      | 3.2 | 30.0             | 676.0            | 65.0            | 315.0  | 2.60 |    | 1240 | 1240 |
| 141 | 8.40 |         | 421.0  |     | 8.0  | 3.0  |    |      |     | 39.0             | 644.0            | 114.0           | 213.0  |      |    |      | 1120 |
| 142 | 8.30 |         | 460.0  | 2.5 | 9.1  | 3.5  |    | 0.11 | 4.4 | 38.0             | 721.0            | 110.0           | 260.0  | 2.80 |    | 1610 | 1610 |
| 143 | 8.20 |         | 407.0  |     |      |      |    |      |     |                  | 618.0            | 96.0            | 218.0  |      |    |      | 1024 |
| 144 | 7.60 |         | 405.0  | 3.0 | 7.6  | 3.0  |    |      | 3.3 |                  | 609.0            | 96.0            | 206.0  | 3.10 |    | 1030 | 1020 |
| 145 | 8.10 |         | 490.0  | 2.9 | 11.0 | 4.0  |    | 0.11 | 2.5 | 33.0             | 800.0            | 84.0            | 320.0  | 2.00 |    | 1750 | 1750 |
| 146 | 8.30 |         | 367.0  |     | 9.0  | 3.0  |    |      |     | 26.0             | 618.0            | 134.0           | 127.0  | 2.80 |    |      | 978  |
| 147 | 7.60 |         | 1790.0 |     | 54.0 | 67.0 |    |      |     | 29.0             | 824.0            | 233.0           | 2400.0 |      |    | 4990 | 4990 |
| 148 | 7.80 |         | 670.0  | 4.9 | 22.0 | 17.0 |    | 0.12 | 1.9 | 37.0             | 673.0            | 190.0           | 600.0  | 1.80 |    | 1795 | 2220 |
| 149 | 8.00 |         | 865.0  |     | 45.0 | 35.0 |    |      | 2.2 | 41.0             | 508.0            | 356.0           | 960.0  | 1.10 |    | 2955 | 2600 |
| 150 |      |         |        |     |      |      |    |      |     |                  |                  |                 |        |      |    |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K      | Ca     | Mg    | Fe | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As   | TDSm  | TDSc  |
|-----|------|---------|--------|--------|--------|-------|----|------|-----|------------------|------------------|-----------------|---------|------|------|-------|-------|
| 151 | 7.20 |         | 2300.0 |        | 560.0  | 361.0 |    |      |     | 8.0              | 268.0            | 1200.0          | 4550.0  |      |      | 9500  | 9110  |
| 152 |      |         |        |        |        |       |    |      |     |                  |                  |                 |         |      |      |       |       |
| 153 | 7.70 |         | 3312.0 | 59.0   | 417.0  | 119.0 |    |      | 2.2 | 22.0             | 281.0            | 452.0           | 6000.0  | 3.00 |      | 10250 | 10520 |
| 154 |      |         |        |        |        |       |    |      |     |                  |                  |                 |         |      |      |       |       |
| 155 | 6.40 |         | 3200.0 | 220.0  | 860.0  | 4.7   |    | 3.20 |     | 75.0             |                  |                 | 6500.0  |      |      |       | 12800 |
| 156 | 6.30 |         | 3600.0 | 240.0  | 860.0  | 37.0  |    | 3.80 |     | 85.0             |                  |                 | 6300.0  |      |      |       | 11800 |
| 157 | 7.10 |         | 3600.0 | 360.0  | 880.0  | 2.4   |    | 6.60 | 4.8 | 120.0            | 20.0             | 100.0           | 9000.0  | 1.60 |      |       | 14080 |
| 158 | 8.00 |         | 500.0  | 3.2    | 11.0   | 4.7   |    | 0.12 | 3.6 | 26.0             | 797.0            | 110.0           | 300.0   | 2.00 |      | 1290  | 1760  |
| 159 | 8.00 |         | 500.0  | 4.0    | 13.0   | 3.0   |    |      | 2.0 |                  | 666.0            | 99.0            | 304.0   | 1.90 |      | 1315  | 1313  |
| 160 | 8.00 |         | 484.0  |        | 13.0   | 1.8   |    |      |     | 29.0             | 692.0            | 120.0           | 282.0   | 1.20 |      |       | 1280  |
| 161 | 7.90 |         | 794.0  |        | 18.0   | 6.6   |    |      |     | 32.0             | 470.0            | 180.0           | 870.0   |      |      | 2090  | 2140  |
| 162 |      |         |        |        |        |       |    |      |     |                  |                  |                 |         |      |      |       |       |
| 163 | 7.80 |         | 350.0  | 2.5    | 15.0   | 7.9   |    | 0.04 | 3.2 | 23.0             | 492.0            | 79.0            | 290.0   | 1.70 |      | 960   | 1270  |
| 164 | 8.00 |         | 790.0  | 4.6    | 20.0   | 6.1   |    | 0.21 | 3.6 | 29.0             | 374.0            | 150.0           | 950.0   | 1.40 |      | 2085  | 2330  |
| 165 | 8.00 |         | 828.0  | 3.9    | 32.0   |       |    |      |     |                  |                  |                 | 861.0   |      |      |       | 1725  |
| 166 | 8.20 |         | 450.0  | 2.5    | 9.0    | 3.3   |    | 0.09 | 6.7 | 41.0             | 700.0            | 130.0           | 260.0   | 2.30 |      | 1600  | 1600  |
| 167 | 8.30 |         | 385.0  |        | 1.1    | 1.0   |    |      |     | 21.0             | 634.0            | 170.0           | 115.0   | 2.80 |      |       | 1020  |
| 168 | 8.40 |         | 420.0  | 2.2    | 7.6    | 2.7   |    | 0.12 | 2.7 | 25.0             | 612.0            | 160.0           | 220.0   | 3.90 |      | 1460  | 1460  |
| 169 | 8.20 |         | 570.0  | 3.7    | 17.0   | 5.5   |    | 0.16 | 2.9 | 22.0             | 435.0            | 170.0           | 600.0   | 2.20 |      |       | 1830  |
| 170 | 8.40 |         | 370.0  | 2.1    | 6.7    | 2.0   |    | 0.13 | 3.5 | 23.0             | 592.0            | 140.0           | 160.0   | 3.40 |      |       | 1300  |
| 171 | 8.30 |         | 300.0  |        | 8.2    | 1.6   |    |      |     | 14.0             | 450.0            | 76.0            | 159.0   | 3.00 |      |       | 787   |
| 172 |      |         |        |        |        |       |    |      |     |                  |                  |                 |         |      |      |       |       |
| 173 | 8.20 |         | 610.0  | 3.5    | 11.0   | 5.2   |    | 0.12 | 3.2 | 22.0             | 863.0            | 74.0            | 490.0   | 1.60 |      | 2080  | 2080  |
| 174 | 7.70 |         | 760.0  | 69.0   | 13.0   |       |    | 4.00 |     | 250.0            | 715.0            | 202.0           | 710.0   | 3.20 |      |       | 2377  |
| 175 | 5.45 |         | 8100.0 | 1050.0 | 1360.0 | 17.0  |    |      | 9.8 | 320.0            | 202.0            | 43.0            | 15850.0 | 1.00 | 0.30 |       | 26889 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca   | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F    | As | TDsm | TDSc |
|-----|------|---------|--------|------|------|------|------|------|------|------------------|------------------|-----------------|--------|------|----|------|------|
| 176 | 8.40 |         | 405.0  | 3.9  | 24.0 |      |      |      |      |                  |                  |                 |        |      |    |      | 435  |
| 177 | 6.70 |         | 798.0  | 49.0 | 47.0 | 4.0  |      |      |      | 130.0            | 705.0            | 196.0           | 825.0  |      |    |      | 2394 |
| 178 | 7.50 |         | 1195.0 | 27.0 | 44.0 | 3.2  |      |      | 4.0  | 58.0             | 329.0            | 60.0            | 1710.0 | 1.10 |    | 3280 | 3260 |
| 179 | 7.80 |         | 840.0  | 5.2  | 24.0 |      |      |      |      |                  |                  |                 | 995.0  |      |    |      | 1864 |
| 180 | 8.30 |         | 315.0  | 1.6  | 7.0  |      |      |      |      |                  |                  |                 | 154.0  |      |    |      | 478  |
| 181 | 8.10 |         | 560.0  | 3.6  | 17.0 | 3.5  |      | 0.25 | 3.4  | 26.0             | 314.0            | 120.0           | 630.0  | 2.10 |    | 1680 | 1680 |
| 182 | 8.30 |         | 420.0  | 2.4  | 10.0 | 2.7  |      | 0.10 | 2.2  | 25.0             | 519.0            | 130.0           | 310.0  | 2.30 |    | 1420 | 1420 |
| 183 | 8.00 |         | 615.0  | 3.1  | 9.5  |      |      |      |      |                  |                  |                 | 582.0  |      |    |      | 1210 |
| 184 | 8.00 |         | 576.0  |      | 17.0 | 4.3  |      |      |      | 21.0             | 316.0            | 115.0           | 662.0  |      |    |      | 1550 |
| 185 | 8.10 |         | 450.0  | 2.9  | 17.0 | 4.2  |      | 0.11 | 1.5  | 29.0             | 374.0            | 180.0           | 400.0  | 1.70 |    | 1460 | 1460 |
| 186 |      |         |        |      |      |      |      |      |      |                  |                  |                 |        |      |    |      |      |
| 187 | 6.80 |         | 1135.0 | 86.0 | 79.0 |      |      |      |      |                  |                  |                 |        |      |    |      | 1300 |
| 188 |      |         |        |      |      |      |      |      |      |                  |                  |                 |        |      |    |      |      |
| 189 |      |         |        |      |      |      |      |      |      |                  |                  |                 |        |      |    |      |      |
| 190 |      |         |        |      |      |      |      |      |      |                  |                  |                 |        |      |    |      |      |
| 191 | 8.80 | 1090    | 145.0  | 2.5  | 13.0 |      | 0.06 | 0.34 | 0.7  | 30.0             | 28.0             | 60.0            | 181.0  | 8.10 |    | 510  | 453  |
| 192 |      |         |        |      |      |      |      |      |      |                  |                  |                 |        |      |    |      |      |
| 193 | 6.00 | 1100    | 145.0  | 15.0 | 53.0 | 20.0 |      | 0.18 | 1.1  | 34.0             | 450.0            | 80.0            | 59.0   | 3.00 |    |      | 634  |
| 194 | 6.78 |         | 210.0  | 20.0 | 63.0 | 19.0 |      |      | 1.6  | 45.0             | 433.0            | 260.0           | 66.0   | 5.40 |    |      | 897  |
| 195 | 7.17 |         | 210.0  | 20.0 | 61.0 | 18.0 |      |      | 1.4  | 44.0             | 421.0            | 250.0           | 65.0   | 5.20 |    | 1000 | 876  |
| 196 | 7.90 |         | 231.0  | 22.0 | 51.0 | 22.0 |      |      | 1.1  | 54.0             | 368.0            | 210.0           | 67.0   | 6.40 |    | 1050 | 850  |
| 197 | 8.30 |         | 23.0   | 5.1  | 88.0 | 34.0 |      |      | 0.4  | 29.0             | 155.0            | 263.0           | 10.0   | 0.30 |    | 540  | 539  |
| 198 | 7.70 |         | 440.0  | 46.0 | 22.0 | 65.0 |      | 1.20 | 1.0  | 74.0             | 1213.0           | 20.0            | 238.0  | 0.40 |    |      | 1502 |
| 199 | 7.60 |         | 2000.0 | 95.0 | 48.0 | 70.0 |      |      | 19.0 | 94.0             | 3000.0           | 52.0            | 1600.0 |      |    | 5530 | 7813 |
| 200 | 20   |         | 14.0   | 28.0 | 18.0 | 81.0 |      |      | 0.6  | 326.0            | 1.0              | 1450.0          |        | 0.90 |    | 2500 | 2260 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na      | K     | Ca   | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As   | TDSm  | TDSc  |
|-----|------|---------|---------|-------|------|------|------|------|------|------------------|------------------|-----------------|---------|------|------|-------|-------|
| 201 | 8.50 |         | 1630.0  | 244.0 | 74.0 | 1.0  |      |      | 72.0 | 154.0            | 156.0            | 53.0            | 3040.0  | 2.20 | 7.50 | 2500  | 5345  |
| 202 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 203 |      |         | 328.0   |       | 48.0 |      |      |      |      |                  | 745.0            | 54.0            | 163.0   |      |      | 920   | 960   |
| 204 | 6.00 | 320     | 30.0    |       | 43.0 | 7.0  | 0.06 |      | 0.4  | 38.0             | 114.0            | 29.0            | 44.0    | 0.60 |      |       | 250   |
| 205 | 8.30 |         | 4230.0  | 47.0  | 22.0 | 14.0 |      |      | 39.0 | 15.0             | 531.0            | 1350.0          | 5000.0  | 1.30 |      | 13000 | 10980 |
| 206 |      |         | 20300.0 |       | 16.0 | 0.4  |      |      | 40.0 |                  |                  | 8520.0          | 23500.0 |      |      | 53900 | 53450 |
| 207 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 208 |      |         | 28.0    |       | 66.0 | 23.0 |      |      | 0.3  |                  | 134.0            | 168.0           | 30.0    |      |      | 420   | 381   |
| 209 | 7.10 | 3790    | 575.0   | 16.0  | 5.0  | 2.0  |      | 0.21 | 7.7  | 66.0             | 711.0            | 289.0           | 389.0   | 3.50 |      |       | 1705  |
| 210 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 211 | 8.10 | 4450    | 705.0   | 16.0  | 5.0  |      |      | 0.16 | 9.4  | 67.0             | 644.0            | 464.0           | 543.0   | 3.20 |      |       | 2156  |
| 212 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 213 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 214 | 7.30 |         | 244.0   | 21.0  | 42.0 | 28.0 |      |      | 4.0  |                  | 374.0            | 247.0           | 144.0   | 1.60 |      | 1000  | 965   |
| 215 | 8.00 |         | 145.0   | 11.0  | 26.0 | 22.0 |      | 0.13 |      | 43.0             | 321.0            | 158.0           | 39.0    | 3.00 |      | 700   | 601   |
| 216 | 6.70 | 1025    | 120.0   | 11.0  | 42.0 | 21.0 |      | 0.13 | 0.9  | 22.0             | 340.0            | 224.0           | 38.0    | 3.50 |      | 800   | 652   |
| 217 | 7.40 |         | 932.0   | 42.0  | 89.0 | 43.0 |      | 0.78 | 8.6  | 60.0             | 1210.0           | 719.0           | 514.0   | 7.00 |      | 3630  | 3001  |
| 218 | 6.60 | 310     | 63.0    | 4.0   | 2.0  |      |      | 0.06 |      | 42.0             | 39.0             | 80.0            | 11.0    | 4.20 |      |       | 240   |
| 219 | 6.80 | 335     | 60.0    | 4.0   | 5.0  |      | 0.09 | 0.05 |      | 40.0             |                  | 76.0            | 10.0    | 4.40 |      |       |       |
| 220 | 7.60 | 540     | 111.0   | 5.0   | 7.0  | 1.0  |      | 0.15 | 2.1  | 48.0             |                  |                 | 41.0    | 8.00 |      |       |       |
| 221 | 8.30 | 308     | 56.0    | 4.0   | 4.0  | 1.0  |      | 0.08 | 1.7  | 36.0             | 62.0             |                 | 44.0    | 5.00 |      |       | 204   |
| 222 | 8.90 | 375     | 74.0    | 4.0   | 14.0 |      |      |      | 3.5  | 45.0             | 86.0             | 21.0            | 90.0    | 3.20 |      |       | 300   |
| 223 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |
| 224 | 8.05 | 343     | 71.0    | 4.0   | 2.0  | 1.0  |      |      | 3.8  | 56.0             | 63.0             | 10.0            | 64.0    | 2.20 |      |       | 278   |
| 225 |      |         |         |       |      |      |      |      |      |                  |                  |                 |         |      |      |       |       |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH    | CONDUCT | Na      | K     | Ca    | Mg    | Fe | Li    | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F    | As   | TDSm | TDSc |
|-----|-------|---------|---------|-------|-------|-------|----|-------|-------|------------------|------------------|-----------------|---------|------|------|------|------|
| 226 | 7.20  |         | 84.0    | 4.2   | 65.0  | 9.2   |    |       |       |                  |                  | 99.0            | 152.0   | 0.60 |      | 430  | 455  |
| 227 | 9.10  |         | 82.0    | 0.8   | 2.8   | 1.0   |    |       |       |                  |                  | 21.0            | 14.0    | 0.80 |      | 210  | 210  |
| 228 | 8.60  |         | 407.0   | 7.1   | 3.4   | 0.6   |    |       | 3.0   |                  |                  | 815.0           | 152.0   | 4.00 |      | 1000 | 1000 |
| 229 | 7.40  |         | 414.0   | 11.0  | 176.0 | 33.0  |    |       | 2.4   | 63.0             |                  | 73.0            | 895.0   | 0.20 |      | 1760 | 1740 |
| 230 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 231 | 9.10  |         | 53.0    |       | 1.5   | 2.3   |    |       |       |                  | 96.0             |                 | 28.0    | 0.00 |      | 170  | 132  |
| 232 | 7.70  |         | 484.0   | 4.8   | 301.0 | 140.0 |    |       | 5.5   | 14.0             | 207.0            | 1740.0          | 264.0   | 0.60 |      | 3060 | 3060 |
| 233 | 7.80  |         | 66.0    | 3.3   | 58.0  | 17.0  |    |       |       | 21.0             | 156.0            | 197.0           | 21.0    | 0.20 |      | 360  | 476  |
| 234 | 7.70  |         | 430.0   | 10.0  | 230.0 | 181.0 |    |       | 3.8   |                  | 337.0            | 1560.0          | 250.0   |      |      | 2830 | 2830 |
| 235 | 6.70  | 435     | 56.0    | 1.0   | 14.0  | 4.0   |    | 0.06  | 0.6   | 29.0             | 133.0            | 69.0            | 37.0    | 1.10 |      |      | 277  |
| 236 | 8.10  | 352     | 54.0    | 4.0   | 13.0  | 1.0   |    | 0.09  | 1.2   | 38.0             | 594.0            |                 | 47.0    | 4.00 |      |      | 479  |
| 237 | 7.80  |         | 1650.0  | 34.0  | 50.0  | 188.0 |    | 4.40  | 277.0 | 154.0            | 3680.0           | 29.0            | 1120.0  | 0.40 |      | 5350 | 5350 |
| 238 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 239 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 240 | 7.25  |         | 2340.0  | 54.3  | 154.0 | 529.0 |    | 22.60 | 366.0 | 179.0            | 4319.0           | 34.9            | 3181.0  | 0.37 | 1.40 |      |      |
| 241 | 10.82 |         | 11845.0 | 335.0 | 3.7   | 22.9  |    |       | 17.0  | 15.0             |                  | 48.5            | 17260.0 | 0.14 |      |      |      |
| 242 | 7.04  |         | 2290.0  | 242.0 | 89.7  | 588.0 |    | 9.35  | 288.0 | 100.0            | 4900.0           | 175.0           | 3384.0  | 0.64 | 0.90 |      |      |
| 243 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 244 | 6.59  |         | 196.0   | 11.8  | 105.0 | 47.2  |    | 0.51  | 14.8  | 149.0            | 809.0            | 0.2             | 169.0   |      |      |      |      |
| 245 | 7.05  |         | 2686.0  | 45.0  | 52.3  | 686.0 |    | 3.80  | 167.0 | 90.0             | 4845.0           | 12.2            | 3750.0  | 0.40 | 0.90 |      |      |
| 246 | 8.10  |         | 1340.0  | 44.0  | 26.0  | 23.0  |    | 6.40  | 828.0 | 203.0            | 2600.0           | 680.0           | 900.0   | 1.40 |      |      | 5700 |
| 247 | 7.50  |         | 1100.0  | 33.0  | 7.0   | 22.0  |    | 4.80  | 60.0  | 72.0             | 2960.0           | 454.0           | 690.0   | 1.00 |      | 8000 | 4990 |
| 248 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 249 |       |         |         |       |       |       |    |       |       |                  |                  |                 |         |      |      |      |      |
| 250 | 5.86  |         | 100.0   | 12.0  | 92.0  | 130.0 |    |       |       | 140.0            | 1180.0           | 1.0             | 63.0    |      |      | 1180 | 1116 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K     | Ca    | Mg    | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F    | As   | TDsm | TDSc |
|-----|------|---------|--------|-------|-------|-------|------|------|-------|------------------|------------------|-----------------|--------|------|------|------|------|
| 251 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 252 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 253 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 254 |      |         | 484.0  | 36.0  | 93.0  | 111.0 |      |      | 5.8   | 110.0            | 1171.0           | 639.0           | 164.0  |      |      | 2400 | 2337 |
| 255 |      |         | 134.0  | 12.0  | 295.0 | 231.0 |      |      | 1.0   | 123.0            | 2424.0           |                 | 19.0   |      |      | 2000 | 2030 |
| 256 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 257 | 7.25 |         | 148.0  | 35.5  | 23.4  | 16.0  |      | 1.09 | 29.8  | 189.0            | 386.0            | 25.2            | 153.0  | 0.15 |      |      |      |
| 258 | 5.62 |         | 140.0  | 15.0  | 12.0  | 95.0  |      |      |       | 104.0            | 547.0            | 1.0             | 220.0  |      |      |      | 854  |
| 259 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 260 | 7.54 |         | 56.0   | 3.9   | 10.8  | 31.5  |      | 0.15 | 1.0   | 171.0            | 282.0            | 0.4             | 45.4   |      |      |      |      |
| 261 | 6.88 |         | 162.0  | 20.0  | 30.0  | 238.0 |      |      | 19.0  | 170.0            | 1322.0           | 6.0             | 272.0  | 0.10 |      | 1600 | 1565 |
| 262 | 7.13 |         | 254.0  | 21.7  | 31.6  | 297.0 |      | 1.30 | 37.4  | 156.0            | 1680.0           | 0.1             | 457.0  |      |      |      |      |
| 263 | 6.95 |         | 572.0  | 10.4  | 31.6  | 228.0 |      | 0.61 | 21.0  | 104.0            | 2572.0           | 0.3             | 183.0  |      |      |      |      |
| 264 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 265 | 6.61 |         | 165.0  | 14.8  | 20.8  | 156.0 |      | 0.98 | 15.6  | 141.0            | 901.0            | 46.5            | 255.0  | 0.05 |      |      |      |
| 266 | 6.82 |         | 391.0  | 15.8  | 27.8  | 310.0 |      | 1.26 | 91.0  | 151.0            | 2096.0           | 6.3             | 448.0  |      |      |      |      |
| 267 | 6.42 |         | 39.0   | 9.5   | 157.0 | 52.4  |      | 0.18 |       | 85.0             | 203.0            | 619.0           | 2.1    | 0.35 |      |      |      |
| 268 | 8.94 |         | 130.0  | 0.7   | 3.0   | 1.8   |      | 0.02 | 1.3   | 53.0             | 260.0            | 10.0            | 31.0   | 3.70 |      | 500  | 390  |
| 269 |      |         |        |       | 62.0  |       |      |      |       | 113.0            | 122.0            | 24.0            | 6.0    |      |      |      | 346  |
| 270 | 7.34 |         | 2600.0 | 207.0 | 92.6  | 279.0 |      | 6.25 | 171.0 | 88.0             | 4650.0           | 0.3             | 2985.0 | 0.52 | 0.70 |      |      |
| 271 | 8.40 |         | 50.0   | 1.8   | 7.1   |       |      |      | 0.3   | 34.0             | 72.0             | 43.0            | 15.0   | 2.10 |      | 190  | 254  |
| 272 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |
| 273 | 8.60 |         | 240.0  | 5.9   | 30.0  | 0.1   |      | 0.12 | 3.2   | 85.0             | 34.0             | 370.0           | 110.0  | 2.60 |      | 880  | 880  |
| 274 | 9.11 | 1260    | 200.0  | 3.0   | 34.0  |       | 0.12 | 0.11 | 2.7   | 57.0             | 5.3              | 314.0           |        | 2.00 |      |      | 735  |
| 275 |      |         |        |       |       |       |      |      |       |                  |                  |                 |        |      |      |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K   | Ca   | Mg  | Fe | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDSm | TDSc |
|-----|------|---------|-------|-----|------|-----|----|------|-----|------------------|------------------|-----------------|-------|------|----|------|------|
| 276 | 8.00 |         | 20.0  | 3.8 | 19.0 | 3.4 |    | 0.01 |     | 53.0             | 122.0            | 11.0            | 2.0   | 0.10 |    | 230  | 233  |
| 277 | 7.90 |         | 140.0 | 4.6 | 24.0 | 1.6 |    | 0.05 | 1.4 | 62.0             | 70.0             | 190.0           | 64.0  | 1.20 |    | 560  | 558  |
| 278 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 279 | 7.60 |         | 177.0 | 8.0 | 32.0 | 1.0 |    |      | 1.9 | 66.0             | 36.0             | 260.0           | 98.0  |      |    | 690  | 660  |
| 280 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 281 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 282 | 8.10 |         | 136.0 | 3.0 | 11.0 | 2.0 |    |      | 1.3 | 38.0             | 95.0             | 148.0           | 52.0  |      |    | 450  | 446  |
| 283 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 284 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 285 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 286 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 287 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 288 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 289 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 290 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 291 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 292 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 293 | 8.40 |         | 280.0 | 7.5 | 18.0 | 0.1 |    | 0.12 | 5.5 | 120.0            | 52.0             | 360.0           | 190.0 | 4.10 |    | 1040 | 1040 |
| 294 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 295 | 8.30 |         | 58.0  | 8.0 | 6.0  | 2.2 |    | 0.01 | 0.2 | 42.0             | 114.0            | 32.0            | 17.0  | 0.20 |    | 280  | 279  |
| 296 | 8.90 |         | 227.0 | 6.8 | 16.0 |     |    | 0.30 | 4.1 |                  |                  | 274.0           | 160.0 |      |    | 880  | 830  |
| 297 | 8.43 |         | 250.0 | 5.5 | 14.0 |     |    | 0.08 | 4.0 |                  | 44.0             | 300.0           | 160.0 | 4.40 |    | 880  | 860  |
| 298 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 299 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |
| 300 |      |         |       |     |      |     |    |      |     |                  |                  |                 |       |      |    |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na      | K     | Ca    | Mg    | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As   | TDSm  | TDSc  |
|-----|------|---------|---------|-------|-------|-------|------|------|-------|------------------|------------------|-----------------|--------|-------|------|-------|-------|
| 301 | 8.30 | 320     | 60.0    |       | 3.0   |       | 0.27 | 0.11 | 0.4   | 35.0             | 49.0             | 38.0            | 24.0   | 2.00  |      |       | 197   |
| 302 | 9.00 |         | 336.0   | 4.9   | 76.0  | 0.5   |      | 0.12 | 6.2   | 36.0             | 37.0             | 368.0           | 355.0  | 9.20  |      | 1210  | 1210  |
| 303 | 7.80 |         | 50.0    | 1.2   | 16.0  | 3.2   |      |      |       |                  | 156.0            | 23.0            | 8.0    | 0.40  |      | 190   | 193   |
| 304 | 6.70 |         | 130.0   | 3.0   | 115.0 | 34.0  |      |      |       |                  | 261.0            | 403.0           | 62.0   |       |      |       | 875   |
| 305 | 8.00 |         | 220.0   | 1.3   | 1.6   | 0.1   |      | 0.06 | 1.0   | 21.0             | 466.0            | 76.0            | 12.0   | 1.90  |      | 565   | 565   |
| 306 | 7.10 |         | 400.0   | 8.0   | 76.0  | 62.0  |      |      | 0.5   | 22.0             | 382.0            | 766.0           | 160.0  | 0.10  |      | 1690  | 1690  |
| 307 | 8.40 |         | 410.0   | 1.4   | 2.2   | 0.5   |      | 0.02 | 1.6   | 19.0             | 452.0            | 458.0           | 32.0   | 2.60  |      | 1160  | 1160  |
| 308 |      |         | 722.0   | 21.0  | 6.0   | 2.0   |      |      |       | 26.0             | 161.0            |                 | 200.0  |       |      | 1800  | 1780  |
| 309 | 7.30 |         | 48.0    | 4.0   | 72.0  | 21.0  |      |      | 0.1   | 17.0             | 252.0            | 97.0            | 39.0   | 0.20  |      | 430   | 430   |
| 310 | 7.60 |         | 62.0    | 2.0   | 68.0  | 22.0  |      |      |       |                  | 211.0            | 85.0            | 38.0   | 0.90  |      |       | 380   |
| 311 | 8.40 |         | 42.0    | 2.0   | 87.0  | 21.0  |      |      |       |                  | 267.0            | 120.0           | 32.0   |       |      |       | 435   |
| 312 | 8.80 |         | 2140.0  | 16.0  | 724.0 | 3.8   |      | 0.28 | 5.9   | 31.0             | 55.0             | 37.0            | 4740.0 | 0.90  | 0.20 | 7740  | 7740  |
| 313 | 7.80 |         | 39.0    | 4.0   | 76.0  | 13.0  |      |      |       |                  | 181.0            | 109.0           | 45.0   |       |      | 410   | 413   |
| 314 | 8.30 |         | 86.0    | 3.0   | 20.0  | 2.0   |      |      | 0.3   | 19.0             | 203.0            | 2.0             | 48.0   | 0.40  |      | 270   | 285   |
| 315 | 8.60 |         | 450.0   | 12.0  | 30.0  | 16.0  |      |      |       |                  | 554.0            | 12.0            | 481.0  |       |      | 1530  | 1275  |
| 316 |      |         |         |       |       |       |      |      |       |                  |                  |                 |        |       |      |       |       |
| 317 |      |         |         |       |       |       |      |      |       |                  |                  |                 |        |       |      |       |       |
| 318 | 7.30 |         | 140.0   | 6.2   | 61.0  | 2.5   |      | 0.83 | 1.8   | 150.0            | 516.0            | 33.0            | 7.0    | 4.80  |      | 920   | 923   |
| 319 | 6.70 |         | 4160.0  | 149.0 | 327.0 | 456.0 |      |      | 1.8   | 41.0             | 112.0            | 704.0           | 8030.0 | 2.50  |      | 14000 | 14000 |
| 320 | 8.30 |         | 12700.0 | 198.0 | 7.7   | 382.0 |      | 7.60 | 617.0 | 40.0             | 347.0            | 53.0            | 968.0  | 1.50  | 0.50 | 31900 | 31900 |
| 321 | 7.90 |         | 275.0   | 2.6   | 70.0  | 11.0  |      | 0.12 | 20.0  | 42.0             | 129.0            | 2.0             | 470.0  | 0.50  |      | 1000  | 994   |
| 322 | 7.90 |         | 525.0   | 3.0   | 83.0  | 29.0  |      | 0.07 | 125.0 | 71.0             | 479.0            | 2.0             | 745.0  | 3.10  |      | 1830  | 1820  |
| 323 | 8.60 |         | 140.0   | 1.3   | 4.8   | 0.1   |      | 0.10 | 38.0  | 61.0             | 253.0            | 1.0             | 50.0   | 14.00 |      | 450   | 436   |
| 324 | 8.40 | 600     | 139.0   | 1.9   | 5.5   | 0.3   |      | 0.10 | 48.6  | 55.0             | 249.0            | 3.8             | 52.0   | 13.30 |      | 473   | 445   |
| 325 | 8.29 | 600     | 137.0   | 1.8   | 5.7   | 0.4   |      | 0.09 | 50.8  | 60.4             | 240.0            | 4.2             | 51.0   | 13.60 |      | 487   | 443   |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca    | Mg    | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As | TDSm | TDSc |
|-----|------|---------|--------|------|-------|-------|------|------|-------|------------------|------------------|-----------------|--------|-------|----|------|------|
| 326 | 8.54 | 600     | 141.0  | 1.3  | 3.4   |       |      | 0.09 | 52.4  | 72.4             | 220.0            | 3.8             | 54.0   | 13.80 |    | 497  | 463  |
| 327 | 7.00 | 4760    | 1150.0 | 42.0 | 142.0 | 45.0  | 1.77 |      | 126.0 |                  | 3240.0           | 4.0             | 253.0  | 1.30  |    | 3850 |      |
| 328 | 8.10 |         | 2200.0 | 57.0 |       |       |      | 2.40 | 630.0 | 60.0             | 4140.0           |                 | 1230.0 |       |    |      | 6220 |
| 329 | 9.30 |         | 105.0  | 0.4  | 0.9   | 0.1   |      | 0.05 | 5.2   | 53.0             | 217.0            | 11.0            | 22.0   | 6.30  |    | 310  | 310  |
| 330 | 7.00 |         | 367.0  | 1.4  | 110.0 | 105.0 |      |      | 1.0   | 44.0             | 182.0            | 411.0           | 640.0  | 0.80  |    |      | 1769 |
| 331 | 8.20 |         | 74.0   | 2.5  | 36.0  | 15.0  |      | 0.12 | 1.2   | 33.0             | 278.0            | 58.0            | 20.0   | 0.60  |    | 380  | 381  |
| 332 | 8.70 |         | 178.0  | 2.9  | 3.6   | 0.7   |      | 0.18 | 5.6   | 36.0             | 411.0            | 10.0            | 45.0   | 1.90  |    | 490  | 489  |
| 333 |      |         |        |      |       |       |      |      |       |                  |                  |                 |        |       |    |      |      |
| 334 |      |         |        |      |       |       |      |      |       |                  |                  |                 |        |       |    |      |      |
| 335 | 8.50 | 610     | 130.0  |      | 14.0  |       | 0.10 |      | 4.0   | 55.0             | 126.0            | 58.0            | 110.0  | 4.00  |    |      | 437  |
| 336 | 7.90 |         | 110.0  | 9.5  | 4.2   | 0.1   |      | 0.03 | 0.6   | 82.0             | 133.0            | 86.0            | 31.0   | 2.20  |    | 460  | 458  |
| 337 | 7.60 | 550     | 94.0   | 9.0  | 9.0   | 1.0   | 0.27 | 0.06 | 1.1   | 79.0             | 134.0            | 253.0           | 35.0   | 2.40  |    |      | 551  |
| 338 | 8.30 |         | 62.0   | 7.5  | 4.0   | 0.3   |      |      | 0.6   | 72.0             | 121.0            | 32.0            | 18.0   | 0.90  |    | 260  | 256  |
| 339 | 7.90 |         | 320.0  | 12.0 | 23.0  | 3.8   |      |      | 5.9   | 134.0            | 407.0            | 132.0           | 222.0  | 2.00  |    | 1060 | 1060 |
| 340 | 8.00 |         | 138.0  | 4.0  | 3.2   | 0.5   |      |      | 5.2   | 68.0             | 278.0            | 2.0             | 70.0   | 0.70  |    | 430  | 431  |
| 341 |      |         | 339.0  | 16.4 | 19.0  | 0.2   |      |      | 6.3   | 179.0            | 155.0            | 330.0           | 222.0  | 6.70  |    |      | 1200 |
| 342 | 7.40 |         | 320.0  | 15.0 | 7.7   | 0.1   |      | 0.24 | 6.3   | 200.0            | 112.0            | 320.0           | 220.0  | 7.60  |    | 1210 | 1210 |
| 343 |      |         |        |      |       |       |      |      |       |                  |                  |                 |        |       |    |      |      |
| 344 |      |         |        |      |       |       |      |      |       |                  |                  |                 |        |       |    |      |      |
| 345 |      |         |        |      |       |       |      |      |       |                  |                  |                 |        |       |    |      |      |
| 346 | 7.80 |         | 403.0  | 5.7  | 15.0  | 3.5   |      | 0.10 | 7.6   | 58.0             | 182.0            | 400.0           | 218.0  | 4.40  |    | 1160 | 1200 |
| 347 | 7.70 |         | 300.0  | 9.0  | 28.0  | 0.1   |      | 0.15 | 7.6   | 110.0            | 63.0             | 370.0           | 220.0  | 5.40  |    | 1100 | 1110 |
| 348 | 7.82 |         | 330.0  | 8.5  | 26.0  | 0.6   |      | 0.13 | 7.6   | 110.0            | 84.0             | 390.0           | 220.0  | 5.20  |    | 1180 | 1180 |
| 349 | 8.30 | 1550    | 256.0  | 6.0  | 16.0  |       | 0.03 | 0.09 | 6.0   | 102.0            | 26.0             | 145.0           | 194.0  | 6.60  |    |      | 763  |
| 350 |      |         | 285.0  | 6.0  | 15.0  |       |      | 0.07 | 5.7   | 99.0             | 60.0             | 310.0           | 186.0  | 5.00  |    |      | 936  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca   | Mg  | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | AS   | TDSm | TDSc |
|-----|------|---------|-------|------|------|-----|------|------|------|------------------|------------------|-----------------|-------|------|------|------|------|
| 351 |      |         | 285.0 | 6.0  | 18.0 |     |      | 0.09 | 5.6  | 100.0            | 73.0             | 310.0           | 188.0 | 5.00 |      |      | 949  |
| 352 | 8.70 | 500     | 88.0  |      | 5.0  |     | 0.08 |      | 1.0  | 53.0             | 21.0             | 38.0            | 30.0  | 3.60 |      |      | 248  |
| 353 | 9.00 |         | 62.0  | 1.6  | 2.4  | 0.2 |      |      | 0.6  | 38.0             | 73.0             | 57.0            | 21.0  | 0.20 |      | 220  | 220  |
| 354 |      |         | 62.0  | 1.1  | 2.4  |     |      | 0.01 |      | 40.0             | 86.0             | 41.0            | 14.0  |      |      | 210  | 202  |
| 355 | 7.80 |         | 330.0 | 11.0 | 19.0 | 0.1 |      | 0.40 | 4.5  | 130.0            | 63.0             | 510.0           | 150.0 | 4.00 |      | 1220 | 1220 |
| 356 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 357 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 358 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 359 | 8.79 | 248     | 41.0  | 3.0  | 4.0  |     |      |      | 0.3  | 43.0             | 73.0             | 44.0            | 13.0  | 0.40 |      |      | 186  |
| 360 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 361 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 362 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 363 | 7.40 |         |       |      |      |     |      |      | 12.2 |                  |                  |                 |       |      |      | 2230 |      |
| 364 | 7.60 | 2500    | 480.0 | 50.0 | 16.0 | 0.6 |      |      |      |                  | 239.0            | 275.0           | 476.0 | 3.00 |      | 1537 | 1537 |
| 365 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 366 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 367 | 8.95 | 230     | 51.0  |      | 1.0  |     | 0.06 |      | 0.4  | 39.0             | 40.0             | 29.0            | 24.0  | 2.40 |      |      | 198  |
| 368 | 6.70 | 330     | 34.0  | 8.0  | 19.0 | 9.0 | 0.42 |      |      | 67.0             | 183.0            | 25.0            | 13.0  | 0.30 |      |      | 267  |
| 369 | 8.10 |         | 250.0 | 6.5  | 20.0 | 0.1 |      | 0.15 | 3.8  | 110.0            | 47.0             | 300.0           | 160.0 | 2.10 |      | 900  | 899  |
| 370 |      |         |       |      |      |     |      |      |      |                  |                  |                 |       |      |      |      |      |
| 371 | 8.02 | 280     | 64.5  | 7.3  | 3.2  | 8.7 |      |      |      | 86.5             |                  |                 | 18.9  |      |      | 258  | 258  |
| 372 | 7.70 | 1625    | 223.0 | 5.0  | 78.0 | 1.0 | 0.28 | 0.18 | 4.3  | 68.0             | 48.0             | 365.0           | 141.0 | 1.90 |      |      | 913  |
| 373 | 8.60 |         | 130.0 | 1.0  | 14.0 |     |      |      | 4.0  | 55.0             | 126.0            | 58.0            | 74.0  | 4.00 |      |      | 402  |
| 374 | 8.70 |         | 114.0 | 2.8  | 7.0  | 0.4 |      |      | 2.7  | 52.0             | 83.0             | 53.0            | 77.0  | 7.00 | 0.20 | 370  | 365  |
| 375 | 6.70 | 360     | 33.0  | 3.0  | 10.0 | 4.0 | 0.10 | 0.06 | 1.9  | 28.0             | 60.0             | 15.0            | 57.0  | 0.80 |      |      | 191  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K     | Ca    | Mg   | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As   | TDsm  | TDsc  |
|-----|------|---------|--------|-------|-------|------|------|------|-------|------------------|------------------|-----------------|--------|-------|------|-------|-------|
| 376 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 377 |      | 2690    | 514.0  | 33.0  | 34.0  | 8.0  | 0.04 | 1.11 | 7.1   | 77.0             | 1061.0           | 238.0           | 161.0  | 53.00 | 1.00 |       | 1651  |
| 378 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 379 | 7.30 |         | 310.0  | 10.0  | 22.0  | 4.2  |      | 0.84 | 1.1   | 75.0             | 429.0            | 340.0           | 28.0   | 9.20  |      | 1230  | 1430  |
| 380 | 6.70 |         | 1100.0 | 55.0  | 64.0  | 18.0 |      | 2.50 | 9.9   | 100.0            | 1880.0           | 920.0           | 200.0  | 4.50  |      | 4320  | 4324  |
| 381 | 7.00 |         | 1100.0 | 62.0  | 76.0  | 18.0 |      | 2.80 | 11.0  | 65.0             | 1880.0           | 910.0           | 210.0  | 4.30  |      | 4390  | 4394  |
| 382 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 383 |      |         | 10.0   | 2.2   | 1.1   | 0.2  |      |      |       |                  |                  |                 |        |       |      |       | 13    |
| 384 | 7.60 | 2375    | 404.0  | 10.0  | 13.0  | 3.0  |      | 0.27 | 7.4   | 77.0             | 434.0            | 97.0            | 125.0  | 5.20  |      |       | 960   |
| 385 | 7.80 |         | 520.0  | 44.0  | 8.0   | 6.2  |      |      |       | 106.0            | 639.0            | 12.0            | 584.0  |       |      | 1600  | 1594  |
| 386 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 387 | 6.95 |         | 472.0  | 38.0  | 248.0 | 9.6  |      |      | 3.6   | 110.0            | 1757.0           | 2.0             | 180.0  | 1.30  |      | 1930  | 1934  |
| 388 | 9.30 |         | 8000.0 | 225.0 | 0.2   | 0.1  |      | 2.50 | 130.0 | 220.0            | 7700.0           | 2700.0          | 6000.0 | 26.00 |      | 25000 | 26342 |
| 389 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 390 | 6.57 |         | 510.0  | 43.0  | 180.0 | 38.0 |      |      | 4.2   | 97.0             | 1830.0           | 48.0            | 85.0   | 1.10  |      | 2500  | 1914  |
| 391 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 392 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 393 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 394 | 9.30 |         | 475.0  | 30.0  | 1.0   | 2.0  |      |      | 13.0  | 98.0             | 622.0            | 96.0            | 310.0  | 21.00 | 1.60 | 1530  | 1555  |
| 395 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 396 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 397 |      |         |        |       |       |      |      |      |       |                  |                  |                 |        |       |      |       |       |
| 398 | 7.20 | 2260    | 373.0  | 24.0  | 6.0   |      | 0.03 | 2.23 | 11.4  | 233.0            | 466.0            | 117.0           | 250.0  | 12.00 | 1.60 |       | 1261  |
| 399 | 7.10 |         | 410.0  | 30.0  | 25.0  |      |      |      |       | 110.0            | 727.0            | 90.0            | 200.0  | 8.60  | 1.10 | 1240  | 1115  |
| 400 | 8.30 |         | 350.0  | 20.0  | 4.4   | 0.2  |      | 1.70 | 10.0  | 131.0            | 513.0            | 90.0            | 200.0  | 10.00 | 1.00 | 1100  | 1110  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca    | Mg    | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As   | TDsm | TDSc |
|-----|------|---------|-------|------|-------|-------|------|------|------|------------------|------------------|-----------------|-------|------|------|------|------|
| 401 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 402 | 6.60 | 2300    | 375.0 | 34.0 | 23.0  | 1.0   | 0.18 | 1.28 | 6.5  | 198.0            | 800.0            | 64.0            | 156.0 | 5.40 |      |      | 1261 |
| 403 | 8.20 |         | 140.0 | 9.0  | 21.0  | 3.0   |      |      | 3.7  | 32.0             | 276.0            | 41.0            | 74.0  | 3.20 | 0.20 | 510  | 510  |
| 404 | 6.60 |         | 320.0 | 28.0 | 23.0  | 1.2   |      | 1.60 | 8.1  | 205.0            | 696.0            | 59.0            | 150.0 | 4.60 | 0.40 |      | 1137 |
| 405 | 8.40 |         | 83.0  | 6.0  | 5.0   |       |      |      | 0.6  |                  | 183.0            | 16.0            | 22.0  | 1.90 | 0.10 |      | 270  |
| 406 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 407 | 9.30 |         | 80.0  | 1.0  | 1.4   | 0.1   |      | 0.18 | 0.3  | 63.0             | 96.0             | 50.0            | 22.0  | 4.30 |      | 320  | 269  |
| 408 | 8.70 | 385     | 73.0  | 7.0  | 2.0   |       | 0.53 | 0.13 | 0.3  | 90.0             | 100.0            | 47.0            | 24.0  | 3.30 |      |      | 305  |
| 409 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 410 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 411 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 412 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 413 | 9.10 |         | 66.0  | 0.4  | 3.0   | 0.1   |      | 0.06 | 0.4  | 65.0             | 83.0             | 59.0            | 10.0  | 2.80 |      | 250  | 245  |
| 414 | 9.40 |         | 46.0  | 0.6  | 2.0   |       |      |      | 0.2  | 44.0             | 97.0             | 16.0            | 6.0   | 0.90 |      | 160  | 168  |
| 415 | 9.00 | 360     | 74.0  |      | 2.0   |       |      |      | 0.3  | 84.0             | 44.0             | 103.0           | 5.0   | 6.60 |      |      | 319  |
| 416 | 8.20 | 1270    | 235.0 | 4.0  | 33.0  |       |      | 0.14 | 1.9  | 34.0             | 14.0             | 406.0           | 70.0  | 9.20 |      |      | 804  |
| 417 | 7.30 |         | 202.0 | 4.0  | 103.0 | 39.0  |      | 0.13 | 1.0  | 40.0             | 810.0            | 165.0           | 48.0  | 0.70 |      | 900  | 1010 |
| 418 | 8.97 |         | 10.0  | 0.3  | 7.9   | 260.0 |      |      | 0.4  | 31.0             | 1201.0           | 13.0            | 34.0  | 0.10 |      |      | 946  |
| 419 | 6.90 |         | 604.0 | 34.0 | 218.0 | 224.0 |      | 1.80 | 59.0 | 95.0             | 1500.0           | 261.0           | 940.0 | 0.70 | 0.10 | 3190 | 3190 |
| 420 | 6.50 |         | 608.0 | 11.0 | 18.0  | 84.0  |      | 0.25 | 80.0 | 88.0             | 1620.0           | 8.0             | 266.0 | 1.60 |      | 1970 | 1970 |
| 421 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 422 |      |         | 212.0 | 8.2  | 12.0  | 5.7   |      |      |      | 62.0             | 55.0             | 110.0           | 255.0 |      |      | 710  | 713  |
| 423 |      |         | 176.0 |      | 0.8   | 36.0  |      |      |      | 111.0            | 183.0            | 2.0             | 270.0 |      |      | 690  | 690  |
| 424 |      |         |       |      |       |       |      |      |      |                  |                  |                 |       |      |      |      |      |
| 425 | 6.40 |         | 136.0 | 5.6  | 22.0  | 349.0 |      | 0.55 | 23.0 | 111.0            | 1920.0           |                 | 146.0 | 0.10 |      | 1750 | 1750 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K   | Ca   | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F     | As    | TDsm | TDSc |
|-----|------|---------|-------|-----|------|------|------|------|------|------------------|------------------|-----------------|-------|-------|-------|------|------|
| 426 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 427 | 8.80 |         | 232.0 | 3.0 | 4.6  | 0.6  |      | 0.36 | 46.0 | 12.0             |                  | 250.0           | 224.0 | 5.70  | 32.00 | 700  | 698  |
| 428 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 429 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 430 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 431 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 432 | 7.30 |         | 37.0  | 8.2 | 27.0 | 15.0 |      |      | 0.8  | 131.0            | 212.0            | 13.0            | 19.0  | 0.30  |       | 355  | 355  |
| 433 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 434 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 435 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 436 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 437 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 438 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 439 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 440 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 441 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 442 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 443 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 444 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 445 |      |         |       |     |      |      |      |      |      |                  |                  |                 |       |       |       |      |      |
| 446 | 7.00 | 600     | 198.0 | 8.0 | 5.0  | 1.0  | 0.07 | 1.58 | 9.7  | 55.0             | 147.9            |                 | 202.0 | 10.50 |       | 659  | 586  |
| 447 | 5.80 | 380     | 57.0  | 3.0 | 19.0 | 8.0  |      |      | 2.0  | 23.0             | 169.3            |                 | 43.0  | 0.40  |       | 345  | 262  |
| 448 | 6.20 | 500     | 111.0 | 7.0 | 22.0 | 11.0 | 1.04 | 0.12 | 6.1  | 12.0             | 213.5            | 10.0            | 111.0 | 1.40  |       | 527  | 422  |
| 449 | 8.50 | 1150    | 206.0 | 9.0 | 2.0  |      |      | 1.95 | 9.8  | 56.0             |                  |                 | 201.0 | 11.50 |       | 518  |      |
| 450 | 7.25 | 670     | 157.0 | 5.0 | 2.0  | 1.0  | 0.04 | 1.42 | 3.6  | 43.0             | 221.1            | 25.0            | 76.0  | 8.00  |       | 563  | 451  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca   | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F     | As | TDSm | TDSc |
|-----|------|---------|-------|------|------|------|------|------|------|------------------|------------------|-----------------|-------|-------|----|------|------|
| 451 | 7.40 | 650     | 173.0 | 5.0  | 1.0  |      | 0.04 | 1.52 | 6.7  | 51.0             | 180.7            |                 | 130.0 | 11.00 |    | 581  | 492  |
| 452 | 7.20 | 600     | 202.0 | 7.0  | 2.0  |      | 0.08 | 1.81 | 9.4  | 61.0             | 151.0            |                 | 190.0 | 11.00 |    | 654  | 580  |
| 453 | 5.50 | 500     | 84.0  |      | 24.0 | 20.0 | 0.23 |      | 4.9  | 14.0             | 189.1            |                 | 87.0  | 0.30  |    | 447  | 354  |
| 454 | 6.70 | 500     | 29.0  |      | 29.0 | 39.0 | 7.27 |      | 0.8  | 18.0             | 235.6            |                 | 64.0  | 0.20  |    | 445  | 329  |
| 455 | 6.50 | 980     | 184.0 | 4.0  | 28.0 | 2.0  | 0.56 | 1.12 | 9.8  | 20.0             | 193.7            |                 | 190.0 | 8.50  |    | 662  | 567  |
| 456 | 7.40 | 1200    | 190.0 | 6.0  | 5.0  |      |      | 1.99 | 7.4  | 54.0             | 179.2            | 16.0            | 156.0 | 9.50  |    | 646  | 558  |
| 457 | 7.75 | 1220    | 190.0 | 7.0  | 30.0 | 1.0  | 0.08 | 2.05 | 9.9  | 60.0             | 154.8            |                 | 201.0 | 11.00 |    | 675  | 599  |
| 458 |      |         | 201.0 | 6.0  | 6.0  |      |      | 2.10 | 9.7  | 62.0             |                  |                 | 193.0 | 10.50 |    | 507  |      |
| 459 | 7.30 | 1070    | 185.0 | 9.0  | 14.0 | 1.0  | 0.31 | 1.78 | 9.6  | 75.0             | 159.4            |                 | 187.0 | 11.00 |    | 673  | 594  |
| 460 | 6.97 | 910     | 179.0 | 10.0 | 22.0 | 4.0  | 0.12 | 1.53 | 9.9  | 39.0             | 166.2            | 13.0            | 188.0 | 9.10  |    | 615  | 557  |
| 461 | 7.80 | 510     | 94.0  | 3.0  | 30.0 | 3.0  | 0.05 |      | 4.3  | 9.0              | 207.7            |                 | 88.0  | 2.60  |    | 257  | 151  |
| 462 | 6.85 | 895     | 177.0 | 12.0 | 15.0 | 5.0  | 0.54 | 1.18 | 10.1 | 35.0             | 209.7            |                 | 194.0 | 7.80  |    | 478  | 371  |
| 463 | 6.65 | 400     | 66.0  |      | 19.0 | 8.0  | 0.09 | 0.20 | 2.0  | 25.0             | 130.4            | 26.0            | 63.0  | 1.30  |    | 364  | 300  |
| 464 | 6.90 | 580     | 121.0 | 3.0  | 23.0 | 12.0 | 0.44 | 0.07 | 6.7  | 18.0             | 150.2            | 11.0            | 117.0 | 3.60  |    | 486  | 412  |
| 465 | 6.30 | 390     | 25.0  |      | 39.0 | 12.0 |      |      |      | 14.0             | 218.0            | 23.0            | 13.0  | 0.40  |    | 367  | 260  |
| 466 | 6.70 | 1190    | 188.0 | 7.0  | 8.0  | 1.0  | 0.21 | 1.75 | 10.1 | 31.0             | 172.3            |                 | 195.0 | 10.00 |    | 645  | 560  |
| 467 | 6.65 | 1100    | 180.0 | 12.0 | 11.0 | 4.0  |      | 1.14 | 10.2 | 35.0             | 203.0            |                 | 194.0 | 7.00  |    | 678  | 578  |
| 468 | 5.94 | 900     | 171.0 | 13.0 | 11.0 | 6.0  | 0.67 | 1.06 | 9.8  | 30.0             | 188.0            |                 | 186.0 | 7.10  |    | 644  | 551  |
| 469 | 5.90 | 410     | 79.0  |      | 21.0 | 10.0 | 1.96 | 0.48 | 3.9  | 21.0             | 172.0            |                 | 67.0  | 3.00  |    | 404  | 319  |
| 470 | 6.90 | 1050    | 203.0 | 7.0  | 18.0 | 9.0  | 0.04 | 0.59 | 11.7 | 20.0             | 284.4            | 11.0            | 189.0 | 0.70  |    | 775  | 635  |
| 471 | 6.50 | 1180    | 203.0 | 5.0  | 25.0 | 8.0  | 0.12 | 0.32 | 8.9  | 29.0             | 302.7            |                 | 181.0 | 2.20  |    | 797  | 648  |
| 472 | 6.65 | 1120    | 191.0 | 4.0  | 10.0 | 1.0  | 0.14 | 1.40 | 9.4  | 42.0             | 165.5            |                 | 191.0 | 8.50  |    | 643  | 561  |
| 473 | 6.35 | 490     | 62.0  | 4.0  | 27.0 | 8.0  | 0.08 |      | 1.8  | 19.0             | 196.0            | 13.0            | 39.0  | 0.50  |    | 389  | 292  |
| 474 | 6.80 | 1150    | 141.0 | 6.0  | 54.0 | 21.0 | 2.23 |      | 3.8  | 17.0             | 243.2            | 37.0            | 190.0 | 0.40  |    | 737  | 617  |
| 475 | 6.80 | 450     | 56.0  |      | 34.0 | 11.0 | 2.00 |      | 1.1  | 23.0             | 162.4            | 29.0            | 38.0  | 0.30  |    | 380  | 300  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca    | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F     | As | TDSm | TDSc |
|-----|------|---------|--------|------|-------|------|------|------|------|------------------|------------------|-----------------|-------|-------|----|------|------|
| 526 | 6.00 | 155     | 8.0    | 5.0  | 10.0  | 6.0  | 1.13 |      |      | 24.0             | 114.0            |                 | 7.0   |       |    | 209  | 152  |
| 527 | 6.00 | 270     | 17.0   | 7.0  | 16.0  | 9.0  | 0.24 |      |      | 29.0             | 166.0            |                 | 7.0   | 0.20  |    | 282  | 198  |
| 528 | 5.91 | 1010    | 61.0   | 3.0  | 144.0 | 21.0 | 0.10 | 0.13 |      | 18.0             | 221.0            | 125.0           | 12.0  | 0.20  |    | 629  | 516  |
| 529 | 6.15 | 260     | 21.0   |      | 49.0  | 9.0  | 0.16 |      |      | 10.0             | 275.0            | 85.0            | 7.0   | 0.20  |    | 481  | 341  |
| 530 | 6.10 | 370     | 54.0   |      | 20.0  | 3.0  |      |      |      | 22.0             | 243.0            | 31.0            | 5.0   | 0.30  |    | 400  | 277  |
| 531 | 6.32 | 490     | 55.0   |      | 16.0  | 20.0 | 0.76 | 0.28 | 1.8  | 16.0             | 254.0            | 21.0            | 37.0  | 0.20  |    | 445  | 316  |
| 532 | 6.20 | 470     | 40.0   | 12.0 | 21.0  | 11.0 | 6.72 |      |      | 34.0             | 165.0            | 68.0            | 7.0   | 0.20  |    | 387  | 303  |
| 533 | 6.10 |         | 38.0   |      | 50.0  | 11.0 | 0.04 | 0.08 |      | 23.0             | 202.0            | 39.0            | 15.0  | 0.30  |    | 401  | 299  |
| 534 | 6.45 |         | 236.0  | 8.0  | 15.0  | 2.0  | 0.36 | 1.78 | 12.7 | 37.0             | 207.0            |                 | 194.0 | 11.00 |    | 746  | 644  |
| 535 | 6.30 |         | 162.0  | 7.0  | 13.0  | 5.0  | 0.79 | 0.71 | 7.2  | 29.0             | 228.0            |                 | 105.0 | 4.70  |    | 583  | 471  |
| 536 | 5.99 |         | 121.0  | 4.0  | 19.0  | 18.0 | 0.07 | 0.06 | 8.3  | 16.0             | 226.0            |                 | 107.0 | 1.70  |    | 541  | 430  |
| 537 | 6.30 |         | 69.0   | 13.0 | 25.0  | 4.0  | 7.95 |      | 0.2  | 46.0             | 238.0            |                 | 6.0   | 0.20  |    | 413  | 296  |
| 538 | 6.39 |         | 128.0  | 15.0 | 11.0  | 3.0  | 1.23 | 0.06 | 0.8  | 38.0             | 336.0            | 10.0            | 25.0  | 0.30  |    | 589  | 424  |
| 539 | 6.25 |         | 100.0  | 11.0 | 19.0  | 9.0  | 3.25 |      | 0.3  | 27.0             | 313.0            | 15.0            | 18.0  | 0.40  |    | 538  | 384  |
| 540 | 6.51 |         | 110.0  | 12.0 | 17.0  | 10.0 | 1.18 |      | 0.3  | 35.0             | 332.0            | 12.0            | 11.0  | 0.40  |    | 552  | 389  |
| 541 | 5.64 |         | 12.0   | 4.0  | 12.0  | 5.0  |      |      |      | 32.0             | 107.0            |                 | 8.0   | 0.10  |    | 201  | 148  |
| 542 | 6.10 |         | 31.0   | 10.0 | 11.0  | 8.0  |      |      |      | 29.0             | 192.0            |                 | 7.0   | 0.40  |    | 310  | 215  |
| 543 | 6.33 |         | 173.0  | 11.0 | 13.0  | 5.0  |      | 1.20 | 10.1 | 32.0             | 230.0            |                 | 191.0 | 7.50  |    | 691  | 578  |
| 544 | 7.40 |         | 167.0  | 11.0 | 13.0  | 4.0  |      | 0.73 | 10.2 | 27.0             | 236.0            |                 | 173.0 | 6.50  |    | 668  | 552  |
| 545 | 8.00 |         | 51.0   | 8.0  | 15.0  | 8.0  |      | 0.24 | 0.3  | 30.0             | 217.0            | 12.0            | 29.0  | 0.70  |    | 276  | 169  |
| 546 | 6.35 |         | 183.0  | 7.0  | 16.0  | 2.0  |      | 1.46 | 9.8  | 32.0             | 153.0            |                 | 229.0 | 10.00 |    | 667  | 592  |
| 547 | 8.30 |         | 1780.0 | 8.4  | 8.8   | 1.9  |      | 0.30 | 5.0  | 25.0             | 3230.0           | 3.0             | 935.0 | 2.30  |    | 4360 | 4360 |
| 548 | 8.30 |         | 65.0   | 5.0  | 40.0  | 67.0 |      |      | 0.1  |                  | 537.0            | 19.0            | 46.0  | 0.20  |    | 590  | 592  |
| 549 |      |         |        |      |       |      |      |      |      |                  |                  |                 |       |       |    |      |      |
| 550 |      |         |        |      |       |      |      |      |      |                  |                  |                 |       |       |    |      |      |

TDSc

428

372

506

585

282

318

199

338

83

97

279

564

635

570

608

581

610

622

619

598

691

136

605

698

630

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca   | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDsm | TDSc |
|-----|------|---------|-------|------|------|------|------|------|------|------------------|------------------|-----------------|-------|------|----|------|------|
| 551 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 552 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 553 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 554 | 7.70 |         |       |      |      |      |      |      |      |                  |                  |                 | 157.0 |      |    |      | 259  |
| 555 | 8.10 |         | 442.0 | 10.0 | 6.0  | 4.0  |      |      | 3.9  | 23.0             | 602.0            | 81.0            | 284.0 | 0.90 |    | 1150 | 1156 |
| 556 | 8.00 |         | 63.0  | 2.0  | 55.0 | 26.0 |      |      | 0.1  |                  | 254.0            | 64.0            | 72.0  | 0.60 |    | 440  | 440  |
| 557 | 9.40 |         | 92.0  | 1.6  | 2.8  | 0.1  |      | 0.05 | 0.9  | 79.0             | 78.0             | 26.0            | 69.0  | 8.00 |    | 320  | 319  |
| 558 | 8.30 | 600     | 108.0 | 3.0  | 2.0  |      | 0.09 | 0.43 | 2.7  | 68.0             | 82.0             | 34.0            | 103.0 | 2.90 |    |      | 371  |
| 559 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 560 |      |         | 41.0  | 9.7  | 20.0 | 11.0 |      |      |      | 286.0            |                  | 963.0           |       |      |    | 1400 | 1402 |
| 561 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 562 |      |         | 43.0  | 8.2  | 49.0 | 12.0 |      |      | 1.0  | 162.0            | 114.0            | 174.0           | 5.0   | 0.20 |    |      | 510  |
| 563 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 564 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 565 |      |         |       |      |      |      |      |      |      |                  |                  |                 |       |      |    |      |      |
| 566 | 8.10 |         | 202.0 | 4.0  | 11.0 | 0.0  |      |      | 5.0  | 64.0             | 54.0             | 39.0            | 235.0 | 5.50 |    |      | 598  |
| 567 | 8.70 |         | 199.0 | 3.0  | 6.0  | 0.0  |      |      | 4.4  | 41.0             | 59.0             | 38.0            | 244.0 | 4.40 |    |      | 567  |
| 568 | 6.05 | 2650    | 505.0 | 35.0 | 79.0 | 19.0 | 1.14 | 0.48 | 12.0 | 22.0             | 1190.0           | 46.0            | 417.0 | 1.50 |    |      | 1743 |
| 569 | 9.35 | 240     | 50.0  |      | 2.0  |      |      | 0.05 | 0.4  | 57.0             |                  | 49.0            | 8.0   | 0.30 |    |      | 222  |
| 570 | 7.90 | 2320    | 405.0 | 8.0  | 37.0 |      | 0.16 | 0.40 | 7.8  | 57.0             | 50.0             | 178.0           | 462.0 | 2.20 |    |      | 1185 |
| 571 | 6.80 |         | 386.0 | 5.5  | 14.0 | 4.6  |      |      | 6.1  | 65.0             | 72.0             | 222.0           | 435.0 | 0.40 |    | 1180 | 1170 |
| 572 | 7.80 |         | 71.0  | 2.0  | 4.0  | 1.0  |      |      | 1.2  |                  | 189.0            | 1.0             | 22.0  |      |    |      | 195  |
| 573 | 6.80 |         | 25.0  | 5.1  | 8.0  | 2.4  |      |      | 0.2  | 95.0             | 73.0             | 22.0            | 6.0   | 0.70 |    | 200  | 200  |
| 574 | 8.20 |         | 35.0  | 6.3  | 1.0  | 1.8  |      |      | 0.2  | 82.0             | 113.0            | 1.0             | 6.0   |      |    | 190  | 190  |
| 575 | 7.70 |         | 35.0  | 1.5  | 1.0  | 0.4  |      |      | 0.4  | 87.0             | 88.0             | 2.0             | 3.0   | 0.50 |    | 180  | 170  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH    | CONDUCT | Na    | K    | Ca    | Mg   | Fe   | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDSm | TDSc |
|-----|-------|---------|-------|------|-------|------|------|------|-----|------------------|------------------|-----------------|-------|------|----|------|------|
| 576 | 7.60  |         | 400.0 | 6.3  | 26.0  | 1.3  |      | 0.50 | 7.8 | 80.0             | 76.0             | 270.0           | 440.0 | 1.50 |    |      | 1270 |
| 577 | 8.00  |         | 450.0 | 13.0 | 39.0  | 0.1  |      | 0.65 | 8.8 | 98.0             | 52.0             | 370.0           | 545.0 | 2.60 |    | 1600 | 1570 |
| 578 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 579 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 580 | 9.30  |         | 83.0  | 0.7  | 4.0   |      |      |      | 0.4 | 54.0             | 20.0             | 110.0           | 12.0  | 3.30 |    | 300  | 300  |
| 581 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 582 | 8.00  |         | 56.0  | 3.0  | 26.0  | 44.0 |      |      | 0.1 | 20.0             | 131.0            | 20.0            | 46.0  | 0.40 |    | 280  | 280  |
| 583 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 584 | 8.10  |         | 15.0  | 1.2  | 21.0  | 5.5  |      |      | 0.1 | 29.0             | 108.0            | 6.0             | 5.0   | 0.40 |    |      | 161  |
| 585 | 9.60  |         | 106.0 |      |       | 0.1  |      |      | 1.4 | 56.0             | 98.0             | 32.0            | 15.0  |      |    | 320  | 260  |
| 586 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 587 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 588 |       |         | 193.0 |      | 54.0  | 14.0 |      |      |     | 29.0             | 58.0             | 233.0           | 229.0 |      |    | 850  | 588  |
| 589 |       |         | 62.0  |      | 1.0   |      |      |      |     | 40.0             | 47.0             |                 | 19.0  | 1.60 |    | 250  | 185  |
| 590 | 8.80  |         | 34.0  | 3.0  | 6.0   |      |      |      | 0.2 |                  | 42.0             | 6.0             | 14.0  | 0.20 |    | 120  | 100  |
| 591 |       |         | 381.0 | 10.0 | 246.0 | 2.0  |      |      | 7.1 |                  | 88.0             | 133.0           | 507.0 |      |    | 1210 | 1320 |
| 592 |       |         | 79.0  |      | 6.0   | 4.1  |      |      |     | 68.0             | 112.0            | 36.0            | 52.0  |      |    | 300  | 300  |
| 593 | 10.10 | 590     | 75.0  | 4.0  | 3.0   | 1.0  | 0.04 |      | 0.8 | 54.0             |                  | 17.0            | 21.0  | 4.90 |    |      | 254  |
| 594 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 595 |       |         |       |      |       |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 596 |       |         | 69.2  | 3.3  | 107.0 | 25.5 |      |      | 0.2 | 12.6             |                  |                 |       | 0.40 |    |      |      |
| 597 | 7.30  |         | 117.0 | 5.0  | 98.0  | 29.0 |      |      | 0.4 | 40.0             | 304.0            | 184.0           | 129.0 | 0.40 |    | 850  | 750  |
| 598 | 7.10  |         | 74.0  | 4.5  | 85.0  | 24.0 |      |      | 0.1 | 48.0             | 228.0            | 141.0           | 98.0  |      |    | 640  | 600  |
| 599 |       |         | 330.0 | 3.0  | 317.0 | 41.0 |      |      | 0.2 | 47.0             | 390.0            | 884.0           | 303.0 | 0.20 |    | 2280 | 2110 |
| 600 | 7.80  |         | 62.0  | 3.0  | 44.0  | 13.0 |      |      | 0.1 |                  | 183.0            | 65.0            | 51.0  | 0.40 |    | 380  | 330  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca     | Mg    | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F    | As | TDSm  | TDSc  |
|-----|------|---------|--------|------|--------|-------|------|------|-------|------------------|------------------|-----------------|--------|------|----|-------|-------|
| 601 | 7.00 |         | 365.0  | 10.0 | 250.0  | 95.0  |      |      | 0.3   | 58.0             | 219.0            | 844.0           | 433.0  | 0.80 |    | 2260  | 2160  |
| 602 | 7.80 |         | 76.0   | 2.0  | 49.0   | 19.0  |      |      | 0.1   | 37.0             | 268.0            | 33.0            | 64.0   | 0.10 |    | 470   | 410   |
| 603 | 7.80 |         | 49.0   | 0.7  | 30.0   | 12.0  |      |      | 0.1   | 38.0             | 192.0            |                 | 43.0   | 0.50 |    | 880   | 270   |
| 604 | 7.40 |         | 45.0   | 0.9  | 49.0   | 15.0  |      |      | 0.0   | 33.0             | 138.0            | 31.0            | 89.0   | 0.10 |    | 470   | 330   |
| 605 | 9.20 |         | 244.0  | 1.0  | 7.0    |       |      |      | 4.4   | 71.0             | 6.0              | 14.0            | 347.0  |      |    | 720   | 715   |
| 606 | 7.50 |         | 82.0   | 4.0  | 74.0   | 52.0  |      |      | 0.1   |                  | 189.0            | 226.0           | 142.0  | 0.40 |    |       | 675   |
| 607 | 8.90 | 1580    | 214.0  | 6.0  | 17.0   | 1.0   | 0.14 | 0.09 | 3.3   | 40.0             | 9.0              | 10.0            | 355.0  | 4.10 |    |       | 673   |
| 608 | 7.60 |         | 196.0  | 2.2  | 89.0   | 43.0  |      |      | 0.1   | 38.0             | 363.0            | 184.0           | 234.0  | 0.70 |    | 1130  | 965   |
| 609 | 8.20 |         | 143.0  | 1.4  | 98.0   | 38.0  |      |      | 0.1   |                  | 339.0            | 131.0           | 209.0  | 0.40 |    | 880   | 790   |
| 610 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 611 | 9.10 |         | 56.0   | 3.0  | 3.0    | 1.0   |      |      | 0.1   | 37.0             | 32.0             | 26.0            | 26.0   | 2.20 |    |       | 207   |
| 612 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 613 | 7.80 |         | 223.0  | 4.0  | 42.0   | 3.0   |      |      | 1.4   | 18.0             | 69.0             | 350.0           | 136.0  | 0.60 |    | 1120  | 800   |
| 614 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 615 | 9.00 |         | 55.0   | 1.0  | 5.0    | 1.0   |      |      | 0.0   | 13.0             | 83.0             | 31.0            | 17.0   | 0.80 |    | 190   | 170   |
| 616 | 9.00 |         | 77.0   | 1.0  | 2.0    |       |      |      | 0.2   |                  | 90.0             | 44.0            | 21.0   | 2.80 |    | 720   | 200   |
| 617 | 9.20 |         | 66.0   | 1.0  |        |       |      |      | 0.9   |                  | 103.0            | 37.0            | 11.0   | 2.40 |    | 200   | 170   |
| 618 | 8.30 |         | 139.0  | 1.0  | 14.0   | 3.0   |      |      | 0.2   |                  | 58.0             | 99.0            | 145.0  | 4.80 |    | 420   | 435   |
| 619 | 8.40 |         | 162.0  | 1.5  | 8.0    |       |      |      | 0.5   | 14.0             | 73.0             | 111.0           | 133.0  | 3.50 |    | 450   | 470   |
| 620 | 8.60 |         | 380.0  | 14.0 | 53.0   | 28.0  |      | 0.55 | 2.1   | 24.0             | 182.0            | 307.0           | 440.0  | 2.30 |    | 1500  | 1350  |
| 621 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 622 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 623 |      |         |        |      |        |       |      |      |       |                  |                  |                 |        |      |    |       |       |
| 624 | 7.80 |         | 700.0  | 4.0  | 38.0   | 27.0  |      |      | 2.8   |                  | 234.0            | 144.0           | 968.0  | 3.00 |    | 2000  | 2000  |
| 625 | 8.30 |         | 5000.0 |      | 1110.0 | 800.0 |      |      | 410.0 |                  | 603.0            | 10100.0         | 3260.0 |      |    | 24500 | 21340 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K     | Ca    | Mg   | Fe   | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As | TDSm | TDSc |
|-----|------|---------|--------|-------|-------|------|------|------|-----|------------------|------------------|-----------------|--------|-------|----|------|------|
| 626 | 8.48 |         |        |       |       |      |      |      |     |                  |                  |                 | 90.0   |       |    |      | 90   |
| 627 | 8.82 |         |        |       |       |      |      |      |     |                  |                  |                 | 88.0   |       |    |      | 88   |
| 628 |      |         |        |       |       |      |      |      |     |                  |                  |                 | 846.0  |       |    |      | 846  |
| 629 | 8.04 |         |        |       |       |      |      |      |     |                  |                  |                 | 66.0   |       |    |      | 66   |
| 630 | 9.01 |         |        |       |       |      |      |      |     |                  |                  |                 | 79.0   |       |    |      | 79   |
| 631 | 6.50 | 2270    | 204.0  | 9.0   | 216.0 | 31.0 | 0.19 | 0.09 | 1.0 | 20.0             | 122.0            | 145.0           | 515.0  | 10.00 |    |      | 1217 |
| 632 | 7.69 |         |        |       |       |      |      |      |     |                  |                  |                 | 763.0  |       |    |      | 763  |
| 633 | 6.50 | 710     | 113.0  | 3.0   | 10.0  |      | 0.49 | 0.10 | 0.6 | 20.0             | 107.0            | 83.0            | 82.0   | 8.00  |    |      | 373  |
| 634 | 8.80 |         | 272.0  | 6.8   | 32.0  | 0.7  |      |      | 1.3 | 69.0             | 17.0             | 490.0           | 100.0  | 10.00 |    |      | 1000 |
| 635 | 7.40 |         | 111.0  |       | 158.0 | 30.0 |      |      | 5.1 |                  | 494.0            | 80.0            | 183.0  |       |    | 1030 | 810  |
| 636 | 7.50 |         | 405.0  |       | 102.0 | 23.0 |      |      | 0.9 |                  | 296.0            | 233.0           | 533.0  |       |    | 1555 | 1440 |
| 637 | 7.94 |         |        |       |       |      |      |      |     |                  |                  |                 | 1036.0 |       |    |      | 1036 |
| 638 | 7.20 |         | 316.0  |       | 128.0 | 2.1  |      |      |     | 29.0             | 58.0             | 380.0           | 395.0  | 2.20  |    | 1290 | 1290 |
| 639 | 7.50 |         | 422.0  |       | 154.0 | 9.4  |      |      |     | 16.0             | 34.0             | 475.0           | 578.0  |       |    | 1670 | 1670 |
| 640 | 8.00 |         | 223.0  |       | 55.0  | 10.0 |      |      |     | 30.0             | 76.0             | 212.0           | 268.0  | 1.80  |    | 840  | 840  |
| 641 | 8.12 |         |        |       |       |      |      |      |     |                  |                  |                 | 212.0  |       |    |      | 212  |
| 642 | 8.00 |         |        |       |       |      |      |      |     |                  |                  |                 | 466.0  |       |    |      | 466  |
| 643 | 7.60 |         | 927.0  |       | 108.0 | 24.0 |      |      |     |                  | 104.0            | 1060.0          | 845.0  | 4.00  |    |      | 3010 |
| 644 | 6.70 | 2350    | 423.0  | 7.0   | 39.0  | 8.0  | 0.23 | 0.20 | 1.0 | 24.0             | 108.0            | 632.0           | 421.0  | 2.60  |    |      | 1613 |
| 645 | 7.50 |         | 1510.0 |       | 150.0 | 14.0 |      |      |     | 45.0             | 65.0             | 800.0           | 1990.0 | 5.20  |    |      | 4540 |
| 646 | 7.60 |         | 427.0  |       | 67.0  | 24.0 |      |      |     | 22.0             | 204.0            | 575.0           | 301.0  | 1.70  |    | 1520 | 1520 |
| 647 | 7.70 |         | 268.0  | 217.0 | 38.0  | 8.5  |      |      | 0.6 | 18.0             | 217.0            | 220.0           | 245.0  | 2.90  |    | 930  | 910  |
| 648 | 7.90 |         | 257.0  |       | 23.0  | 0.1  |      |      |     | 17.0             | 240.0            | 150.0           | 183.0  | 2.30  |    | 750  | 750  |
| 649 | 7.60 |         | 376.0  |       | 110.0 | 1.8  |      |      | 1.3 | 20.0             | 80.0             | 365.0           | 415.0  | 1.70  |    | 1140 | 1330 |
| 650 | 6.60 | 3025    | 445.0  | 10.0  | 193.0 | 12.0 | 0.40 | 0.15 | 2.5 | 19.0             | 55.0             | 244.0           | 575.0  | 2.40  |    |      | 1537 |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na      | K      | Ca    | Mg    | Fe   | Li   | B     | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl      | F     | As | TDSm  | TDSc  |
|-----|------|---------|---------|--------|-------|-------|------|------|-------|------------------|------------------|-----------------|---------|-------|----|-------|-------|
| 651 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 652 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 653 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 654 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 655 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 656 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 657 | 6.13 |         |         |        |       |       |      |      |       |                  |                  |                 | 1280.0  |       |    |       | 1280  |
| 658 | 7.70 |         | 888.0   | 33.0   | 107.0 | 16.0  |      |      | 4.4   | 79.0             | 268.0            | 225.0           | 1360.0  | 5.00  |    | 2920  | 2850  |
| 659 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 660 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 661 | 8.30 |         | 875.0   | 3.6    | 26.0  | 54.0  |      | 0.09 | 6.0   | 37.0             | 730.0            | 426.0           | 790.0   | 0.60  |    | 2610  | 2610  |
| 662 | 7.30 |         | 5250.0  | 61.0   | 221.0 | 289.0 |      | 1.50 | 24.0  | 74.0             | 1470.0           | 2060.0          | 7380.0  | 1.30  |    | 15900 | 16081 |
| 663 | 9.20 |         | 36600.0 | 1050.0 |       |       |      |      | 360.0 |                  | 37000.0          | 4210.0          | 23400.0 | 90.00 |    | 94100 | 91800 |
| 664 | 8.10 |         | 970.0   | 30.0   | 33.0  | 34.0  |      |      |       | 44.0             | 420.0            | 1040.0          | 680.0   | 2.20  |    |       | 3040  |
| 665 | 7.70 |         | 87.0    | 6.0    | 73.0  | 52.0  |      |      | 0.6   |                  | 190.0            | 383.0           | 25.0    |       |    |       | 720   |
| 666 |      |         |         |        |       |       |      |      |       |                  |                  |                 |         |       |    |       |       |
| 667 | 7.80 |         | 151.0   | 3.6    | 8.4   | 1.0   |      |      | 0.5   | 54.0             | 99.0             | 164.0           | 47.0    | 20.00 |    | 500   | 512   |
| 668 |      |         | 708.0   | 16.0   | 16.0  | 5.0   |      |      | 2.2   | 53.0             | 264.0            | 321.0           | 736.0   |       |    |       | 1990  |
| 669 |      |         |         |        | 25.0  | 4.9   |      |      |       | 54.0             | 163.0            | 40.0            | 30.0    |       |    | 320   | 290   |
| 670 | 8.80 |         | 115.0   | 3.2    | 3.0   | 0.5   |      |      | 0.4   | 27.0             | 73.0             | 80.0            | 66.0    | 3.40  |    | 350   | 345   |
| 671 | 7.60 |         | 112.0   | 3.2    | 5.0   | 3.0   |      |      | 0.3   |                  | 102.0            | 72.0            | 66.0    | 8.00  |    | 330   | 320   |
| 672 | 6.80 | 4780    | 465.0   | 13.0   | 430.0 | 130.0 | 0.35 | 0.13 | 1.2   | 23.0             | 143.0            | 657.0           | 1076.0  | 0.40  |    |       | 2876  |
| 673 | 7.45 |         | 335.0   |        | 123.0 | 27.0  |      |      |       | 29.0             | 173.0            | 425.0           | 398.0   | 1.10  |    | 1420  | 1420  |
| 674 | 7.50 | 1400    | 233.0   | 4.0    | 31.0  | 3.0   | 0.16 | 0.11 | 0.9   | 17.0             | 108.0            | 157.0           | 238.0   | 2.50  |    |       | 743   |
| 675 | 7.50 |         | 297.0   |        | 73.0  | 7.3   |      |      | 0.7   | 26.0             | 90.0             | 248.0           | 356.0   |       |    | 1070  | 1070  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca   | Mg   | Fe   | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F     | As   | TDSm | TDSc |
|-----|------|---------|-------|------|------|------|------|------|-----|------------------|------------------|-----------------|-------|-------|------|------|------|
| 676 | 7.90 |         | 46.0  | 3.0  | 12.0 |      |      |      | 0.1 | 18.0             | 75.0             | 36.0            | 24.0  | 0.70  |      | 190  | 180  |
| 677 | 8.40 |         | 215.0 | 3.0  | 14.0 | 0.6  |      |      | 0.5 | 54.0             | 37.0             | 341.0           | 60.0  | 17.00 |      | 700  | 730  |
| 678 |      |         | 365.0 | 5.0  | 23.0 | 1.0  | 0.11 | 0.10 | 1.5 | 26.0             |                  |                 | 221.0 | 10.80 |      |      | 1104 |
| 679 |      |         | 196.0 | 3.0  | 17.0 | 5.0  |      |      | 0.4 | 14.0             |                  |                 | 59.0  | 9.50  |      |      | 752  |
| 680 | 9.20 |         | 145.0 |      | 10.0 | 0.6  |      |      |     |                  | 57.0             | 176.0           | 60.0  | 18.00 |      | 450  | 450  |
| 681 | 7.70 |         | 347.0 | 11.0 | 24.0 | 18.0 |      |      | 1.3 | 43.0             | 44.0             | 596.0           | 178.0 | 4.20  |      | 1000 | 1240 |
| 682 | 8.20 |         | 74.0  | 0.8  | 2.0  |      |      |      | 0.4 |                  | 134.0            | 19.0            | 17.0  | 5.00  |      | 330  | 190  |
| 683 | 8.70 | 600     | 122.0 |      | 5.0  |      |      |      |     | 27.0             | 214.0            | 207.0           | 12.0  | 14.00 |      |      | 337  |
| 684 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 685 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 686 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 687 | 8.20 |         | 308.0 | 14.0 | 30.0 | 2.9  |      | 0.30 | 3.5 | 104.0            | 86.0             | 578.0           | 61.0  | 9.00  | 0.10 | 1150 | 1150 |
| 688 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 689 | 7.10 | 1700    | 208.0 | 7.0  | 11.0 | 12.0 | 0.04 | 0.18 | 1.9 | 50.0             | 56.0             | 315.0           | 65.0  | 5.00  |      |      | 729  |
| 690 | 8.20 |         | 255.0 | 12.0 | 29.0 | 2.1  |      | 0.40 | 3.2 | 94.0             | 83.0             | 454.0           | 52.0  | 8.00  |      | 1000 | 950  |
| 691 | 7.20 | 1300    | 173.0 | 7.0  | 10.0 |      |      | 0.15 | 1.7 | 51.0             | 74.7             | 281.0           | 56.0  | 5.50  |      |      | 644  |
| 692 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 693 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 694 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 695 | 6.60 | 1600    | 204.0 | 11.0 | 32.0 | 1.0  |      | 0.23 | 2.5 | 74.0             | 96.0             | 235.0           | 67.0  | 4.40  |      |      | 700  |
| 696 | 7.60 | 440     | 36.0  | 6.0  | 42.0 | 6.0  |      |      |     |                  | 180.0            | 48.0            | 16.0  | 0.40  |      |      |      |
| 697 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 698 |      |         | 90.0  |      | 40.0 |      |      |      |     | 50.0             | 33.0             | 144.0           | 10.0  |       |      | 410  | 350  |
| 699 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |
| 700 |      |         |       |      |      |      |      |      |     |                  |                  |                 |       |       |      |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K   | Ca   | Mg   | Fe   | Li | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDsm | TDsc |
|-----|------|---------|-------|-----|------|------|------|----|-----|------------------|------------------|-----------------|-------|------|----|------|------|
| 701 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 702 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 703 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 704 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 705 |      |         | 114.0 |     |      |      |      |    |     | 10.0             | 85.0             | 133.0           | 21.0  |      |    | 415  | 320  |
| 706 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 707 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 708 | 8.60 |         | 84.0  | 1.0 | 11.0 |      |      |    | 1.3 |                  | 110.0            | 23.0            | 50.0  | 3.00 |    |      | 240  |
| 709 | 6.50 | 530     | 48.0  |     | 37.0 | 12.0 | 0.57 |    | 0.1 | 27.0             | 110.0            | 79.0            | 21.0  | 1.00 |    |      | 288  |
| 710 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 711 | 7.00 | 850     | 105.0 |     | 17.0 |      |      |    | 0.6 | 24.0             | 70.0             | 150.0           | 36.0  | 4.00 |    |      | 359  |
| 712 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 713 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 714 | 7.59 | 725     | 113.0 | 2.0 | 35.0 | 7.8  |      |    | 0.1 |                  |                  | 129.0           | 146.0 | 2.30 |    |      | 460  |
| 715 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 716 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 717 | 6.70 | 720     | 86.0  |     | 27.0 | 4.0  |      |    |     | 20.0             | 100.0            | 106.0           | 27.0  | 1.20 |    |      | 352  |
| 718 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 719 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 720 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 721 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 722 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 723 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 724 |      |         |       |     |      |      |      |    |     |                  |                  |                 |       |      |    |      |      |
| 725 | 8.02 | 655     | 71.8  | 2.5 | 54.4 | 7.3  |      |    | 0.5 |                  |                  |                 | 29.0  | 1.74 |    |      | 420  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na   | K   | Ca   | Mg   | Fe   | Li | B | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl   | F    | As | TDSm | TDSc |
|-----|------|---------|------|-----|------|------|------|----|---|------------------|------------------|-----------------|------|------|----|------|------|
| 726 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 727 | 7.91 | 630     | 37.0 | 1.7 | 64.0 | 16.0 | 0.05 |    |   |                  |                  | 68.0            | 25.0 | 0.38 |    |      | 372  |
| 728 | 8.05 | 650     | 42.0 | 1.7 | 64.5 | 16.7 | 0.07 |    |   |                  |                  | 72.0            | 27.5 | 0.34 |    |      | 389  |
| 729 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 730 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 731 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 732 | 6.20 | 425     | 27.0 | 4.0 | 40.0 | 7.0  |      |    |   | 25.0             | 198.0            | 30.0            | 7.0  | 0.60 |    |      | 255  |
| 733 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 734 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 735 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 736 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 737 | 6.20 | 440     | 15.0 | 3.0 | 57.0 | 10.0 |      |    |   | 17.0             | 230.0            | 26.0            | 6.0  | 0.50 |    |      | 269  |
| 738 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 739 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 740 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 741 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 742 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 743 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 744 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 745 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 746 | 6.60 | 483     | 25.0 | 4.0 | 58.0 | 9.0  | 0.25 |    |   | 21.0             | 236.0            | 47.0            | 8.0  | 0.60 |    |      | 288  |
| 747 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 748 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 749 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |
| 750 |      |         |      |     |      |      |      |    |   |                  |                  |                 |      |      |    |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na   | K | Ca  | Mg | Fe | Li | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl   | F    | As | TDSm | TDSc |
|-----|------|---------|------|---|-----|----|----|----|-----|------------------|------------------|-----------------|------|------|----|------|------|
| 751 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 752 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 753 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 754 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 755 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 756 | 7.80 | 640     | 96.0 |   | 3.0 |    |    |    | 2.4 | 27.0             | 80.8             | 34.0            | 96.0 | 6.10 |    |      | 336  |
| 757 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 758 | 7.40 | 520     | 75.0 |   | 8.0 |    |    |    | 1.5 | 21.0             | 124.0            | 20.4            | 58.0 | 3.60 |    |      | 272  |
| 759 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 760 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 761 | 7.60 | 365     | 60.0 |   | 4.0 |    |    |    | 0.6 | 15.0             | 140.0            | 16.9            | 20.0 | 2.60 |    |      | 212  |
| 762 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 763 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 764 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 765 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 766 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 767 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 768 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 769 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 770 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 771 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 772 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 773 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 774 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |
| 775 |      |         |      |   |     |    |    |    |     |                  |                  |                 |      |      |    |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K   | Ca   | Mg   | Fe   | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDSm | TDSc |
|-----|------|---------|-------|-----|------|------|------|------|-----|------------------|------------------|-----------------|-------|------|----|------|------|
| 776 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 777 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 778 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 779 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 780 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 781 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 782 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 783 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 784 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 785 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 786 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 787 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 788 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 789 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 790 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 791 |      |         |       |     |      |      |      |      |     |                  |                  |                 |       |      |    |      |      |
| 792 | 9.50 |         | 7.5   | 0.7 | 1.6  | 0.5  |      |      | 0.3 | 57.0             | 42.0             | 57.0            | 43.0  | 1.60 |    | 250  | 290  |
| 793 | 9.00 | 580     | 105.0 |     | 8.0  | 1.0  | 0.26 |      | 0.6 | 24.0             | 53.0             | 72.0            | 84.0  | 0.20 |    |      | 338  |
| 794 | 7.40 |         | 29.0  | 5.0 | 42.0 | 12.0 |      |      | 0.0 | 45.0             | 151.0            | 72.0            | 18.0  | 0.40 |    | 300  | 300  |
| 795 | 9.40 | 550     | 77.0  | 4.0 | 3.0  |      | 0.08 | 0.08 | 0.6 | 54.0             | 44.0             | 23.0            | 13.0  | 0.40 |    |      | 244  |
| 796 | 7.40 |         | 165.0 | 6.0 | 87.0 | 75.0 |      |      | 0.1 |                  | 224.0            | 317.0           | 2.0   | 0.20 |    | 1170 | 940  |
| 797 | 8.59 |         |       |     |      |      |      |      |     |                  |                  |                 | 99.0  |      |    |      | 99   |
| 798 | 7.88 |         |       |     |      |      |      |      |     |                  |                  |                 | 326.0 |      |    |      | 326  |
| 799 | 7.90 |         |       |     |      |      |      |      |     |                  |                  |                 | 286.0 |      |    |      | 286  |
| 800 | 8.63 |         |       |     |      |      |      |      |     |                  |                  |                 | 443.0 |      |    |      | 443  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca    | Mg    | Fe   | Li | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As   | TDSm | TDSc |
|-----|------|---------|-------|------|-------|-------|------|----|-----|------------------|------------------|-----------------|--------|-------|------|------|------|
| 801 | 8.19 |         |       |      |       |       |      |    |     |                  |                  |                 | 184.0  |       |      |      | 184  |
| 802 | 8.50 |         |       |      |       |       |      |    |     |                  |                  |                 | 143.0  |       |      |      | 143  |
| 803 | 7.00 | 1040    | 205.0 | 4.0  | 24.0  | 2.0   | 0.17 |    | 1.1 | 26.0             | 88.0             | 122.0           | 202.0  | 0.70  |      |      | 633  |
| 804 | 8.12 |         |       |      |       |       |      |    |     |                  |                  |                 | 167.0  |       |      |      | 167  |
| 805 | 8.10 |         |       |      |       |       |      |    |     |                  |                  |                 | 101.0  |       |      |      | 101  |
| 806 | 7.90 |         | 126.0 | 5.4  | 84.0  | 57.0  |      |    | 0.2 | 40.0             | 267.0            | 380.0           | 92.0   | 0.40  | 0.80 | 920  | 920  |
| 807 | 8.80 | 445     | 81.0  |      | 28.0  | 1.0   | 0.25 |    | 0.8 | 36.0             | 38.0             | 64.0            | 75.0   | 0.60  |      |      | 330  |
| 808 | 7.48 |         |       |      |       |       |      |    |     |                  |                  |                 | 58.0   |       |      |      | 58   |
| 809 | 9.80 |         | 101.0 | 1.0  | 1.0   | 1.0   |      |    | 0.6 | 53.0             | 90.0             |                 | 91.0   | 18.00 |      | 320  | 310  |
| 810 | 9.65 |         |       |      |       |       |      |    |     |                  |                  |                 | 81.0   |       |      |      | 81   |
| 811 | 7.60 |         | 48.0  | 3.0  | 52.0  | 19.0  |      |    | 0.4 |                  | 256.0            | 40.0            | 40.0   | 0.80  |      | 360  | 330  |
| 812 | 7.20 |         | 215.0 | 2.0  | 114.0 | 70.0  |      |    | 0.1 | 30.0             | 173.0            | 58.0            | 515.0  | 0.60  |      | 1450 | 1090 |
| 813 | 7.50 |         | 280.0 | 5.0  | 359.0 | 122.0 |      |    | 0.0 | 40.0             | 188.0            | 112.0           | 1200.0 | 0.40  |      | 2660 | 2210 |
| 814 | 7.40 |         | 199.0 | 2.0  | 95.0  | 60.0  |      |    | 0.5 | 44.0             | 426.0            | 142.0           | 297.0  | 0.60  |      | 1185 | 1050 |
| 815 | 7.50 |         | 547.0 | 6.0  | 226.0 | 121.0 |      |    | 0.4 | 33.0             | 341.0            | 213.0           | 1230.0 | 0.60  |      | 3000 | 2550 |
| 816 | 8.00 |         | 230.0 | 4.0  | 148.0 | 64.0  |      |    | 0.1 | 13.0             | 146.0            | 99.0            | 644.0  | 0.20  |      | 1610 | 1275 |
| 817 | 7.90 |         | 316.0 |      | 32.0  | 31.0  |      |    | 0.4 |                  | 323.0            | 169.0           | 298.0  | 0.80  |      | 1070 | 1000 |
| 818 | 7.80 |         | 342.0 | 10.0 | 42.0  | 50.0  |      |    | 0.4 | 62.0             | 616.0            | 232.0           | 349.0  | 0.60  |      | 1220 | 1390 |
| 819 | 7.10 |         | 437.0 | 16.0 | 42.0  | 1.0   |      |    | 0.7 | 18.0             | 43.0             | 104.0           | 700.0  | 2.10  |      | 1470 | 1475 |
| 820 | 7.10 |         | 391.0 | 2.0  | 54.0  | 1.0   |      |    | 1.1 | 200.0            | 49.0             | 43.0            | 651.0  | 2.60  |      | 1310 | 1400 |
| 821 | 7.90 |         | 63.0  | 4.0  | 69.0  |       |      |    | 1.0 | 18.0             | 27.0             | 79.0            | 613.0  | 4.90  |      | 1210 | 870  |
| 822 |      |         |       |      |       |       |      |    |     |                  |                  |                 |        |       |      |      |      |
| 823 |      |         |       |      |       |       |      |    |     |                  |                  |                 |        |       |      |      |      |
| 824 |      |         |       |      |       |       |      |    |     |                  |                  |                 |        |       |      |      |      |
| 825 |      |         |       |      |       |       |      |    |     |                  |                  |                 |        |       |      |      |      |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca    | Mg   | Fe | Li   | B   | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl    | F    | As | TDSm | TDSc |
|-----|------|---------|-------|------|-------|------|----|------|-----|------------------|------------------|-----------------|-------|------|----|------|------|
| 826 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 827 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 828 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 829 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 830 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 831 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 832 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 833 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 834 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 835 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 836 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 837 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 838 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 839 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 840 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 841 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 842 | 8.30 |         | 18.0  | 0.3  | 36.0  | 51.0 |    |      | 0.4 | 43.0             | 251.0            | 113.0           | 10.0  | 0.10 |    | 400  | 400  |
| 843 | 8.00 |         | 196.0 | 6.0  | 94.0  | 67.0 |    | 0.13 | 2.4 | 17.0             | 534.0            | 312.0           | 124.0 | 0.60 |    | 1090 | 1080 |
| 844 | 8.00 |         | 505.0 | 4.0  | 6.0   | 0.1  |    | 0.10 | 2.8 | 68.0             | 596.0            | 273.0           | 250.0 | 2.50 |    |      | 1400 |
| 845 | 7.10 |         | 720.0 | 11.0 | 116.0 | 0.5  |    | 0.52 | 9.2 | 85.0             | 56.0             | 558.0           | 840.0 | 4.90 |    | 2300 | 2370 |
| 846 | 8.30 |         | 465.0 | 5.1  | 5.0   | 0.6  |    | 0.12 | 2.0 | 79.0             | 578.0            | 252.0           | 184.0 | 2.70 |    |      | 1310 |
| 847 | 8.20 |         | 195.0 | 5.0  | 15.0  | 8.0  |    |      | 1.2 |                  | 340.0            | 164.0           | 33.0  | 0.80 |    |      | 600  |
| 848 | 8.70 | 2470    | 490.0 | 9.3  | 5.0   | 1.0  |    |      | 6.8 |                  | 194.0            |                 | 675.0 | 3.40 |    |      | 1310 |
| 849 |      |         |       |      |       |      |    |      |     |                  |                  |                 |       |      |    |      |      |
| 850 | 8.40 |         | 325.0 | 2.3  | 4.0   | 1.3  |    | 0.06 | 1.3 | 52.0             | 467.0            | 141.0           | 133.0 | 1.70 |    | 900  | 900  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na     | K    | Ca    | Mg    | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As | TDSm | TDSc |
|-----|------|---------|--------|------|-------|-------|------|------|------|------------------|------------------|-----------------|--------|-------|----|------|------|
| 851 | 8.20 |         | 520.0  | 11.0 | 11.0  | 5.5   |      | 0.10 | 2.3  | 63.0             | 642.0            | 239.0           | 315.0  | 1.90  |    | 1490 | 1480 |
| 852 |      |         |        |      |       |       |      |      |      |                  |                  |                 |        |       |    |      |      |
| 853 |      |         |        |      |       |       |      |      |      |                  |                  |                 |        |       |    |      |      |
| 854 |      |         |        |      |       |       |      |      |      |                  |                  |                 |        |       |    |      |      |
| 855 | 7.00 | 1000    | 70.0   | 14.0 | 50.0  | 34.0  |      |      | 0.2  | 38.0             | 448.0            | 18.0            | 79.0   | 4.00  |    |      | 540  |
| 856 | 7.20 | 1450    | 170.0  | 25.0 | 31.0  | 26.0  |      |      | 1.1  | 55.0             | 706.0            |                 | 34.0   | 0.70  |    |      | 691  |
| 857 | 6.60 | 950     | 51.0   | 13.0 | 60.0  | 37.0  | 0.08 |      |      | 29.0             | 483.0            |                 | 43.0   | 0.50  |    |      | 482  |
| 858 | 7.90 |         | 308.0  | 4.0  | 101.0 | 24.0  |      |      | 0.7  |                  | 132.0            | 656.0           | 172.0  | 1.40  |    | 1430 | 1330 |
| 859 | 7.80 |         | 2100.0 | 46.0 | 34.0  | 31.0  |      |      | 5.4  |                  | 1547.0           | 33.0            | 2550.0 | 1.90  |    | 5610 | 5560 |
| 860 | 7.80 |         | 131.0  | 2.0  | 50.0  | 2.0   |      |      | 0.2  |                  | 186.0            | 189.0           | 53.0   | 0.30  |    | 560  | 520  |
| 861 | 7.10 | 900     | 151.0  |      | 23.0  | 4.0   | 0.24 | 0.12 | 1.2  | 29.0             | 419.0            | 90.0            | 53.0   | 0.60  |    |      | 565  |
| 862 | 8.20 |         | 215.0  | 2.0  | 37.0  | 8.0   |      |      | 1.3  | 18.0             | 261.0            | 182.0           | 138.0  | 0.60  |    | 750  | 730  |
| 863 | 8.90 |         | 1010.0 | 5.0  | 16.0  | 4.0   |      |      | 3.9  | 24.0             | 972.0            | 1.0             | 915.0  | 5.00  |    | 2550 | 2550 |
| 864 | 8.80 |         | 105.0  | 1.0  |       |       |      |      | 0.3  | 40.0             | 122.0            | 35.0            | 11.0   | 2.60  |    | 300  | 300  |
| 865 | 8.20 |         | 163.0  | 1.2  | 4.4   |       |      |      | 3.0  |                  | 226.0            | 36.0            | 101.0  | 2.80  |    | 540  | 420  |
| 866 | 8.20 |         | 110.0  |      |       |       |      |      | 0.4  | 25.0             | 200.0            | 55.0            | 8.0    | 2.80  |    | 300  | 296  |
| 867 | 8.00 | 540     | 128.0  | 2.0  | 5.0   | 1.0   | 0.04 |      | 1.3  | 29.0             | 235.0            | 14.0            | 50.0   | 3.60  |    | 380  | 350  |
| 868 |      |         |        |      |       |       |      |      |      |                  |                  |                 |        |       |    |      |      |
| 869 | 8.20 |         | 258.0  | 2.3  | 2.0   |       |      | 0.20 | 6.0  | 60.0             | 570.0            | 17.0            | 46.0   | 12.00 |    | 690  | 685  |
| 870 | 7.80 |         | 720.0  | 5.5  | 89.0  | 6.3   |      | 0.68 | 14.0 | 24.0             | 248.0            | 17.0            | 1160.0 | 5.00  |    | 2170 | 2220 |
| 871 | 2.80 |         |        |      | 3.0   |       | 0.36 |      |      |                  |                  |                 |        |       |    |      |      |
| 872 | 7.20 |         | 700.0  | 23.0 | 85.0  | 35.0  |      | 0.77 | 8.3  | 23.0             | 2010.0           | 74.0            | 193.0  | 1.80  |    | 2150 | 2130 |
| 873 | 7.00 |         | 274.0  | 6.0  | 13.0  | 134.0 |      | 0.16 | 17.0 | 101.0            | 1240.0           | 2.0             | 130.0  | 0.40  |    | 1300 | 1290 |
| 874 | 7.70 |         | 272.0  | 7.5  | 38.0  | 16.0  |      | 0.05 | 2.0  | 21.0             | 544.0            | 8.0             | 222.0  | 1.60  |    | 850  | 840  |
| 875 | 7.20 |         | 66.0   | 8.4  | 83.0  | 19.0  |      |      | 0.1  | 65.0             | 310.0            | 113.0           | 67.0   |       |    |      | 573  |

TABLE 2. - CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - WATER CHEMISTRY DATA

| ID# | pH   | CONDUCT | Na    | K    | Ca    | Mg   | Fe   | Li   | B    | SiO <sub>2</sub> | HCO <sub>3</sub> | SO <sub>4</sub> | Cl     | F     | As   | TDSm | TDSc |
|-----|------|---------|-------|------|-------|------|------|------|------|------------------|------------------|-----------------|--------|-------|------|------|------|
| 976 | 8.80 |         | 555.0 | 4.8  | 170.0 |      |      | 0.08 | 2.8  | 44.0             | 2.0              | 4.0             | 1160.0 | 1.40  | 0.10 | 1960 | 1950 |
| 977 | 7.60 |         | 257.0 | 7.4  | 50.0  | 0.7  |      | 0.80 | 4.3  | 67.0             | 62.0             | 150.0           | 345.0  |       |      | 950  | 910  |
| 978 | 6.07 |         | 970.0 | 92.0 | 110.0 | 38.0 |      |      | 22.0 | 190.0            | 1480.0           | 250.0           | 880.0  | 1.00  |      |      | 3280 |
| 979 |      |         |       |      |       |      |      |      |      |                  |                  |                 |        |       |      |      |      |
| 980 | 6.60 |         | 519.0 | 16.0 | 165.0 | 43.0 |      | 1.70 | 6.7  | 84.0             | 1220.0           | 1.0             | 568.0  | 1.20  | 0.10 | 2030 | 2030 |
| 981 | 7.00 |         | 16.0  | 2.2  | 15.0  | 4.7  |      |      |      | 54.0             | 100.0            | 5.0             | 7.0    | 0.20  |      | 150  | 154  |
| 982 | 8.00 | 258     | 47.0  | 3.0  | 17.0  | 1.0  | 0.05 | 0.06 | 0.4  | 39.0             | 75.0             |                 | 29.0   | 1.90  |      |      | 193  |
| 983 | 7.80 |         | 128.0 | 3.9  | 28.0  | 5.6  |      |      | 0.3  |                  | 128.0            | 85.0            | 123.0  | 0.60  |      | 450  | 440  |
| 984 | 8.80 |         | 292.0 | 3.4  | 15.0  | 2.1  |      | 0.22 | 6.6  | 45.0             | 512.0            | 67.0            | 91.0   | 12.00 |      | 820  | 820  |
| 985 | 7.74 |         | 330.0 | 14.0 | 22.0  | 0.1  |      |      | 13.0 | 98.0             | 70.0             | 290.0           | 290.0  | 12.00 |      | 1090 | 1091 |
| 986 | 7.90 |         | 340.0 | 13.0 | 42.0  | 4.4  |      | 0.84 | 16.0 | 56.0             | 111.0            | 71.0            | 502.0  | 6.80  |      | 1110 | 1110 |
| 987 | 8.70 |         | 336.0 | 3.6  | 8.0   | 0.6  |      | 0.28 | 7.4  | 31.0             | 478.0            | 29.0            | 245.0  | 7.40  |      | 905  | 905  |
| 988 |      |         |       |      |       |      |      |      |      |                  |                  |                 |        |       |      |      |      |
| 989 | 8.30 | 405     | 90.0  | 0.8  | 7.0   |      | 0.05 |      | 0.3  | 39.0             | 151.0            | 39.0            | 19.0   | 1.80  |      | 250  | 272  |

TABLE 3

CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES



TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | REFERENCE                  | Page(s) |
|-----|-------------------------|------|------|---------|----------|-----|-------------------|----------------------------|---------|
| 1   | Crohare Spring          | SP   | Y    | 37.6320 | 121.7620 | ALA | Pleasanton        | Berkstresser, 1968b        |         |
| 2   | Warm Springs            | SP   | Y    | 37.5030 | 121.9067 | ALA | Fremont           | Berkstresser, 1968b        |         |
| 3   | Grovers Hot Springs     | SP   | Y    | 38.6980 | 119.8450 | ALP | Markleeville      | Leivas and Bacon, 1982     |         |
| 4   | Unnamed Spring          | SP   | Y    | 38.7728 | 119.7130 | ALP | Markleeville      | Majmudar, 1984             |         |
| 5   | Valley Springs          | SP   | N    | 38.1952 | 120.8225 | CAL | Valley Springs    | Leivas and Bacon, 1982     |         |
| 6   | Red Eye Spring          | SP   | Y    | 39.3510 | 122.6705 | COL | Red Eye Spring    | Berkstresser, 1968b        |         |
| 7   | Elgin Mine (Spring)     | SP   | Y    | 39.0570 | 122.4708 | COL | Wilbur Springs    | Bliss, 1983                |         |
| 8   | Wilbur Hot Spring       | SP   | N    | 39.0387 | 122.4208 | COL | Wilbur Springs    | Goff and Janik, 1993       | 243-244 |
| 9   | "Sunedco/Bailey Min." 1 | NLT  | Y    | 39.0333 | 122.4301 | COL | Wilbur Springs    | CA. Div. Oil and Gas, 1993 |         |
| 10  | Empire Silver Mine      | SP   | Y    | 39.0377 | 122.4255 | COL | Wilbur Springs    | Bliss, 1983                |         |
| 11  | Jones Hot Spring (W)    | SW   | N    | 39.0338 | 122.4270 | COL | Wilbur Springs    | Goff and Janik, 1993       | 244-247 |
| 12  | Unnamed Springs         | SP   | Y    | 39.0348 | 122.4265 | COL | Wilbur Springs    | Waring, 1965               |         |
| 13  | Blacks Hot Springs      | SP   | Y    | 39.0312 | 122.4313 | COL | Wilbur Springs    | Waring, 1965               |         |
| 14  | Sulphur Spring          | SP   | Y    | 37.9147 | 122.0420 | CCA | Mt. Diablo        | Berkstresser, 1968b        |         |
| 15  | Unnamed Spring          | SP   | Y    | 37.9292 | 121.9650 | CCA | Mt. Diablo        | Berkstresser, 1968b        |         |
| 16  | Unnamed Well            | W    | Y    | 37.9375 | 121.9542 | CCA | Mt. Diablo        | Bliss, 1983                |         |
| 17  | Unnamed Spring          | SP   | Y    | 37.8945 | 121.8737 | CCA | Mt. Diablo        | Pampeyan, 1963             |         |
| 18  | Byron Hot Springs       | SW   | Y    | 37.8472 | 121.6305 | CCA | Byron             | Leivas and others, 1981    |         |
| 19  | Wentworth Springs       | SP   | Y    | 39.0130 | 120.3380 | ELD | Wentworth Springs | Waring, 1965               |         |
| 20  | Meyers Warm Spring      | SP   | Y    | 38.8500 | 120.0250 | ELD | Echo Summit       | Bliss, 1983                |         |
| 21  | Fish Creek Hot Sps.     | SP   | Y    | 37.5320 | 119.0245 | FRE | NE. Fresno Co.    | Waring, 1915               |         |
| 22  | Unnamed Spring          | SP   | Y    | 37.4125 | 119.1392 | FRE | NE. Fresno Co.    | Majmudar, 1984             |         |
| 23  | Hono Hot Springs        | SP   | Y    | 37.3267 | 119.0167 | FRE | Hono Hot Springs  | Mariner and others, 1977   |         |
| 24  | Blaney Meadows Hot Sps. | SP   | Y    | 37.2337 | 118.8813 | FRE | NE. Fresno Co.    | Mariner and others, 1977   |         |
| 25  | Mercy Hot Springs       | SP   | Y    | 36.7033 | 120.8598 | FRE | Mercy Hot Sps.    | Leivas and Bacon, 1982     |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                           |      |      |         |          |     |                 |                             |         |  |
|---------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|--|
| ID#                                                           | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |  |
| 26                                                            | Escarpado Spring          | SP   | Y    | 36.6417 | 120.6833 | FRE | Mendota         | Bliss, 1983                 |         |  |
| 27                                                            | Coalinga Mineral Sps.     | SP   | Y    | 36.1450 | 120.5562 | FRE | Coalinga        | Berkstresser, 1968b         |         |  |
| 28                                                            | Salt Spring               | SP   | Y    | 39.4303 | 122.5363 | GLE | Stonyford       | Barnes and others, 1973     |         |  |
| 29                                                            | Fish Springs Well         | WW   | Y    | 33.4180 | 116.0400 | IMP | NW. Salton Sea  | Hardt and French, 1976      |         |  |
| 30                                                            | Fish Springs              | SP   | Y    | 33.4070 | 116.0347 | IMP | NW. Salton Sea  | Berkstresser, 1969          |         |  |
| 31                                                            | Well 9S/9E-23M1 S         | WW   | N    | 33.3742 | 116.0133 | IMP | NW. Salton Sea  | CA. Dept. Water Res., 1970a |         |  |
| 32                                                            | Ballard's Truckhaven      | WW   | Y    | 33.2972 | 115.9762 | IMP | Salton City     | CA. Dept. Water Res., 1970a |         |  |
| 33                                                            | Well 10S/9E-35M1 S        | WW   | Y    | 33.2520 | 116.0108 | IMP | Salton City     | Hardt and French, 1976      |         |  |
| 34                                                            | Well 10S/9E-36P1 S        | WW   | Y    | 33.2513 | 115.9872 | IMP | Salton City     | Majumdar, 1984              |         |  |
| 35                                                            | Holly Corp. Hot Mnr. Well | WW   | N    | 33.2475 | 116.0008 | IMP | Salton City     | CA. Dept. Water Res., 1970a |         |  |
| 36                                                            | Jacobs No.3 Well          | X    | N    | 33.1167 | 116.0195 | IMP | Borrego Valley  | Rex, 1972                   |         |  |
| 37                                                            | Jacobs No.2 Well          | X    | Y    | 33.1170 | 116.0097 | IMP | Borrego Valley  | Rex, 1972                   |         |  |
| 38                                                            | Landmark Corp. Well       | X    | N    | 33.0638 | 116.0308 | IMP | Borrego Valley  | Rex, 1972                   |         |  |
| 39                                                            | Well 14S/11E-32R1 S       | WW   | Y    | 32.9030 | 115.8480 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 40                                                            | C.L. Smith Well           | WW   | Y    | 32.7167 | 115.9630 | IMP | Ocotillo        | Rex, 1972                   |         |  |
| 41                                                            | J. Greene Well            | WW   | Y    | 32.7833 | 115.9478 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 42                                                            | Dollinger Well            | WW   | Y    | 32.7763 | 115.9405 | IMP | Ocotillo        | Rex, 1972                   |         |  |
| 43                                                            | Miller's Serv. Sta. Well  | WW   | Y    | 32.7292 | 116.0167 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 44                                                            | H.D. Currey Well          | WW   | Y    | 32.7388 | 116.0047 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 45                                                            | Davis Spring (Well)       | SW   | Y    | 32.6945 | 116.0250 | IMP | Ocotillo        | Berkstresser, 1969          |         |  |
| 46                                                            | Texaco Station Well       | WW   | Y    | 32.7305 | 115.9937 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 47                                                            | W. Simpson Well           | WW   | Y    | 32.6897 | 115.9247 | IMP | Ocotillo        | Hardt and French, 1976      |         |  |
| 48                                                            | Unnamed Well              | WW   | N    | 33.4250 | 115.6917 | IMP | Hot Mineral Spa | Moyle, 1974                 |         |  |
| 49                                                            | Hot Mineral Spa Well      | WW   | Y    | 33.4258 | 115.6855 | IMP | Hot Mineral Spa | Berkstresser, 1969          |         |  |
| 50                                                            | Bashford's Hot Mnr. (W)   | WW   | N    | 33.4237 | 115.6808 | IMP | Hot Mineral Spa | CA. Dept. Water Res., 1970a |         |  |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|----------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 51  | "Bashford" 1               | CLT  | Y    | 33.4179 | 115.6799 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 52  | Fountain Of Youth Well     | WW   | Y    | 33.4033 | 115.6617 | IMP | Hot Mineral Spa | CA. Dept. Water Res., 1970a |         |
| 53  | Fountain of Youth, "Spa" 2 | CLT  | N    | 33.3991 | 115.6626 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 54  | Well 9S/13E-20E1 S         | WW   | Y    | 33.3788 | 115.6437 | IMP | Hot Mineral Spa | CA. Dept. Water Res., 1970a |         |
| 55  | "Niland" 1                 | CLT  | N    | 33.4179 | 115.6799 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 56  | "Niland" 2                 | CLT  | N    | 33.4160 | 115.6782 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 57  | "Niland" 3                 | CLT  | N    | 33.4176 | 115.6788 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 58  | "Imperial" 1               | CLT  | N    | 33.4182 | 115.6743 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 59  | "Imperial" 2               | CLT  | N    | 33.4164 | 115.6811 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 60  | "Imperial" 3               | CLT  | N    | 33.4205 | 115.6786 | IMP | Hot Mineral Spa | CA. Div. Oil and Gas, 1993  |         |
| 61  | Unnamed Mud Volcano        | SP   | Y    | 33.3450 | 115.5875 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 62  | Unnamed Mud Volcano        | SP   | N    | 33.3450 | 115.5700 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 63  | Unnamed Mud Volcano        | SP   | N    | 33.3233 | 115.5700 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 64  | Unnamed Mud Volcano        | SP   | N    | 33.3233 | 115.5875 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 65  | Unnamed Mud Volcano        | SP   | N    | 33.3117 | 115.6067 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 66  | Unnamed Mud Volcano        | SP   | Y    | 33.3117 | 115.5875 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 67  | Unnamed Mud Volcano        | SP   | N    | 33.2850 | 115.5700 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 68  | Unnamed Mud Volcano        | SP   | Y    | 33.2850 | 115.5883 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |
| 69  | Well 11S/14E-2A1 S         | WW   | Y    | 33.2442 | 115.4772 | IMP | Niland          | Hardt and French, 1976      |         |
| 70  | Fish Producers, "Ray" 1    | CLT  | Y    | 33.2293 | 115.4646 | IMP | Niland          | CA. Div. Oil and Gas, 1993  |         |
| 71  | Unnamed Mud Pot            | SP   | N    | 33.2197 | 115.5803 | IMP | Salton Sea KGRA | Waring, 1965                |         |
| 72  | J. Massion Well            | WW   | Y    | 33.2197 | 115.5787 | IMP | Salton Sea KGRA | CA. Dept. Water Res., 1970a |         |
| 73  | Earth Energy Hudson 1      | X    | N    | 33.2122 | 115.5695 | IMP | Salton Sea KGRA | CA. Dept. Water Res., 1970a |         |
| 74  | Unnamed Mud Pots           | SP   | N    | 33.2125 | 115.5958 | IMP | Salton Sea KGRA | Waring, 1965                |         |
| 75  | Well 11S/13E-22H1 S        | WW   | N    | 33.1983 | 115.5970 | IMP | Salton Sea KGRA | Majmudar, 1984              |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 76' | IID 3 - Imp. Therm. Pr.  | X    | Y    | 33.2053 | 115.5883 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 77  | Earth Energy Rvr Ranch 1 | X    | N    | 33.2025 | 115.5780 | IMP | Salton Sea KGRA | CA. Dept. Water Res., 1970a |         |
| 78  | Unnamed Mud Pot          | SP   | N    | 33.2008 | 115.5772 | IMP | Salton Sea KGRA | Berkstresser, 1969          |         |
| 79  | O'Neill Geothermal Inc.  | X    | N    | 33.2005 | 115.5872 | IMP | Salton Sea KGRA | CA. Dept. Water Res., 1970a |         |
| 80  | IID 1 - Imp. Therm. Pr.  | X    | N    | 33.2020 | 115.5917 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 81  | IID 2 - Imp. Therm. Pr.  | X    | Y    | 33.1967 | 115.5983 | IMP | Salton Sea KGRA | CA. Dept. Water Res., 1970a |         |
| 82  | Elmore 1 Well            | X    | N    | 33.1830 | 115.6122 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 83  | MagmaMax 3 Magma Power   | X    | N    | 33.1687 | 115.6228 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 84  | MagmaMax 2 Magma Power   | X    | N    | 33.1687 | 115.6292 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 85  | MagmaMax 1 Magma Power   | X    | Y    | 33.1625 | 115.6187 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 86  | Magma Power, Woolsey 1   | X    | N    | 33.1625 | 115.6145 | IMP | Salton Sea KGRA | Hardt and French, 1976      |         |
| 87  | Sinclair 4               | X    | N    | 33.1487 | 115.6213 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 88  | Sinclair 3               | X    | Y    | 33.1470 | 115.6075 | IMP | Salton Sea KGRA | Cosner and Apps, 1978       |         |
| 89  | Well 13S/14E-9R1 S       | WW   | Y    | 33.0287 | 115.5233 | IMP | Brawley         | Hardt and French, 1976      |         |
| 90  | C. Bowles Well           | WW   | Y    | 33.1262 | 115.4778 | IMP | Calipatria      | Rex, 1972                   |         |
| 91  | Well 12S/15E-3A1 S       | WW   | Y    | 33.1617 | 115.3887 | IMP | Calipatria      | Hardt and French, 1976      |         |
| 92  | Well 12S/15E-26J1 S      | WW   | Y    | 33.0962 | 115.3722 | IMP | Imperial Valley | Majumdar, 1984              |         |
| 93  | Well 12S/15E-27R1 S      | WW   | N    | 33.0897 | 115.3888 | IMP | Imperial Valley | Reed, 1975                  |         |
| 94  | Well 13S/15E-5D1 S       | WW   | Y    | 33.0667 | 115.4478 | IMP | Imperial Valley | Reed, 1975                  |         |
| 95  | Well 13S/15E-3N1 S       | WW   | N    | 33.0442 | 115.4162 | IMP | Imperial Valley | Reed, 1975                  |         |
| 96  | Well 13S/15E-3Q1 S       | WW   | Y    | 33.0450 | 115.4047 | IMP | Imperial Valley | Majumdar, 1984              |         |
| 97  | Well 13S/15E-1B1 S       | WW   | N    | 33.0612 | 115.3703 | IMP | Imperial Valley | Hardt and French, 1976      |         |
| 98  | Well 13S/16E-6A1 S       | WW   | N    | 33.0603 | 115.3522 | IMP | Imperial Valley | Hardt and French, 1976      |         |
| 99  | Well 12S/16E-31N1 S      | WW   | N    | 33.0750 | 115.3487 | IMP | Imperial Valley | Reed, 1975                  |         |
| 100 | Well 13S/16E-6J1 S       | WW   | N    | 33.0495 | 115.3492 | IMP | Imperial Valley | Reed, 1975                  |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE              | Page(s) |
|-----|------------------------|------|------|---------|----------|-----|-----------------|------------------------|---------|
| 101 | Well 13S/16E-18F1 S    | WW   | N    | 33.0222 | 115.3583 | IMP | Imperial Valley | Rex, 1972              |         |
| 102 | Well 13S/16E-6P1 S     | WW   | N    | 33.0438 | 115.3583 | IMP | Imperial Valley | Reed, 1975             |         |
| 103 | Well 13S/16E-6N1 S     | WW   | Y    | 33.0438 | 115.3622 | IMP | Imperial Valley | Majumdar, 1984         |         |
| 104 | Well 13S/15E-1Q1 S     | WW   | N    | 33.0467 | 115.3703 | IMP | Imperial Valley | Majumdar, 1984         |         |
| 105 | Meyer-Dickerman Well   | WW   | N    | 33.0305 | 115.3703 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 106 | Dickerman-Butters Well | WW   | Y    | 33.0233 | 115.3663 | IMP | Imperial Valley | Rex, 1972              |         |
| 107 | Well 13S/15E-16Q1 S    | WW   | Y    | 33.0158 | 115.4238 | IMP | Imperial Valley | Reed, 1975             |         |
| 108 | Well 13S/15E-24E1 S    | WW   | N    | 33.0083 | 115.3805 | IMP | Imperial Valley | Majumdar, 1984         |         |
| 109 | Well 13S/15E-24N1 S    | WW   | N    | 33.0013 | 115.3813 | IMP | Imperial Valley | Reed, 1975             |         |
| 110 | Well 13S/15E-23Q1 S    | WW   | Y    | 33.0013 | 115.3887 | IMP | Imperial Valley | Reed, 1975             |         |
| 111 | T. Shank Well          | WW   | Y    | 32.9825 | 115.4488 | IMP | Imperial Valley | Reed, 1975             |         |
| 112 | N. Fifield Well        | WW   | Y    | 32.9678 | 115.4488 | IMP | Imperial Valley | Reed, 1975             |         |
| 113 | Magnolia School Well   | WW   | N    | 32.9825 | 115.4220 | IMP | Imperial Valley | Reed, 1975             |         |
| 114 | Well 13S/15E-33K1 S    | WW   | N    | 32.9745 | 115.4242 | IMP | Imperial Valley | Majumdar, 1984         |         |
| 115 | M. Phegley Well        | WW   | N    | 32.9750 | 115.4150 | IMP | Imperial Valley | Reed, 1975             |         |
| 116 | Fifield-Hoepner Well   | WW   | N    | 32.9747 | 115.4067 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 117 | Orita Feed Lot Well    | WW   | Y    | 32.9750 | 115.4012 | IMP | Imperial Valley | Rex, 1972              |         |
| 118 | B. Emanuelli Well      | WW   | N    | 32.9825 | 115.3362 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 119 | Well 13S/16E-28R1 S    | WW   | Y    | 32.9867 | 115.3158 | IMP | Imperial Valley | Rex, 1972              |         |
| 120 | Mainer-Shank Well      | WW   | N    | 32.9533 | 115.4320 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 121 | J. Birger Well         | WW   | Y    | 32.9450 | 115.4317 | IMP | Imperial Valley | Reed, 1975             |         |
| 122 | Moiola Feed Lot Well   | WW   | N    | 32.9533 | 115.3972 | IMP | Imperial Valley | Reed, 1975             |         |
| 123 | Gisler-Bowman Well     | WW   | N    | 32.9380 | 115.4058 | IMP | Imperial Valley | Reed, 1975             |         |
| 124 | Mendiburu Lot Well     | WW   | Y    | 32.9433 | 115.3788 | IMP | Imperial Valley | Reed, 1975             |         |
| 125 | F. Borchard Well       | WW   | N    | 32.9580 | 115.3195 | IMP | Imperial Valley | Reed, 1975             |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                      |      |      |         |          |     |                 |                        |         |
|---------------------------------------------------------------|----------------------|------|------|---------|----------|-----|-----------------|------------------------|---------|
| ID#                                                           | SOURCE NAME          | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE              | Page(s) |
| 126                                                           | F. Borchard Well     | WW   | Y    | 32.9595 | 115.3208 | IMP | Imperial Valley | Reed, 1975             |         |
| 127                                                           | Well 14S/16E-11H1 S  | WW   | Y    | 32.9508 | 115.2837 | IMP | Imperial Valley | Reed, 1975             |         |
| 128                                                           | Well 14S/16E-16B1 S  | WW   | N    | 32.9387 | 115.3197 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 129                                                           | Well 14S/16E-15K1 S  | WW   | N    | 32.9313 | 115.3197 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 130                                                           | Well 14S/16E-21D1 S  | WW   | N    | 32.9245 | 115.3283 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 131                                                           | Well 14S/16E-21B1 S  | WW   | N    | 32.9245 | 115.3197 | IMP | Imperial Valley | Reed, 1975             |         |
| 132                                                           | Well 14S/16E-22D1 S  | WW   | Y    | 32.9245 | 115.3113 | IMP | Imperial Valley | Reed, 1975             |         |
| 133                                                           | Coons Well           | WW   | N    | 32.9025 | 115.3055 | IMP | Imperial Valley | Rex, 1972              |         |
| 134                                                           | Well 14S/16E-19H1 S  | WW   | N    | 32.9153 | 115.3650 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 135                                                           | J. Birger No. 1 Well | WW   | Y    | 32.9170 | 115.3975 | IMP | Imperial Valley | Reed, 1975             |         |
| 136                                                           | J. Birger No. 2 Well | WW   | N    | 32.9097 | 115.4045 | IMP | Imperial Valley | Reed, 1975             |         |
| 137                                                           | H. Foster Well       | WW   | N    | 32.9025 | 115.4233 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 138                                                           | Jenson Well          | WW   | N    | 32.8953 | 115.4063 | IMP | Imperial Valley | Reed, 1975             |         |
| 139                                                           | Gaddis Well          | WW   | Y    | 32.8838 | 115.4042 | IMP | Imperial Valley | Reed, 1975             |         |
| 140                                                           | Well 15S/15E-11H1 S  | WW   | Y    | 32.8770 | 115.3705 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 141                                                           | Well 15S/16E-7F1 S   | WW   | N    | 32.8630 | 115.3583 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 142                                                           | Hooke Well           | WW   | N    | 32.8578 | 115.3530 | IMP | Imperial Valley | Reed, 1975             |         |
| 143                                                           | Well 15S/15E-12H1 S  | WW   | Y    | 32.8622 | 115.3705 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 144                                                           | Unnamed Well         | WW   | N    | 32.8617 | 115.3750 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 145                                                           | C. Allen Well        | WW   | Y    | 32.8478 | 115.4095 | IMP | Imperial Valley | Reed, 1975             |         |
| 146                                                           | Well 15S/15E-13H1 S  | WW   | Y    | 32.8397 | 115.3792 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 147                                                           | Well 15S/15E-9N1 S   | WW   | Y    | 32.8575 | 115.4333 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 148                                                           | Well 15S/15E-10G1 S  | WW   | N    | 32.8622 | 115.4062 | IMP | Imperial Valley | Reed, 1975             |         |
| 149                                                           | Well 15S/15E-9E1 S   | WW   | N    | 32.8655 | 115.4317 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 150                                                           | Unnamed Well         | WW   | N    | 32.8500 | 115.4583 | IMP | Imperial Valley | Moyle, 1974            |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE              | Page(s) |
|-----|-------------------------|------|------|---------|----------|-----|-----------------|------------------------|---------|
| 151 | Well 15S/14E-13E1 S     | WW   | Y    | 32.8480 | 115.4820 | IMP | Imperial Valley | Hardt and French, 1976 |         |
| 152 | Magna Ener. Bonanza 1   | X    | Y    | 32.8317 | 115.5088 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 153 | Unnamed Well            | WW   | Y    | 32.8583 | 115.5667 | IMP | Imperial Valley | Majmudar, 1984         |         |
| 154 | Magna Ener. Fed-Rite 1  | X    | Y    | 32.6867 | 115.6562 | IMP | Heber           | Hardt and French, 1976 |         |
| 155 | Magna Ener. Holtz 2     | X    | Y    | 32.7153 | 115.5578 | IMP | Heber           | Hardt and French, 1976 |         |
| 156 | Magna Ener. Holtz 1     | X    | Y    | 32.7153 | 115.5425 | IMP | Heber           | Hardt and French, 1976 |         |
| 157 | Chevron, Nowlin Partner | X    | Y    | 32.7153 | 115.5263 | IMP | Heber           | Cosner and Apps, 1978  |         |
| 158 | Well 15S/15E-26B1 S     | WW   | N    | 32.8187 | 115.3892 | IMP | Holtville       | Reed, 1975             |         |
| 159 | Well 15S/15E-25D1 S     | WW   | N    | 32.8225 | 115.3825 | IMP | Holtville       | Majmudar, 1984         |         |
| 160 | Well 15S/15E-25F1 S     | WW   | N    | 32.8200 | 115.3792 | IMP | Holtville       | Majmudar, 1984         |         |
| 161 | Well 15S/15E-25B1 S     | WW   | Y    | 32.8217 | 115.3670 | IMP | Holtville       | Majmudar, 1984         |         |
| 162 | Well 15S/16E-18Q1 S     | WW   | N    | 32.8405 | 115.3525 | IMP | Holtville       | Hardt and French, 1976 |         |
| 163 | Well 15S/15E-36D1 S     | WW   | N    | 32.8095 | 115.3803 | IMP | Holtville       | Reed, 1975             |         |
| 164 | Well 15S/15E-35A1 S     | WW   | Y    | 32.8100 | 115.3847 | IMP | Holtville       | Reed, 1975             |         |
| 165 | Spanish Trails Park     | WW   | N    | 32.8155 | 115.3638 | IMP | Holtville       | Reed, 1975             |         |
| 166 | A. Fusi Jr. Well        | WW   | N    | 32.8113 | 115.3538 | IMP | Holtville       | Reed, 1975             |         |
| 167 | Well 15S/16E-29Q2 S     | WW   | N    | 32.8108 | 115.3372 | IMP | Holtville       | Majmudar, 1984         |         |
| 168 | R. Garewal Well         | WW   | N    | 32.8430 | 115.3087 | IMP | Imperial Valley | Reed, 1975             |         |
| 169 | Well 15S/16E-22L1 S     | WW   | Y    | 32.8325 | 115.3062 | IMP | Imperial Valley | Reed, 1975             |         |
| 170 | Well 15S/16E-23F1 S     | WW   | N    | 32.8337 | 115.2908 | IMP | Imperial Valley | Reed, 1975             |         |
| 171 | Well 15S/16E-36E1 S     | WW   | N    | 32.8037 | 115.2753 | IMP | East Mesa KGRA  | Majmudar, 1984         |         |
| 172 | Magna Ener. Sharp 1     | X    | N    | 32.7962 | 115.2863 | IMP | East Mesa KGRA  | Hardt and French, 1976 |         |
| 173 | C. Ansiel Well          | WW   | Y    | 32.7888 | 115.3230 | IMP | Imperial Valley | Reed, 1975             |         |
| 174 | Mesa 6-2 U.S.B.R.       | X    | N    | 32.7858 | 115.2555 | IMP | East Mesa KGRA  | Cosner and Apps, 1978  |         |
| 175 | Mesa 6-1 U.S.B.R.       | X    | Y    | 32.7862 | 115.2488 | IMP | East Mesa KGRA  | Cosner and Apps, 1978  |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                           |      |      |         |          |     |                  |                         |         |  |
|---------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|------------------|-------------------------|---------|--|
| ID#                                                           | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | REFERENCE               | Page(s) |  |
| 176                                                           | UC 6-1S1 Well             | X    | N    | 32.7862 | 115.2488 | IMP | East Mesa KGRA   | Rex, 1972               |         |  |
| 177                                                           | Mesa 5-1 U.S.B.R.         | X    | N    | 32.7942 | 115.2305 | IMP | East Mesa KGRA   | Cosner and Apps, 1978   |         |  |
| 178                                                           | U.C. Riverside 127 Well   | X    | Y    | 32.7662 | 115.2362 | IMP | East Mesa KGRA   | Hardt and French, 1976  |         |  |
| 179                                                           | Linden Gravel Well        | WW   | N    | 32.7653 | 115.2700 | IMP | East Mesa KGRA   | Rex, 1972               |         |  |
| 180                                                           | Schneider-Guthrie Well    | WW   | N    | 32.7717 | 115.2762 | IMP | East Mesa KGRA   | Rex, 1972               |         |  |
| 181                                                           | Watton Camp Well          | WW   | Y    | 32.7658 | 115.2838 | IMP | East Mesa KGRA   | Reed, 1975              |         |  |
| 182                                                           | Well 16S/16E-1581 S       | WW   | Y    | 32.7658 | 115.3028 | IMP | Imperial Valley  | Reed, 1975              |         |  |
| 183                                                           | Lchuga Store Well         | WW   | Y    | 32.7561 | 115.3367 | IMP | Imperial Valley  | Rex, 1972               |         |  |
| 184                                                           | Well 16S/16E-33D1 S       | WW   | Y    | 32.7225 | 115.3280 | IMP | Imperial Valley  | Rex, 1972               |         |  |
| 185                                                           | L. Bornt Well             | WW   | Y    | 32.6925 | 115.3350 | IMP | Imperial Valley  | Reed, 1975              |         |  |
| 186                                                           | Magma Ener. Sharp 2       | X    | N    | 32.7155 | 115.2978 | IMP | Imperial Valley  | Hardt and French, 1976  |         |  |
| 187                                                           | Smith Brothers Well       | WW   | Y    | 32.9987 | 115.0738 | IMP | Glamis           | Rex, 1972               |         |  |
| 188                                                           | Erma Mine Well            | WW   | Y    | 32.9983 | 114.9817 | IMP | Glamis           | Rex, 1972               |         |  |
| 189                                                           | Gold Rock Ranch Well      | WW   | Y    | 33.8683 | 114.9117 | IMP | Ogilby           | Rex, 1972               |         |  |
| 190                                                           | U.S.B.R. No. 115 Well     | X    | Y    | 32.8020 | 115.0153 | IMP | Ogilby           | Majmudar, 1984          |         |  |
| 191                                                           | Keough Hot Springs        | SP   | Y    | 37.2538 | 118.3765 | INY | Owens Valley     | Leivas and others, 1981 |         |  |
| 192                                                           | Unnamed Springs           | SP   | Y    | 37.2675 | 118.2722 | INY | Owens Valley     | Majmudar, 1984          |         |  |
| 193                                                           | Grapevine Spring          | SP   | Y    | 37.0268 | 117.3833 | INY | Death Valley     | Leivas and others, 1981 |         |  |
| 1194                                                          | Upper Warm Springs        | SP   | Y    | 36.8320 | 117.7370 | INY | Saline Valley    | Majmudar, 1984          |         |  |
| 195                                                           | Palm Spring               | SP   | Y    | 36.8130 | 117.7653 | INY | Saline Valley    | Majmudar, 1984          |         |  |
| 196                                                           | Lower Burro Warm Spring   | SP   | Y    | 36.8058 | 117.7717 | INY | Saline Valley    | Moyle, 1974             |         |  |
| 197                                                           | Little Hunter Canyon Sps. | SP   | Y    | 36.6978 | 117.8480 | INY | Saline Valley    | Bliss, 1983             |         |  |
| 198                                                           | Unnamed Spring            | SP   | Y    | 36.4955 | 117.8928 | INY | Owens Valley     | Bliss, 1983             |         |  |
| 199                                                           | Dirty Socks Hot Sps. Well | SW   | Y    | 36.3295 | 117.9487 | INY | Owens Valley     | Moyle, 1977             |         |  |
| 200                                                           | Devils Kitchen Fumarole   | SP   | Y    | 36.0347 | 117.7987 | INY | Coso Hot Springs | Moyle, 1974             |         |  |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | REFERENCE                   | Page(s) |
|-----|-------------------------|------|------|---------|----------|-----|------------------|-----------------------------|---------|
| 201 | Coso Hot Springs Well   | SP   | Y    | 36.0462 | 117.7692 | INY | Coso Hot Springs | Moyle, 1974                 |         |
| 202 | Unnamed Fumarole        | SP   | Y    | 36.0337 | 117.8330 | INY | Coso Hot Springs | Waring, 1965                |         |
| 203 | Unnamed Spring          | SP   | Y    | 35.9400 | 117.9025 | INY | Coso Hot Springs | Waring, 1915                |         |
| 204 | Bainter Spring          | SP   | Y    | 35.8428 | 117.3817 | INY | Trona            | Leivas and others, 1981     |         |
| 205 | Well 24s/43E-22M1 M     | WM   | Y    | 35.8297 | 117.3295 | INY | Trona            | CA. Dept. Water Res., 1969a |         |
| 206 | Well 24s/43E-9p1 M      | WM   | Y    | 35.8558 | 117.3405 | INY | Trona            | CA. Dept. Water Res., 1969a |         |
| 207 | Warm Sulfur Springs     | SP   | Y    | 36.1225 | 117.2150 | INY | Panamint Valley  | Waring, 1965                |         |
| 208 | Warm Spring             | SP   | Y    | 35.9667 | 116.9312 | INY | Death Valley     | Bliss, 1983                 |         |
| 209 | Tecopa Hot Springs      | SP   | Y    | 35.8718 | 116.2312 | INY | Tecopa           | Leivas and others, 1981     |         |
| 210 | Resting Spring          | SP   | Y    | 35.8775 | 116.1560 | INY | Tecopa           | Waring, 1965                |         |
| 211 | Well 21N/7E-28P1 S      | WM   | Y    | 35.8858 | 116.2333 | INY | Tecopa           | Leivas and others, 1981     |         |
| 212 | Unnamed Spring          | SP   | Y    | 35.8883 | 116.2578 | INY | Tecopa           | Majmudar, 1984              |         |
| 213 | Chappo Spring           | SP   | Y    | 35.9478 | 116.1883 | INY | Tecopa           | Waring, 1965                |         |
| 214 | Shoshone Spring         | SP   | Y    | 35.9800 | 116.2730 | INY | Tecopa           | Bliss, 1983                 |         |
| 215 | Travertine Springs      | SP   | Y    | 36.4408 | 116.8292 | INY | Death Valley     | Bliss, 1983                 |         |
| 216 | Nevares Springs         | SP   | Y    | 36.5122 | 116.7900 | INY | Death Valley     | Leivas and others, 1981     |         |
| 217 | Keane Wonder Hot Spring | SP   | Y    | 36.6762 | 116.9258 | INY | Death Valley     | Bliss, 1983                 |         |
| 218 | Meadow Hot Spring       | SP   | Y    | 35.7290 | 118.4112 | KRN | Kernville        | Leivas and others, 1981     |         |
| 219 | Meadow Hot Spring No.6  | SP   | Y    | 35.7290 | 118.4150 | KRN | Kernville        | Leivas and others, 1981     |         |
| 220 | Scovern Hot Springs     | SP   | Y    | 35.6205 | 118.4730 | KRN | Lake Isabella    | Leivas and others, 1981     |         |
| 221 | Miracle Hot Springs     | SP   | Y    | 35.5762 | 118.5330 | KRN | Bodfish          | Leivas and others, 1981     |         |
| 222 | Delonegha Hot Springs   | SP   | Y    | 35.5733 | 118.6128 | KRN | Bodfish          | Leivas and others, 1981     |         |
| 223 | Unnamed Spring          | SP   | Y    | 35.5353 | 118.6495 | KRN | Bodfish          | Majmudar, 1984              |         |
| 224 | Democrat Hot Springs    | SP   | Y    | 35.5288 | 118.6668 | KRN | Bodfish          | Leivas and others, 1981     |         |
| 225 | Yates Hot Springs       | SP   | Y    | 35.4330 | 118.4788 | KRN | Bodfish          | Waring, 1965                |         |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                  | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|-----------------|----------------------------|---------|
| 226 | Well 26S/39E-19Q1 M      | WW   | Y    | 35.6525 | 117.8197 | KRN | Inyoken         | CA. Dept. Water Res., 1963 |         |
| 227 | Well 26S/39E-24P1 M      | WW   | Y    | 35.6528 | 117.7313 | KRN | Ridgecrest      | CA. Dept. Water Res., 1963 |         |
| 228 | Well 26S/40E-22P1 M      | WW   | Y    | 35.6533 | 117.6633 | KRN | Ridgecrest      | CA. Dept. Water Res., 1963 |         |
| 229 | Well 27S/40E-7G1 M       | WW   | Y    | 35.6033 | 117.7117 | KRN | Ridgecrest      | CA. Dept. Water Res., 1963 |         |
| 230 | Warm Spring              | SP   | Y    | 35.1475 | 118.7830 | KRN | Arvin           | Majmudar, 1984             |         |
| 231 | Well 28S/27E-7C2 M       | WW   | Y    | 35.5133 | 119.1083 | KRN | Oildale         | CA. Dept Water Res., 1973c |         |
| 232 | Mize Spring              | SP   | Y    | 35.4833 | 119.9167 | KRN | W. Kern Co.     | Wood and Davis, 1959       |         |
| 233 | Carneros Spring          | SP   | Y    | 35.4388 | 119.8463 | KRN | W. Kern Co.     | Wood and Davis, 1959       |         |
| 234 | Unnamed Spring           | SP   | Y    | 35.3667 | 119.7213 | KRN | W. Kern Co.     | Wood and Davis, 1959       |         |
| 235 | Well 26S/40E-30K2 M      | WW   | Y    | 35.6433 | 117.7132 | KRN | Ridgecrest      | Leivas and others, 1981    |         |
| 236 | Placer Claim Springs     | SP   | Y    | 35.5777 | 118.5493 | KRN | Bodfish         | Leivas and others, 1981    |         |
| 237 | Crabtree Hot Springs     | SP   | N    | 39.2908 | 122.8217 | LAK | Bartlet Springs | Berkstresser, 1968a        |         |
| 238 | Unnamed Spring           | SP   | Y    | 39.2000 | 122.7250 | LAK | Bartlet Springs | Waring, 1965               |         |
| 239 | Newman Springs           | SP   | Y    | 39.1980 | 122.7143 | LAK | Bartlet Springs | Waring, 1965               |         |
| 240 | Newman Spring            | SP   | N    | 39.1980 | 122.7143 | LAK | Clear Lake      | Goff and others, 1993      | 12      |
| 241 | Complexion Spring        | SP   | N    | 39.1703 | 122.5125 | LAK | Clear Lake      | Goff and others, 1993      | 12      |
| 242 | Chalk Mt. Spring         | SP   | N    | 39.0722 | 122.5833 | LAK | Clear Lake      | Goff and others, 1993      | 12      |
| 243 | Unnamed Spring           | SP   | Y    | 39.0550 | 122.5933 | LAK | Clear Lake      | Majmudar, 1984             |         |
| 244 | Hog Hollow Spring        | SP   | Y    | 39.0233 | 122.5917 | LAK | Clear Lake      | Goff and others, 1993      | 12      |
| 245 | Grizzly Spring           | SP   | N    | 39.0017 | 122.4983 | LAK | Clear Lake      | Goff and others, 1993      | 12      |
| 246 | Sulphur Bank Wells       | X    | Y    | 39.0038 | 122.6613 | LAK | Clear Lake      | Berkstresser, 1968a        |         |
| 247 | Sulphur Bank Hot Springs | SP   | Y    | 39.0033 | 122.6633 | LAK | Clear Lake      | Bliss, 1983                |         |
| 248 | Unnamed Springs          | SP   | Y    | 38.9858 | 122.7358 | LAK | Clear Lake      | Majmudar, 1984             |         |
| 249 | Kettenhofen 1 Well       | X    | Y    | 38.9492 | 122.7517 | LAK | Clear Lake      | CA. Div. Oil and Gas, 1979 |         |
| 250 | Big Soda Spring          | SP   | Y    | 39.0080 | 122.7872 | LAK | Clear Lake      | Goff and others, 1977      |         |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA        | REFERENCE                   | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|-------------|-----------------------------|---------|
| 251 | Lake Co., "Ag Park" 1     | CLT  | Y    | 38.9357 | 122.7588 | LAK | Kelseyville | CA. Div. Oil and Gas, 1993  |         |
| 252 | Lake Co., "Ag Park" 2     | CLT  | N    | 38.9339 | 122.7603 | LAK | Kelseyville | CA. Div. Oil and Gas, 1993  |         |
| 253 | Lake Co., "Ag Park" 3     | CLT  | N    | 38.9320 | 122.7597 | LAK | Kelseyville | CA. Div. Oil and Gas, 1993  |         |
| 254 | Unnamed Well              | W    | Y    | 38.9783 | 122.8333 | LAK | Clear Lake  | Waring, 1915                |         |
| 255 | Highland Springs          | SP   | Y    | 38.9377 | 122.9078 | LAK | Clear Lake  | Waring, 1915                |         |
| 256 | England Springs           | SP   | Y    | 38.8967 | 122.8817 | LAK | Clear Lake  | Waring, 1915                |         |
| 257 | Agricultural Park #3 Well | CLT  | Y    | 38.9250 | 122.7567 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 258 | Carlsbad Spring           | SP   | Y    | 38.9180 | 122.7978 | LAK | Clear Lake  | Goff and others, 1977       |         |
| 259 | Sullivan 1 Well           | X    | Y    | 38.8853 | 122.7917 | LAK | Clear Lake  | CA. Div. Oil and Gas, 1979  |         |
| 260 | Gordon Hot Spring         | SP   | N    | 38.8350 | 122.7308 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 261 | Seigler Hot Springs       | SP   | Y    | 38.8760 | 122.6880 | LAK | Clear Lake  | Barnes and others, 19973    |         |
| 262 | Howard Hot Springs        | SP   | N    | 38.8583 | 122.6733 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 263 | Ettawa Springs            | SP   | Y    | 38.8500 | 122.6900 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 264 | Pine Cone Spring          | SP   | N    | 38.8500 | 122.6900 | LAK | Clear Lake  | Goff and Janik, 1993        | 230-231 |
| 265 | Sulfur Creek Spring       | SP   | Y    | 38.8617 | 122.7567 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 266 | Spiers Spring             | SP   | N    | 38.8375 | 122.6517 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 267 | Anderson Springs          | SP   | N    | 38.7750 | 122.7333 | LAK | The Geysers | Goff and others, 1993       | 12      |
| 268 | Harbin Springs            | SP   | Y    | 38.7887 | 122.6563 | LAK | Middletown  | Goff and others, 1977       |         |
| 269 | Castle Rock Springs       | SP   | Y    | 38.7708 | 122.7162 | LAK | Middletown  | Waring, 1915                |         |
| 270 | Baker Soda Spring         | SP   | N    | 38.8920 | 122.5320 | LAK | Clear Lake  | Goff and others, 1993       | 12      |
| 271 | Bare Ranch Spring         | SP   | Y    | 41.1667 | 120.0333 | LAS | Eagleville  | CA. Dept. Water Res., 1961b |         |
| 272 | Warm Spring               | SP   | Y    | 41.1625 | 120.4038 | LAS | Likely      | Majmudar, 1984              |         |
| 273 | Kellog Hot Spring         | SP   | N    | 41.1275 | 121.0250 | LAS | Bieber      | Reed, 1975                  |         |
| 274 | Bassett Hot Springs       | SP   | N    | 41.1450 | 121.1108 | LAS | Bieber      | Leivas and others, 1981     |         |
| 275 | Unnamed Springs           | SP   | Y    | 41.0133 | 121.2725 | LAS | Pittville   | Majmudar, 1984              |         |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE                  | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|--------------------|----------------------------|---------|
| 276 | Roosevelt Pool Well       | X    | Y    | 40.4092 | 120.6622 | LAS | Susanville         | Reed, 1975                 |         |
| 277 | Church of L.D.S. Well     | WM   | Y    | 40.4063 | 120.6600 | LAS | Susanville         | Reed, 1975                 |         |
| 278 | Wirth Well No. 1          | WM   | Y    | 40.4072 | 120.6540 | LAS | Susanville         | U.S. Bureau Rec., 1976     |         |
| 279 | N. State Growers Well     | WM   | Y    | 40.4047 | 120.6563 | LAS | Susanville         | U.S. Bureau Rec., 1976     |         |
| 280 | N. No. 1 Well             | WM   | Y    | 40.4087 | 120.6587 | LAS | Susanville         | U.S. Bureau Rec., 1976     |         |
| 281 | Lassen Lumber & Box 2 (W) | X    | Y    | 40.4013 | 120.6475 | LAS | Susanville         | U.S. Bureau Rec., 1976     |         |
| 282 | Eagle Lake Lumber Well    | WM   | Y    | 40.4033 | 120.6317 | LAS | Susanville         | U.S. Bureau Rec., 1976     |         |
| 283 | Unnamed Well              | WM   | Y    | 40.4133 | 120.6583 | LAS | Susanville         | Majumdar, 1984             |         |
| 284 | "Davis" 2                 | NLT  | N    | 40.4110 | 120.6606 | LAS | Susanville         | CA. Div. Oil and Gas, 1993 |         |
| 285 | "Susan" 1                 | CLT  | N    | 40.4125 | 120.6651 | LAS | Susanville         | CA. Div. Oil and Gas, 1993 |         |
| 286 | Tsuji Nursery "TNI" 2 (W) | CLT  | N    | 40.4070 | 120.6579 | LAS | Susanville         | CA. Div. Oil and Gas, 1993 |         |
| 287 | "Johnston" 1              | CLT  | Y    | 40.4030 | 120.4863 | LAS | Litchfield         | CA. Div. Oil and Gas, 1993 |         |
| 288 | "Johnston" 2              | CLT  | Y    | 40.4027 | 120.4896 | LAS | Litchfield         | CA. Div. Oil and Gas, 1993 |         |
| 289 | Well 30N/13E-31R1 M       | WM   | Y    | 40.4083 | 120.5500 | LAS | Litchfield         | CA. Div. Oil and Gas, 1993 |         |
| 290 | Sellicks Springs          | SP   | Y    | 40.5667 | 120.3250 | LAS | E. Lassen Co.      | U.S. Bureau Rec., 1976     |         |
| 291 | Tipton Springs            | SP   | Y    | 40.5800 | 120.2650 | LAS | E. Lassen Co.      | Waring, 1915               |         |
| 292 | Well 29N/15E-16G1 M       | WM   | Y    | 40.3733 | 120.2933 | LAS | Wendel-Amedee KGRA | U.S. Bureau Rec., 1976     |         |
| 293 | Wendel Hot Springs        | SP   | Y    | 40.3558 | 120.2555 | LAS | Wendel-Amedee KGRA | Reed, 1975                 |         |
| 294 | Magma Power Co. Wendel 1  | X    | Y    | 40.3583 | 120.2542 | LAS | Wendel-Amedee KGRA | McNitt, 1963               |         |
| 295 | Southern Pacific RR Well  | WM   | Y    | 40.3420 | 120.2208 | LAS | Wendel-Amedee KGRA | Reed, 1975                 |         |
| 296 | Magma Power Amedee 1,2    | X    | Y    | 40.3000 | 120.1947 | LAS | Wendel-Amedee KGRA | Bliss, 1983                |         |
| 297 | Amedee Hot Springs        | SP   | Y    | 40.3042 | 120.1958 | LAS | Wendel-Amedee KGRA | Reed, 1975                 |         |
| 298 | Well 28N/17E-20J1 M       | WM   | Y    | 40.2650 | 120.0750 | LAS | Wendel             | U.S. Bureau Rec., 1976     |         |
| 299 | High Rock Spring          | SP   | Y    | 40.2467 | 120.0068 | LAS | Wendel             | Waring, 1915               |         |
| 300 | Unnamed Spring            | SP   | Y    | 39.9800 | 120.0638 | LAS | Doyle              | Hannah, 1975               |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | REFERENCE                   | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|-------------------|-----------------------------|---------|
| 301 | Zamboni Hot Springs      | SP   | Y    | 39.9195 | 120.0233 | LAX | Doyle             | Leivas and Bacon, 1982      |         |
| 302 | Warm Springs             | SP   | Y    | 34.6072 | 118.5622 | LAX | Castaic lake      | Berkstresser, 1968b         |         |
| 303 | Well 6W/12W-13N1 S       | WW   | Y    | 34.6025 | 118.1083 | LAX | Lancaster         | CA. Dept. Water Res., 1976  |         |
| 304 | Well 4W/16W-101 S        | WW   | Y    | 34.4542 | 118.5125 | LAX | Santa Clarita     | CA. Dept. Water Res., 1972c |         |
| 305 | Seminole Hot Sps. Well   | SW   | Y    | 34.1075 | 118.7908 | LAX | Seminole Hot Sps. | Berkstresser, 1968b         |         |
| 306 | Well 1N/16W-14K1 S       | WW   | Y    | 34.1667 | 118.5250 | LAX | Encino            | CA. Dept. Water Res., 1966a |         |
| 307 | El Encino Springs        | SP   | Y    | 34.1592 | 118.4988 | LAX | Encino            | Berkstresser, 1968b         |         |
| 308 | Bimini Hot Sps. Well     | SW   | Y    | 34.0692 | 118.2907 | LAX | Los Angeles       | Moyle, 1974                 |         |
| 309 | Well 2S/14W-14C2 S       | WW   | Y    | 34.0183 | 118.3167 | LAX | Los Angeles       | CA. Dept. Water Res., 1966a |         |
| 310 | Well 1S/9W-1F1 S         | WW   | Y    | 34.1150 | 117.7800 | LAX | La Verne          | CA. Dept. Water Res., 1974b |         |
| 311 | Well 2S/11W-8N1 S        | WW   | Y    | 34.0050 | 118.0617 | LAX | Whittier          | CA. Dept. Water Res., 1966a |         |
| 312 | Alvarado Hot Sps. Well   | SW   | Y    | 33.9758 | 117.8863 | LAX | Hacienda Heights  | Berkstresser, 1968b         |         |
| 313 | Well 3S/11W-14H4 S       | WW   | Y    | 33.9125 | 117.9958 | LAX | East Whittier     | CA. Dept. Water Res., 1977  |         |
| 314 | Well 4S/13W-27N1 S       | WW   | Y    | 33.7917 | 118.2350 | LAX | Long Beach        | CA. Dept. Water Res., 1966a |         |
| 315 | Well 5S/13W-6D1 S        | WW   | Y    | 33.7750 | 118.2833 | LAX | Long Beach        | CA. Dept. Water Res., 1967c |         |
| 316 | Unnamed Spring           | SP   | Y    | 33.8017 | 118.4000 | LAX | Palos Verdes      | Majmudar, 1984              |         |
| 317 | Whites Point Hot Sps.    | SP   | Y    | 33.7150 | 118.3183 | LAX | San Pedro         | Moyle, 1974                 |         |
| 318 | Reds Meadow Hot Sps.     | SP   | Y    | 37.6183 | 119.0733 | MAD | Long Valley       | Mariner and others, 1977    |         |
| 319 | Rocky Point Springs      | SP   | Y    | 37.8858 | 122.6287 | MAR | Stinson Beach     | Berkstresser, 1968a         |         |
| 320 | Jackson Valley Mud Sps.  | SP   | Y    | 39.6578 | 123.5870 | MEN | Laytonville       | Berkstresser, 1968a         |         |
| 321 | Pinches Spring           | SP   | Y    | 39.6962 | 123.4825 | MEN | Laytonville       | Berkstresser, 1968a         |         |
| 322 | Muir Springs             | SP   | Y    | 39.4288 | 123.3075 | MEN | Willits           | Berkstresser, 1968a         |         |
| 323 | Orrs Hot Springs         | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | Berkstresser, 1968a         |         |
| 324 | Orr Hot Sps."Trilby Sp." | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | Div. Mines & Geology, 1993  |         |
| 325 | Orr Hot Sps."Pool Sp."   | SP   | N    | 39.2298 | 123.3649 | MEN | Ukiah             | Div. Mines & Geology, 1993  |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                           |      |      |         |          |     |                 |                             |         |  |
|---------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|--|
| ID#                                                           | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |  |
| 326                                                           | Orr Hot Sps. Well         | SW   | Y    | 39.2298 | 123.3649 | MEN | Ukiah           | Div. Mines & Geology, 1993  |         |  |
| 327                                                           | Vichy Springs             | SP   | Y    | 39.1655 | 123.1562 | MEN | Ukiah           | Vichy Springs, 1990         |         |  |
| 328                                                           | Cal-Dri Ice Co. Well      | WW   | Y    | 39.0050 | 123.1083 | MEN | Hopland         | Cardwell, 1965              |         |  |
| 329                                                           | Point Arena Hot Sps.      | SP   | Y    | 38.8772 | 123.5092 | MEN | Pt. Arena       | Berkstresser, 1968a         |         |  |
| 330                                                           | San Luis Forebay Sp.      | SP   | Y    | 37.0833 | 121.0417 | MER | San Luis Res.   | Bliss, 1983                 |         |  |
| 331                                                           | Iridat Spring             | SP   | Y    | 36.7737 | 120.8990 | MER | Mercy Hot Sps.  | Berkstresser, 1968b         |         |  |
| 332                                                           | Unnamed Spring            | SP   | Y    | 36.7670 | 120.8995 | MER | Mercy Hot Sps.  | Berkstresser, 1968b         |         |  |
| 333                                                           | Warm Spring               | SP   | Y    | 41.9587 | 120.9428 | MOD | N. Modoc Co.    | Majmundar, 1984             |         |  |
| 334                                                           | Pothole Spring            | SP   | Y    | 41.8252 | 120.9153 | MOD | N. Modoc Co.    | Waring, 1965                |         |  |
| 335                                                           | Weidner Well              | WW   | Y    | 41.9478 | 120.3175 | MOD | Goose Lake Val. | Leivas and others, 1981     |         |  |
| 336                                                           | Fort Bidwell Hot Sp. Well | X    | N    | 41.8617 | 120.1592 | MOD | Fort Bidwell    | Reed, 1975                  |         |  |
| 337                                                           | Fort Bidwell Geo. Well    | NLT  | Y    | 41.8617 | 120.1578 | MOD | Fort Bidwell    | Leinas and Bacon, 1982      |         |  |
| 338                                                           | Well 46N/16E-31R1 M       | WW   | Y    | 41.8078 | 120.1708 | MOD | Fort Bidwell    | CA. Dept. Water Res., 1961b |         |  |
| 339                                                           | Well 45N/16E-17M1 M       | WW   | Y    | 41.7667 | 120.1812 | MOD | Fort Bidwell    | CA. Dept. Water Res., 1961b |         |  |
| 340                                                           | Well 44N/16E-6E2 M        | WW   | Y    | 41.7142 | 120.1975 | MOD | Lake City       | CA. Dept. Water Res., 1961b |         |  |
| 341                                                           | Magma Energy Wells        | X    | Y    | 41.6718 | 120.2167 | MOD | Lake City       | Duffield and Fournier, 1974 |         |  |
| 342                                                           | Lake City Mud Volcano Sp. | SP   | Y    | 41.6680 | 120.2092 | MOD | Lake City       | Reed, 1975                  |         |  |
| 343                                                           | Hutchen's Well            | WW   | Y    | 41.5833 | 120.1700 | MOD | Cederville      | Hannah, 1975                |         |  |
| 344                                                           | Unnamed Well              | WW   | Y    | 41.5817 | 120.1792 | MOD | Cederville      | Hannah, 1975                |         |  |
| 345                                                           | Robison Well              | WW   | Y    | 41.5658 | 120.1917 | MOD | Cederville      | Hannah, 1975                |         |  |
| 346                                                           | Leonards Hot Sps. (West)  | SP   | Y    | 41.5987 | 120.0913 | MOD | Cederville      | Duffield and Fournier, 1974 |         |  |
| 347                                                           | Seyferth Hot Springs      | SP   | Y    | 41.6158 | 120.1033 | MOD | Cederville      | Reed, 1975                  |         |  |
| 348                                                           | Leonards Hot Sps. (East)  | SP   | Y    | 41.6015 | 120.0850 | MOD | Cederville      | Reed, 1975                  |         |  |
| 349                                                           | Surprise Val. Mnr. Well   | WW   | Y    | 41.5333 | 120.0773 | MOD | Cederville      | Leivas and Bacon, 1982      |         |  |
| 350                                                           | Unnamed Spring            | SP   | Y    | 41.5297 | 120.0870 | MOD | Cederville      | Duffield and Fournier, 1974 |         |  |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|----------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 351 | Bennac Hot Springs         | SP   | Y    | 41.5305 | 120.0822 | MOD | Cederville      | Duffield and Fournier, 1974 |         |
| 352 | Mento Baths Hot Springs    | SP   | Y    | 41.2658 | 120.0820 | MOD | Eagleville      | Leivas and Bacon, 1982      |         |
| 353 | Unnamed Spring             | SP   | Y    | 41.2083 | 120.0542 | MOD | Eagleville      | CA. Dept. Water Res., 1961b |         |
| 354 | Unnamed Spring             | SP   | Y    | 41.2217 | 120.0667 | MOD | Eagleville      | Duffield and Fournier, 1974 |         |
| 355 | Unnamed Spring             | SP   | Y    | 41.1917 | 120.3833 | MOD | Likely          | Reed, 1975                  |         |
| 356 | Unnamed Spring             | SP   | Y    | 41.1967 | 120.4708 | MOD | Likely          | Majmudar, 1984              |         |
| 357 | Unnamed Spring             | SP   | Y    | 41.2532 | 120.5208 | MOD | Likely          | Majmudar, 1984              |         |
| 358 | New Williams R. Well       | WW   | Y    | 41.2683 | 120.5250 | MOD | Likely          | Hannah, 1975                |         |
| 359 | Van Loan Well              | WW   | Y    | 41.2617 | 120.5303 | MOD | Likely          | Leivas and others, 1981     |         |
| 360 | Unnamed Spring             | SP   | Y    | 41.3600 | 120.7233 | MOD | Alturas         | Waring, 1915                |         |
| 361 | Unnamed Spring             | SP   | Y    | 41.4667 | 120.5250 | MOD | Alturas         | Waring, 1915                |         |
| 362 | CA. Pines Lodge            | NLT  | Y    | 41.4090 | 120.6856 | MOD | Alturas         | CA. Div. Oil and Gas, 1993  |         |
| 363 | Modoc Sch. Dist., "AL" 1   | CLT  | Y    | 41.4917 | 120.5405 | MOD | Alturas         | CA. Div. Oil and Gas, 1993  |         |
| 364 | Alturas Elem. Sch., "AL" 2 | CLT  | Y    | 41.4901 | 120.5553 | MOD | Alturas         | CA. Div. Oil and Gas, 1993  |         |
| 365 | Unnamed Spring             | SP   | Y    | 41.5417 | 120.5667 | MOD | Alturas         | Waring, 1915                |         |
| 366 | Essex Springs              | SP   | Y    | 41.4928 | 120.6992 | MOD | Alturas         | Hannah, 1975                |         |
| 367 | SX Ranch Spring            | SP   | Y    | 41.4850 | 120.7635 | MOD | Canby           | Leivas and Bacon, 1982      |         |
| 368 | SX Ranch Well              | WW   | Y    | 41.5117 | 120.7775 | MOD | Canby           | Leivas and Bacon, 1982      |         |
| 369 | Kelly Hot Spring           | SP   | Y    | 41.4540 | 120.8347 | MOD | Canby           | Reed, 1975                  |         |
| 370 | Kelly Hot Sp. Ranch Well   | WW   | Y    | 41.4517 | 120.8350 | MOD | Canby           | Majmudar, 1984              |         |
| 371 | "Canby School" 1           | TG   | Y    | 41.4566 | 120.8531 | MOD | Canby           | CA. Div. Oil and Gas, 1993  |         |
| 372 | Little Hot Spring          | SP   | Y    | 41.2305 | 121.4033 | MOD | Day             | Leivas and others, 1981     |         |
| 373 | Weidner Well               | WW   | Y    | 41.9478 | 120.3175 | MOD | Goose Lake Val. | Leivas and others, 1981     |         |
| 374 | Unnamed Spring             | SP   | Y    | 38.6267 | 119.5042 | MOD | Antelope Valley | CA. Dept. Water Res., 1964  |         |
| 375 | Sierra E. Mobile Pk. Well  | WW   | Y    | 38.5250 | 119.4750 | MOD | Antelope Valley | Leivas and others, 1981     |         |

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|-----|---------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 376 | Unnamed Well              | WW   | Y    | 38.5333 | 119.4667 | MON | Antelope Valley | Majmudar, 1984              |         |
| 377 | Fales Hot Springs         | SP   | Y    | 38.3505 | 119.4003 | MON | Fales Hot Sps.  | Leivas and others, 1981     |         |
| 378 | Magma Power Co. Well      | X    | Y    | 38.3500 | 119.4000 | MON | Fales Hot Sps.  | Majmudar, 1984              |         |
| 379 | Buckeye Hot Springs       | SP   | Y    | 38.2392 | 119.3250 | MON | Bridgeport      | Mariner and others, 1977    |         |
| 380 | Travertine Hot Spring     | SP   | Y    | 38.2463 | 119.2042 | MON | Bridgeport      | Mariner and others, 1977    |         |
| 381 | The Hot Springs           | SP   | Y    | 38.2242 | 119.2145 | MON | Bridgeport      | Mariner and others, 1977    |         |
| 382 | Magma Power Co. Well      | X    | Y    | 38.2250 | 119.2125 | MON | Bridgeport      | McNitt, 1963                |         |
| 383 | Warm Spring               | SP   | Y    | 38.2022 | 119.1207 | MON | Bridgeport      | Majmudar, 1984              |         |
| 384 | Dechambeau Well           | SW   | Y    | 38.0500 | 119.0817 | MON | Mono Lake       | Leivas and Bacon, 1982      |         |
| 385 | Unnamed Spring            | SP   | Y    | 38.0542 | 119.0633 | MON | Mono Lake       | Lee, 1969                   |         |
| 386 | State PRC 4572.1 Well     | X    | Y    | 38.0245 | 119.0832 | MON | Mono Lake       | Cosner and Apps, 1978       |         |
| 387 | Warm Springs              | SP   | Y    | 38.0330 | 118.9043 | MON | Mono Lake       | Lee, 1969                   |         |
| 388 | Unnamed Springs           | SP   | Y    | 37.9958 | 119.0233 | MON | Mono Lake       | Mariner and others, 1977    |         |
| 389 | State PRC 4397.1 Well     | X    | Y    | 37.9393 | 119.0302 | MON | Mono Lake       | Cosner and Apps, 1978       |         |
| 390 | Unnamed Spring            | SP   | Y    | 37.9400 | 119.0192 | MON | Mono Lake       | Lee, 1969                   |         |
| 391 | Unnamed Spring (Tunnel)   | SP   | Y    | 37.8358 | 119.0158 | MON | Mono Lake       | Gresswell, 1940             |         |
| 392 | Unnamed Fumaroles         | SP   | Y    | 37.6192 | 119.0278 | MON | Mammoth Lakes   | Majmudar, 1984              |         |
| 393 | Casa Diablo Hot Springs   | SP   | Y    | 37.6458 | 118.9150 | MON | Mammoth Lakes   | Sorey and Lewis, 1976       |         |
| 394 | Magma Power Co. Wells     | X    | Y    | 37.6458 | 118.9167 | MON | Mammoth Lakes   | CA. Dept. Water Res., 1967a |         |
| 395 | Mammoth Lakes, "MLGRAP" 1 | CLT  | N    | 37.6511 | 118.9796 | MON | Mammoth Lakes   | CA. Div. Oil and Gas, 1993  |         |
| 396 | Mammoth Lakes, "MLGRAP" 2 | CLT  | N    | 37.6406 | 118.9642 | MON | Mammoth Lakes   | CA. Div. Oil and Gas, 1993  |         |
| 397 | Mammoth Lakes, "Ohwell" 1 | CLT  | Y    | 37.6359 | 118.9888 | MON | Mammoth Lakes   | CA. Div. Oil and Gas, 1993  |         |
| 398 | Hot Bubbling Pool         | SP   | Y    | 37.6470 | 118.8600 | MON | Mammoth Lakes   | Leivas and Bacon, 1982      |         |
| 399 | Little Hot Creek Sps.     | SP   | Y    | 37.6900 | 118.8400 | MON | Long Valley     | CA. Dept. Water Res., 1967a |         |
| 400 | Hot Creek Springs         | SP   | Y    | 37.6645 | 118.8275 | MON | Long Valley     | CA. Dept. Water Res., 1967a |         |

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| ID# | SOURCE NAME             | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|-------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 401 | Unnamed Spring          | SP   | Y    | 37.7080 | 118.8133 | MON | Long Valley     | Rinehart and others, 1964   |         |
| 402 | Big Alkali Lake Sp.     | SP   | Y    | 37.6700 | 118.7815 | MON | Long Valley     | Leivas and Bacon, 1982      |         |
| 403 | Whitmore Hot Springs    | SP   | Y    | 37.6308 | 118.8117 | MON | Long Valley     | CA. Dept. Water Res., 1973a |         |
| 404 | Unnamed Spring          | SP   | Y    | 37.6433 | 118.7575 | MON | Long Valley     | Mariner and Willey, 1976    |         |
| 405 | Unnamed Spring          | SP   | Y    | 37.6367 | 118.7242 | MON | Long Valley     | CA. Dept. Water Res., 1967a |         |
| 406 | Unnamed Springs         | SP   | Y    | 37.7192 | 118.7375 | MON | Long Valley     | Majmudar, 1984              |         |
| 407 | Benton Hot Springs      | SP   | Y    | 37.8008 | 118.5300 | MON | Benton Hot Sps. | Mariner and others, 1977    |         |
| 408 | Benton Indian Well      | WW   | Y    | 37.7963 | 118.5233 | MON | Benton Hot Sps. | Leivas and Bacon, 1982      |         |
| 409 | Bertrand Ranch Springs  | SP   | Y    | 35.8917 | 118.4917 | MON | Benton          | Varing, 1915                |         |
| 410 | Unnamed Spring          | SP   | Y    | 36.6183 | 121.8445 | MNT | Monterey        | Majmudar, 1984              |         |
| 411 | Unnamed Spring          | SP   | Y    | 36.3312 | 121.8428 | MNT | Big Sur         | Varing, 1965                |         |
| 412 | Unnamed Spring          | SP   | Y    | 36.2500 | 121.6833 | MNT | Big Sur         | Berkstresser, 1968b         |         |
| 413 | Slates Hot Springs      | SP   | Y    | 36.1230 | 121.6353 | MNT | Big Sur         | Berkstresser, 1968b         |         |
| 414 | Dolans Hot Springs      | SP   | Y    | 36.0837 | 121.5863 | MNT | Big Sur         | Berkstresser, 1968b         |         |
| 415 | Tassajara Hot Springs   | SP   | Y    | 36.2337 | 121.5492 | MNT | Big Sur         | Leivas and Bacon, 1982      |         |
| 416 | Paraiso Springs         | SP   | Y    | 36.3313 | 121.3675 | MNT | Soledad         | Leivas and Bacon, 1982      |         |
| 417 | sulfur Spring           | SP   | Y    | 36.3313 | 121.3662 | MNT | Soledad         | Berkstresser, 1968b         |         |
| 418 | Table Mountain (Spring) | SP   | Y    | 35.9083 | 120.3667 | MNT | Parkfield       | Bliss, 1983                 |         |
| 419 | Unnamed Spring          | SP   | Y    | 38.8333 | 122.3567 | NAP | Knoxville       | Berkstresser, 1968a         |         |
| 420 | Aetna Springs           | SP   | Y    | 38.6522 | 122.4833 | NAP | Aetna Springs   | Berkstresser, 1968a         |         |
| 421 | Calistoga Pwr. Co. Well | X    | Y    | 38.5955 | 122.6003 | NAP | Calistoga       | Majmudar, 1984              |         |
| 422 | Calistoga Hot Springs   | SW   | Y    | 38.5822 | 122.5728 | NAP | Calistoga       | Varing, 1915                |         |
| 423 | Well 8N/6W-4F1 M        | WW   | Y    | 38.5738 | 122.5322 | NAP | Calistoga       | Majmudar, 1984              |         |
| 424 | Phillips Soda Springs   | SP   | Y    | 38.5217 | 122.2608 | NAP | Lake Berryessa  | Varing, 1965                |         |
| 425 | Napa Rock Soda Sps.     | SP   | Y    | 38.5187 | 122.2597 | NAP | Lake Berryessa  | Berkstresser, 1968a         |         |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA        | REFERENCE                  | Page(s) |
|-----|----------------------------|------|------|---------|----------|-----|-------------|----------------------------|---------|
| 426 | Well 8N/6W-25H2 M          | WW   | Y    | 38.5175 | 122.4700 | NAP | Napa Valley | Majmudar, 1984             |         |
| 427 | White Sulfur Springs       | SP   | Y    | 38.4905 | 122.4967 | NAP | Napa Valley | Berkstresser, 1968a        |         |
| 428 | Well 7N/5W-3M1 M           | WW   | Y    | 38.4850 | 122.4067 | NAP | Napa Valley | Majmudar, 1984             |         |
| 429 | Well 7N/5W-15A1 M          | WW   | Y    | 38.4633 | 122.3942 | NAP | Napa Valley | Majmudar, 1984             |         |
| 430 | Well 7N/5W-14G1 M          | WW   | Y    | 38.4592 | 122.3808 | NAP | Napa Valley | Majmudar, 1984             |         |
| 431 | Well 7N/5W-26D1 M          | WW   | Y    | 38.4342 | 122.3908 | NAP | Napa Valley | Majmudar, 1984             |         |
| 432 | Well 7N/5W-26E1 M          | WW   | Y    | 38.4308 | 122.3892 | NAP | Napa Valley | Majmudar, 1984             |         |
| 433 | Napa Vichy Springs         | SP   | Y    | 38.3388 | 122.2592 | NAP | Napa Valley | Berkstresser, 1968a        |         |
| 434 | Well 6N/4W-23J1 M          | WW   | Y    | 38.3500 | 122.2650 | NAP | Napa Valley | Majmudar, 1984             |         |
| 435 | Unnamed Spring             | SP   | Y    | 38.3208 | 122.2708 | NAP | Napa Valley | Majmudar, 1984             |         |
| 436 | Well 6N/4W-24M1 M          | WW   | Y    | 38.3508 | 122.2600 | NAP | Napa Valley | Majmudar, 1984             |         |
| 437 | Wine Val. Inn, "Wilson" 1  | CLT  | N    | 38.5778 | 122.5774 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 438 | Calis. Sch. Dist., "CHS" 1 | CLT  | N    | 38.5835 | 122.5792 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 439 | "Roman Spa" 1              | CLT  | N    | 38.5779 | 122.5775 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 440 | City Calistoga, "Calis" 1  | INJ  | N    | 38.5782 | 122.5794 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 441 | "Village Inn" 1            | CLT  | N    | 38.5779 | 122.5778 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 442 | Calis. Sch. Dist., "CHS" 2 | CLT  | N    | 38.5827 | 122.5787 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 443 | Napa V.S.M.W.Co., "Fox" 3  | CLT  | N    | 38.5818 | 122.5777 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 444 | "CHS" 1                    | CLT  | N    | 38.5776 | 122.5731 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 445 | Calistoga M.W.Co., "CMW" 3 | CLT  | N    | 38.5855 | 122.5743 | NAP | Calistoga   | CA. Div. Oil and Gas, 1993 |         |
| 446 | Golden Haven Spa           | WW   | N    | 38.5858 | 122.5797 | NAP | Calistoga   | Youngs and others, 1980    |         |
| 447 | Golden Haven Spa           | WW   | N    | 38.5855 | 122.5792 | NAP | Calistoga   | Youngs and others, 1980    |         |
| 448 | Unnamed Well               | WW   | N    | 38.6005 | 122.6073 | NAP | Calistoga   | Youngs and others, 1980    |         |
| 449 | Unnamed Well               | WW   | N    | 38.5970 | 122.6007 | NAP | Calistoga   | Youngs and others, 1980    |         |
| 450 | Unnamed Well               | WW   | N    | 38.5962 | 122.6022 | NAP | Calistoga   | Youngs and others, 1980    |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME          | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | REFERENCE               | Page(s) |
|-----|----------------------|------|------|---------|----------|-----|-----------|-------------------------|---------|
| 451 | "Godward" 1          | EST  | N    | 38.5938 | 122.6015 | NAP | Calistoga | Youngs and others, 1980 |         |
| 452 | Unnamed Well         | WW   | N    | 38.5945 | 122.6022 | NAP | Calistoga | Youngs and others, 1980 |         |
| 453 | Unnamed Well         | WW   | N    | 38.5913 | 122.6053 | NAP | Calistoga | Youngs and others, 1980 |         |
| 454 | Unnamed Well         | WW   | N    | 38.5893 | 122.6032 | NAP | Calistoga | Youngs and others, 1980 |         |
| 455 | Unnamed Well         | WW   | N    | 38.6012 | 122.5978 | NAP | Calistoga | Youngs and others, 1980 |         |
| 456 | Unnamed Well         | WW   | N    | 38.5965 | 122.5992 | NAP | Calistoga | Youngs and others, 1980 |         |
| 457 | Unnamed Well         | WW   | N    | 38.5962 | 122.5990 | NAP | Calistoga | Youngs and others, 1980 |         |
| 458 | Unnamed Well         | WW   | N    | 38.5960 | 122.5990 | NAP | Calistoga | Youngs and others, 1980 |         |
| 459 | Unnamed Well         | WW   | N    | 38.5948 | 122.5967 | NAP | Calistoga | Youngs and others, 1980 |         |
| 460 | Unnamed Well         | WW   | N    | 38.5922 | 122.5948 | NAP | Calistoga | Youngs and others, 1980 |         |
| 461 | Unnamed Well         | WW   | N    | 38.5937 | 122.5945 | NAP | Calistoga | Youngs and others, 1980 |         |
| 462 | Unnamed Well         | WW   | N    | 38.5917 | 122.5942 | NAP | Calistoga | Youngs and others, 1980 |         |
| 463 | Unnamed Well         | WW   | N    | 38.5930 | 122.5945 | NAP | Calistoga | Youngs and others, 1980 |         |
| 464 | Well 9N/7W-26 H      | WW   | N    | 38.5937 | 122.5950 | NAP | Calistoga | Youngs and others, 1980 |         |
| 465 | Unnamed Well         | WW   | N    | 38.5980 | 122.5833 | NAP | Calistoga | Youngs and others, 1980 |         |
| 466 | "Calvert" 1          | WW   | N    | 38.5965 | 122.5895 | NAP | Calistoga | Youngs and others, 1980 |         |
| 467 | Unnamed Well         | WW   | N    | 38.5920 | 122.5935 | NAP | Calistoga | Youngs and others, 1980 |         |
| 468 | Unnamed Well         | WW   | N    | 38.5885 | 122.5958 | NAP | Calistoga | Youngs and others, 1980 |         |
| 469 | Unnamed Well         | WW   | N    | 38.5895 | 122.5972 | NAP | Calistoga | Youngs and others, 1980 |         |
| 470 | Napa Co. Fairgrounds | WW   | N    | 38.5843 | 122.5907 | NAP | Calistoga | Youngs and others, 1980 |         |
| 471 | Unnamed Well         | WW   | N    | 38.5875 | 122.5842 | NAP | Calistoga | Youngs and others, 1980 |         |
| 472 | "Turner" 1           | WW   | N    | 38.5893 | 122.5825 | NAP | Calistoga | Youngs and others, 1980 |         |
| 473 | "Turner" 2           | WW   | N    | 38.5892 | 122.5827 | NAP | Calistoga | Youngs and others, 1980 |         |
| 474 | Unnamed Well         | WW   | N    | 38.5900 | 122.5847 | NAP | Calistoga | Youngs and others, 1980 |         |
| 475 | Well 9N/7W-36 H      | WW   | N    | 38.5907 | 122.5857 | NAP | Calistoga | Youngs and others, 1980 |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | REFERENCE               | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|-----------|-------------------------|---------|
| 476 | Unnamed Well              | WW   | N    | 38.5908 | 122.5853 | NAP | Calistoga | Youngs and others, 1980 |         |
| 477 | Unnamed Well              | WW   | N    | 38.5928 | 122.5867 | NAP | Calistoga | Youngs and others, 1980 |         |
| 478 | Unnamed Well              | WW   | N    | 38.5927 | 122.5828 | NAP | Calistoga | Youngs and others, 1980 |         |
| 479 | Unnamed Well              | WW   | N    | 38.5758 | 122.5508 | NAP | Calistoga | Youngs and others, 1980 |         |
| 480 | Unnamed Well              | WW   | N    | 38.6008 | 122.5822 | NAP | Calistoga | Youngs and others, 1980 |         |
| 481 | Unnamed Well              | WW   | N    | 38.5975 | 122.5813 | NAP | Calistoga | Youngs and others, 1980 |         |
| 482 | Unnamed Well              | WW   | N    | 38.5825 | 122.5615 | NAP | Calistoga | Youngs and others, 1980 |         |
| 483 | Unnamed Well              | WW   | N    | 38.5747 | 122.5592 | NAP | Calistoga | Youngs and others, 1980 |         |
| 484 | Unnamed Well              | WW   | N    | 38.5860 | 122.5620 | NAP | Calistoga | Youngs and others, 1980 |         |
| 485 | Unnamed Well              | WW   | N    | 38.5847 | 122.5630 | NAP | Calistoga | Youngs and others, 1980 |         |
| 486 | Unnamed Well              | WW   | N    | 38.5913 | 122.5772 | NAP | Calistoga | Youngs and others, 1980 |         |
| 487 | Unnamed Well              | WW   | N    | 38.5932 | 122.5957 | NAP | Calistoga | Youngs and others, 1980 |         |
| 488 | Nance's Hot Sps. Well     | WW   | N    | 38.5815 | 122.5763 | NAP | Calistoga | Youngs and others, 1980 |         |
| 489 | Calistoga Spa Cold Well 2 | WW   | N    | 38.5783 | 122.5760 | NAP | Calistoga | Youngs and others, 1980 |         |
| 490 | Calistoga Spa Hot Well 2  | WW   | N    | 38.5787 | 122.5752 | NAP | Calistoga | Youngs and others, 1980 |         |
| 491 | Calistoga Spa Main Well   | WW   | N    | 38.5783 | 122.5753 | NAP | Calistoga | Youngs and others, 1980 |         |
| 492 | Pacheteau Well            | WW   | Y    | 38.5822 | 122.5738 | NAP | Calistoga | Youngs and others, 1980 |         |
| 493 | Pacheteau's "Well 1"      | WW   | N    | 38.5823 | 122.5740 | NAP | Calistoga | Youngs and others, 1980 |         |
| 494 | Pacheteau's "Well 2"      | WW   | N    | 38.5825 | 122.5738 | NAP | Calistoga | Youngs and others, 1980 |         |
| 495 | Pacheteau's "Well 3"      | WW   | N    | 38.5823 | 122.5737 | NAP | Calistoga | Youngs and others, 1980 |         |
| 496 | Dr. Wilkinson's Hot Sps.  | WW   | N    | 38.5803 | 122.5768 | NAP | Calistoga | Youngs and others, 1980 |         |
| 497 | Unnamed Well              | WW   | N    | 38.5783 | 122.5742 | NAP | Calistoga | Youngs and others, 1980 |         |
| 498 | Unnamed Well              | WW   | N    | 38.5782 | 122.5753 | NAP | Calistoga | Youngs and others, 1980 |         |
| 499 | Unnamed Well              | WW   | N    | 38.5773 | 122.5728 | NAP | Calistoga | Youngs and others, 1980 |         |
| 500 | Unnamed Well              | WW   | N    | 38.5772 | 122.5735 | NAP | Calistoga | Youngs and others, 1980 |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA      | REFERENCE               | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|-----------|-------------------------|---------|
| 501 | Roman Spa "Well 1"        | WW   | N    | 38.5792 | 122.5787 | NAP | Calistoga | Youngs and others, 1980 |         |
| 502 | Roman Spa "Well 2"        | WW   | N    | 38.5792 | 122.5788 | NAP | Calistoga | Youngs and others, 1980 |         |
| 503 | Unnamed Well              | WW   | N    | 38.5823 | 122.5758 | NAP | Calistoga | Youngs and others, 1980 |         |
| 504 | Unnamed Well              | WW   | N    | 38.5810 | 122.5785 | NAP | Calistoga | Youngs and others, 1980 |         |
| 505 | Hideaway Hot Sps. Well 1  | WW   | N    | 38.5825 | 122.5785 | NAP | Calistoga | Youngs and others, 1980 |         |
| 506 | Hideaway Hot Sps. Well 2  | WW   | N    | 38.5822 | 122.5793 | NAP | Calistoga | Youngs and others, 1980 |         |
| 507 | Napa Val. Sps. Bottle Co. | WW   | N    | 38.5833 | 122.5757 | NAP | Calistoga | Youngs and others, 1980 |         |
| 508 | Unnamed Well              | WW   | N    | 38.5772 | 122.5742 | NAP | Calistoga | Youngs and others, 1980 |         |
| 509 | Unnamed Well              | WW   | N    | 38.5775 | 122.5738 | NAP | Calistoga | Youngs and others, 1980 |         |
| 510 | Mt. View Hotel            | WW   | N    | 38.5792 | 122.5780 | NAP | Calistoga | Youngs and others, 1980 |         |
| 511 | Unnamed Well              | WW   | N    | 38.5750 | 122.5778 | NAP | Calistoga | Youngs and others, 1980 |         |
| 512 | Unnamed Well              | WW   | N    | 38.5827 | 122.5872 | NAP | Calistoga | Youngs and others, 1980 |         |
| 513 | Unnamed Well              | WW   | N    | 38.5850 | 122.5558 | NAP | Calistoga | Youngs and others, 1980 |         |
| 514 | Unnamed Well              | WW   | N    | 38.5747 | 122.5513 | NAP | Calistoga | Youngs and others, 1980 |         |
| 515 | Unnamed Well              | WW   | N    | 38.5842 | 122.5548 | NAP | Calistoga | Youngs and others, 1980 |         |
| 516 | Unnamed Well              | WW   | N    | 38.5840 | 122.5552 | NAP | Calistoga | Youngs and others, 1980 |         |
| 517 | Unnamed Well              | WW   | N    | 38.5665 | 122.5647 | NAP | Calistoga | Youngs and others, 1980 |         |
| 518 | Unnamed Well              | WW   | N    | 38.5725 | 122.5692 | NAP | Calistoga | Youngs and others, 1980 |         |
| 519 | Unnamed Well              | WW   | N    | 38.5853 | 122.6010 | NAP | Calistoga | Youngs and others, 1980 |         |
| 520 | Unnamed Well              | WW   | N    | 38.5815 | 122.5962 | NAP | Calistoga | Youngs and others, 1980 |         |
| 521 | Unnamed Well              | WW   | N    | 38.5852 | 122.5998 | NAP | Calistoga | Youngs and others, 1980 |         |
| 522 | Unnamed Well              | WW   | N    | 38.5843 | 122.5545 | NAP | Calistoga | Youngs and others, 1980 |         |
| 523 | Unnamed Well              | WW   | N    | 38.5840 | 122.5543 | NAP | Calistoga | Youngs and others, 1980 |         |
| 524 | Unnamed Well              | WW   | N    | 38.5858 | 122.6040 | NAP | Calistoga | Youngs and others, 1980 |         |
| 525 | Unnamed Well              | WW   | N    | 38.5833 | 122.6067 | NAP | Calistoga | Youngs and others, 1980 |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                          |      |      |         |          |     |                  |                             |         |
|---------------------------------------------------------------|--------------------------|------|------|---------|----------|-----|------------------|-----------------------------|---------|
| ID#                                                           | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | REFERENCE                   | Page(s) |
| 526                                                           | Unnamed Well             | WW   | N    | 38.5567 | 122.5237 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 527                                                           | Unnamed Well             | WW   | N    | 38.5563 | 122.5222 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 528                                                           | Unnamed Well             | WW   | N    | 38.5707 | 122.5142 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 529                                                           | Unnamed Well             | WW   | N    | 38.5760 | 122.5167 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 530                                                           | Unnamed Well             | WW   | N    | 38.5763 | 122.5187 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 531                                                           | Unnamed Well             | WW   | N    | 38.5938 | 122.6065 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 532                                                           | Unnamed Well             | WW   | N    | 38.5917 | 122.6110 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 533                                                           | Unnamed Well             | WW   | N    | 38.5777 | 122.5257 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 534                                                           | Unnamed Well             | WW   | N    | 38.5882 | 122.5803 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 535                                                           | Unnamed Well             | WW   | N    | 38.5878 | 122.5795 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 536                                                           | Unnamed Well             | WW   | N    | 38.5988 | 122.6075 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 537                                                           | Unnamed Well             | WW   | N    | 38.5970 | 122.6158 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 538                                                           | Unnamed Well             | WW   | N    | 38.5948 | 122.6145 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 539                                                           | Unnamed Well             | WW   | N    | 38.5943 | 122.6147 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 540                                                           | Unnamed Well             | WW   | N    | 38.5937 | 122.6128 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 541                                                           | Unnamed Well             | WW   | N    | 38.5503 | 122.5375 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 542                                                           | Unnamed Well             | WW   | N    | 38.5620 | 122.5382 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 543                                                           | Unnamed Well             | WW   | N    | 38.5887 | 122.5968 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 544                                                           | Unnamed Well             | WW   | N    | 38.5925 | 122.5920 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 545                                                           | Unnamed Well             | WW   | N    | 38.5650 | 122.5355 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 546                                                           | Unnamed Well             | WW   | N    | 38.5760 | 122.5295 | NAP | Calistoga        | Youngs and others, 1980     |         |
| 547                                                           | La Vida Mnr. Sp. Well    | SW   | Y    | 33.9350 | 117.7917 | ORA | Yorba Linda      | Berkstresser, 1968b         |         |
| 548                                                           | Well 3S/9W-22C2 S        | WW   | Y    | 33.9025 | 117.8125 | ORA | Yorba Linda      | CA. Dept. Water Res., 1966a |         |
| 549                                                           | Seguro No.1 Well         | X    | Y    | 33.6895 | 118.0062 | ORA | Huntington Beach | Majmudar, 1984              |         |
| 550                                                           | O'Brien Porter No.2 Well | X    | Y    | 33.6842 | 117.9983 | ORA | Huntington Beach | Majmudar, 1984              |         |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | REFERENCE                   | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|---------------------|-----------------------------|---------|
| 551 | McCasden Well            | X    | Y    | 33.6688 | 118.0137 | ORA | Huntington Beach    | Majmudar, 1984              |         |
| 552 | Beloil Davenport Well    | X    | Y    | 33.6750 | 117.9958 | ORA | Newport Beach       | Majmudar, 1984              |         |
| 553 | Fairview Hot Sp. Well    | SW   | Y    | 33.6733 | 117.9183 | ORA | Newport Beach       | Waring, 1965                |         |
| 554 | Well 5S/9W-34Q1 S        | WW   | Y    | 33.6883 | 117.8035 | ORA | Irvine              | CA. Dept. Water Res., 1966b |         |
| 555 | Well 7S/8W-16Q1 S        | WW   | Y    | 33.5567 | 117.7167 | ORA | San Juan Capistrano | CA. Dept. Water Res., 1967b |         |
| 556 | Unnamed Spring           | SP   | Y    | 33.5137 | 117.6043 | ORA | San Juan Capistrano | CA. Dept. Water Res., 1967b |         |
| 557 | San Juan Hot Springs     | SP   | Y    | 33.5890 | 117.5003 | ORA | San Juan Capistrano | Berkstresser, 1968b         |         |
| 558 | Brockway Hot Springs     | SP   | Y    | 39.2273 | 120.0133 | PLA | N. Lake Tahoe       | Leivas and Bacon, 1982      |         |
| 559 | Unnamed Spring           | SP   | Y    | 40.4425 | 121.4125 | PLU | Lassen              | Waring, 1965                |         |
| 560 | Devil's Kitchen          | SP   | Y    | 40.4413 | 121.4333 | PLU | Lassen              | Waring, 1965                |         |
| 561 | Terminal Geyser          | SP   | Y    | 40.4213 | 121.3767 | PLU | Lassen              | Majmudar, 1984              |         |
| 562 | Drake Hot Springs        | SP   | Y    | 40.4425 | 121.4025 | PLU | Lassen              | Bliss, 1983                 |         |
| 563 | Boiling Springs Lake     | SP   | Y    | 40.4357 | 121.3967 | PLU | Lassen              | Waring, 1965                |         |
| 564 | Terminal Geyser Well     | X    | Y    | 40.4208 | 121.3767 | PLU | Lassen              | Majmudar, 1984              |         |
| 565 | Indian Valley Hot Sps.   | SP   | Y    | 40.1413 | 120.9337 | PLU | Greenville          | Waring, 1965                |         |
| 566 | Indian Val. Hosp., GRN-1 | NLT  | Y    | 40.1441 | 120.9445 | PLU | Greenville          | CA. Div. Oil and Gas, 1993  |         |
| 567 | Plumas Sch. Dist., GHS-1 | NLT  | Y    | 40.1397 | 120.9446 | PLU | Greenville          | CA. Div. Oil and Gas, 1993  |         |
| 568 | Warm Sps. at Twain       | SP   | Y    | 40.0187 | 121.0358 | PLU | Quincy              | Leivas and Bacon, 1982      |         |
| 569 | White Sulfur Springs     | SP   | Y    | 39.7283 | 120.5475 | PLU | Portola             | Leivas and Bacon, 1982      |         |
| 570 | Marble Hot Wells         | WW   | Y    | 39.7565 | 120.3583 | PLU | Sierra Valley       | Leivas and Bacon, 1982      |         |
| 571 | Well 22N/14E-25H1 M      | WW   | Y    | 39.7310 | 120.3533 | PLU | Sierra Valley       | CA. Dept. Water Res., 1961a |         |
| 572 | Well 22N/15E-17C3 M      | WW   | Y    | 39.7650 | 120.3242 | PLU | Sierra Valley       | CA. Dept. Water Res., 1966a |         |
| 573 | Well 23N/15E-36J2 M      | WW   | Y    | 39.8008 | 120.2408 | PLU | Sierra Valley       | CA. Dept. Water Res., 1961a |         |
| 574 | Well 22N/15E-23C1 M      | WW   | Y    | 39.7500 | 120.2700 | PLU | Sierra Valley       | CA. Dept. Water Res., 1961a |         |
| 575 | Well 22N/15E-28L1 M      | WW   | Y    | 39.7292 | 120.3055 | PLU | Sierra Valley       | CA. Dept. Water Res., 1961a |         |

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| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA             | REFERENCE                   | Page(s) |
|-----|-----------------------|------|------|---------|----------|-----|------------------|-----------------------------|---------|
| 576 | W. Hagge Well No. 1   | WW   | Y    | 39.7217 | 120.3217 | PLU | Sierra Valley    | Reed, 1975                  |         |
| 577 | Well 22N/15E-32F1 M   | WW   | Y    | 39.7158 | 120.3242 | PLU | Sierra Valley    | Reed, 1975                  |         |
| 578 | Well 22N/15E-32R1 M   | WW   | Y    | 39.7092 | 120.3167 | PLU | Sierra Valley    | Majmundar, 1984             |         |
| 579 | Well 22N/15E-33M1 M   | WW   | Y    | 39.7153 | 120.3100 | PLU | Sierra Valley    | Majmundar, 1984             |         |
| 580 | Glen Ivy Hot Sp. Well | SW   | Y    | 33.7562 | 117.4945 | RIV | Glen Ivy Hot Sp. | Berkstresser, 1968b         |         |
| 581 | Well 3S/7W-11F1 S     | WW   | Y    | 33.9250 | 117.5875 | RIV | Norco            | Moyle, 1974                 |         |
| 582 | Well 3S/3W-2L1 S      | WW   | Y    | 33.9388 | 117.1650 | RIV | San Jacinto      | CA. Dept. Water Res., 1966a |         |
| 583 | Well 3S/2W-7P1 S      | WW   | Y    | 33.9200 | 117.1333 | RIV | San Jacinto      | Moyle, 1974                 |         |
| 584 | Highland Springs      | SP   | Y    | 33.9695 | 116.9417 | RIV | Banning          | Bliss, 1983                 |         |
| 585 | Eden Hot Springs      | SP   | Y    | 33.8967 | 117.0542 | RIV | San Jacinto      | Moyle, 1974                 |         |
| 586 | Unnamed Spring        | SP   | Y    | 33.8658 | 117.0993 | RIV | San Jacinto      | Majmundar, 1984             |         |
| 587 | Lakeview Hot Springs  | SP   | Y    | 33.8378 | 117.1445 | RIV | San Jacinto      | Waring, 1965                |         |
| 588 | Gitman Hot Springs    | SP   | Y    | 33.8350 | 116.9867 | RIV | San Jacinto      | Waring, 1919                |         |
| 589 | Soboba Hot Springs    | SP   | Y    | 33.8008 | 116.9267 | RIV | San Jacinto      | Leivas and others, 1981     |         |
| 590 | Well 5S/1E-5W2 S      | WW   | Y    | 33.7633 | 116.9067 | RIV | San Jacinto      | CA. Dept. Water Res., 1970b |         |
| 591 | Well 5S/1W-16C1 S     | WW   | Y    | 33.7417 | 116.9917 | RIV | Hemet            | Moyle, 1974                 |         |
| 592 | Wrenden Hot Springs   | SP   | Y    | 33.6692 | 117.3275 | RIV | Lake Elsinore    | Waring, 1919                |         |
| 593 | Elsinore Hot Springs  | SW   | Y    | 33.6695 | 117.3287 | RIV | Lake Elsinore    | Leivas and others, 1981     |         |
| 594 | Lake Elsinore, "GM" 1 | CLT  | N    | 33.6691 | 117.3268 | RIV | Lake Elsinore    | CA. Div. Oil and Gas, 1993  |         |
| 595 | Lake Elsinore, "GM" 2 | CLT  | N    | 33.6706 | 117.3251 | RIV | Lake Elsinore    | CA. Div. Oil and Gas, 1993  |         |
| 596 | Lake Elsinore, "GM" 3 | CLT  | Y    | 33.6683 | 117.3281 | RIV | Lake Elsinore    | CA. Div. Oil and Gas, 1993  |         |
| 597 | Well 6S/2W-10D1 S     | WW   | Y    | 33.6705 | 117.0823 | RIV | Murrieta Springs | CA. Dept. Water Res., 1971  |         |
| 598 | Unnamed Well          | WW   | Y    | 33.6708 | 117.0637 | RIV | Murrieta Springs | CA. Dept. Water Res., 1971  |         |
| 599 | Well 5S/1W-32Q1 S     | WW   | Y    | 33.6858 | 117.0022 | RIV | Murrieta Springs | CA. Dept. Water Res., 1971  |         |
| 600 | Well 6S/1W-4J2 S      | WW   | Y    | 33.6783 | 116.9795 | RIV | Murrieta Springs | CA. Dept. Water Res., 1971  |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE                   | Page(s) |
|-----|-----------------------|------|------|---------|----------|-----|--------------------|-----------------------------|---------|
| 601 | Well 6S/2W-10E1 S     | WW   | Y    | 33.6667 | 117.0828 | RIV | Murrieta Springs   | CA. Dept. Water Res., 1971  |         |
| 602 | Well 6S/2W-15D1 S     | WW   | Y    | 33.6555 | 117.0825 | RIV | Murrieta Springs   | CA. Dept. Water Res., 1971  |         |
| 603 | Well 6S/4W-34J2 S     | WW   | Y    | 33.6045 | 117.2753 | RIV | Lake Elsinore      | CA. Dept. Water Res., 1971  |         |
| 604 | Well 6S/4W-35D1 S     | WW   | Y    | 33.6122 | 117.2740 | RIV | Lake Elsinore      | CA. Dept. Water Res., 1971  |         |
| 605 | Tenecula Hot Springs  | SP   | Y    | 33.5533 | 117.1675 | RIV | Temecula           | Moyle, 1974                 |         |
| 606 | Well 8S/3W-7D3 S      | WW   | Y    | 33.5033 | 117.2392 | RIV | Temecula           | Majumdar, 1984              |         |
| 607 | Murrieta Hot Springs  | SP   | Y    | 33.5588 | 117.1572 | RIV | Murrieta Springs   | Leivas and others, 1981     |         |
| 608 | Well 7S/2W-3N1 S      | WW   | Y    | 33.5838 | 117.0828 | RIV | Murrieta Springs   | CA. Dept. Water Res., 1971  |         |
| 609 | Well 7S/2W-2P2 S      | WW   | Y    | 33.5862 | 117.0573 | RIV | Murrieta Springs   | CA. Dept. Water Res., 1971  |         |
| 610 | Unnamed Spring        | SP   | Y    | 33.5417 | 116.7417 | RIV | Cahuilla           | Majumdar, 1984              |         |
| 611 | Agua Caliente Spring  | SP   | Y    | 33.8250 | 116.5447 | RIV | Palm Springs       | Leivas and others, 1981     |         |
| 612 | Unnamed Well          | WW   | Y    | 33.9083 | 116.3717 | RIV | Desert Hot Springs | Moyle, 1974                 |         |
| 613 | Unnamed Well          | WW   | Y    | 33.8992 | 116.3633 | RIV | Desert Hot Springs | Moyle, 1974                 |         |
| 614 | Well 5S/6E-24N2 S     | WW   | Y    | 33.7177 | 116.3165 | RIV | Indian Wells       | Leivas and others, 1981     |         |
| 615 | Well 7S/9E-18N1 S     | WW   | Y    | 33.5617 | 116.0925 | RIV | H.W. Salton Sea    | CA. Dept. Water Res., 1970a |         |
| 616 | Well 8S/8E-10N1 S     | WW   | Y    | 33.4958 | 116.1375 | RIV | H.W. Salton Sea    | CA. Dept. Water Res., 1969b |         |
| 617 | Well 8S/8E-13N1 S     | WW   | Y    | 33.4700 | 116.1033 | RIV | H.W. Salton Sea    | CA. Dept. Water Res., 1970a |         |
| 618 | Well 8S/9E-29N1 S     | WW   | Y    | 33.4412 | 116.0692 | RIV | H.W. Salton Sea    | CA. Dept. Water Res., 1970a |         |
| 619 | Well 8S/9E-29R1 S     | WW   | Y    | 33.4408 | 116.0642 | RIV | H.W. Salton Sea    | Majumdar, 1984              |         |
| 620 | Dos Palmas Spring     | SP   | Y    | 33.5108 | 115.8262 | RIV | Dos Palmas Spring  | CA. Dept. Water Res., 1970a |         |
| 621 | Aqua Farms, "Aqua" 1  | CLT  | N    | 33.5088 | 115.8315 | RIV | Dos Palmas Spring  | CA. Div. Oil and Gas, 1993  |         |
| 622 | Aqua Farms, "Aqua" 2  | CLT  | N    | 33.5074 | 115.8303 | RIV | Dos Palmas Spring  | CA. Div. Oil and Gas, 1993  |         |
| 623 | Aqua Farms, "Aqua" 3  | CLT  | Y    | 33.5074 | 115.8327 | RIV | Dos Palmas Spring  | CA. Div. Oil and Gas, 1993  |         |
| 624 | Hunter's Spring Wells | WW   | Y    | 33.4883 | 115.7908 | RIV | Dos Palmas Spring  | CA. Dept. Water Res., 1970a |         |
| 625 | Canyon Spring         | SP   | Y    | 33.5452 | 115.6533 | RIV | Canyon Spring      | Bliss, 1983                 |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | REFERENCE                | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|---------------------|--------------------------|---------|
| 626 | Kaiser North Well         | X    | Y    | 33.9417 | 115.4167 | RIV | Eagle Mountain Mine | Rex, 1972                |         |
| 627 | Thurman Ragsdale Well     | WW   | Y    | 33.8250 | 115.4250 | RIV | Desert Center       | Rex, 1972                |         |
| 628 | Stanley Ragsdale Well     | WW   | Y    | 33.7125 | 115.4042 | RIV | Desert Center       | Rex, 1972                |         |
| 629 | Sunland Oil Well          | X    | Y    | 33.7058 | 115.4400 | RIV | Desert Center       | Rex, 1972                |         |
| 630 | Lazy C Trailer Park Well  | WW   | Y    | 33.7408 | 115.3700 | RIV | Desert Center       | Rex, 1972                |         |
| 631 | Cal Trans Well            | WW   | Y    | 33.7133 | 115.4082 | RIV | Desert Center       | Leivas and Bacon, 1982   |         |
| 632 | S.D. Trailer Park Well    | WW   | Y    | 33.7167 | 115.3958 | RIV | Desert Center       | Rex, 1972                |         |
| 633 | Morrison Well             | WW   | Y    | 33.7490 | 115.3560 | RIV | Desert Center       | Leivas and Bacon, 1982   |         |
| 634 | Desert Ctr. Airport Well  | WW   | Y    | 33.7533 | 115.3317 | RIV | Desert Center       | Bliss, 1983              |         |
| 635 | Corn Spring               | SP   | Y    | 33.6250 | 115.3247 | RIV | Desert Center       | Bliss, 1983              |         |
| 636 | McCoy Spring              | SP   | Y    | 33.7330 | 114.9067 | RIV | McCoy Spring        | Bliss, 1983              |         |
| 637 | Wiley Well                | WW   | Y    | 33.6092 | 114.9017 | RIV | Wileys Well Rd.     | Rex, 1972                |         |
| 638 | L.C. Winters Well         | WW   | Y    | 33.6958 | 114.6767 | RIV | Blythe              | Metzger and others, 1973 |         |
| 639 | Well 6S/22E-9P1 S         | WW   | Y    | 33.6625 | 114.6858 | RIV | Blythe              | Majmudar, 1984           |         |
| 640 | Well 6S/22E-20A1 S        | WW   | Y    | 33.6458 | 114.6942 | RIV | Blythe              | Majmudar, 1984           |         |
| 641 | Riverside Co. Airport (W) | WW   | Y    | 33.6117 | 114.7083 | RIV | Blythe              | Rex, 1972                |         |
| 642 | Mesa Verde Well           | WW   | Y    | 33.6167 | 114.7333 | RIV | Nicholls Warm Sps.  | Rex, 1972                |         |
| 643 | Nicholls Warm Sps. Well   | SW   | Y    | 33.6033 | 114.7278 | RIV | Nicholls Warm Sps.  | Metzger and others, 1973 |         |
| 644 | Blythe-Mesa Verde Well    | SW   | Y    | 33.6020 | 114.7180 | RIV | Nicholls Warm Sps.  | Leivas and Bacon, 1982   |         |
| 645 | Basha # 3 Well            | X    | Y    | 33.5683 | 115.7458 | RIV | Blythe              | Metzger and others, 1973 |         |
| 646 | Bill Passey Well          | WW   | Y    | 33.6042 | 115.6923 | RIV | Blythe              | Metzger and others, 1973 |         |
| 647 | Basha # 1 Well            | X    | Y    | 33.6258 | 114.6800 | RIV | Blythe              | Metzger and others, 1973 |         |
| 648 | E. Weeks Well             | WW   | Y    | 33.6467 | 114.6625 | RIV | Blythe              | Metzger and others, 1973 |         |
| 649 | E. Fortner Well           | WW   | Y    | 33.6958 | 114.6583 | RIV | Blythe              | Metzger and others, 1973 |         |
| 650 | Blythe-Julian Well        | WW   | Y    | 33.6948 | 114.6533 | RIV | Blythe              | Leivas and Bacon, 1982   |         |

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| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE                   | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|--------------------|-----------------------------|---------|
| 651 | Lucky 7 Well             | WW   | Y    | 33.9258 | 116.4408 | RIV | Desert Hot Springs | Proctor, 1968               |         |
| 652 | "Pratt" 1                | NLT  | N    | 33.9248 | 116.4369 | RIV | Desert Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 653 | "Hohnsen" 1              | NLT  | N    | 33.9397 | 116.4650 | RIV | Desert Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 654 | "Sky Valley" No. 1       | NLT  | N    | 33.9242 | 116.4127 | RIV | Desert Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 655 | "Segal" 1                | NLT  | N    | 33.9363 | 116.4670 | RIV | Desert Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 656 | "Linda Vista Lodge" 1    | CLT  | Y    | 33.9480 | 116.4879 | RIV | Desert Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 657 | King Spa Well            | WW   | Y    | 33.4375 | 115.6900 | RIV | Hot Mineral Spa    | Rex, 1972                   |         |
| 658 | New Pilger Hot Mnr. Well | WW   | Y    | 33.4275 | 115.6867 | RIV | Hot Mineral Spa    | Moyle, 1974                 |         |
| 659 | "Leiss" No. 1            | CLT  | N    | 33.4300 | 115.6899 | RIV | Hot Mineral Spa    | CA. Div. Oil and Gas, 1993  |         |
| 660 | "Leiss" No. 2            | CLT  | N    | 33.4286 | 115.6897 | RIV | Hot Mineral Spa    | CA. Div. Oil and Gas, 1993  |         |
| 661 | San Benito Mnr. Well     | WW   | Y    | 36.8155 | 121.3528 | SBT | Hollister          | Berkstresser, 1968b         |         |
| 662 | Sulfur Springs           | SP   | Y    | 36.2945 | 120.9853 | SBT | Bitterwater        | Bliss, 1983                 |         |
| 663 | M.H. Morris Well         | X    | Y    | 35.7750 | 117.3600 | SBD | Trona              | CA. Dept. Water Res., 1969a |         |
| 664 | Saratoga Spring          | SP   | Y    | 35.6818 | 116.4217 | SBD | Saratoga Spring    | Bliss, 1983                 |         |
| 665 | Sheep Creek Spring       | SP   | Y    | 35.5892 | 116.3583 | SBD | Silver Lake        | Bliss, 1983                 |         |
| 666 | Magna Power Co. Well     | X    | Y    | 35.3843 | 117.5362 | SBD | Randsburg          | Smith, 1964                 |         |
| 667 | Paradise Spring          | SP   | Y    | 35.1433 | 116.8137 | SBD | Fort Irwin         | Bliss, 1983                 |         |
| 668 | Soda Station Sps.        | SP   | Y    | 35.1422 | 116.1050 | SBD | Barker             | Thompson, 1929              |         |
| 669 | Newberry Spring          | SP   | N    | 34.8263 | 116.6763 | SBD | Barstow            | Thompson, 1929              |         |
| 670 | Flamingo Well            | WW   | Y    | 34.9555 | 114.8388 | SBD | Needles            | Moyle, 1974                 |         |
| 671 | Unnamed Well             | WW   | Y    | 34.8417 | 114.9750 | SBD | Needles            | Bliss, 1983                 |         |
| 672 | Roy Lye Well No.1        | WW   | Y    | 34.0995 | 114.4500 | SBD | Vidal              | Leivas and Bacon, 1982      |         |
| 673 | Well 1S/24E-10N1 S       | WW   | Y    | 34.0950 | 114.4533 | SBD | Vidal              | Metzger and others, 1973    |         |
| 674 | Roy Lye Well No.2        | WW   | Y    | 34.0907 | 114.4628 | SBD | Vidal              | Leivas and Bacon, 1982      |         |
| 675 | Well 1S/24E-16N1 S       | WW   | Y    | 34.0917 | 114.4600 | SBD | Vidal              | Metzger and others, 1973    |         |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE               | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|--------------------|-------------------------|---------|
| 676 | Well 2N/7E-3B1 S          | WW   | Y    | 34.2937 | 116.2367 | SBD | Twentynine Palms   | Majmudar, 1984          |         |
| 677 | Well 1N/8E-2N1 S          | WW   | Y    | 34.1942 | 116.1217 | SBD | Twentynine Palms   | Moyle, 1974             |         |
| 678 | Jewell Well               | WW   | Y    | 34.1798 | 116.0648 | SBD | Twentynine Palms   | Leivas and others, 1981 |         |
| 679 | Zuncich Well              | WW   | Y    | 34.1718 | 116.0987 | SBD | Twentynine Palms   | Leivas and others, 1981 |         |
| 680 | Well 1N/9E-29F1 S         | WW   | Y    | 34.1450 | 116.0633 | SBD | Twentynine Palms   | Moyle, 1974             |         |
| 681 | Well 1N/9E-14C1 S         | WW   | Y    | 34.1783 | 116.0117 | SBD | Twentynine Palms   | Moyle, 1974             |         |
| 682 | Well 1N/5E-12D1 S         | WW   | Y    | 34.1917 | 116.4192 | SBD | Yucca Valley       | Moyle, 1974             |         |
| 683 | Pan Hot Spring            | SW   | Y    | 34.2717 | 116.8375 | SBD | Big Bear Lake      | Leivas and others, 1981 |         |
| 684 | Unnamed Spring            | SP   | Y    | 34.3410 | 117.1690 | SBD | Lake Arrowhead     | Waring, 1965            |         |
| 685 | Unnamed Spring            | SP   | Y    | 34.3392 | 117.1760 | SBD | Lake Arrowhead     | Waring, 1965            |         |
| 686 | Tylers Bath (Spring)      | SP   | Y    | 34.2305 | 117.4838 | SBD | Lytle Creek        | Waring, 1965            |         |
| 687 | Waterman Hot Spring       | SP   | N    | 34.1892 | 117.2710 | SBD | San Bernardino     | Berkstresser, 1968b     |         |
| 688 | Waterman Hot Springs      | SP   | Y    | 34.1892 | 117.2710 | SBD | San Bernardino     | Youngs and others, 1981 |         |
| 689 | Waterman Hot Springs (W)  | SW   | Y    | 34.1887 | 117.2710 | SBD | San Bernardino     | Youngs and others, 1981 |         |
| 690 | Arrowhead Hot Springs     | SP   | N    | 34.1870 | 117.2630 | SBD | Arrowhead Hot Sps. | Berkstresser, 1968b     |         |
| 691 | Arrowhead Hot Springs (W) | SW   | Y    | 34.1870 | 117.2647 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 692 | "Granite Hot Spring"      | SP   | N    | 34.1868 | 117.2645 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 693 | "Penyugal Hot Spring"     | SP   | N    | 34.1872 | 117.2633 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 694 | "Palm Hot Spring"         | SP   | N    | 34.1870 | 117.2612 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 695 | "Mud Bath Well"           | SW   | Y    | 34.1870 | 117.2612 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 696 | "Hot Well"                | WW   | Y    | 34.1897 | 117.2610 | SBD | Arrowhead Hot Sps. | Youngs and others, 1981 |         |
| 697 | Unnamed Springs           | SP   | Y    | 34.1220 | 117.0787 | SBD | Redlands           | Waring, 1965            |         |
| 698 | Harlem Hot Springs Well   | SW   | N    | 34.1225 | 117.2247 | SBD | San Bernardino     | Waring, 1915            |         |
| 699 | Harlem Hot Sps. (R 385)   | SW   | N    | 34.1230 | 117.2247 | SBD | San Bernardino     | Mendenhall, 1905        |         |
| 700 | Harlem Hot Springs Well   | SW   | Y    | 34.1230 | 117.2247 | SBD | San Bernardino     | Waring, 1915            |         |

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| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | REFERENCE                   | Page(s) |
|-----|------------------------|------|------|---------|----------|-----|----------------|-----------------------------|---------|
| 701 | Well (State # E-53h)   | SW   | Y    | 34.1227 | 117.2245 | SBD | San Bernardino | Dutcher and Garrett, 1963   |         |
| 702 | Well (State # E-50h)   | SW   | N    | 34.1227 | 117.2252 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 703 | Well 1N/3W-32N3 S      | WW   | Y    | 34.1233 | 117.2250 | SBD | San Bernardino | Moyle, 1974                 |         |
| 704 | Well 1N/3W-33W1 S      | WW   | Y    | 34.1267 | 117.2050 | SBD | San Bernardino | Moyle, 1974                 |         |
| 705 | Urbita Hot Sps. Well   | SW   | N    | 34.0867 | 117.2958 | SBD | San Bernardino | Warings, 1915               |         |
| 706 | Urbita Springs Well    | WW   | N    | 34.0875 | 117.2972 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 707 | Urbita Hot Sps. Wells  | WW   | Y    | 34.0868 | 117.2958 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 708 | Well 1S/4W-15L3 S      | WW   | Y    | 34.0833 | 117.2875 | SBD | San Bernardino | CA. Dept. Water Res., 1970c |         |
| 709 | Patton Hospital #14    | WW   | Y    | 34.1413 | 117.2203 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 710 | Patton Hospital #10    | WW   | N    | 34.1372 | 117.2242 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 711 | Patton Hospital #11    | WW   | N    | 34.1343 | 117.2207 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 712 | Well (R 375)           | WW   | N    | 34.1355 | 117.2372 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 713 | Well 1N/3W-31L4 S      | WW   | N    | 34.1283 | 117.2343 | SBD | San Bernardino | Dutcher and Garrett, 1963   |         |
| 714 | Patton Hospital #9     | WW   | Y    | 34.1268 | 117.2343 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 715 | Well (R 361)           | WW   | N    | 34.1232 | 117.2280 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 716 | Well (State # E-50m)   | WW   | Y    | 34.1222 | 117.2287 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 717 | Base Line Laundry Well | WW   | Y    | 34.1225 | 117.2322 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 718 | Well 1S/3W-6C3 S       | WW   | N    | 34.1208 | 117.2350 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 719 | Well (R 327)           | WW   | N    | 34.1208 | 117.2442 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 720 | Well (R 328)           | WW   | N    | 34.1203 | 117.2433 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 721 | Well (R 329)           | WW   | N    | 34.1187 | 117.2427 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 722 | Well (R 330)           | WW   | N    | 34.1172 | 117.2427 | SBD | San Bernardino | Mendenhall, 1905            |         |
| 723 | E.S.B.C.W.D. No.6      | WW   | N    | 34.1218 | 117.2492 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 724 | "Bone Yard Well"       | WW   | Y    | 34.1187 | 117.2487 | SBD | San Bernardino | Youngs and others, 1981     |         |
| 725 | "Palm Well #1"         | WW   | N    | 34.1252 | 117.2073 | SBD | San Bernardino | Dutcher and Garrett, 1963   |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                          |      |      |         |          |     |                |                            |         |
|---------------------------------------------------------------|--------------------------|------|------|---------|----------|-----|----------------|----------------------------|---------|
| ID#                                                           | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | REFERENCE                  | Page(s) |
| 726                                                           | Well 1S/3W-4C1 S         | WW   | N    | 34.1210 | 117.1998 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 727                                                           | Dunkirk #1               | WW   | N    | 34.1172 | 117.1990 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 728                                                           | Dunkirk #2               | WW   | N    | 34.1170 | 117.1993 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 729                                                           | Well 1S/4W-8Q3 S         | WW   | N    | 34.0942 | 117.3178 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 730                                                           | Well 1S/4W-8R2 S         | WW   | N    | 34.0948 | 117.3167 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 731                                                           | Well (R 297)             | WW   | N    | 34.0925 | 117.3123 | SBD | San Bernardino | Mendenhall, 1905           |         |
| 732                                                           | Colton #12               | WW   | Y    | 34.0927 | 117.3125 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 733                                                           | Well 1S/4W-9J1 S         | WW   | N    | 34.0978 | 117.3002 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 734                                                           | Well 1S/4W-10E1 S        | WW   | N    | 34.0997 | 117.2928 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 735                                                           | Well (State # E-92y)     | WW   | N    | 34.0992 | 117.2918 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 736                                                           | Well (State # E-29a)     | WW   | N    | 34.1022 | 117.2907 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 737                                                           | "Mill & D St. Well"      | WW   | N    | 34.0925 | 117.2913 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 738                                                           | "Mill & D" 2             | CLT  | Y    | 34.0927 | 117.2914 | SBD | San Bernardino | CA. Div. Oil and Gas, 1993 |         |
| 739                                                           | Well 1S/4W-16G5 S        | WW   | N    | 34.0885 | 117.3033 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 740                                                           | Well (234)               | WW   | N    | 34.0823 | 117.3068 | SBD | San Bernardino | Mendenhall, 1905           |         |
| 741                                                           | De Sienna Hot Sp. Well   | WW   | N    | 34.0817 | 117.3067 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 742                                                           | Well 1S/4W-16L3 S        | WW   | N    | 34.0823 | 117.3048 | SBD | San Bernardino | Moyle, 1974                |         |
| 743                                                           | Well (23)                | WW   | N    | 34.0840 | 117.2982 | SBD | San Bernardino | Mendenhall, 1905           |         |
| 744                                                           | Well (19)                | WW   | N    | 34.0823 | 117.2978 | SBD | San Bernardino | Mendenhall, 1905           |         |
| 745                                                           | Well 1S/4W-16J2 S        | WW   | N    | 34.0825 | 117.2973 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 746                                                           | Meeks & Daly Coburn Well | WW   | N    | 34.0823 | 117.2988 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 747                                                           | Meeks & Daly #69         | WW   | N    | 34.0815 | 117.2982 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 748                                                           | Well 1S/4W-16Q1 S        | WW   | N    | 34.0802 | 117.3012 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |
| 749                                                           | Meeks & Daly New E       | WW   | N    | 34.0817 | 117.2942 | SBD | San Bernardino | Youngs and others, 1981    |         |
| 750                                                           | Meeks & Daly Old E       | WW   | N    | 34.0817 | 117.2938 | SBD | San Bernardino | Dutcher and Garrett, 1963  |         |

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| ID# | SOURCE NAME           | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | REFERENCE                 | Page(s) |
|-----|-----------------------|------|------|---------|----------|-----|----------------|---------------------------|---------|
| 751 | Meeks & Daly #51      | WW   | N    | 34.0797 | 117.2942 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 752 | Well 1S/4W-21A1 S     | WW   | N    | 34.0752 | 117.2962 | SBD | San Bernardino | Dutcher and Garrett, 1963 |         |
| 753 | Well (State # E-39v)  | WW   | N    | 34.1052 | 117.2775 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 754 | Well (465)            | WW   | N    | 34.1102 | 117.2682 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 755 | Well (315)            | WW   | N    | 34.1043 | 117.2563 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 756 | Meeks & Daly #66      | WW   | Y    | 34.0862 | 117.2890 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 757 | "Byrne Well"          | WW   | N    | 34.0775 | 117.2868 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 758 | Meeks & Daly #59      | WW   | N    | 34.0818 | 117.2865 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 759 | Well (State # E-98e)  | WW   | N    | 34.0767 | 117.2837 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 760 | Well (State # E-130h) | WW   | N    | 34.0763 | 117.2812 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 761 | Well 1S/4W-22A1 S     | WW   | N    | 34.0762 | 117.2805 | SBD | San Bernardino | Dutcher and Garrett, 1963 |         |
| 762 | "Thorn # 12"          | WW   | N    | 34.0770 | 117.2837 | SBD | San Bernardino | Youngs and others, 1981   |         |
| 763 | Well (252)            | WW   | N    | 34.0803 | 117.2717 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 764 | Well 1S/4W-23C2 S     | WW   | N    | 34.0762 | 117.2715 | SBD | San Bernardino | Dutcher and Garrett, 1963 |         |
| 765 | Well (121)            | WW   | N    | 34.0738 | 117.2640 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 766 | Well (122)            | WW   | N    | 34.0745 | 117.2638 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 767 | Well (123)            | WW   | N    | 34.0752 | 117.2637 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 768 | Well (124)            | WW   | N    | 34.0767 | 117.2623 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 769 | Well (126)            | WW   | N    | 34.0782 | 117.2587 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 770 | Well (127)            | WW   | N    | 34.0798 | 117.2575 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 771 | Well (128)            | WW   | N    | 34.0807 | 117.2570 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 772 | Well (112)            | WW   | N    | 34.0802 | 117.2523 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 773 | Well (106)            | WW   | N    | 34.0740 | 117.2565 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 774 | Well (104)            | WW   | N    | 34.0737 | 117.2522 | SBD | San Bernardino | Mendenhall, 1905          |         |
| 775 | Well (017)            | WW   | N    | 34.0692 | 117.2925 | SBD | San Bernardino | Mendenhall, 1905          |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|--------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 776 | Well (053)               | WW   | N    | 34.0695 | 117.2895 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 777 | Well (018)               | WW   | N    | 34.0685 | 117.2922 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 778 | Well 1S/4W-22G2 S        | WW   | N    | 34.0722 | 117.2852 | SBD | San Bernardino  | Dutcher and Garrett, 1963   |         |
| 779 | Well 1S/4W-22H3 S        | WW   | N    | 34.0728 | 117.2788 | SBD | San Bernardino  | Dutcher and Garrett, 1963   |         |
| 780 | Well 1S/4W-22H4 S        | WW   | N    | 34.0717 | 117.2782 | SBD | San Bernardino  | Dutcher and Garrett, 1963   |         |
| 781 | Well 1S/4W-27A8 S        | WW   | N    | 34.0627 | 117.2783 | SBD | San Bernardino  | Dutcher and Garrett, 1963   |         |
| 782 | Well (008)               | WW   | N    | 34.0598 | 117.2788 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 783 | Well (120)               | WW   | N    | 34.0618 | 117.2700 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 784 | Well (119)               | WW   | N    | 34.0607 | 117.2702 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 785 | Well (118)               | WW   | N    | 34.0597 | 117.2703 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 786 | Well (117)               | WW   | N    | 34.0588 | 117.2703 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 787 | Well (116)               | WW   | N    | 34.0580 | 117.2703 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 788 | Well 1S/4W-26F2 S        | WW   | N    | 34.0572 | 117.2737 | SBD | San Bernardino  | Dutcher and Garrett, 1963   |         |
| 789 | Well (115)               | WW   | N    | 34.0535 | 117.2730 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 790 | "Arroyo Verde Well" 1    | WW   | N    | 34.1182 | 117.2472 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 791 | "Arroyo Verde Well" 2    | WW   | N    | 34.1182 | 117.2472 | SBD | San Bernardino  | Mendenhall, 1905            |         |
| 792 | De Luz Warm Springs      | SP   | Y    | 33.4358 | 117.3250 | SDG | De Luz          | Berkstresser, 1968b         |         |
| 793 | Agua Tibia Sp. Well      | SW   | Y    | 33.3665 | 117.3910 | SDG | Pala            | Leivas and Bacon, 1982      |         |
| 794 | Well 10S/1W-23H1 S       | WW   | Y    | 33.2878 | 116.9587 | SDG | Rincon Springs  | CA. Dept. Water Res., 1967b |         |
| 795 | Warner Hot Springs       | SP   | Y    | 33.2838 | 116.6308 | SDG | Warner Hot Sps. | Leivas and others, 1981     |         |
| 796 | Well 12S/2W-17H1 S       | WW   | Y    | 33.1320 | 117.1028 | SDG | Escordido       | CA. Dept. Water Res., 1967b |         |
| 797 | Circ T Trailer Park Well | WW   | N    | 33.1492 | 116.1825 | SDG | Borrego Valley  | Rex, 1972                   |         |
| 798 | M.A. Smith Well          | WW   | Y    | 33.1562 | 116.1680 | SDG | Borrego Valley  | Rex, 1972                   |         |
| 799 | E. Robinson Well         | WW   | N    | 33.1445 | 116.1342 | SDG | Borrego Valley  | Rex, 1972                   |         |
| 800 | A. Toner Well            | WW   | Y    | 33.1450 | 116.1183 | SDG | Borrego Valley  | Rex, 1972                   |         |

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| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE                   | Page(s) |
|-----|------------------------|------|------|---------|----------|-----|--------------------|-----------------------------|---------|
| 801 | A. Williams Well       | WW   | N    | 33.1258 | 116.1300 | SDG | Borrego Valley     | Rex, 1972                   |         |
| 802 | Cornish Well           | WW   | Y    | 33.1058 | 116.1300 | SDG | Borrego Valley     | Rex, 1972                   |         |
| 803 | De Anza Trail Inn Well | WW   | N    | 33.1247 | 116.1308 | SDG | Ocotillo Wells     | Leivas and Bacon, 1982      |         |
| 804 | C. Peterson Well       | WW   | Y    | 33.1387 | 116.1555 | SDG | Borrego Valley     | Rex, 1972                   |         |
| 805 | Ironwood Motel Well    | WW   | Y    | 33.1495 | 116.1820 | SDG | Borrego Valley     | Rex, 1972                   |         |
| 806 | Vallecitos Spring      | SP   | Y    | 32.9703 | 116.4230 | SDG | Agua Caliente Sps. | Berkstresser, 1968b         |         |
| 807 | Agua Caliente Springs  | SP   | Y    | 32.9483 | 116.3040 | SDG | Agua Caliente Sps. | Leivas and Bacon, 1982      |         |
| 808 | Raymond Rasco Well     | WW   | Y    | 32.6200 | 116.1583 | SDG | Jacumba            | Rex, 1972                   |         |
| 809 | Jacumba Hot Springs    | SP   | Y    | 32.6158 | 116.1922 | SDG | Jacumba            | Moyle, 1974                 |         |
| 810 | Henry Lazare Well      | WW   | Y    | 32.6162 | 116.2920 | SDG | Jacumba            | Rex, 1972                   |         |
| 811 | Well 17S/5E-3R1 S      | WW   | Y    | 32.7203 | 116.4550 | SDG | Morena Village     | CA. Dept. Water Res., 1967b |         |
| 812 | Well 15S/1W-14Q1 S     | WW   | Y    | 32.8627 | 116.9510 | SDG | Santee             | Youngs, 1984                |         |
| 813 | Well 16S/2W-16C1 S     | WW   | Y    | 32.7861 | 117.0940 | SDG | San Diego          | Youngs, 1984                |         |
| 814 | Well 18S/2E-14E1 S     | WW   | Y    | 32.6088 | 116.7520 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 815 | Well 18S/2W-28L1 S     | WW   | Y    | 32.5733 | 117.0933 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 816 | Well 18S/2W-21H1 S     | WW   | Y    | 32.5917 | 117.0858 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 817 | Well 18S/2W-28P1 S     | WW   | Y    | 32.5710 | 117.0945 | SDG | San Diego          | Youngs, 1984                |         |
| 818 | Well 18S/2W-33L10 S    | WW   | Y    | 32.5583 | 117.0925 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 819 | Well 18S/1W-31H1 S     | WW   | Y    | 32.5629 | 117.0163 | SDG | San Diego          | Youngs, 1984                | 17      |
| 820 | Well 18S/1W-34H1 S     | WW   | Y    | 32.5563 | 116.9788 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 821 | Well 19S/1W-3E1 S      | WW   | Y    | 32.5487 | 116.9750 | SDG | San Diego          | CA. Dept. Water Res., 1967b |         |
| 822 | Well 15S/2W-19D1 S     | WW   | N    | 32.8592 | 117.1330 | SDG | San Diego          | Youngs, 1984                | 17      |
| 823 | Well 15S/1W-27G1 S     | WW   | N    | 32.8404 | 116.9681 | SDG | San Diego          | Youngs, 1984                | 17      |
| 824 | Well 15S/1W-27G5 S     | WW   | N    | 32.8404 | 116.9681 | SDG | San Diego          | Youngs, 1984                | 17      |
| 825 | Well 16S/3W-16Q1 S     | WW   | N    | 32.7753 | 117.1931 | SDG | San Diego          | Youngs, 1984                | 17      |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                           |      |      |         |          |     |                    |                             |         |
|---------------------------------------------------------------|---------------------------|------|------|---------|----------|-----|--------------------|-----------------------------|---------|
| ID#                                                           | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA               | REFERENCE                   | Page(s) |
| 826                                                           | Well 16S/3W-16R1 S        | WW   | N    | 32.7755 | 117.1885 | SDG | San Diego          | Youngs, 1984                | 17      |
| 827                                                           | Well 16S/2W-16D3 S        | WW   | N    | 32.7861 | 117.0983 | SDG | San Diego          | Youngs, 1984                | 17      |
| 828                                                           | Well 16S/2W-18L1 S        | WW   | N    | 32.7787 | 117.1283 | SDG | San Diego          | Youngs, 1984                | 17      |
| 829                                                           | Well 16S/3W-22P1 S        | WW   | N    | 32.7607 | 117.1797 | SDG | San Diego          | Youngs, 1984                | 17      |
| 830                                                           | Well 17S/2W-4B1 S         | WW   | N    | 32.7278 | 117.0898 | SDG | San Diego          | Youngs, 1984                | 17      |
| 831                                                           | Well 17S/2W-15J1 S        | WW   | N    | 32.6914 | 117.0680 | SDG | San Diego          | Youngs, 1984                | 17      |
| 832                                                           | Well 18S/2W-24M1 S        | WW   | N    | 32.5892 | 117.0466 | SDG | San Diego          | Wiegand, 1982               |         |
| 833                                                           | Well 18S/2W-27G1 S        | WW   | N    | 32.5779 | 117.0728 | SDG | San Diego          | Youngs, 1984                | 17      |
| 834                                                           | Well 19S/2W-1N6 S         | WW   | N    | 32.5414 | 117.0467 | SDG | San Diego          | Youngs, 1984                | 17      |
| 835                                                           | Well 15S/3W-32 S          | OIL  | N    | 32.8220 | 117.2191 | SDG | San Diego          | Youngs, 1984                | 17      |
| 836                                                           | Rohr Ind.s 18S/2W-9F S    | TG   | Y    | 32.6219 | 117.0952 | SDG | San Diego          | Miller and others, 1981     |         |
| 837                                                           | Well 18S/2W-21 S          | OIL  | N    | 32.5865 | 117.0983 | SDG | San Diego          | Youngs, 1984                | 17      |
| 838                                                           | Well 18S/2W-32 S          | OIL  | N    | 32.5573 | 117.1059 | SDG | San Diego          | Youngs, 1984                | 17      |
| 839                                                           | Unnamed Well              | WW   | Y    | 32.5842 | 117.0873 | SDG | San Diego          | Wiegand, 1982               |         |
| 840                                                           | Unnamed Well              | WW   | Y    | 32.5724 | 117.0927 | SDG | San Diego          | Wiegand, 1982               |         |
| 841                                                           | Unnamed Well              | WW   | Y    | 32.5845 | 117.0696 | SDG | San Diego          | Wiegand, 1982               |         |
| 842                                                           | Lone Tree Mnr. Spring     | SP   | Y    | 37.5732 | 121.4452 | SJQ | S. San Joaquin Co. | Berkstresser, 1968b         |         |
| 843                                                           | Unnamed Spring            | SP   | Y    | 37.5685 | 121.4462 | SJQ | S. San Joaquin Co. | Berkstresser, 1968b         |         |
| 844                                                           | Paso Robles Artesian Sp.  | SP   | Y    | 35.6625 | 120.6917 | SLO | Paso Robles        | Bliss, 1983                 |         |
| 845                                                           | Paso Robles Mud Bath Sps. | SP   | Y    | 35.6570 | 120.6945 | SLO | Paso Robles        | Berkstresser, 1968b         |         |
| 846                                                           | Unnamed Spring            | SP   | Y    | 35.6492 | 120.6868 | SLO | Paso Robles        | Majmudar, 1984              |         |
| 847                                                           | Well 26S/13E-11L1 M       | WW   | Y    | 35.6792 | 120.5433 | SLO | Paso Robles        | CA. Dept. Water Res., 1997b |         |
| 848                                                           | Well 26S/12E-29C M        | WW   | Y    | 35.6447 | 120.7035 | SLO | Paso Robles        | Leivas and others, 1981     |         |
| 849                                                           | Unnamed Well              | WW   | Y    | 35.6417 | 120.6458 | SLO | Paso Robles        | Majmudar, 1984              |         |
| 850                                                           | Santa Ysabel Springs      | SP   | Y    | 35.5822 | 120.6645 | SLO | Paso Robles        | Berkstresser, 1968b         |         |

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|-----|----------------------------|------|------|---------|----------|-----|--------------------|-----------------------------|---------|
| 851 | Paso Robles City Baths     | SW   | Y    | 35.6253 | 120.6880 | SLO | Paso Robles        | Berkstresser, 1968b         |         |
| 852 | Calagua No. 1              | X    | Y    | 35.5838 | 120.5458 | SLO | Paso Robles        | Majmudar, 1984              |         |
| 853 | Cameta Warm Spring         | SP   | Y    | 35.4000 | 120.2500 | SLO | Cameta Warm Spring | Waring, 1965                |         |
| 854 | Pecho Warm Springs         | SP   | N    | 35.2692 | 120.8570 | SLO | Morro Bay          | Waring, 1965                |         |
| 855 | Sycamore Hot Sps. Well     | OIL  | Y    | 35.1867 | 120.7133 | SLO | San Luis Obispo    | Leivas and others, 1981     |         |
| 856 | Avila Hot Springs Well     | WM   | Y    | 35.1808 | 120.7017 | SLO | San Luis Obispo    | Leivas and others, 1981     |         |
| 857 | Newson Springs             | SP   | Y    | 35.1225 | 120.5430 | SLO | Arroyo Grande      | Leivas and others, 1981     |         |
| 858 | Well 10N/27W-5L1 S         | WM   | Y    | 34.9770 | 119.7930 | SBA | Cuyana             | CA. Dept. Water Res., 1966a |         |
| 859 | Well 7N/35W-17Q1 S         | WM   | Y    | 34.6845 | 120.5848 | SBA | Vandenberg A.F.B.  | Majmudar, 1984              |         |
| 860 | Well 5N/33W-31A1 S         | WM   | Y    | 34.4778 | 120.3680 | SBA | Pt. Conception     | Majmudar, 1984              |         |
| 861 | Las Cruces Hot Springs     | SP   | Y    | 34.5023 | 120.2178 | SBA | Las Cruces         | Leivas and Bacon, 1982      |         |
| 862 | Well 5N/32W-35F1 S         | WM   | Y    | 34.4763 | 120.2015 | SBA | Gaviota            | CA. Dept. Water Res., 1966a |         |
| 863 | Well 5N/30W-32P1 S         | WM   | Y    | 34.4647 | 120.0463 | SBA | El Capitan         | Majmudar, 1984              |         |
| 864 | Unnamed Sp., Tecolote Tun. | SP   | Y    | 34.5163 | 119.9042 | SBA | Lake Cachuma       | Majmudar, 1984              |         |
| 865 | San Marcos Hot Springs     | SP   | Y    | 34.5372 | 119.8812 | SBA | Lake Cachuma       | Berkstresser, 1968b         |         |
| 866 | Unnamed Sp., Tecolote Tun. | SP   | Y    | 34.5103 | 119.9008 | SBA | Lake Cachuma       | Majmudar, 1984              |         |
| 867 | Montecito Hot Springs      | SP   | Y    | 34.4625 | 119.6380 | SBA | Montecito          | Leivas and others, 1981     |         |
| 868 | Little Caliente Spring     | SP   | Y    | 34.5405 | 119.6195 | SBA | Montecito          | Waring, 1965                |         |
| 869 | Agua Caliente Spring       | SP   | Y    | 34.5397 | 119.5620 | SBA | Montecito          | Berkstresser, 1968b         |         |
| 870 | Boron Spring               | SP   | Y    | 34.4228 | 119.5380 | SBA | Montecito          | Berkstresser, 1968b         |         |
| 871 | Gaviota Steam Vents        | SP   | Y    | 34.4677 | 120.2783 | SBA | Gaviota Beach      | Leivas and Bacon, 1982      |         |
| 872 | White Sulphur Spring       | SP   | Y    | 37.3973 | 121.7970 | SCL | Hilpitas           | Berkstresser, 1968b         |         |
| 873 | Gilroy Hot Spring          | SP   | Y    | 37.1092 | 121.4778 | SCL | Gilroy             | Berkstresser, 1968b         |         |
| 874 | Sargent Estate Warm Sp.    | SP   | Y    | 36.9405 | 121.5640 | SCL | Gilroy             | Berkstresser, 1968b         |         |
| 875 | Maplethorpe Well           | WM   | Y    | 36.9833 | 121.9417 | SCR | Soquel             | Bliss, 1983                 |         |

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| ID# | SOURCE NAME               | TYPE | PLOT | LAT     | LONG     | CO. | AREA            | REFERENCE                   | Page(s) |
|-----|---------------------------|------|------|---------|----------|-----|-----------------|-----------------------------|---------|
| 876 | Hunt Hot Springs          | SP   | Y    | 41.0338 | 121.9300 | SHA | Big Bend        | Leivas and Bacon, 1982      |         |
| 877 | Unnamed Well              | WW   | Y    | 41.0162 | 121.9067 | SHA | Big Bend        | Bliss, 1983                 |         |
| 878 | Big Bend Hot Springs      | SP   | Y    | 41.0225 | 121.9195 | SHA | Big Bend        | Berkstresser, 1968a         |         |
| 879 | Indian Sps. Sch. Well     | NLT  | Y    | 41.0165 | 121.9075 | SHA | Big Bend        | Leivas and Bacon, 1982      |         |
| 880 | Indian Sps. Sch., "ISS" 1 | NLT  | N    | 41.0205 | 121.9065 | SHA | Big Bend        | CA. Div. Oil and Gas, 1993  |         |
| 881 | Well 31N/4W-7A1 M         | WW   | Y    | 40.5625 | 122.3542 | SHA | Redding         | Majmudar, 1984              |         |
| 882 | Unnamed Springs           | SP   | Y    | 40.4567 | 121.5417 | SHA | Lassen          | Bliss, 1983                 |         |
| 883 | Tophet Hot Springs        | SP   | Y    | 40.4503 | 121.5338 | SHA | Lassen          | Waring, 1965                |         |
| 884 | Bumpass Well              | SP   | Y    | 40.4575 | 121.5000 | SHA | Lassen          | Bliss, 1983                 |         |
| 885 | Well 21N/15E-5D1 M        | WW   | Y    | 39.7058 | 120.3308 | SIE | Sierra Valley   | CA. Dept. Water Res., 1961a |         |
| 886 | Well 21N/15E-5E1 M        | WW   | Y    | 39.7025 | 120.3317 | SIE | Sierra Valley   | Majmudar, 1984              |         |
| 887 | Well 21N/15E-5E2 M        | WW   | Y    | 39.7017 | 120.3317 | SIE | Sierra Valley   | Reed, 1975                  |         |
| 888 | Well 21N/15E-5P1 M        | WW   | Y    | 39.6942 | 120.3275 | SIE | Sierra Valley   | CA. Dept. Water Res., 1974a |         |
| 889 | Well 21N/15E-6Q1 M        | WW   | Y    | 39.6950 | 120.3383 | SIE | Sierra Valley   | Majmudar, 1984              |         |
| 890 | Well 21N/15E-6Q3 M        | WW   | Y    | 39.6950 | 120.3400 | SIE | Sierra Valley   | CA. Dept. Water Res., 1961a |         |
| 891 | Well 21N/15E-4L1 M        | WW   | Y    | 39.6988 | 120.3062 | SIE | Loyalton        | CA. Dept. Water Res., 1961a |         |
| 892 | Campbell Hot Springs      | SP   | Y    | 39.5782 | 120.3537 | SIE | Sierraville     | Leivas and Bacon, 1982      |         |
| 893 | Sierra Co., "SCGP" 1      | CLT  | Y    | 39.6822 | 120.3188 | SIE | Sierra Valley   | CA. Div. Oil and Gas, 1993  |         |
| 894 | Sulphur Springs           | SP   | Y    | 41.6595 | 123.3182 | SIS | W. Siskiyou Co. | Berkstresser, 1968a         |         |
| 895 | Bogus Soda Springs        | SP   | Y    | 41.9187 | 122.3707 | SIS | N. Siskiyou Co. | Leivas and Bacon, 1982      |         |
| 896 | Klamath Hot Springs       | SP   | Y    | 41.9712 | 122.2017 | SIS | N. Siskiyou Co. | Bliss, 1983                 |         |
| 897 | Well 48N/1W-28F1 M        | WW   | Y    | 41.9767 | 121.9878 | SIS | N. Siskiyou Co. | CA. Dept. Water Res., 1970b |         |
| 898 | Unnamed Well              | WW   | Y    | 41.9370 | 121.8505 | SIS | N. Siskiyou Co. | Wood, 1960                  |         |
| 899 | Unnamed Fumarole          | SP   | Y    | 41.6058 | 121.5237 | SIS | Medicine Lake   | Waring, 1965                |         |
| 900 | Unnamed Spring            | SP   | Y    | 41.4088 | 122.1948 | SIS | Mt. Shasta      | Bliss, 1983                 |         |

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| ID# | SOURCE NAME                | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | REFERENCE                   | Page(s) |
|-----|----------------------------|------|------|---------|----------|-----|-------------------|-----------------------------|---------|
| 901 | Toleneas Springs           | SP   | Y    | 38.3102 | 122.0532 | SOL | Fairfield         | Berkstresser, 1968a         |         |
| 902 | Vallejo White Sulphur Sp.  | SP   | Y    | 38.1248 | 122.1882 | SOL | Benicia           | CA. Div. Mines & Geo., 1919 |         |
| 903 | Unnamed Spring             | SP   | Y    | 38.1012 | 122.1688 | SOL | Benicia           | Berkstresser, 1968a         |         |
| 904 | Hoods Hot Springs          | SP   | Y    | 38.7958 | 123.1625 | SON | Cloverdale        | Waring, 1965                |         |
| 905 | The Geysers (Devils Kit.)  | SP   | Y    | 38.8017 | 122.8067 | SON | The Geysers       | Berkstresser, 1968a         |         |
| 906 | Unnamed Spring             | SP   | Y    | 38.7767 | 122.7625 | SON | The Geysers       | Waring, 1965                |         |
| 907 | Little Geysers             | SP   | Y    | 38.7742 | 122.7478 | SON | The Geysers       | Waring, 1965                |         |
| 908 | Skaggs Springs             | SP   | Y    | 38.6938 | 123.0257 | SON | Skaggs Springs    | Barnes and others, 1973     |         |
| 909 | Mark West Springs          | SP   | Y    | 38.5488 | 122.72   | SON | Mark West Spring  | Berkstresser, 1968a         |         |
| 910 | Unnamed Spring             | SP   | Y    | 38.3885 | 122.567  | SON | Sonoma Valley     | Berkstresser, 1968a         |         |
| 911 | Morton's Warm Sps. Well    | SW   | Y    | 38.3943 | 122.5498 | SON | Sonoma Valley     | Campion and others, 1984    |         |
| 912 | Unnamed Spring             | SP   | Y    | 38.3567 | 122.5087 | SON | Sonoma Valley     | Berkstresser, 1968a         |         |
| 913 | Agua Caliente Sps. Well    | WW   | Y    | 38.322  | 122.4877 | SON | Agua Caliente     | Leivas and others, 1981     |         |
| 914 | Fetters Hot Springs Well   | WW   | Y    | 38.322  | 122.4877 | SON | Agua Caliente     | Leivas and others, 1981     |         |
| 915 | Agua C. School, "SV Geo" 1 | CLT  | N    | 38.322  | 122.4872 | SON | Agua Caliente     | CA. Div. Oil and Gas, 1993  |         |
| 916 | Boyes Hot Sps. Well        | SW   | N    | 38.3145 | 122.4864 | SON | Boyes Hot Springs | Campion and others, 1984    |         |
| 917 | Boyes Hot Sps. "No. 1"     | SW   | N    | 38.3143 | 122.4863 | SON | Boyes Hot Springs | Campion and others, 1984    |         |
| 918 | Boyes Hot Sps. "No. 2"     | SW   | N    | 38.3147 | 122.4866 | SON | Boyes Hot Springs | Campion and others, 1984    |         |
| 919 | Sonoma Mission Inn, "SV" 1 | CLT  | Y    | 38.3138 | 122.4823 | SON | Boyes Hot Springs | CA. Div. Oil and Gas, 1993  |         |
| 920 | Well 8W/8W-34M H           | WW   | Y    | 38.4933 | 122.7382 | SON | Santa Rosa        | Campion and others, 1984    |         |
| 921 | Well 7N/8W-2E H            | WW   | N    | 38.4845 | 122.7197 | SON | Santa Rosa        | Campion and others, 1984    |         |
| 922 | Well 8W/8W-35L H           | WW   | N    | 38.495  | 122.7127 | SON | Santa Rosa        | Campion and others, 1984    |         |
| 923 | Well 8W/8W-35P H           | WW   | N    | 38.4899 | 122.7133 | SON | Santa Rosa        | Campion and others, 1984    |         |
| 924 | Well 7N/8W-12D H           | WW   | N    | 38.4709 | 122.7022 | SON | Santa Rosa        | Campion and others, 1984    |         |
| 925 | Well 7N/8W-12E H           | WW   | Y    | 38.4687 | 122.7024 | SON | Santa Rosa        | Campion and others, 1984    |         |

| TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES |                          |      |      |         |          |     |                |                          |         |
|---------------------------------------------------------------|--------------------------|------|------|---------|----------|-----|----------------|--------------------------|---------|
| ID#                                                           | SOURCE NAME              | TYPE | PLOT | LAT     | LONG     | CO. | AREA           | REFERENCE                | Page(s) |
| 926                                                           | Well 7N/8W-12N M         | WW   | Y    | 38.4612 | 122.7036 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 927                                                           | Well 7N/8W-12N M         | WW   | N    | 38.4604 | 122.7014 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 928                                                           | Unnamed Spring           | SP   | Y    | 38.4602 | 122.7017 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 929                                                           | Well 7N/8W-24A4 M        | WW   | Y    | 38.4428 | 122.6862 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 930                                                           | Well 7N/8W-24H M         | WW   | N    | 38.4416 | 122.686  | SON | Santa Rosa     | Campion and others, 1984 |         |
| 931                                                           | Unnamed Spring           | SP   | Y    | 38.452  | 122.6483 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 932                                                           | Well 7N/7W-16G M         | WW   | Y    | 38.4549 | 122.6352 | SON | Santa Rosa     | Campion and others, 1984 |         |
| 933                                                           | Well 7N/7W-32G9 M        | WW   | Y    | 38.4099 | 122.6524 | SON | Bennett Valley | Campion and others, 1984 |         |
| 934                                                           | Well 7N/7W-32L M         | WW   | N    | 38.4091 | 122.6564 | SON | Bennett Valley | Campion and others, 1984 |         |
| 935                                                           | Well 6N/7W-5A M          | WW   | Y    | 38.401  | 122.6491 | SON | Bennett Valley | Campion and others, 1984 |         |
| 936                                                           | Well 6N/7W-9A M          | WW   | N    | 38.3851 | 122.6308 | SON | Bennett Valley | Campion and others, 1984 |         |
| 937                                                           | Well 6N/8W-10 M          | WW   | N    | 38.3908 | 122.6914 | SON | Rohnert Park   | Campion and others, 1984 |         |
| 938                                                           | Well 7N/7W-25G M         | WW   | N    | 38.4239 | 122.5798 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 939                                                           | Well 7N/6W-33D M         | WW   | N    | 38.4143 | 122.5366 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 940                                                           | Well 7N/6W-32A M         | WW   | N    | 38.4121 | 122.5387 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 941                                                           | Unnamed Well             | WW   | N    | 38.3997 | 122.5667 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 942                                                           | McEwan Ranch Spring      | SP   | Y    | 38.3883 | 122.5685 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 943                                                           | Nunn's Iron Spring       | SP   | N    | 38.4084 | 122.4859 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 944                                                           | Sonoma State Hosp. Well  | WW   | N    | 38.3563 | 122.5086 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 945                                                           | Unnamed Well             | WW   | N    | 38.3467 | 122.501  | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 946                                                           | Sonoma State Hosp. No. 3 | WW   | Y    | 38.3445 | 122.5193 | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 947                                                           | Unnamed Well             | WW   | N    | 38.3333 | 122.497  | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 948                                                           | Unnamed Well             | WW   | N    | 38.3297 | 122.49   | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 949                                                           | Well 6N/6W-35G M         | WW   | N    | 38.3236 | 122.49   | SON | Sonoma Valley  | Campion and others, 1984 |         |
| 950                                                           | Well 6N/6W-35E M         | WW   | N    | 38.3227 | 122.4959 | SON | Sonoma Valley  | Campion and others, 1984 |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME        | TYPE | PLOT | LAT     | LONG     | CO. | AREA              | REFERENCE                | Page(s) |
|-----|--------------------|------|------|---------|----------|-----|-------------------|--------------------------|---------|
| 951 | Unnamed Well       | WW   | N    | 38.3042 | 122.4968 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 952 | Well 5N/6W-12D M   | WW   | N    | 38.2978 | 122.4775 | SON | Sonoma            | Campion and others, 1984 |         |
| 953 | Unnamed Well       | WW   | Y    | 38.298  | 122.4733 | SON | Sonoma            | Campion and others, 1984 |         |
| 954 | Unnamed Well       | WW   | N    | 38.2947 | 122.4585 | SON | Sonoma            | Campion and others, 1984 |         |
| 955 | Unnamed Well       | WW   | N    | 38.2958 | 122.457  | SON | Sonoma            | Campion and others, 1984 |         |
| 956 | Unnamed Well       | WW   | N    | 38.2992 | 122.4568 | SON | Sonoma            | Campion and others, 1984 |         |
| 957 | Unnamed Well       | WW   | N    | 38.2983 | 122.4502 | SON | Sonoma            | Campion and others, 1984 |         |
| 958 | Well 5N/5W-7G M    | WW   | N    | 38.2964 | 122.4498 | SON | Sonoma            | Campion and others, 1984 |         |
| 959 | Well 5N/5W-7G M    | WW   | N    | 38.2946 | 122.4496 | SON | Sonoma            | Campion and others, 1984 |         |
| 960 | Unnamed Well       | WW   | N    | 38.296  | 122.4547 | SON | Sonoma            | Campion and others, 1984 |         |
| 961 | Unnamed Well       | WW   | N    | 38.2942 | 122.4567 | SON | Sonoma            | Campion and others, 1984 |         |
| 962 | Unnamed Spring     | SP   | Y    | 38.3248 | 122.4049 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 963 | Unnamed Well       | WW   | N    | 38.2823 | 122.4635 | SON | Sonoma            | Campion and others, 1984 |         |
| 964 | Well 5N/5W-17L M   | WW   | N    | 38.2817 | 122.4356 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 965 | Unnamed Well       | WW   | N    | 38.267  | 122.4992 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 966 | Well 5N/5W-31A1 M  | WW   | N    | 38.2426 | 122.4454 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 967 | Well 5N/5W-28R1 M  | WW   | N    | 38.246  | 122.4092 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 968 | Unnamed Well       | WW   | N    | 38.2537 | 122.3883 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 969 | Well 4N/5W-7C M    | WW   | N    | 38.2126 | 122.4547 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 970 | Unnamed Well       | WW   | N    | 38.2163 | 122.3728 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 971 | Well 5N/6W-25P2 M  | WW   | Y    | 38.2461 | 122.4728 | SON | Sonoma Valley     | Campion and others, 1984 |         |
| 972 | Salt Grass Springs | SP   | Y    | 37.4312 | 121.3083 | STA | M. Stanislaus Co. | Bliss, 1983              |         |
| 973 | Growler Hot Spring | SP   | Y    | 40.3942 | 121.5078 | TEH | Lassen            | Bliss, 1983              |         |
| 974 | Morgan Hot Springs | SP   | Y    | 40.3837 | 121.5133 | TEH | Lassen            | Bliss, 1983              |         |
| 975 | Tuscan Springs     | SP   | Y    | 40.2408 | 122.11   | TEH | Red Bluff         | Bliss, 1983              |         |

TABLE 3. CALIFORNIA GEOTHERMAL SPRINGS AND WELLS - REFERENCES

| ID# | SOURCE NAME            | TYPE | PLOT | LAT     | LONG     | CO. | AREA                | REFERENCE                   | Page(s) |
|-----|------------------------|------|------|---------|----------|-----|---------------------|-----------------------------|---------|
| 976 | Stinking Springs       | SP   | Y    | 40.2228 | 122.7495 | TEH | N.W. Tehama Co.     | Berkstresser, 1968a         |         |
| 977 | Kern Hot Spring        | SP   | Y    | 36.478  | 118.4047 | TUL | E. Tulare Co.       | Bliss, 1983                 |         |
| 978 | Jordan Hot Spring      | SP   | Y    | 36.2292 | 118.3017 | TUL | E. Tulare Co.       | Majumdar, 1984              |         |
| 979 | Soda Springs           | SP   | Y    | 36.2105 | 118.1758 | TUL | E. Tulare Co.       | Waring, 1965                |         |
| 980 | Soda Spring            | SP   | Y    | 36.1298 | 118.8158 | TUL | Springville         | Bliss, 1983                 |         |
| 981 | Ward Spring            | SP   | Y    | 36.1167 | 118.7758 | TUL | Springville         | Bliss, 1983                 |         |
| 982 | California Hot Springs | SP   | Y    | 35.8795 | 118.677  | TUL | California Hot Sps. | Leivas and others, 1981     |         |
| 983 | Well 8N/23W-20H1 S     | WM   | Y    | 34.7708 | 119.3333 | VEN | N.W. Ventura Co.    | CA. Dept. Water Res., 1973c |         |
| 984 | Willet Hot Springs     | SP   | Y    | 34.582  | 119.0472 | VEN | Sespe Hot Springs   | Berkstresser, 1968b         |         |
| 985 | Sespe Hot Springs      | SP   | Y    | 34.5947 | 118.9978 | VEN | Sespe Hot Springs   | Majumdar, 1984              |         |
| 986 | Vickers Hot Springs    | SP   | Y    | 34.5017 | 119.3458 | VEN | Ojai                | Berkstresser, 1968b         |         |
| 987 | Whealers Hot Springs   | SP   | Y    | 34.5092 | 119.2908 | VEN | Ojai                | Berkstresser, 1968b         |         |
| 988 | Stingleys Hot Springs  | SP   | Y    | 34.4995 | 119.3405 | VEN | Ojai                | Berkstresser, 1968b         |         |
| 989 | Matilija Hot Springs   | SW   | Y    | 34.4842 | 119.3072 | VEN | Ojai                | Leivas and others, 1981     |         |

TABLE 4

CALIFORNIA COMMUNITIES NEAR A GEOTHERMAL RESOURCE  
WITH A TEMPERATURE OF AT LEAST 50°C



TABLE 4.

**CALIFORNIA COMMUNITIES NEAR A GEOTHERMAL RESOURCE  
WITH A TEMPERATURE OF AT LEAST 50°C**

| City              | County   | Approx.<br>Lat. | Approx.<br>Long. | Population | Res. Temp.<br>(°C) | Depth<br>(m) | Flow<br>(L/min) | TDS<br>(mg/L) | Remarks                                                                       |
|-------------------|----------|-----------------|------------------|------------|--------------------|--------------|-----------------|---------------|-------------------------------------------------------------------------------|
| Alturas           | Modoc    | 41°29'          | 120°32'          | 3,260      | 86                 | 896          | 303             | 1,537         | Data for well "AL" 1 supplying heat to local school. Deepest direct use well. |
| Bieber            | Lassen   | 41°07'          | 121°08'          | 600        | 46                 | 648          | 750             | N/A           | Data for well "BV" 3. Nearby Bassett Hot Springs is 79°C.                     |
| Big Bend          | Shasta   | 41°01'          | 121°55'          | 150        | 50                 | 250          | 114             | 260           | Data for well. "ISS" 1 supplying heat to school.                              |
| Bishop            | Inyo     | 37°22'          | 118°24'          | 3,490      | 58                 | Springs      | 2,000           | 510           | Data for Keough Hot Springs approximately 7 miles south of Bishop.            |
| Bombay Beach      | Imperial | 33°21'          | 115°43'          | 500        | 54-78              | 30-177       | 1,514           | 2,100-3,800   | Many wells in the Hot Mineral Spa geothermal area.                            |
| Boyes Hot Springs | Sonoma   | 38°19'          | 122°29'          | 5,937      | 53                 | 396          | 757             | 1,287         | Well "SV" 1 at Sonoma Mission Inn.                                            |
| Brawley           | Imperial | 32°59'          | 115°32'          | 19,450     | 200-230            | 2,700-3,900  | 80-200          | 28,000        | Wells in North Brawley geothermal field, Imperial Valley.                     |
| Bridgeport        | Mono     | 38°15'          | 119°14'          | 900        | 51                 | 300          | N/A             | N/A           | Magma Power Co. well.                                                         |
| Calexico          | Imperial | 32°40'          | 115°30'          | 19,200     | 140-180            | 600-2,500    | 5,600-8,500     | 14,000-20,000 | Heber geothermal field, Imperial Valley.                                      |
| Calipatria        | Imperial | 33°08'          | 115°31'          | 2,700      | 230-310            | 900-1,800    | 1,500-18,000    | 280,000       | At the southeast of the Salton Sea geothermal field.                          |
| Calistoga         | Napa     | 38°35'          | 122°35'          | 4,500      | 137                | 14-244       | 1,476           | 660           | Well over 100 geothermal wells in Calistoga.                                  |

TABLE 4. continued

| City                                               | County         | Approx.<br>Lat. | Approx.<br>Long. | Population | Res. Temp.<br>(°C) | Depth<br>(m) | Flow<br>(L/min) | TDS<br>(mg/L) | Remarks                                                                              |
|----------------------------------------------------|----------------|-----------------|------------------|------------|--------------------|--------------|-----------------|---------------|--------------------------------------------------------------------------------------|
| Canby                                              | Modoc          | 41°27'          | 120°52'          | 450        | 92                 | Spring       | 1,250           | 900           | Kelly Hot Spring.                                                                    |
| Cedarville                                         | Modoc          | 41°32'          | 120°10'          | 950        | 69                 | 194          | 570             | N/A           | In the Surprise Valley geothermal area. Space heating two schools and hospital.      |
| Clearlake                                          | Lake           | 38°57'          | 122°38'          | 12,100     | 187                | 2,385        | N/A             | N/A           | The Clear Lake geothermal region, north of The Geysers. Data for Kettenhofen 1 well. |
| Colton                                             | San Bernardino | 34°04'          | 117°19'          | 41,350     | 51                 | 259          | N/A             | N/A           | Near the City of San Bernardino geothermal area.                                     |
| Coso Junction                                      | Inyo           | 36°03'          | 117°57'          | 30         | 200-340            | 1,460-1,980  | 750-7,600       | 4,600         | Coso Hot Springs KGRA. Electrical power production.                                  |
| Costa Mesa                                         | Orange         | 33°38'          | 117°55'          | 97,400     | 218                | 2,777        | N/A             | N/A           | Huntington Beach area where hot water is encountered in oil wells.                   |
| Desert Hot Springs                                 | Riverside      | 33°58'          | 116°30'          | 12,300     | 54-70              | 45-150       | 10-50           | 500-1,000     | More than 50 hot water wells in the area.                                            |
| Eagleville                                         | Modoc          | 41°19'          | 120°07'          | 185        | 59                 | Springs      | 500             | 370           | Data for Menlo Baths Hot Springs.                                                    |
| El Centro                                          | Imperial       | 32°48'          | 115°34'          | 32,650     | 140-180            | 600-2,500    | 5,600-8,500     | 14,000-20,000 | Heber geothermal field, Imperial Valley.                                             |
| Fort Bidwell (and Fort Bidwell Indian Reservation) | Modoc          | 41°51'          | 120°09'          | 230        | 53                 | 24           | N/A             | N/A           | In the Surprise Valley geothermal area. Data for well 45N/16E-17MI M.                |
| Glamis                                             | Imperial       | 33°00'          | 115°05'          | N/A        | 71                 | 207          | N/A             | N/A           | Data is for Smith Brothers Well.                                                     |

TABLE 4. continued

| City             | County         | Approx. Lat. | Approx. Long. | Population | Res. Temp. (°C) | Depth (m) | Flow (L/min) | TDS (mg/L)    | Remarks                                                                                              |
|------------------|----------------|--------------|---------------|------------|-----------------|-----------|--------------|---------------|------------------------------------------------------------------------------------------------------|
| Heber            | Imperial       | 32°44'       | 115°32'       | 2,566      | 140-180         | 600-2,500 | 5,600-8,500  | 14,000-20,000 | Heber geothermal field, Imperial Valley.                                                             |
| Hemet            | Riverside      | 33°44'       | 116°59'       | 38,000     | 59              | 40        | N/A          | 380           | Well is 6 miles south of Hemet.                                                                      |
| Highland         | San Bernardino | 34°07'       | 117°12'       | 35,650     | 58              | 284       | 18,900       | N/A           | The City of San Bernardino geothermal area. Data for well "Mill & D" 2.                              |
| Huntington Beach | Orange         | 33°40'       | 117°59'       | 182,800    | 218             | 2,539     | N/A          | N/A           | Hot water encountered in oil wells.                                                                  |
| Johannesburg     | Kern           | 35°22'       | 117°38'       | 300        | 116             | 236       | N/A          | N/A           | Less than 5 miles west of the Randsburg KGRA. Data for Magma Power Co. well.                         |
| Kelseyville      | Lake           | 38°59'       | 122°50'       | 2,861      | 64              | 149       | 1,500-1,900  | N/A           | Geothermal greenhouse/teaching facility 5 miles southeast of Kelseyville. Data for well "AG Park" 3. |
| Kings Beach      | Placer         | 39°14'       | 120°02'       | 2,796      | 55              | Spring    | 600          | 371           | Data is for Brockway Hot Springs less than 1 mile to the southeast.                                  |
| La Quinta        | Riverside      | 33°41'       | 116°18'       | 11,950     | 83              | 109       | 290          | N/A           | Data for well 5S/6E-24N2S and located 3 miles north of La Quinta.                                    |
| Lake City        | Modoc          | 41°39'       | 120°13'       | 190        | 160             | 1,508     | 1,370        | N/A           | In the Surprise Valley geothermal area. Data for Magma Energy wells.                                 |
| Lake Elsinore    | Riverside      | 33°40'       | 117°20'       | 19,200     | 54              | 150-180   | 1,514        | 300           | Many wells.                                                                                          |
| Lake Isabella    | Kern           | 35°37'       | 118°29'       | 3,323      | 54              | Springs   | 415          | 420           | Scovern Hot Springs.                                                                                 |

TABLE 4. continued

| City          | County   | Approx. Lat. | Approx. Long. | Population | Res. Temp. (°C) | Depth (m) | Flow (L/min) | TDS (mg/L)    | Remarks                                                                                                |
|---------------|----------|--------------|---------------|------------|-----------------|-----------|--------------|---------------|--------------------------------------------------------------------------------------------------------|
| Lee Vining    | Mono     | 37°58'       | 119°07'       | 900        | 54              | 1,220     | N/A          | N/A           | The Mono Basin area.                                                                                   |
| Litchfield    | Lassen   | 40°23'       | 120°23'       | 350        | 79              | 434       | 3,956        | N/A           | Litchfield geothermal field. Operating geothermal district heating system. Data for well "Johnston" 1. |
| Lower Lake    | Lake     | 38°55'       | 122°36'       | 1,217      | 52              | Spring    | 50           | 1,600         | The Clear Lake geothermal region, north of The Geysers. Data is for Seigler Springs.                   |
| Loyalton      | Sierra   | 39°40'       | 120°14'       | 930        | 51              | 122       | 20           | N/A           | The Sierra Valley geothermal area.                                                                     |
| Mammoth Lakes | Mono     | 37°39'       | 118°58'       | 4,900      | 79              | 664       | N/A          | N/A           | Geothermal district heating system currently being studied. Data for well "Ohwell" 1.                  |
| Markleeville  | Alpine   | 38°42'       | 119°47'       | 100        | 64              | Springs   | 400          | 1,720         | Grovers Hot Springs.                                                                                   |
| Middletown    | Lake     | 38°45'       | 122°37'       | 2,000      | 73              | Springs   | 250          | 400           | At the southeast of The Geysers geothermal field. Data for Castle Hot Springs.                         |
| Newport Beach | Orange   | 33°37'       | 117°56'       | 67,300     | 218             | 2,777     | N/A          | N/A           | Huntington Beach area where hot water is encountered in oil wells.                                     |
| Niland        | Imperial | 33°14'       | 115°31'       | 1,183      | 230-310         | 915-1,830 | 1,500-18,000 | up to 300,000 | The Salton Sea geothermal field.                                                                       |
| Ojai          | Ventura  | 34°27'       | 119°14'       | 7,650      | 51              | Springs   | 27 +         | 1,110         | Vickers Hot Springs and Stingleys Hot Springs are approximately 5 miles northwest of Ojai.             |

TABLE 4. continued

| City             | County          | Approx. Lat. | Approx. Long. | Population | Res. Temp. (°C) | Depth (m) | Flow (L/min) | TDS (mg/L) | Remarks                                                                                               |
|------------------|-----------------|--------------|---------------|------------|-----------------|-----------|--------------|------------|-------------------------------------------------------------------------------------------------------|
| Palm Desert      | Riverside       | 33°43'       | 116°23'       | 23,750     | 83              | 109       | 290          | N/A        | Data is for well 5S/6E-24N2S. Located 4 miles east of Palm Desert.                                    |
| Randsburg        | Kern            | 35°22'       | 117°39'       | 280        | 116             | 236       | N/A          | N/A        | Less than 5 miles west of the Randsburg KGRA. Data for Magma Power Co. well.                          |
| Red Mountain     | San Bernardino  | 35°21'       | 117°36'       | 200        | 116             | 236       | N/A          | N/A        | Less than 5 miles west of the Randsburg KGRA. Data for Magma Power Co. well.                          |
| San Bernardino   | San Bernardino  | 34°07'       | 117°18'       | 171,600    | 58              | 284       | N/A          | N/A        | The City of San Bernardino has established a geothermal heating district using 58°C water from wells. |
| San Luis Obispo  | San Luis Obispo | 35°17'       | 120°39'       | 42,600     | 57              | 14        | N/A          | 815        | Ontario Hot Springs (well) approximately 6 miles south of San Luis Obispo.                            |
| Susanville       | Lassen          | 40°25'       | 120°39'       | 7,325      | 79              | 283       | 1,325        | N/A        | Operating geothermal district heating system. Data is for City of Susanville well "Susan" 1.          |
| Temecula         | Riverside       | 33°29'       | 117°09'       | 27,400     | 56              | Springs   | 285          | 750        | Lake Elsinore geothermal area. Data for Murrieta Hot Springs.                                         |
| Trona            | San Bernardino  | 35°46'       | 117°22'       | 1,400      | 58              | 183       | N/A          | 53,900     | Data for well 24S/43E-9P1 M approximately 6 miles north of Trona in Inyo County.                      |
| Twentynine Palms | San Bernardino  | 34°08'       | 116°03'       | 11,950     | 71              | 122       | N/A          | 1,000      | At least half a dozen known hot water wells (50° to 70°C) near Twentynine Palms.                      |
| Warner Springs   | San Diego       | 33°17'       | 116°38'       | 30         | 56              | Springs   | 500          | 244        | About a dozen springs/wells in creek bed.                                                             |

TABLE 4. continued

| City        | County    | Approx.<br>Lat. | Approx.<br>Long. | Population | Res. Temp.<br>(°C) | Depth<br>(m) | Flow<br>(L/min) | TDS<br>(mg/L) | Remarks                                                       |
|-------------|-----------|-----------------|------------------|------------|--------------------|--------------|-----------------|---------------|---------------------------------------------------------------|
| Westmorland | Imperial  | 33°02'          | 115°37'          | 1,400      | N/A                | N/A          | N/A             | N/A           | Westmorland geothermal area, Imperial Valley.                 |
| Widomar     | Riverside | 33°36'          | 117°16'          | 10,411     | 52                 | Springs      | N/A             | 300           | Lake Elsinore geothermal area. Data for Elsinore Hot Springs. |
| Winchester  | Riverside | 33°42'          | 117°05'          | 1,689      | 49                 | 20           | N/A             | 2,260         | Several warm water wells in area.                             |

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# APPENDIX A

## CALIFORNIA STANDARD COUNTY NAME ABBREVIATIONS

| ALPHA<br>CODE | COUNTY<br>NAME  |
|---------------|-----------------|
| ALA           | Alameda         |
| ALP           | Alpine          |
| AMA           | Amador          |
| BUT           | Butte           |
| CAL           | Calaveras       |
| CCA           | Contra Costa    |
| COL           | Colusa          |
| DNT           | Del Norte       |
| ELD           | El Dorado       |
| FRE           | Fresno          |
| GLE           | Glenn           |
| HUM           | Humboldt        |
| IMP           | Imperial        |
| INY           | Inyo            |
| KNG           | Kings           |
| KRN           | Kern            |
| LAK           | Lake            |
| LAS           | Lassen          |
| LAX           | Los Angeles     |
| MAD           | Madera          |
| MAR           | Marin           |
| MEN           | Mendocino       |
| MER           | Merced          |
| MNT           | Monterey        |
| MOD           | Modoc           |
| MON           | Mono            |
| MPA           | Mariposa        |
| NAP           | Napa            |
| NEV           | Nevada          |
| ORA           | Orange          |
| PLA           | Placer          |
| PLU           | Plumas          |
| RIV           | Riverside       |
| SAC           | Sacramento      |
| SBA           | Santa Barbara   |
| SBD           | San Bernardino  |
| SBT           | San Benito      |
| SCL           | Santa Clara     |
| SCR           | Santa Cruz      |
| SDG           | San Diego       |
| SFO           | San Francisco   |
| SHA           | Shasta          |
| SIE           | Sierra          |
| SIS           | Siskiyou        |
| SJQ           | San Joaquin     |
| SLO           | San Luis Obispo |
| SMT           | San Mateo       |
| SOL           | Solano          |
| SON           | Sonoma          |
| STA           | Stanislaus      |
| SUT           | Sutter          |
| TEH           | Tehama          |
| TRI           | Trinity         |
| TUL           | Tulare          |
| TUO           | Tuolumne        |
| VEN           | Ventura         |
| YOL           | Yolo            |
| YUB           | Yuba            |



APPENDIX B

BOUNDARIES OF THE CALIFORNIA  
KNOWN GEOTHERMAL RESOURCE AREAS (K.G.R.A.)  
EXPRESSED IN LATITUDE, LONGITUDE COORDINATES



BOUNDARIES OF THE CALIFORNIA  
KNOWN GEOTHERMAL RESOURCE AREAS (K.G.R.A.)  
EXPRESSED IN LATITUDE, LONGITUDE COORDINATES

1994

by Leslie G. Youngs

INTRODUCTION

The Department of Conservation, Division of Mines and Geology (DMG) has digitized the boundaries of the nineteen Known Geothermal Resource Areas (K.G.R.A.) of California as coordinates of latitude, longitude. The data can be used to generate polygons representing the boundaries of the K.G.R.A.'s on small scale maps. Sets of the coordinate pairs that were digitized around the mapped boundary for each K.G.R.A. are in separate ASCII character files as well as LOTUS 123 worksheet files. The files are on the enclosed personal computer diskette. The names of the files as well as the names of the maps from which the boundaries were digitized are listed in Table 1.

METHOD

The Bureau of Land Management (BLM) supplied the legal descriptions as well as maps at various scales of the boundaries of the K.G.R.A.'s in California (Bureau of Land Management, 1988). The boundaries were manually transferred to U.S.G.S. and BLM published paper maps generally at 1:100,000 scale. The boundary lines were then traced on a digitizing tablet in the clockwise direction around each polygon using the U.S.G.S. computer software GSDIG (Selner and others, 1990). At a minimum, points (coordinate pairs of latitude, longitude) were

recorded at each section corner around each K.G.R.A. boundary. Additional points were recorded where the boundary side of a section was not a straight line, where partial sections comprised portions of a boundary, and where other features such as lake shores comprised part of a K.G.R.A. boundary. The files were edited using the LOTUS 123 spreadsheet software. The enclosed personal computer diskette contains both the ASCII character file with file extension name .PRN and the LOTUS 123 worksheet file with file extension name .WK1 of coordinates for each K.G.R.A. boundary. Note that the first coordinate pair of latitude, longitude recorded for each boundary was copied to the end of each file to complete closure of the polygon. Intergraph MicroStation software was used to generate the K.G.R.A. boundary polygons from the digitized data. The plots of the California K.G.R.A. boundary polygons are shown on pages 5-23.

Inquires concerning the availability of the K.G.R.A. boundary data files or other related comments should be made to:

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Department of Conservation  
Division of Mines and Geology  
801 K Street, MS 08-38  
Sacramento, CA 95814-3531  
Phone (916)322-8078

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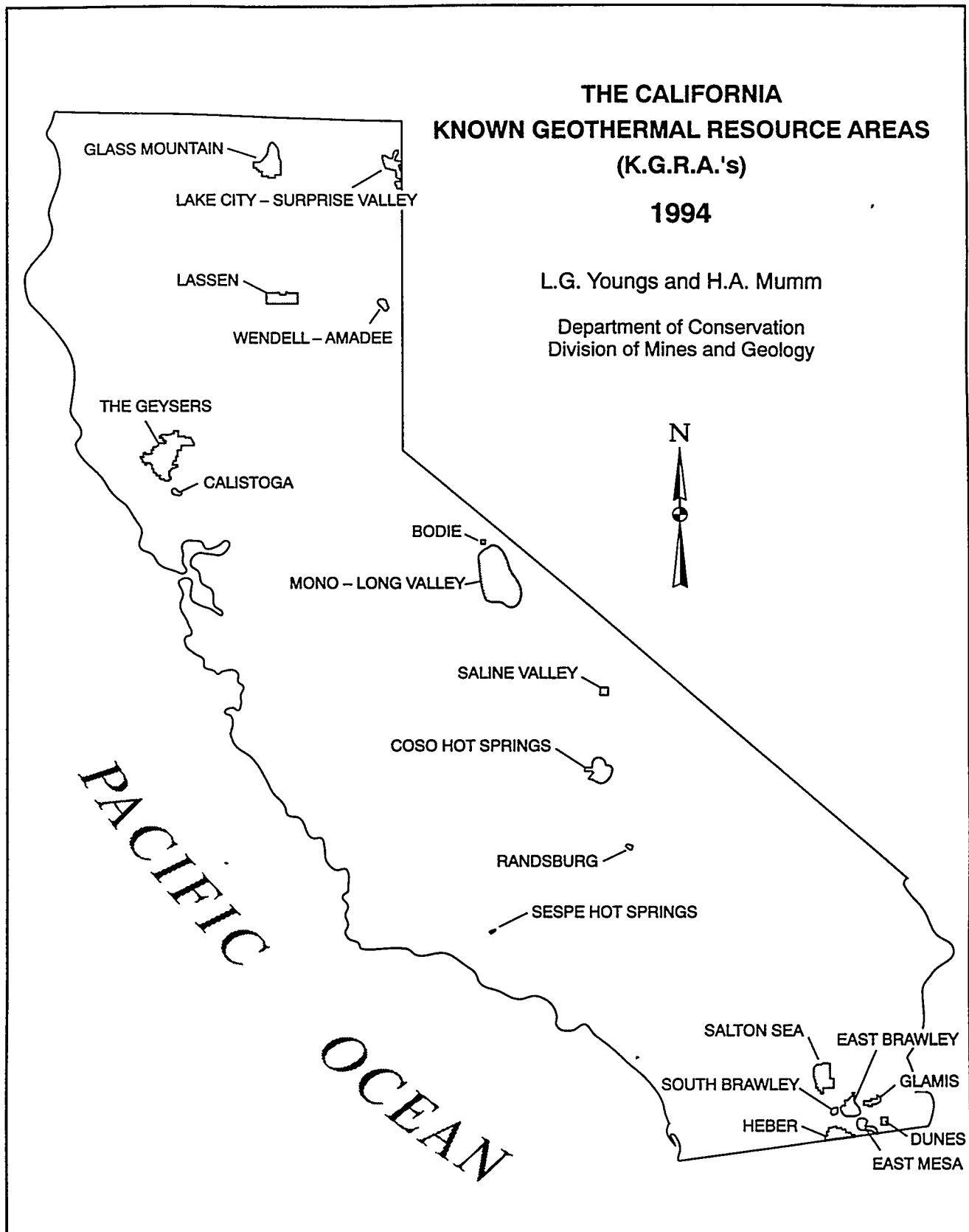
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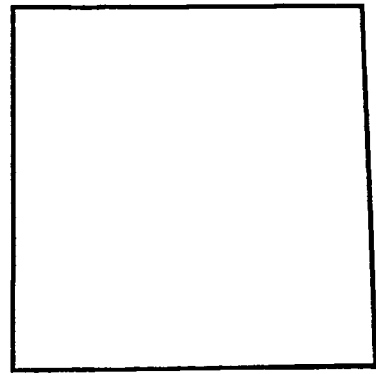
**TABLE 1. California K.G.R.A. boundary file names and the names of the maps from which the boundaries were digitized.**

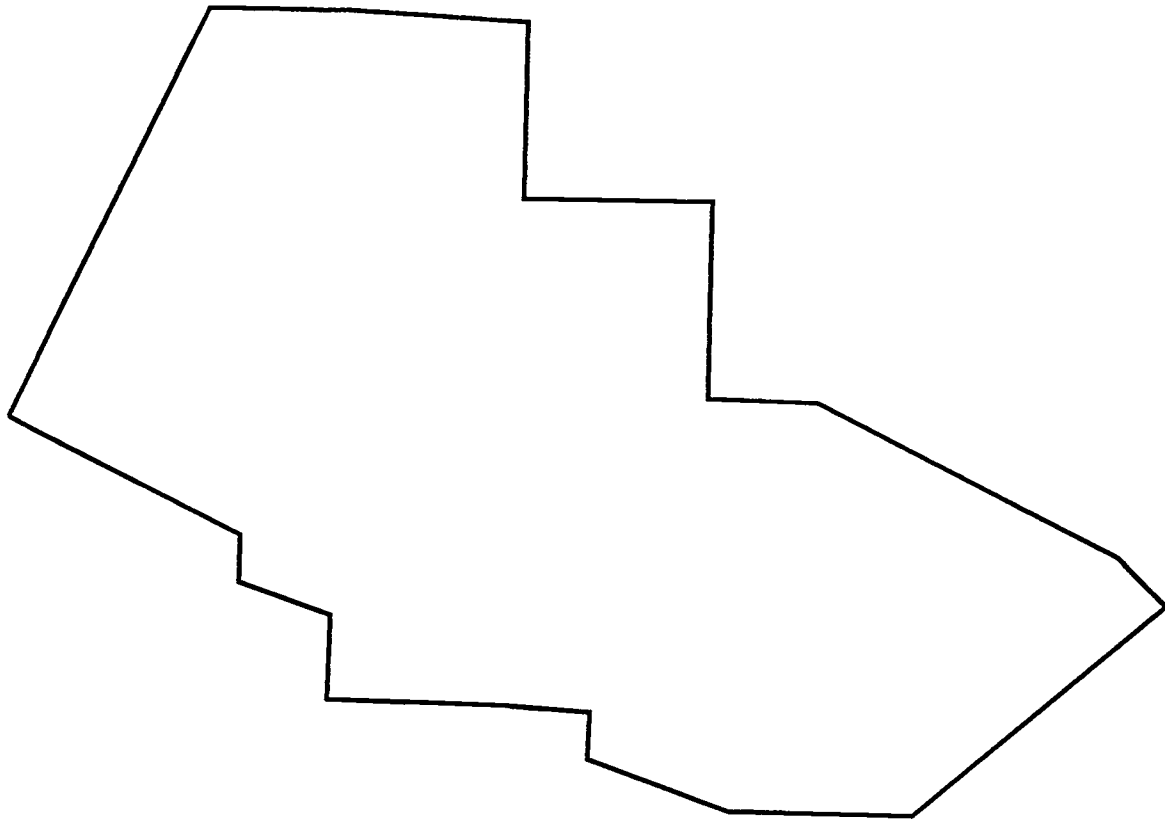
| K.G.R.A.           | FILE NAME    | RECORDS | MAP SCALE | MAP NAME                                                    | SOURCE      |
|--------------------|--------------|---------|-----------|-------------------------------------------------------------|-------------|
| Bodie              | BODIE.PRN    | 5       | 1:65,000  | Bodie                                                       | USGS        |
| Calistoga          | CALISTOG.PRN | 25      | 1:24,000  | Calistoga & Mark West Springs                               | USGS        |
| Coso Hot Springs   | COSOHOT.PRN  | 76      | 1:100,000 | Darwin Hills & Ridgecrest                                   | BLM         |
| Dunes              | DUNES.PRN    | 14      | 1:24,000  | Glamis S.E. & Cactus                                        | USGS        |
| East Brawley       | EBRAWLEY.PRN | 62      | 1:100,000 | Salton Sea & El Centro                                      | BLM         |
| East Mesa          | EASTMESA.PRN | 62      | 1:100,000 | El Centro                                                   | BLM         |
| The Geysers        | GEYSERS.PRN  | 173     | 1:100,000 | Lakeport, Healdsburg, & Point Arena                         | BLM<br>USGS |
| Glamis             | GLAMIS.PRN   | 35      | 1:100,000 | Salton Sea & El Centro                                      | BLM         |
| Glass Mountain     | GLASSMTN.PRN | 85      | 1:100,000 | Tulelake & McArthur                                         | USGS        |
| Heber              | HEBER.PRN    | 63      | 1:100,000 | El Centro                                                   | BLM         |
| Lake City-Surprise | LAKECTY1.PRN | 143     | 1:100,000 | Cedarville & Alturas                                        | BLM         |
| Valley             | LAKECTY2.PRN | 64      | 1:100,000 | Alturas                                                     | BLM         |
| Lassen             | LASSEN.PRN   | 74      | 1:100,000 | Lake Almanor                                                | BLM         |
| Mono-Long Valley   | MONOLONG.PRN | 136     | 1:100,000 | Yosemite Valley, Benton Range, Bridgeport, & Excelsior Mts. | BLM<br>USGS |
| Randsburg          | RANDBUR.PRN  | 27      | 1:100,000 | Cuddeback Lake                                              | BLM         |
| Saline Valley      | SALINVLV.PRN | 11      | 1:100,000 | Saline Valley                                               | USGS        |
| Salton Sea         | SALTON.PRN   | 60      | 1:100,000 | Salton Sea                                                  | BLM         |
| Sespe Hot Springs  | SESPEHOT.PRN | 15      | 1:24,000  | Topatopa Mountains & Devils Heart Peak                      | USGS        |
| South Brawley      | SBRAWLEY.PRN | 25      | 1:100,000 | El Centro                                                   | BLM         |
| Wendel-Amedee      | WENAMDEE.PRN | 26      | 1:100,000 | Susanville                                                  | BLM         |

FIGURE 1

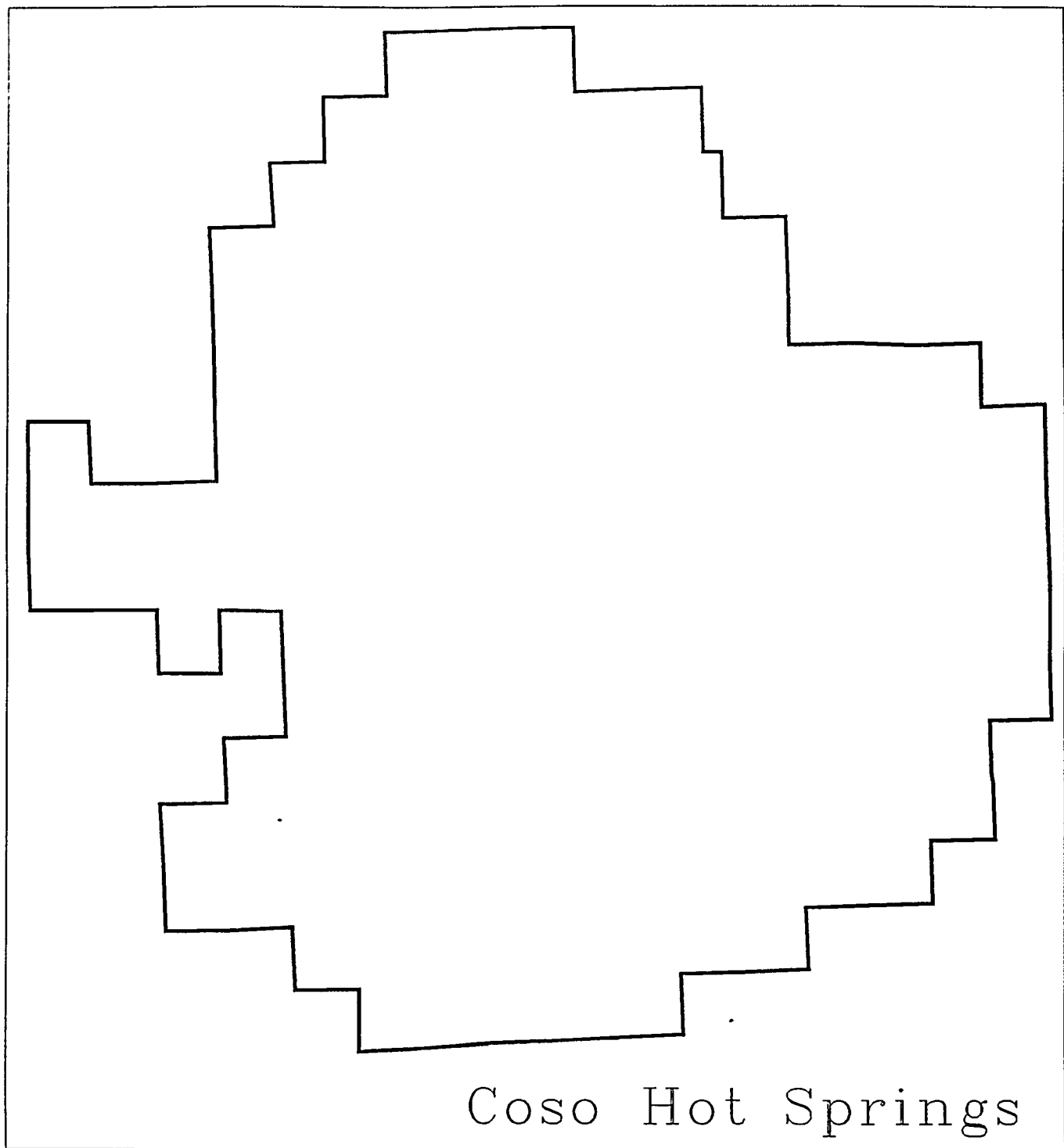


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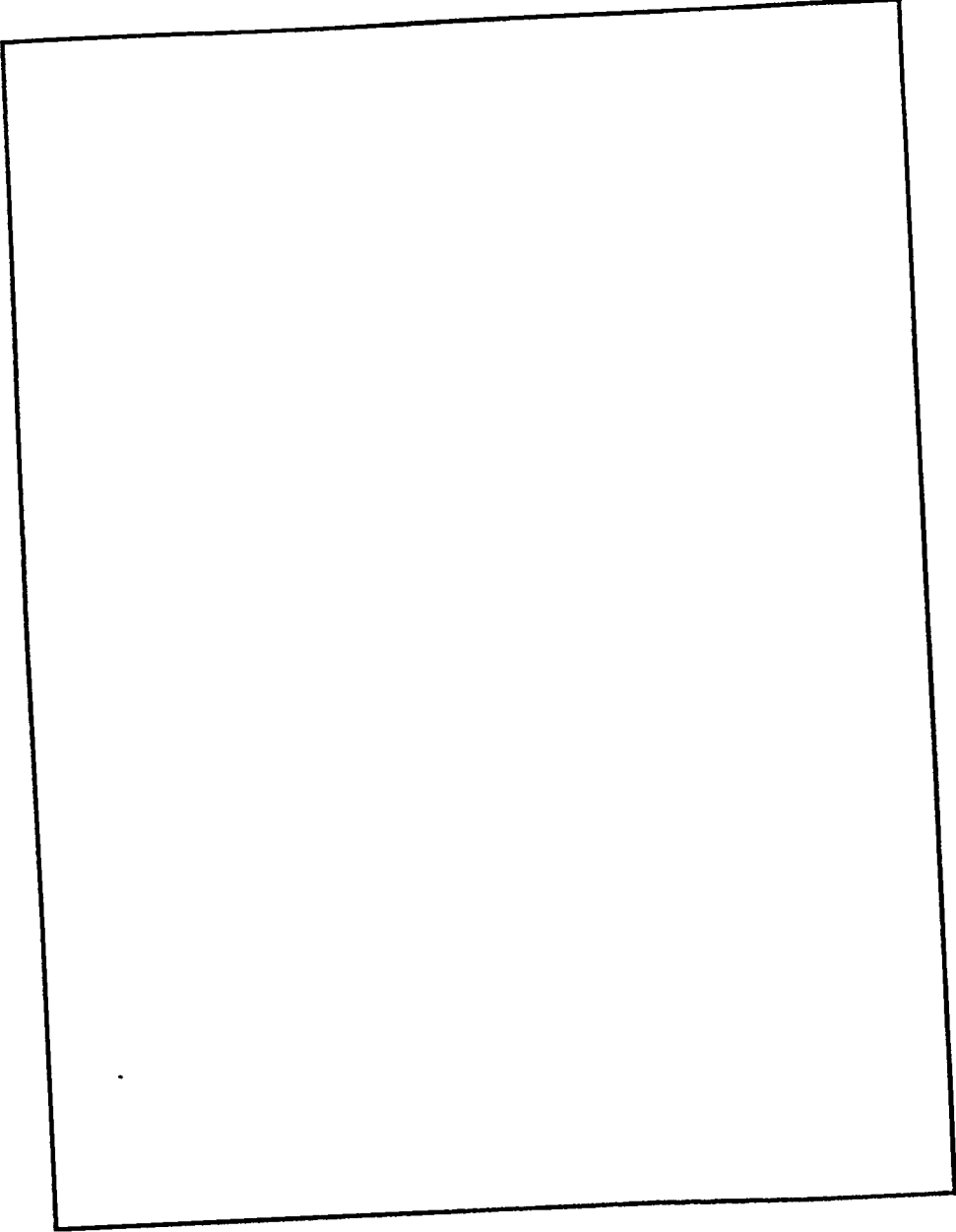




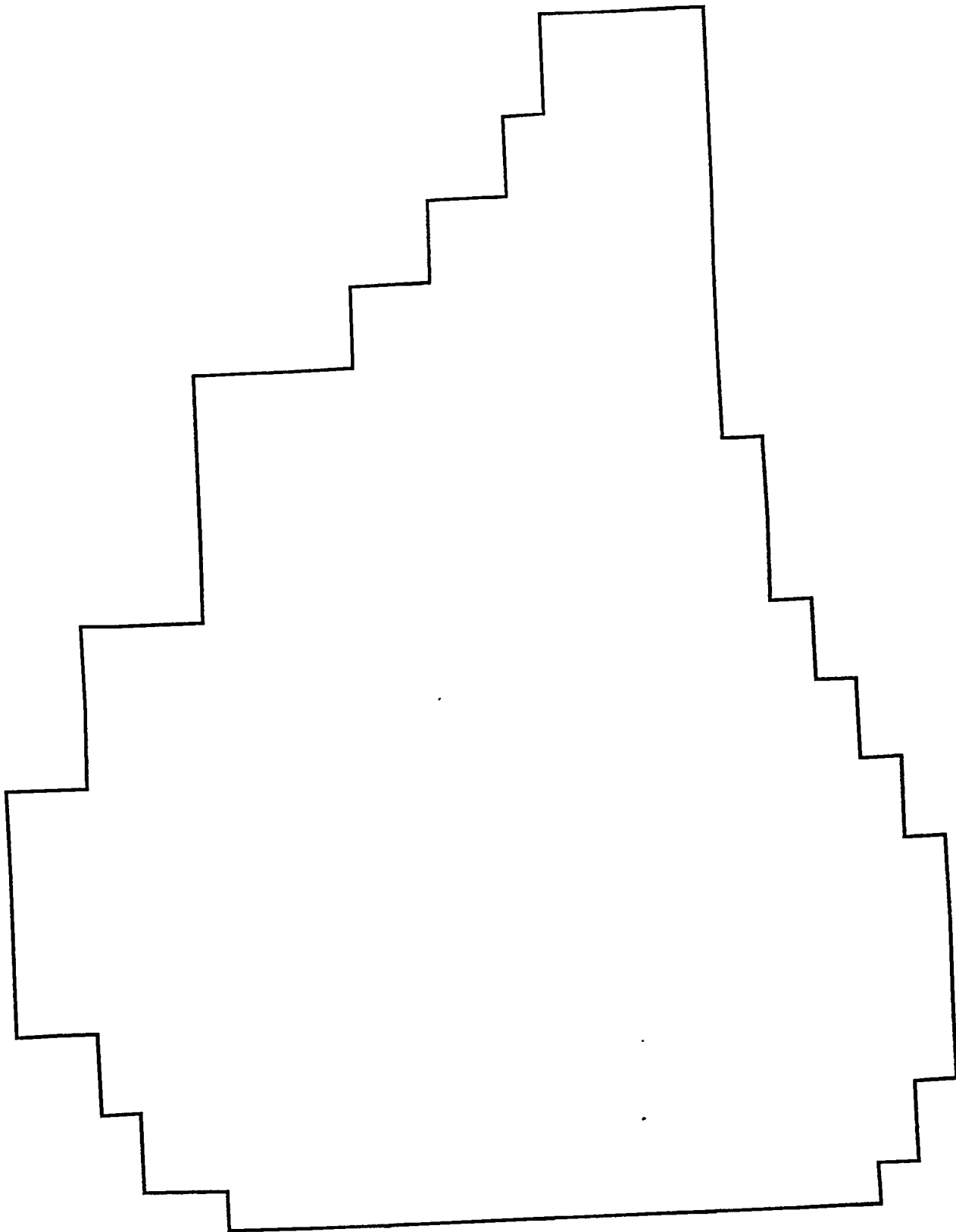
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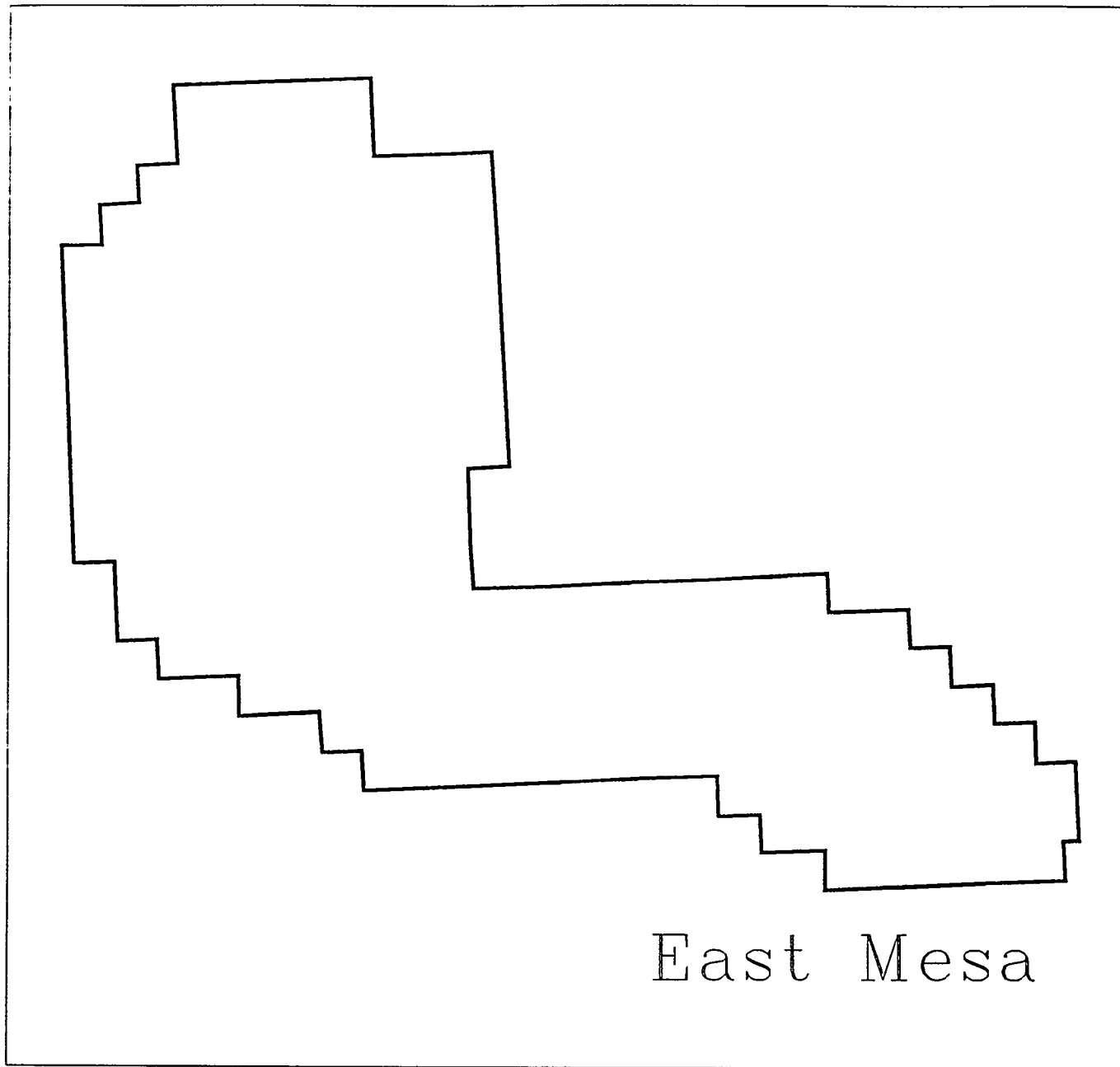
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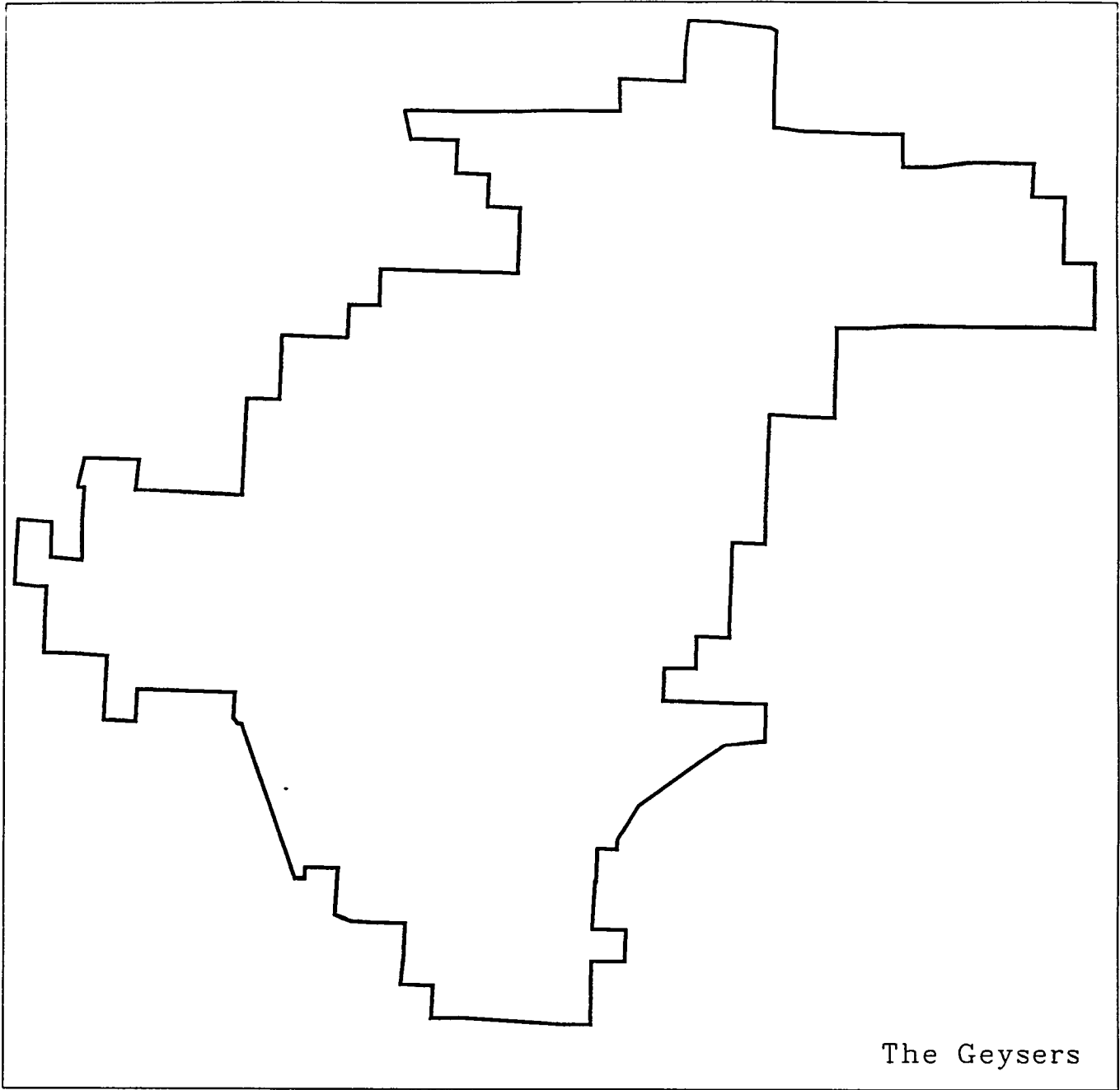
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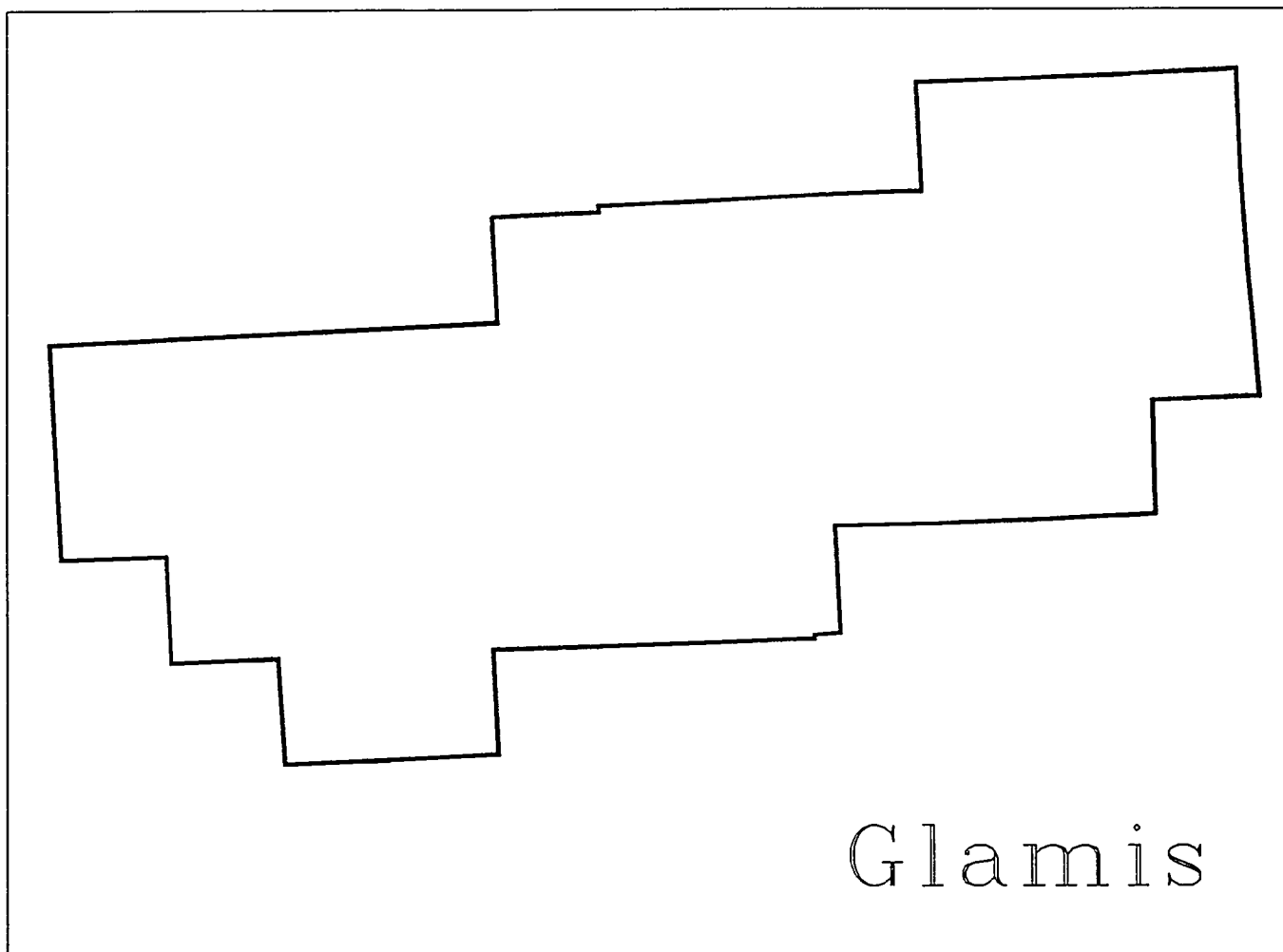
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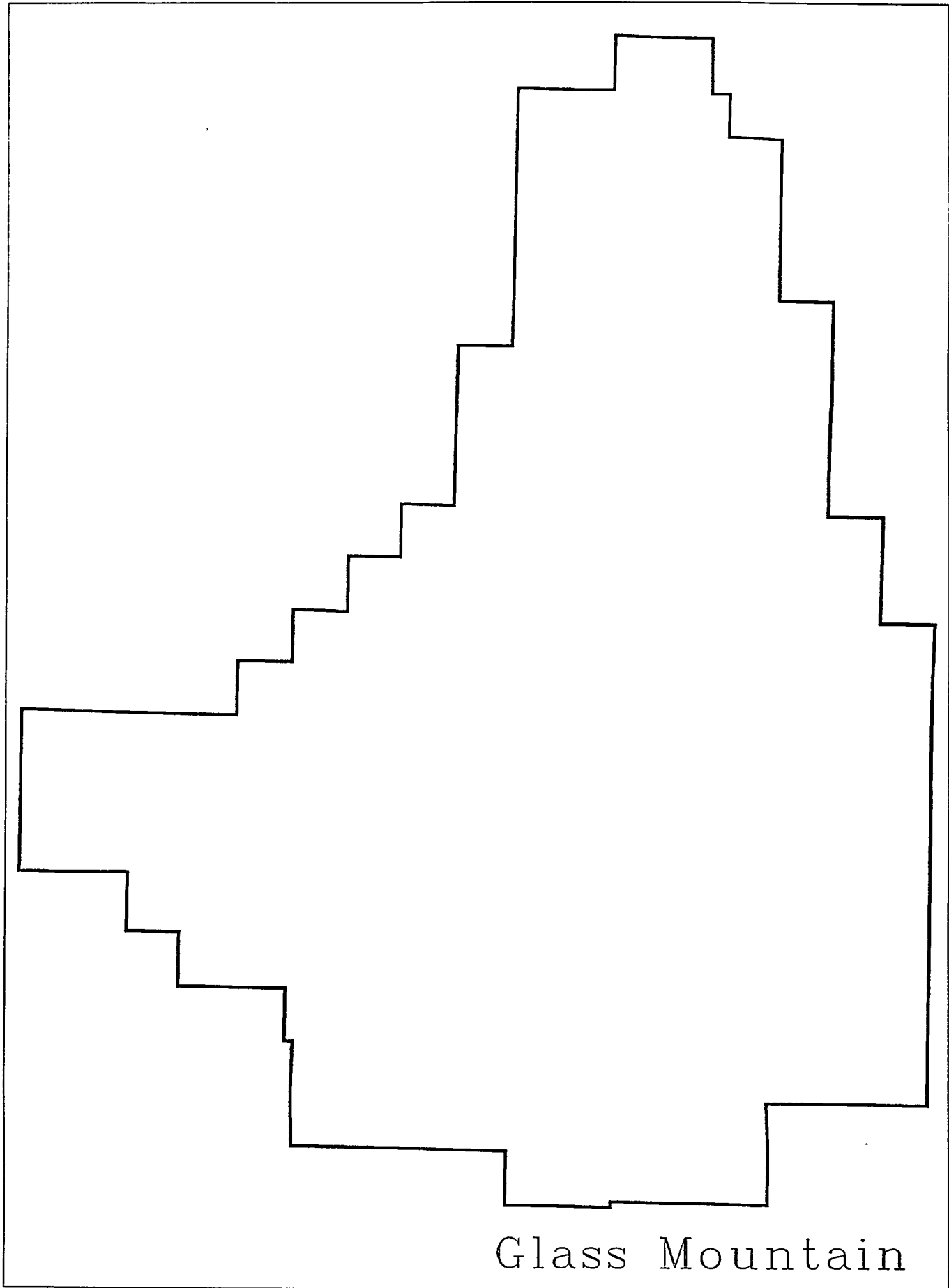
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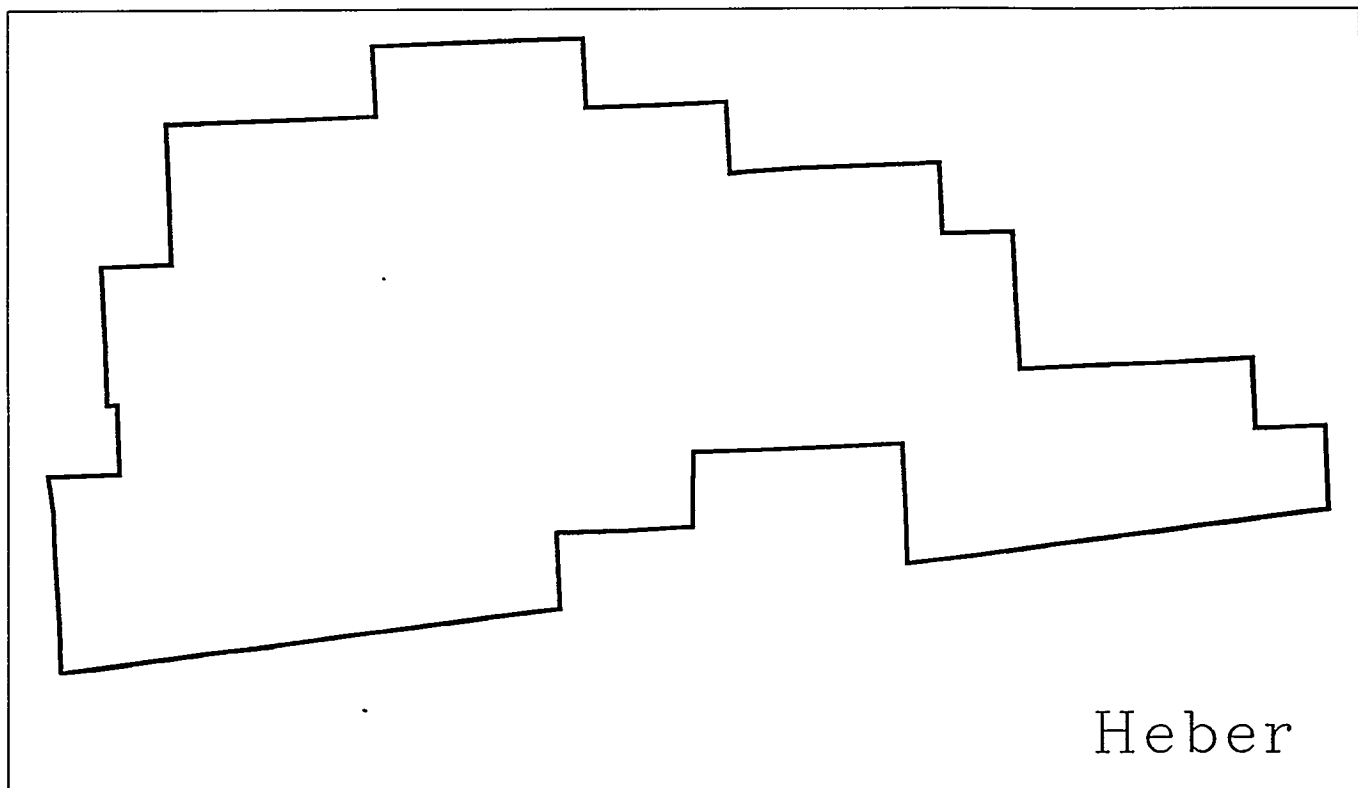


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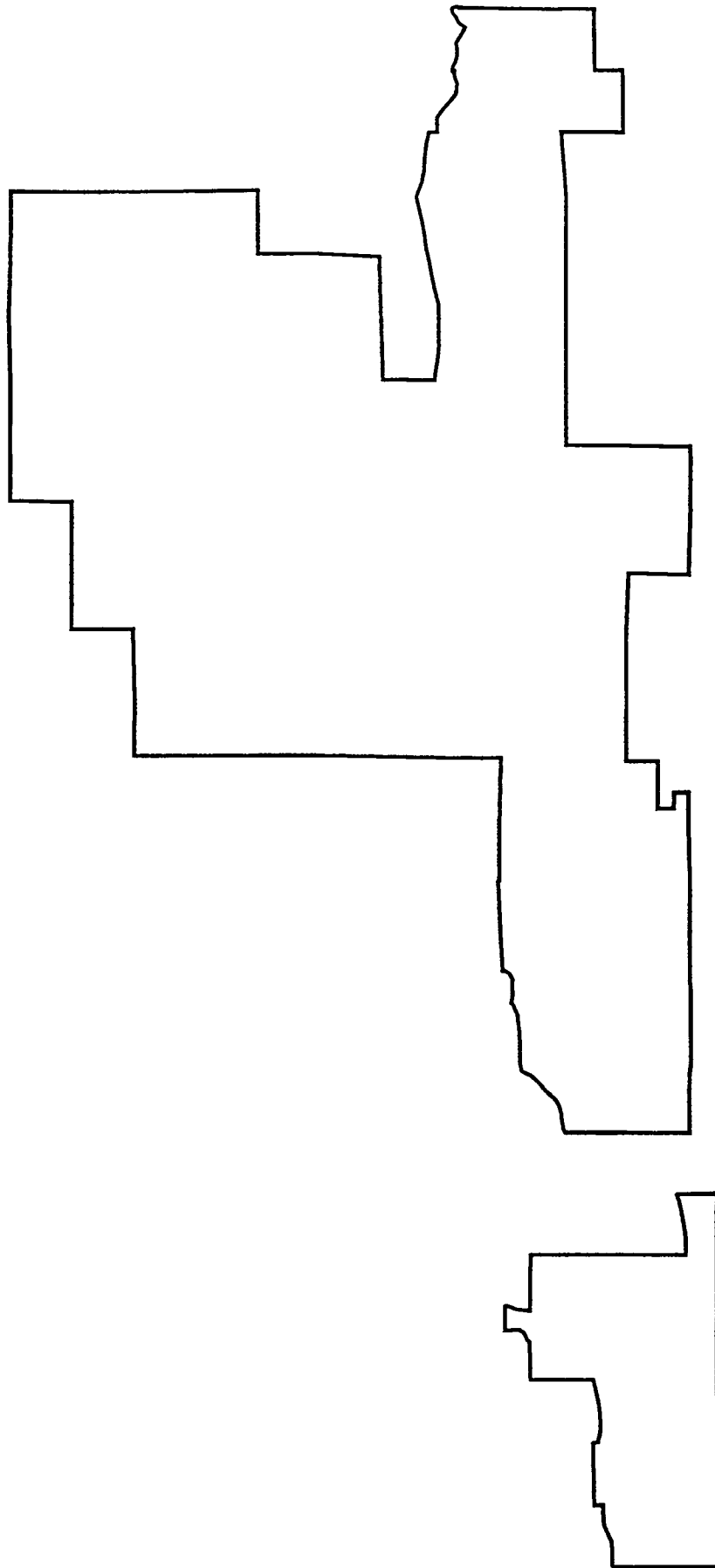


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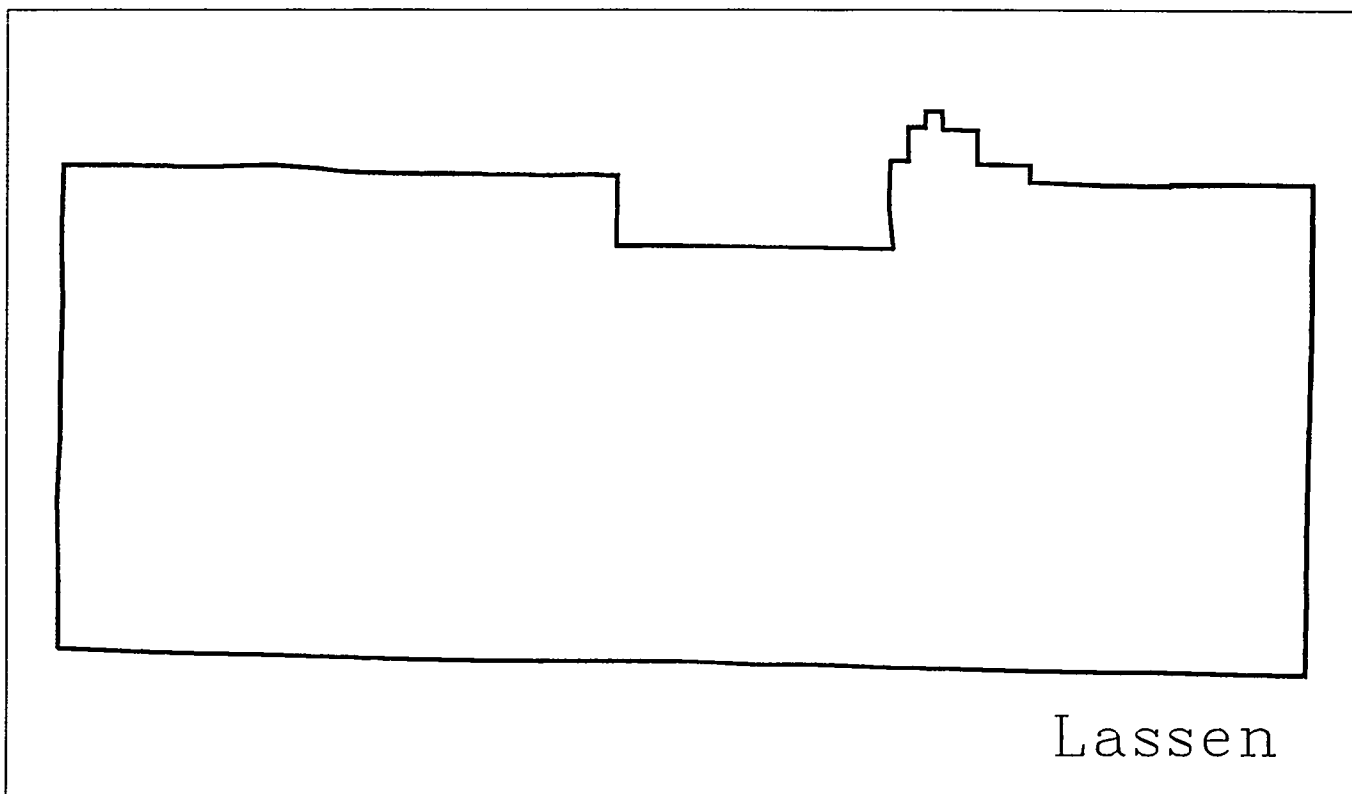
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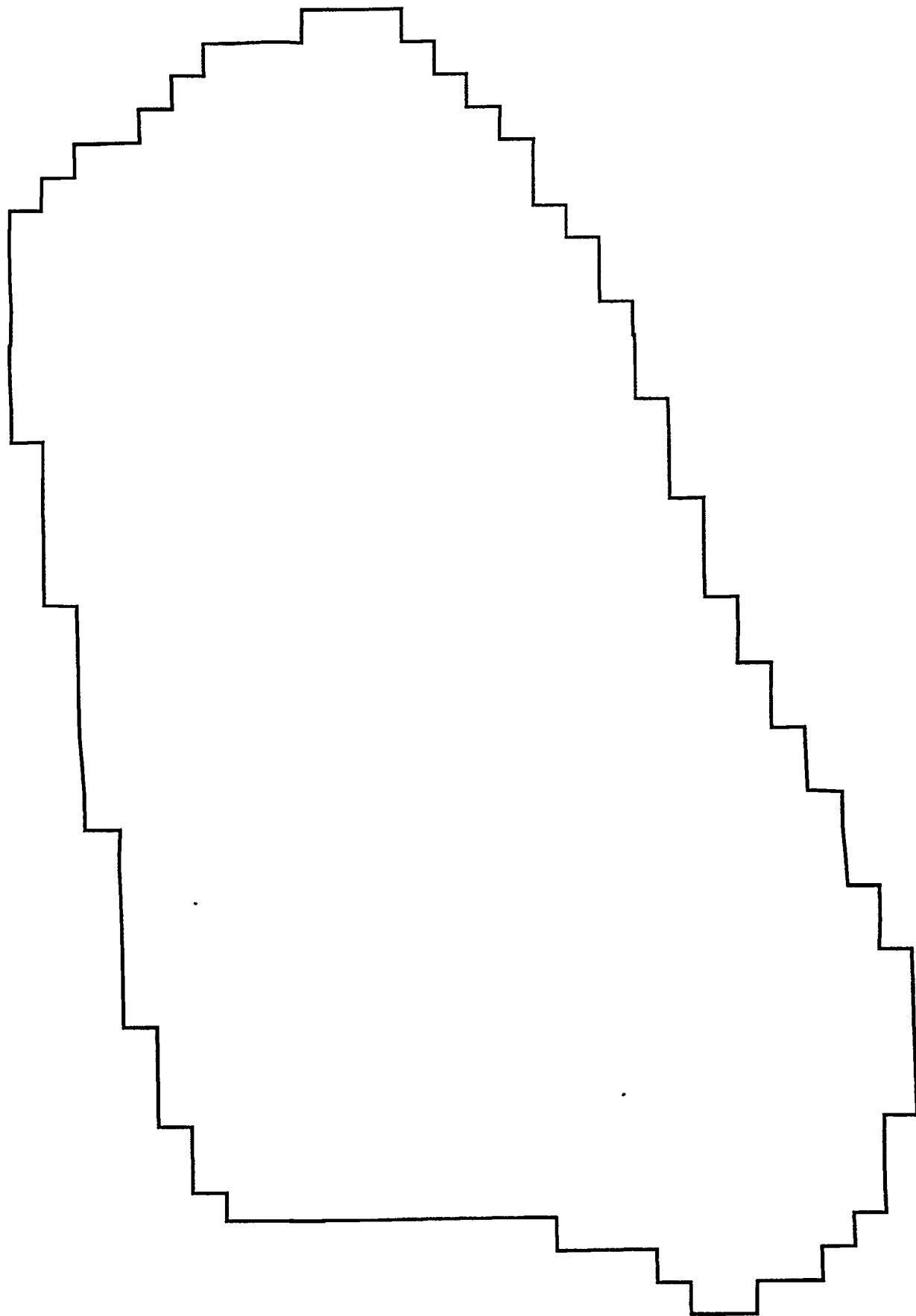
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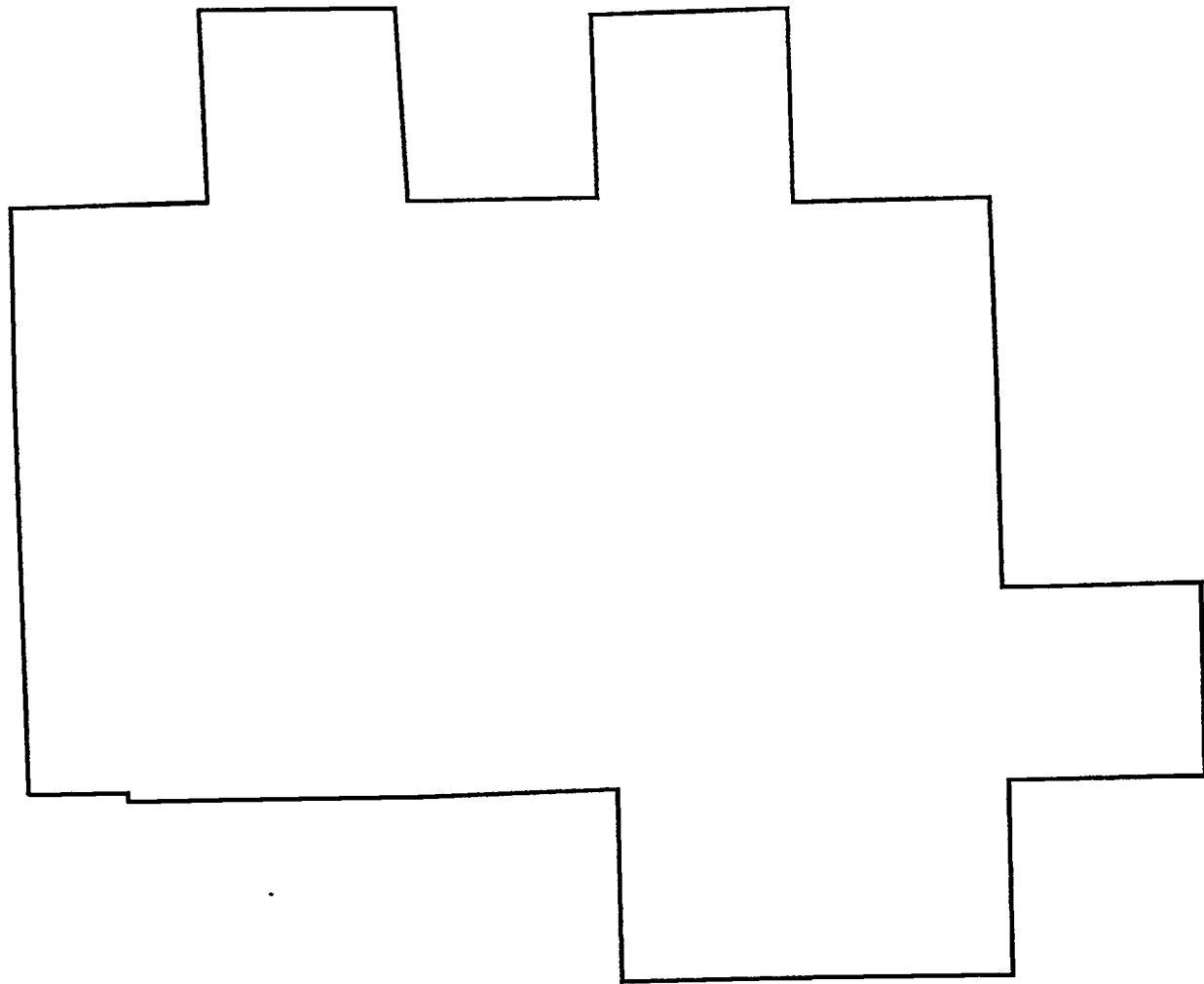
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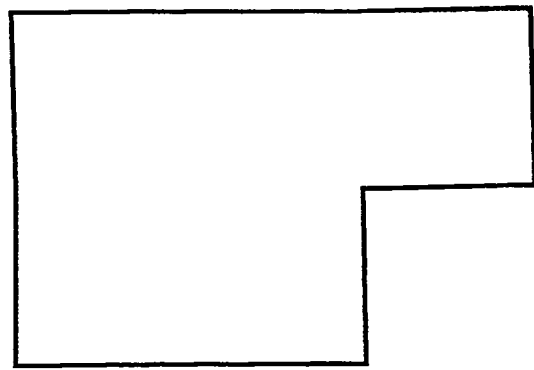
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Mono-Long Valley

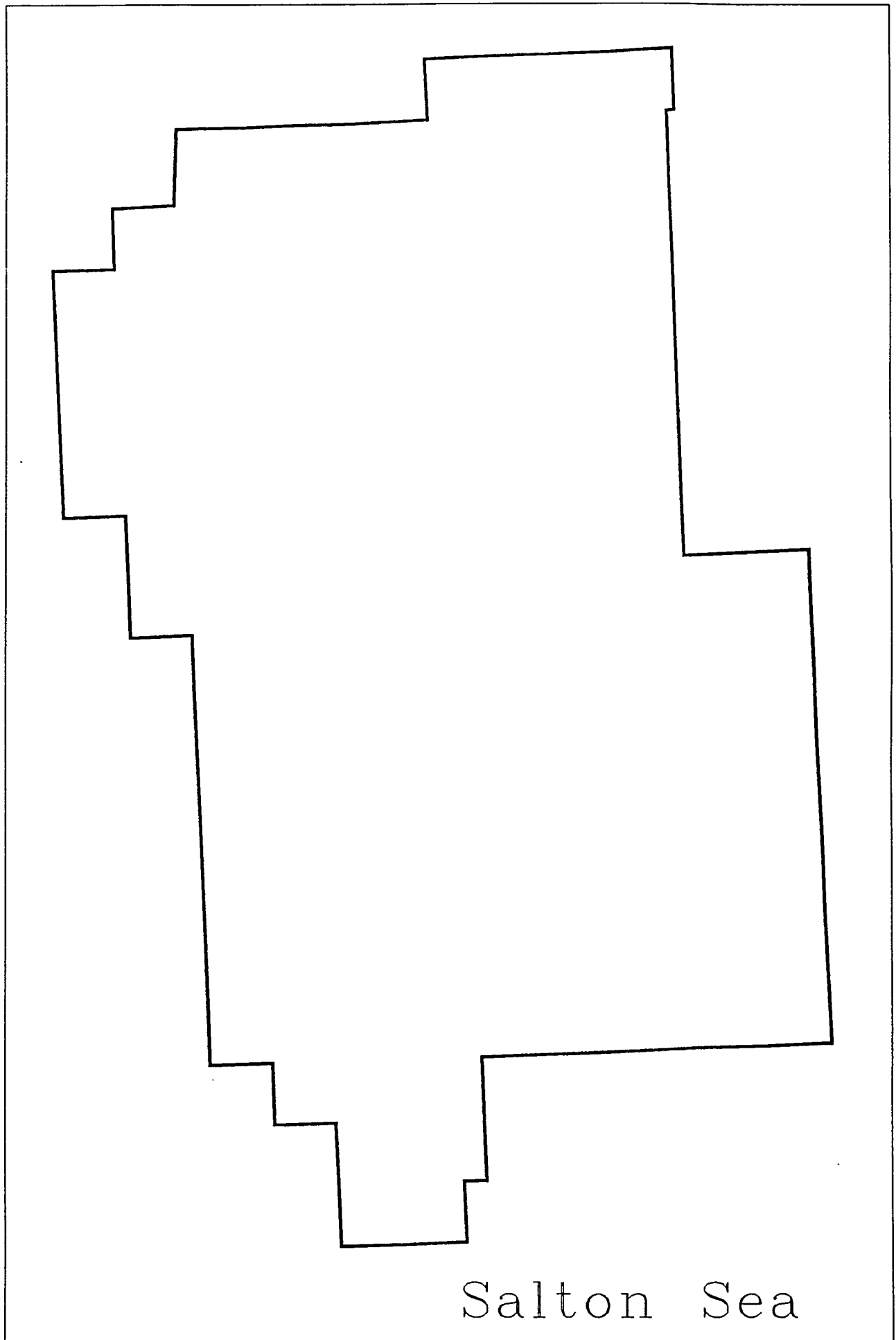


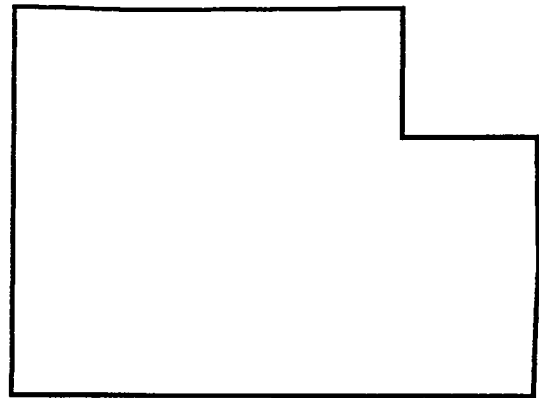
Randsburg



Saline Valley

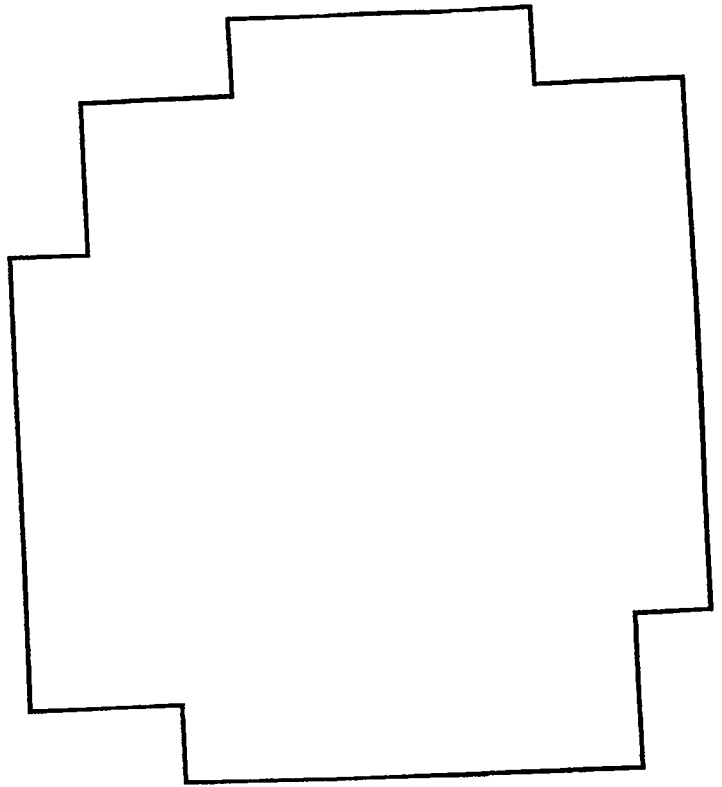
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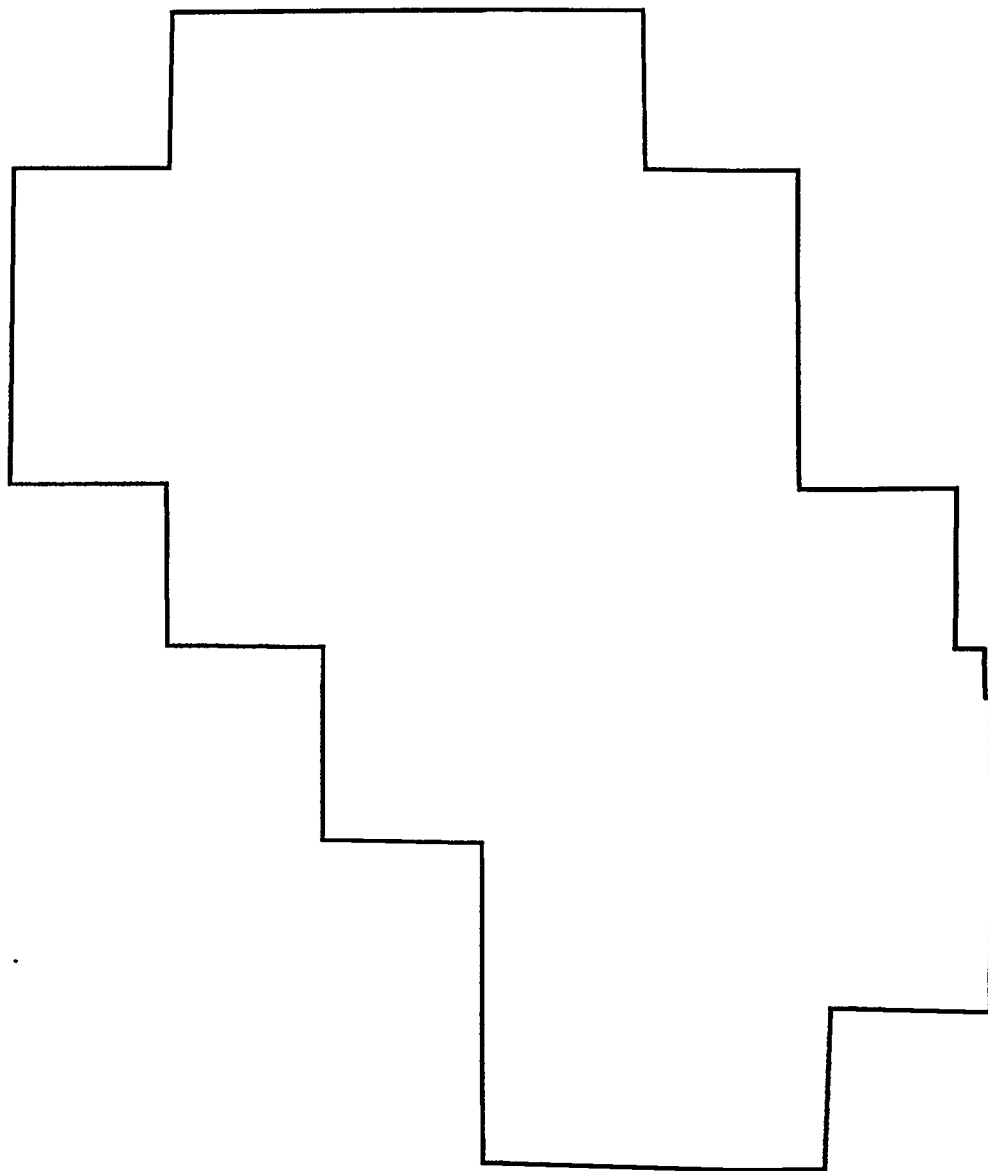


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South Brawley

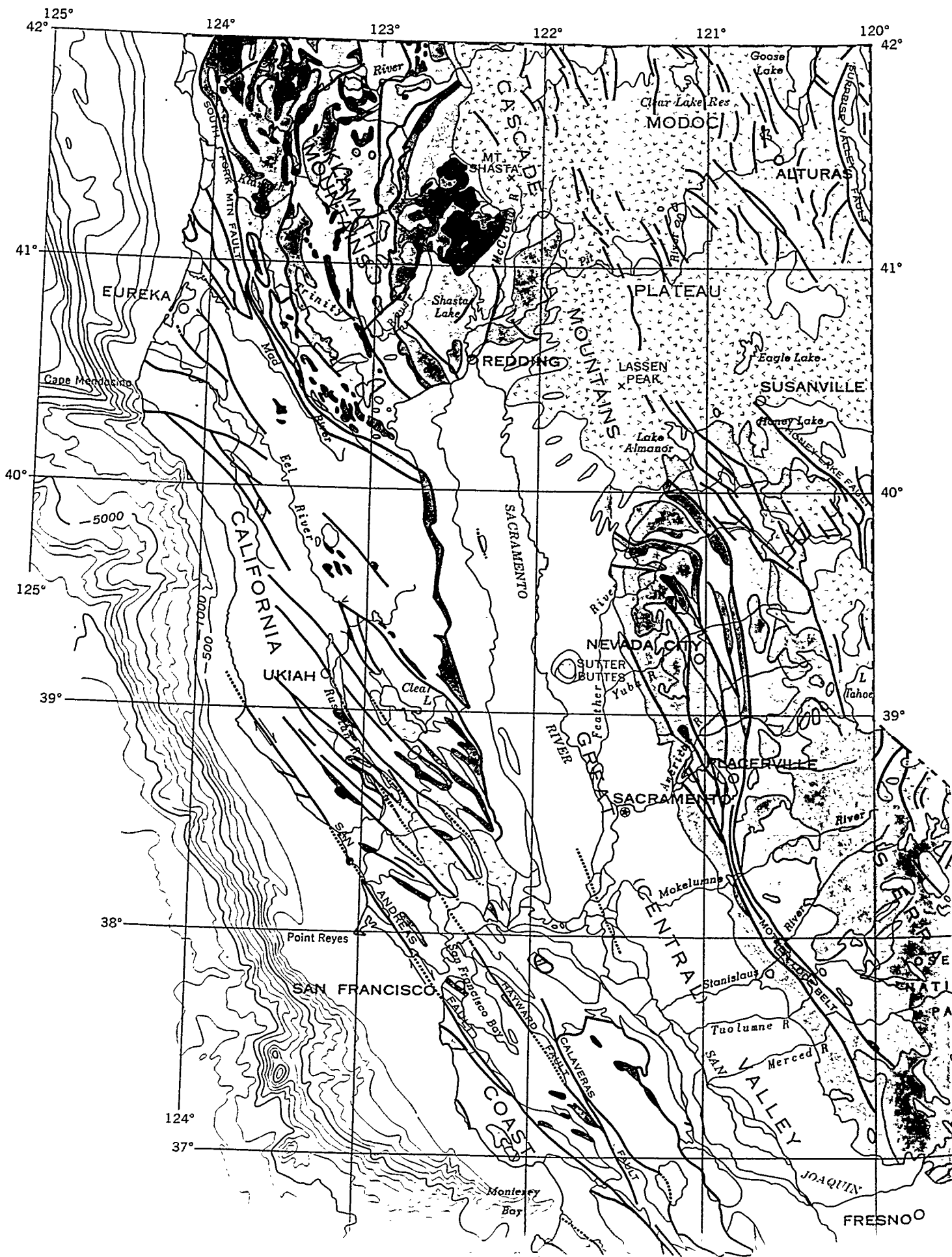


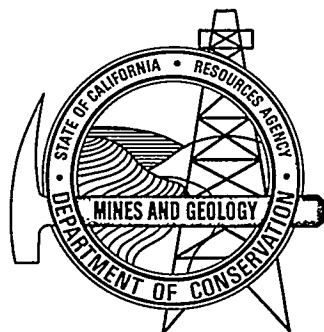
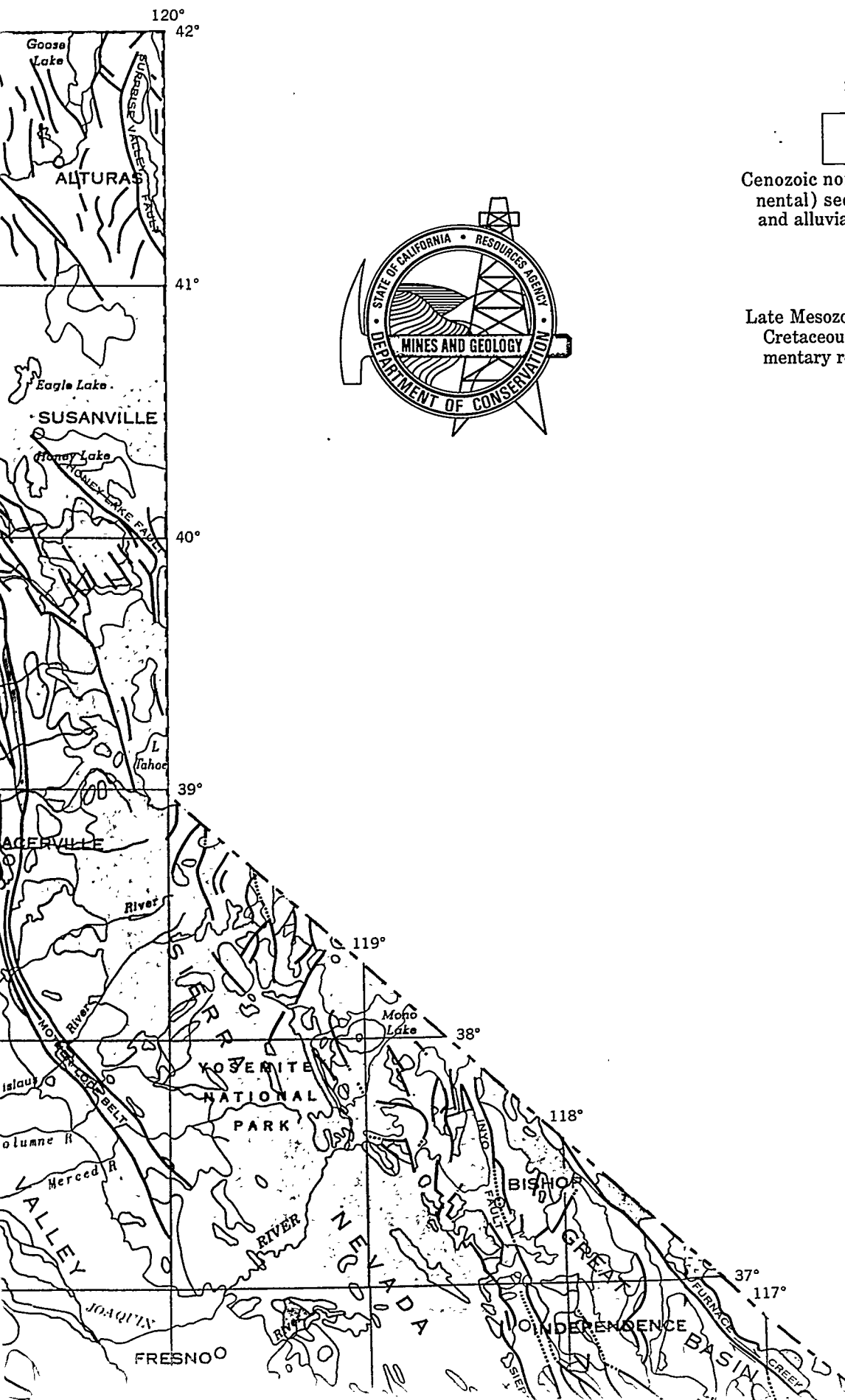
Wendel - Amedee

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CALIFORNIA DIVISION OF MINES AND GEOLOGY  
IAN CAMPBELL, STATE GEOLOGIST



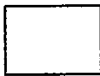


## EXPLANATION

### SEDIMENTARY AND VOLCANIC

 Cenozoic nonmarine (continental) sedimentary rocks and alluvial deposits

 Cenozoic marine sedimentary rocks

 Late Mesozoic (latest Jurassic and Cretaceous) shelf and slope sedimentary rocks

 Late Mesozoic Cretaceous of the Fr

 Mesozoic sedimentary and volcanic older than the Nevadan orogeny; strongly metamorphosed

 Paleozoic sedimentary and volcanic places strongly metamorphosed; some rocks of Triassic age in Klamath mountains; includes some late Precambrian rocks in Great Basin

 Precambrian rocks of all types including coarse-grained intrusives

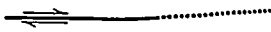
 Pre-Cenozoic metamorphic rocks of unknown age

### INTRUSIVE IGNEOUS ROCKS

 Granitic rocks chiefly of Mesozoic age

 Ultramafic rocks chiefly of Mesozoic age

 Contact

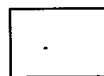
 Fault, dotted where concealed; includes low-angle faults; arrows indicate direction of relative movement on strike-slip faults

## EXPLANATION

### SEDIMENTARY AND VOLCANIC ROCKS



Cenozoic nonmarine (continental) sedimentary rocks and alluvial deposits



Cenozoic marine sedimentary rocks



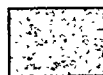
Cenozoic volcanic rocks



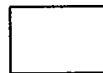
Late Mesozoic (latest Jurassic and Cretaceous) shelf and slope sedimentary rocks



Late Mesozoic (latest Jurassic and Cretaceous) eugeosynclinal rocks of the Franciscan Formation



Mesozoic sedimentary and volcanic rocks older than the Nevadan orogeny; in places strongly metamorphosed



Paleozoic sedimentary and volcanic rocks; in places strongly metamorphosed; includes some rocks of Triassic age in Klamath Mountains; includes some late Precambrian sedimentary rocks in Great Basin



Precambrian rocks of all types including coarse-grained intrusives



Pre-Cenozoic metamorphic rocks of unknown age

### INTRUSIVE IGNEOUS ROCKS



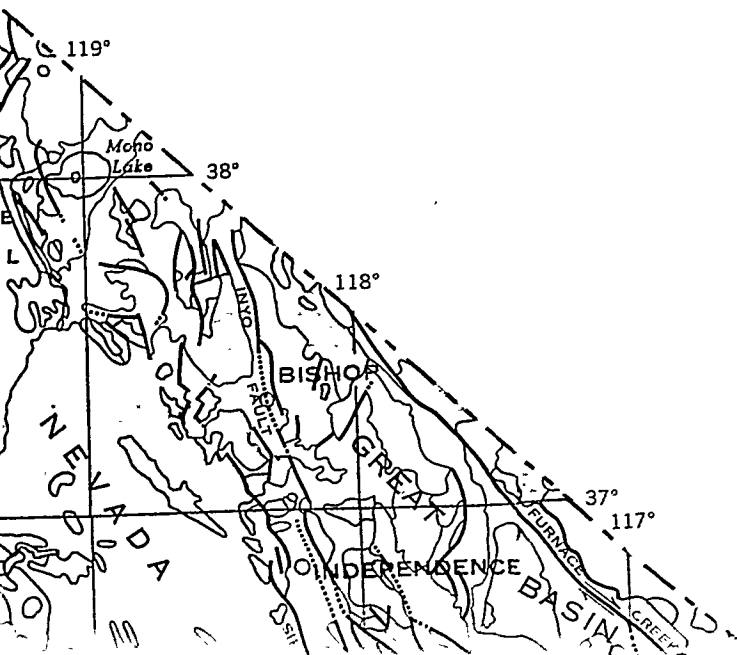
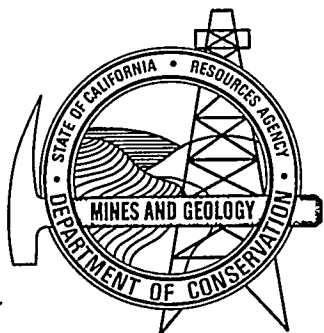
Granitic rocks chiefly of Mesozoic age

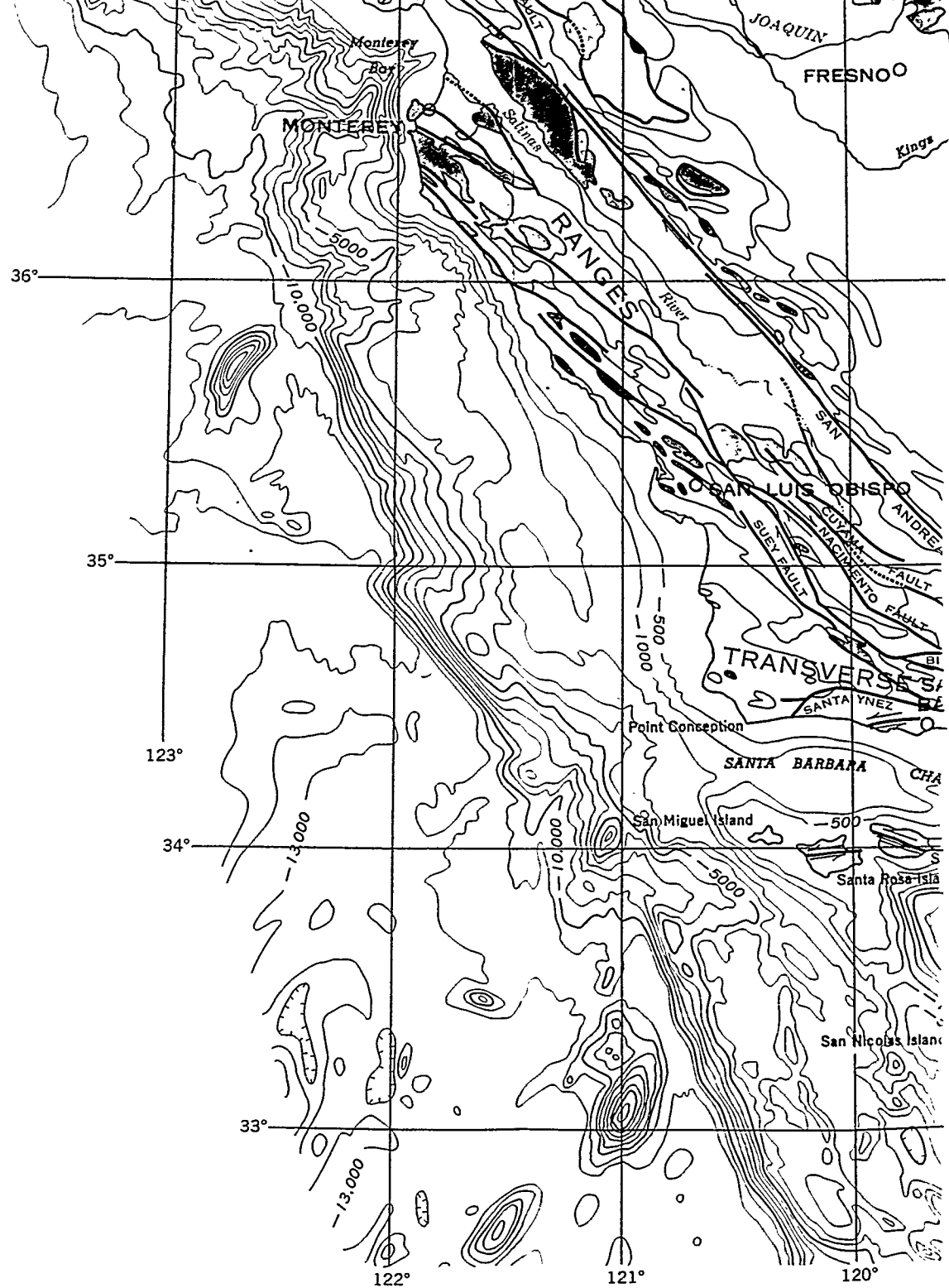


Ultramafic rocks chiefly of Mesozoic age

Contact

Fault, dotted where concealed;  
includes low-angle faults;  
arrows indicate direction  
of relative movement on  
strike-slip faults

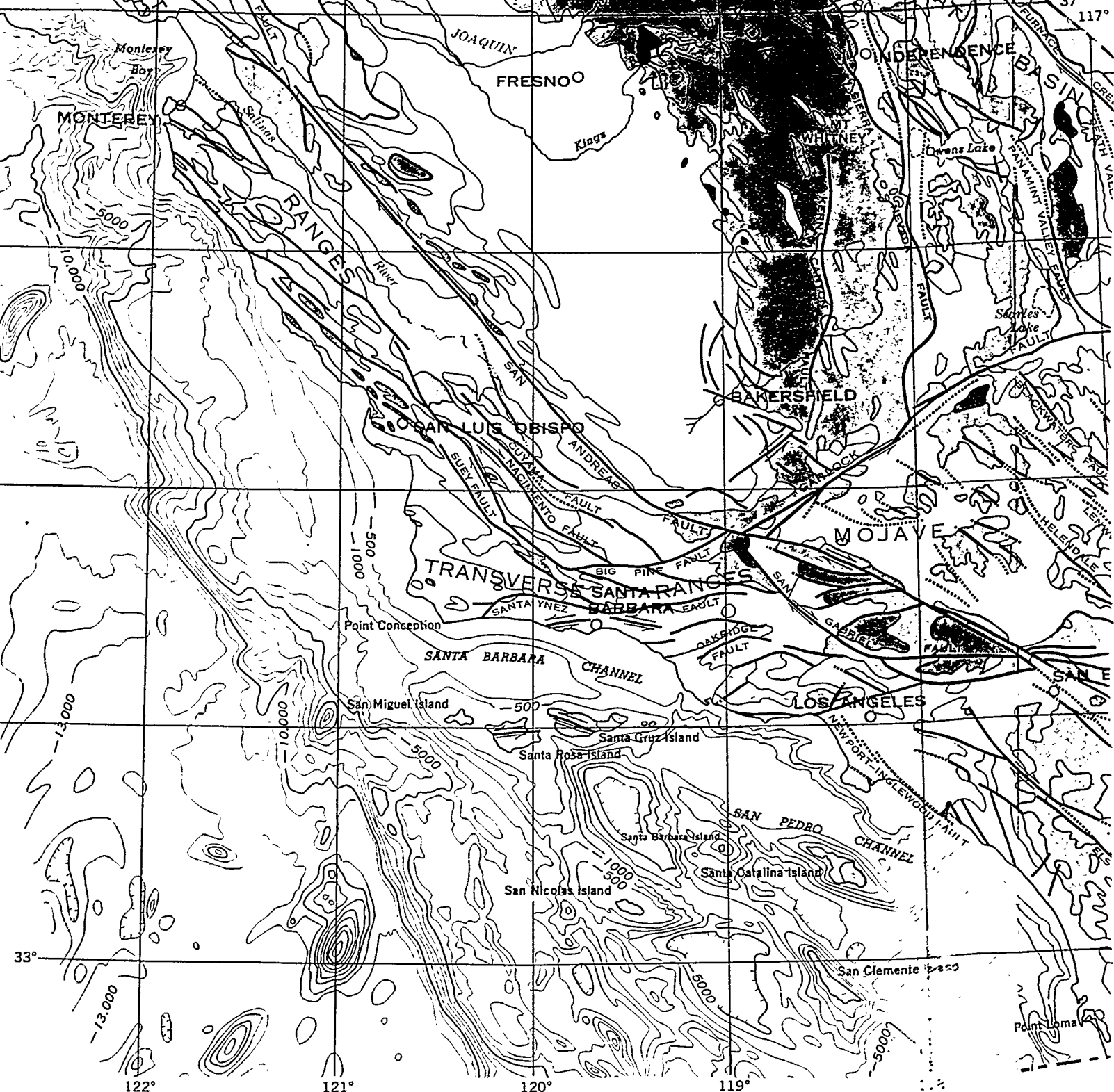




Base from U.S. Geological Survey, 1959

# GEOLOGI

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AND CALIFOR



Base from U.S. Geological Survey, 1959

# GEOLOGIC MAP OF CALIFORNIA

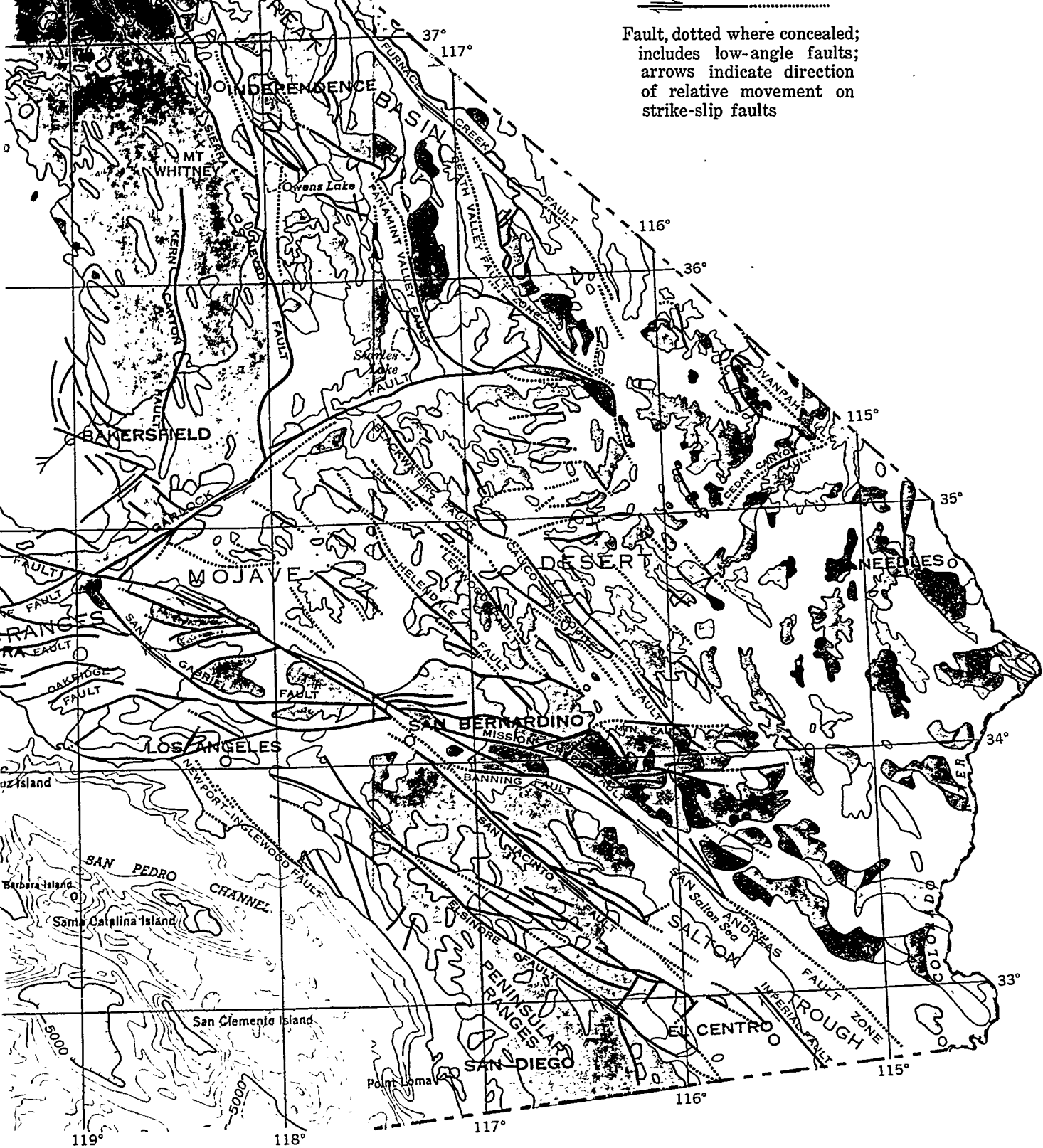
COMPILED BY U.S. GEOLOGICAL SURVEY  
AND CALIFORNIA DIVISION OF MINES AND GEOLOGY

SCALE 1:2 500 000

0 50 100 MILES

SUBMARINE CONTOUR INTERVALS 500 FEET;  
1000 FEET; DATUM IS SEA LEVEL

1966



# MAP OF CALIFORNIA

BY U.S. GEOLOGICAL SURVEY  
DIVISION OF MINES AND GEOLOGY

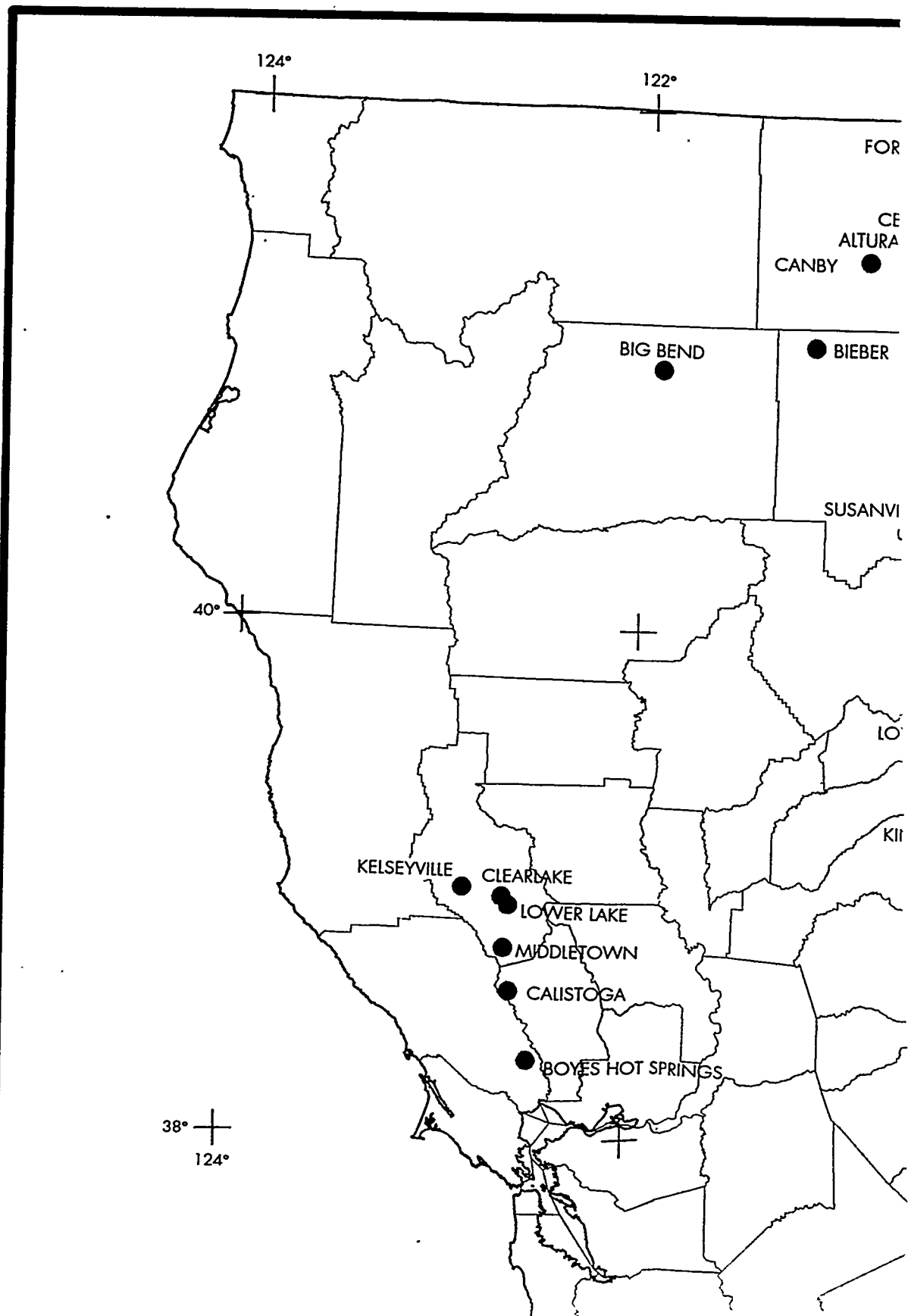
SCALE 1:2 500 000

50

100 MILES

MARINE CONTOUR INTERVALS 500 AND  
1000 FEET. DATUM IS SEA LEVEL

1966



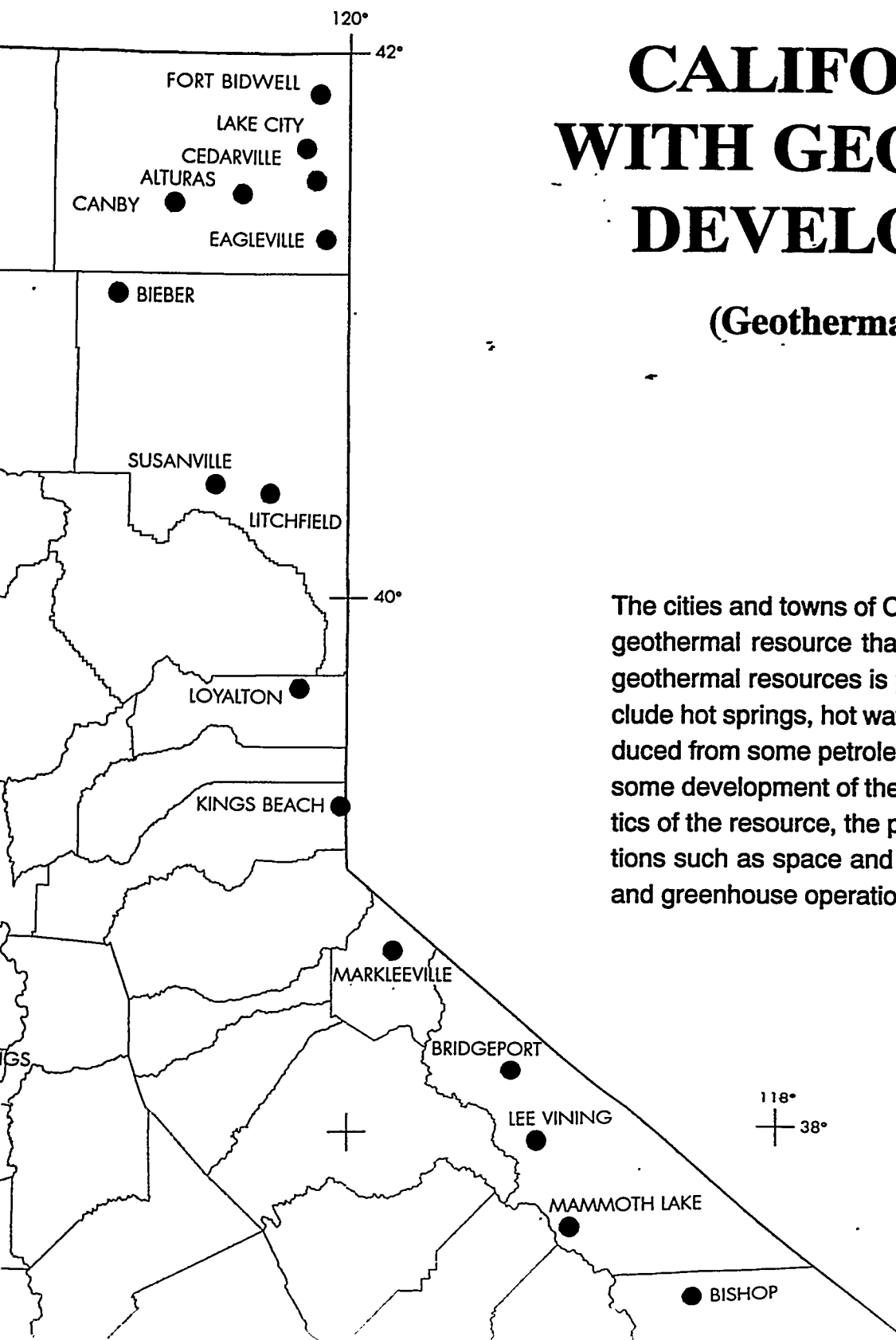
# CALIFORNIA COM WITH GEOTHERMAL DEVELOPMENT PC

(Geothermal Resources with Temp

1994

## EXPLANATION

The cities and towns of California shown on this map are located in areas with geothermal resource that has a temperature greater than 150°C. The geothermal resources is provided in the accompanying text. The resources include hot springs, hot water reservoirs, steam production fields, and geysers. Produced from some petroleum fields. Historically, most of the geothermal resources have been developed for some development of their geothermal resources. However, with the development of the resource, the potential exists for increased geothermal applications such as space and district heating, spa and bathing and greenhouse operations, and possibly electrical generation.



# CALIFORNIA COMMUNITIES WITH GEOTHERMAL RESOURCE DEVELOPMENT POTENTIAL

Geothermal Resources with Temperatures  $>50^{\circ}\text{C}$ )

1994

## EXPLANATION

and towns of California shown on this map are located within 5 miles of a known geothermal resource that has a temperature greater than  $50^{\circ}\text{C}$  ( $122^{\circ}\text{F}$ ). Data about the geothermal resources is provided in the accompanying text. The geothermal resources include geysers, hot water reservoirs, steam production fields, and geothermal water produced from some petroleum fields. Historically, most of the communities have experienced development of their geothermal resources. However, depending on the characteristics of the resource, the potential exists for increased geothermal development for applications such as space and district heating, spa and bathing facilities, aquaculture, industrial processes, and possibly electrical generation in some areas.

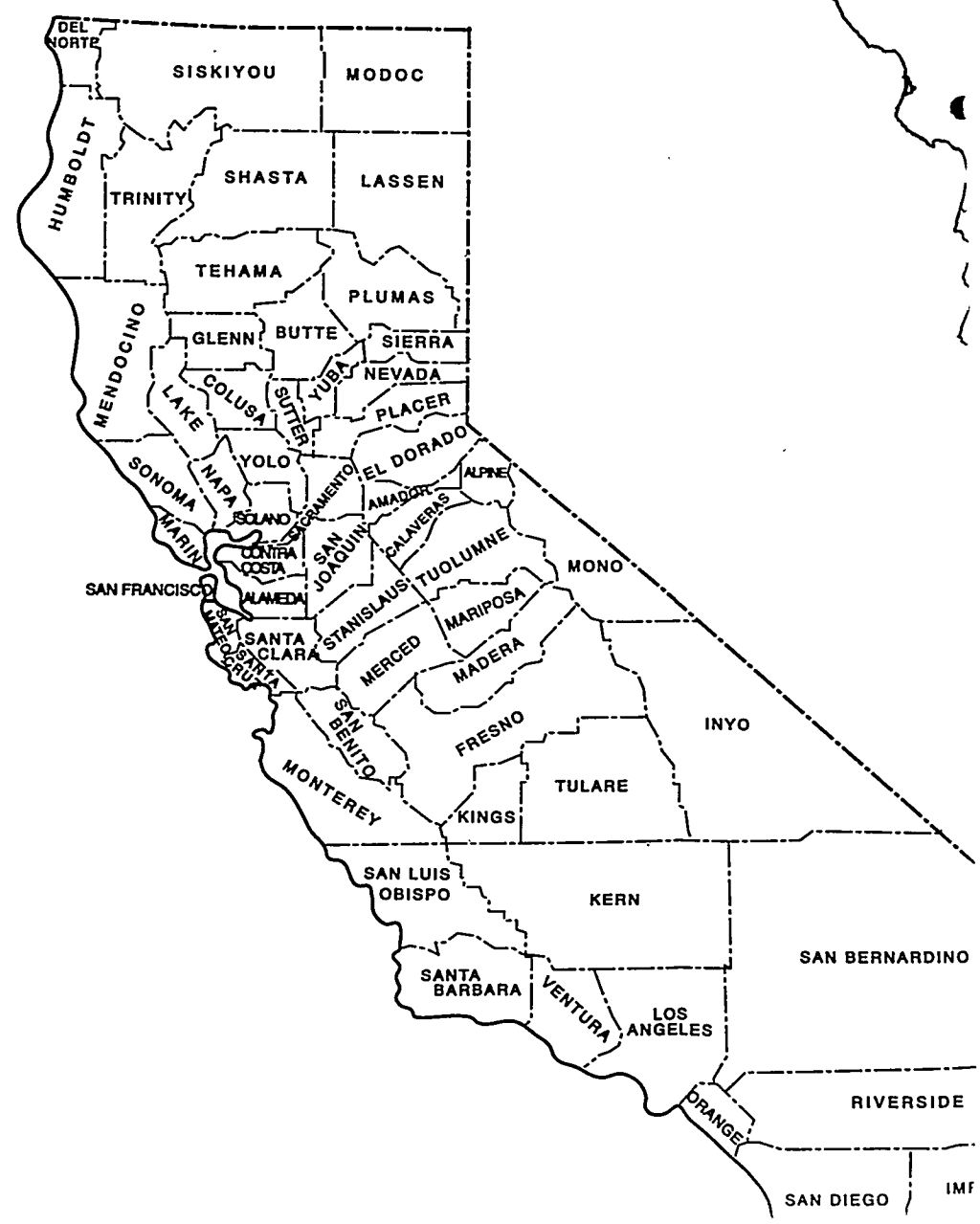
118°  
— 38°

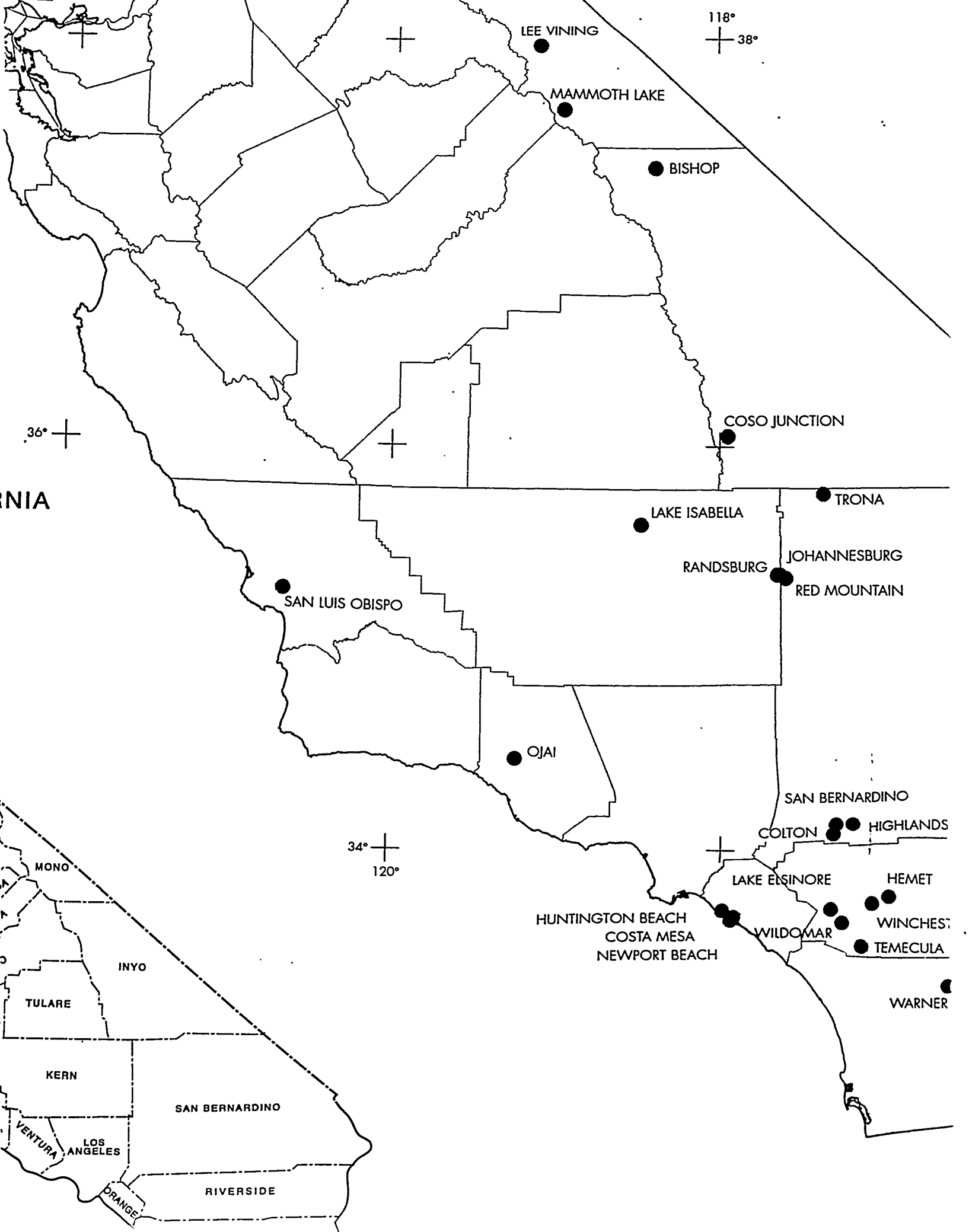
SHOP



36°

# COUNTIES OF CALIFORNIA





118°  
38°

SHOP



SCALE 1: 2,500,000

0 50 100 MILES

116°  
36°

COSO JUNCTION

TRONA

ISABELLA

JOHANNESBURG

RANDSBURG

RED MOUNTAIN

SAN BERNARDINO

TWENTYNINE PALMS

COLTON

HIGHLANDS

DESERT HOT SPRINGS

LAKE ELSINORE

HEMET

PALM DESERT  
LA QUINTA

H  
SA  
BEACH

WILDOMAR

WINCHESTER

TEMECULA

BOMBAY BEACH

WARNER SPRINGS

NILAND  
CALIPATRIA  
WESTMORLAND  
BRAWLEY

GLAMIS

EL CENTRO

HEBER

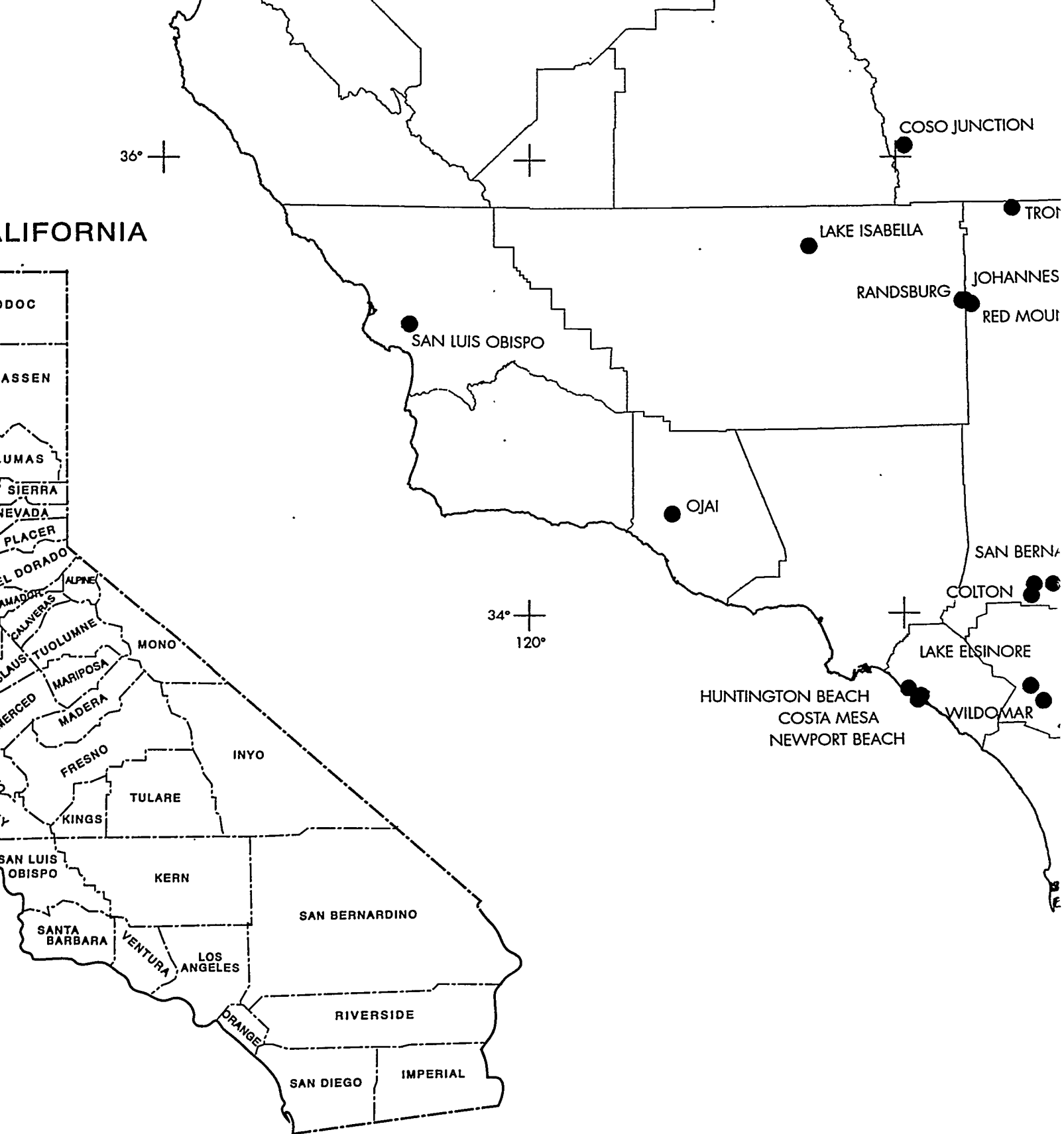
CALEXICO

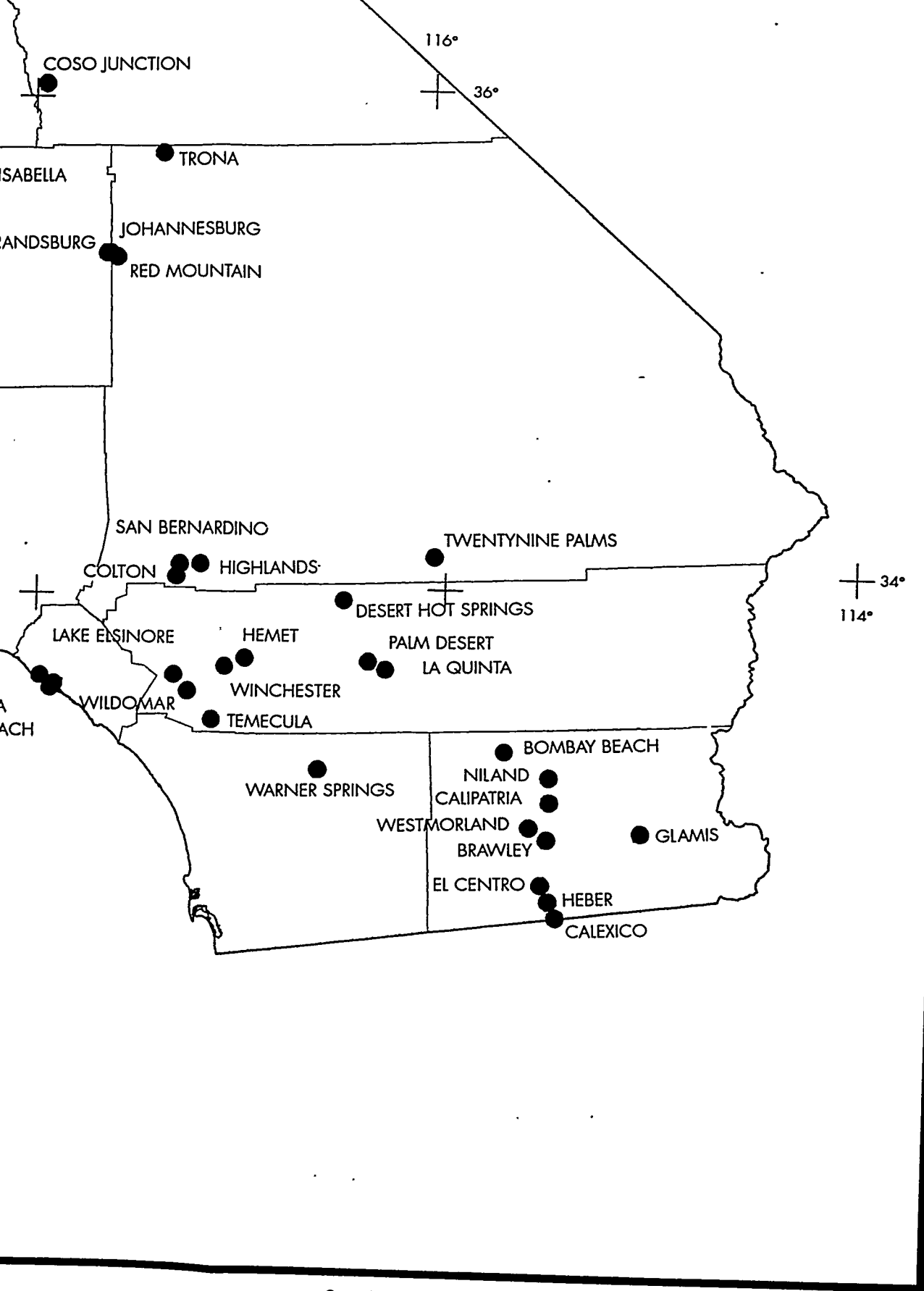
34°  
114°

36° +

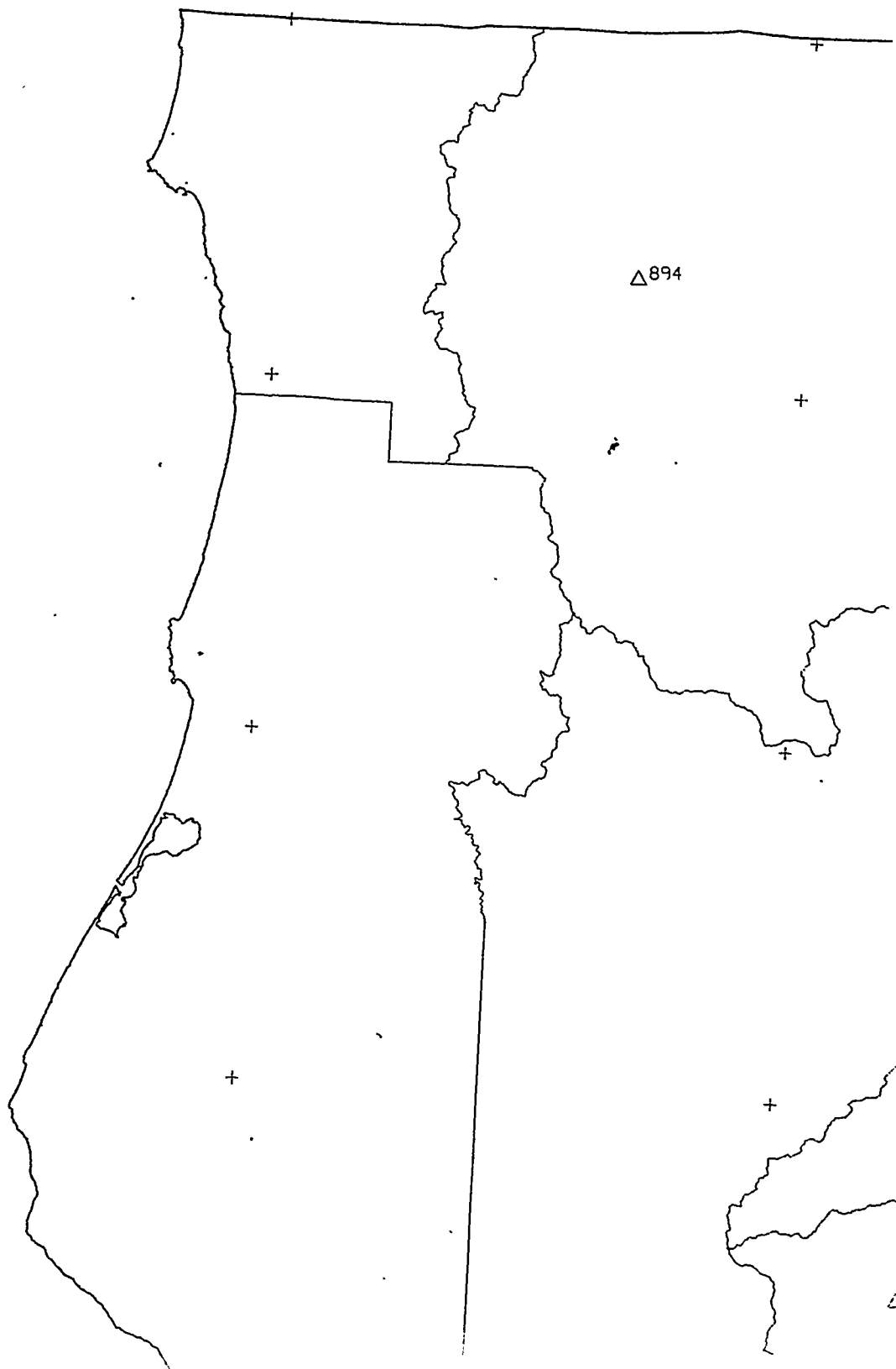
## COUNTIES OF CALIFORNIA



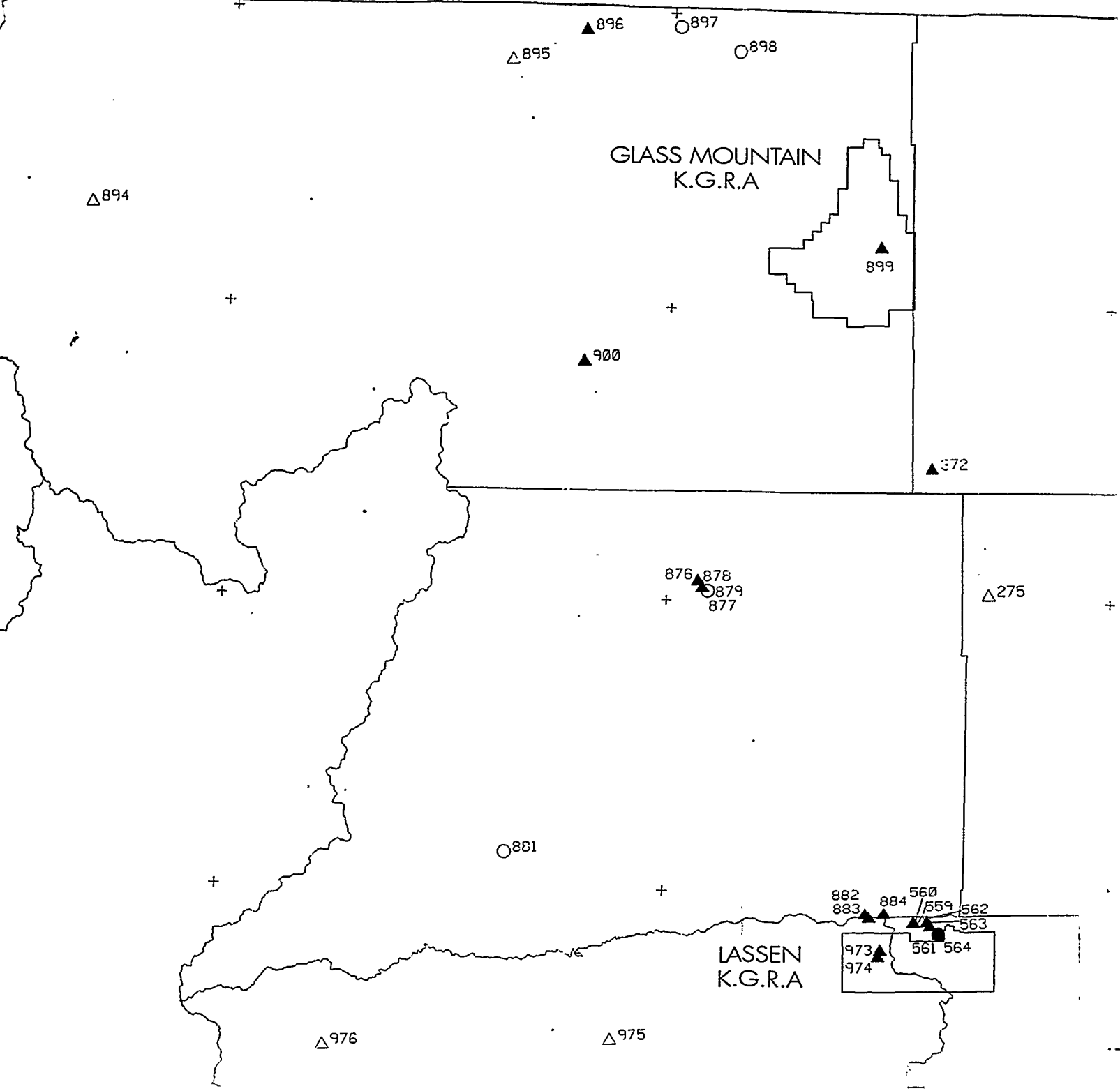




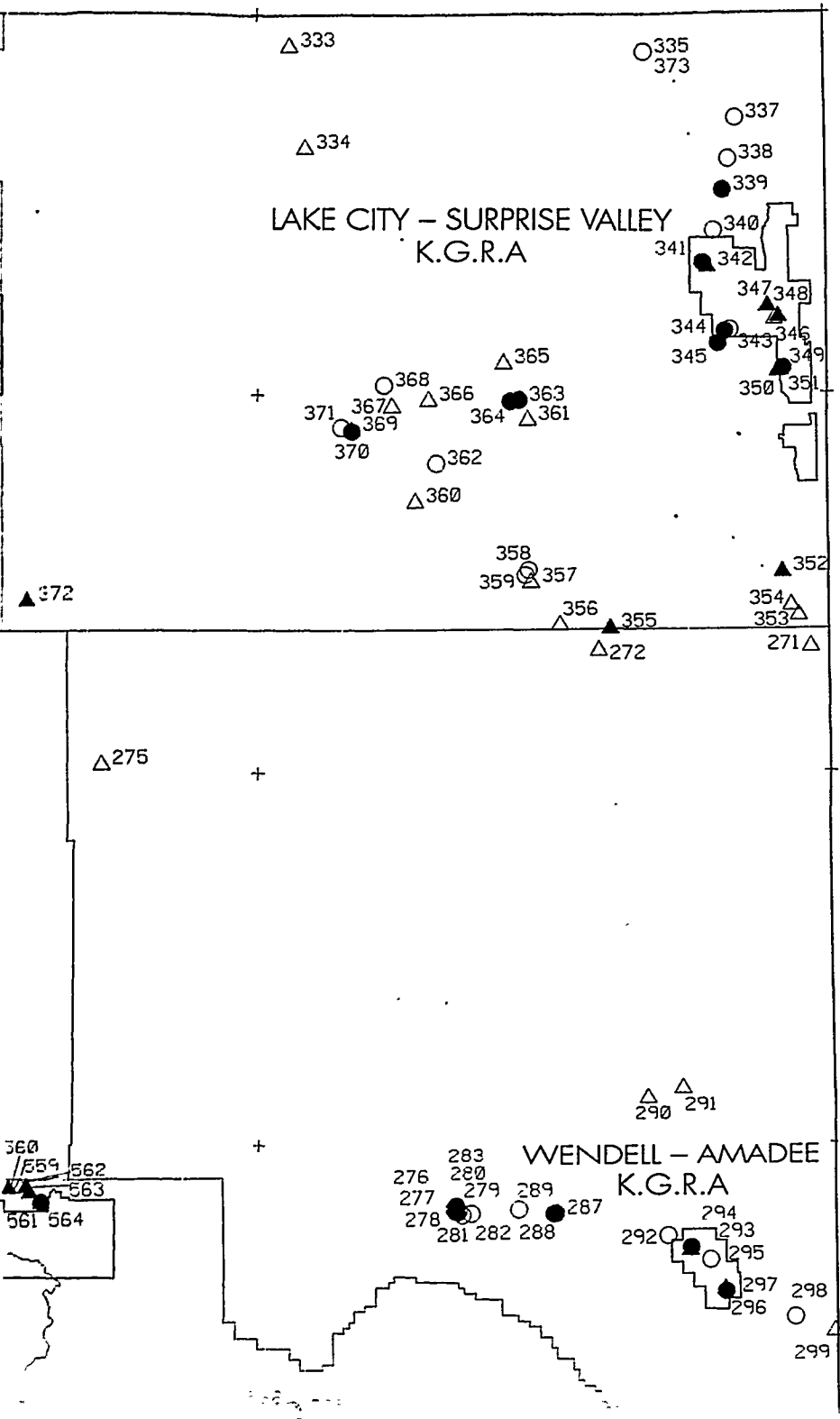
+ 42°  
125°



# OREGON

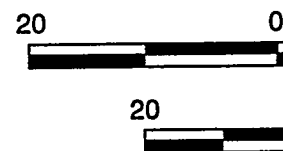


G



# GEO THERMAL SPRING

Leslie G



The emphasis of this computer generated moderate-temperature (90°-150°C) geothermal map is on the low-temperature (below 90°C) geothermal resources. The map was prepared by the Division of Mines and Geology for the Low-Temperature Geothermal Resources Survey sponsored by the U.S. Department of Energy, Geothermal Energy Research Center, Geothermal Heat Center and the University of Utah Research Center. The map scale is 1:250,000. The U.S. Bureau of Land Management map.

The accompanying text to this map contains information on the geothermal resources and wells in California. The tables contain more

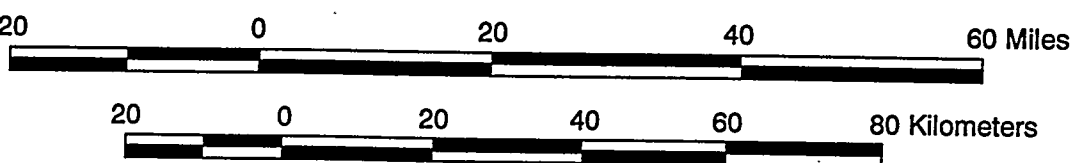
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# RINGS AND WELLS IN CAL

by  
Leslie G. Youngs<sup>1</sup> and Henry A. Mumm<sup>2</sup>

1994

Scale 1 : 1,000,000



One inch equals approximately 16 miles

## EXPLANATION

This computer generated map is to show the statewide distribution of low-temperature (less than 90°C) and 90°-150°C geothermal resources. The map was produced by the California Department of Conservation, Geology for the Low-Temperature Geothermal Resources and Technology Transfer Program that was sponsored by the Department of Energy, Geothermal Division and was coordinated by the Oregon Institute of Technology, Geology Department, and the University of Utah Research Institute. The minimum temperature for the springs and wells shown on the map and the California Department of Land Management designated Known Geothermal Resource Areas (K.G.R.A.) are also shown on the map.

The text to this map contains tables of descriptive data and water chemistry data for the geothermal springs and wells. The tables contain more entries of known geothermal wells than are plotted on this map. Because of the

# S IN CALIFORNIA

than 90°C) and  
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echnology, Geo-  
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othermal springs  
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40°

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38°

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PACIFIC

△320 △321

△322

○326

△327

328○

△329

△904

▲908

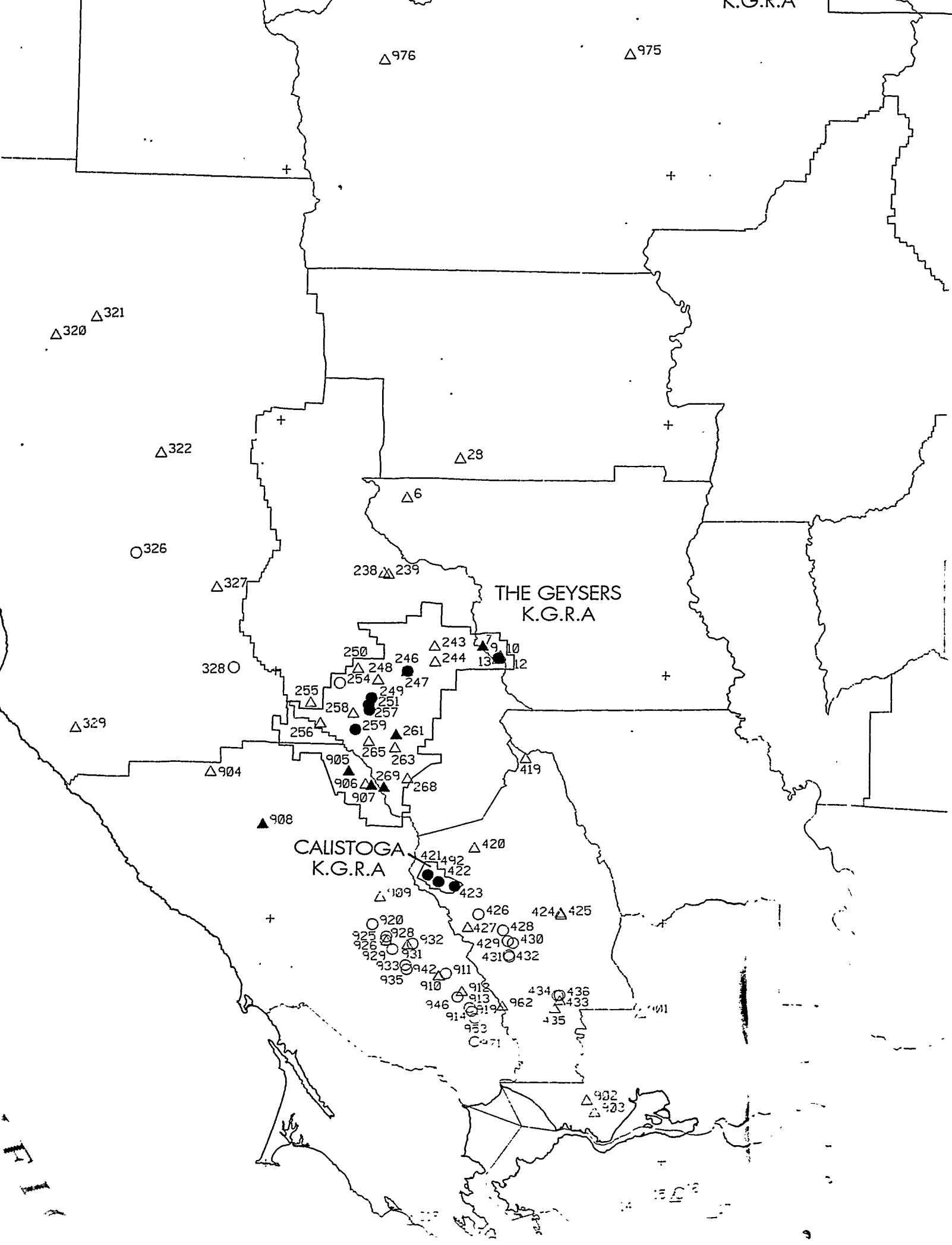
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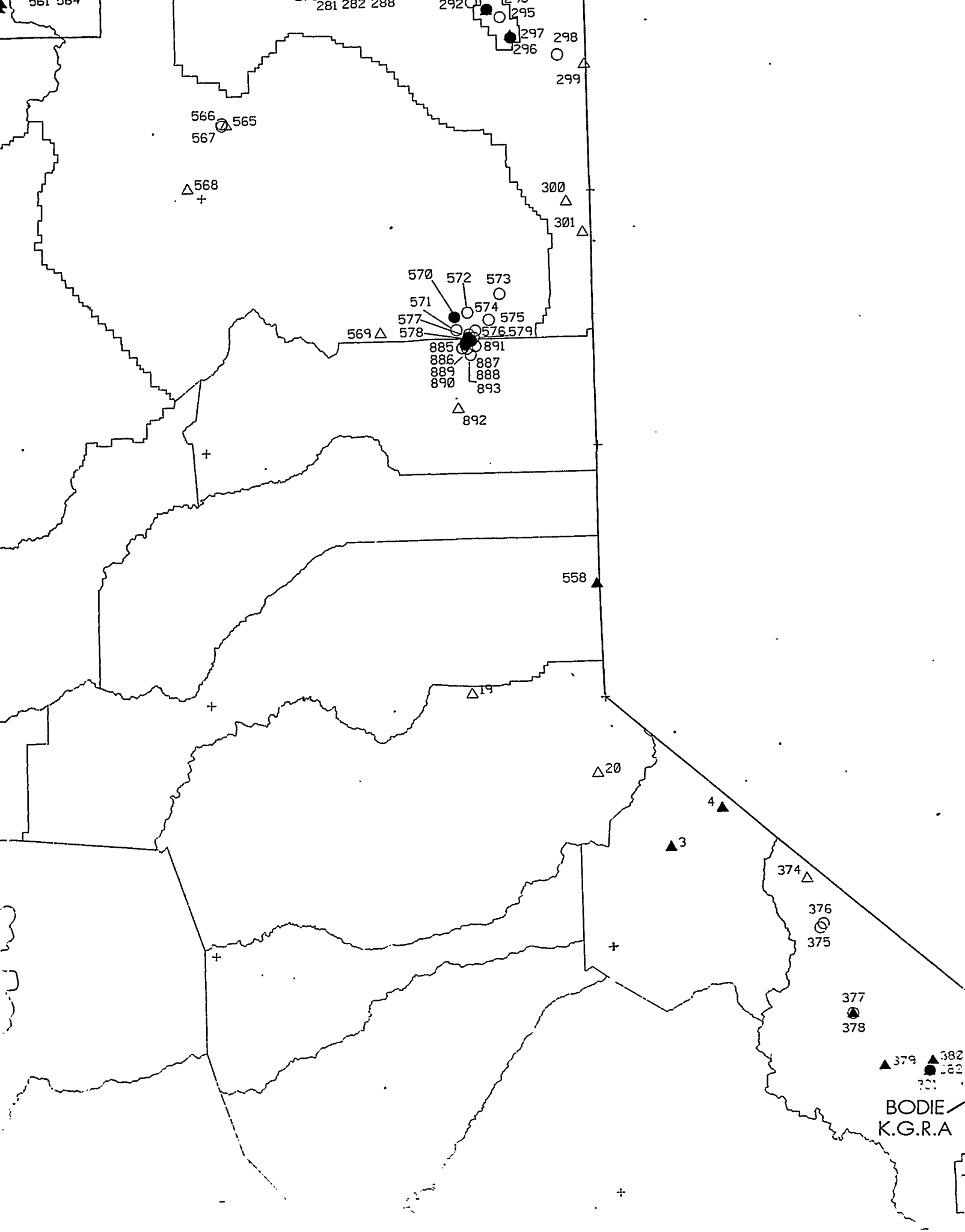
255

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92

9



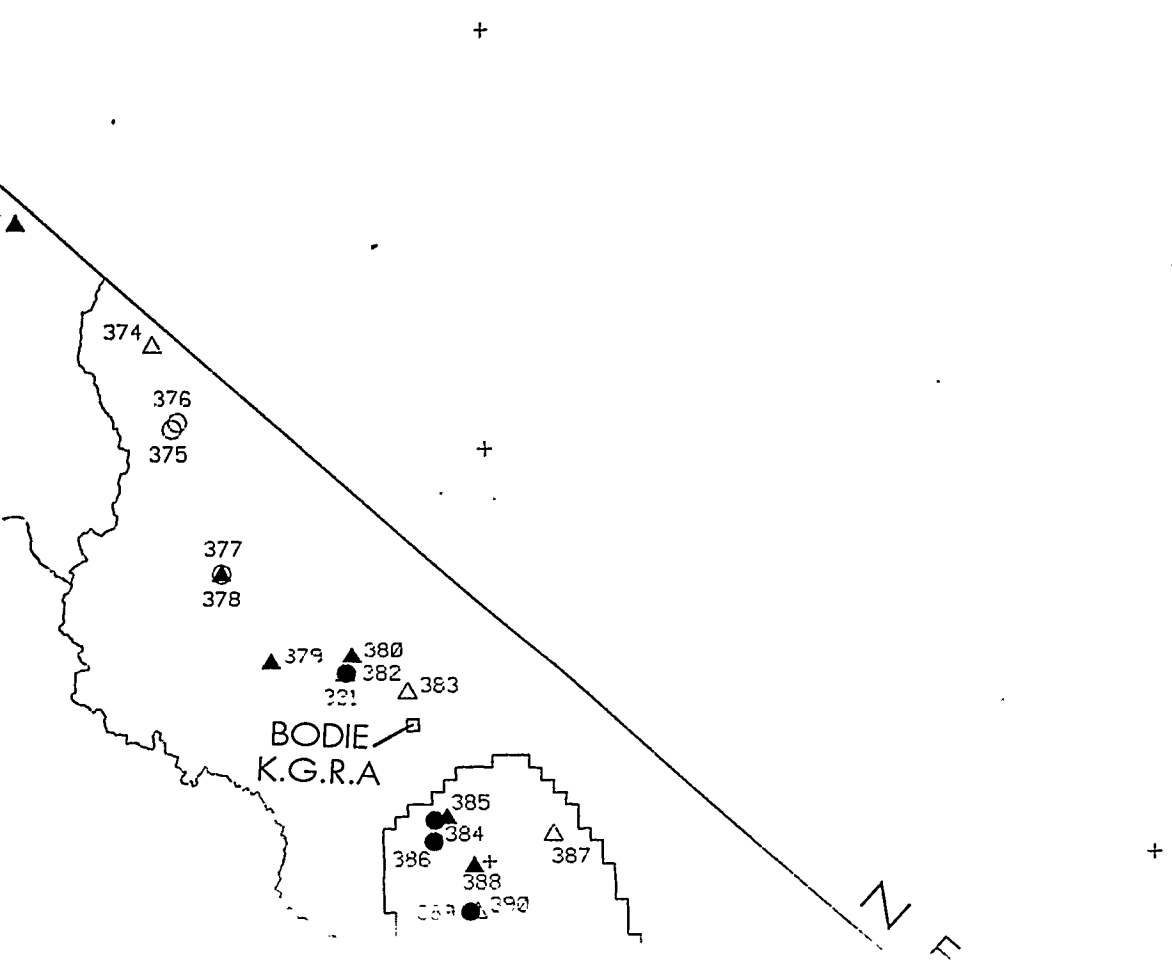


Heat Center and the University of California at San Diego is 20°C. The U.S. Bureau of Land Management map.

The accompanying text and wells in California. The emphasis of the map, in areas within the K.G.R.A.'s, only moderate-temperature geothermal resources. The map correspond to the section locations have not been plotted.

V

CO



ate-temperature (90°-150°C) geothermal resources. The map was produced by the California Department of Conservation, Division of Mines and Geology for the Low-Temperature Geothermal Resources and Technology Transfer Program that was sponsored by the U.S. Department of Energy, Geothermal Division and was coordinated by the Oregon Institute of Technology, Geocenter and the University of Utah Research Institute. The minimum temperature for the springs and wells shown on the map is 90°C. The U.S. Bureau of Land Management designated Known Geothermal Resource Areas (K.G.R.A.) are also shown on the map.

The accompanying text to this map contains tables of descriptive data and water chemistry data for the geothermal springs and wells in California. The tables contain more entries of known geothermal wells than are plotted on this map. Because of the scale of the map, in areas where there are many known high-temperature (greater than 150°C) geothermal wells, especially within the K.G.R.A.'s, only a representative few have been plotted. Similarly, in areas where there are many known low- to intermediate-temperature geothermal wells only a few have been plotted for map clarity. The identification numbers posted on the map correspond to the sequentially numbered (ID#) entries in the tables in the text. Because some of the geothermal wells have not been plotted on the map, not all of the identification numbers in the tables appear on the map.

## SYMBOLS

### WELLS



### SPRINGS



### TEMPERATURE

(°C)

20 – 50

>50

## COUNTY DISTRIBUTION OF GEOTHERMAL RESOURCES

### SPRING or WELL IDENTIFICATION NUMBER

### COUNTY WHERE LOCATED

1-2  
3-4  
5  
6-13  
14-18  
19-20  
21-27  
28  
29-190  
191-217  
218-236  
237-270  
271-301  
302-317  
318  
319  
320-329  
330-332  
333-373  
374-409  
410-418  
419-546  
547-557  
558  
559-579  
580-660  
661-662  
663-791  
792-841  
842-843  
844-845

Alameda  
Alpine  
Calaveras  
Colusa  
Contra Costa  
El Dorado  
Fresno  
Glenn  
Imperial  
Inyo  
Kern  
Lake  
Lassen  
Los Angeles  
Madera  
Marin  
Mendocino  
Merced  
Modoc  
Mono  
Monterey  
Napa  
Orange  
Placer  
Plumas  
Riverside  
San Benito  
San Bernardino  
San Diego  
San Joaquin  
San Luis Obispo  
Santa Barbara  
Santa Clara  
Santa Cruz  
Shasta  
Sierra  
Siskiyou  
Sonoma  
Stanislaus  
Sutter  
Tehama  
Trinity  
Tulare  
Ventura  
Yuba

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<sup>1</sup> Division of Mines and Geology

<sup>2</sup> Information Systems Services

38° +

124°

PACIFIC

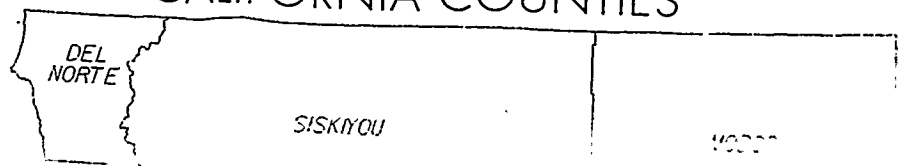
OCEAN

37° +

123°

+

# CALIFORNIA COUNTIES



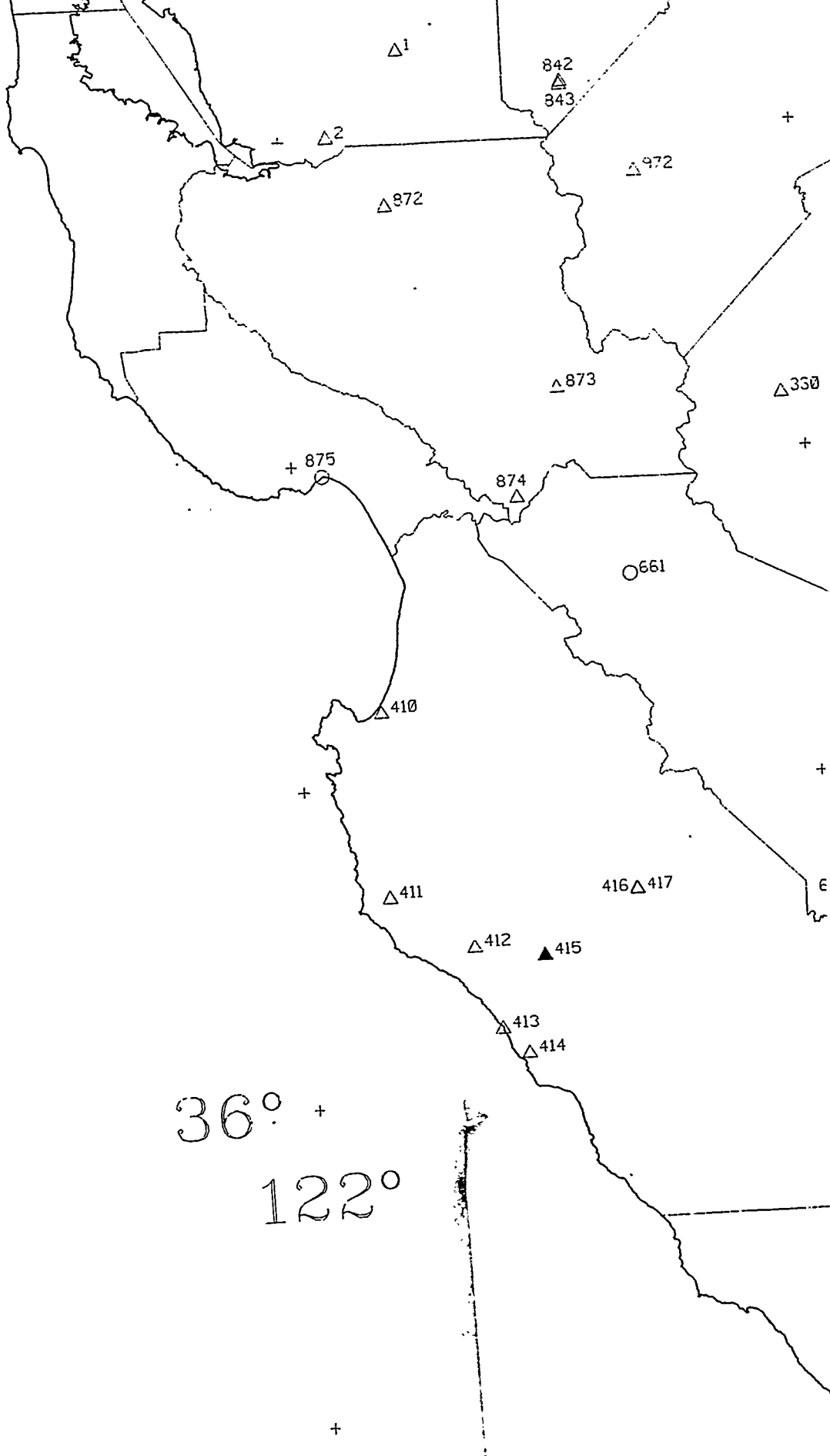
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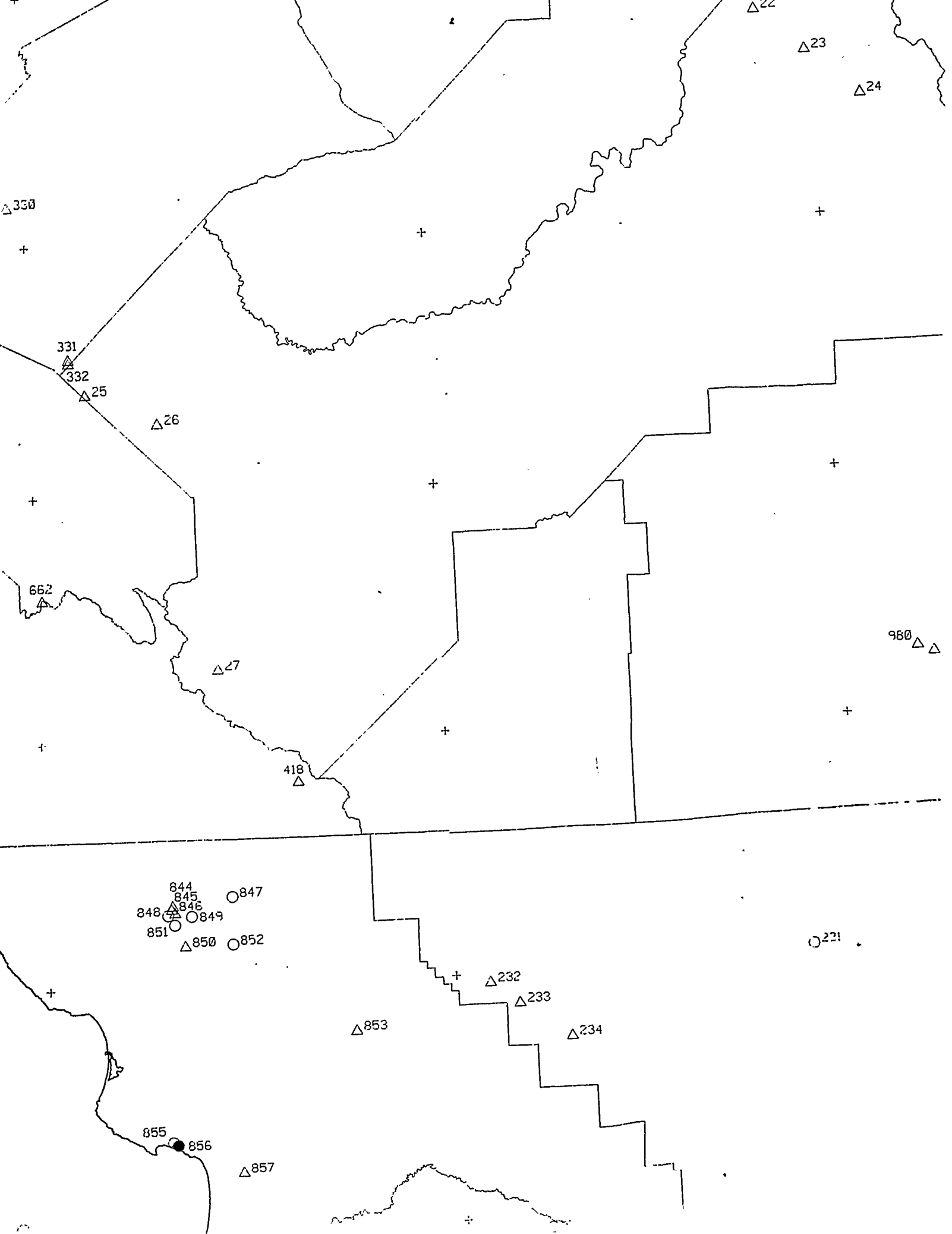
37° +  
123°

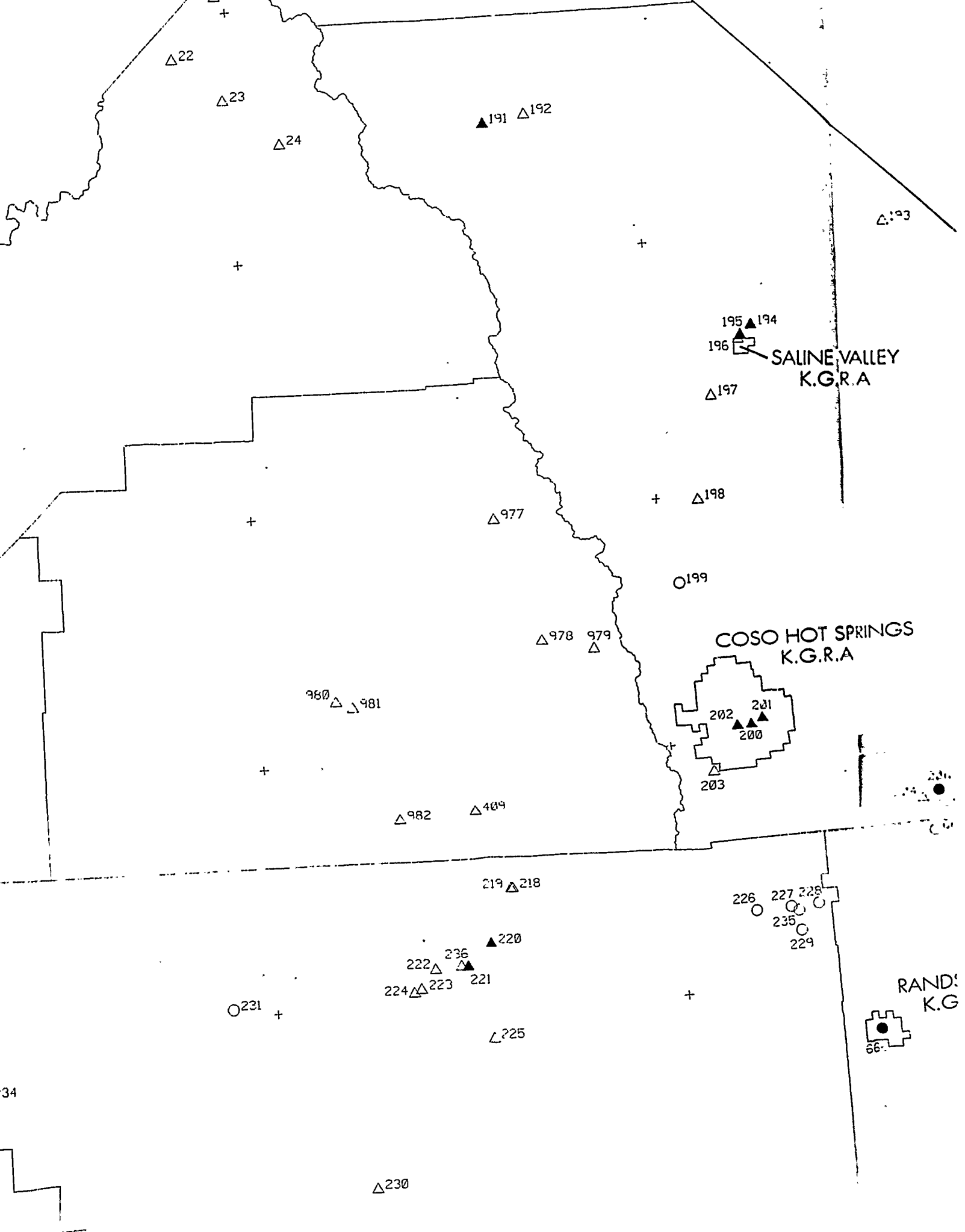
COUNTIES

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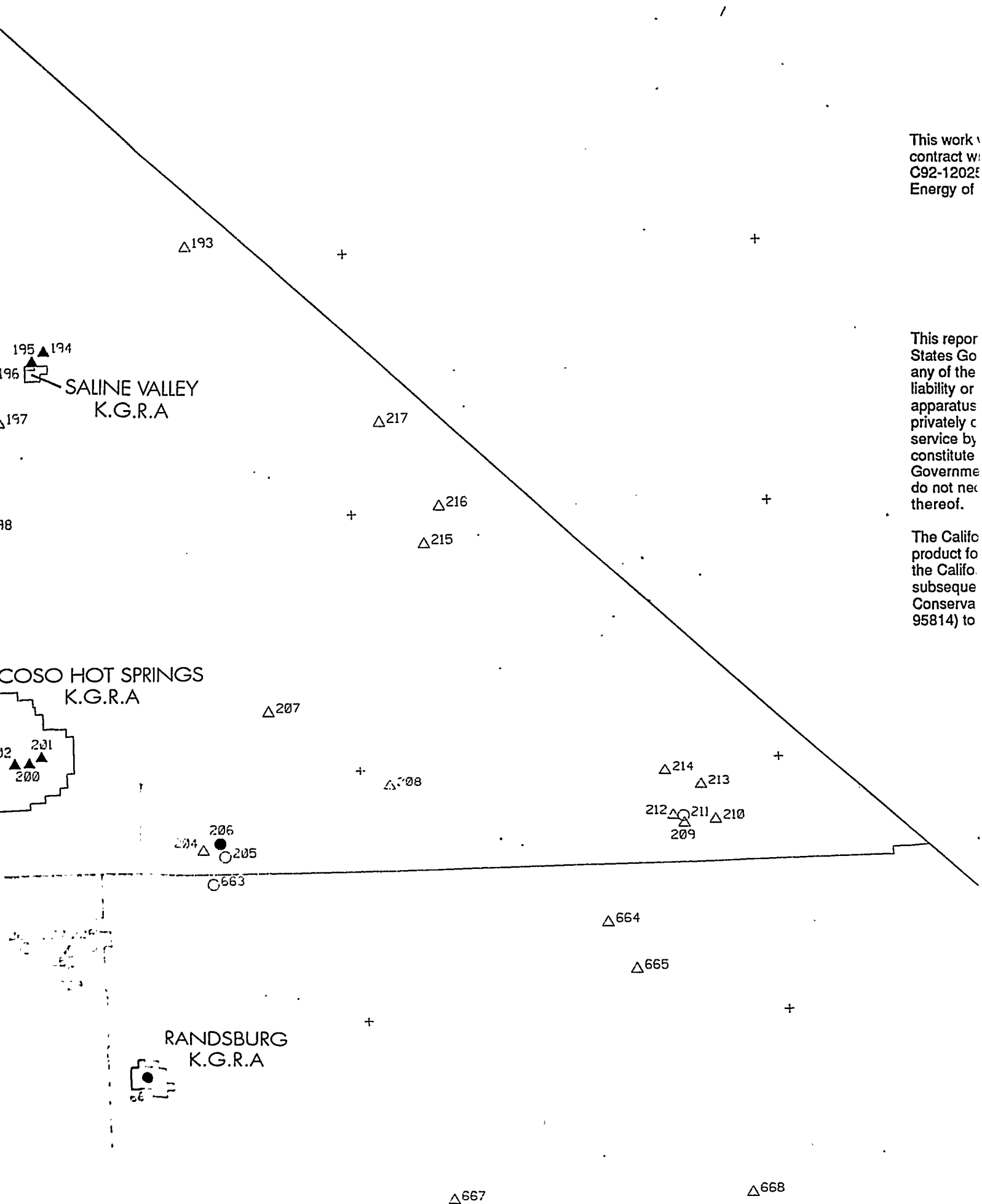




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## ACKNOWLEDGMENT

This work was supported, in whole or in part, by the U.S. Department of Energy, via a contract with the Idaho National Engineering Laboratory. The subcontract Number is C92-120253. Such support does not constitute an endorsement by the U.S. Department of Energy of the views expressed in this publication.

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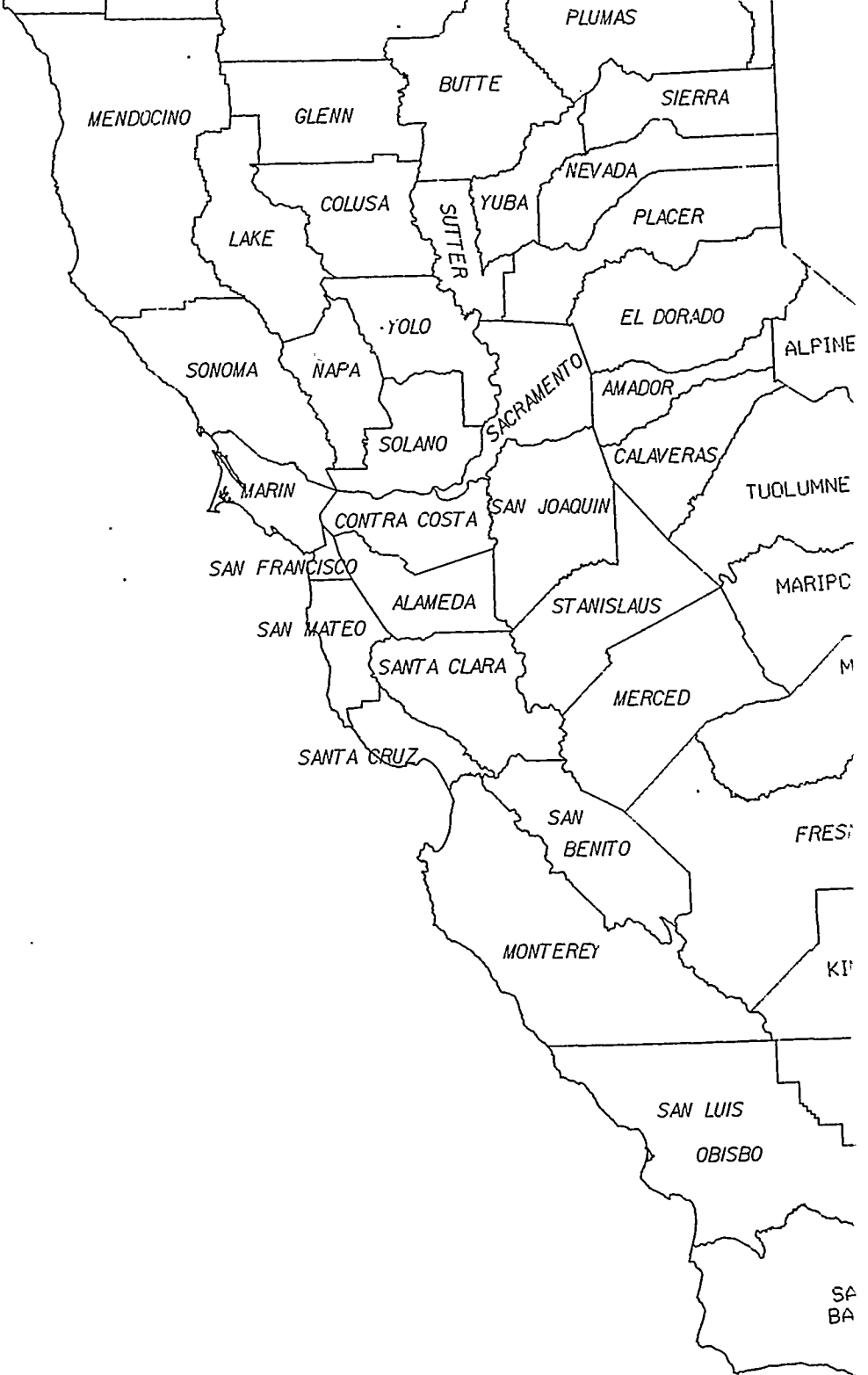
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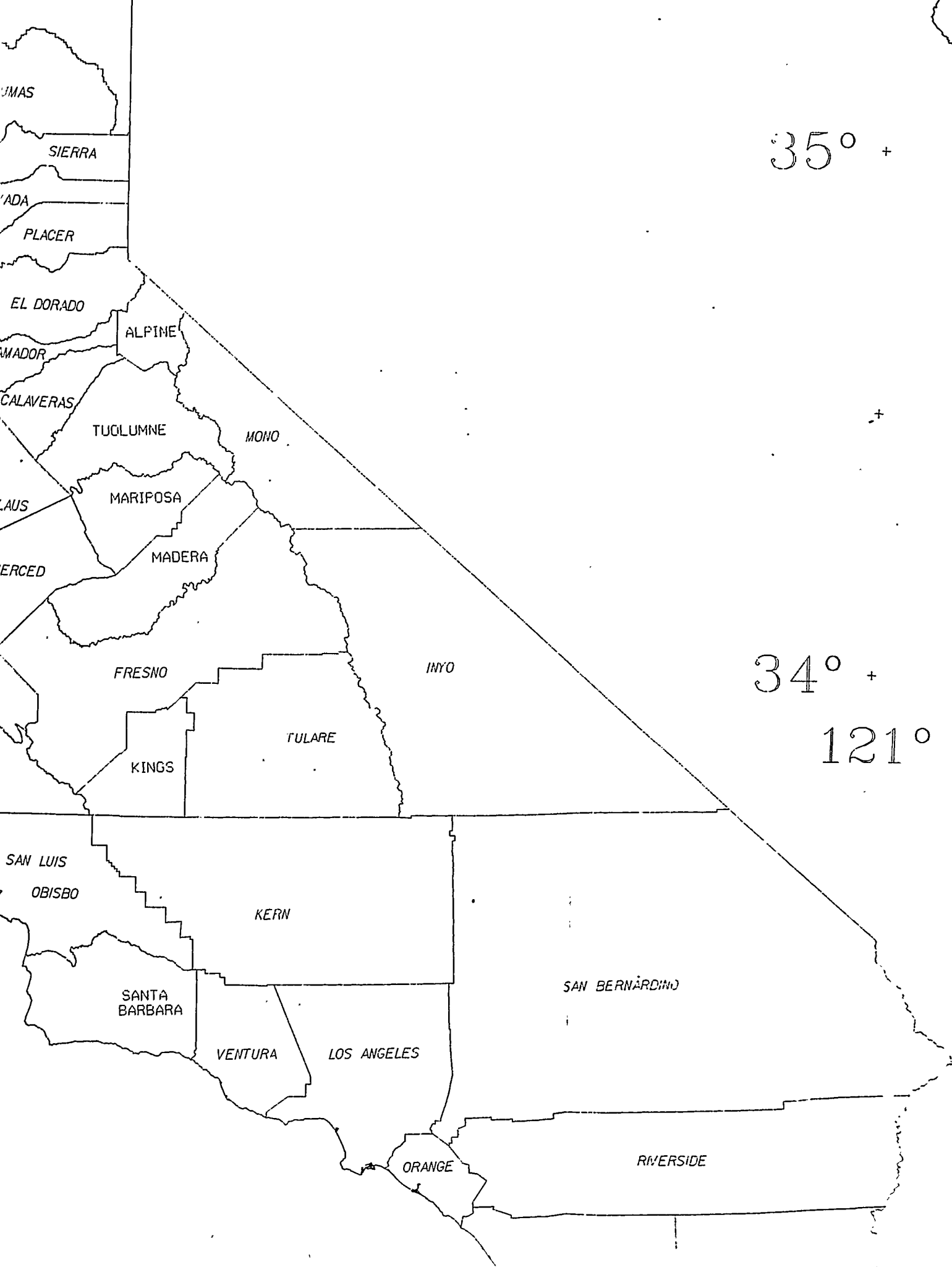
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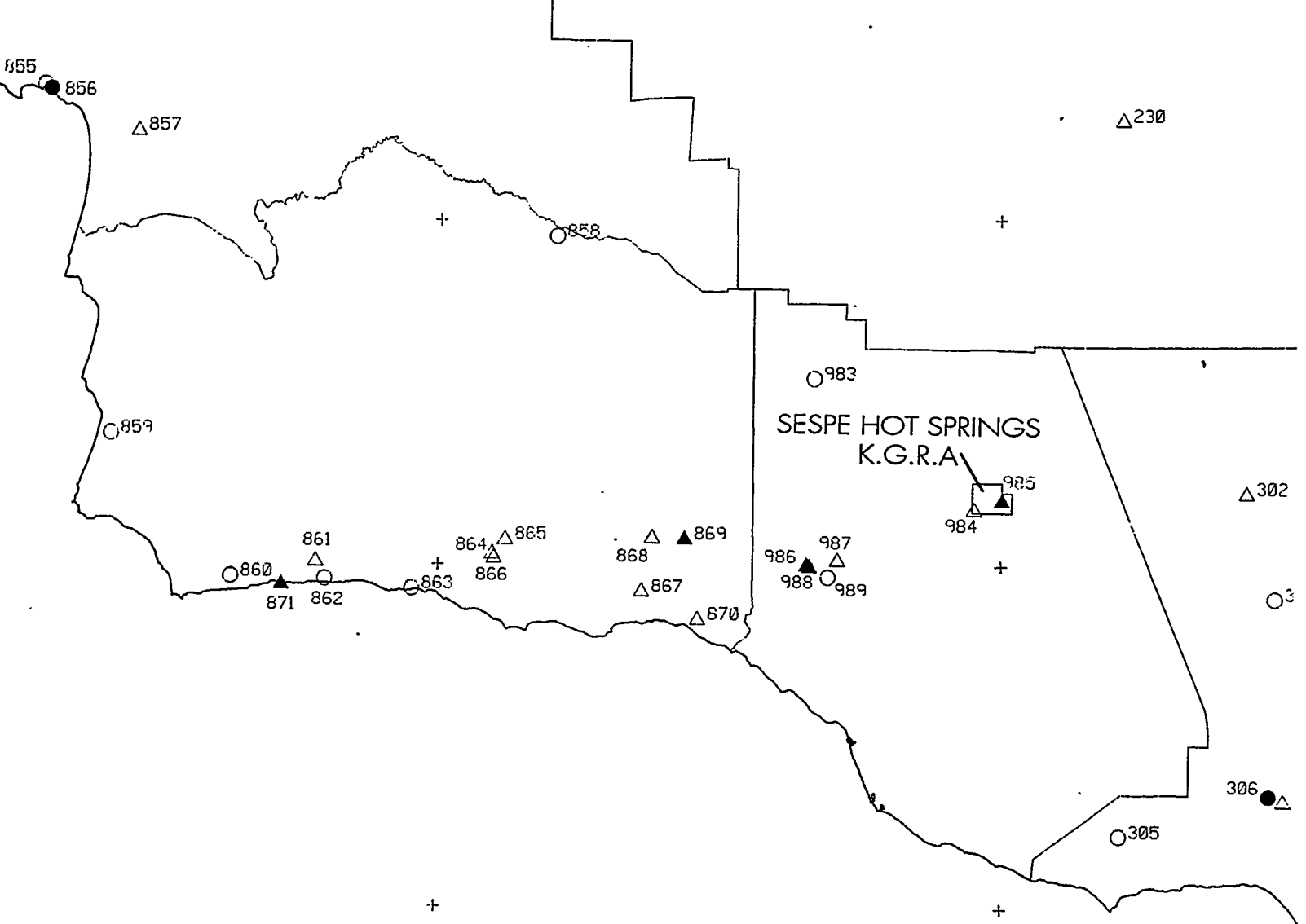




35° +

34° +

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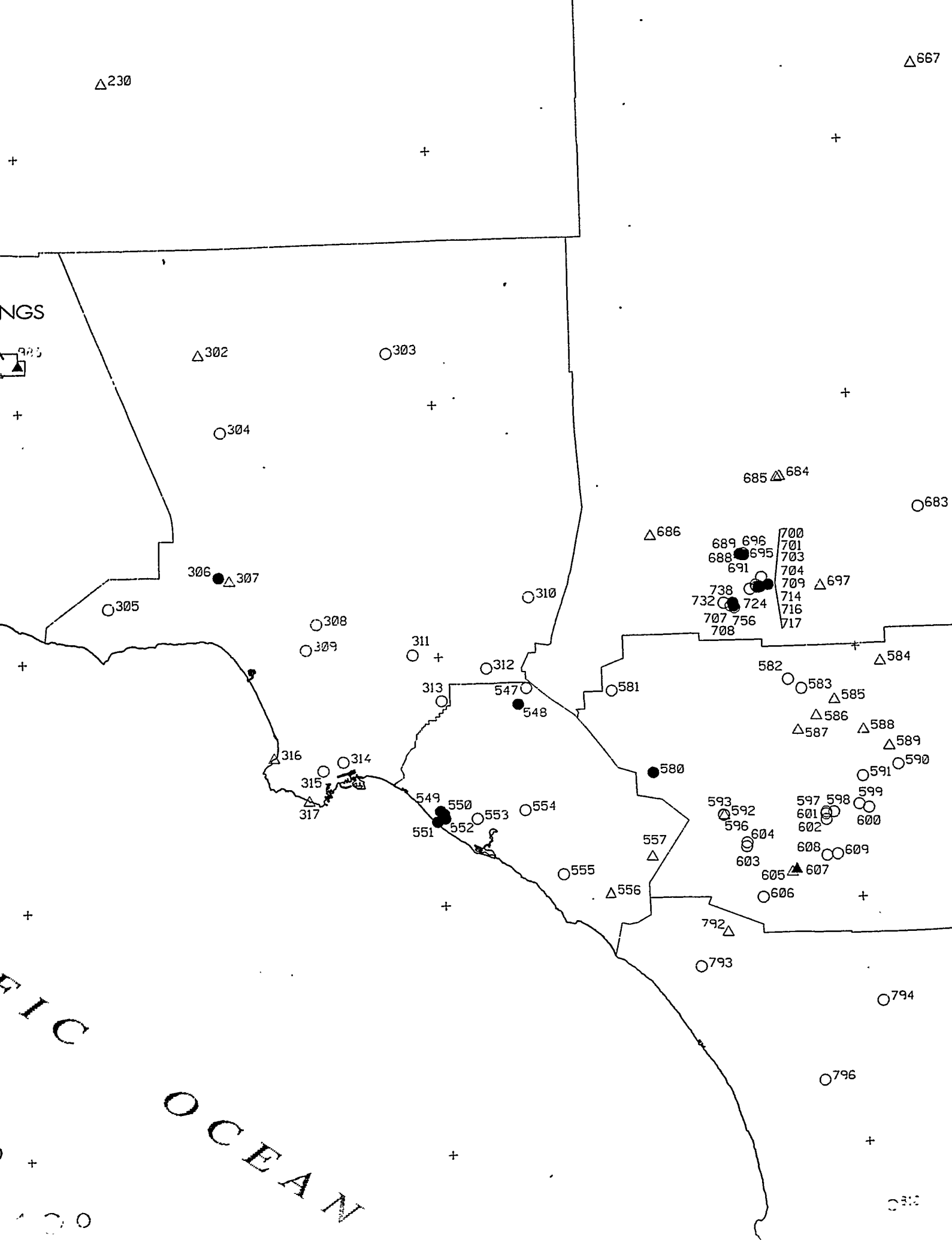


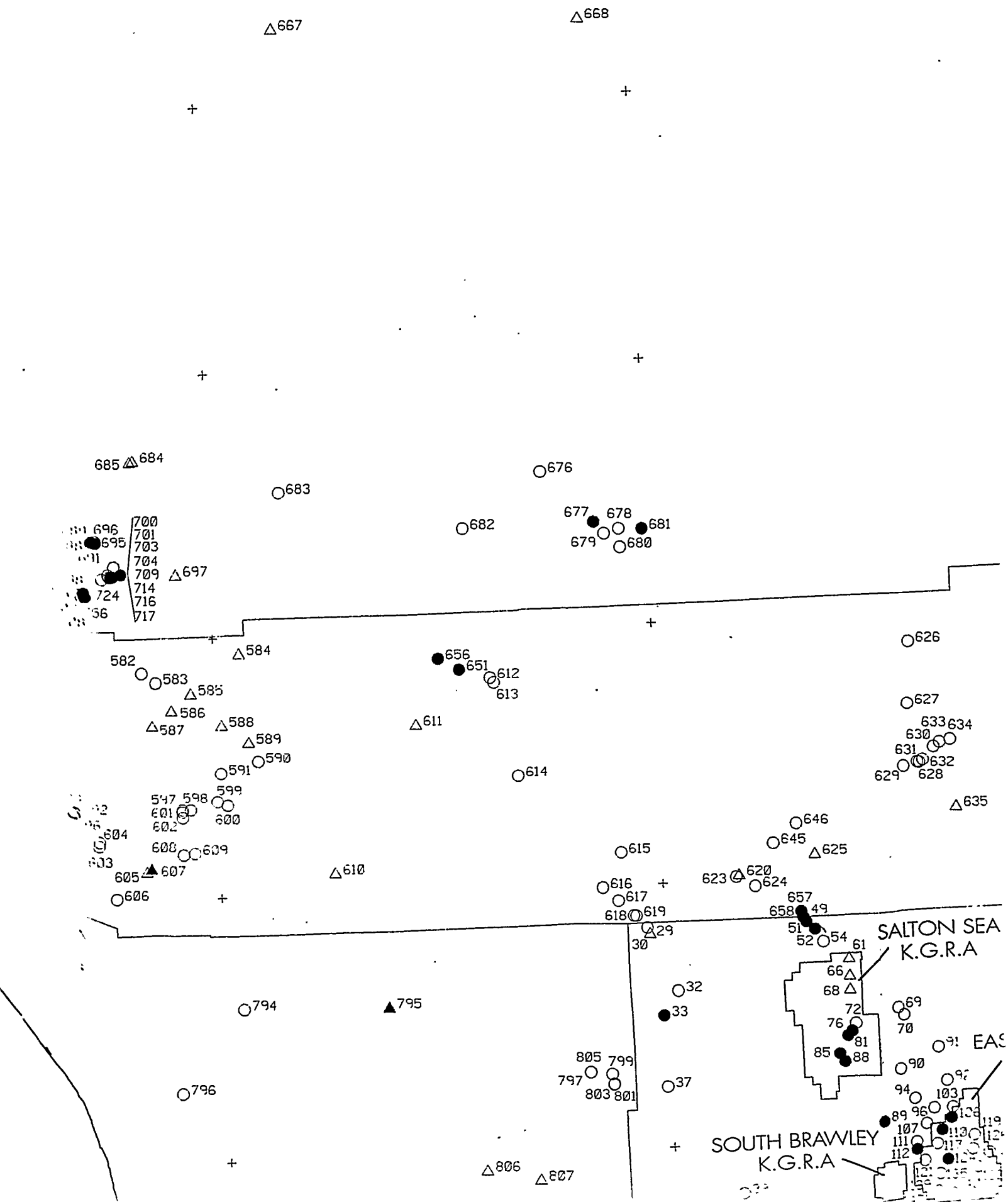
120°

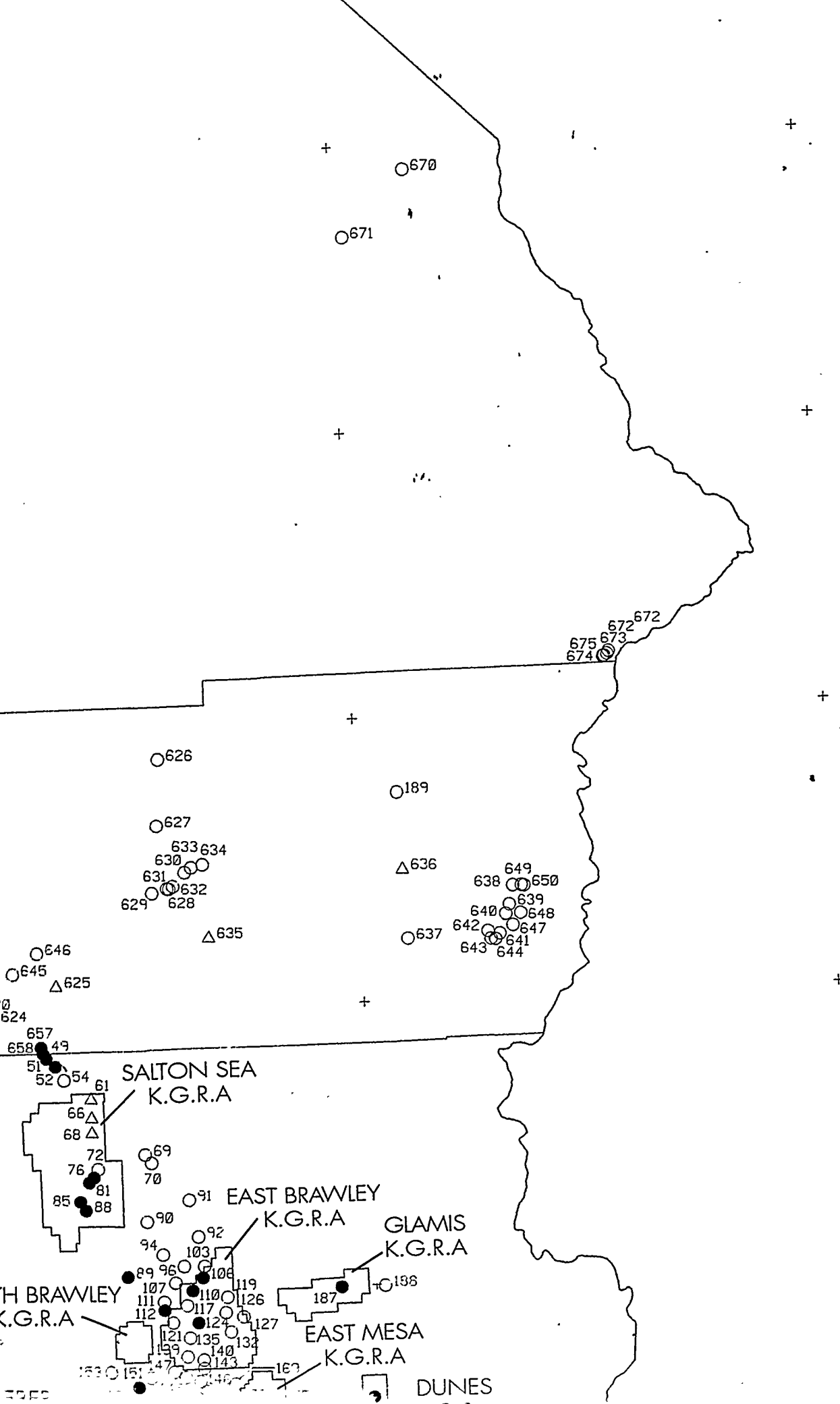
PACIFIC

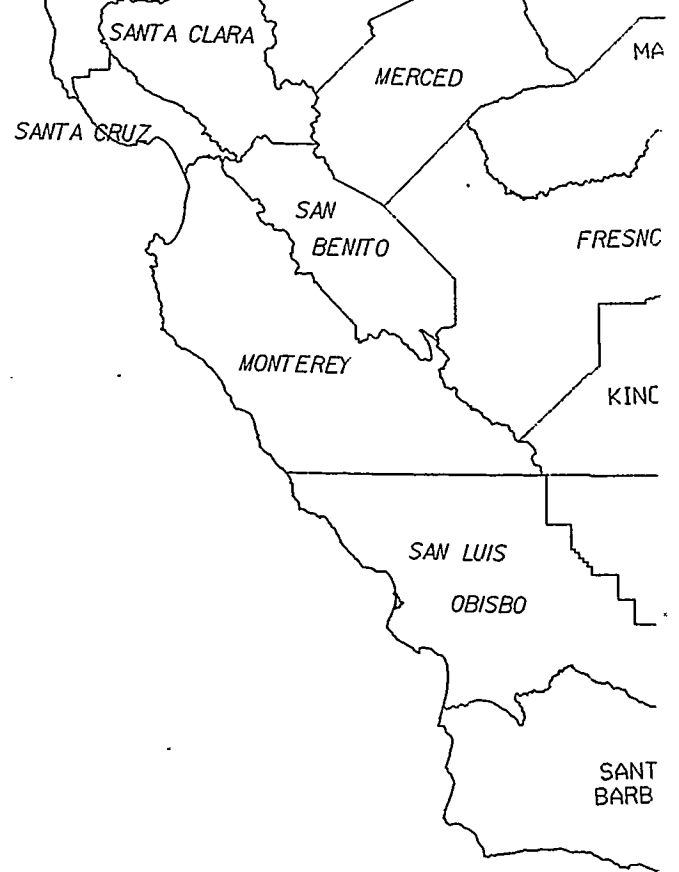
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