

MINUTE ITEM  
This Calendar Item No. 33  
was approved as Minute Item  
by the State Lands

Commission by a vote of 2  
to 0 at its 4-13-88  
meeting.

CALENDAR ITEM

33

04/12/88  
W 40538 PRC 7193  
Pelka

A 61

S 25

APPROVAL OF A PROSPECTING PERMIT FOR MINERALS OTHER THAN  
OIL, GAS, GEOTHERMAL RESOURCES, SAND AND GRAVEL  
SAN BERNARDINO COUNTY

APPLICANT: Geomarex  
P. O. Box 2244  
La Jolla, California 92038

AGENT: Katherine S. Roxlo  
4002 N. 78th Street  
Scottsdale, Arizona 85251

PROPOSED AUTHORIZATION:  
Approval of a prospecting permit for precious  
metals and other valuable minerals other than  
oil, gas, geothermal resources, sand and gravel  
on 639.40 acres of State property, more or  
less, located in San Bernardino County.

CONSIDERATION: Filing fee of \$25, processing fee of \$250 and  
an acreage deposit of \$640.00.

TYPE OF LAND AND LOCATION:  
Vacant, State-owned, school land further  
described as follows: Section 36, Township 16  
North, Range 13 East, San Bernardino Base and  
Meridian, northeastern San Bernardino County.

PROPOSED PROJECT:  
Geomarex proposes to prospect for precious  
metals and other valuable minerals by  
performing geologic mapping and rock chip,  
soil, and biogeochemical sampling.  
Approximately 100 to 500 rock samples weighing  
from 1/2 to 5 pounds each will be extracted  
using a hand held rock hammer. Approximately  
100 to 500 soil samples weighing from 1/2 to  
5 pounds each will be extracted using a small

hand held shovel. Approximately 100 to 500 vegetation samples weighing approximately 1 pound each will be extracted using pruning shears. This 1 pound sample is derived from approximately 20 clippings of a ubiquitous bush. Generally 4 bushes are used per sample with 5 clippings derived per bush. All samples will be taken randomly or on a grid. Sample locations have not been established. All samples will be transported off-site for assaying.

Any vehicle access will be restricted to existing roads and jeep trails. No surface disturbance such as road construction, trenching, blasting or clearing will be permitted.

TERM:

The primary term of this Prospecting Permit is two years. The Commission may, in its discretion, extend the term for one additional year.

ROYALTY:

Royalty payable under the permit shall be 20 percent of the gross value of the minerals secured from the permit area and sold or otherwise disposed of or held for sale or other disposition.

Royalty payable under any preferential lease issued shall not be less than ten percent of the gross value of all mineral production from the leased lands, less any charges approved by the Commission made or incurred with respect to transporting or processing the State's royalty share of production. The determination of said royalty charges shall be at the discretion of the Commission and set forth in said lease.

PREREQUISITE ITEMS:

1. Required statutory filing fee, processing fee and acreage deposit have been submitted by the applicant.
2. Subject parcel is not known to contain a commercially valuable deposit of minerals.

STATUTORY REFERENCES:

- A. P.R.C.: Div. 6, Section 6891.
- B. Cal. Adm. Code: Title 2, Section 2200.

AB 884:

04/30/88.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15061), the staff has prepared and circulated for public review a proposed Negative Declaration identified as EIR ND 434, State Clearinghouse No. 8801 1804, pursuant to the provision of the CEQA. A copy of this environmental document is attached as Exhibit "C".

Based upon the initial study, the proposed Negative Declaration, and the comment received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment (14 Cal. Adm. Code 15074[b]).

2. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370 et. seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.
3. Pursuant to P.R.C. Section 6895, upon establishing to the satisfaction of the Commission that commercially valuable deposits of minerals have been discovered within the limits of the permit, the applicant would have a preferential right to a lease for a maximum of 639.40 acres embraced within the permit. Said right will be subject to all necessary environmental approvals. The issuance of the permit will not affect the discretion of the Commission in granting or denying such lease because of environmental considerations.

4. A portion of the east half of the permit lands are contiguous to a United States Department of the Interior, Bureau of Land Management (BLM) Area of Critical Environmental Concern for a dinosaur trackway. It is believed that this resource may exist in the eastern portion of the permit lands.

Following consultation with the BLM and paleontologic consultant Bob Reynolds of San Bernardino County Museum, mitigation measures have been incorporated into the permit which will avert impacts to this dinosaur trackway resource.

5. The permit lands are located with the East Mojave National Scenic Area which Senator Alan Cranston, by his "California Desert Protection Act" (S.7), seeks to make into a national park. Thus the permit lands, within two years, could be surrounded by a national park. The prospecting permit will specifically state that a lease may be denied for environmental reasons, including the inclusion of the surrounding lands in a national park.

**APPROVALS OBTAINED:**

Pursuant to P.R.C. Section 6890, the subject permit application has been approved by the Office of the Attorney General as to compliance with the applicable provisions of the law.

**EXHIBITS:**

- A. Land Description.
- B. Site Map.
- C. Negative Declaration.

**IT IS RECOMMENDED THAT THE COMMISSION:**

1. CERTIFY THAT NEGATIVE DECLARATION EIR ND 434, STATE CLEARINGHOUSE NO. 8801 1804, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

2. DETERMINE THAT THE PROJECT, AS DESCRIBED IN THE PERMIT, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. DETERMINE THAT THE LANDS DESCRIBED IN THE PERMIT ARE NOT PRESENTLY KNOWN TO CONTAIN COMMERCIALY VALUABLE DEPOSITS OF MINERALS.
4. AUTHORIZE THE ISSUANCE OF A MINERAL PROSPECTING PERMIT TO GEOMAREX FOR A TERM OF TWO YEARS, FOR ALL MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES, SAND AND GRAVEL ON SECTION 36, T16N, R13E, SBM, SAN BERNARDINO COUNTY, CONTAINING APPROXIMATELY 639.40 ACRES, MORE OR LESS; IN ACCORDANCE WITH THE STANDARD FORM OF PERMIT, SUBJECT TO THE UNDERSTANDING THAT IF A COMMERCIAL DISCOVERY IS MADE, THE LEASE MAY BE DENIED FOR ENVIRONMENTAL REASONS, INCLUDING THE INCLUSION OF SURROUNDING LANDS IN A NATIONAL PARK. ROYALTY PAYABLE UNDER THE PERMIT SHALL BE TWENTY PERCENT. ROYALTY PAYABLE UNDER ANY PREFERENTIAL LEASE ISSUED UPON THE DISCOVERY OF COMMERCIALY VALUABLE DEPOSITS OF MINERALS SHALL NOT BE LESS THAN TEN PERCENT OF THE GROSS VALUE OF ALL MINERAL PRODUCTION FROM THE LEASED LANDS, LESS ANY CHARGES APPROVED BY THE COMMISSION MADE OR INCURRED WITH RESPECT TO TRANSPORTING OR PROCESSING THE STATE'S ROYALTY SHARE OF PRODUCTION. THE DETERMINATION OF SAID ROYALTY AND CHARGES SHALL BE AT THE DISCRETION OF THE COMMISSION.

EXHIBIT "A"

LAND-DESCRIPTION

W 40538

A parcel of California State school lands in San Bernardino County, California, described as follows:

Section 36, T16N, R13E, S8M

END OF DESCRIPTION

PREPARED FEBRUARY 11, 1988 BY BIU 1.

0723b

CALENDAR PAGE	255
MINUTE PAGE	1135

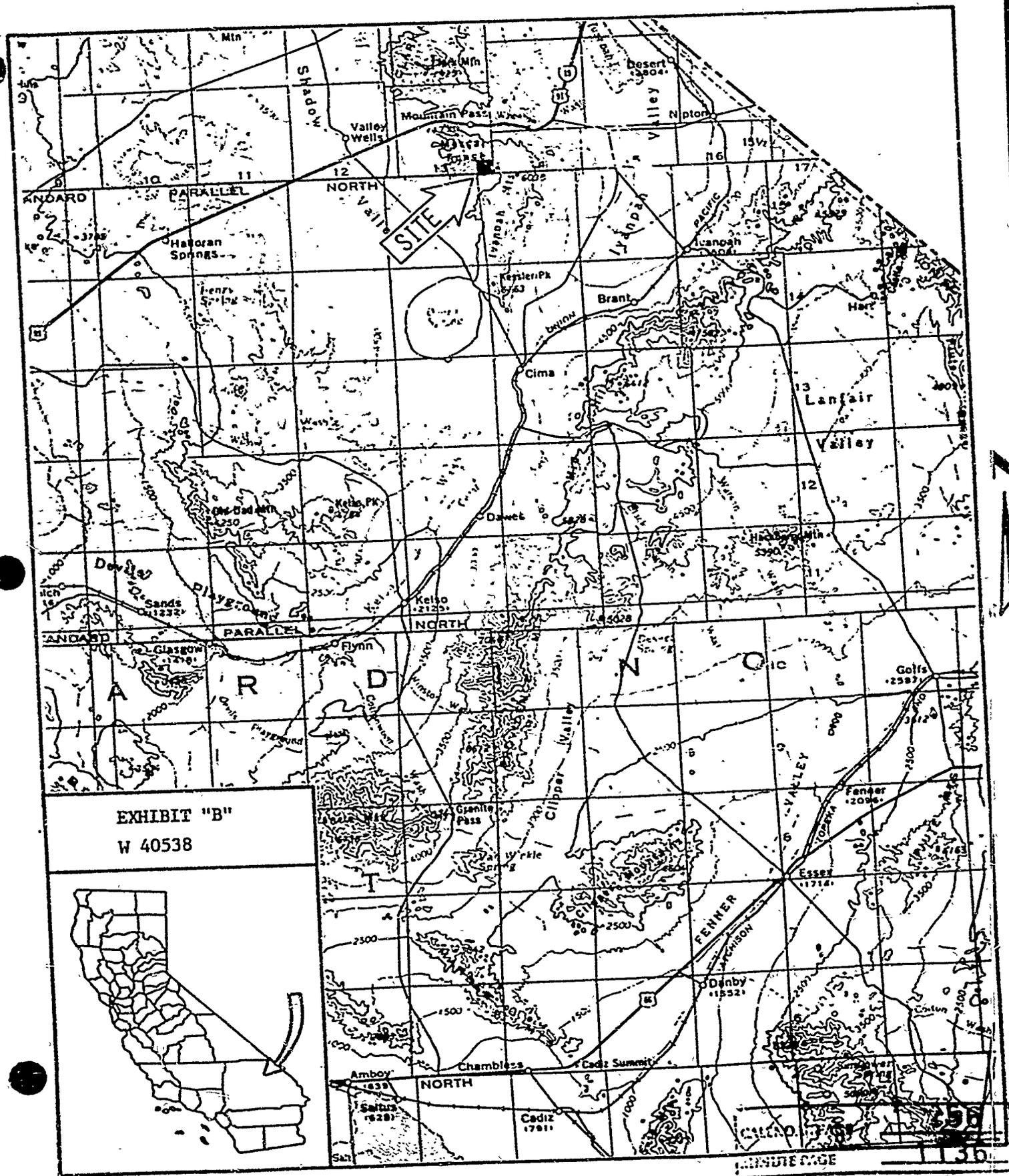


EXHIBIT "B"  
 W 40538

STATE LANDS COMMISSION  
1807 13TH STREET  
SACRAMENTO, CALIFORNIA 95814



WRITE "C"

PROPOSED NEGATIVE DECLARATION

EIR ND 434

File Ref.: W 40538

SCH#: 8801 1804

Project Title: Mineral Prospecting Permit - Mescal Range

Project Proponent: GEOMAREX

Project Location: Section 36, T.16 N., R.13 E., S.B.M., approximately 35 miles north-east of Baker, San Bernardino County.

Project Description: The applicant will prospect for precious metals and other valuable minerals by performing geologic mapping, rock chip sampling, soil sampling, and biogeochemical sampling. Rock chip and soil samples not exceeding five(5) pounds each will be extracted using a hand held rock hammer and small shovel. Vegetation samples not exceeding one(1) pound each will be extracted using a hand held pruning shears. Samples will be assayed off-site.

Contact Person:

TED T. FUKUSHIMA

Telephone: (916)322-7913

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Administrative Code), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Administrative Code).

Based upon the attached Initial Study, it has been found that:

the project will not have a significant effect on the environment.

mitigation measures included in the project will avoid potentially significant effects.

CALENDAR PAGE	257
MINUTE PAGE	1137

File Ref.: W 40538

SCH No.: 8801 1804

Date: January 22, 1988

### INITIAL STUDY INTRODUCTION

GEOMAREX has applied to the State Lands Commission for a mineral prospecting permit on 634.40 acres of State school land described as Section 36, T.16 N., R.13 E., S.B.M., located in the Mescal Range of San Bernardino County. The proposed project will include geological mapping, rock chip sampling, soil sampling, and biogeochemical sampling. Vehicular access to sampling areas will be confined to existing roads and jeep trails. Samples will be removed for off-site assaying. No other mechanical equipment will be utilized.

The permit, when issued, is for a two-year period and may be extended for a maximum one year.

This Initial Study consists of general project information, location maps, environmental setting, detailed project description, applicant's assessment of environmental impacts and certification, staff environmental impact assessment checklist and discussion.

The proposed project is for this specific prospecting only. Any change in activity will require the preparation and circulation for review of appropriate CEQA documents.

STATE LANDS COMMISSION

January 1988

CALENDAR PAGE	258
MINUTE PAGE	1138

W 40538

GENERAL PROJECT INFORMATION

1. Project Location

Section 36, T16 N, R13 E, SBM, north eastern San Bernardino County in the Mescal Range (see attached maps).

2. Existing Zoning and General Plan Description

The assessors parcel number is 0572-081-09. The parcel is zoned DL - Desert Living. The General Plan designation is rural conservation.

3. Existing Land Use

The area encompassed within the proposed permit area is currently open land with no assigned land use. A local prospector was found to be occupying a temporary camp situated adjacent to the Iron Horse Mine. Livestock grazing occurs in the vicinity.

4. Project Description/Proposed Use of Site

Geomarex is seeking to prospect on the land for gold and other minerals in conjunction with their exploration on 180 unpatented mining claims located south and east of the State parcel. Geologic mapping and rock, soil and vegetation geochemical sampling are proposed on the State section.

5. Other Permits Required

There are no additional permits required for this project.

CALENDAR PAGE	259
MINUTE PAGE	1139

EXHIBIT "A"

STATE LANDS COMMISSION

APPLICATION FOR PROSPECTING PERMIT

GEOMAREX

SAN BERNARDINO COUNTY

JANUARY 1988

SOURCE: A.C.S.C. 1/87

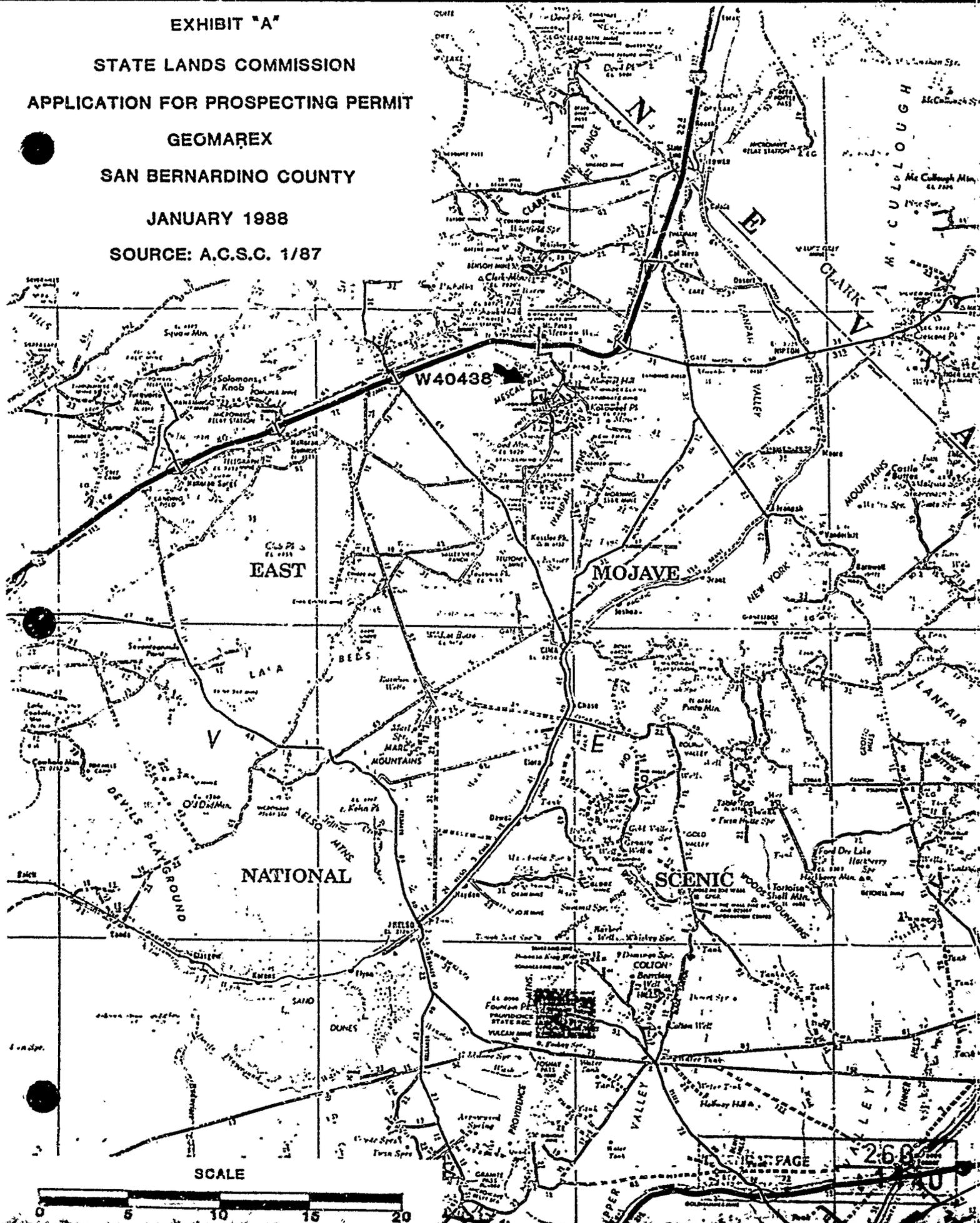
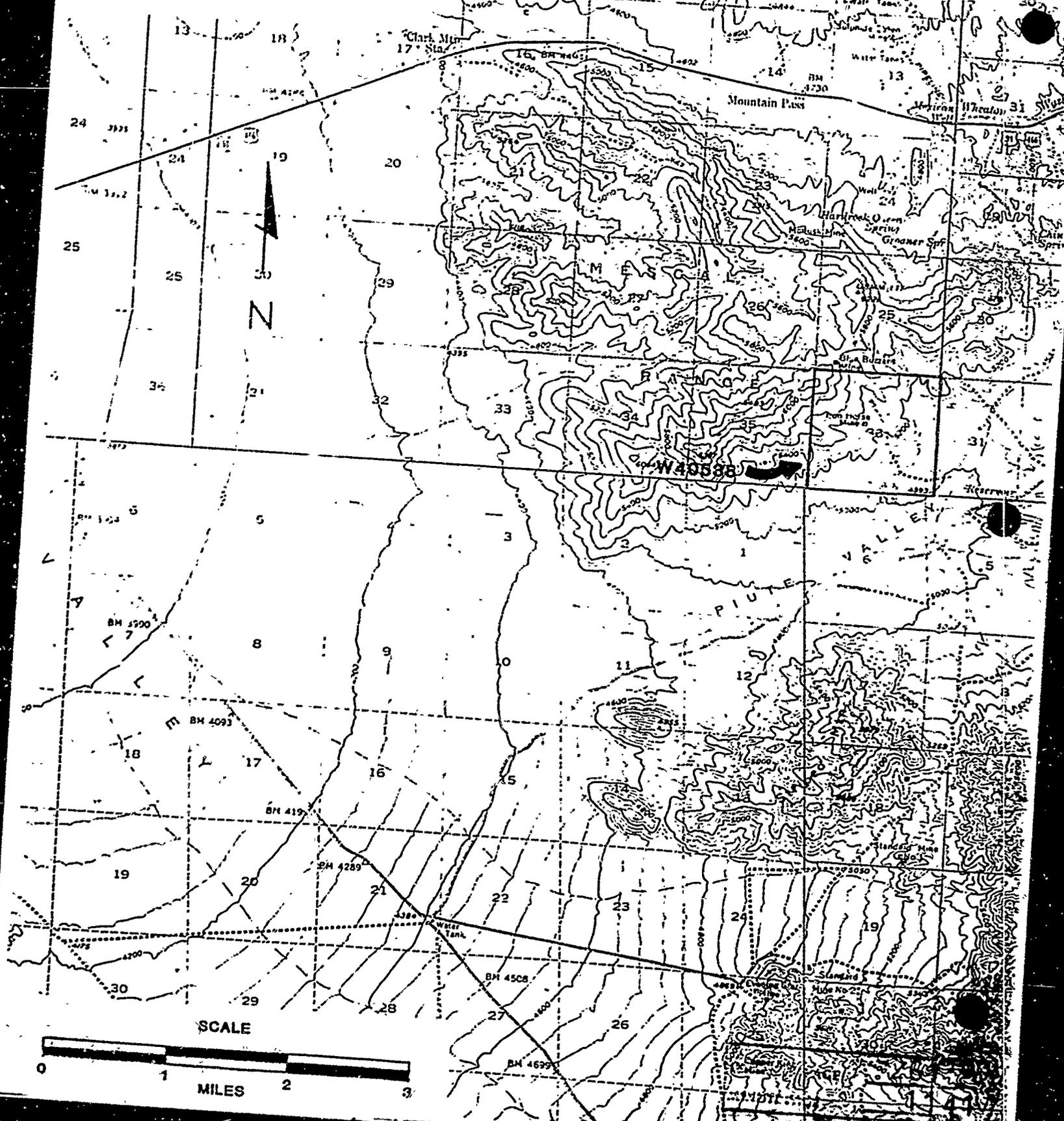


EXHIBIT "B"

MESCAL RANGE, CALIFORNIA

15' USGS QUADRANGLE



## ENVIRONMENTAL SETTING

This State parcel is situated partially on the southeastern flank of the Mescal Range and partially within Piute Valley. It is within the East Mojave National Scenic Area and within lands which Senator Alan Cranston, by his "California Desert Protection Act" (S7), seeks to make into a national park.

The topography slopes steeply to the southeast from approximately 6300 feet in the northwest quarter to 4993 feet at the southeast corner. Annual temperatures range from about 0° F to over 100° F. Precipitation in the area averages approximately eight inches annually. Major plant types include yuccas, mormon-tea, junipers, cholla and barrel cactus, and various desert grasses. The project site probably supports much of the wildlife typical for these elevations of the Mojave desert.

The abandoned Iron Horse Mine is situated in the southeast quarter of State Section 36. Two shafts, a wooden headframe and various mining related materials are present.

The property surrounding the State section is environmentally similar. Dominant land use appears to be prospecting, mining and cattle grazing. The East Mojave National Scenic Area administered by the BLM, is well noted for multiple use.

W 40538

### DETAILED PROJECT DESCRIPTION

Geomarex proposes to prospect by performing geological mapping, rock chip sampling, soil sampling and biogeochemical sampling. Approximately 100 to 500 rock samples weighing from 1/2 to 5 pounds each will be extracted using a small hand held shovel. Approximately 100 to 500 vegetation samples weighing approximately 1 pound each will be extracted using pruning shears. This 1 pound sample is derived from approximately 20 clippings of a ubiquitous bush. Generally 4 bushes are used per sample with 5 clippings derived per bush. All samples will be taken randomly or on a grid. Sample locations have not been established. All samples will be taken off-site for assaying. Vehicular access will be along existing dirt roads and jeep trails. No roads need be constructed or improved.

CALENDAR PAGE	263
MINUTE PAGE	143

## APPLICANTS

### SECTION C: ASSESSMENT OF ENVIRONMENTAL IMPACTS

All phases of a project, such as planning, acquisition, development and operation, shall be considered when evaluating its impact on the environment. Please answer the following questions by placing a check in the appropriate box. Discuss all items checked "yes" or "maybe" on additional sheet(s).

Will the project involve:

- |   | YES                      | MAYBE                               | NO                                  |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. A change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours? . . . . . | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2. A change in scenic views from existing residential areas or public lands or roads? . . . . .   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. A change in pattern, scale or character of the general area of the project? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Significant effect on plant or animal life? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Significant amounts of solid waste or litter? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 6. A change in dust, ash, smoke, fumes or odors in the vicinity? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 7. A change in ocean, bay, lake, stream or ground water quality or quantity, or an altering of existing drainage patterns? . . . . .      | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 8. A change in existing noise or vibration levels in the vicinity? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 9. Construction on filled land or on a slope of 10 percent or more? . . . . .   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 10. Use or disposal of potentially hazardous materials such as toxic or radioactive substances, flammables or explosives? . . . . .       | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 11. A change in demand for municipal services (e.g., police, fire, water, sewage)? . . . . .  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 12. Increase in fossil fuel consumption (e.g., electricity, oil, natural gas)? . . . . .  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 13. A larger project or a series of projects? . . . . .   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

At this point, no significant environmental impact is anticipated however, if significant concentrations of minerals are located on the section, a larger project is anticipated.

13. As stated previously, if initial mapping and geochemical sampling give encouraging results, additional exploration would be proposed. This could include but might not be limited to: additional rock, soil, and vegetation sampling; drilling; geophysical

PART V  
CERTIFICATION

*I certify that all information and materials furnished in this application are true and complete to the best of my knowledge and belief. I recognize that this application and the project it addresses are subject to all laws of the State of California, and the regulations and discretionary policies of the State Lands Commission.*

Applicant: GEOMAREX Date: 9/25/87

Title: \_\_\_\_\_

Agent: Katherine S. Rexlo Date: 9/25/87

Title: geologist

CALENDAR PAGE	265
MINUTE PAGE	1145

## ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13,20 (7/82)

File Ref.: W 40538

## I. BACKGROUND INFORMATION

- A. Applicant: Geomarex  
P.O. Box 2244  
LaJolla, CA 92026
- B. Checklist Date: 01 / 29 / 88
- C. Contact Person: Gregory J. Pelka  
 Telephone: ( 213 ) 590-5234
- D. Purpose: Prospecting for precious metals and other valuable minerals
- E. Location: Section 36, T16N, R13E, SBM, San Bernardino County
- F. Description: Geological mapping, rock chip sampling, soil sampling and biogeochemical sampling
- G. Persons Contacted:  
Joe Bellandi - San. Bernardino County Planning Department  
385 N. Arrowhead, 1st Floor, San Bernardino, CA 92415-0181  
John Bailey - Bureau of Land Management, Needles Resource Area  
101 West Spikes Road, Needles, CA 92363  
Bob Vernoy - Department of Fish and Game  
245 West Broadway, Suite 350, Long Beach, CA 90802-4471  
Mila Silvestre - Regional Water Quality Control Board (7)  
73-271 Hwy. 111, Suite 21, Palm Desert, CA 92260

## II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

## A. Earth. Will the proposal result in:

- |  | Yes                                 | Maybe                    | No                                  |
|--|-------------------------------------|--------------------------|-------------------------------------|
| 1. Unstable earth conditions or changes in geologic substructures? .....   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Disruptions, displacements, compaction, or overcovering of the soil? .....  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Change in topography or ground surface relief features? .....   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. The destruction, covering, or modification of any unique geologic or physical features? .....   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Any increase in wind or water erosion of soils, either on or off the site? .....  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake? ..... | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? .....  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

 CALENDAR PAGE  
 MINUTE PAGE

266

1146

		Yes	Maybe	No
<b>B. Air</b> Will the proposal result in:				
1	Substantial air emissions or deterioration of ambient air quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	The creation of objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>C. Water</b> Will the proposal result in:				
1	Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Alterations to the course or flow of flood waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Change in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Alteration of the direction or rate of flow of ground waters?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Substantial reduction in the amount of water otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Exposure of people or property to water-related hazards such as flooding or tidal waves?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Significant changes in the temperature, flow or chemical content of surface thermal springs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>D. Plant Life</b> Will the proposal result in:				
1	Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Reduction of the numbers of any unique, rare or endangered species of plants?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Reduction in acreage of any agricultural crop?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>E. Animal Life</b> Will the proposal result in:				
1	Change in the diversity of species or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Reduction of the numbers of any unique, rare or endangered species of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Deterioration to existing fish or wildlife habitat?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>F. Noise</b> Will the proposal result in:				
1	Increase in existing noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>G. Light and Glare</b> Will the proposal result in:				
1	The production of new light or glare?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>H. Land Use</b> Will the proposal result in:				
1	A substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>I. Natural Resources</b> Will the proposal result in:				
1	Increase in the rate of use of any natural resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Substantial depletion of any nonrenewable resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- J. Risk of Upset** Does the proposal result in
1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions? Yes  Maybe  No
2. Possible interference with emergency response plan or an emergency evacuation plan?
- K. Population** Will the proposal result in:
1. The alteration, distribution, density, or growth rate of the human population of the area?
- L. Housing** Will the proposal result in:
1. Affecting existing housing, or create a demand for additional housing?
- M. Transportation/Circulation.** Will the proposal result in:
1. Generation of substantial additional vehicular movement?
2. Affecting existing parking facilities, or create a demand for new parking?
3. Substantial impact upon existing transportation systems?
4. Alterations to present patterns of circulation or movement of people and/or goods?
5. Alterations to waterborne, rail, or air traffic?
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?
- N. Public Services.** Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:
1. Fire protection?
2. Police protection?
3. Schools?
4. Parks and other recreational facilities?
5. Maintenance of public facilities, including roads?
6. Other governmental services?
- O. Energy** Will the proposal result in:
1. Use of substantial amounts of fuel or energy?
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?
- P. Utilities.** Will the proposal result in a need for new systems, or substantial alterations to the following utilities:
1. Power or natural gas?
2. Communication systems?
3. Water?
4. Sewer or septic tanks?
5. Storm water drainage?
6. Solid waste and disposal?
- Q. Human Health.** Will the proposal result in:
1. Creation of any health hazard or potential health hazard (excluding mental health)?
2. Exposure of people to potential health hazards?
- R. Aesthetics.** Will the proposal result in:
1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?
- S. Recreation.** Will the proposal result in:
1. An impact upon the quality or quantity of existing recreational opportunities?

STANDARD PAGE 268  
 MINUTE PAGE 1148

T. *Cultural Resources.*

- |   | Yes                      | Maybe                    | No                                  |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?              | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?              | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

U. *Mandatory Findings of Significance.*

- |  |                          |                          |                                     |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does the project have impacts which are individually limited, but cumulatively considerable?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

A2. Soil sampling will cause minor disruption of the soil.

The proposed prospecting project is consistent with existing zoning, plans and land use controls.

Reclamation of disturbed soil and vegetation will occur in a natural manner.

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

- I find the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A **NEGATIVE DECLARATION** will be prepared.
- I find the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

Date: 01 / 29 / 88

*Gregory J. Peltier*  
 For the State Land Commission

DATE PAGE	269
MINUTE PAGE	1149

Mailing List - W 40538

- Air Resources Board  
Attn.: Genevieve Shirona  
1102 "Q" Street  
Sacramento, CA 95814
- \* Department of Conservation  
Attn.: Dennis O'Bryant  
1416 Ninth Street, Room 1326-2  
Sacramento, CA 95814
- \* Department of Forestry  
Attn.: Douglas Wickizer  
1416 Ninth Street, Room 1516-2  
Sacramento, CA 95814
- \* Department of Health  
Attn.: Aida Wyatt  
714 "P" Street, Room 1253  
Sacramento, CA 95814
- \* Native American  
Heritage Commission  
Attn.: William A. Johnson  
915 Capitol Mall, Room 288  
Sacramento, CA 95814
- \* Office of Historic Preservation  
Attn.: Hans Kreutzberg  
P.O. Box 942896  
Sacramento, CA 94296-0001
- \* Department of Parks and Recreation  
Attn.: James M. Boyle  
P.O. Box 942896  
Sacramento, CA 94296-0001
- \* Department of Transportation  
District 8  
Attn.: Guy Visbal  
247 West Third Street  
San Bernardino, CA 92403
- \* Dept. of Fish and Game  
Attn.: F. A. Worthley, Jr.,  
Regional Manager  
245 West Broadway, Suite 350  
Long Beach, CA 90802
- \* State Water Resources Control Board  
Division of Water Quality  
Attn.: Ed Anton  
P.O. Box 100  
Sacramento, CA 95801
- \* Colorado River Basin Region (7)  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260
- \* San Bernardino County Planning Dep  
Attn.: John N. Jaquess  
385 No. Arrowhead Avenue  
San Bernardino, CA 92415-0182
- \* United States  
Dept. of the Interior  
Bureau of Land Management  
Needles Resources Area  
Attn.: Everell G. Hayes  
101 W. Spikes Road  
Needles, CA 92363
- \* San Manuel Reservation  
Attn.: Henry Duro  
Chairperson  
5771 North Victoria Ave.  
Highland, CA 92346
- \* Twenty Nine Palms Reservation  
Attn.: Dean Mike  
Spokesman  
2116 "A"  
Bellingham, WA 98225
- \* Chemehuevi Tribal Council  
Attn.: Richard Alvarez  
P. O. Box 1976  
Chemehuevi Valley, CA 92363
- \* Mojave Tribal Council  
Attn.: Minerva Jenkins  
500 Merriman  
Needles, CA 92363

