

MINUTE ITEM

This Calendar Item No. C50
was approved as Minute Item
No. C50 by the State Lands
Commission by a vote of 3
2 at its 6/11/90
meeting.

CALENDAR ITEM

A 61
S 25

C 50

06/11/90
PRC 7193
Pelka

**APPROVE EXTENSION OF PERMIT TO PROSPECT
FOR MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES
SAND AND GRAVEL, SAN BERNARDINO COUNTY**

APPLICANT: Australmin
P. O. Box 2244
LA Jolla, California 92038

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

TERM OF EXTENSION:
May 1, 1990 through April 30, 1991.

PREREQUISITE CONDITIONS, FEES, AND EXPENSES:
Application for extension submitted by
Permittee.

Statutory filing fee and processing fee has
been submitted by permittee.

STATUTORY REFERENCES:
A. P.R.C. Div. 6, Section 6891.
B. Cal. Code Regs.: Title 2, Section 2200.

AB 884: N/A.

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OTHER PERTINENT INFORMATION:

1. Prospecting Permit PRC 7193 authorized geologic mapping, rock chip sampling and biogeochemical sampling. All sampling is performed with small hand-held tools. All vehicle access is restricted to existing roads and jeep trails.

Mapping and sampling work on the State section has been performed in conjunction with similar work on Australmin's adjacent 182 federal mining claims comprising an area five times the acreage of the State section and known collectively as the Red Ledge Property (See Exhibit "D").

Prospecting has delineated anomalous mineralized areas that warrant additional mapping and sampling prior to drilling. Under an agreement being negotiated with Phelps Dodge, Phelps Dodge would perform their own mapping and sampling prior to committing additional exploration funds. Due to the nature of disseminated gold deposits typically requiring several square miles of land for development, it is advantageous to the State for Australmin to continue exploration of the State parcel in conjunction with their mining claims since it is unlikely that the State parcel could be developed independently.

2. After reviewing the request for extension of the permit, staff believes there are no circumstances surrounding the project nor changes in the environment or the project that indicate the proposed action will have a significant effect on the environment.
3. The primary term of a prospecting permit is two years. The Commission may, at its discretion, extend the term for one additional year.
4. The exploration work proposed and reviewed under the Negative Declaration will not provide the information required to determine the existence of a commercially valuable mineral deposit for support of an application for a preferential mineral extraction lease.

CALENDAR ITEM NO. C 50 (CONT'D)

ENVIRONMENTAL INFORMATION:

1. A Negative Declaration which included the proposed extension was prepared by the Commission staff pursuant to CEQA and implementing regulations, and was certified by the Commission on April 12, 1988.
2. Pursuant to P.R.C. Section 6895, the permittee under a prospecting permit, upon establishing to the satisfaction of the Commission that commercially valuable deposits of minerals have been discovered, will have a preferential right to a lease for a maximum of 639.40 acres embraced within the permit. Said right shall be subject to all necessary environmental approvals. The extension of the permit will not affect the discretion of the Commission in granting or denying any subsequent activity on the basis of environmental consideration.
3. 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.
4. The permitted lands are located within the Bureau of Land Management East Mojave National Scenic Area which under the proposed California Desert Protection Act, S-11, would become a national park. The permit states that a lease may be denied on grounds that the permitted lands are surrounded by lands which are, or in the foreseeable future may be included within a national park.

EXHIBITS:

- A. Land Description.
- B. Site Map.
- C. Negative Declaration.
- D. Red Ledge Property Map.

CALENDAR ITEM NO. C 50 (CONT'D)

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT A NEGATIVE DECLARATION WAS ADOPTED FOR THE PROJECT BY THE COMMISSION ON APRIL 12, 1988 PURSUANT TO THE PROVISIONS OF THE CEQA, THAT A DETERMINATION WAS MADE THAT THE PROJECT WOULD NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, AND THAT SAID DOCUMENT AND DETERMINATION REMAIN VALID FOR THE PROPOSED ACTION.
2. PURSUANT TO SECTION 6891 OF THE P.R.C., AUTHORIZE THE EXTENSION THROUGH APRIL 30, 1991, OF THE PROSPECTING PERMIT PRC 7193, ISSUED TO AUSTRALMIN, TO PROSPECT FOR ALL MINERALS OTHER THAN OIL AND GAS, GEOTHERMAL RESOURCES AND SAND AND GRAVEL; ALL TERMS AND CONDITIONS OF THE PERMIT ARE TO REMAIN IN FULL FORCE AND EFFECT.

(REVISED 06/25/90)

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EXHIBIT "A"

LAND DESCRIPTION

PRC 7193

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

Section 36, T16N, R13E, SBM

END OF DESCRIPTION

PREPARED FEBRUARY 11, 1988 BY BIU 1.

0723b

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STATE LANDS COMMISSION
1807 13TH STREET
SACRAMENTO, CALIFORNIA 95814



EXHIBIT "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)322-7813

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 regulation (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

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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

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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

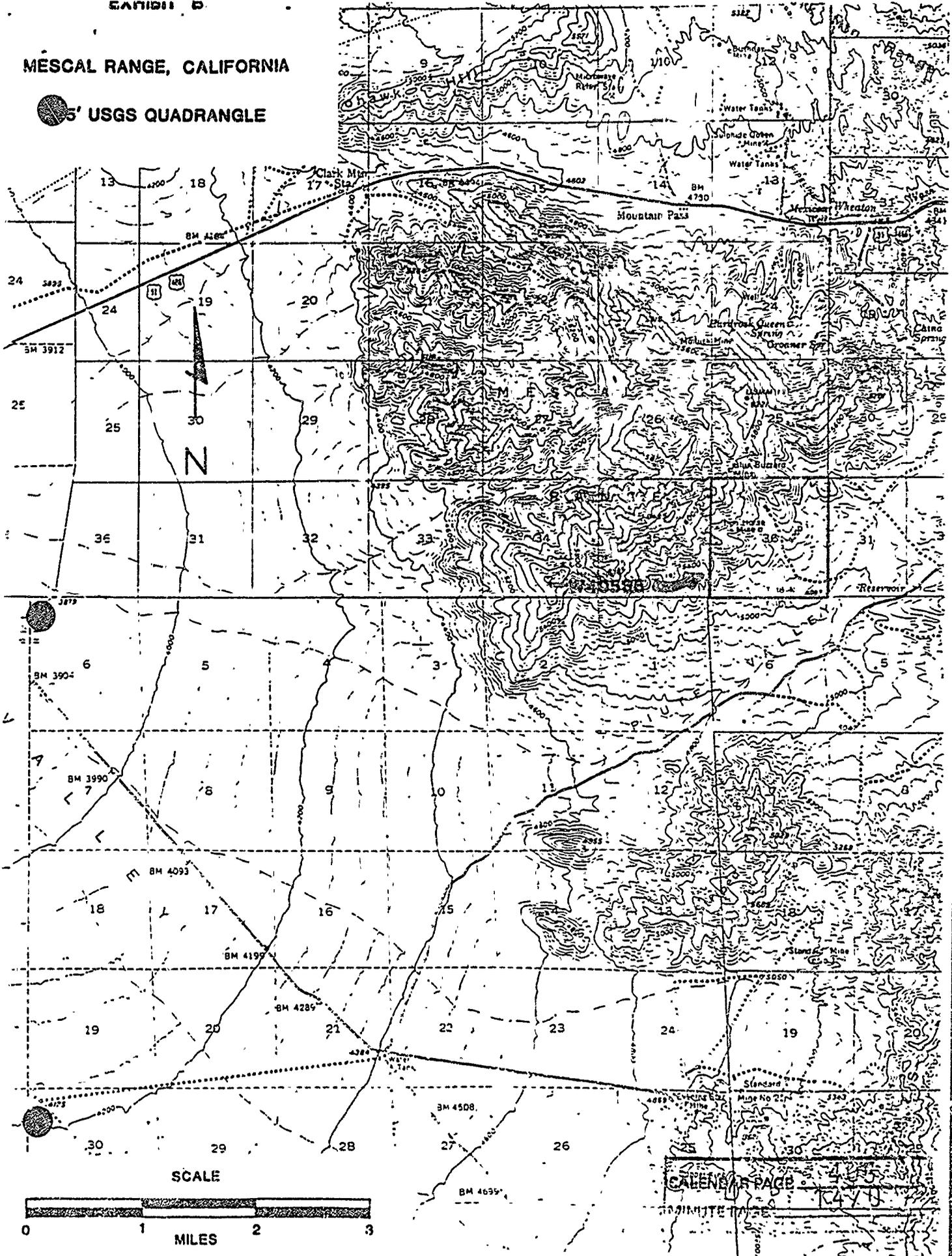
There are no additional permits required for this project.

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515011 D

MESCAL RANGE, CALIFORNIA

5' USGS QUADRANGLE



CALIFORNIA PAGE 1470

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.

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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.

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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 type="checkbox"/>
3. A change in pattern, scale or character of the general area of the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input checked="" 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 surveys.

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: 9/25/57

Title: _____

Agent: Katherine S. T. [unclear] Date: 9/25/57

Title: _____

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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 93028

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 structures?	<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"/>

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- | | Yes | Maybe | No |
|--|--------------------------|--------------------------|-------------------------------------|
| B. Air. 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"/> |
| C. Water. 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"/> |
| D. Plant Life. 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"/> |
| E. Animal Life. 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"/> |
| F. Noise. 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"/> |
| G. Light and Glare. Will the proposal result in: | | | |
| 1. The production of new light or glare? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| H. Land Use. 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"/> |
| I. Natural Resources. 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"/> |

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J. Risk of Upset. Does the proposal result in:

- | | Yes | Maybe | No |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Possible interference with emergency response plan or an emergency evacuation plan? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

K. Population. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. The alteration, distribution, density, or growth rate of the human population of the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

L. Housing. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Affecting existing housing, or create a demand for additional housing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

M. Transportation/Circulation. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Generation of substantial additional vehicular movement? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Affecting existing parking facilities, or create a demand for new parking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Substantial impact upon existing transportation systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Alterations to present patterns of circulation or movement of people and/or goods? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Alterations to waterborne, rail, or air traffic? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Parks and other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Maintenance of public facilities, including roads? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Other governmental services? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

O. Energy. Will the proposal result in:

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Use of substantial amounts of fuel or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources? .. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

P. Utilities. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

- | | | | |
|------------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Power or natural gas? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Communication systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Water? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Sewer or septic tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Storm water drainage? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Solid waste and disposal? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Q. Human Health. Will the proposal result in:

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Creation of any health hazard or potential health hazard (excluding mental health)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to potential health hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|-------------------------------------|--------------------------|

S. Recreation. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 1. An impact upon the quality or quantity of existing recreational opportunities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|

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?
- 2 Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?
- 3 Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?
- 4 Will the proposal restrict existing religious or sacred uses within the potential impact area?

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?
- 2 Does the project have the potential to achieve short term, to the disadvantage of long-term, environmental goals?
- 3 Does the project have impacts which are individually limited, but cumulatively considerable?
- 4 Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

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

George J. Peltier
 For the State Lands Commission
 DATE PAGE 413
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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. Doyle
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 Boradway, 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 Dept.
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.: Minorva Jenkins
500 Merriman
Needles, CA 92363

Colorado River Indian Tribes
Attn.: Anthony Drennan
Route 1, Box 23-B
Farker, AZ 85344

* Scott Simons
Desert Task Force
Sierra Club, San Geronio Chapter
P. O. Box 1062
Phelan, CA 92371

* Bill Havert
Conservation Coordinator
Sierra Club, San Geronio Chapter
568 N. Mountain View, Suite 130
San Bernardino, CA 92401

* Citizens for Mojave National Park
Attn.: Peter Burk
P. O. Box 106
Barstow, CA 92311

Jeff Sharpe
Conservation Committee
Sierra Club, Mojave Group
14944 Luna Road
Victorville, CA 92392

* Western Mining Council
Attn.: Greg Oullette
2051 Pacific Avenue
Norco, CA 91760

** Katherine S. Roxlo
4002 N. 78th Street
Scottsdale, AZ 85251

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EXHIBIT D

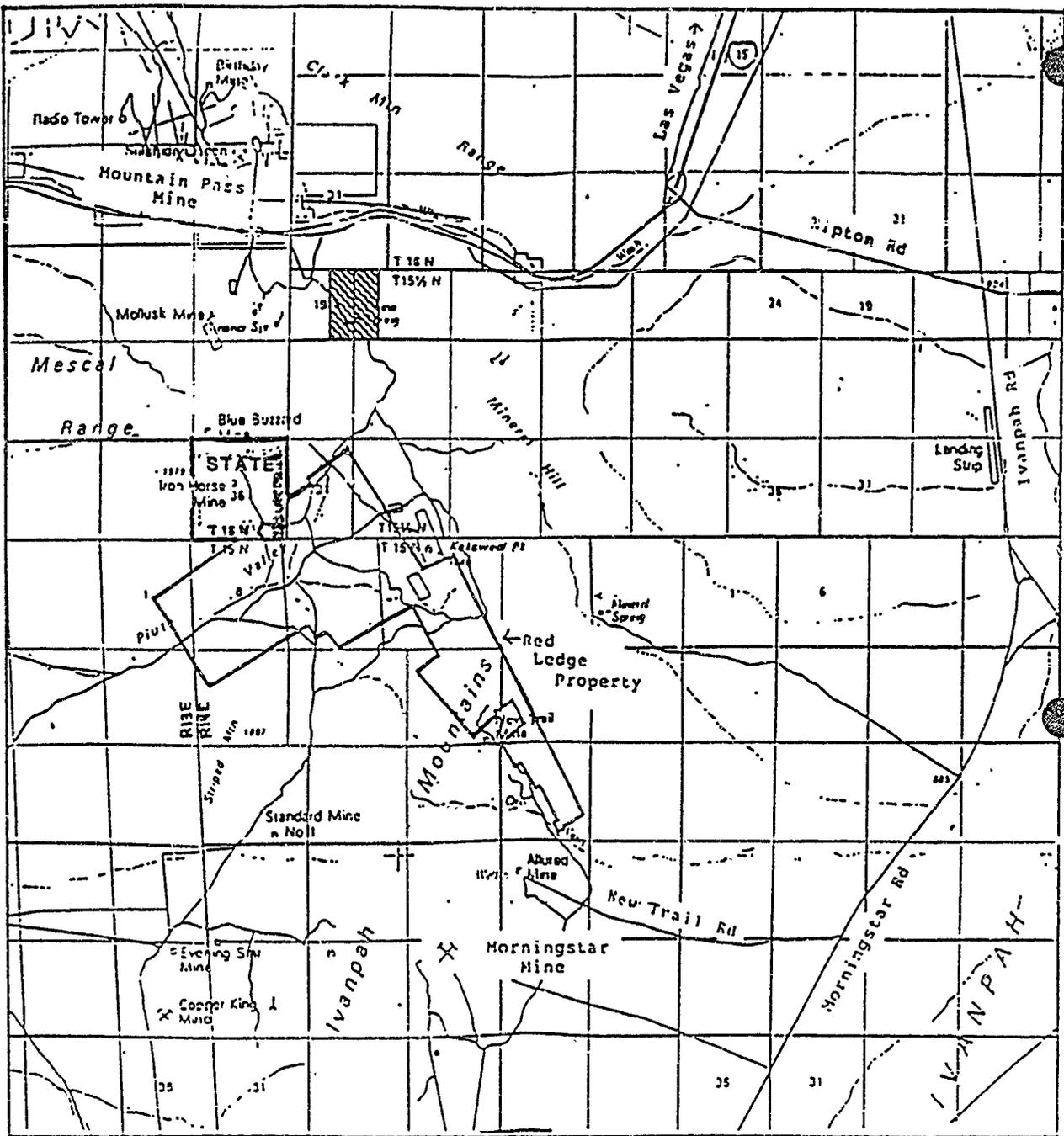


Figure 1. Location map of the Red Ledge Property.

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