MINUTE ITEM
This Calendar Item No. C20
was approved as Minute Item
No. 20 by the State Lands
Commission by a vote of 2
to 0 at its 9/14/88
meeting.

CALENDAR ITEM

A 68

C20

09/14/88
WP 6789
Pelka

PRC 6789

S 36

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

APPLICANT: Texasgulf Minerals and Metals, Inc.
5932 McIntyre Street
Golden, Colorado 80403

AGENT: Paul D. Hartley
5932 McIntyre Street
Golden, Colorado 80403

PROPOSED AUTHORIZATION:
Approval of a Prospecting Permit for two years to prospect for precious metals and other valuable minerals, other than oil, gas, geothermal resources and sand and gravel on 640 acres of land located in Riverside County.

CONSIDERATION: Filing fee of $25, expense deposit of $250 and an acreage deposit of $640.

TYPE OF LAND AND LOCATION:
State school land - Section 16, T2S, R23E, SBM, Riverside County, ten miles southwest of Vidal.

PROPOSED PROJECT:
Texasgulf Minerals and Metals, Inc. proposes to prospect by drilling eight (8) diamond core holes, up to three inches in diameter, to a maximum depth of 500 feet. A Longyear 38 or equivalent core rig will be used. Support equipment will include a Beane water pump. A Soloy Bell helicopter or equivalent will be used to fly the drill rig into the area and from site to site. Small drill pads measuring

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approximately eight feet by ten feet will be prepared with hand-held picks and shovels. Each drill hole will require a sump measuring approximately four feet by six feet by two feet for drill cuttings and drill mud. These will also be excavated by hand. The drill mud will consist of finely crushed barite and water. Bentonitic clays may be used to stabilize holes. A water supply will be provided by driving a four wheel drive water truck to the closest spot along existing roads, then pumping the water to the site. A two man drilling crew and one geologist will walk to the rig after driving to the closest spot along existing roads. All personnel will lodge in Blythe. Core boxes will be either packed out or flown out for off-site assay.

This project is a progression from geologic mapping, rock ship sampling and drilling performed by Texasgulf Minerals and Metals, Inc. under a previous permit held April 1, 1985 through March 31, 1988.

SURFACE DISTURBANCE:

All vehicle access will be restricted to existing roads and jeep trails. No road construction, blasting or clearing is permitted.

The maximum estimated surface disturbance is less than 0.02 acre. The maximum excavated volume, including drill holes, pads and sumps, is approximately 22 cubic yards.

RECLAMATION:

Each drillsite will be returned to its original contour to the extent feasible. Mud pits will be backfilled with drill cuttings upon completion of drilling and each site will be cleared of all trash and debris. Drill holes shall be abandoned by backfilling from bottom to top with a suitable impervious material and surface plugged with three feet of cement.

TERM:

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

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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: 11/19/88.

ENVIRONMENTAL INFORMATION:

1. The California Department of Fish and Game has recommended that project activities be confined to the months of October, November, December, January and February to preclude adverse impact to the desert tortoise. Their recommendation has been incorporated as a mitigation measure in Exhibit "A" of the permit.

2. The permit lands are located within Bureau of Land Management Wilderness Study Area CDCA-321. The surrounding lands are also within the lands which Senator Alan Cranston, by his "California Desert Protection Act" (S.7), seeks to make into a

wilderness area. Thus, the permit lands, within two years, would be surrounded by a federal wilderness area. The prospecting permit specifically states that a lease may be denied for environmental reasons, including the inclusion of the surrounding lands in a federal wilderness area.

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 443, State Clearinghouse No. 88041102, 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. 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 640 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.

3. Permit shall provide for a performance bond of $10,000 in favor of the State.

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.
D. Riverside County Planning Department Letter of Approval

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT NEGATIVE DECLARATION EIR ND 443, STATE CLEARINGHOUSE NO. 88041102, 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 APPROVED, WILL NOT A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

3. DETERMINE THAT THE LANDS DESCRIBED IN THE PERMIT ARE NOT PRESENTLY KNOWN TO CONTAIN COMMERCIALLY VALUABLE DEPOSITS OF MINERALS.

4. AUTHORIZE THE ISSUANCE OF A MINERAL PROSPECTING PERMIT TO TEXASGULF MINERAL AND METALS, INC. FOR A TERM OF TWO YEARS, FOR ALL MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES, SAND AND GRAVEL ON SECTION 16, T2S, R23E, SBM, RIVERSIDE COUNTY, CONTAINING APPROXIMATELY 640 ACRES, MORE OR LESS; IN ACCORDANCE WITH THE STANDARD FORM OF PERMIT, SUBJECT TO THE CONDITION THAT IF A COMMERCIAL DISCOVERY IS MADE, THE LEASE MAY BE DENIED FOR ENVIRONMENTAL REASONS, INCLUDING THE INCLUSION OF SURROUNDING LANDS IN A FEDERAL WILDERNESS AREA. ROYALTY PAYABLE UNDER THE PERMIT SHALL BE TWENTY PERCENT. ROYALTY PAYABLE UNDER ANY PREFERENTIAL LEASE ISSUED UPON THE DISCOVERY OF COMMERCIALLY 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.

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EXHIBIT "A"

LAND DESCRIPTION

WP 6789.2

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

Section 16, T2S, R23E, SBM.

END OF DESCRIPTION

PREPARED DECEMBER 26, 1984 BY BOUNDARY SERVICES UNIT, M. L. SHAFER, SUPERVISOR.

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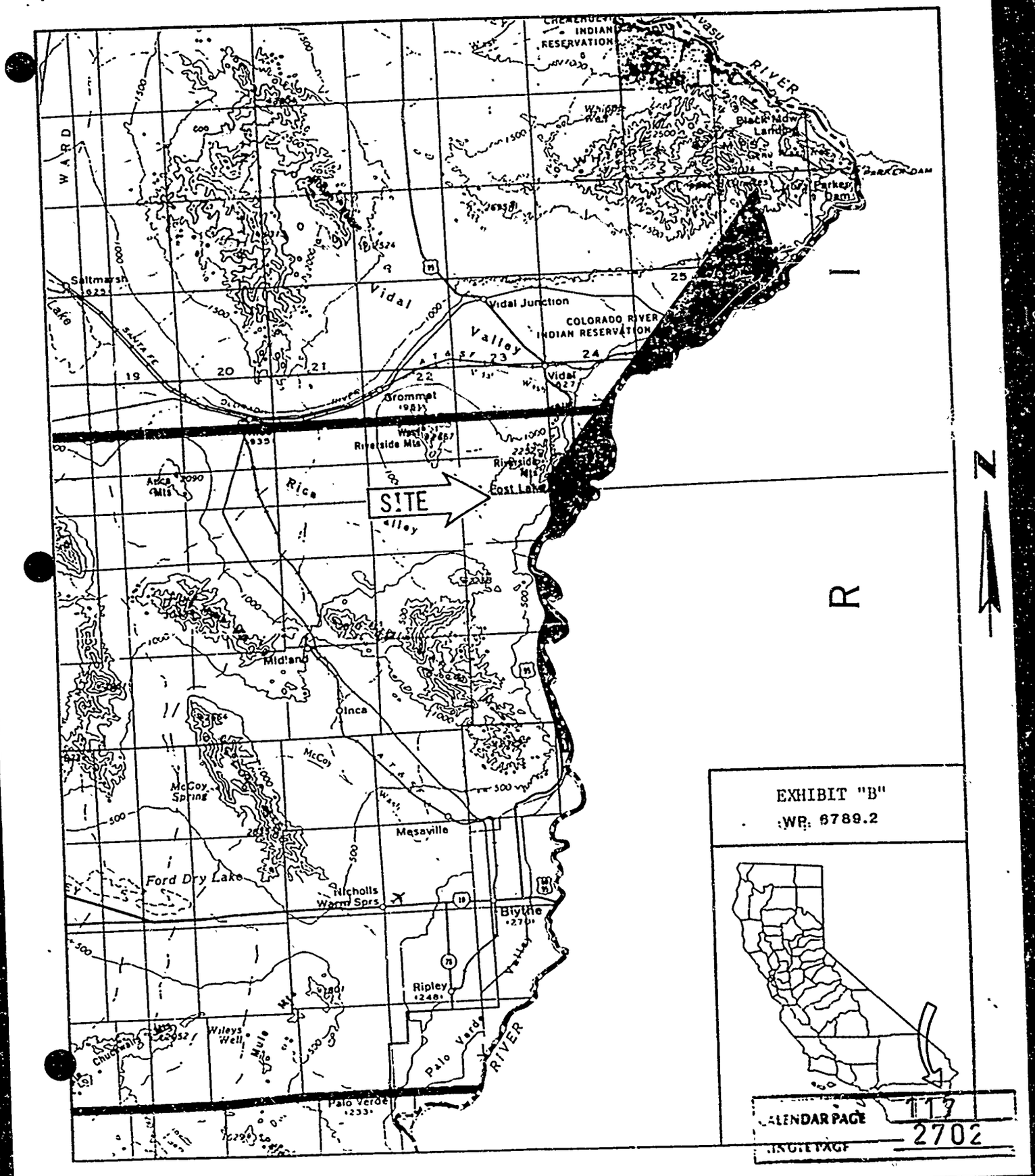
INDIAN RESERVATION
WARD
Saltmarsh
Lake
Vidal
Vidal Junction
Valley
COLORADO RIVER INDIAN RESERVATION
Vidal
Grommet
Riverside Mts
Rice
SITE
Valley
Midland
Olinca
McCoy
McCoy Spring
Mesaville
Ford Dry Lake
Nicholls Warm Spgs
Blythe
Ripley
Wiley's Well
Mule
Palo Verde
RIVER
Parker Dam
Black Mdw Landing
R 22 E
EXHIBIT "B"
WR. 6789.2
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2702

GEORGE DEUKMEJIAN, Governor

STATE OF CALIFORNIA, STATE LANDS COMMISSION

STATE LANDS COMMISSION
1807 13TH STREET
SACRAMENTO, CALIFORNIA 95814

EXHIBIT "C"

PROPOSED NEGATIVE DECLARATION

EIR ND 443

File Ref.: WP 6789

SCH#:88041102

Project Title: Mineral Prospecting Permit

Project Proponent: Texasgulf Minerals and Metals, Inc.

Project Location: Section 16, T2S, R23E, SBM, located in the Riverside Mountains of Riverside County approximately 28 miles north of Blythe.

Project Description: Drill eight diamond core holes totalling approximately 3,800 feet using a Longyear 38 core rig or equivalent, to obtain samples for off-site assay. A helicopter will transport the drill rig onto the parcel and from site to site. Drill sites (approximately 8' by 10') on slopes greater than 10 degrees may be cut with hand tools to accomodate the drill rig and water pump. One sump per hole (4' by 6' by 2') may be excavated with hand tools to accomodate drill cuttings and drill mud.

Telephone: (916) 322-7813

Contact Person: Ted T. Fukushima

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.

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File Ref.: WP 6789
SCH# 88041102

MITIGATION MEASURES

Proposed for Incorporation Into The Project Description

1. Project activities shall be confined to the months of October, November, December, January and February to preclude adverse impacts to the desert tortoise.

2. All vehicle speed shall not exceed 20 miles per hour for the safety of personnel and equipment and to reduce the production of fugitive dust.

3. All vehicular access shall be confined to existing roads and jeep trails.

4. Lessee shall perform all activities so as to minimize impact on vegetation. No vegetation may be removed.

5. All drill holes shall be abandoned from bottom to top with a suitable impervious material. Suitable impervious materials include neat cement, sand-cement grout, concrete or bentonite clay.

6. Drill muds, cuttings and sump material shall be used to properly abandon any sumps excavated. Remaining materials shall be evenly spread on the drill site so as to blend with the surrounding area.

7. All disturbed drill sites shall be recontoured and raked.

8. All trash generated from the project shall be promptly removed and disposed of at an appropriate public site.

9. Permittee shall notify staff member Greg Pelka at (213) 590-5201 at lease one week prior to commencing operations.

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File Ref.: WP 6789.2
SCH No.: 88041102
June, 1988

INITIAL STUDY INTRODUCTION

Texasgulf Minerals and Metals, Inc. nas applied to the State Lands Commission for a mineral prospecting permit on 640 acres of State school land described as Section 16, T2S, R23E, SBM, located in the Riverside Mountains of Riverside County. The proposed project is for drilling eight diamond core holes to a maximum depth of 500'. Small 8' x 10' drill sites will be prepared with hand held picks and shovels. Small sumps excavated for drill cuttings and drill mud will be filled during abandonment. A helicopter will transport the drill rig from site to site to avoid any new road construction. Cores will be removed for off-site analysis.

Texasgulf under a previous permit effective April 1, 1985 tnrough March 31, 1988 performed geologic mapping, rock chip sampling and some drilling. The proposed project is a logical progression of this earlier work.

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

JUNE 1988

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STATE LANDS COMMISSION

Date Filed: 03 / 28 / 88

File Ref.: WP 6789

SCH# 88041102

ENVIRONMENTAL IMPACT ASSESSMENT FORM — Part I

(To be completed by applicant)

FORM 69.3(11/82)

A. GENERAL INFORMATION

1. Name, address, and telephone number:

a. Applicant

Texasgulf Minerals and Metals,Inc.
5932 McIntyre St.
Golden, CO 80403
(303) 279-9181

b. Contact person if other than applicant:

Paul D. Hartley
5932 McIntyre St.
Golden, CO 80403
(303) 279-9181

2. a. Project location: (Please reference to nearest town or community and include county)

Section 16, T2S, R23E,SBM, located in the Riverside Mountains of Riverside County approximately 28 miles north of Blythe. 640 Acres

b. Assessor's parcel number: 806-140-003

3. Existing zoning of project site: Riverside County: Natural Asset Zone
BLM CDCA Plan: Class L

4. Existing land use of project site: None

5. Proposed use of site: Prospecting for precious metals and other valuable minerals by drilling eight diamond core holes to a maximum depth of 500 feet to obtain cores for off-site assay.

6. Other permits required: A Plan of Operations will be required for work on surrounding federal lands managed by theBureau of Land Management

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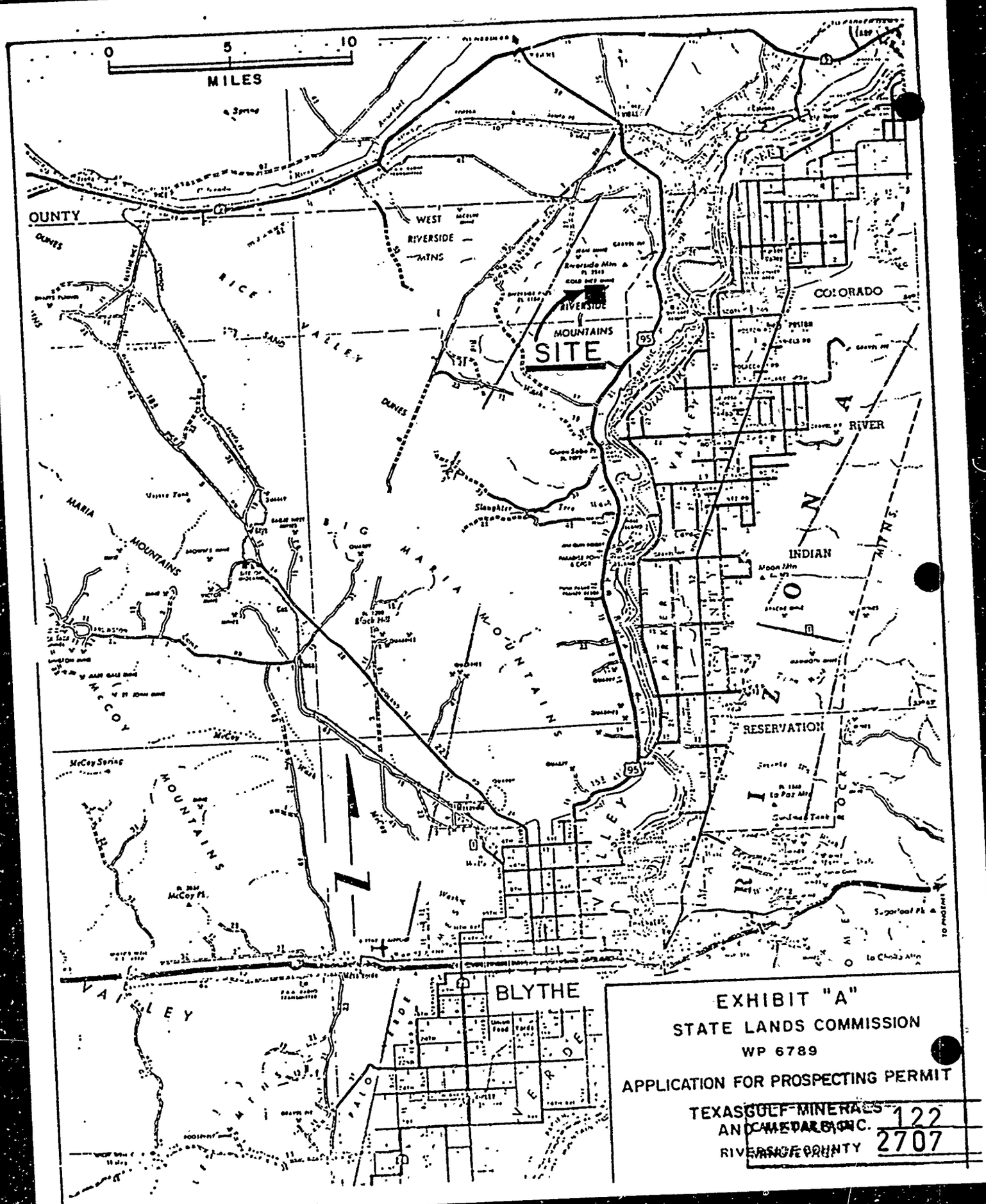

EXHIBIT "A"
STATE LANDS COMMISSION
WP 6789
APPLICATION FOR PROSPECTING PERMIT
TEXASGULF MINERALS AND METALS INC.
RIVERSIDE COUNTY

122
2707

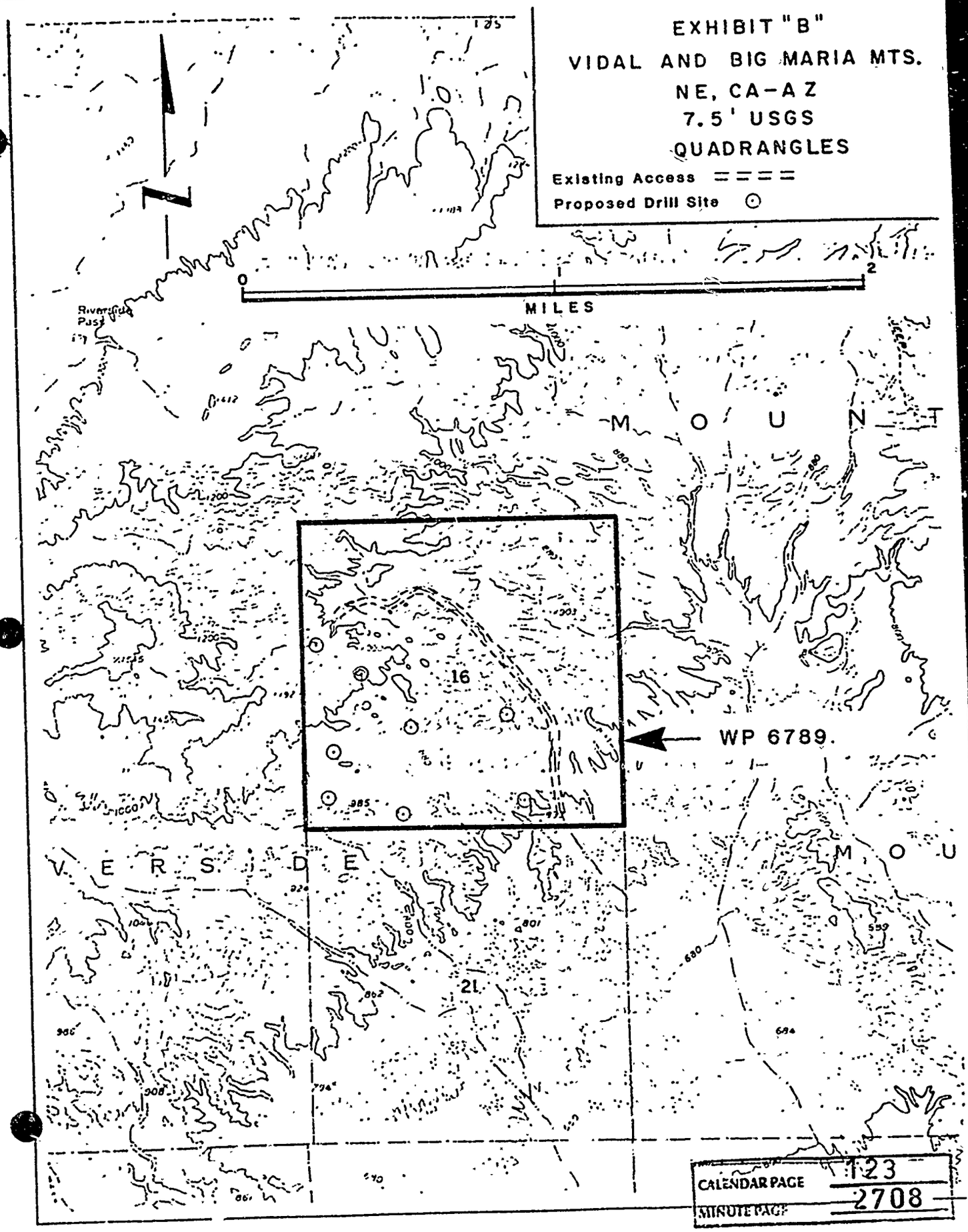
EXHIBIT "B"
VIDAL AND BIG MARIA MTS.
NE, CA-AZ
7.5' USGS
QUADRANGLES
Existing Access ====
Proposed Drill Site ⊙
N
0
1
2
MILES
Riverside Pass
M O U N T
16
WP 6789.
V E R S I D E
M O U
21
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WP 6789.2

SCH. #88041102

DETAILED PROJECT DESCRIPTION

Texasgulf Minerals and Metals, Inc. proposes to prospect by drilling eight diamond core holes, up to three inches in diameter, to a maximum depth of 500 feet. A Longyear 38 or equivalent core rig will be used. Support equipment will include a Beane water pump. A Soloy Bell helicopter or equivalent will be used to fly the drill rig into the area and from site to site. Exhibit B shows the approximate location of proposed drill holes. Small drill pads measuring approximately 8 feet by 10 feet will be prepared with hand held picks and shovels. Each drill hhole will require a sump measuring approxiamtely 4 feet by six feet by two feet for drill outtings and drill mud. These will also be excavated by hand. The drill mud will consist of finely crushed barite and water. Bentonitic clays may be used to stabilize holes.. A water supply will be provided by driving a four wheel drive water truck to the closest spot along existing roads, then pumping the water to the site. A two man drilling crew and one geologist will walk to the rig after driving to the closest spot along existing roads. All personnel will lodge in Blythe. Core boxes will be either packed out or flown out for off-site assay.

The maximum estimated surface disturbance is less than 0.02 acre. The maximum excavated volume including drill holes, pads and sumps is approximately 22 cubic yards.

Proposed Reclamation:

1) Backfill all holes from bottom to top with an impervious material such as bentonite or concrete.

2) Place all drill cuttings and drill muds into the sump and reclaim the sump.

3) Recontour and rake drill sites.

4) Remove all trash from the area and dispose of it at an appropriate public site.

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ENVIRONMENTAL SETTING

This State parcel is situated within the central Riverside Mountains of the Colorado Desert geologic province. It is within the Bureau of Land Management (BLM) Wilderness Study Area CDCA-321 and land which Senator Alan Cranston, by his "California Desert Protection Act" (S7) seeks to make into a wilderness area. The BLM has recommended CDCA-321 as non-suitable for wilderness.

The topography slopes gently to the southeast from approximately 1190 feet near the west quarter corner to approximately 750 feet in the southeast corner. Geologically the State parcel is composed of Precambrian igneous and metamorphic rocks in contact with Tertiary sedimentary rocks. Vegetation is sparse and is dominated by Creosote Bush, Brittle Bush, Burro Bush, Beavertail Cactus, Krameria, Desert Trumpet, Phacelia, Mojave Mound Cactus, Silver Cholla, Catclaw Acacia, Palo Verde and Smoke Tree. Wildlife includes mammals, reptiles and birds. Mule deer are found in the Riverside Mountains. Prior to the installation of guzzlers, the mule deer were believed to migrate down to the Colorado River in summertime. Now it is postulated that the mule deer are residing year round in the Riverside Mountains. The nearest guzzler is approximately 1 mile west of the northwest corner of the State parcel. There are no known rare, threatened or endangered plants and animals on the State parcel.

On May 24, 1988, Paul Hartley of Texasgulf Minerals and Metals, Inc. met with Wildlife Biologist Andy Pauli of the California Department of Fish and Game and Greg Pelka of the State Lands Commission on the project site, to inspect proposed drill sites and the surrounding area. Mr. Pauli did not perceive any significant impacts to the mule deer and other wildlife resulting from the proposed prospecting activities. The project area is believed to host low to moderate densities of desert tortoise (20 - 50/square mile). To preclude impacts to the desert tortoise, Fisheries Biologist Mike Giusti of the California Department of Fish and Game has recommended that project activities be limited to the time period of October 1 through the end of February when the tortoise would be in hibernation. This restriction has been added as a mitigation measure.

The property surrounding Section 16 appears to be environmentally similar. The Riverside Mountains range in

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elevation to 2254 feet. There were no structures observed in the immediate project area and surrounding lands. Dominant land use of the Riverside Mountains is mineral exploration by the applicant and other mineral exploration entities. The area is designated Class L (Limited Use) in the California Desert Conservation Area Plan of 1980.

Proposed Mitigation Measures:

1. Project activities shall be confined to the months of October, November, December, January and February to preclude adverse impacts to the desert tortoise.
2. For safety and the reduction of fugitive dust, all vehicle speed shall not exceed 20 mph.
3. Vehicular access shall be confined to existing roads and jeep trails.
4. Lessee shall perform all activities so as to minimize impact on vegetation. No vegetation may be removed.

GJP:vnD54#20

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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?	[ ]	[X]	[ ]
2. A change in scenic views from existing residential areas or public lands or roads?	[ ]	[ ]	[X]
3. A change in pattern, scale or character of the general area of the project?	[ ]	[ ]	[X]
4. Significant effect on plant or animal life?	[ ]	[ ]	[X]
5. Significant amounts of solid waste or litter?	[ ]	[X]	[ ]
6. A change in dust, ash, smoke, fumes or odors in the vicinity?	[X]	[ ]	[ ]
7. A change in ocean, bay, lake, stream or ground water quality or quantity, or an altering of existing drainage patterns?	[ ]	[ ]	[X]
8. A change in existing noise or vibration levels in the vicinity?	[X]	[ ]	[ ]
9. Construction on filled land or on a slope of 10 percent or more?	[X]	[ ]	[ ]
10. Use or disposal of potentially hazardous materials such as toxic or radioactive substances, flammables or explosives?	[ ]	[ ]	[X]
11. A change in demand for municipal services (e.g., police, fire, water, sewage)?	[ ]	[ ]	[X]
12. Increase in fossil fuel consumption (e.g., electricity, oil, natural gas)?	[ ]	[X]	[ ]
13. A larger project or a series of projects?	[ ]	[X]	[ ]

1) The drill sites may require a small cut to flatten out the surface for the rig and to provide room for the water tanks. A sump (4'x6'x2') will be dug by hand to accomodate drill cuttings.

5) Approximately 100 lbs of cuttings per hole will be generated. Trash from supplies will be minor and definitely removed from the site.

6) Diesel fumes will develop while drilling.

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8) Noise from the diesel motors will be present while drilling.

9) Several of the holes will require sites on slopes that are greater than 10% in grade. The sites will be cut by hand and be only large enough to accomodate the drill rig and water pump (approximately 8'x10').

12) Diesel will be required for the drill rig and water pumps. Aviation fuel will be used in the helicopter.

13) Hopefully, the drill program will be successful and another round of drilling will be proposed. If the final round is positive, the deposit will be proposed for mine development. A heap leach, open pit operation would be the most likely proposal.

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: Texasgulf Minerals and Metals, Inc. Date: _____

Title: _____

Agent: Paul D. Hartley Date: _____

Title: Exploration Manager

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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 6789.2
SCH# 88041102

I. BACKGROUND INFORMATION

A. Applicant: Texasgulf Minerals and Metals, Inc.
5932 McIntyre Street
Golden, Colorado 80403

B. Checklist Date: 06 / 01 / 88

C. Contact Person: Greg Pelka
Telephone: (213) 590-5201

D Purpose Prospect for precious metals and other valuable minerals other than sand and gravel, oil, gas and geothermal resources.

E Location Section 16, T2S, R23E, SBM, located in the Riverside Mountains of Riverside County approximately 28 miles north of Blythe.

F Description Prospecting for precious metals and other valuable minerals by drilling eight diamond core holes to a maximum depth of 500 feet to obtain core samples for off-site assay.

G Persons Contacted:
Andrew Pauli-Wildlife Biologist, California Dept. of Fish and Game
Mike Giusti-Fishery Biologist, California Dept. of Fish and Game

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?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☒	☐	☐
3. Change in topography or ground surface relief features?	☐	☒	☐
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
5 Any increase in wind or water erosion of soils, either on or off the site?	☐	☒	☐
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?			☒
Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure or similar hazards?			

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

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	Yes	Maybe	No
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?	☐	☐	☒
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?	☐	☐	☒

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	Yes	Maybe	No
T. *Cultural Resources.*			
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)*

A.2. Proposed drilling, drill pad preparation and construction of mud sumps will cause minor disruptions of the soil.

A.3. If drill pad preparation is required, minor changes in topography or ground surface relief features may result.

A.5. Minor amounts of wind and water erosion of soil may result from drilling activity.

F.1. The helicopter, drill rig and support vehicles will temporarily increase noise levels.

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: 06 / 20 / 88

Gregg J. Pelka
For the State Lands Commission

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EXHIBIT "D"

RIVERSIDE COUNTY PLANNING DEPARTMENT

June 22, 1988

State Lands Commission
245 West Broadway, Suite 425
Long Beach, CA 90802

Attention: Mr. Greg Pelka

Subject: Initial Study - Mineral Prospecting
Texasgulf Minerals and Metals, Inc.
Riverside Mountains Area

Dear Greg:

Thank you for informing us of the application for a prospecting permit by Texasgulf Minerals and Metals, Inc.

This area is identified as "Mountainous" and "Desert" areas on the Riverside County Comprehensive General Plan, Open Space and Conservation Map; and is zoned N-A, Natural Assets. A summary of the uses permitted in the N-A Zone, from Riverside County Land Use Ordinance No. 348, is attached.

Based upon our review of the project and your initial study, it appears that a Negative Declaration should be appropriate for this project. Please note that if the applicant decides to either do small-scale, on site testing or mining that is within the provisions of the California Surface Mining and Reclamation Act or Riverside County's Ordinance 555 (Implementing SMARA) he shall then be required to obtain the necessary permits from Riverside County.

Please do not hesitate to call me at (714) 787-1377 if you have any questions.

Very truly yours,

RIVERSIDE COUNTY PLANNING DEPARTMENT
Roger S. Streeter - Planning Director

Steven A. Kupferman
Engineering Geologist

SAK:rd

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