

MINUTE ITEM

This Calendar Item No. 30
was approved as Minute Item
No. 30 by the State Lands
Commission by a vote of 3
to 0 at its 5-1-91
meeting.

CALENDAR ITEM

A 80

30

05/01/91
PRC 7384
Kruger

S 37

AMEND A MINERAL PROSPECTING PERMIT TO INCLUDE AN EXPLORATORY
DRILLING PROGRAM FOR VALUABLE MINERALS OTHER THAN OIL,
GAS, GEOTHERMAL RESOURCES, AND SAND AND GRAVEL,
IMPERIAL COUNTY

APPLICANT:

American Girl Mining
Joint Venture
P. O. Box 879
Winterhaven, CA 92283

AREA, TYPE LAND AND LOCATION:

Approximately 607.52 acres of vacant, State-owned school
land further described as Section 16, T15S, R21E, SBM and
located in the Cargo Muchacho Mountains of southeast
Imperial County, about 10 miles northwest of Winterhaven,
California.

PROPOSED PROJECT:

The Permittee has completed Phase I surface mapping and hand
sampling activities in Section 16. Based on an analysis of these
data, the Permittee proposes a Phase II exploratory drilling
program to obtain subsurface samples and determine if gold
mineralization is present in economic grades and tonnage.

The proposed exploratory drilling program would be an amendment
of the existing mineral prospecting permit (PRC 7384), and
includes drilling 32 reverse circulation drill holes with total
depths varying from 200 to 400 feet. A total of approximately
10,000 feet of drilling at 5-1/2 inch diameter is proposed.
Existing roads will be used to the extent possible for both
access routes and drill sites. Approximately 2,700 feet of new
access road 14 feet in width will be required to complete the
proposed drilling project. Total new surface disturbance will
total approximately 1.4 acres. Disturbed areas will be returned
to original contour and its natural state to the extent possible.

Lead agency for this project was Imperial County Planning
Department under authority of the Surface Mining and Reclamation
Act. The Imperial County Planning Department prepared and
circulated Conditional Use Permit No. 975-91 (Reclamation Plan

CALENDAR ITEM NO. 30 (CONT'D)

No. 147-91 and Initial Study No. 3192-91) for the purpose of the proposed exploratory drilling program. The County certified on March 1, 1991 that the project will not have an adverse effect on the environment. Subsequently, the County's environmental document was forwarded to the State Clearinghouse within the Office of the Planning and Research via the Commission's Environmental Planning and Management staff for additional circulation as EIR ND 547, SCH #91041001. No comments were received.

The proposed authorization is to approve amendment of the existing mineral prospecting permit to include an exploratory drilling program.

CONSIDERATION:

Filing fee of \$25 in addition to \$2,475 under Reimbursement Agreement R06690 for a total of \$2,500.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:

1. Filing fee and Reimbursement Agreement have been submitted by the applicant.
2. Royalty payable under any preferential lease will not be less than 10 percent of the gross value of all mineral production from the leased lands, less any charges approved by the Commission while transporting or processing of the State's royalty share of production.
3. At this time, the subject parcel is not known to contain commercially valuable mineral deposits.

STATUTORY AND OTHER REFERENCES:

- A. P.R.C.: Div. 6, Section 6891.
- B. Cal. Code Regs.: Title 2, Section 2000.

AB 884:
N/A.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines, staff forwarded Imperial County's environmental document to the State Clearinghouse within the Office of Planning and Research for circulation as EIR ND, SCH #91041001. Such proposed Negative Declaration was circulated for

public review pursuant to the provisions of CEQA. A copy of the environmental document is attached as Exhibit "C".

There is no substantial evidence that the project, as amended, will have a significant effect on the environment [14 Cal. Code Regs. 15074(b)].

2. Pursuant to P.R.C. Section 6895, upon establishing to the satisfaction of the Commission that commercially valuable mineral deposit have been discovered within the limits of the permit, the applicant would have a preferential right to a lease for a maximum of 607.52 acres embraced within the permit. Said right shall be subject to all necessary environmental approvals. The amendment of this permit shall not affect the discretion of the Commission in granting or denying such a lease because of environmental or other conditions.
3. A reclamation bond in the amount of \$3,200 has been required by the Imperial County Planning Department to provide for reclamation of all disturbed areas of the proposed project. Staff has required, in the proposed amendment, a performance bond in the amount of \$8,000 as additional security for the reclamation of the permitted lands.

APPROVALS OBTAINED:

Pursuant to P.R.C. Section 6890, the amendment application and form have been approved by the Office of the Attorney General for compliance with the applicable provisions of the law.

EXHIBITS:

- A. Land Description.
- B. Location Map.
- C. Negative Declaration.
- D. Site Map.
- E. Prospecting Permit Amendment.

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION WAS PREPARED FOR THIS PROJECT BY THE COUNTY OF IMPERIAL, THE LEAD AGENCY UNDER THE PROVISIONS OF THE CEQA, AND THAT SUCH DOCUMENT WAS DESIGNATED BY THE COMMISSION AS EIR ND 547, SCH # 91041001,

AND CIRCULATED THROUGH THE OFFICE OF PLANNING AND RESEARCH FOR THE AMENDED PROJECT PURSUANT TO THE PROVISIONS OF CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

2. AUTHORIZE AMENDMENT OF THE MINERAL PROSPECTING PERMITS AS DESCRIBED IN EXHIBIT "D" TO AMERICAN GIRL MINING JOINT VENTURE FOR ALL MINERALS OTHER THAN OIL, GAS, GEOTHERMAL RESOURCES, AND SAND AND GRAVEL ON SECTION 16, T15S, R21E, SBM, IMPERIAL COUNTY CONTAINING APPROXIMATELY 607.52 ACRES. ALL OTHER TERMS AND CONDITIONS OF THE PERMIT ARE TO REMAIN IN FULL FORCE AND EFFECT.

EXHIBIT "A"

LAND DESCRIPTION

PRC 7384.2

That parcel of state owned school land in Imperial County, California, describes as follows:

All of Section 16, T 15 S, R 21 E, SEM

END OF DESCRIPTION

PREPARED MARCH, 1991 BY LLB

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|---------------|------|
| CALENDAR PAGE | 160 |
| MINUTE PAGE | 1509 |

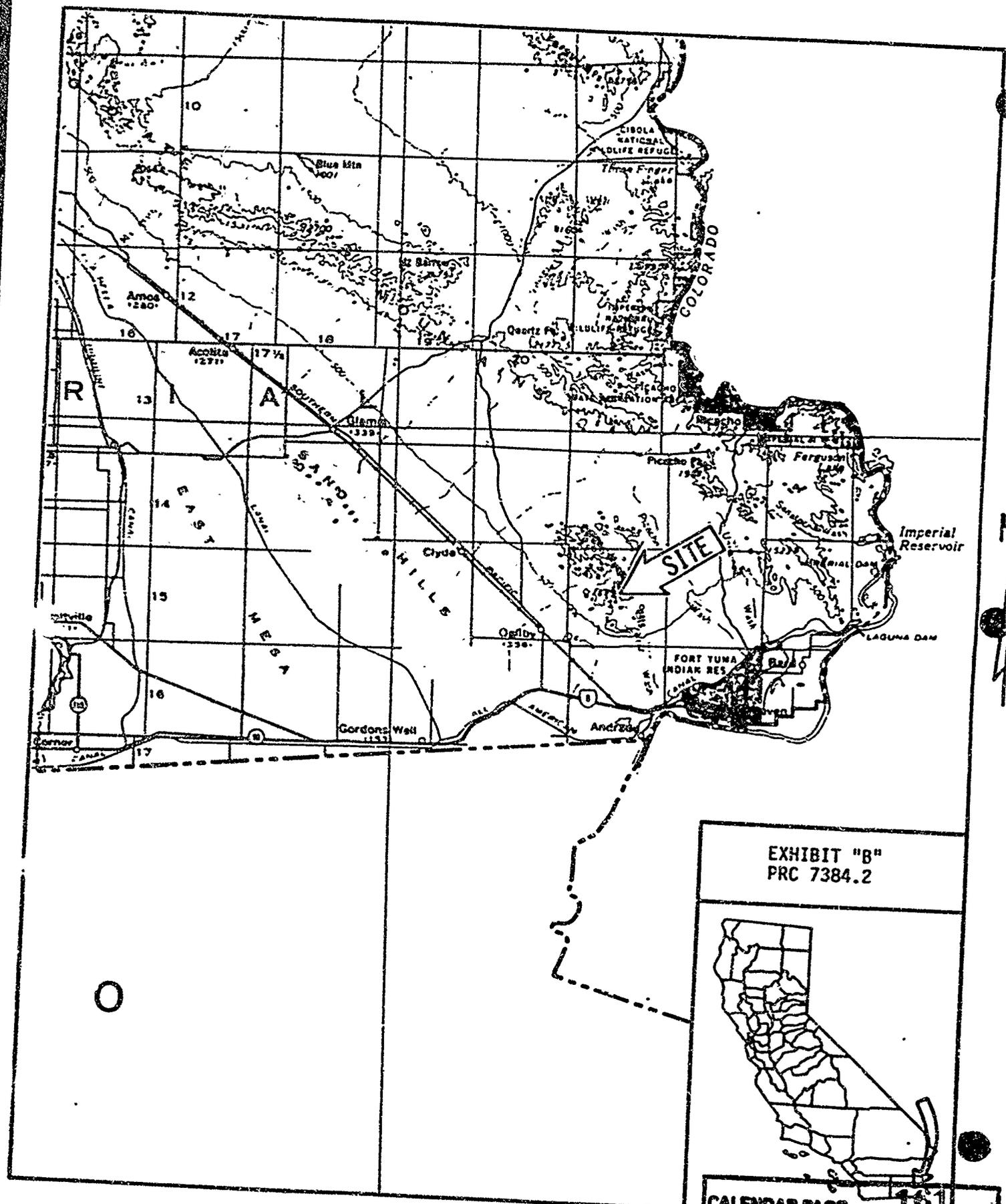


EXHIBIT "B"
 PRC 7384.2



| | |
|---------------|------|
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To: Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

From: (Public Agency) Imperial Co Planning Dept
939 Main Street
El Centro, CA 92243

XX County Clerk
County of Imperial
939 Main Street
El Centro, CA 92243



Subject:

Filing of Notice of Determination in compliance with Section 21109 or 21152 of the Public Resources Code.

American Girl Mining Corporation Reclamation Plan #147-91
Project Title

N/A Jesse Soriano (619)339-4236
State Clearinghouse Number Lead Agency Area Code/Telephone/Extension
(If submitted to Clearinghouse) Contact Person

Cargo Mucacho Mountains, Imperial County
Project Location (include county)

Project Description: Drilling program on a Portion of Section 16, Township 15 South,
Range 21 East

This is to advise that the Imperial County Planning Commission has approved the above described project on
 Lead Agency Responsible Agency
February 27, 1991 and has made the following determinations regarding the above described project
(Date)

1. The project will will not have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were were not made a condition of the approval of the project.
4. A statement of Overriding Considerations was was not adopted for this project.
5. Findings were were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval is available to the General Public at:

[Signature] March 1, 1991 Planning Director;
Signature (Public Agency) Date Title

Date received for filing at OPR:

Revised October 1989
CALENDAR PAGE 163
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CERTIFICATE OF FEE EXEMPTION

De Minimis Impact Finding

Project Title/Location (include county):

Reclamation Plan #147-91 (American Girl Mining Corporation)

Cerro Mucacho Mountains,
more particularly known as a Portion of Section 16, Township 16 South, Range 21 East

Project Description:

Drilling Program

Findings of Exemption (attach as necessary):

There will be no adverse impacts upon wildlife or natural resources, and no intrusion upon any known habitat, nor is it likely to have a future impact.

Certification:

I hereby certify that the public agency has made the above finding and that the project will not individually or cumulatively have an adverse effect on wildlife resources, as defined in Section 711.2 of the Fish and Game Code.

~~Chief~~ Planning Official

Title: Planning Director
Lead Agency: Imperial Co Planning Dept.
Date: March 1, 1991

To: _____ Office Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

From: (Public Agency) Imperial County Planning
939 Main Street
(Address)
El Centro, CA 92243

XX County Clerk
County of Imperial
939 Main Street
El Centro, Ca 92243



Subject:

Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

American Girl Mining Corporation Conditional Use Permit #975-91
Project Title

N/A Jesse Soriano (619)339-4236
State Clearinghouse Number Lead Agency Area Code/Telephone/Extension
(If submitted to Clearinghouse) Contact Person

Large Mucacho Mountains, Imperial County
Project Location (include county)

Project Description: Drilling Program on a Portion of Section 16, Township 16 South,
Range 21 East

This is to advise that the Imperial County Planning Commission has approved the above described project on
 Lead Agency Responsible Agency
February 27, 1991 and has made the following determinations regarding the above described project
(Date)

1. The project will will not have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were were not made a condition of the approval of the project.
4. A statement of Overriding Considerations was was not adopted for this project.
5. Findings were were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval is available to the General Public at:

[Signature] March 1, 1991 Planning Director
Signature (Public Agency) Date Title

Date received for filing at OPR:

Revised October 1989
CALENDAR PAGE 165
MINUTE PAGE 1514

CERTIFICATE OF FEE EXEMPTION

De Minimis Impact Finding

Project Title/Location (include county):

Conditional Use Permit #975-91

(American Girl Mining Corporation)

Cargo Mucacho Mountains,

more particularly known as a Portion of Section 16, Township 16 South, Range 21 East

Project Description:

Drilling Program

Findings of Exemption (attach as necessary):

There will no adverse impacts upon wildlife or natural resources, and no intrusion upon any known habitat, nor is it likely to have a future impact.

Certification:

I hereby certify that the public agency has made the above finding and that the project will not individually or cumulatively have an adverse effect on wildlife resources, as defined in Section 711.2 of the Fish and Game Code.

~~(Signature)~~ Planning Official

Title: Planning Director
Lead Agency Imperial County Planning Dept
Date March 1, 1991

Section 711.4, Fish and Game Code
07/6:12/90

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PROJECT REPORT

TO THE PLANNING COMMISSION

DATE Feb. 27, 1991 TIME: 9:40 AM AGENDA NO: 8
 APPLICANTS NAME American Girl Mining Corporation SUPERVISOR D. 5
 OWNERS NAME State Lands Commission
 PROJECT TYPE Reclamation Plan #147-91 (Drilling Program)
 PROJECT ADDRESS N/A
 GEN LOCATION Cargo Muchacho Mountains
 LEGAL DESCRIPTION Portion of Section 16, Township 15 South, Range 21 East
 ASSESS. PAR. NO 0503201801 PARCEL SIZE 604.25
 EXISTING ZONE "S" Open Space ADJ. ZONING "S" Open Space
 GENERAL PLAN CONSISTENT INCONSISTENT MAY BE/FINDINGS

COMMENTS FROM:

PUBLIC WORKS None in file
 E.H.S./HEALTH None in file
 A.G./A.P.C.D. None in file
 FIRE/O.E.S. None in file
 COUNSEL None in file
 OTHER IVC Museum, State Lands Commission

PROTEST REC. YES NO NUMBER
E.E.C. DECISION DATE Feb. 1, 1991 I.B. NUMBER 3192-91
 NEG. DEC. E.I.R. OTHER N.A.
COMMISSION DEC. APPROVED DENIED DATE Feb. 27, 1991

STAFF RECOMMENDATION:

It is requested that you conduct a public hearing and that you hear all the opponents and proponents of the proposed project. It is staff's recommendation that you approve the Reclamation Plan and that you take the following action:

1. Approve the Negative Declaration on the basis of the Initial Study and any comments received shows no substantial evidence that the project will have a significant effect on the environment.
2. Make the attached findings.
3. Approve the Reclamation Plan subject to the attached conditions.

JORG HEUBERGER
 PLANNING DIRECTOR

IMPERIAL COUNTY FILE I.O. AberRec
Planning Department

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 MINUTE PAGE 1516

PROJECT DESCRIPTION

The American Girl Mining Corporation, has submitted a Conditional Use Permit (CUP) and Reclamation Plan for a proposed drilling program. The proposed project will be located in the Cargo Muchacho Mountains on state land. The property is a state school section containing approximately 604.25 acres. The area is immediately west of the American Girl Mining Joint Venture existing mining operation in American Girl Canyon.

Phase I of the project consisted of nondisturbance geologic activities including geologic mapping and hand sampling activities (Completed October 1990). Phase II proposes an exploration drilling program to obtain subsurface samples and determine if gold mineralization of economic grades and tonnage are present. American Girl proposes to drill 32 reverse circulation drill holes, with depths varying from 200 to 400 feet. The majority of the holes will be vertical, however, approximately 1/4 of the drilling will be angle holes inclined up to 45° from vertical.

Planned drilling activities will be in the northwestern portion of Section 16 Township 15 South Range 21 East, adjacent to American Girl Mining Joint Venture's mining operation. Existing roads will be utilized as much as possible for both drill access and drill sites, however, approximately 2,700 feet of new access roads will be required to accomplish the program. Total disturbance will total approximately 1.4 acres.

Following the completion of drilling, a decision will be made as to whether mining activities will be conducted (Phase III) and what specific areas will be mined, encompassed by mine related facilities, or targeted for mining or additional exploration activities. If a decision is made not to proceed to mine development and discontinue exploration activities, reclamation of newly constructed drill access roads and drill holes will be conducted within six (6) months.

JFS/p48/projdesc

SURFACE/SUBSURFACE MINING AND RECLAMATION PLAN FINDINGS

1. The County of Imperial hereby finds that the extraction of minerals is essential to the continued economic well-being of the County and its residents and that the reclamation of all mined lands is necessary to prevent or minimize significant adverse effects on the environment and to protect the public health and safety.
2. The County also finds that the reclamation of federal, state and private lands will permit the continued mining of minerals and will provide for protection and subsequent beneficial use of all mined and reclaimed lands.
3. The County further finds that the extraction of valuable minerals through surface/subsurface mining and the reclamation of all mined lands is consistent with the goals and policies of the General Plan and with Public Resources Code, Division 2, Chapter 9.

ss://fDrive/RECFIND2

PROPOSED CONDITIONS

AMERICAN GIRL MINING CORPORATION

RECLAMATION PLAN

Pursuant to the completed application and site plan on file, the County of Imperial hereby approves the AMERICAN GIRL MINING CORPORATION (AGMC) RECLAMATION PLAN, subject to the terms and conditions specified below.

GENERAL CONDITIONS:

G-1 Permits/ Licenses

AGMC shall comply with all County, State and Federal laws, rules, regulations and/or standards as they may pertain to this project, whether specified herein or not. It is the responsibility of AGMC to know all applicable regulations.

G-2 Compliance/Revocation

Upon determination by the Planning Department that the AGMC is not in compliance with one or all of the conditions of the Reclamation Plan, or upon finding that the project is creating a nuisance as defined by law, or that the project is degrading the quality of the environment and causing significant environmental impacts which may result in substantial adverse effects to the well-being of the residents of Imperial County, the matter can be brought to the Planning Commission or other appropriate agency to enforce the requirements of the plan, or to consider the immediate suspension of all operations.

G-3 Responsible Agent

Reclamation shall be conducted under the direction of a responsible agent. The name and telephone number of this individual shall be provided to the Planning Department. The agent shall insure that reclamation complies with the conditions contained herein.

G-4 General Law

The Reclamation Plan and all stipulations contained herein are subject to all laws and regulations pertaining to mining and reclamation as prescribed by Federal, State or County governments.

G-5 Minor Amendments

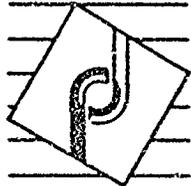
The Planning Director may approve minor changes, or administrative extensions, as requested in writing by AGMC to the plan, provided it does not result in significant additional environmental impacts, are generally procedural/technical, and/or which may be necessary to comply with other government permit compliance requirements.

G-6 Payment

AGMC shall pay any and all amounts as determined by the County to defray all costs for the review of reports, field inspections, or other monitoring activities related to compliance with the Reclamation Plan, County Ordinances, and/or other laws that apply.

PLANNING
&
BUILDING
Department

(619)-339-4234



TELE FAX
(619)-333-6339

G-7 Archaeologist Resources

If any unusual specimens of bone, stone, or ceramic are discovered during any phase of the project, all operations shall cease immediately until a qualified archaeologist, retained by the AGMC and approved by the Planning Director, reviews the specimens. The recommendations of the archaeologist shall be complied with prior to resuming operation.

G-8 Severability

Should any condition of the Reclamation Plan be determined by a Court of law, or other agency with proper jurisdiction, to be invalid for any reason, such determination shall not invalidate the remaining provisions of the Plan.

G-9 Right of Entry

The County reserves the right to enter the premises to make appropriate inspections and to determine if the reclamation conditions are being complied with. Access to the site by authorized County personnel shall not be unreasonably denied by AGMC.

G-10 Definitions

In the event of a dispute, the meaning(s), or intent of any word(s) or phrase(s) and/or conditions or sections herein, shall be determined by the Imperial County Planning Commission, and their determination shall be final, unless a timely appeal is made and modified by the Board of Supervisors.

G-11 Provisions Run With the Land/Project

If a new operator succeeds to the interest of the AGMC in the operation by sale, assignment, transfer, conveyance, exchange or other means, the successor shall be bound by the provisions of the approved Reclamation Plan. The County shall be informed within thirty (30) days of any such change of interest.

PROJECT SPECIFIC CONDITIONS:

B-1 Reclamation Objectives

AGMC shall conduct reclamation with special emphasis on the objectives of Public Resources Code, Section 2712, as follows:

- (a) Adverse environmental effects are prevented or minimized and that the mined lands are reclaimed to a usable condition which is readily adaptable for alternative land uses.
- (b) The production and conservation of minerals are encouraged, while giving consideration to values relating to recreation, watershed, wildlife, range and forage, and aesthetic enjoyment.
- (c) Residual hazards to the public health and safety are eliminated.

S-2 Project Location

This reclamation plan applies solely to the area delineated in the site plan, comprising approximately 1.4 acres on a PORTION OF SECTION 16, TOWNSHIP 15 SOUTH RANGE 21 EAST, San Bernardino Base and Meridian; Also known as Assessors Parcel No. 050-320-18-01.

S-3 Protection of Wildlife and Habitat

AGMC shall implement measures to protect wildlife and habitat. Unnecessary destruction of Palo Verde, Iron Wood and Mesquite trees shall be avoided. Any cactus and Ocotillo plants that will be impacted by any phase of the operation shall be removed prior to surface disturbance and shall be stockpiled for transplanting.

S-4 Time Limits

All disturbed areas shall be reclaimed within six months following the completion of the drilling program unless AGMC applies for permits to commence a production phase within six months.

S-5 Natural Drainage

Existing natural drainage patterns shall not be altered. AGMC shall not permanently disturb any wash.

S-6 Reclamation Bond

AGMC shall post a \$3,200 reclamation bond with the Planning Department in a form acceptable to County Counsel to insure the completion of reclamation. The limit on the amount of security should not be construed as a limitation on the liability of AGMC concerning the completion of reclamation. The County shall be the holder of the bond. The required amount of the bond shall be subject to review by all parties and possible revision for adequacy of reclamation and may adjusted at a rate commensurate with the size of the project. The bond shall be posted within thirty (30) days following approval of the Reclamation Plan.

S-7 Drill Holes

Upon completion of the drilling program, each drill hole shall be backfilled and cement plugged. The surface of the drill hole shall be raked to blend with the surrounding contours. Prior to backfilling, unattended holes shall be covered.

S-8 Discharge of Drilling Fluids

No discharge of drilling fluids/cuttings is allowed. A pit shall be dug or tanks located on drill pad in order to contain said materials.

S-9 Preservation of Top Soil

AGMC shall implement reasonable measures to preserve top soil in amounts to adequately cover disturbed areas in order to promote revegetation. The areas to be reclaimed shall be recontoured, decompacted and then covered with a mix of preserved top soil.

S-10 Roads, Cuts and Drill Pads

All new access roads including those on hillsides, cuts and drill pads shall be returned to their natural contour to the greatest extent possible. This may include backfilling of roads, cuts and other areas disturbed during operations.

JFS/j4/DRILLPRO

PROJECT REPORT

TO THE **E.E.C. - Initial Study** I.S.# 1111

DATE: Feb. 1, 1991 TIME: 9:00 AM AGENDA NO: SUPERVISOR O. 5

APPLICANTS NAME American Girl Mining Corporation
OWNERS NAME State Lands Commission
PROJECT TYPE Conditional Use Permit and Reclamation Plan
PROJECT ADDRESS N/A
GEN. LOCATION Cargo Muchacho Mountains
LEGAL DESCRIPTION Portion of Section 16, Township 15 South, Range 21 East
ASSESS. PAR. NO. 0503201801 PARCEL SIZE 604.25
EXISTING ZONE 8th Open Space ADJ. ZONING 8th Open Space
GENERAL PLAN CONSISTENT INCONSISTENT MAY BE/FINDINGS

COMMENTS FROM:

- PUBLIC WORKS
- E.H.S. / HEALTH
- A.G. / A.R.C.D.
- FIRE / O.E.S.
- COUNSEL
- OTHER

PROTEST REC. YES NO NUMBER
DATE Feb. 1, 1991 I.S. NUMBER 3192-91
E.E.C. DECISION NEG. DEC. E.I.R. OTHER N.A.
COMMISSION DEC. APPROVED DENIED DATE Feb. 27, 1991
STAFF RECOMMENDATION:


JURG HEUBERGER
PLANNING DIRECTOR

IMPERIAL COUNTY FILE I.O. american
Planning Department

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Earth - Will the proposal result in:

- a. Change in topography or ground surface relief features?
- b. Unstable earth conditions or changes in geologic substrata?
- c. The destruction, covering or modification of any unique geologic or physical features?
- d. Exposure of people or property to geologic hazards such as earthquakes, landslides, settlements, ground failure, or similar hazards?
- e. Disruptions, disturbances, vibrations, or overloading of the soil?
- f. Any increase in acid or water erosion of soils, either on or off the site?
- g. Changes in deposition or erosion of beach sands, or changes in siltation, desilting or traction which may modify the channel or a river or stream or the bed of the ocean or any bay, inlet or lake?

| YES | MAYBE | NO |
|-----|-------|----|
| X | | |
| | | X |
| | | X |
| | | X |
| | X | |
| | | X |
| | | X |

Air: Will the proposal result in:

- a. Substantial air emissions or deterioration of ambient air quality?
- b. The creation of objectionable odors?
- c. Alteration of air movement, velocity, or temperature, or any change in climate, either locally or regionally?

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| | | X |
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| | | X |

Water: Will the proposal result in:

- a. Alteration of the direction or rate of flow of ground waters?
- b. Change in the quality of ground waters, either through direct addition or withdrawal, or through interrelations of an aquifer by cuts or overloading?
- c. Changes in currents, or the course or direction of water currents, in either surface or fresh waters?
- d. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?
- e. Alterations to the course or flow of tidal waters?
- f. Change in the amount of surface water in any water body?
- g. Disturbance to surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?
- h. Substantial reduction in the amount of water otherwise available for public water supplies?
- i. Increase of erosion or property to water related hazards such as flooding or tidal waves?

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| | | X |

Plant Life: Will the proposal result in:

- a. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, ferns, and aquatic vascular)?
- b. Reduction of the numbers of any unique, rare, or endangered species of plants?
- c. Introduction of new species of plants into an area, or to a barrier to the normal establishment of existing species?
- d. Reduction in acreage of any agricultural crop?
- e. Alteration to the type of crops grown on adjacent lands?
- f. Irrigation or other water control operations or cultural practices on adjacent lands?

| | | |
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| | | X |
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| | | X |
| | | X |
| | | X |

Animal Life: Will the proposal result in:

- a. Change in the diversity of species, or number of any species of animals (birds, land animals including rodents, fish and shellfish, aquatic organisms, or insects)?
- b. Reduction of the numbers of any unique, rare or endangered species of animals?
- c. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?
- d. Disturbance to existing fish or wildlife habitat?

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| | | X |
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| | | X |
| | | X |

Noise: Will the proposal result in:

- a. Increase in existing noise levels?
- b. Exposure of people to excess noise levels?

| | | |
|---|--|---|
| X | | |
| | | X |
| | | X |

Light & Glare: Will the proposal produce new light or glare?

| | | |
|--|--|---|
| | | X |
|--|--|---|

Land Use: Will the proposal result in a substantial alteration of the present or planned land use of an area?

| | | |
|--|--|---|
| | | X |
|--|--|---|

Natural Resources: Will the proposal result in an increase in the rate or use of any natural resources?

YES MAYBE NO
___ ___ X

Risk of Upsets: Will the proposal involve:

a. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radioactive) in the event of an accident or worst conditions?

___ ___ X
___ ___ X

b. Possible interference with an emergency response plan or an emergency evacuation plan?

___ ___ X
___ ___ X

Population: Will the proposal alter the location, distribution, density or growth rate of the human population of an area?

___ ___ X
___ ___ X

Housing: Will the proposal affect existing housing or create a demand for additional housing?

Transportation/Circulation: Will the proposal result in:

- a. Generation of substantial additional vehicular movement?
- b. Effects on existing parking facilities, or demand for new parking?
- c. Substantial impact upon existing transportation systems?
- d. Alterations to present patterns of circulation or movement of people and/or goods?
- e. Alterations to waterways, rail or air traffic?
- f. Increase in traffic hazards to other vehicles, bicyclists or pedestrians?

___ ___ X
___ ___ X

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:

- a. Fire protection?
- b. Police protection?
- c. Schools?
- d. Parks or other recreational facilities?
- e. Maintenance of public facilities, including roads?
- f. Other governmental services?

___ ___ X
X ___

Energy: Will the proposal result in:

- a. Use of substantial amounts of fuel or energy?
- b. Substantial increase in demand on existing sources of energy, or require the development of new sources of energy?

___ ___ X
___ ___ X

Utilities: Will the proposal result in a need for new systems or substantial alterations to any of the following?

- a. Power or natural gas?
- b. Communication services?
- c. Water?
- d. Sewer or waste water?
- e. Storm water drainage?
- f. Solid waste and disposal?

___ ___ X
___ ___ X

Human Health: Will the proposal result in:

- a. Creation of any health hazard or estimated health hazard (including mental health)?
- b. Exposure of people to estimated health hazards?

___ ___ X
___ ___ X

Aesthetics: Will the proposal result in 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?

___ ___ X

Recreation: Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities?

___ ___ X

Cultural Resources: Will the proposal result in:

- a. Alteration of or destruction of a significant archaeological, prehistoric or historical site, structure, object or building?
- b. An alteration of, or destruction of, a significant paleontological site?
- c. Physical changes which could affect unique ethnic cultural values?
- d. Effects relating religious or sacred uses within the proposed project area?

MANDATORY FINDINGS OF SIGNIFICANCE:

DOES THE PROJECT HAVE THE POTENTIAL TO DEGRADE THE QUALITY OF THE ENVIRONMENT, PARTICULARLY RESPECT TO THE QUALITY OF A FISH OR WILDLIFE SPECIES, CAUSE A LOSS OF WILDLIFE POPULATION TO ANY WILD SELF-SUSTAINING LEVELS, IMPOSE AN UNDESIRABLE PLANT OR ANIMAL COMMUNITY, DEGRADE THE NUMBER OR QUALITY OF THE HABITAT OF A RARE OR ENDANGERED PLANT OR ANIMAL OR ELIMINATE IMPORTANT EXAMPLES OF THE NATURAL FEATURES OF CALIFORNIA HISTORY OR PREHISTORY?

DOES THE PROJECT HAVE THE POTENTIAL TO DEGRADE SHORT-TERM, OR THE DEGRADATION OF LONG-TERM, ENVIRONMENTAL QUALITY A SHORT-TERM IMPACT ON THE ENVIRONMENT IS ONE WHICH OCCURS IN A RELATIVELY BRIEF DEFINITIVE PERIOD OF TIME WHILE LONG-TERM IMPACTS WILL ENDURE WELL INTO THE FUTURE?

DOES THE PROJECT HAVE IMPACTS WHICH ARE INDIVIDUALLY LIMITED, BUT COLLECTIVELY CONSIDERABLE (A PROJECT MAY IMPACT TWO OR MORE SEPARATE RESOURCES WHERE THE IMPACT ON EACH RESOURCE IS RELATIVELY SMALL, BUT WHERE THE EFFECT OF THE TOTAL OF THESE IMPACTS ON THE ENVIRONMENT IS SIGNIFICANT)?

DOES THE PROJECT HAVE ENVIRONMENTAL EFFECTS WHICH WILL CAUSE SUBSTANTIAL ADVERSE EFFECTS ON HUMAN HEALTH, EITHER DIRECTLY OR INDIRECTLY?

FIGURES OF ENVIRONMENTAL CONSEQUENCES, I.E. estimations of impacts marked "yes" or "no" to be attached hereto:

E.F.C. DETERMINATION

to be completed by the Environmental Evaluation Committee on the basis of the results found in the Initial Study.)

- After Review of the Initial Study, the Environmental Evaluation Committee has:
- found that the activity is within the scope of a previously-approved title document, and that no new environmental document is required.
- found the proposed project **WILL NOT** have a significant effect on the environment, and a **DECLASSIFIED BILL OF MATERIALS** WILL BE PREPARED.
- found 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 the attached sheet have been added to the project. A **DECLASSIFIED DECLARATION** WILL BE PREPARED.
- found the proposed project **WILL** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT STUDY** IS REQUIRED.

SEE SIGNATURE
 Planning Director/CEE Chairman

- 101
- Public Works
 - CEC
 - DES
 - STC
 - Planning

cc:wa.cul/12-10-87

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DISCUSSION OF ENVIRONMENTAL EVALUATION
(Yes and Maybe answers)

1. Earth - Will the proposal result in:
 - a. Change in topography or ground surface relief features? YES--Project will require construction of new access roads and construction of drill pads.
 - c. Disruptions, displacements, compaction, or overcrowding of the soil? YES--During road construction and during drilling, project associated vehicles will compact soil.
2. Noise - Will the proposal result in:
 - a. Increases in existing noise levels? YES--Drill rig and associated vehicle traffic will increase existing noise levels.
14. 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:
 - f. Other governmental services? YES--Project will require monitoring by County staff.
21. Cultural Resources: Will the proposal result in:
 - a. Alteration of or destruction of a significant archaeological, prehistorical or historical site, structure, object or building? MAYBE--It is unknown at this time if any of the above exists within the project site. If resources exist, project activities such as road construction and preparation of drill pads may destroy them.
 - b. An alteration of, or destruction of, a significant paleontological site? MAYBE--It is unknown if these resources exist within the project site. If resources exist, project activities such as road construction and preparation of drill pads may destroy them.

JFS/p48/EnvDisc

JAN 02 1981
IMPERIAL COUNTY
BUILDING DIVISION

COUNTY OF IMPERIAL
RECLAMATION PLAN

INSTRUCTIONS: Applicant must complete all numbered spaces, use separate sheets if necessary, refer to appropriate item number on all attachments. Please print or type.

OWNERS, OPERATOR, AND AGENT:

1. **APPLICANT:** American Girl Mining Corp.

NAME: Attn: Joseph A. Sawyer
ADDRESS: P.O. Box 879
Winterhaven, CA 92283

TELEPHONE: (619) 572-5700

2. **Name if any, of Mineral Property or site:**

Section 16

3. **Property Owners, or owners of Surface Rights:**
(List all owners)

NAME: State of California - State Land Commission
ADDRESS: 245 West Broadway, Suite 245
Long Beach, CA 90802

TELEPHONE: (213) 590 5201

4. **Owners of Mineral Rights:**

NAME: State of California - State Land Commission
ADDRESS: 245 West Broadway, Suite 245
Long Beach, CA 90802

TELEPHONE: (213) 590 5201

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5. Lessee:

NAME: American Girl Mining Corp.
ADDRESS: P.O. Box 879
Winterhaven, CA 92283
TELEPHONE: (619) 572-5700
(Prospect permit PRC 7384:2)

6. Operator:

NAME: American Girl Mining Corp.
ADDRESS: P.O. Box 879
Winterhaven, CA 92283
TELEPHONE: (619) 572-5700

7. Agent of Process (person designated by operator as his agent for the service of process).

NAME: American Girl Mining Corp./Joseph A. Sawyer
ADDRESS: P.O. Box 879
Winterhaven, CA 92283
TELEPHONE: (619) 572-5700

LOCATION:

8. Legal description of all lands that will be affected by mining operation.

SECTION(s): 16 TOWNSHIP: 15 S
RANGE: 21 E MERIDIAN: San Bernardino
ASSESSORS PARCEL NUMBER(s): 050-320-1001 (10 digits)

9. Size of the lands that will be affected by mining operation.

Total acreage: Approximately 1.4 acres

- 10. Describe in detail the access route to the operation site (attach location and vicinity map).

The area borders American Girl Mining Joint Venture's current mining operation. Access will be by improved gravel road associated with the mining operation.

DESCRIPTION:

- 11. Mineral Commodity (to be) mined: _____

No mining activities are proposed under this reclamation plan.

- 12. Geological description, including brief general geologic setting, more detailed geologic description of the mineral deposit (to be) mined, and principal minerals or rock types present.

Moderate to shallow dipping metamorphosed intrusive rock with local mineralized (gold) fracture zones. Rocks in the valley floor are buried by alluvial gravels less than 30 feet thick.

- 13. Brief description of the environmental setting of the site and the surrounding areas. Describe existing area land use, soil, vegetation, ground water elevation and surface water characteristics, average annual rainfall and/or other factors pertaining to environmental impacts and their mitigation and reclamation.

The setting is the typical desert of Imperial County. Vegetation is sparse and consists of the creosote bush scrub community. As is the case with most desert areas, soil is poorly developed and "top soil", in the usual sense of the word, is absent. Present land use is seasonal recreating and mineral exploration. Average rainfall is approximately 3 inches; there is no surface water except during flooding and ground water is at depths of about 400 feet.

PROPOSED (EXISTING) SURFACE MINING OPERATION:

- 14. Proposed starting date of operation: 2/91

Estimated life of operation: 2 months

Duration of first phase: 2 months

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