



Natural Resources Division
Minerals Section

MINERAL MATERIALS EXPLORATION PLAN OF OPERATION

The following information must be submitted to, and approved by the Department prior to initiating exploration activities on Arizona State Trust land. Cultural Resource and Biological Surveys may be required prior to exploration activities. Additionally, a reclamation bond will be required. Any change in the described operations must first be approved by the Department.

Plan evaluation and approval may require 30 to 60 days.

Application Number(s) Applicant

Name of Operator Telephone

Address of Operator

Name of Field Representative
(If different than operator include address and telephone)

1) Land Description and Map
Attach as Exhibit B to this Plan a U.S.G.S. topographic map with the referenced property identified on the map.
County Township Range Section(s)

2) Period of Exploration Operation
The operation is proposed to begin on and end on
If exploration operations are proposed to exceed one year, an addendum to this plan must be filed prior to the plan expiration date.

3) Access
Identify on Exhibit B the existing and proposed entry routes. Describe in detail the extent of all improved or newly constructed access. Note any locked gates and include any landmarks which will assist in locating the property.

4) Vehicles and Equipment
List by type and size all vehicles and equipment which will be used in connection with the operation. Include the capacity of concentrators for placer operations.

5) **Scope of Operation**

Describe in detail the type and extent of the operation to be performed. Include the estimated area of disturbance and provide detailed information for any earth moving or site clearance operations. For placer type exploration include the amount of material to be processed from each test site, and the dimension of test sites.

Estimated area of disturbance: \_\_\_\_\_

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6) **Affected Land**

Indicate to the nearest 300 feet the location of all proposed areas of surface disturbance on **Exhibit B**. If unable to show on aerial and/or topographic map, complete attached **Exhibit A** or provide coordinate description (topographic grid or distance from section corner).

Coordinate description: Submit as an attachment.

7) **Drilling**

For all drilling operations indicate the type of drilling operation, drilling medium (air, water e.g.) hole diameter, ground elevation and proposed total depth.

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Hole Identification	Elevation	Total Depth
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

If drilling is anticipated, indicate the method of plugging and abandonment. All borings are required to be abandoned according to the Arizona Department of Water Resources (ADWR) Well Abandonment Handbook. This handbook is available at the ADWR website at: <http://www.azwater.gov/azdwr/WaterManagement/Wells/documents/AbandonmentHandbook2008.pdf>

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- 8) **Water Use**  
If the use of water is required, describe the location and quantity to be used.

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- 9) **Reclamation**  
Describe plans for reclamation of disturbed areas. Include measures for segregation of top soil, top soil stabilization, backfilling, erosion control, recontouring, seed bed preparation, method of seeding, seed species, etc. Unless otherwise approved, reclamation on the property is to be completed within the approved plan period of one year.

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10) **Antiquities and Native Plants**

If required, the Permittee agrees to obtain archaeological clearance prior to disturbance on all land surface affected by exploration activities, including access roads.

Pursuant to A.R.S. §3-905, if the destruction or removal of protected native plants is necessary to enjoy the privileges of the permit, the Permittee agrees to notify the Arizona Department of Agriculture at least 60 days prior to removal or destruction. The Permittee also agrees to either salvage the plants for use in reclaiming the property or purchase the plants from the Arizona State Land Department.

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The Applicant agrees to abide by the methods and extent of the operations described herein.

APPLICANT: \_\_\_\_\_  
Signature and Date

Plan must be signed by the applicant, statutory agent (i.e. must have a power of attorney on file with the Department), or be a duly authorized representative of the company.

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Following the Department's evaluation of this plan, a letter with Conditions of Approval, if needed, will be sent to the Applicant. The Applicant must sign and return the Conditions of Approval which will be attached to, and become a part of, the Exploration Plan of Operation.

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**FOR DEPARTMENT USE ONLY**

Plan Number \_\_\_\_\_

Bond Amount \_\_\_\_\_

Approved for the period: Beginning \_\_\_\_\_ Expiring \_\_\_\_\_

Approved By: \_\_\_\_\_ Date \_\_\_\_\_

Date Last Plan Submitted: \_\_\_\_\_ Plan Number \_\_\_\_\_

Denied By: \_\_\_\_\_ Date \_\_\_\_\_

Remarks: \_\_\_\_\_

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\_\_\_\_\_  
\_\_\_\_\_

**SECTION PLAT SHEET**  
(Exhibit A)

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_  
COUNTY \_\_\_\_\_ STATE \_\_\_\_\_ SCALE  $\frac{3}{4}'' = 660'$
