

95-126

OFFICIAL USE ONLY

95-126

R3-FS-2300-4 (10/86)

USDA Forest Service

INVENTORY STANDARDS AND ACCOUNTING
(Reference: FSM 2361)

Forest: TONTO

1. REPORT NUMBER:				2. REPORT DATE:			3. ROUTING: Copies to	
YEAR	FOREST	NUMBER	SERIES	MONTH	DAY	YEAR	<u>02</u> District <u>X</u> SHPO	
95	12	126	--	27	28	1995	RO <u>X</u> 2360	
							<u>X</u> SO: <u>MINERALS</u>	
							Other: _____	

DISCLOSURE C
SITE LOCATION
IS PROHIBITED
(33 CFR 296.16)

4. AUTHOR:

A. RYAN ----- D A B. HERKENHOFF --- S -

5. PROJECT NAME/REPORT TITLE (Abbreviate if necessary):

KENNECOTT DRILLING EXPLORATION #2

6. ABSTRACT/SUMMARY of report and findings: The proponent proposes to test drill in 4 locations for mining exploration. Access will be via existing roads, with minor maintenance around drainage crossings to site B. Some minor drill pad preparation may be needed. Site E is on the margin of [REDACTED], but project area is outside of site. Clearance can be recommended.

Cont. p. 2

7. CONSULTATION/CLEARANCE

A. CONDITIONS OF CLEARANCE: P NONE (No poten. eligible sites in project area)
 _____ AVOID sites specified below _____ MONITOR sites specified below
P REPORT new sites to Forest Archeologist _____ OTHER/ADDITIONAL COMMENTS:

Cont. p. 2

B. ADDITIONAL FIELDWORK REQUIRED: _____ EVALUATE sites specified below
 _____ OTHER:

C. REPORT ACCEPTED: D. CLEARANCE RECOMMENDED:

X YES _____ NOX YES _____ NO _____ N/A

FOREST ARCHEOLOGIST

DATE

E. EFFECT ON CULTURAL RESOURCES:

X No Effect _____ No Adverse _____ Adverse _____ N/A _____ Beneficial

F. TRANSMITTAL TO SHPO: Consultation on:

_____ Effect _____ Eligibility X Info Only

_____ Consultation pursuant to project PA/MOA

B. M. Bala 9-28-95
FOREST SUPERVISOR

DATE

G. SHPO CONCURRENCE: _____ YES _____ YES, per comment below _____ NO

Comments: (_____ Additional comments attached)

_____ Case-by-case concurrence not
 required, per Programmatic Agreement

SHPO

DATE

H. CLEARANCE APPROVED: X YES _____ NOB. M. Bala 9-28-95
FOREST SUPERVISOR

DATE

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(33 CFR 226.18)

DISCLOSURE OF
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District: 02 - Globe
Report Date: 8.22.95

Project Name: KENNECOTT DRILLING EXPLORATION NO. 2

Author(s): S. HERKENHOFF

Date(s) of Fieldwork: 8-15-95

Crew Members: S. HERKENHOFF

Project Coordinator: _____

PROJECT DESCRIPTION: include description and purpose of activity, potential sources of disturbance, and characteristics of area to be impacted.

Kennecott Exploration Company intends to drill mineral exploration holes at 4 sites in the area between [REDACTED]

[REDACTED]. Both reverse circulation and core drilling techniques will be employed. There is existing access to all sites, with little improvement to the existing roads needed. Only site B will require some short road construction to access the drill site & pad, about 100' worth. Drill pad construction will be the minimum needed to set the drill rig. Brush will be cut, rather than scraped out. Mud pits will have to be built at each site. See "Section C. Project Description" for more info.

Some work will need be done to existing road accessing site B, in vicinity of a wash crossing. Other needed work will consist of emplacing fill material.

Problems of observation encountered during survey: SITES ARE A, B, C + E

NONE

Inspected on 9/26/95
Site E - on drainage margin - collapsed mining claim from Percolite operation

Was the Forest Archeologist consulted prior to the survey? N
Was a formal survey plan prepared for this survey? N (if so, attach copy)
Were previous records (reports and maps) checked prior to reporting? N

Previous inventory (by project number): _____

Did a cultural resource specialist evaluate the sites identified? _____

Were site boundaries verified by a cultural resource specialist? _____

Attach topographic map showing project number, scale, North arrow, and clearly labelled project boundaries and site locations (use template to xerox sections of USGS quad sheet). Send in originals of all forms and maps; DO NOT COLOR CODE MAPS. Also attach any site forms and/or field notes.

(OVER)

Project Number: 95-126

PROJECT LOCATION: Gila and Salt River Baseline and Meridian

Township: [REDACTED] Range: [REDACTED] Sections: [REDACTED]

Township: Range: Sections:

Township: Range: Sections:

Township: Range: Sections:

USGS map: _____ USFS quad no.: _____

INVENTORY/ACTIVITY DESCRIPTION

Type: ☒ Complete Survey: traverse interval 20 ft.

Interval Transect Sample:

transect interval: ft. transect width: ft.

traverse interval: ft.

Other survey/sampling method (describe):

Site Recording/Evaluation/Boundary Marking

Monitoring/Inspection

Description: Total project area: *incl. roads* 4.8 acres

Percentage of project area inventoried: 100 %

Additional area inventoried: ~~0~~ acres

Total area inventoried: 4.8 acres

Length and width (linear projects) : x ft.

roads surveyed was $4.1 \text{ over } (1.7 \text{ miles} \times 20')$

Costs: Field: 5 hrs. Write-up: 1.5 hrs. Admin: 1 hrs.

Mileage: 80 mi. Travel: 2 hrs. Per Diem: 0 days

PROJECT FUNCTION

Range (22) Timber (24) Wildlife (26) X Minerals (28)

Recreation (23) Soil & Water (25) Sp1. Uses (27) Lands (54)

___Engineering (71) ___Law Enforcement (53) ___Outservice (64) ___CRM (72)

Other: _____

CULTURAL RESOURCES INVENTORIED: number found (see also cont. sheet 2300-11a)

Prehistoric Sites

Historic Sites

Attach Site Forms!

New Inventory (S.O.):

 Isolated Finds (cont. sheet 2300-11b)

Site Numbers (assigned at S.O.):

Provide brief descriptions of all sites and isolated finds from field notes; attach additional sheets as necessary for comments or additional descriptions.

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DISCLOSURE OF
SITE LOCATIONS
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C38 CFR 296.181

Project No. 95-126

Pine type P and/or J woodland Juniper savannah _____
Grassland Chaparral Desertscrub ☒ Riparian _____

Check species (if known) below:

VEGETATION

<u>A. juniper</u>	<u>datil yucca</u>	<u>rushes & reeds</u>
<u>agave</u>	<u>desert broom</u>	☒ <u>saguaro</u>
<u>alder</u>	<u>desert willow</u>	<u>saltbush</u>
<u>ash</u>	<u>Douglas fir</u>	<u>scar. sumac</u>
<u>aspen</u>	<u>Emory oak</u>	<u>seepweed</u>
<u>barberry</u>	<u>Gambel oak</u>	<u>seep willow</u>
<u>barrel cactus</u>	☒ <u>grasses, ANNUALS</u>	<u>shrub oak</u>
<u>beargrass</u>	<u>greythorn</u>	<u>silk tassel</u>
<u>brittlebush</u>	<u>hackberry</u>	☒ <u>snakeweed</u>
<u>buckthorn</u>	☒ <u>hedgehog cactus</u>	<u>sotol</u>
<u>buckwheat</u>	<u>hopbush</u>	<u>spruce</u>
☒ <u>burrobrush</u>	<u>ironwood</u>	<u>squawbush</u>
<u>bursage</u>	☒ <u>jojoba</u>	<u>sugar sumac</u>
<u>calliandra</u>	<u>locust</u>	<u>sycamore</u>
<u>canotia</u>	<u>lycium</u>	<u>tamarisk</u>
<u>carrizo</u>	<u>manzanita</u>	<u>Utah juniper</u>
<u>catclaw acacia</u>	☒ <u>mesquite</u>	<u>walnut</u>
☒ <u>catclaw mimosa</u>	<u>mtn mahogany</u>	<u>white fir</u>
<u>cattail (tule)</u>	<u>ocotillo</u>	<u>white oak</u>
<u>ceanothus</u>	<u>one-seed juniper</u>	<u>whitethorn</u>
☒ <u>cholla</u>	☒ <u>palo verde (B/Y)</u>	<u>willow</u>
<u>cliffrose</u>	<u>pinyon</u>	<u>Yucca elata</u>
<u>cottonwood</u>	<u>ponderosa</u>	☒ <u>other:</u>
☒ <u>creosote bush</u>	☒ <u>prickly pear</u>	<u>wolfberry</u>
<u>currant</u>	<u>ratany</u>	

Number of sites: 0 (attach site forms)

Types of prehistoric sites (check 1 or more for each one found):

structural agricultural rock art
lithic scatters ceramic and/or mixed scatters

CULTURAL
PROPERTIES
SUMMARY

Types of historic sites (check 1 or more for each one found):

structural agricultural mining
artifact scatters dumps trad. cultural properties

Other cultural material:

diffuse artifact scatters isolated artifacts

DISTURBANCE

erosion ☒ roads ☒ construction logging mining
fire suppression grazing ☒ pothunting other

General level of surface disturbance in project area:

minimal

ADDITIONAL COMMENTS ABOUT THE PROJECT AREA AND/OR THE SURVEY:

1. found at site A
2. found at site E
3. found at site B
4. _____

5. ALSO NOTE:

work will be done in this area.

DISCLOSURE
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(36 CFR 296.18)

PROJECT ENVIRONMENT

LANDFORMS

Floodplain__ Bluff Edge__ Terrace/Bench ☒ Hilltop__
Mesa Top__ Ridge Crest__ Hillslope ☒ Colluvial Fan__
Cliff Face__ Other: _____

Comments: _____

SLOPES

Flat ☒ Gentle__ Steep__

SURFACE
DEPOSITS

Alluvium ☒ Colluvium__ Eolian__ Talus__ Gravels__
Bedrock ☒ Outcrop and coarse fragments ☒ Other__

Comments: _____

LOCAL
ROCK
OUTCROP

Basalt__ Breccia__ Caliche__ Chalcedony__ Chert__
Conglomerate__ Dacite ☒ Diabase__ Diorite__ Gneiss__
Granite__ Gypsum__ Limestone__ Obsidian__ Phyllite__
Quartz__ Quartzite__ Rhyolite lava ☒ Sandstone, tuffaceous conglomerate
Schist__ Shale__ Tuff__ Other: _____

Comments: _____

LOCAL
SOILS

Abundant ☒ Scarce ☒ - SITES E OTHERS
Rocky__ Gravelly ☒ Sandy ☒ Clayey__ Loamy__
Deep__ Shallow__ Estimated depth in level areas__

Estimate based on: guess__ excavation__ erosion ☒
Parent material: _____

Comments: coarse fragments throughout

ARABLE LAND

SITE E POSSIBLY SITE A
Present in project area ☒ adjacent area__ none present__
Size of parcel, if present: _____ acres
Type: floodplain__ terrace__ cienega__ gentle slope ☒
pocket__ constructed facilities__
Water available for agriculture: marsh__ spring__ stream__
irrigation__ runoff ☒
Use: parcel now or recently used for farming__ pasture__
no obvious signs of present or recent ag. use ☒

Comments: _____

WATER

Most reliable source in project area: marsh__ spring__
stream__ runoff ☒
Name(s) of major source(s): QUEEN CK.
Reliability of major source(s): permanent ☒ seasonal__
temporary__ relict__

Comments: permanent from [REDACTED]

Tonto National Forest
CULTURAL RESOURCES
PROJECT INSPECTION REPORT

Project No. 95-126

Date: 9-26-95

Inspected by: J. Ryan

PROJECT NAME: Dennehoti Drilling Exploration #2

ORIGINAL PROJECT NO. _____

REPORT AUTHOR: S. Herkenhoff

DATE: 8/22/95

Original Project Function: ☒ Original Project Acreage: ☒

Number of Sites Recorded by Original Survey: _____

Number of Isolated Finds/Original Survey: 0

ACREAGE RESURVEYED FOR INSPECTION: _____

SITES INSPECTED (by Number): _____

TOTAL: _____

DISCREPANCIES IDENTIFIED DURING INSPECTION (Attach addit sheets as needed)

Drill site E is on the margin of [REDACTED]
[REDACTED] Field inspected to insure the drilling would have
no impacts on any potential features/elements of the site.

Drill location is on a narrow floodplain of a small
drainage, below bench that would contain [REDACTED]
3 isolates observed:

1 [REDACTED]
1 [REDACTED]
1 [REDACTED]

No features within project area which could be potentially
impacted.

(__ cont'd)

ATTACH PROJECT MAP DEPICTING AREA AND SITES INSPECTED

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(35 CFR 2.20)

REASONS FOR DISCREPANCIES: _____

CORRECTIVE MEASURES/RECOMMENDATIONS: _____

SITES DAMAGED BY PROJECT ACTIVITIES (by Number): _____

_____ TOTAL: _____

GENERAL DESCRIPTION OF CAUSE OF DAMAGE: _____

(Attach Damage Assessment Field Report for each damaged site)

COSTS:	Field: _____ hrs	Write-up: _____ hrs	Admin: _____ hrs
	Mileage: _____ miles	Travel: _____ hrs	Per Diem: _____ days

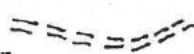
Explanation

Used Kennecott Drill Site
(50' x 80')

Using Kennecott
Hole

Approximate Location of
Kennecott Controlled Lode Claims

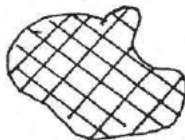
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(36 CFR 296.10)



Existing road,
improvements necessary
when hi-lited

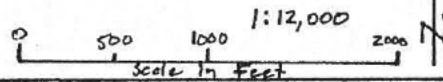


Route of access to
drill site



Active or previous
Mining - surficial

- Lands:



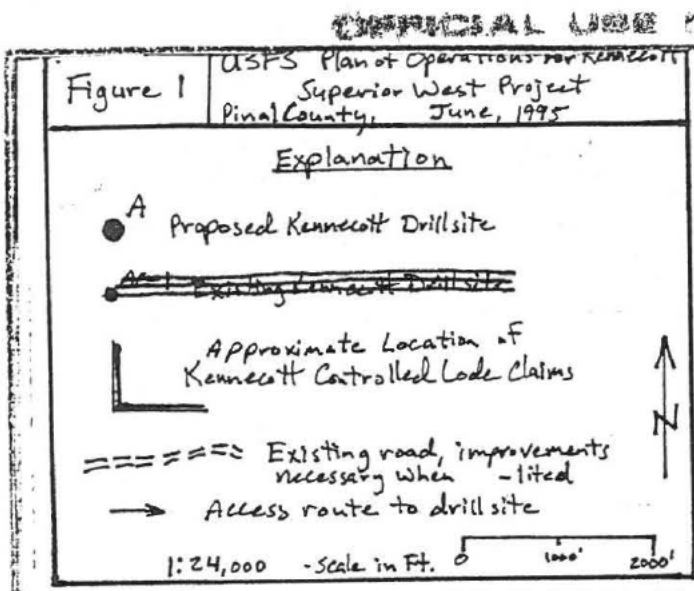


Figure 1. Project No. 95-126. Kennecott Exploration Drilling No. 2

KEY
 ● = project boundary
 = survey boundary
 ○ = site location

DISCLOSURE OF
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 IS PROHIBITED
 136 CFR 201.16

scale = 1:24,000 FS Quad No.: A USGS Quad Name: [REDACTED]
 Project legal location: Township(s): [REDACTED]
 Range(s): [REDACTED]
 Section(s): [REDACTED]

for Sites B + C - road clearances were done from * directly to the respective site.
 for Site A + E - " " " " main road to the site (re follow the arrows)

