

***APPENDIX C***  
***RESULTS OF DIRECTED SURVEYS FOR DESERT TORTOISE***

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September 6, 2002  
Job Number: 1254-001  
**Desert Tortoise Survey Results**

**MEMORANDUM FOR THE RECORD**

2.6 1254-001.M06

TO: Distribution List

FROM: Sapphos Environmental, Inc.  
(Mr. David Bise)

SUBJECT: Results of Directed Surveys for Desert Tortoise

ATTACHMENTS:

- 1. Regional Vicinity Map
- 2. Local Vicinity Map
- 3. Topographic Map
- 4. Desert Tortoise Survey Area Map
- 5. Plant Communities Map
- 6. Results of Desert Tortoise Surveys Map
- 7. Desert Tortoise Survey Forms

This Memorandum for the Record (MFR) transmits the results of directed surveys for desert tortoise (*Gopherus agassizii*), a federally and state-listed threatened species, in support of an Environmental Impact Report (EIR) under preparation for the Redevelopment Area Expansion, Detachment, Annexation, and Automotive Test Course, Project, California City, Kern County, California (EIR).

At the direction of Wateridge Capital Group, LLC, (Mr. David Nybo), a habitat assessment and subsequent directed surveys were undertaken to assess the presence and level of utilization of the Proposed Automotive Test Course Project Site (project study area) by desert tortoise. Directed surveys for desert tortoise were undertaken by Sapphos Environmental, Inc., (Dr. Brad Blood, Mr. Blair Baker, Ms. Melisa Helton, Ms. Melissa Ross, Ms. Carol Watson, Mr. David Bise, Mr. Michael McGovern, and Mr. William Vanherweg) between March 18 and April 4, 2002. Additional surveys for Mohave ground squirrel (*Spermophilus mohavensis*), sensitive wildlife species, and locally important plants species were also performed concurrently with desert tortoise surveys. The results of those surveys are reported separately.

Only the project study area is proposed for development under this Draft EIR. There are seven project components within the project study area: oval test track, winding track, vehicle dynamic area (VDA), bridge, entry road, hill-up road, and building and parking lot. All other project elements included in the draft EIR are analyzed at a programmatic level, which would entail surveys for biological resources prior to future development.

Listed species are those species provided special legal protection under the Federal Endangered Species Act, the State Endangered Species Act, or both.

## **PROJECT LOCATION**

The proposed project site is located in the southeastern portion of Kern County, (Attachment 1, *Regional Vicinity Map*) approximately 60 miles southeast of downtown Bakersfield. The proposed project study area is composed of approximately seven sections (4,300 acres) located approximately 0.5 mile north of State Highway 58 (Attachment 2, *Local Vicinity Map*). This location is depicted on the Sanborn USGS 7.5-minute series topographic quadrangle (Township 11 North, Range 11 West, Sections 9, 10, 11, 14, 15, 16 and portions of Sections 22, 23 and 24, Attachment 3, *Topographic Map*). The proposed project study area is accessible from State Highway 58. Entrance to the site can be gained from an unsigned street that exits north off State Highway 58 approximately 9 miles east of the town of Mojave adjacent to an AT&T radio tower. Several existing dirt roads provide access to the interior and exterior boundaries of the site.

## **METHODS**

Prior to field surveys, Sapphos Environmental, Inc. reviewed previously prepared reports concerning the project study area<sup>1,2</sup> and reviewed the most recent version of the California Natural Diversity Data Base (CNDDDB)<sup>3</sup> to identify records of occurrence of desert tortoise and of other listed or sensitive species that had been reported within the vicinity of the proposed project study area. The CNDDDB was searched for the USGS 7.5-minute series topographic quadrangles for the de-annexation and redevelopment areas (California City North, Galileo Hill, Johannesburg, Mojave Northeast, North Edwards, Sanborn and Saltdale Southeast), for the annexation area (California City South), and for the Automotive Test Course (Sanborn). All adjacent 7.5 minute topographic quadrangles were also reviewed (Bissell, Boron, Boron Northwest, Cache Peak, Cantil, Cinco, Cross Mountain, Edwards, Leuhman Ridge, Mojave, Rogers Lake North, and Soledad Mountain).

The above reviews resulted in the identification of numerous recorded occurrences of desert tortoise within the vicinity of the proposed project study area, all presumed extant. Subsequently, a habitat assessment of the proposed project study area was performed by Sapphos Environmental, Inc. (Dr. Brad Blood and Mr. William Vanherweg) in late January 2002. The purpose of the assessment was to determine the presence of potentially suitable habitat on site, and to determine the location of the survey area.

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<sup>1</sup>AMEC Earth & Environmental, Inc., November 2001. *Baseline Biological Resources Review for a Project Near California City, California*. Prepared for Wateridge Capital Group, LLC., 221 Town Center West, Suite 106, Santa Maria, California 93458; Prepared by AMEC Earth & Environmental, Inc., 1 East Anapamu Street, Santa Barbara, CA 93101.

<sup>2</sup>U.S. Fish and Wildlife Service, Ventura Fish and Wildlife Office, 10 September 1998. (Memorandum. Subject: Biological Opinion for Western Mojave Land Tenure Adjustment Project (6844440 (CA-063.50)) (1-8-98-F-60R). Prepared for District Manager, California Desert District, Bureau of Land Management, Riverside, California. Prepared by U.S. Fish and Wildlife Service, Ventura Fish and Wildlife Office, 2493 Portola Road, Suite B, Ventura, CA 93003.

<sup>3</sup>California Department of Fish and Game (CDFA), 2002. *California Natural Diversity Data Base State and Federally Listed Endangered and Threatened Animals of California List*. Sacramento, CA.

The habitat assessment determined that the proposed project study area supported potentially suitable habitat for desert tortoise and consequently a survey area was defined (Attachment 4, *Desert Tortoise Survey Area Map*).

Directed surveys for desert tortoise were performed using a modification of the published United States Fish and Wildlife Service (USFWS) protocol.<sup>4</sup> Areas of potential impact for the proposed project study area were walked at 100-foot transects across the proposed oval track area and extending each transect out 0.25 mile on all sides or up to the proposed project boundary. For the remaining project components, surveys were conducted at 30-foot transect intervals. All desert tortoise sign (live tortoises, shells, scutes, limbs, scat, burrows, pallets, tracks, egg shell fragments, courtship rings, drinking sites, and mineral licks) were flagged and mapped using handheld global positioning systems (GPS), Scout model. Any burrows or desert tortoises observed were flagged.

## SPECIES CONSIDERED

### ***Desert Tortoise***

#### **Distribution**

The desert tortoise (*Gopherus agassizii*) is federally and state-listed as threatened under the federal and state Endangered Species Acts. It inhabits the Mojave, Colorado, and Sonoran Deserts in the southwestern United States and adjacent Mexico. The Mojave population occupies those portions of the Mojave and Colorado Deserts north and west of the Colorado River in southwestern Utah, northwestern Arizona, southern Nevada, and California. The desert tortoise is the only naturally occurring tortoise in the Mojave Desert. A query of the CNDDB returned no records for desert tortoise in the Sanford quadrangle, in which the proposed project occurs; however, the CNDDB lists 29 occurrences of this species within the State of California, all of which are presumed extant.<sup>5</sup> CNDDB occurrences of this taxon are distributed among the following counties: Inyo, Kern, San Bernardino, Los Angeles, Riverside, and Imperial. The three nearest known occurrences that site desert tortoise densities to the proposed project include the south end of Lucerne Valley north of the Lava Mountains in 1986 (Spangler Hills East and West, Black Hills, West of Black Hills, Klinker Mountian, and Christmas Canyon quadrangles), which is approximately 48 miles northeast of the proposed project; and in Fremont Valley south to the vicinity of Adelanto and Highway 15 east to Calico Mountains, in 1987 (74 quadrangles, centered on the Barstow area), which is approximately 70 miles southeast of the proposed project.

#### **Description**

The desert tortoise is distinguished from other species of tortoise by a combination of characteristics. Desert tortoise adults can measure up to 15 inches in shell length and have a wedge-shaped head with a high-domed carapace. Desert tortoises weigh approximately 8 to 15 pounds. The desert tortoise

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<sup>4</sup>USFWS, 1998.

<sup>5</sup>CDFG, 2002.

possesses an interhumeral seam longer than the integular seam, a single triangular axillary scale, and distance from base of first claw to fourth claw is equal to the forefoot and hindfoot.

## **Habitat Associations**

The desert tortoise can be found primarily within creosote bush scrub vegetation, but also in succulent scrub, cheesebush scrub, blackbush scrub, hopsage scrub, shadscale scrub, microphyll woodland, and Mojave saltbush-allscale scrub. Desert tortoises survive and reproduce in these vegetation types where their basic habitat requirements are met. These environmental extremes are suitable substrates for burrowing and nesting and adequate areas for movement and dispersal. Desert tortoises occur most commonly on gently sloping terrain with soils ranging from sand to sandy-gravel and with scattered shrubs, and where there is abundant inter-shrub space for growth and herbaceous plants.

## **Space Use**

Desert tortoises spend much of their lives in burrows. During late winter and early spring, they typically emerge to mate and feed. They remain active during the spring and sometimes emerge from their burrows after summer storms.

## **Reproduction**

Desert tortoises experience delayed sexual maturity and long life, otherwise known as K-strategists. They reach sexual maturity at approximately 7 to 8 years of life. Mating typically occurs from August through October. They lay approximately 4 to 8 eggs and incubations last for 90 to 120 days. Birth intervals range from 2 to 3 times per year.<sup>6</sup>

## **Food Habits**

During periods of activity, desert tortoises eat a variety of herbaceous vegetation primarily consisting of grasses and flowers of annual plants. In periods of harsh or unusually dry conditions, desert tortoises can retreat to burrows where they lower their metabolism and loss of water and consume very little food.

## **RESULTS**

### **Plant Communities Providing Potentially Suitable Habitat**

The proposed project study area supports the four plant communities listed below (Attachment 5, *Plant Communities Map*):

- 2013.84 acres of Mojave Creosote Bush Scrub (Element Code 34100)

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<sup>6</sup>B. Burge, and A. R. Royo, "The Desert Tortoise." 9 April 2002. Available at:  
[http://www.desertusa.com/june96/du\\_tort.html](http://www.desertusa.com/june96/du_tort.html).

- 341.98 acres of Joshua Tree Woodland (Element Code 73000)
- 2061.05 acres of Desert Saltbush Scrub (Element Code 36110)
- 63.05 acres of Development

**Mojave Creosote Bush Scrub** (Element Code 34100), a state-designated sensitive plant community, consists of shrubs usually 0.5 to 3 meters in height and widely spaced with bare ground between plants. It occurs in areas of well-drained secondary soils on slopes, fans, and valleys. Mojave Creosote Scrub corresponds to the Creosote Bush Series as described by Sawyer and Keeler-Wolf, referenced above. Mojave Creosote Bush Scrub is the dominant plant community in the survey area. Plant species identified on site that are representative of the Mojave Creosote Bush Scrub community include creosote, burro-weed, burrobush, golden cholla (*Opuntia echinocarpa*), hopsage, Mormon tea, saltbush, horsebrush (*Tetradymia*), and boxthorn (*Lycium cooperi*).

**Desert Saltbush Scrub** (Element Code 36110) is a community of usually low, grayish, and microphyllous shrubs 0.3 to 1 meter in height, with some succulent species. Plants are widely spaced with bare ground between and stands are typically dominated by a single species of saltbush (*Atriplex* sp.)<sup>7</sup>. Desert Saltbush Scrub corresponds to the Allscale Series and in part to the Fourwing Saltbush Series and the mixed Saltbush Series as described by Sawyer and Keeler-Wolf. Plants species identified on site that are representative of the Desert Saltbush Scrub plant community include saltbush (*Atriplex polycarpa*, *A. canescens*), hopsage, burrobush, California buckwheat (*Eriogonum fasciculatum*), Mormon tea, and saltgrass (*Distichlis spicata*).

**Joshua Tree Woodland** (Element Code 73000) is a community of open woodland with numerous shrub species between 1 and 4 meters in height. During most of the year, little or no understory is present. Stands are dominated by numerous species including sclerophyllous evergreen trees and shrubs (*Yucca* sp.), microphyllous evergreen shrubs (*Juniperus* sp.), semideciduous shrubs (*Eriogonum* sp., *Tetradymia* sp.), semisucculents (*Lycium* sp.), and succulents (*Opuntia* sp.). Joshua Tree Woodland corresponds to the Joshua Tree series as described by Sawyer and Keeler-Wolf. Joshua Tree Woodland occurs scattered over the proposed Annexation study area. Plant species identified on site that are representative of the Joshua Tree Woodland plant community include: Joshua tree, Mormon tea, California buckwheat, creosote, spiny boxthorn, rabbit bush (*Chrysothamnus nauseous*), and horsebrush.

**Developed** is not a plant community as defined by Holland. The developed areas within the proposed Automotive Test Course site consists of unimproved dirt and gravel roadways. These roads appear to have occasional use and allow access to the perimeter and interior of the site.

### Desert Tortoise

Two live desert tortoises were observed during directed surveys. Additionally, a third observation of a live desert tortoise was made on April 4, 2002, during the performance of Mohave ground squirrel

<sup>7</sup>R.F. Holland, 1986. *Preliminary Descriptions of the Terrestrial Natural Communities of California*. Non-Game Heritage Program. Sacramento, CA: California Department of Fish and Game.

surveys (results of Mohave ground squirrel surveys are reported separately). All observed tortoises seemed healthy. Two Class 1, eight Class 2, 10 Class 3, 86 Class 4, and 84 Class 5 burrows were observed and mapped during directed surveys (Table A-1, *Summary of Desert Tortoise Observations*; Attachment 6, *Results of Desert Tortoise Surveys Map*). Eleven carcasses of dead tortoises were also observed during directed surveys. The age of remains could not be determined, and all remains were left where found. Desert tortoise scat was also observed.

**TABLE A-1  
SUMMARY OF DESERT TORTOISE OBSERVATIONS**

OBSERVATION TYPE	TOTAL NUMBER OF OBSERVATIONS	OBSERVATION CLASS
Individuals	2	N/A
Burrows	190	Class 1 <sup>a</sup> - 2 Class 2 <sup>b</sup> - 8 Class 3 <sup>c</sup> - 10 Class 4 <sup>d</sup> - 86 Class 5 <sup>e</sup> - 84 <b>Total - 190</b>
Carcasses/Scutes	11	Class 1 <sup>f</sup> - 1 Class 4 <sup>g</sup> - 4 Class 5 <sup>h</sup> - 6
Scat	3 (some burrow observations have scat as well)	Class 3 <sup>i</sup> - 3

a. currently active, with tortoise or recent tortoise sign  
 b. good condition, definitely tortoise; evidence of recent use  
 c. deteriorated condition; definitely tortoise  
 d. deteriorated condition; possibly tortoise  
 e. good condition; possibly tortoise  
 f. fresh or putrid  
 g. shell bone falling apart; growth rings on scutes are peeling  
 h. disarticulated and scattered  
 i. dried; no glaze or odor; dark brown

## Habitat

Portions of the proposed project study area have been heavily impacted by past grazing by domestic sheep, other portions have sustained lesser or no impacts from grazing. However, signs of grazing are

evident to a greater or lesser extent throughout the site, and include scat and evidence of over-grazed vegetation. The site also demonstrates signs of disturbance by humans. Signs include approximately 60 acres of existing unimproved roads, scattered shot gun shells and bullet casings, trash, abandoned camp sites, and abandoned automobiles. Additionally, signs of historical military uses are found throughout the site, including ammunition casings, some unexploded ordinance, and at least one air craft crash site.

The study area is currently classified as Category III, desert habitat by the BLM.<sup>8</sup> Category III desert tortoise habitat is defined as habitat areas that are not essential to maintenance of viable populations, contain low to medium densities and are not contiguous with medium or high density areas, and in which the population is stable or decreasing.<sup>9</sup>

Should you have any questions concerning the information contained in this MFR, please contact Mr. David Bise or Dr. Brad Blood at (626)683-3547.

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<sup>8</sup>Bureau of Land Management, 1989. *Map of Categories of Habitat for the Desert Tortoise*. Bureau of Land Management, Riverside, CA.

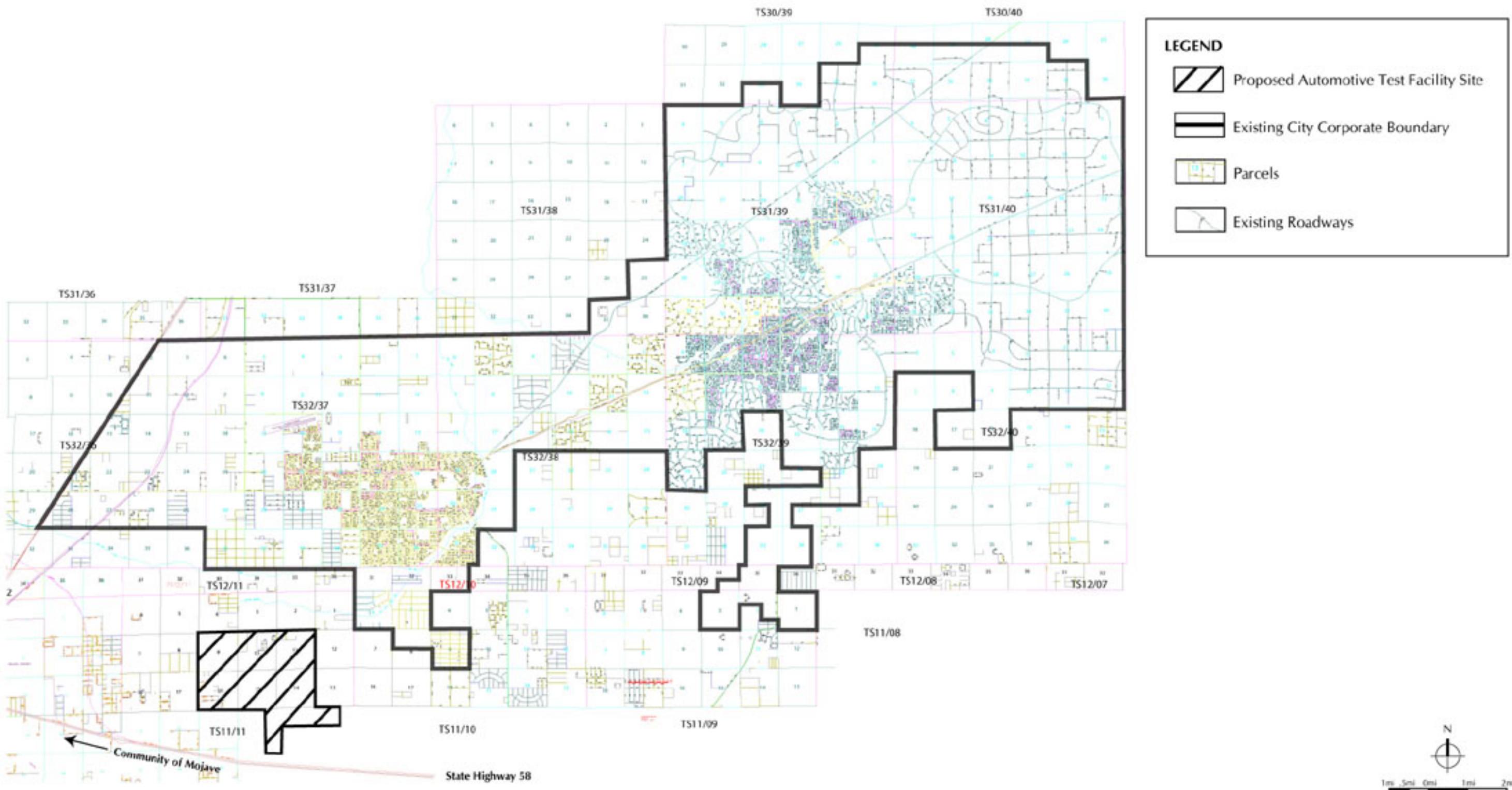
<sup>9</sup>Bureau of Land Management, 1992. *California Statewide Desert Tortoise Management Policy*. Bureau of Land Management, Barstow, CA and California Department of Fish and Game, Region 4 and 5.



#### LEGEND

- Project Location    County Boundary

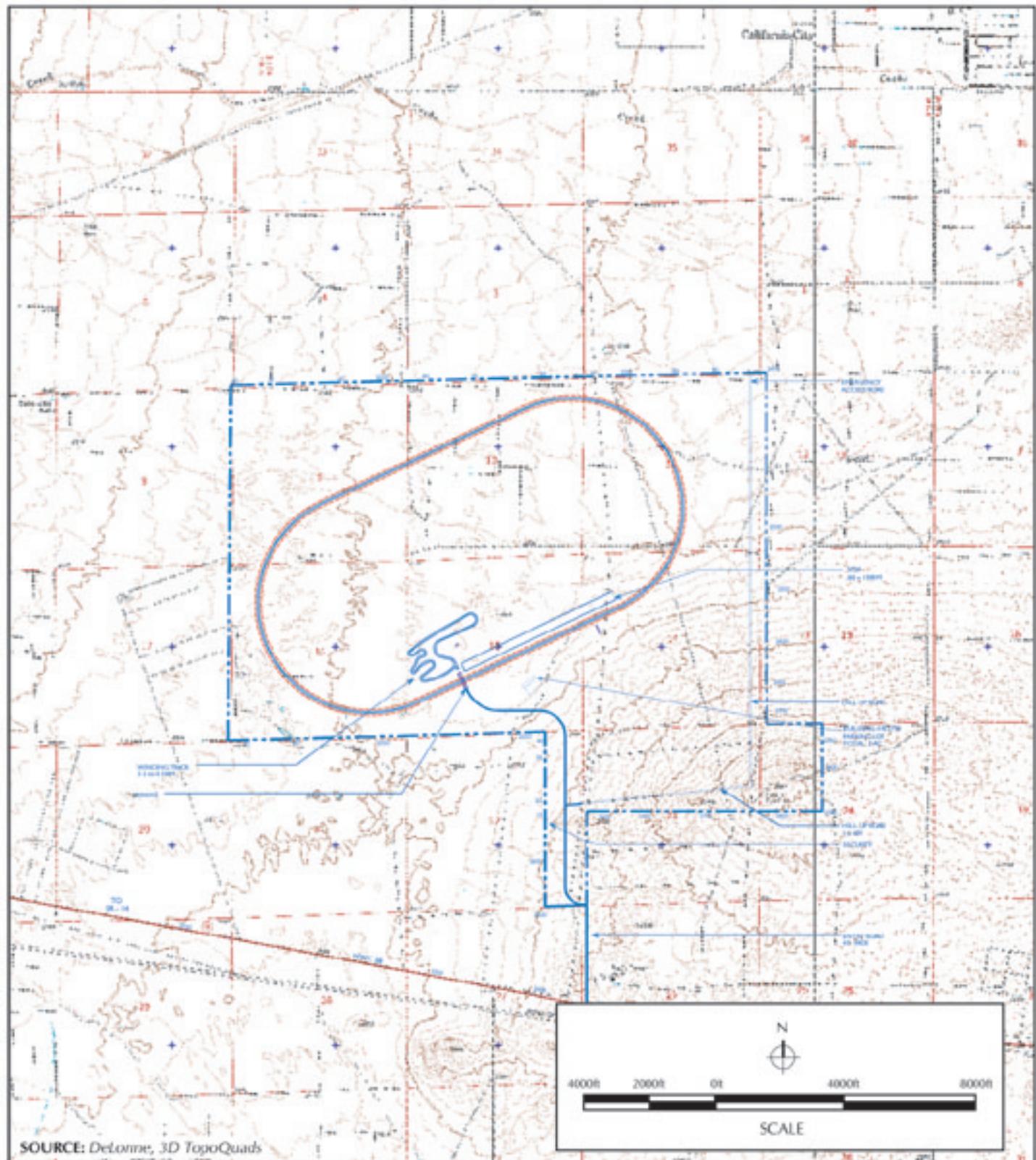




SOURCE: Rosenow Spevacek Group, Inc.



**ATTACHMENT 2**  
Local Vicinity Map

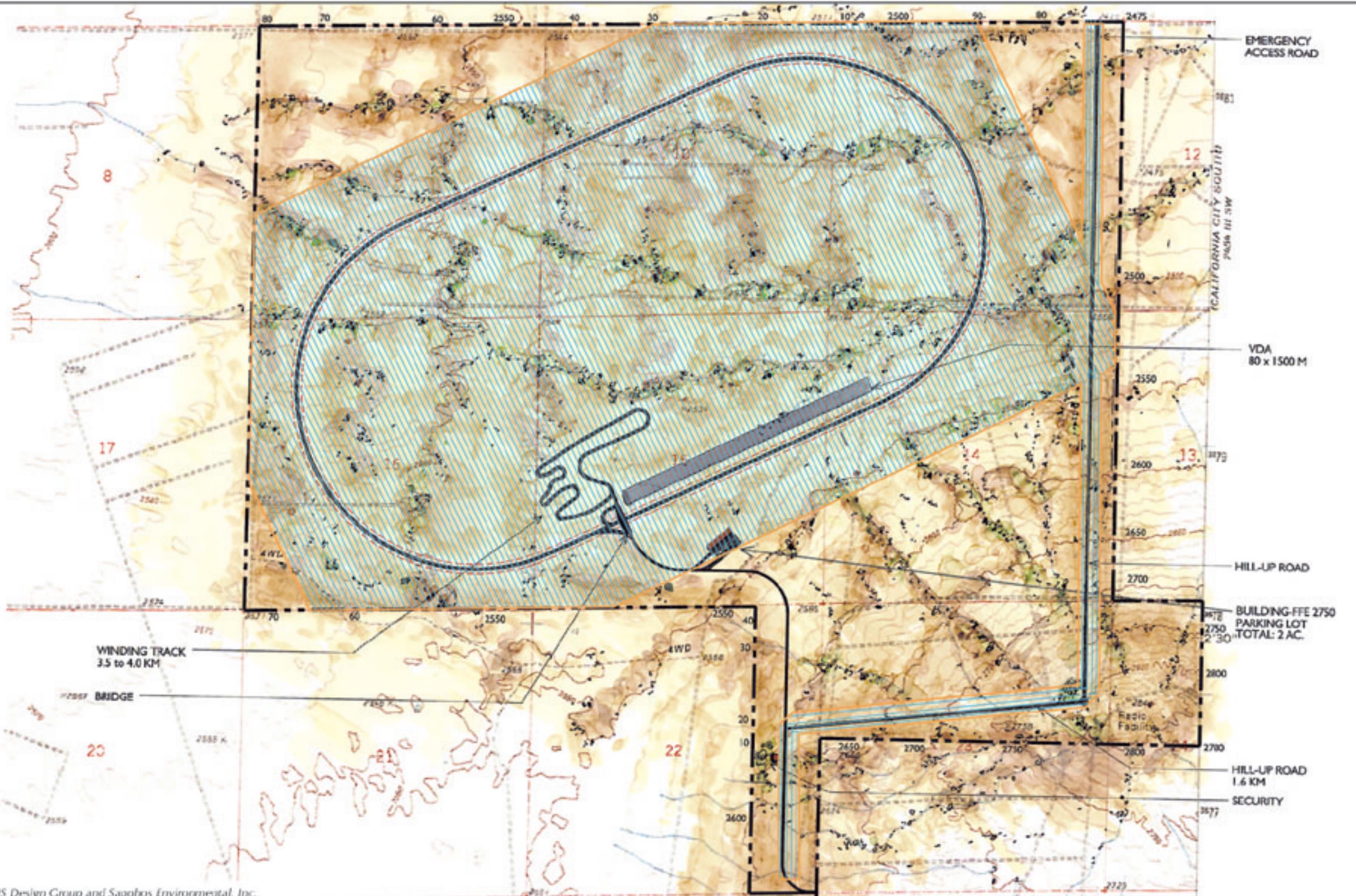


#### LEGEND

Proposed Project Boundary



ATTACHMENT 3  
Topographic Map



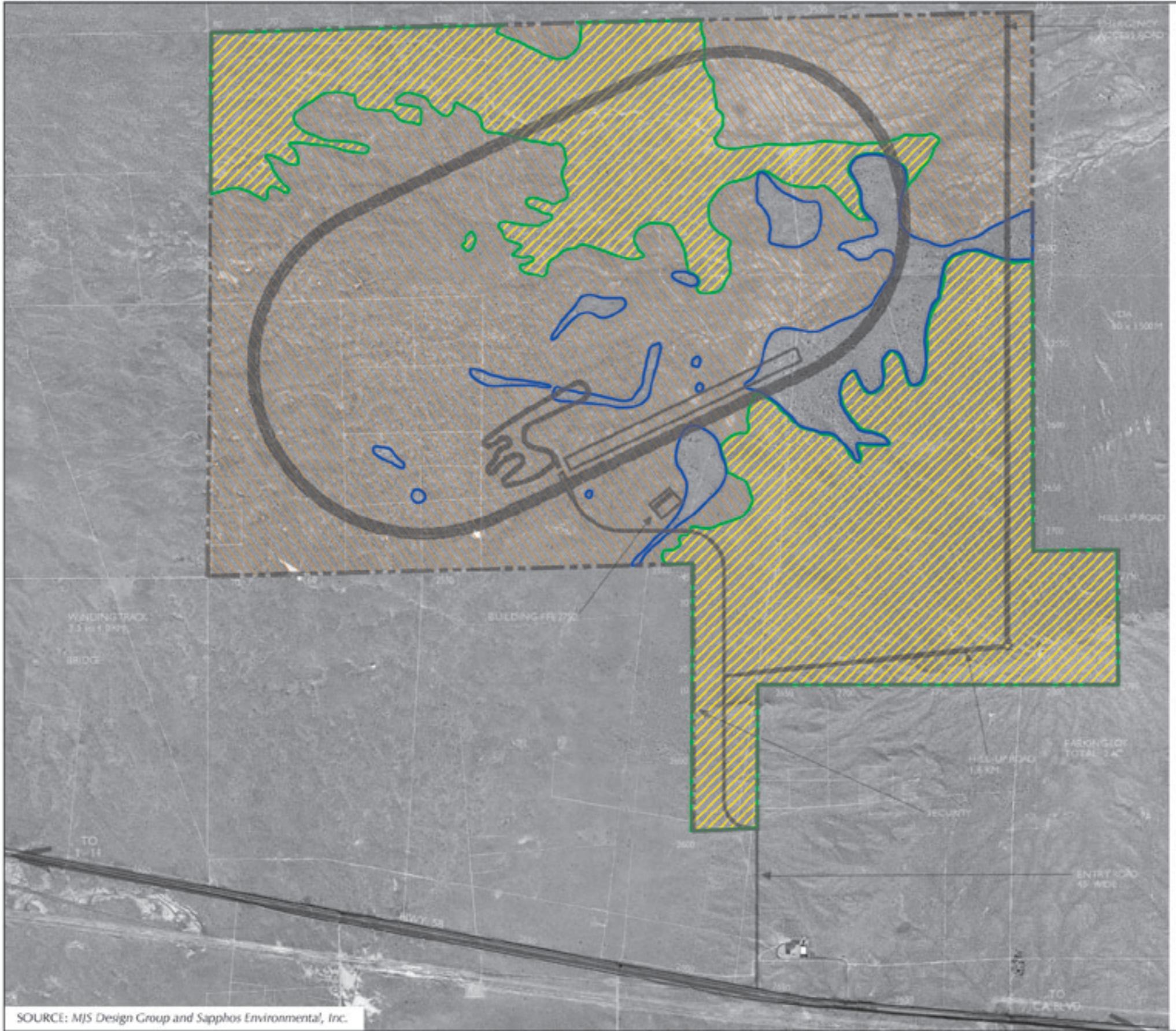
N  
1000ft 500ft 0ft 1000ft 2000ft  
SCALE

#### LEGEND

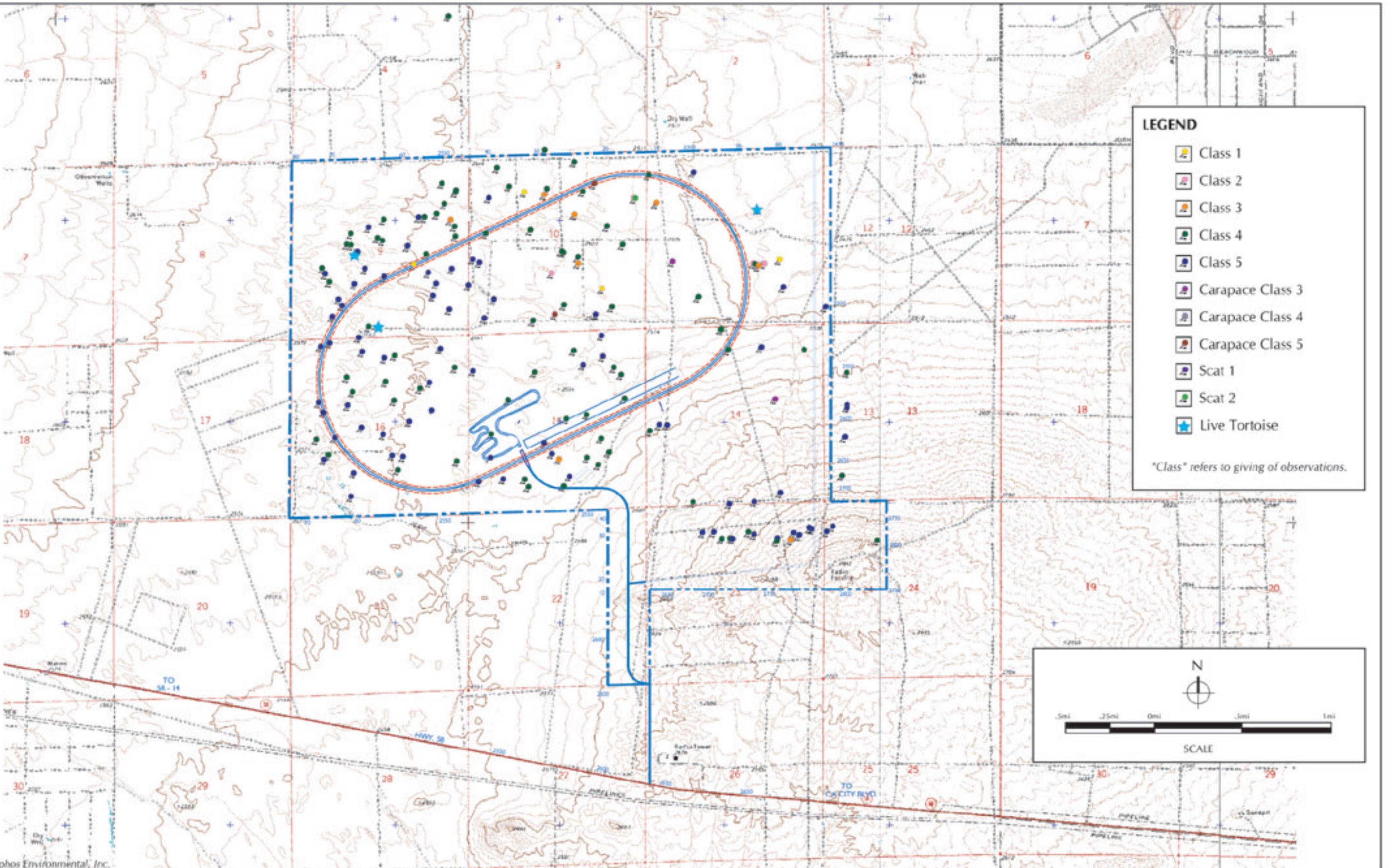
Transect Lines (increments = 100')

Survey Area Boundary





### SCALE



**ATTACHMENT 6**

Results of Desert Tortoise Survey Map

**ATTACHMENT 7**  
**DESERT TORTOISE SURVEY FORMS**

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January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanbon  
Scale 1:24000  
Site Name  
T 11 N R 11 W Sec 24  
4 Sec NW 44 Sec  
UTM Zone  
Northing  
Easting  
Parcel No.

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
% Slope: high    low 5 Aspect \_\_\_\_\_ Elevation 2800 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials Crosoke bush, saltbrush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi Open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation Crosoke bush Scrub and saltbrush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive			
A=	J=	2 Burrows		A=	J= Unk=
		2 Inactive	M=	F=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN							
Tire Tracks	Human Footprints	Dog Sign	Trash	Dump	Shotgun/ Rifle Shells	Blading	Ravens Other
3 sets	no	no	yes	no	yes	yes	yes unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
216	5	35°02.458'N 118°00.369'W	8	24	
222	4	35°02.387'N 118°00.102'W	6	12	

Condition of Shelter Site<sup>1</sup>/Comments

216 - good condition, possible tortoise, no definite sign of presence  
222 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

X/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11 N R 11W Sec 23  
4 Sec NE 44 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || | ft from Project Site  
Transact Length: 10540 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
% Slope: high \_\_\_\_\_ low 5 Aspect \_\_\_\_\_ Elevation 2710 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL	NUMBER OF	Scats <sup>2</sup>	Shell Remains <sup>3</sup>
			Shelter Sites	Pallet/Burrow/Den		
				Active/Inactive <sup>1</sup>		
	A=	J=	11 Burrows		M=	A= J= Unk= 2
			11 Inactive		F=	Unk= 1
Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma w/sign	Middens : w/o sign

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN							
Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Sites	Shotgun/ Rifle Shells	Blading Ravens	Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No.

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
208	4	35°02'398N 118°00.984W	10	12	
211	5	35°02.397N 118°00.706W	9	26	
213	5	35°02.427N 118°00.667W	7	27	
214	5	35°02.413N 118°00.577W	8	24	
215	5	35°02.431N 118°00.407W	12	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 208 - deteriorated condition, possibly tortoise, no definite sign of presence  
211 - good condition, possibly tortoise, no definite sign of presence  
213 - same as above  
214 - same as above  
215 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

- 210 - class 4; shell bone is falling apart, growth rings on scales peeling; scattered  
212 - class 3; male, scales peeling off bone

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early  
air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No.

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Site No.	Type	Location	Width	Estimated Length	Other Sign
217	5	35° 02.444 N 118° 00.497 W	7	24	
218	5	35° 02.449 N 118° 00.508 W	6	24	
219	5	35° 02.418 N 118° 00.846 W	5	12	
220	5	35° 02.397 N 118° 00.977 W	12	24	
225	5	35° 02.581 N 118° 00.845 W	6	12	

Condition of Shelter Site<sup>1</sup>/Comments

- 217 - good condition, possible tortoise, no definite sign of presence  
218 - same as above  
219 - same as above  
220 - same as above  
225 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Imperial  
City  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
226	5	35°02.570 N 118°00.996 W	9	24	

Condition of Shelter Site<sup>1</sup>/Comments

226 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

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M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder: Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11 N R 11 W Sec 23  
1/4 Sec NW 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site M Zone of Influence || ft from Project Site  
Transact Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
Slope: high \_\_\_\_\_ low 5 Aspect \_\_\_\_\_ Elevation 2650 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive <sup>1</sup>			
	A= J=	4 Burrows			A= J= Unk=
		4 Inactive		M= F= Unk=	

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	<u>Neotoma</u> Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints: Sign Sites Rifle Shells

YES | YES | NO | YES | YES | YES | YES | YES | unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder: Brad Blood  
Project Name Auto Track  
Parcel No.

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
206	5	35°02.427 N 118°01.159 W	9	36	
207 (x2)	5	35°02.428 N 118°01.092 W	7	24	2 burrows
221	4	35°02.396 N 118°01.044 W	6	10	

Condition of Shelter Site<sup>1</sup>/Comments

206 - good condition, possible tortoise, no definite sign of presence

207 - same as above

221 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

209 - shell bone is falling apart, growth rings on scutes are peeling, male

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

X/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T NN R NN Sec 13  
W Sec SW N Sec NE  
UTM Zone  
Northing  
Easting  
Parcel No.

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transact Length: 1050 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
% Slope: high 0 low 4 Aspect \_\_\_\_\_ Elevation 2650 ft  
Soils Sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL	NUMBER OF	Scats <sup>2</sup>			Shell Remains <sup>3</sup>
				Shelter Sites	Pallet/Burrow/Den	Active/Inactive <sup>1</sup>	
	A= J=	2 Burrows			M= F=	A= J=	Unk=
		2 Inactive					

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	<u>Neotoma</u> Middens w/sign	: w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Shotgun/ Blading Ravens Other  
Sites Rifle Shells

I set I yes I no I yes I no I yes I yes I unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
203	5	35°02'902N 118°00.297W	9	24	
204	4	35°02'710N 118°00.314W	8	12	

Condition of Shelter Site<sup>1</sup>/Comments

203 - good condition, possible tortoise, no definite sign of presence  
204 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from earlier air flights common

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T N R W Sec 13  
4 Sec NW 44 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  zone of influence | | ft from Project Site  
Transact Length: 10520 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm °C Surface °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
Slope: high 4 low 4 Aspect \_\_\_\_\_ Elevation 2530 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, nornon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation 'creosote bush' scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
			Shelter Sites	Pallet/Burrow/Den		
				Active/Inactive <sup>1</sup>		
	A= J=		3 Burrows			
			3 Inactive		M= F= Unk=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	: w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints Sign Sites Rifle Shells

Yes | yes | no | yes | no | yes | yes | yes | unexploded  
ordnance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

===== INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
201	5	35°03.064 N 118°00.276 W	8	13	
202	5	35°03.051 N 118°00.280 W	6	24	
200	4	35°03.223 N 118°00.281 W	8	12	

Condition of Shelter Site<sup>1</sup>/Comments

201 - good condition, possible tortoise, no definite sign of presence  
202 - same as above  
200 - deteriorated condition, possible tortoise, no definite sign of presence

===== CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

===== CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

===== SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing roads, trash, unexploded ordinance left over by early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and zone of influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or zone of influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/92  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T N R W Sec 14  
4 Sec SE 44 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site M Zone of Influence || ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm °C Surface °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
Slope: high 4 low 4 Aspect \_\_\_\_\_ Elevation 2650 ft  
Soils Sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils Sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL	NUMBER	OF	Scats <sup>2</sup>	Shell Remains <sup>3</sup>
			Shelter Sites	Pallet/Burrow/Den	Active/Inactive <sup>1</sup>		
			A=	J=		M=	A= J= Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma w/sign	Middens w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Shotgun/ Rifle Shells Blading Ravens Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name AutoTrack  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
<u>none</u>					

Condition of Shelter Site<sup>1</sup>/Comments

none

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

224 - Shells remains were broken and scattered, bleached

sex and age undetermined

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from

early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y 4/25/02  
Date \_\_\_\_\_  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name AutoTrack  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T N R W Sec 14  
W Sec SW N Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site

Transact Length: 1050 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_

Weather: Airtemp at: 5 cm °C Surface °C Cloud cover 0 %

Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in

Land Form (e.g., mesa, bajada, wash) bajada

% Slope: high          low 4 Aspect \_\_\_\_\_ Elevation 2600 ft

Soils sandy to gravelly

Vegetation: dominant perennials cactus bush, saltbush, mormon tea

dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site

Soils sandy and gravelly

Vegetation cactus bush, saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites Pallet/Burrow/Den	Active/Inactive <sup>1</sup>		
	Adult/Juv.				
	A= J=	5 Burrows		A= J= Unk=	
		5 Inactive		M= F= Unk=	

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign

					:
--	--	--	--	--	---

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Sites Shotgun/ Rifle Shells Blading Ravens Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

=====

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
34	4	35°02.970N 118°01.200W	7	18	
69	5	35°02.962N 118°01.422W	12	24	
70	5	35°02.962N 118°01.375W	10	36	
87	4	35°02.934N 118°01.481W	7		
223	4	35°02.578N 118°01.216W	9	12	

Condition of Shelter Site<sup>1</sup>/Comments

34 - deteriorated condition, possible tortoise, no definite sign of presence  
69 - good condition, possible tortoise, no definite sign of presence  
70 - same as above  
87 - deteriorated condition, possible tortoise, no definite sign of presence  
223 - same as above

=====

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

=====

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

=====

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11N R 11W Sec 14  
1/4 Sec NE 1/16 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  zone of Influence | | ft from Project Site  
Transect Length: 10360 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
\* Slope: high 2 low 2 Aspect \_\_\_\_\_ Elevation \_\_\_\_\_ ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive <sup>1</sup>			
	A= J=	2 Burrows			
		2 Inactive		M= F=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma w/sign	Middens :w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints: Sign Sites Rifle Shells

Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Antelope Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
10	4	35°03.334 N 118°00.544 W	7	18	
18	5	35°03.340 N 118°00.804 W	8	18	

Condition of Shelter Site<sup>1</sup>/Comments

- 10 - deteriorated condition, possible tortoise, no definite sign of presence  
18 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11 N 8 W Sec 14  
4 Sec NW 4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transact Length: 10500 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) bajada  
% Slope: high \_\_\_\_\_ low 2 Aspect \_\_\_\_\_ Elevation 2520 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials Cactus bush, saltbrush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation cactus bush scrub and saltbrush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
Adult/Juv.		Active/Inactive	1		
A=	J=	2 Burrows		A=	J= Unk=
		2 Inactive		M=	F= Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma w/sign	Middens :w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Dump Sites	Shotgun/ Rifle Shells	Blading Ravens	Other
					:	

Yes | Yes | no | yes | yes | Yes | yes | Yes | unexploded ordnance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
39	4	35° 03.334 N 118° 01.004 W	5		undetermined
40	4	35° 03.436 N 118° 01.047 W	4		undetermined

Condition of Shelter Site<sup>1</sup>/Comments

39 - deteriorated condition, possible tortoise, no definite sign of presence  
40 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

X/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T HN R 11W Sec 15  
X Sec SLE 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transact Length: 10540 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2530 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials cactus bush, saltbrush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation cactus bush scrub and saltbrush scrub

Corrected Sign	Live Tortoises Adult/Juv.	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites Pallet/Burrow/Den	Active/Inactive <sup>1</sup>		
		A=	J=	7 Burrows	M=
				7 Inactive	F=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash	Dump Sites	Shotgun/ Rifle Shells	Blading	Ravens	Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name AutoTracIC  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
71	4	35°02'895N 118°01'778W	10	36	
95	4	35°02'.825N 118°01'731W	8	12	
97	4	35°02'992N 118°01'786W	6	30	
105	4	35°02'763N 118°01'795W			

Condition of Shelter Site<sup>1</sup>/Comments

- 71 - deteriorated condition, possible tortoise, no definite sign of presence  
95 - same as above  
97 - same as above  
105 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

- 86 - scattered carapace fragments, bleached, sex and age undetermined

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blond  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
106	3	35°02.792 N 118°02.031 W	5	36	
117	4	35°02.658 N 118°02.005 W	7	undetermined	
240	5	35°02.706 N 118°01.969 W	10	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

106 - deteriorated condition, definitely tortoise  
117 - deteriorated condition, possible tortoise, no definite sign of presence  
240 - good condition, possibly tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11N R 11W Sec 15  
4 sec SW 44 sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
Slope; high 1 low 2 Aspect \_\_\_\_\_ Elevation 2540 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials crocotile bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation crocotile bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
		Adult/Juv.		Active/Inactive <sup>1</sup>	
		A=	J=	7 Burrows	
				7 Inactive	M= F= Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma w/sign	Middens :w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Shotgun/ Blading Rifle Shells Ravens Other

Yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
111	4	35°02.625' N 118°02.219' W	3	10	
118	5	35°02.818' N 118°02.076' W	14	9	
144	4	35°02.915' N 118°02.440' W	6	24	
145	4	35°02.692' N 118°02.240' W	7	24	
147	5	35°02.799' N 118°02.446' W	7	18	

Condition of Shelter Site<sup>1</sup>/Comments

- 111 - deteriorated condition, possible tortoise, no definite sign of presence  
118 - good condition, possible tortoise, no definite sign of presence  
144 - deteriorated condition, possible tortoise, no definite sign of presence  
145 - same as above  
147 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Anto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
164	5	35°02.679 N 118°02.578 W	8	24	
242	5	35°02.870 N 118°02.123 W	10	12	

Condition of Shelter Site<sup>1</sup>/Comments

164 - good condition, possible tortoise, no definite sign of presence

242 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early  
air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanban  
Scale 1:24000  
Site Name  
T11N R11W Sec 15  
1/4 Sec NE 1/4 Sec  
UTM Zone  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transact Length: 10500 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high 0 low 2 Aspect \_\_\_\_\_ Elevation 2520 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbrush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush and saltbrush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
Adult/Juv.		Active/Inactive <sup>1</sup>			
		A=	J=	8 Burrows	
		8	Inactive		
		M=	F=	A=	J=
				Unk=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Sites Shotgun/ Rifle Shells Blading Ravens Other

yes | Unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
64	4	35°03.211N 118°01.653W	6	12	
68	5	35°03.405N 118°01.772W	12	24	
72	4	35°03.013N 118°01.864W	8	18	
88	4	35°03.093N 118°01.633W	7	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

- 64 - deteriorated condition, possible tortoise, no definite sign of presence  
68 - good condition, possible tortoise, no definite sign of presence  
72 - deteriorated condition, possible tortoise, no definite sign of presence  
88 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
89	5	35°03.301N 118°01.763W	8	18	
93	4	35°03.330N 118°01.941W	6	8	
94	5	35°03.259N 118°01.885W	8	12	
134	4	35°03.246N 118°01.698W	12	30	

Condition of Shelter Site<sup>1</sup>/Comments

- 89 - good condition, possible tortoise, no definite sign of presence  
93 - deteriorated condition, possible tortoise, no definite sign of presence  
94 - good condition, possible tortoise, no definite sign of presence  
134 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over project area

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

X/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T N R W Sec 15  
4 Sec NW 4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site M Zone of Influence || ft from Project Site  
Transact Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm °C Surface °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
Slope: high 1 low 2 Aspect \_\_\_\_\_ Elevation 2540 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbrush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive <sup>1</sup>			
	A= J=	3 Burrows			A= J= Unk=
		3 Inactive		M= F= Unk=	

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints Sign Sites Rifle Shells

yes | yes | no | yes | yes | yes | yes | yes | yes | unexploded  
ordnance

January 1992

M/D/Y  
Date 4/25/02  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
84	4	35°03.222 N 118°02.180 W	5	12	
116	4	35°03.085 N 118°02.339 W	7	undetermined	
229	5	35°03.230 N 118°02.552 W	7	36	

Condition of Shelter Site<sup>1</sup>/Comments

84 - deteriorated condition, possible tortoise, no definite sign of presence  
116 - same as above  
229 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name ATT Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11N R 11W Sec 16  
4 Sec SE 4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transect Length: 10500 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2550 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, manzanita  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL	NUMBER	OF	Scats <sup>2</sup>	Shell Remains <sup>3</sup>
			Shelter Sites	Pallet/Burrow/Den	Active/Inactive <sup>1</sup>		
	A=	J=	5	Burrows			
			5	Inactive		M=	F=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Sites	Shotgun/ Rifle Shells	Blading	Ravens	Other

Yes | Yes | no | yes | yes | Yes | Yes | Yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Yolo  
City  
Recorder Brad Blood  
Project Name Ants Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
165	4	35°02.781 N 118°02.650 W	12	24	
180	5	35°02.804 N 118°02.977 W	9	24	
183,184	4	35°02.738 N 118°03.011 W	8 x 24	9 x 10	2 burrows next to each other
186	5	35°02.810 N 118°03.043 W	8	12	

Condition of Shelter Site<sup>1</sup>/Comments

165 - deteriorated condition, ~~possibly~~ possible tortoise, no definite sign of presence  
180 - good condition, possible tortoise, no definite sign of presence  
183,184 - deteriorated condition, possible tortoise, no definite sign of presence  
186 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

X/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11N R 11W Sec 16  
4 Sec SW 4 $\frac{1}{2}$  Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
Slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2570 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
		Adult/Juv.		Active/Inactive <sup>1</sup>	
		A=	J=	9 Burrows	
		9			M=
				Inactive	F=
					Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Shotgun/ Rifle Shells Blading Ravens Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordnance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name AutoTrack  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
172	5	35°02.912N 118°03.096W	9	24	
175	5	35°02.949N 118°03.231W	8	36	
185	5	35°02.723N 118°03.277W	10	24	
187	5	35°02.897N 118°03.391W	10	24	

Condition of Shelter Site<sup>1</sup>/Comments

172 - good condition, possible tortoise, no definite sign of presence

175 - same as above

185 - same as above

187 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing roads (dirt), trash, unexploded ordinance from early flights over property

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Yerm  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
194	4	35°02.812 N 118°03.430 W	5	16	
195(2)	5	35°02.405 N 118°03.293 W	9	32	2 burrows
196	5	35°02.788 N 118°03.455 W	7	24	
197	4	35°02.888 N 118°03.504 W	9	12	

Condition of Shelter Site<sup>1</sup>/Comments

- 194 - deteriorated condition, possible tortoise, no definite sign of presence  
195(2) - good condition, possible tortoise, no sign of presence (definite)  
196 - same as above  
197 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanban  
Scale 1:24000  
Site Name \_\_\_\_\_  
T1N R1W Sec 16  
1/4 Sec NE 1/4 Sec  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transect Length: 10560ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2550 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises Adult/Juv.	TOTAL NUMBER OF		Scats <sup>2</sup> Remains <sup>3</sup>	Shell
		Shelter Sites Pallet/Burrow/Den	Active/Inactive <sup>1</sup>		
	A= J=	10 Burrows	All Inactive	M= F= Unk=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Nectoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN							
Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading	Ravens	Other
yes	yes	no	yes	yes	yes	yes	unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
143	5	35°03.041N 118°02.785W	7	36	
141	5	35°03.339N 118°02.752W	6	12	
142	4	35°03.248N 118°02.662W	6	18	
159	4	35°03.174N 118°03.083W	2	13	

Condition of Shelter Site<sup>1</sup>/Comments

143 - good condition, possible burrow, no definite sign of presence

141 - same as above

142 - deteriorated condition, possible burrow, no definite sign of presence

159 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Bald Blood  
Project Name Antelope Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
160	5	35° 03.172 N 118° 02.817 W	3	10	
161	4	35° 03.083 N 118° 03.030 W	8	12	
162	5	35° 02.976 N 118° 02.940 W	7	30	
167	4	35° 03.141 N 118° 02.873 W	6	12	

Condition of Shelter Site<sup>1</sup>/Comments

- 160 - good condition, possible tortoise, no definite sign of presence  
161 - deteriorated condition, possible tortoise, no definite sign of presence  
162 - same as 160  
167 - same as 161

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing ~~at~~ dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
----------	------	----------	-------	------------------	------------

168	4	35°03.307N 118°03.027W	5	8	
170	5	35°03.293N 118°03.089W	8	36	

Condition of Shelter Site<sup>1</sup>/Comments

168 - deteriorated condition, possible because, no definite sign of presence  
170 - good condition, possible because, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11 N R 11 W Sec 16  
1/4 Sec NW 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transect Length: 10500 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
Slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2570 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive			
	A= J=	9 Burrows			
		9 Inactive		M=	A= J= Unk=
Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	<u>Neotoma</u> Middens w/sign :w/o sign

						:
<u>SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN</u>						

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints Sign Sites Rifle Shells

yes | yes | no | yes | yes | yes | yes | yes | unexploded  
ordnance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Site No.	Type	Location	Width	Estimated Length	Other Sign
157	5	35°03'325N 118°03.245W	10	36	
158	5	35°03.323N 118°03.226W	10	24	
188	4	35°03.126N 118°03.284W	10	24	
189	5	35°03.023N 118°03.458W	7	15	
176	5	35°03.350N 118°03.479W	8	13	

Condition of Shelter Site<sup>1</sup>/Comments

- 157 - good condition, possible tortoise, no definite sign of presence  
158 - same as above  
188 - deteriorated condition, possible tortoise, no definite sign of presence  
189 - same as 157  
176 - same as 157

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
190	4	35°03'19" N 118°03'31" W	8	10	
191	5	35°03.072' N 118°03.487' W	8	12	
192	5	35°03.368' N 118°03.422' W	10	24	
193	5	35°03.658' N 118°03.312' W	8	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 190 - deteriorated condition, possible tortoise, no definite sign of presence  
191 - good condition, possible tortoise, no definite sign of presence  
192 - same as above  
193 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Imperial  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T11N R11W Sec 11  
4 Sec 6E 44 Sec  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transact Length: 10520 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) Desert floor  
Slope: high 0 low 2% Aspect \_\_\_\_\_ Elevation 2490 ft  
Soils Sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush scrub, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils Sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Shelter Sites Pallet/Burrow/Den	TOTAL NUMBER OF	Scats		Shell Remains
				Adult/Juv.	Active/Inactive	

A=	J=	7 Burrows		A=	J=	Unk=
1 Active, 6 Inactive				M=	F=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	Middens :w/o sign

					:

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading	Ravens	Other

yes	yes	no	yes	yes	yes	yes	yes	unexploded ordinance
-----	-----	----	-----	-----	-----	-----	-----	----------------------

January 1992

H/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City  
Recorder Bald Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
1	5	35°03.645 N 118°00.670 W	undetermined		
2	1	35°03.782 N 118°00.691 W	13	3	tortoise in burrow
4	2	35°03.763 N 118°00.820 W	undetermined		
7	3	35°03.751 N 118°00.821 W	12	36	

Condition of Shelter Site<sup>1</sup>/Comments

- 1 - good condition, possible tortoise, no definite sign of presence
- 2 - currently active, with tortoise in burrow
- 4 - good condition, definitely tortoise, no evidence of recent use
- 7 - deteriorated condition, definitely tortoise

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

H/C/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
8	2	35°03.743 N 118°00.850 W	12	36	
9	4	35°03.743 N 118°00.850 W	10	24	
199	5	35°03.548 N 118°00.413 W	10	18	

Condition of Shelter Sites<sup>1</sup>/Comments

- 8 - good condition, definitely tortoise, no evidence of recent use  
9 - deteriorated condition, possible tortoise, no definite sign of presence  
199 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Previous dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T11N R11W Sec 11  
1/4 Sec SW 1/4 Sec  
UTM Zone  
Northing  
Easting  
Parcel No.

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transect Length: 1050ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high    low 2 Aspect \_\_\_\_\_ Elevation 2500 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials cactus bush, saltbrush, manzanita  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation cactus bush, saltbrush, scrub

Corrected Sign	Live Tortoises Adult/Juv.	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains
		Shelter Sites Pallet/Burrow/Den Active/Inactive	OF		
	A= J=	2 Burrows		A=	J= Unk=
		2 Inactive		M= F=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Shotgun/ Rifle Shells Blading Ravens Other

yes | yes | no | yes | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
13	2	35°03'740 N 118°01.026 W	14	24	
41	4	35°03'596 N 118°01.184 W	7	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

13 - good condition, definitely tortoise but no evidence of recent use  
41 - deteriorated condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

30 - Carapace remains

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11 N R 11 W Sec 11  
1/4 Sec NE 1/16 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transact Length: 10360 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 55 °C Surface 55 °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% slope: high 0 low 2 Aspect \_\_\_\_\_ Elevation 2490 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbrush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbrush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
Adult/Juv.		Active/Inactive			

A=	J=	Burrow	M=	A=	J=	Unk=
		Inactive				

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
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					:	
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SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Sites	Shotgun/ Rifle Shells	Blading	Ravens	Other
-------------	------------------	----------	-------------	------------	-----------------------	---------	--------	-------

yes	Yes	no	Yes	Yes	Yes	Yes	Yes	unexploded ordinance
-----	-----	----	-----	-----	-----	-----	-----	----------------------

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Item  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
4	3	35°04.031N 118°00.820W			undetermined

Condition of Shelter Site<sup>1</sup> /Comments

4 - deteriorated condition, definitely tortoise

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early flights over the property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Lem  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11 N R 11 W Sec 11  
1/4 Sec NW 1/4 Sec  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site M zone of Influence | | ft from Project Site  
Transect Length: 10360 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high 0 low 2% Aspect \_\_\_\_\_ Elevation 2500 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to s. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF		Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites	Pallet/Burrow/Den		
	Adult/Juv.	Active/Inactive			
	A= J=	3 Burrows		A=	J= Unk=
		3 Inactive		M=	F= Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks Human Footprints Dog Sign Trash Dump Sites Shotgun/ Rifle Shells Blading Ravens Other

yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
5	4	35°04'216N 118°01'214W		undetermined	
14	3	35°04'062N 118°01'442W	9	24	
28	4	35°04'202N 118°01'489W	9	22	

Condition of Shelter Site<sup>1</sup>/Comments

5 - deteriorated condition, possible tortoise, no definite sign of presence  
14 - deteriorated condition, definitely tortoise  
28 - same as 5

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11N R 11W Sec 10  
4 Sec SE 44 Sec  
UTM Zone  
Northing  
Easting  
Parcel No.

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high    low 2% Aspect \_\_\_\_\_ Elevation 2520 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S.aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL	NUMBER OF	Scats			Shell Remains	
					2	1	3		
					A=	J=		A=	J=
					M=	F=		Unk=	

|| A= J= || 9 Burrows || || A= J= Unk=

8 Inactive, 1 Active M= F= Unk=

Tracks Eggshell Drinking Courtship Other Neotoma Middens  
Fragments Sites Rings w/sign :w/o sign

|| || || || || : || || || ||

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
Tracks Footprints Sign Sites Rifle Shells

Yes | unexploded  
ordnance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
37	4	35°03.856N 118°01.644W	undetermined		
53	1	35°03.637N 118°01.719W	3	27	
55	4	35°03.817N 118°02.003W	8	undetermined	
59	4	35°03.824N 118°02.014W	10	undetermined	
60	3	35°03.743N 118°01.714W	9	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 37 - deteriorated condition, possible tortoise, no definite sign of presence  
53 - currently active,  
55 - same as # 32  
59 - same as above  
60 - deteriorated condition, definitely tortoise

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from previous air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
62	5	35°03.509 N 118°01.858 W	8	24	
98	4	35°03.534 N 118°02.000 W	7	12	
131	4	35°03.542 N 118°01.711 W	10	12	
132	4	35°03.724 N 118°01.914 W	12	24	

Condition of Shelter Site<sup>1</sup>/Comments

62 - good condition, possible tortoise, no definite sign of presence  
98 - deteriorated condition, possible tortoise, no definite sign of presence  
131 - same as above  
132 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

None

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

None

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City Bakersfield  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T11N R11W Sec 10  
1/4 Sec SW 1/4 Sec  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transact Length: 10540 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 70 °C Surface 70 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high 0 low 2 Aspect \_\_\_\_\_ Elevation 2530 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, Mormon tea  
dominant annuals no annuals in bloom during surveys

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Shelter Sites Pallet/Burrow/Den	Scats <sup>2</sup>	TOTAL NUMBER OF		
				Adult/Juv.	Active/Inactive <sup>1</sup>	Shell Remains <sup>3</sup>

A=	J=	5 Burrows	H=	A=	J=	Unk=
		5 Inactive				

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign

					:

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading Ravens	Other

yes	yes	no	yes	yes	yes	yes	yes	unexploded ordinance
-----	-----	----	-----	-----	-----	-----	-----	----------------------

January 1992

H/D/Y  
Date 4/25/02  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
82	4	35°03.768N 118°02.513W	8	18	
96	4	35°03.478N 118°02.189W	7	18	
99	2	35°03.714N 118°02.074W	8	24	
112	5	35°03.491N 118°02.483W	7	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

82 - deteriorated condition, possible tortoise, no definite sign of presence  
96 - same as above  
99 - good condition, definite tortoise, no evidence of recent use  
112 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flight over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
----------	------	----------	-------	------------------	------------

137 5  $35^{\circ}03.584'N$   $118^{\circ}02.425'W$  5 18

Condition of Shelter Site<sup>1</sup>/Comments

137 - good condition, possible burrow, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

136 - plastron only, disarticulated and scattered

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Imperial  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Gambon  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11N R 11W Sec 10  
1/4 Sec NE 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transect Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high    low 2% Aspect \_\_\_\_\_ Elevation 2530 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, salt bush, Mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Adult/Juv.	TOTAL	NUMBER	OF	Scats		
						<sup>2</sup>	<sup>3</sup>	
	A=	J=		5 Burrows		1	A=	J=

5 Inactives M= F= Unk= |

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN								
Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading	Ravens	Other	
yes	yes	no	yes	yes	yes	yes	yes	unexploded ordnance

January 1992

H/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Site No.	Type	Location	Width	Estimated Length	Other Sign
35	4	35°04.247 N 118°01.937 W	8	undetermined	
29	4	35°0	118°01.888 W	10	15
36	4	35°03.946 N 118°01.740 W	8	undetermined	
42	2	35°04.087 N 118°01.572 W	14	undetermined	type 2 scat
45	4	35°04.005 N 118°01.937 W	11	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

- 35 - deteriorated condition, possible tortoise, no definite signs of presence.  
29 - same as above  
36 - same as above  
42 - good condition, definite tortoise, no evidence of recent use  
45 - same as 35

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

- 42 - type 2 scat., dried with glaze, some odor, dark brown

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

- 130 - class 5, disarticulated and scattered

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T11N R11W Sec 10  
4 Sec NW 4 Sec  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  zone of Influence | | ft from Project Site  
Transact Length: 10500 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high 0 low 2% Aspect \_\_\_\_\_ Elevation 2530 ft  
Soils sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub, saltbush scrub

Corrected Sign	Live Tortoises	TOTAL NUMBER OF	Scats <sup>2</sup>	Shell Remains <sup>3</sup>
		Shelter Sites Pallet/Burrow/Den Active/Inactive <sup>1</sup>		

A=	J=	9 Burrows	M=	A=	J=	Unk=
		8 InActive, 1 Active				

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign

					:

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading Ravens	Other

Yes | yes | no | yes | yes | yes | yes | yes | unexploded ordinance

January 1992

M/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
32	4	35°04.325'N 118°02.115'W	10	24	
33	3	35°04.132'N 118°02.103'W	9	15	
58	1	35°04.118'N 118°02.241'W	16	36	
74	4	35°03.912'N 118°02.474'W	3	10	
90	4	35°04.146'N 118°02.333'W	7	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

- 32 - deteriorated condition, possible fort size, no definite sign of presence  
33 - deteriorated condition, definitely fort size  
58 - currently active  
74 - same as 32  
90 - same as 32

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
91	4	35°04.238N 118°02.406W	7	undetermined	
92	5	35°04.088N 118°02.457W	7	undetermined	
100	4	35°03.729N 118°02.204W	6	12	
135	3	35°04.105N 118°02.118W	6	12	

Condition of Shelter Site<sup>1</sup>/Comments

- 91 - deteriorated condition, possible tortoise, no definite sign of presence  
92 - good condition, possibly tortoise, no definite sign of presence  
100 - same as 91  
135 - deteriorated condition, definitely tortoise

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Trac II  
Type of Project \_\_\_\_\_  
  
Quad Name Scanbem  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11N R 11W Sec 9  
1/4 Sec SE 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

## DESERT TORTOISE HANDBOOK 1992:

**FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS**

Project Site  Zone of Influence || | ft from Project Site  
Transect Length: 105.60 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
\* Slope: high    low 2% Aspect \_\_\_\_\_ Elevation 2530  
Soils Sandy to gravelly  
Vegetation: dominant perennials cactus, creosote bush, saltbrush, Mormon tea

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to S. aspect of project site  
Soils sandy to gravelly  
Vegetation creosote bush scrub and saltbrush scrub

		<u>TOTAL</u>	<u>NUMBER</u>	<u>OF</u>	
Corrected Sign	Live Tortoises	Shelter Sites	Pallet/Burrow/Den	Scats <sup>2</sup>	Shell Remains <sup>3</sup>
	Adult/Juv.		Active/Inactive <sup>1</sup>		

A = 1 J = 9 Burrows M = E = Unk =  
 8 inches wide 12 inches long 8 Inactive, 1 Active

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	<u>Neotoma</u>	Middens
					w/sign	:w/o sign

-----

## SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

Tire Human Dog Trash Dump Shotgun/ Blading Ravens Other  
 Tracks Footprints Sign Sites Rifle Shells

yes | Yes | no | yes | yes | yes | yes | yes | unexploded  
ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
113	5	35°03.736 N 118°02.481 W	9	undetermined	
115	4	35°03.808 N 118°02.835 W	7	8	
120	5	35°03.717 N 118°02.825 W	7	undetermined	
121	5	35°03.533 N 118°02.694 W	6	24	
124	5	35°03.602 N 118°02.795 W	8	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 113 - good condition, possibly tortoise, no definite sign of presence  
115 - deteriorated condition, possibly tortoise, no definite sign of presence  
120 - same as 113  
121 - same as above  
124 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordinance from each air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
125	5	35°03.848 N 118°02.951 W	12	24	
151	5	35°03.497 N 118°03.091 W	6	12	
230	1	35°03.757 N 118°02.912 W	10	undetermined	tortoise sitting in entrance of burrow
241		35°03.643 N 118°02.776 W	10	undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

125 - good condition, possible tortoise, no definite sign of presence  
151 - same as above  
230 - currently active, tortoise present (sitting in entrance of burrow)  
241 - same as 125

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Address \_\_\_\_\_  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanban  
Scale 1:24000  
Site Name \_\_\_\_\_  
T 11 N R 11 W Sec 9  
1/4 Sec SW 1/4 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence | | ft from Project Site  
Transact Length: 10200 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 65 °C Surface 65 °C Cloud cover 0%  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% Slope: high \_\_\_\_\_ low 2% Aspect \_\_\_\_\_ Elevation 2550 ft  
Soils Sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, manzanita  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, ATT Radio Tower adjacent to S. aspect of project site  
Soils Sandy to gravelly  
Vegetation creosote bush, scrub and saltbush scrub

Corrected Sign	Live Tortoises Adult/Juv.	TOTAL NUMBER OF		Scats <sup>2</sup> Remains <sup>3</sup>	Shell
		Shelter Sites Pallet/Burrow/Den Active/Inactive <sup>1</sup>	OF		
	A= J=	14 Burrows 14 Inactive		M= F= Unk=	Unk=

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Nectoma w/sign	Middens w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN							
Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Rifle Shells	Shotgun/ Blading Ravens	Other	
YES	YES	NO	YES	YES	YES	YES	Unexploded ordnance

January 1992

H/D/Y  
Date 4/25/02  
Transact No.  
State California  
County Kern  
City  
Recorder: Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Site No.	Type	Location	Width	Estimated Length	Other Sign
150	4	35°03.447 N 118°03.484 W	6	36	
153	4	35°03.739 N 118°03.464 W	7	14	
154	5	35°03.710 N 118°03.448 W	7	12	
155	4	35°03.672 N 118°03.423 W	6	40	
156	5	35°03.553 N 118°03.345 W	5	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 150 - deteriorated condition, possible tortoise, no definite sign of presence  
153 - same as above  
154 - good condition, possible tortoise, no definite sign of presence  
155 - same as 150  
156 - same as 154

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
177	5	35° 03.583 N 118° 03.367 W	8	24	
178	5	35° 03.498 N 118° 03.407 W	7	8	adjacent to 179
179	5	35° 03.498 N 118° 03.407 W	8	12	adjacent to 178
231(x2)	5	35° 03.735 N 118° 03.208 W	8	16	2 burrows next to each other
232(x2)	4	35° 03.800 N 118° 03.262 W	12	48, 11 x 16	2 burrows next to each other

Condition of Shelter Site<sup>1</sup>/Comments

- 177 - good condition, possibly tortoise, no definite sign of presence  
178 - same as above  
179 - same as above  
231 - both same as above  
232 - both good condition, possibly tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
233	5	35°03.822 N 118°03.250 W	9	24	
238	5	35°03.661 N 118°03.271 W	8	24	

Condition of Shelter Site<sup>1</sup>/Comments

233 - good condition, possible tortoise, no definite sign of presence  
238 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Address  
Project Name Auto Track  
Type of Project \_\_\_\_\_  
  
Quad Name Sanborn  
Scale 1:24000  
Site Name  
T 11N R 11W Sec 9  
4 Sec NE 44 Sec \_\_\_\_\_  
UTM Zone \_\_\_\_\_  
Northing \_\_\_\_\_  
Easting \_\_\_\_\_  
Parcel No. \_\_\_\_\_

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  zone of Influence | | ft from Project Site  
Transsect Length: 10560 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm    °C Surface    °C Cloud cover 0 %  
Rainfall 0 in Wind speed 5 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
% slope: high    low 2% Aspect \_\_\_\_\_ Elevation 2550 ft  
Soils Sandy to gravelly  
Vegetation: dominant perennials creosote bush, saltbush, mormon tea  
dominant annuals no annuals in bloom during survey

Adjacent Land Use: up to 1 mi open desert, AT + T Radio Tower adjacent to S. aspect of project site  
Soils Sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

Corrected Sign	Live Tortoises	Shelter Sites Pallet/Burrow/Den	Scats <sup>2</sup>	TOTAL NUMBER OF		
				Adult/Juv.	Active/Inactive <sup>1</sup>	Shell Remains <sup>3</sup>
	A= J=	<u>13 Burrows</u>		M=	A= J=	Unk=
		All Inactive		F=	Unk=	

Tracks	Eggshell Fragments	Drinking Sites	Courtship Rings	Other	Neotoma Middens w/sign	w/o sign
					:	

SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN							
Tire Tracks	Human Footprints	Dog Sign	Trash Sites	Dump Sites	Shotgun/ Rifle Shells	Blading	Ravens Other
Yes	Yes	No	Yes	Yes	Yes	Yes	Yes   Unexploded ordnance

January 1992

H/D/Y

Date \_\_\_\_\_  
Transect No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track

Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
75	4	35°04.126 N 118°02.656 W	8	8	
76	4	35°04.007 N 118°02.773 W	8	14	
78	3	35°03.979 N 118°02.690 W	8	6	
80	4	35°03.946 N 118°02.664 W	6	24	
102	5	35°03.654 N 118°02.579 W	12	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 75 - deteriorated condition, possible tortoise, no definite sign of presence  
76 - same as above  
78 - deteriorated condition, definitely tortoise  
80 - same as 75  
102 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City  
Recorder Brad Blood  
Project Name Anti Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
103	4	35°04'16" N 118°02.742	10	12	
104	4	35°03.898 N 118°02.659	10	12	
107	5	35°03.991 N 118°02.879	7	36	
114	5	35°03.992 N 118°02.847	8	undetermined	
129	4	35°04.057 N 118°02.726	5	24	

Condition of Shelter Site<sup>1</sup>/Comments

- 103 - deteriorated condition, possible tortoise, no definite sign of presence  
104 - same as above  
107 - good condition, possible tortoise, no definite sign of presence  
114 - same as above  
129 same as 103

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County ICEM  
City  
Recorder Brad Blood  
Project Name Antelope Track  
Parcel No.

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
234	4	35°03.980 N 118°03.095 W	3	10	
79	4	35°03.979 N 118°02.690 W	8	16	
81	4	35°03.946 N 118°02.664 W	8	12	

Condition of Shelter site<sup>1</sup>/Comments

- 234 - deteriorated condition, possible fracture, no definite signs of presence  
79 - same as above  
81 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

- Pre-existing dirt roads, trash, unexploded ordinance  
from early air flights

January 1992

(place a 4 X 6 photograph showing the area where the transect was conducted)

This form should be completed for those transects that contain one or more desert tortoise sign. After the project site and Zone of Influence have been surveyed for tortoise sign, the results from the transect forms should be compiled on a summary form.

If no tortoise sign occurs on the project site or Zone of Influence, the summary form should be completed. Please fill in all sections on the top 2/3 of the page of the summary form.

M/D/Y  
Date 4/25/02  
Transect No.  
State California  
County Kern  
City   
Recorder Brad Blood  
Address   
Project Name Auto Track  
Type of Project   
  
Quad Name Sanborn  
Scale 1:24000  
Site Name   
T 11N R 11W Sec 9  
1/4 Sec NW 1/4 Sec   
UTM Zone   
Northing   
Easting   
Parcel No.

DESERT TORTOISE HANDBOOK 1992:

FORM FOR PRESENCE-OR-ABSENCE AND CLEARANCE SURVEYS

Project Site  Zone of Influence || | ft from Project Site  
Transect Length: 1050 ft Width: 30 ft Other 100 ft Time \_\_\_\_\_  
Weather: Airtemp at: 5 cm 50 °C Surface 50 °C Cloud cover 0 %  
Rainfall 0 in Wind speed 2 Rainfall in last 30 days 0 in  
Land Form (e.g., mesa, bajada, wash) desert floor  
Slope: high 0 low 20% Aspect \_\_\_\_\_ Elevation 2550  
Soils Sandy to gravelly  
Vegetation: dominant perennials Cresote bush, saltbush, mormon tea  
dominant annuals DP annuals in bloom Litter scrubby

Adjacent Land Use: up to 1 mi open desert, AT&T Radio Tower adjacent to s. aspect of project site  
Soils Sandy to gravelly  
Vegetation creosote bush scrub and saltbush scrub

		TOTAL	NUMBER	OF	
Corrected Sign	Live Tortoises	SHELTER SITES	PALLET/BURROW/DEN	SCATS <sup>2</sup>	SHELL REMAINS <sup>3</sup>
	ADULT/JUV.	ACTIVE/INACTIVE <sup>1</sup>			

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A=	J=	7 Burrows		A=	J=	Unk=
All	Inactive			M=	F=	Unk=

Tracks      Eggshell      Drinking      Courtship      Other      Neotoma Middens  
                 Fragments      Sites      Rings      w/sign      :w/o sign

## SIGNS OF HUMAN DISTURBANCE - NUMBER AND TYPES SEEN

SIGNS OF HUMAN DISTURBANCE      NUMBER AND TYPES SEEN

Tire	Human	Dog	Trash	Dump	Shotgun/	Blading	Ravens	Other
Tracks	Footprints	Sign		Sites	Rifle Shells			

yes | yes | no | yes | yes | yes | yes | yes | unexploded  
ordinance

January 1992

H/D/Y  
Date 4/25/02  
Transact No. \_\_\_\_\_  
State California  
County Kern  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Auto Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
108	4	35°03.876 N 118°03.101 W	6	12	
126	4	35°03.889 N 118°03.133 W	10	12	
152(x2)	4	35°03.911 N 118°03.293 W	3 x 12	5 x 18	2 burrows
235	4	35°03.856 N 118°03.317 W	6	18	

Condition of Shelter Site<sup>1</sup>/Comments

108 - deteriorated condition, possible tortoise, no definite sign of presence  
126 - same as above  
152 - same as above  
235 - same as above

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordnance from early air flights over property

January 1992

H/D/Y  
Date 4/25/02  
Transect No. \_\_\_\_\_  
State California  
County Ram  
City \_\_\_\_\_  
Recorder Brad Blood  
Project Name Info Track  
Parcel No. \_\_\_\_\_

INFORMATION ON SHELTER SITES

(Please indicate why you believe a shelter site is active or inactive<sup>1</sup>)

Sign No.	Type	Location	Width	Estimated Length	Other Sign
236	4	35°03.888 N 118°03.291	8	8	
237	5	35°03.941 N 118°03.185		undetermined	

Condition of Shelter Site<sup>1</sup>/Comments

236 - deteriorated condition, possible tortoise, no definite sign of presence  
237 - good condition, possible tortoise, no definite sign of presence

CONDITION OF SCATS<sup>2</sup> - COMMENTS (See below)

none

CONDITION OF SHELL REMAINS<sup>3</sup> - COMMENTS (See below)

none

SIGNS OF HUMAN DISTURBANCE-COMMENTS

Pre-existing dirt roads, trash, unexploded ordinance from early air flights over property