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1461 East Cooley Drive, Suite 100
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This trapping effort entailed a focused trapping inventory for the Mohave ground squirrel at Edwards Air Force Base (AFB). Edwards AFB property includes suitable habitat for this special status species. Habitat Quality Analysis (HQA) study plots were randomly established on base, and the survey data gained by conducting baseline inventories within these HQA study plots can assist the Air Force in meeting the goals and objectives stated in the Integrated Natural Resources Management Plan for Edwards AFB. The trapping effort determined the location, number of MGS trapped, age status, weight, and reproductive condition of the MGS, and various environmental data for each HQA site where trapping occurred. Data results indicate that Joshua tree woodland may be the most optimal habitat type for the Mohave ground squirrel at Edwards AFB.

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FINAL

INVENTORY FOR PRESENCE OF MOHAVE GROUND SQUIRREL AT EDWARDS AIR FORCE BASE, CALIFORNIA

November 2004

Prepared by:

AIR FORCE FLIGHT TEST CENTER/EMXP
ENVIRONMENTAL MANAGEMENT OFFICE
EDWARDS AIR FORCE BASE, CALIFORNIA 93524

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ACRONYMS

AFB	Air Force Base
AGS	(White-tailed) antelope ground squirrel
C	Celsius
CDFG	California Department of Fish and Game
°	degree
DOD	Department of Defense
ESA	Endangered Species Act
F	Fahrenheit
GPS	Global Positioning System
HQA	Habitat Quality Analysis
INRMP	Integrated Natural Resource Management Plan
MGS	Mohave ground squirrel
NEPA	National Environmental Policy Act
UTM	Universal Transverse Mercator

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1.0 INTRODUCTION

For safety and security reasons, Department of Defense (DOD) installations often encompass large land areas far from concentrations of civilian populations. As a result, DOD installations often contain relatively undisturbed natural resources. Edwards Air Force Base (AFB) contains large areas of natural habitat, which provide habitat for one federally listed threatened species, the desert tortoise (*Gopherus agassizii*), and one California State threatened species, the Mohave ground squirrel (MGS) (*Spermophilus mohavensis)*. This report includes information on the Mohave ground squirrel.

The DOD is required to manage threatened and endangered species on military installations pursuant to the federal Endangered Species Act (ESA) and DOD Instruction 4715.3 (Environmental Conservation Program), which mandates that all DOD facilities and installations ensure that natural resources entrusted to DOD care are sustained in a healthy condition. The Air Force utilizes the Integrated Natural Resources Management Plan (INRMP), which is a product of cooperation between the Air Force and state and federal agencies to manage its natural resources program. The INRMP is implemented in compliance with the National Environmental Policy Act (NEPA), Air Force regulations, and Federal and State laws to provide Air Force staff with the information they need to make natural resources management decisions, and thereby meet their mandate of good stewardship, while ensuring that the AFB's defense mission requirements are met. This MGS inventory furthers this mandate in providing information regarding where the MGS occurs on base, and determines those habitats where the highest numbers of MGS were found, thereby allowing land use decisions regarding management of MGS and its habitat.

The survey data gained by conducting baseline inventories on randomly established Habitat Quality Analysis (HQA) study plots within Edwards AFB will assist the Air Force in meeting the goals and objectives stated in the INRMP for Edwards AFB. In addition, the information gained from this effort, such as the location and number of MGS trapped, will be used for future planning purposes.

1.1 LOCATION AND AREA

Edwards AFB is situated on approximately 301,000 acres in the Antelope Valley portion of the Mojave Desert, approximately 100 miles northeast of Los Angeles, California. The base is divided among three California counties, which include Kern, Los Angeles, and San Bernardino. Edwards AFB is approximately 35 miles long from east to west, and approximately 15 miles wide from north to south. Edwards AFB remains approximately 90 percent undeveloped in order to support aircraft test ranges. The primary habitat types found on base are creosote bush scrub, Joshua tree woodland, xerophytic saltbush scrub, halophytic saltbush scrub, dry lake beds, mesquite woodlands, and enhanced wetland habitat (Air Force Flight Test Center, 2001).

1.2 MOHAVE GROUND SQUIRREL

The wildlife on Edwards AFB includes a number of sensitive species, including the MGS, state-listed as threatened due to degradation and loss of habitat as a result of agriculture and urban, suburban, and rural development within its limited geographic range. The MGS is endemic to 2 million hectares in the western Mojave Desert in San Bernardino, Los Angeles, Kern, and Inyo Counties in California. The MGS is rare throughout its range. Studies have indicated that optimal habitat types for the MGS include creosote scrub, xerophytic saltbush, and Joshua tree woodland (Brooks & Matchett, 2002).

General natural history and habitat requirements of the MGS are relatively well known. The diurnal MGS is active above ground in spring and early summer (March through June) when they emerge from aestivation ; the emergence period is dependant upon elevation. The MGS becomes dormant when food is scarce. The MGS has adapted to desert conditions by physiological and behavioral adaptations, which allow it to aestivate and avoid competition during the months when there is little food. MGS begin aestivation, or enter dormancy, in July or August. In the Mojave Desert, the expected winter rains often fail to appear. When the total winter rainfall falls below 3 inches, the MGS fail to reproduce. All available forage is converted to body fat, and they can enter aestivation as early as April. In years of adequate rainfall, the MGS will produce 6-9 young (average

litter size is 6) as early as the end of March up to May, with a peak in April (Desert Tortoise Preserve Committee, 1999).

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2.0 SAMPLING METHODOLOGY

All MGS trapping conducted at Edwards AFB followed the California Department of Fish and Game (CDFG) Mohave Ground Squirrel Survey Guidelines (2003) for collecting MGS data; however, the survey did not utilize the visual portion of the CDFG survey protocol.

Based on the optimum time requirements and guidelines provided by the CDFG Mohave Ground Squirrel Survey Guidelines, the biologists began conducting live-trapping inventories between March 16, 2004, and April 25, 2004, pursuant to CDFG Mohave Ground Squirrel Survey Guidelines, which allow trapping to take place between March 15 and May 15. The trapping effort was scheduled to coincide with emergence of the MGS from aestivation, which occurs from March through June, depending upon elevation. Each biologist trapped for 5 consecutive days at each HQA site survey location. The trapping inventories were divided into nine sampling efforts as shown in Table 2-1.

Table 2-1. Mohave Ground Squirrel Trapping Inventory Schedule (2004)

Dates of Survey	HQA Sites
March 16-20	5, 6
March 22-26	18, 30
March 21-25	26
March 27 - April 31	31
March 28 - April 1	44
April 5-9	47
April 6-10	46
April 20-24	38
April 21-25	37

HQA = Habitat Quality Analysis

All sampling grids consisted of 100 Sherman live traps or equivalent (the minimum length of any trap is 12 inches) arranged in a rectangular pattern, 4 traps wide by 25 traps long, with traps spaced 35 meters apart along each of

the 4 trap lines. One sampling grid of this type was established at each HQA site.

The MGS live-trapping inventory locations were confined to 11 of the existing HQA plots (i.e., 5, 6, 18, 26, 30, 31, 37, 38, 44, 46, and 47) in the eastern half of Edwards AFB. At each HQA site, the surveyors permanently marked the beginning and end of each sampling grid with a sunken 3-foot length of rebar and a metal ID tag, as well as recorded the Global Positioning System (GPS) coordinates of each marker (Appendix A).

Each trap was covered with a cardboard A-frame or equivalent non-metal shelter to provide shade. Trap and shelter orientation was placed on a north-south axis. All traps were opened within 1 hour of sunrise and closed 1 hour before sunset. Traps were checked once every 4 hours to minimize heat-related stress to captured animals. When traps were open, temperatures were measured hourly at 1 foot (approximately 0.3 meters) above ground level in a shady location within the sampling grid. Traps were closed when the ambient air temperature at 1 foot above ground level exceeded 90 degrees (°) Fahrenheit (F) (32° Celsius [C]). Trapping resumed on the same day after the ambient temperature 1 foot (approximately 0.3 meters) above the ground in the shade fell to 90°F (32°C) and continued until 1 hour before sunset. Baits used during the survey consisted of mixed grain, rolled oats, or birdseed, with a small amount of peanut butter, per the CDFG Mohave Ground Squirrel Survey Guidelines (2003).

Examples of baseline data recorded on a Survey and Trapping Form provided by the Air Force (Appendix A) include: (1) who conducted the trapping; (2) dates of sampling; (3) general habitat description with dominant perennials, dominant annuals, and other annuals; (4) elevation; (5) slope; and (6) weather information for each day of sampling for each HQA site. With each MGS sampling occurrence, the following MGS data were recorded in the field on a proprietary subcontractor Mohave Ground Squirrel Trapping form (Appendix B): (1) HQA site number where capture of MGS occurred; (2) GPS coordinates of capture location; and (3) sex, age, reproductive condition, and weight of the MGS sampled. Additional information recorded on the propriety field form included: (1) who conducted the trapping, (2) dates of sampling, (3) weather information for each day of sampling for each HQA site, and (4) species other than MGS that

were trapped and released, such as white-tailed antelope ground squirrel (AGS) (*Ammospermophilus leucurus)* and desert woodrat (*Neotoma lepida*). The inclusion of number, age, and reproductive condition of the AGS and desert woodrat that were trapped during the MGS survey effort allows better comparison of this survey to similar population studies of the state-listed MGS and associated mammal species. During the MGS trapping inventory, the site of each HQA plot was recorded using a digital camera (Appendix C).

In addition to the aforementioned information collected at each HQA site, the biologists took note of any invasive/exotic plant species occurring in the survey area. Biologists recorded the GPS coordinates of incidental observations of desert tortoise and desert tortoise active burrows, and any sensitive plant species observed within the survey locations.

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3.0 DISCUSSION OF RESULTS

The trapping results for the 2004 MGS survey of Edwards Air Force Base were recorded in the field and are provided in Appendix B. Additional information on each HQA site is provided in Appendix A, including Universal Transverse Mercator (UTM) coordinates of the grid end points, general habitat description of each HQA site, and weather conditions on the 5 days of sampling for that HQA location.

Several common invasive/exotic plant species were noted as occurring in the survey area, including red brome (*Bromus madritensis ssp. rubens*), old han schismus (*Schismus barbatus*), and redstem filaree (*Erodium cicutarium*). No sensitive plant species were observed on the HQA sites. No observations of desert tortoise or desert tortoise active burrows were noted within the actual HQA site grids surveyed, although four desert tortoises were observed near HQA site 47 during survey activities.

MGS Survey Protocol required the recording of additional species trapped during the survey. Besides MGS, two additional mammalian species were recorded; AGS and desert woodrat. The resulting MGS, AGS, and desert woodrat trapping data were compiled into a table depicting the number individuals trapped by sex and age status for each of the 11 HQA sites sampled (Table 3-1). Figure 3-1 depicts the location of Edwards AFB. Figure 3-2 depicts transects, infrastructure, base areas, habitat types, and designated boundary of critical habitat. The habitat types shown in Figure 3-2 are generalized vegetation types from the 2001 INRMP. The vegetation descriptions in Appendix A are based on the dominant plant species for each HQA site sampled. The UTM coordinates of MGS captures are depicted in Figures 3-3 through 3-7. Each MGS trapped is given a MGS Site ID 1-29 in Figures 3-3 through 3-7, which correlates to Table 3-2. Table 3-2 identifies the sex, age status, reproductive condition, weight, date of capture, and HQA site number for each MGS trapped.

Table 3-1
Mohave Ground Squirrel Trapping Data
Edwards Air Force Base

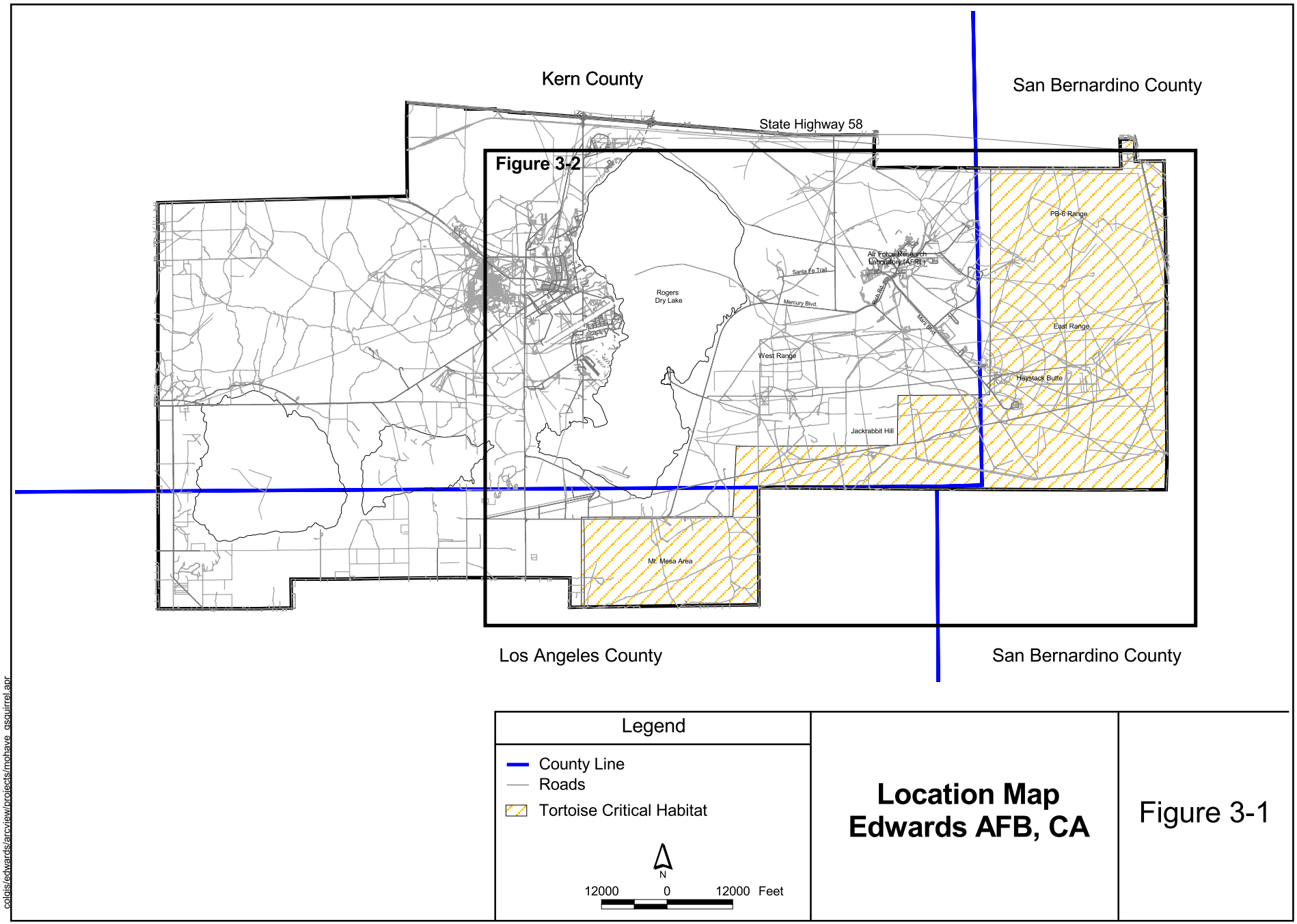
		Mohave ground squirrel (Spermophilus mohavensis)						Antelope ground squirrel (Ammosperophilus leucurus)						Desert wood rat (Neotoma lepida)					
HQA#	Trap Dates	M	Recapture?	F	Recapture?	J	Recapture?	M	Number of Recaptures	F	Number of Recaptures	J	Number of Recaptures	M	Number of Recaptures	F	Number of Recaptures	J	Number of Recaptures
5	3/16/04-3/20/04							12	2	11	2	2F	0						
6	3/16/04-3/20/04							20	12	19	12	2F	0						
18	3/22/04-3/26/04							17	3	2	0								
26	3/21/04-3/25/04							4	0	4	0								
30	3/22/0-3/26/04					1F	0	2	0	2	0	1F	0						
31	3/27/04-3/31/04	3	0	7	4			7	0	5	1								
37	4/21/04-4/25/04	1	0					13	0	14	2	14M 11F	0 0						
38	4/20/04-4/24/04	1	0	3	1			8	0	15	2	13M 5F	0 0						
44	3/28/04-4/1/04							5	0	2	0								
46	4/6/04-4/10/04	4	2	9	4			9	2	6	0	1M 3F	0 0	1	0	2	0	1M 2F	0 1
47	4/5/04-4/9/04							3	0	1	0	1M	0						
TOTALS		9	2	19	9	1F	0	100	25	81	19	29M 24F	0 0	1	0	2	0	1M 1F	0 1

M = Male

F = Female

J = Juvenile

HQA = Habitat Quality Area


Kern County
San Bernardino County
State Highway 58
Figure 3-2
Rogers
Dry Lake
Santa Fe Trail
Mercury Blvd
Air Force Research
Laboratory (AFRL)
Rosamond Blvd
Mars Blvd
West Range
PB-6 Range
East Range
Haystack Butte
Jackrabbit Hill
Mt. Mesa Area
Los Angeles County
San Bernardino County
Legend
County Line
Roads
Tortoise Critical Habitat
N
12000
0
12000
Feet
Location Map
Edwards AFB, CA
Figure 3-1
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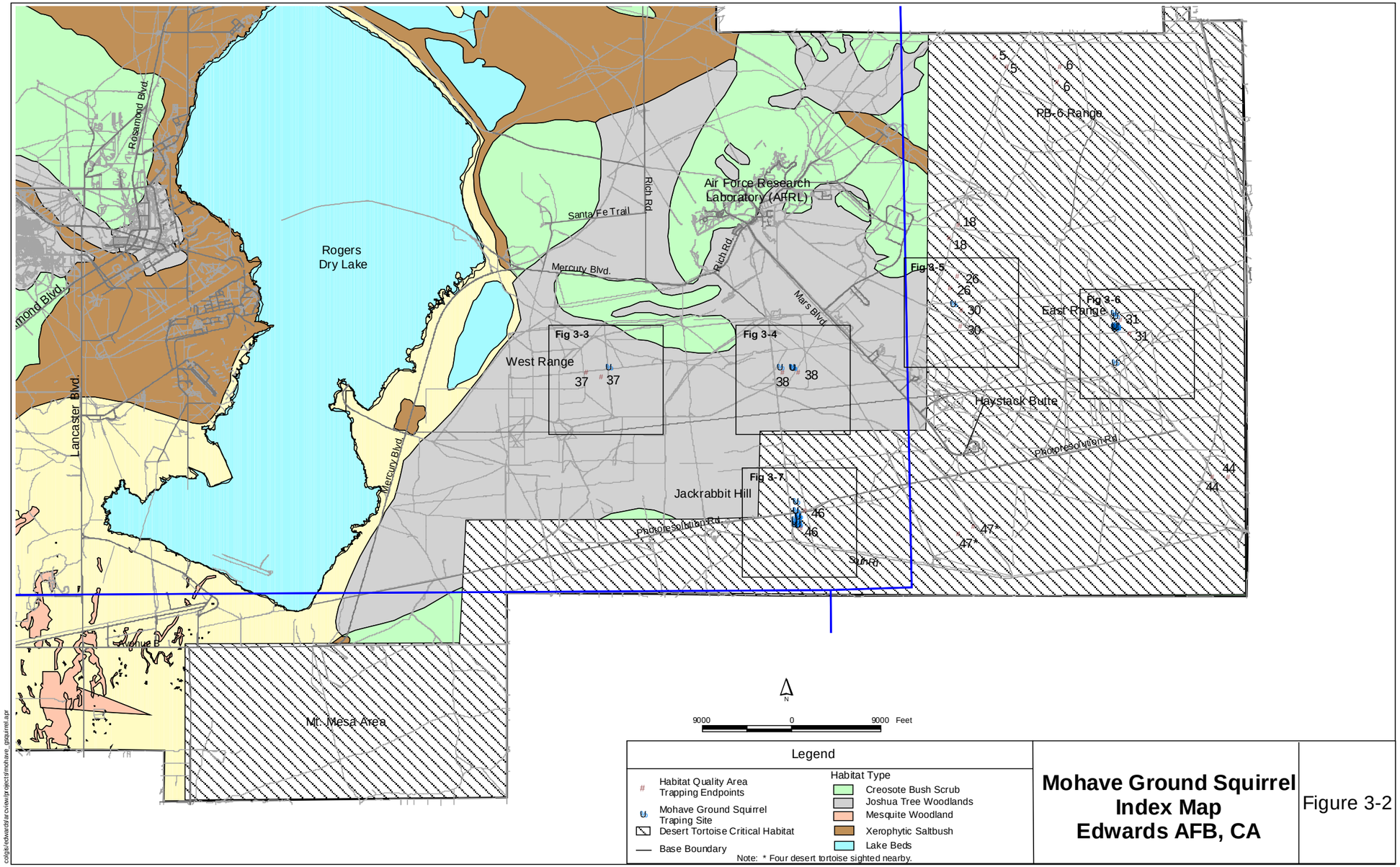
Rogers
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Rosamond Blvd.
Lancaster Blvd.
Avenue E
Mercury Blvd.
Santa Fe Trail
Rich Rd.
Air Force Research
Laboratory (AFRL)
Mars Blvd.
West Range
Jackrabbit Hill
Haystack Butte
East Range
PB-6 Range
Photovoltaic Rd.
Sun Rd.
Mt. Mesa Area
Fig 3-3
Fig 3-4
Fig 3-5
Fig 3-6
Fig 3-7
5
6
18
26
30
31
37
38
44
46
47
N
9000
0
9000 Feet
Legend
Habitat Quality Area
Trapping Endpoints
Mohave Ground Squirrel
Traping Site
Desert Tortoise Critical Habitat
Base Boundary
Habitat Type
Creosote Bush Scrub
Joshua Tree Woodlands
Mesquite Woodland
Xerophytic Saltbush
Lake Beds
Note: * Four desert tortoise sighted nearby.
Mohave Ground Squirrel
Index Map
Edwards AFB, CA
Figure 3-2

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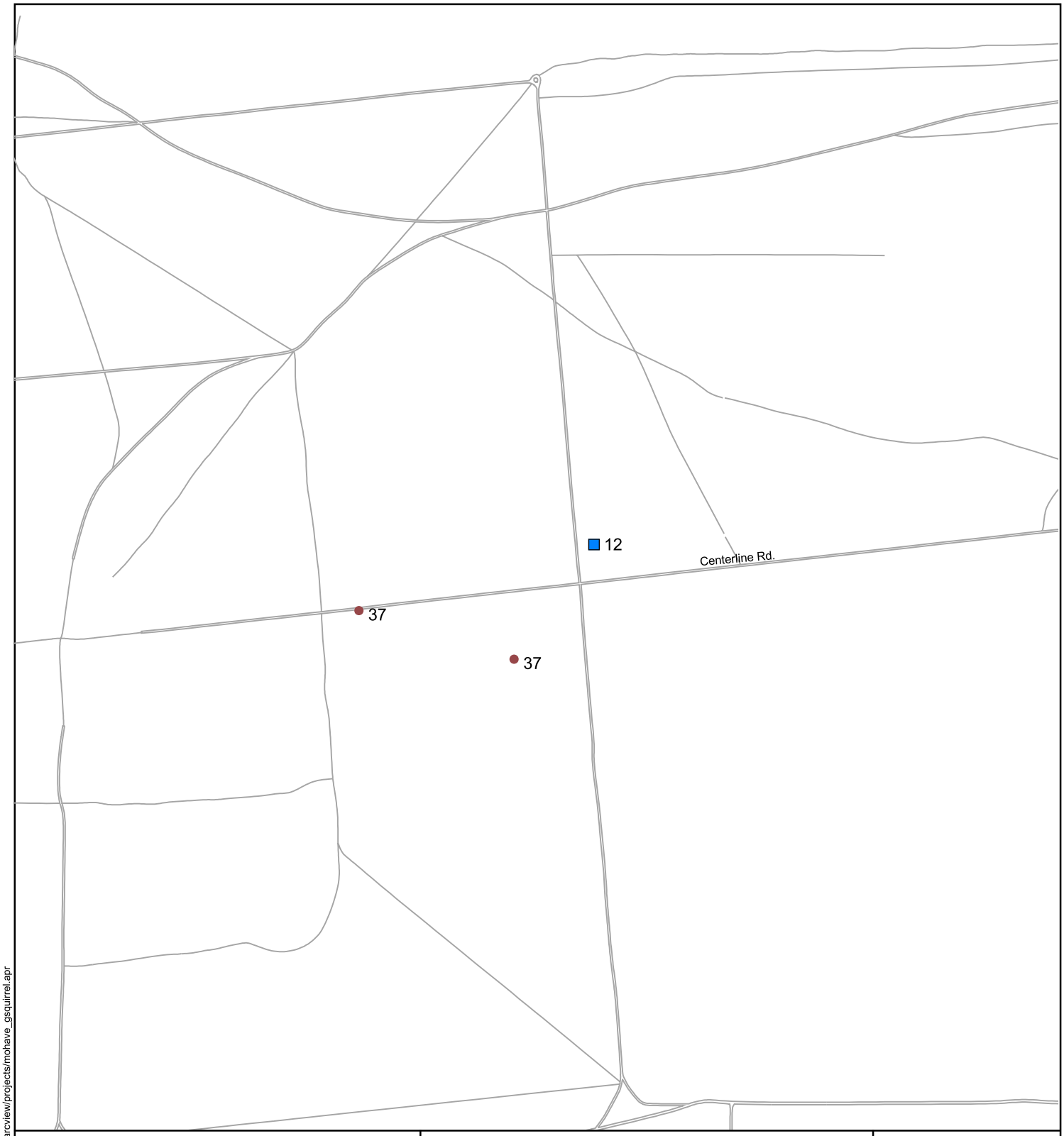


colgis/edwards/arcview/projects/mohave_gsquirrel.apr

Legend

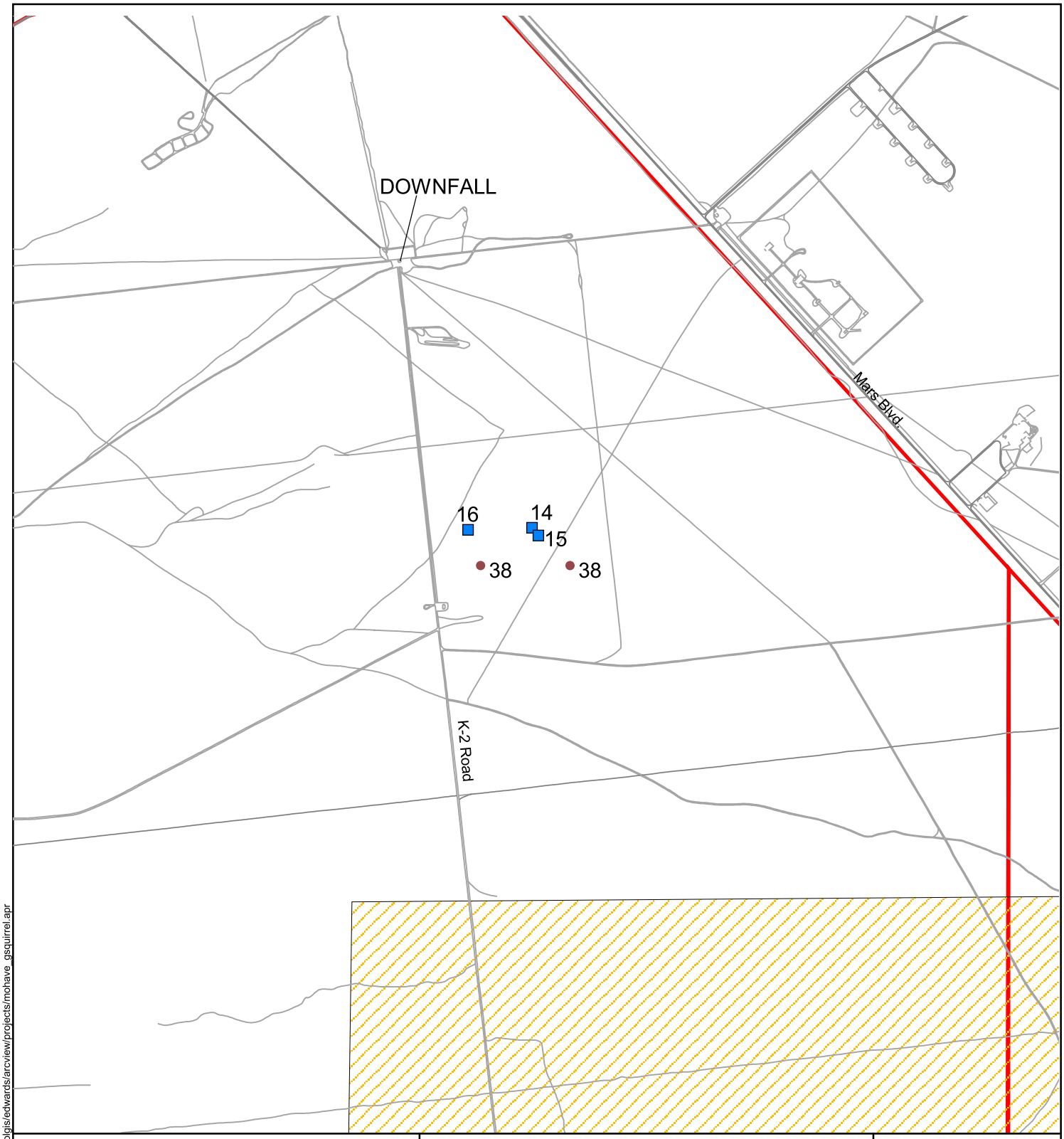
- Mohave Ground Squirrel Site ID
- Habitat Quality Area Trapping Endpoints

N

400 0 400 800 Feet

Location of Mohave Ground Squirrel West Range Area Edwards AFB, CA

Figure 3-3



Legend

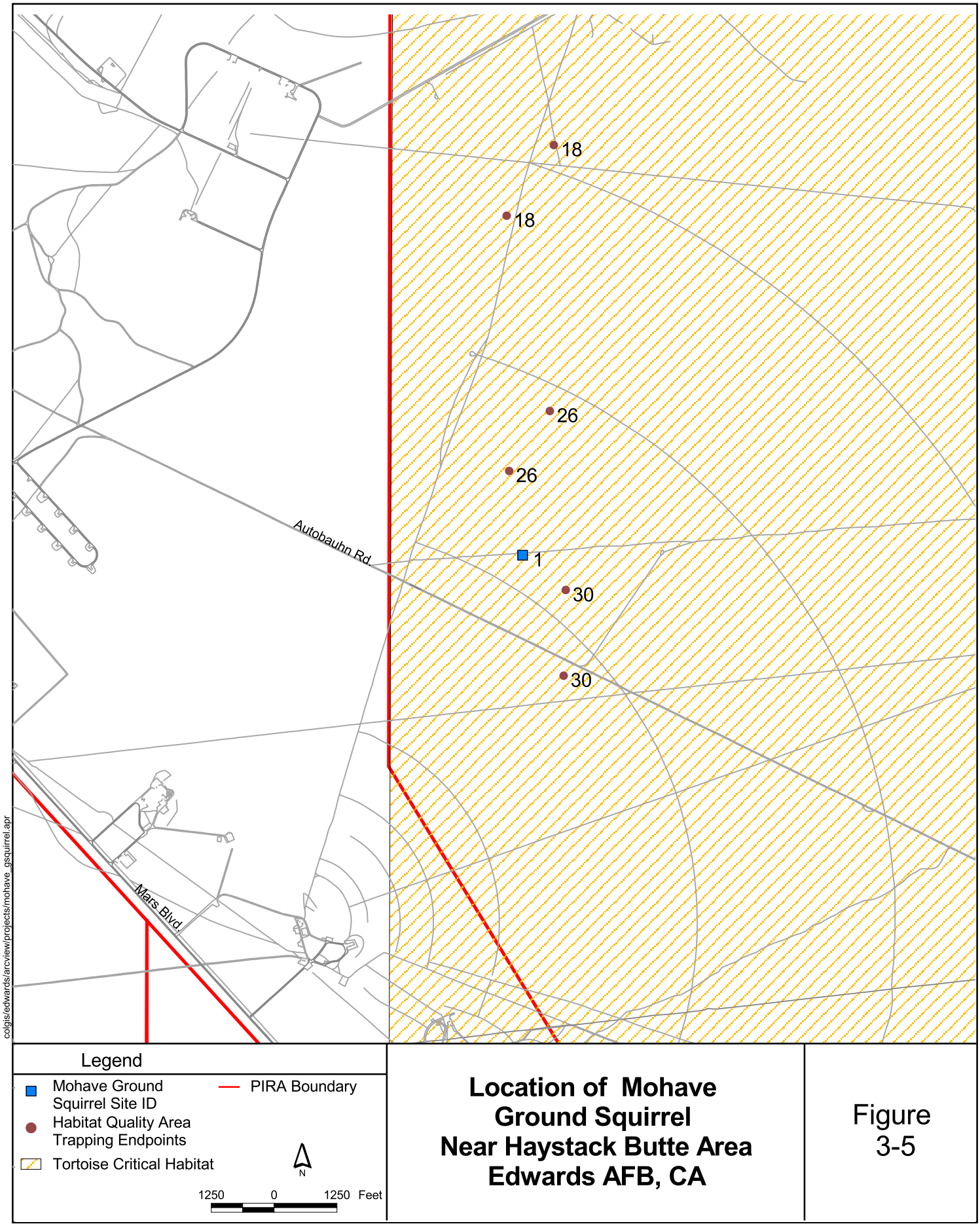
- Mohave Ground Squirrel Site ID
- Habitat Quality Area Trapping Endpoints
- Tortoise Critical Habitat
- PIRA Boundary

N

1250 0 1250 Feet

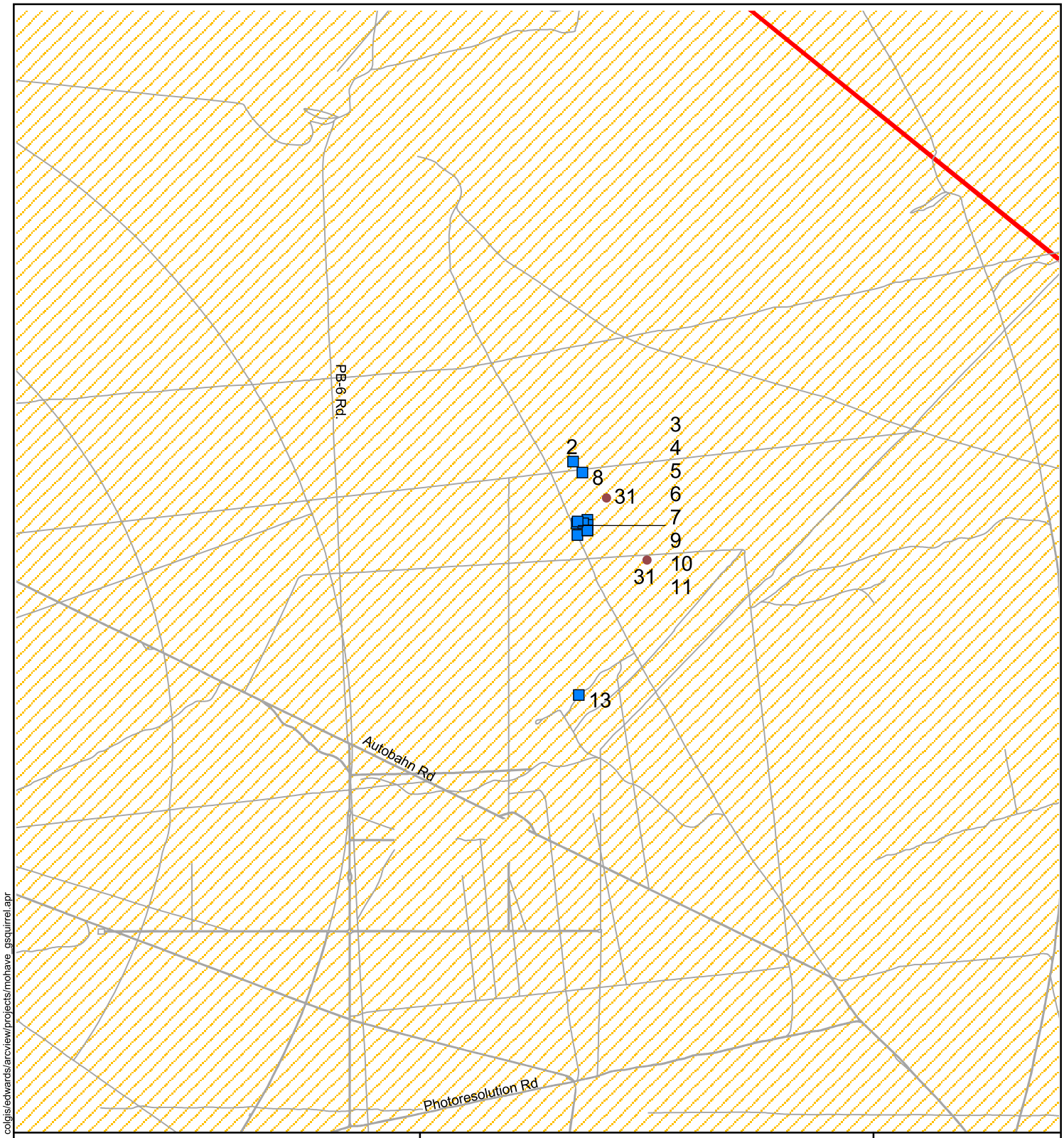
Location of Mohave Ground Squirrel Near Air Force Research Laboratory Edwards AFB, CA

Figure 3-4



Location of Mohave Ground Squirrel Near Haystack Butte Area Edwards AFB, CA

Figure 3-5



Legend

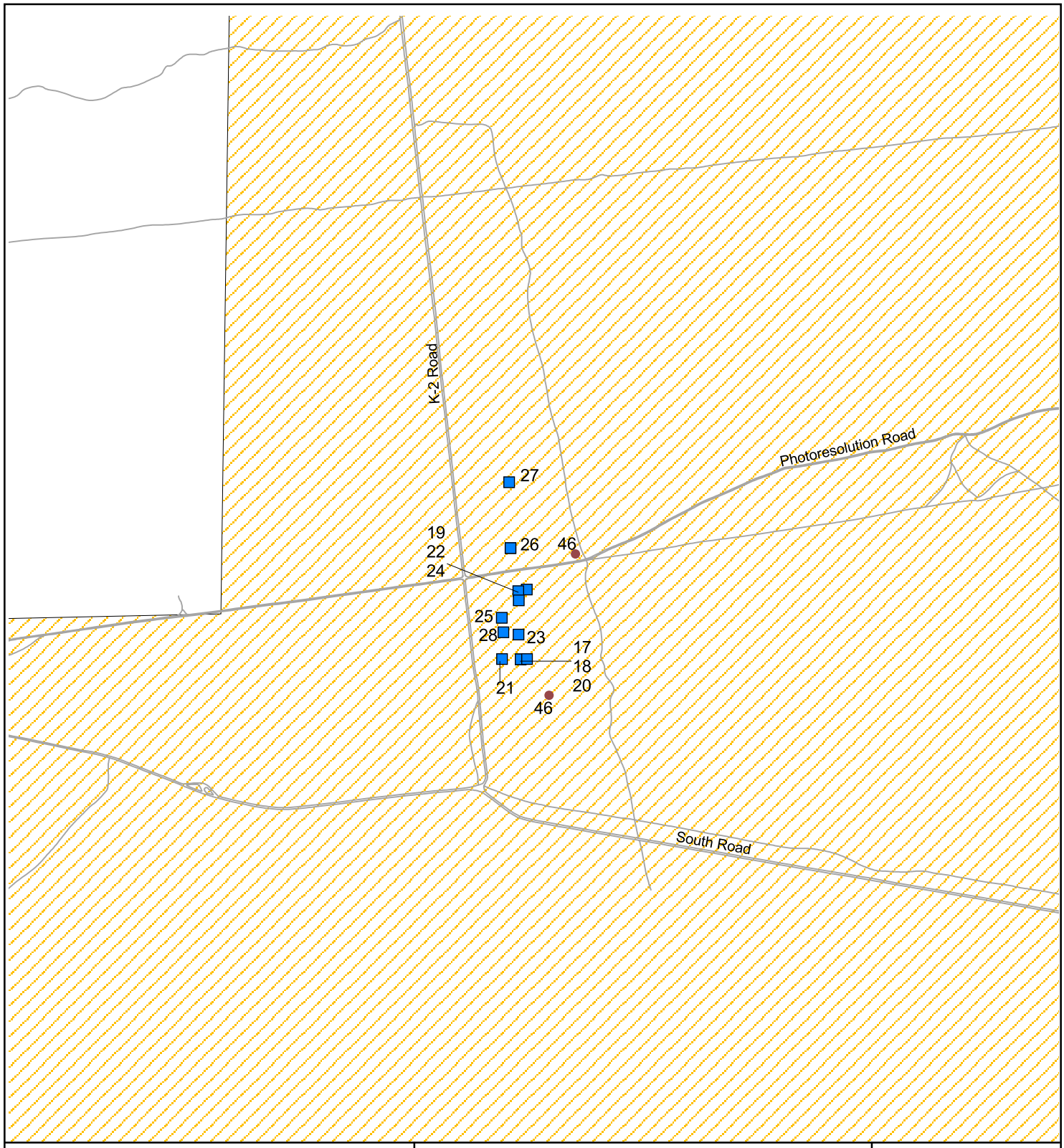
- Mohave Ground Squirrel Site ID
- Habitat Quality Area Trapping Endpoints
- Tortoise Critical Habitat
- PIRA Boundary

N

1500 0 1500 Feet

Location of Mohave Ground Squirrel East Range Area Edwards AFB, CA

Figure 3-6



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Legend

- Mohave Ground Squirrel Site ID
- Habitat Quality Area Trapping Endpoints
- Tortoise Critical Habitat
- PIRA Boundary

N

1000 0 1000 Feet

Location of Mohave Ground Squirrel Near Jack Rabbit Hill Area Edwards AFB, CA

Figure 3-7

Table 3-2
Summary Data for Captures of Mohave Ground Squirrels at Edwards Air Force Base, Spring, 2004

MGS ID	HQA Number	Date	Sex	Age	Reproductive Condition	Weight	New or Recapture
1	30	3/22/2004	F	Yearling	Non-Reproductive	90 grams	New
2	31	3/27/2004	F	AD	Non-Reproductive	148 grams	New
3	31	3/27/2004	M	AD	Non-Scrotal	157 grams	New
4	31	3/29/2004	M	AD	Non-Scrotal	178 grams	New
5	31	3/29/2004	F	AD	Non-Reproductive	212 grams	New
6	31	3/29/2004	F	AD	Non-Reproductive	144 grams	New
7	31	3/30/2004	F	AD	Non-Reproductive	Not Weighed	Recapture
8	31	3/31/2004	M	AD	Scrotal	119 grams	New
9	31	3/31/2004	F	AD	Non-Reproductive	164 grams	Recapture
10	31	3/31/2004	F	AD	Non-Reproductive	192 grams	Recapture
11	31	3/31/2004	F	AD	Non-Reproductive	146 grams	Recapture
12	37	4/25/2004	M	AD	Non-Scrotal	224 grams	New
13	38	4/20/2004	F	AD	Mammae Prominent, Possibly Pregnant	212 grams	New
14	38	4/22/2004	F	AD	Mammae Prominent	182 grams	New
15	38	4/24/2004	F	AD	Mammae Prominent	182 grams	Recapture
16	38	4/24/2004	M	AD	Non-Scrotal	214 grams	New
17	46	4/6/2004	M	AD	Non-Scrotal	224 grams	New
18	46	4/7/2004	M	AD	Non-Scrotal	Not Weighed	Recapture
19	46	4/7/2004	F	AD	Non-Reproductive	159 grams	New
20	46	4/8/2004	M	AD	Non-Scrotal	220 grams	Recapture
21	46	4/8/2004	F	AD	Mammae Prominent	174 grams	New
22	46	4/8/2004	F	AD	Non-Reproductive	Not Weighed	Recapture
23	46	4/9/2004	F	AD	Non-Reproductive	177 grams	New
24	46	4/9/2004	F	AD	Non-Reproductive	Not Weighed	Recapture
25	46	4/9/2004	F	AD	Non-Reproductive	214 grams	New
26	46	4/10/2004	F	AD	Mammae Prominent	176 grams	Recapture
27	46	4/10/2004	M	AD	Non-Scrotal	226 grams	New
28	46	4/10/2004	F	AD	Non-Reproductive	166 grams	New
29	46	4/10/2004	F	AD	Mammae Prominent, Possibly Pregnant	Not Weighed	Recapture

MGS = Mohave Ground Squirrel
F = Female
M = Male
AD = Adult
HQA = Habitat Quality Analysis

The MGS survey resulted in the trapping of one juvenile (a female). Additionally, only one scrotal male and three reproductive females (one possibly pregnant) were trapped. The total number of adult, non-recaptured males was seven and the number of adult, non-recaptured females was ten. The low number of juveniles and reproductive male and female adults trapped may be the result of low rainfall and concomitant decrease in reproductive rate of the MGS, as well as the possibility that the litters born during the sampling period may not have been weaned, which typically occurs in early May. However, little generalized demographic information is available regarding typical ratio of males to females, ratio of reproductive to non-reproductive individuals, and ratio of juveniles to adults (Brooks and Matchett, 2003).

MGS presence was confirmed at five of the 11 HQA sites during the trapping effort. Of these 5 HQA sites, the 2 HQA sites with the highest MGS trapping success (i.e., 13 MGS trapped in HQA site 46 and 10 MGS trapped in HQA site 31) were HQA sites located in the Joshua tree woodland habitat type. The other HQA sites that had MGS trapping success were HQA site 30, the third Joshua tree woodland habitat sampled; HQA site 37, creosote bush scrub habitat; and HQA site 38, xerophytic salt bush scrub habitat. The remaining six HQA sites exhibited no MGS trapping success. In addition, AGS were trapped in all the HQA sites sampled.

As mentioned above, all three of the Joshua tree woodland habitat HQA sites sampled exhibited MGS trapping success, and two of the Joshua tree woodland habitat HQA sites had the highest number of MGS trapped during this survey effort. The results of the 2004 MGS trapping effort indicate that Joshua tree woodland habitat may be a preferred habitat type for the MGS on Edwards AFB. However, other variables may be of greater importance to the presence of MGS than habitat type. It is possible that several variables acting in concert might be indicative of optimal MGS habitat, such as elevation, precipitation, microclimate, habitat type, access to food sources, percent vegetative cover, etc.

In addition to habitat type, two other available variables that may have an effect on the number of MGS trapped, elevation and mean noon temperature for each HQA site, were utilized in a multiple regression analysis in order to determine the importance of the independent variables, habitat type, elevation, and mean noon

temperature, upon the dependent variable, number of MGS trapped. As expected, habitat type exhibited the greatest relative predictive importance of the dependent variable, number of captured MGS, with a beta weight of -1.0. The predictive value of mean noon temperature and elevation were limited, with beta weights of 0.018 and -0.40, respectively. Beta weights are useful for comparing the relative importance of each independent variable. The larger the absolute value of the beta weight of the independent variable is, the more powerful is the explanatory variable in the model. Beta weights help assess the relative importance of all the independent variables in relation to the given model embodied in the regression analysis, so it is important to note the correlation of each of the dependent and independent variables.

The Spearman's Rank correlation is utilized to measure the strength and slope of the relationship between two variables. A simple correlation of habitat type with number of captured MGS resulted in a Spearman's Rank correlation coefficient of -0.696966. Spearman's Rank correlation coefficients of -1.0 to -0.7 indicate a strong negative correlation; coefficients with values of -0.7 to 0 indicate a weak negative correlation. The resulting value of -0.696966 for the correlation coefficient indicates that a fairly strong negative correlation exists between number of MGS captured and habitat type. The Spearman's Rank correlation coefficients for elevation, 0.200807, and mean noon temperature, -0.218692, both indicate weak correlations. The results of the data analysis seem to indicate that habitat type is a fairly good predictor of MGS trapping success at Edwards AFB. However, as mentioned previously, it is possible that several variables acting in concert might be indicative of optimal MGS habitat.

4.0 CONCLUSION AND RECOMMENDATIONS

The primary focus of this study was to conduct an MGS trapping inventory on Edwards AFB in the selected 11 HQA sites. Additional information gathered identified the number, sex, age status, reproductive condition, and weight of the captured MGS. Other mammals captured during this trapping effort, AGS and the desert woodrat, were inventoried, and number, reproductive condition, and age status noted. Habitat type and various environmental parameters were noted for each HQA site sampled.

The results of the data analysis indicated that, of the habitat types surveyed, Joshua tree woodland was a fairly good predictor of MGS trapping success at Edwards AFB. Future MGS trapping efforts could involve sampling methodologies that gather relevant demographic data, as well as environmental parameters, such as precipitation, microclimate, access to food sources, percent vegetative cover, etc., that could then be analyzed for their predictive value for MGS quality habitat. Additionally, more HQA sites could be sampled to provide predictive value for the selected environmental parameters.

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Air Force Flight Test Center, 2001. *Integrated Natural Resources Management Plan for Edwards AFB.*

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APPENDIX A

MOHAVE GROUND SQUIRREL (MGS) SURVEY AND TRAPPING FORMS

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #5

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 444374 E 3870646 N/444774 E, 3870329 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/16/04-3/20/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: 3/16/04 - Steve Boland and Bill Vanherweg; 3/17/04 – 3/30/04 - Steve Tabor, Steve Boland, and Bill Vanherweg.

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/16/04 SECOND 3/17/04 if required THIRD 3/18/04 if required

FOURTH: 3/19/04 FIFTH: 3/20/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), *Acamptopappus sphaerocephalus* (goldenhead), *Hymenoclea salsola* (cheesebush).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Tetradymia* sp. (cotton thorn), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Calyptridium monadrum* (pussypaws), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2625 ft. Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #5

DATE: 3/16/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)			12				29							
TEMP°C (1 foot)			13.5				30.5							
CLOUD (%)														
WIND (mph)														

WEATHER – HQA SITE #5

DATE: 3/17/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1730	1800	1900
TEMP (soil)			17°C	24.5°C			92°F	94°F	96°F	90°F	84°F	75°F		
TEMP (1 foot)	38°F		16°C	23°C			84°F	86°F	85°F	82°F	83°F	76°F		
CLOUD (%)														
WIND (mph)														

Weather: Sunny and clear.

WEATHER – HQA SITE #5

DATE: 3/18/04

TIME	630	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)	50		70		80	88	94			96				
TEMP°F (1 foot)	54		72		72	82	88			90				
CLOUD (%)														
WIND (mph)														

Weather: Sunny and clear

WEATHER – HQA SITE #5

DATE: 3/19/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		62					90					82		
TEMP°F (1 foot)		66					88					84		
CLOUD (%)							50				35			
WIND (mph)							0-3 SW				0-3 SW			

Weather: 65% cirrus clouds in morning; no wind.

WEATHER – HQA SITE #5
DATE: 3/20/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		56					96				94			
TEMP°F (1 foot)		58					85				89			
CLOUD (%)														
WIND (mph)														

Weather: Clear and sunny.

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #6

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 446295 E, 3869815 N/446386 E, 3870306 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/16/04 – 3/20/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: 3/16/04 – Steve Boland and Bill Vanherweg; 3/17/04 – 3/20/04 - Steve Tabor, Steve Boland, and Bill Vanherweg.

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/16/04 SECOND 3/17/04 if required THIRD 3/18/04 if required

FOURTH: 3/19/04 FIFTH: 3/20/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), (*Acamptopappus sphaerocephalus* (goldenhead), *Hymenoclea salsola* (cheesebush).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Tetradymia* sp. (cotton thorn).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Calyptridium monadrum* (pussypaws), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2625 ft. Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #6

DATE: 3/16/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)			14				29							
TEMP°C (1 foot)			13				30.5							
CLOUD (%)														
WIND (mph)														

WEATHER – HQA SITE #6

DATE: 3/17/04

TIME	600	700	800	900	1030	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)					86									
TEMP°F (1 foot)					80									
CLOUD (%)														
WIND (mph)														

WEATHER – HQA SITE #6

DATE: 3/18/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)								98	101					
TEMP°F (1 foot)								88	86					
CLOUD (%)									0					
WIND (mph)									5					

WEATHER – HQA SITE #6

DATE: 3/19/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			68		88	86		99	94	90				
TEMP°F (1 foot)			62		81	85		88	88	88				
CLOUD (%)			50											
WIND (mph)			0											

WEATHER – HQA SITE #6
DATE: 3/20/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			60	82	90	92	96				101			
TEMP°F (1 foot)			65	79	82	83	85				88			
CLOUD (%)			0											
WIND (mph)			0											

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #18

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 442926 E, 3864867 N/443216 E, 3865292 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/22/04 – 3/26/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Tabor and Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/22/04 SECOND 3/23/04 if required THIRD 3/24/04 if required

FOURTH: 3/25/04 FIFTH: 3/26/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), (*Acamptopappus sphaerocephalus* (goldenhead), *Hymenoclea salsola* (cheesebush).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Tetradymia* sp. (cotton thorn).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Calyptridium monadrum* (pussypaws), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2789 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #18
DATE: 3/22/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			72	76		94	92	97	98	98				
TEMP°F (1 foot)			70	74		86	88	88	92	92				
CLOUD (%)			5				10							
WIND (mph)			0				0-5							

WEATHER – HQA SITE #18
DATE: 3/23/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			60			84	86			84	79			
TEMP°F (1 foot)		58	62			77	79			80	76			
CLOUD (%)			100				40				5			
WIND (mph)			15				15				25			

Weather: Winds in PM – gusty- up to approximately 25 mph.

WEATHER – HQA SITE #18

DATE: 3/24/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			70		78		84	84			76			
TEMP°F (1 foot)			66		70		78	78			78			
CLOUD (%)			0				40				20			
WIND (mph)			10-15				15-25				15-30			

Weather: Winds in PM – gusty – up to 25 mph.

WEATHER – HQA SITE #18

DATE: 3/25/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			64	70	75	78	78	78	78	74	81			
TEMP°F (1 foot)			65	68	70	72	74	76	92	92	76			
CLOUD (%)			0				0				0			
WIND (mph)			15-20				10-15				10-15			

Weather: Wind gusts in PM – 15-20 mph.

WEATHER – HQA SITE #18
DATE: 3/26/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)				61			60	63	61					
TEMP°F (1 foot)			58	58			56	56	56					
CLOUD (%)			60				45							
WIND (mph)			15-25				15-25							

Weather: Gusty winds all day – approximately 25 mph in PM.

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #26

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory

Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W;

Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction

UTM coordinates: NAD 83, Zone 11 N, 442825 E, 3863320 N/443176 E, 3863681 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A

Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha

Date(s): 3/21/04 – 3/25/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha

Number of sampling grids: _____

Trapping conducted by: Steve Boland and Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/21/04 SECOND 3/22/04 if required THIRD 3/23/04 if required

FOURTH: 3/24/04 FIFTH: 3/25/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Larrea tridentata* (creosote bush).

other perennials: *Ambrosia dumosa* (burrobush), *Artemisia tridentata* (common sagebrush), *Ephedra nevadensis* (Nevada tea), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2953 feet

Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #26

DATE: 3/21/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)							90	113						
TEMP°F (1 foot)							90	90						
CLOUD (%)														
WIND (mph)														

WEATHER – HQA SITE #26

DATE: 3/22/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP (soil)	12°C		21°C		33°C	35°C					95°F			
TEMP (1 foot)	12°C		22°C		28.5°C	30°C				91°F	88°F			
CLOUD (%)			<5								40			
WIND (mph)			0								3-7			

Weather: Sunny and clear.

WEATHER – HQA SITE #26
DATE: 4/23/04

No captures, no weather data

WEATHER – HQA SITE #26

DATE: 3/24/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		15	18	18	25.5	25.5	27			28	26			
TEMP°C (1 foot)		15	17	18	21	23	24			24	23			
CLOUD (%)							30				30			
WIND (mph)			15-25				15-25				15-25			

Weather: Wind from southwest beginning with sunrise cloud cover thin and light.

WEATHER – HQA SITE #26

DATE: 3/25/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			64	70	75	78	78	78	78	74	81			
TEMP°F (1 foot)			65	68	70	72	74	76	92	92	76			
CLOUD (%)			0				0				0			
WIND (mph)			15-20				10-15				10-15			

Weather: Wind gusts in PM – 15-20 mph.

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #30

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 443261 E, 3862585 N/443243 E, 3862076 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/22/04 – 3/26/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Boland and Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/22/04 SECOND 3/23/04 if required THIRD 3/24/04 if required

FOURTH: 3/25/04 FIFTH: 3/26/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Yucca brevifolia* (Joshua tree).

other perennials: *Artemisia tridentata* (common sagebrush), *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2953 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #30
DATE: 3/22/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP (soil)	12°C		21°C		33°C									
TEMP (1 foot)	12°C		22°C		28.5°C				88°F					
CLOUD (%)			<5											
WIND (mph)			0											

WEATHER – HQA SITE #30

DATE: 3/23/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		14				29								
TEMP°C (1 foot)		14	17			27	27							
CLOUD (%)			100				20				10			
WIND (mph)			3-10				3-7 SW				10-20			

WEATHER – HQA SITE #30

DATE: 3/24/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		15	18	18	25.5	25.5	27			28	26			
TEMP°C (1 foot)		15	17	18	21	23	24			24	23			
CLOUD (%)							30				30			
WIND (mph)			15-25				15-25				15-25			

Weather: Wind from southwest beginning with sunrise. Cloud cover thin and light.

WEATHER – HQA SITE #30

DATE: 3/25/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		12	14	20			36				28			
TEMP°C (1 foot)		13	14	19			25				24			
CLOUD (%)			0				0				5			
WIND (mph)			5-15				5-15				5-15			

Weather: Day began windy and clear, no clouds.

WEATHER – HQA SITE #30

DATE: 3/26/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		14					21		18					
TEMP°C (1 foot)		17					18		15					
CLOUD (%)				15			30							
WIND (mph)				20-30			20-40							

Weather: Windy, sunny – extreme winds by afternoon – closed traps early.

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #31

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 448429 E, 3861801 N/448161 E, 3862219 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/27/04-3/31/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Boland

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/27/04 SECOND 3/28/04 if required THIRD 3/29/04 if required

FOURTH: 3/30/04 FIFTH: 3/31/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Yucca brevifolia* (Joshua tree).

other perennials: *Artemisia tridentata* (common sagebrush), *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2953 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #31
DATE: 3/27/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		8	11	21			38	42	43	39	35	30		
TEMP°C (1 foot)		9	11	17			21	23	23	22	19	18		
CLOUD (%)			0				0				0			
WIND (mph)			3-7				0-3				0			

WEATHER – HQA SITE #31
DATE: 3/28/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		12	17	22	25	33	37			31	29	29		
TEMP°C (1 foot)		12	18	20	22	25	26			24	23	24		
CLOUD (%)			0				0				0			
WIND (mph)			3-5				0-3				3-5			

Weather: Sunny and clear.

WEATHER – HQA SITE #31
DATE: 3/29/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		10	15	19		42	44	44	46	40		93°F		
TEMP°C (1 foot)		11	15	21		26	28	30	31	29		87°F		
CLOUD (%)			10				40				40			
WIND (mph)			0-3				3-5 east				3-5 east			

Weather: Cool morning.

WEATHER – HQA SITE #31
DATE: 3/30/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C (soil)		12	14	28	39	40	41							
TEMP°C (1 foot)		14	17	24	25	26	29							
CLOUD (%)			65				40							
WIND (mph)			0				0-5							

WEATHER – HQA SITE #31
DATE: 3/31/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP (soil)		10°C	14°C			86°F	39°C	40°C		41°C				
TEMP (1 foot)		11°C	14.5°C			70°F	26°C	86°F		29°C				
CLOUD (%)			30				10							
WIND (mph)			0				0-5							

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #37

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 432191 E, 3860583 N/431741 E, 3860739 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 4/21/04 – 4/25/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 4/21/04 SECOND 4/22/04 if required THIRD 4/23/04 if required

FOURTH: 4/24/04 FIFTH: 4/25/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Larrea tridentata* (creosote bush)

other perennials: *Ambrosia dumosa* (burrobush), *Artemisia tridentata* (common sagebrush), *Ephedra nevadensis* (Nevada tea), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2461 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #37

DATE: 4/21/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			58											
TEMP°F (1 foot)			56											
CLOUD (%)			0				0							
WIND (mph)			10-20				40							

WEATHER – HQA SITE #37

DATE: 4/22/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)					78								78	
TEMP°F (1 foot)					67								75	
CLOUD (%)			0											
WIND (mph)			0											

WEATHER – HQA SITE #37

DATE: 4/23/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		60												
TEMP°F (1 foot)		66				82								
CLOUD (%)														
WIND (mph)			0-5				5-10				5-10			

WEATHER – HQA SITE #37

DATE: 4/24/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)														
TEMP°F (1 foot)		61					84				86			
CLOUD (%)			0				0				0			
WIND (mph)			0				0				0			

WEATHER – HQA SITE #37

DATE: 4/25/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)														
TEMP°F (1 foot)			67			85		90						
CLOUD (%)			0				0							
WIND (mph)			0				0-5							

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #38

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 437756 E, 3860663 N/438255 E, 3860658 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 4/20/04 – 4/24/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 4/20/04 SECOND 4/21/04 if required THIRD 4/22/04 if required

FOURTH: 4/23/04 FIFTH: 4/24/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), (*Acamptopappus sphaerocephalus* (goldenhead), *Hymenoclea salsola* (cheesebush).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Tetradymia* sp. (cotton thorn).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Calyptridium monadrum* (pussypaws), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2789 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #38

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			50				80	88			84			
TEMP°F (1 foot)			51				72	77			73			
CLOUD (%)			65				50				50			
WIND (mph)			5-10				10-15				10-15			

WEATHER – HQA SITE #38

DATE: 4/21/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			56											
TEMP°F (1 foot)			58											
CLOUD (%)			0				0							
WIND (mph)			10-15				15-25							

Weather: Traps closed due to high winds. Range control reported winds at 17-23 knots.

WEATHER – HQA SITE #38
DATE: 4/22/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			68		78		82			104		78		
TEMP°F (1 foot)			62		67		70			77		74		
CLOUD (%)			0				0				0			
WIND (mph)			0				5-10				5-10			

WEATHER – HQA SITE #38
DATE: 4/23/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)							84				97			
TEMP°F (1 foot)							82				78			
CLOUD (%)							0				0			
WIND (mph)							5-10				<5			

WEATHER – HQA SITE #38

DATE: 4/24/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			68				98	102		98				
TEMP°F (1 foot)			70			82	84	84		84				
CLOUD (%)			0				0							
WIND (mph)			0				0				5-10			

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #44

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 450922 E, 3857128 N/451417 E, 3857186 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 3/28/04-4/1/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Tabor and Bill Vanherweg

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 3/28/04 SECOND 3/29/04 if required THIRD 3/30/04 if required

FOURTH: 3/31/04 FIFTH: 4/1/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Atriplex polycarpa* (allscale), *Atriplex spinifera* (spinescale), (*Acamptopappus sphaerocephalus* (goldenhead), *Hymenoclea salsola* (cheesebush).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Tetradymia* sp. (cotton thorn).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Calyptridium monadrum* (pussypaws), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2789 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #44
DATE: 3/28/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)				74	78		87	87		90		84		
TEMP°F (1 foot)				72	74		76	78		74		75		
CLOUD (%)							0							
WIND (mph)							10-15							

WEATHER – HQA SITE #44
DATE: 3/29/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		65	68				93	94			89	76		
TEMP°F (1 foot)		70	72				82	83			82	78		
CLOUD (%)			0				0				0			
WIND (mph)			0-5				5-10				5-10			

WEATHER – HQA SITE #44
DATE: 3/30/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			70	74			98	98			90			
TEMP°F (1 foot)			66	71			86	87			84			
CLOUD (%)			40				30				30			
WIND (mph)			0				0				10-15			

WEATHER – HQA SITE #44
DATE: 3/31/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		64	69				96	97		91	92			
TEMP°F (1 foot)		66	72				81	80		82	84			
CLOUD (%)			0				0				0			
WIND (mph)			0				0				0-5			

Weather: Gusty winds in PM approximately 10-15 mph.

WEATHER – HQA SITE #44
DATE: 4/1/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			64				68		69		70			
TEMP°F (1 foot)			60				62		64		62			
CLOUD (%)			0				20				15			
WIND (mph)			15-20				15-25				20-25			

Weather: Range control indicated winds at 0830 hours of 15-20 knots, with gusts to 35 knots at 227°. Range control indicates winds at 1345 hours of 19 knots at 273°, with gusts to 25 knots.

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #46

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 438282 E, 3855693 N/438395 E, 3856266 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 4/6/04-4/10/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Tabor, Steve Boland, and Bill Vanherweg.

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 4/6/04 SECOND 4/7/04 if required THIRD 4/8/04 if required

FOURTH: 4/9/04 FIFTH: 4/10/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Yucca brevifolia* (Joshua tree).

other perennials: *Artemisia tridentata* (common sagebrush), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Larrea tridentata* (creosote bush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~2800 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #46
DATE: 4/6/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			61				82				89			
TEMP°F (1 foot)			58				71				75			
CLOUD (%)			0				0				0			
WIND (mph)			10-15				10-15				10-15			

WEATHER – HQA SITE #46
DATE: 4/7/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			59			80	80		84		89			
TEMP°F (1 foot)			58			72	74		80		78			
CLOUD (%)			0				0				20			
WIND (mph)			0				0				5-10			

WEATHER – HQA SITE #46
DATE: 4/8/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			59			86	88			94				
TEMP°F (1 foot)			60			72	78			82				
CLOUD (%)			20				40							
WIND (mph)			0				0							

WEATHER – HQA SITE #46
DATE: 4/9/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			74				94				92			
TEMP°F (1 foot)			68				78				78			
CLOUD (%)			0				0				50			
WIND (mph)			0				0				<5			

WEATHER – HQA SITE #46
DATE: 4/10/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		69	70		84		96	98						
TEMP°F (1 foot)		68	72		72		81	82						
CLOUD (%)			0				0							
WIND (mph)			0				<5							

Mohave Ground Squirrel (MGS) Survey and Trapping Form

HQA SITE #47

PART I – PROJECT INFORMATION (use a separate form for each sampling grid)

Project name: EAFB MGS Trapping/Inventory Property owner: EAFB

Location: Township: 10N, 9N; Range: 6W, 7W, 8W; Section: _____; ¼ Section: _____

Quad map/series: Leuhman Ridge, Jackrabbit Hill, Red Buttes, Kramer Junction UTM coordinates: NAD 83, Zone 11 N, 443578 E, 3855713 N/443109 E, 3855475 N

GPS coordinates of trapping-grid end points

Acreage of Project Site: N/A Acreage of potential MGS habitat on site: UNK

Total acreage visually surveyed on project site: 12.25 ha Date(s): 4/5/04-4/9/04

Visual surveys conducted by: N/A

names of all persons by date (use back of form, if needed)

Total acres trapped: 12.25 ha Number of sampling grids: _____

Trapping conducted by: Steve Tabor, Steve Boland, and Bill Vanherweg.

names of all persons by sampling term and sampling grid (use back of form if needed)

Dates of sampling term(s): FIRST 4/5/04 SECOND 4/6/04 if required THIRD 4/7/04 if required

FOURTH: 4/8/04 FIFTH: 4/9/04

PART II – GENERAL HABITAT DESCRIPTION (use back of form, if needed)

Vegetation: dominant perennials: *Larrea tridentata* (creosote bush).

other perennials: *Ambrosia dumosa* (burrobush), *Artemisia tridentata* (common sagebrush), *Atriplex spinifera* (spinescale), *Ephedra nevadensis* (Nevada tea), *Eriogonum fasciculatum* (buckwheat), *Hymenoclea salsola* (burrobush), *Lycium cooperi* (boxthorn), *Opuntia ramosissima* (prickly pear cactus), *Yucca brevifolia* (Joshua tree).

dominant annuals: *Amsinckia intermedia* (fiddleneck), *Astragalus didymocarpus* (dwarf white milkvetch), *Bromus madritensis* ssp. *rubens* (red brome), *Camissonia campestris* (evening primrose), *Coreopsis bigelovii* (tickseed), *Cryptantha* spp. (cryptantha), *Eriastrum* spp. (eriastrum), *Erodium* spp. (filaree), *Gilia* spp. (gilia), *Lasthenia californica* (goldfield), *Schismus barbatus* (old han schismus).

other annuals: *Chaenactis* spp. (pincushion), *Linanthus parryae* (sandblossoms), *Malacothrix glabrata* (desert dandelion), *Oenothera* spp. (evening primrose), *Plagiobothrus* spp. (popcorn flower), *Rafinesquia neomexicana* (desert chicory).

Land forms (mesa, bajada, wash): None

Soils description: _____

Elevation: ~3117 feet Slope: <5%

PART III – WEATHER (report measurements in the following categories for each day of visual survey and each day of trapping; using 24-hour clock, indicate time of day that each measurement was made; use a separate blank sheet for each day)

Temperature: AIR minimum and maximum; SOIL minimum and maximum; Cloud Cover: % in AM and % in PM; Wind Speed: in AM and in PM

WEATHER – HQA SITE #47
DATE: 4/5/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			59				79				86			
TEMP°F (1 foot)			58				71				79			
CLOUD (%)			5-10				<5				<5			
WIND (mph)			10				5-10				10-15			

WEATHER – HQA SITE #47
DATE: 4/6/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			61				80				89			
TEMP°F (1 foot)			58				72				74			
CLOUD (%)			0				0				0			
WIND (mph)			10-15				10-15				10-15			

WEATHER – HQA SITE #47
DATE: 4/7/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			59			78	80	96			90	80		
TEMP°F (1 foot)			58			69	74	78			78	76		
CLOUD (%)			0				0				10-20			
WIND (mph)			0-5				0				5-10			

WEATHER – HQA SITE #47
DATE: 4/8/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			60			86	88			82				
TEMP°F (1 foot)			60			72	79			94				
CLOUD (%)			20				40							
WIND (mph)			<5				0							

WEATHER – HQA SITE #47
DATE: 4/9/04

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)			74				94			94	92			
TEMP°F (1 foot)			68				78			82	70			
CLOUD (%)			0				0				50			
WIND (mph)			0				0				<5			

APPENDIX B

RAW MGS TRAPPING FIELD DATA

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS TRAPPING / INVENTORY		Pg. 1 of 1
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	HQA # 5	DATE 16 MARCH 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	S. BOLAND / B. VANHERWEG	TRAPS OPENED 0700 / TRAPS CLOSED 1200	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			12				29							
TEMP°C(1 ft)			13.5				30.5							
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1130		AGS	F	AD	MP	104	Y	Y	R	N

(TRAPS CLOSED @ 12:00 DUE TO RANGE CONTROL MISSIONS)

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT					Pg. of
LOCATION EAFB SITE 5			COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER 5	DATE 17 MARCH 2004			TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE TABOR, STEVE BOLAND / B.V.	TRAPS OPENED 0615	TRAPS CLOSED 1730	TRAPS OPENED	TRAPS CLOSED	
WEATHER Sunny + Clear					

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F(soil)			(17)	(24.5)	(27)		81	94	96	90	84	75		
TEMP°F(1 ft)	38		(16)	(23)	(26)		92	86	85	82	83	76		
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
#5 1147		AGS	UNK	AD	UNK (ESCAPED)	—	—	—	—	—
~~1157~~		AGS	F	AD	MP	112	Yes	Yes	Red	No
1540		AGS	M	AD	SCROTAL	104	Yes	Yes	Red	No
1548		AGS	M	AD	NON SCROTAL	96	Yes	Yes	Red	No
1550		AGS	F	AD	MP	109	No	Yes	Red	Yes
1555		AGS	F	AD	MP	116	Yes	Yes	Red	No
#6 1558		AGS	F	~~AD~~ JUV	NR	91	Yes	Yes	Red	No
1600		AGS	F	AD	MP	106	Yes	Yes	Red	No
1617		AGS	F	AD	MP	112	Yes	Yes	Red	No
1622		AGS	M	AD	SCROTAL	96	Yes	Yes	Red	No
#5 1645		AGS	F	AD	MP, P	130	Yes	Yes	Red	No
1700		AGS	M	AD	SCROTAL	94	Yes	Yes	Red	No
1705		AGS	M	AD	SCROTAL	102	Yes	Yes	Red	No
1715		AGS	F	~~AD~~ AD	MP	110	Yes	Yes	Red	No
OTHER WILDLIFE 1720		AGS	M	AD	Scrotal	108	Yes	Yes	Red	No

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY ON EAFB		Pg. 1 of 1
LOCATION	EAFB	COUNTY ~~KERN~~ SAN BERNARDINO	CALIFORNIA
GRID NUMBER	5	DATE 18 MARCH 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	STEVE BOLAND / B.V. STEVE TABOR	TRAPS OPENED 630 / TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED
WEATHER	CLEAR & SUNNY		

TIME	6~~00~~30	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)	50		70		80	88	94			96				
TEMP°C(1 ft)	54		72		72	82	88			90				
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1030		AGS	F	AD	MP	108	Y	Y	R	NO
1045		AGS	F	AD	MP	116	Y	Y	R	NO
1500		AGS	F	AD	MP	108	Y	Y	R	NO
1513		AGS	M	AD	SCROTAL	114	Y	Y	R	NO
1520		AGS	F	AD	MP	114	Y	Y	R	NO
1527		AGS	M	AD	SCROTAL	87	N	Y	R	Y
1532		AGS	M	AD	SCROTAL	98	Y	Y	R	N
1538		AGS	F	AD	Non Reproductive	100	N	Y	R	Y
1547		AGS	M	AD	SCROTAL	96	Y	Y	R	N

OTHER WILDLIFE Phrynosoma
Masticophus
Callisaurus
Gambelia

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY AT EAFB				Pg. of
LOCATION	SITE 5 EAFB		COUNTY	SAN BERNARDINO	CALIFORNIA
GRID NUMBER	SITE 5	DATE	19 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE TABOR / STEVE BOLAND / B.V.	TRAPS OPENED	0630	TRAPS CLOSED	1700
TRAPS OPENED		TRAPS CLOSED			

WEATHER 65% CIRRUS CLOUDS in MORNING, NO WIND

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°F (soil)		62					90					82		
TEMP°F (1 ft)		66					88					84		
CLOUD(%)							50				35			
WIND(kph)							0-3 MPH SW				0-3 MPH SW			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
~~1130~~ 1130		AGS	—	—	—	—	—	—	—	—
1139		AGS	F	AD	MP, Pregnant	116	N	Y	R	Y
1152		AGS	M	AD	SCROTAL	100	N	Y	R	Y
1620		AGS	M	AD	SCROTAL	112	Y	Y	R	N
1635		AGS	M	AD	SCROTAL	106	Y	Y	R	N
1642		AGS	F	EJ	non reproductive	90	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT			Pg. 1 of
LOCATION SITE 5 EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 5	DATE 20 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE TABOR STEVE BOLAND / B.V.	TRAPS OPENED 0630	TRAPS CLOSED ~~0630~~	TRAPS OPENED	TRAPS CLOSED 1600

WEATHER Clear & Sunny

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		56					96				94			
TEMP°C(1 ft)		58					85				89			
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1137		AGS	F	J	NR	100	Y	Y	R	N
1257		AGS	M	AD	SCROTAL	102	Y	Y	R	N
16:20		AGS	M	AD	SCROTAL	110	Y	Y	R	N
16:32		AGS	F	AD	MP, PP	128	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB	COUNTY		CALIFORNIA
GRID NUMBER HAA #6	DATE 16 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR J. BOLAND / B. VANHEERWAY	TRAPS OPENED 0700	TRAPS CLOSED 1200	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			14				29							
TEMP°C(1 ft)			13				30.5							
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
0805		AGS	F	AD	MP	107	Y	Y	R	N
1115		AGS	M	AD	SCROTAL	110	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT					Pg. of
LOCATION	EAFB SITE 6		COUNTY		CALIFORNIA
GRID NUMBER	6	DATE	17 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE TABOR / STEVE BOLAND / B.V	TRAPS OPENED 645	TRAPS CLOSED 1630	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)					~~80~~ 86									
TEMP°C(1 ft)					80									
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1050		AGS	M	AD	scrotal	108	YES	yes	red	
1055		AGS	M	AD	SCROTAL	102	NO	YES	RED	YES

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY ON EAFB				Pg. 1 of 1
LOCATION	EAFB		COUNTY	~~KERN~~ SAN BERNARDINO	CALIFORNIA
GRID NUMBER	6	DATE	18 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BELAND / STEVE TABOR / A.V.	TRAPS OPENED	715	TRAPS CLOSED	1655
		TRAPS OPENED		TRAPS CLOSED	

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)								98	101		88			
TEMP°C(1 ft)								88	86		86			
CLOUD(%)											-0-			
WIND(kph)											5mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1114		AGS	F	AD	MP	103	No	Y	R	YES
1121		AGS	M	AD	SCROTAL	93	NO	Y	R	YES
1126		AGS	F	AD	~~P~~PP	114	No	yes	Red	No
1141		AGS	M	AD	SCROTAL	—	No	Y	R	Yes
1147		AGS	F	AD	MP	112	YES	Yes	RED	No
1612		AGS	M	AD	SCROTAL	98	N	Y	R	Y
1620		AGS	F	AD	MP	112 104	N	Y	R	Y
1624		AGS	F	AD	~~P~~PREGNANT	120 118	N	Y	R	Y
1635		AGS	M	AD	SCROTAL	116 100	N	Y	R	Y
1638		AGS	M	AD	NON SCROTAL	114 94	N	Y	R	Y
1646		AGS	F	AD	MP (DEAD IN TRAP)	105	(ANTS IN TRAP)			Y
1651		AGS	M	AD	SCROTAL	100	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY ON EAFB				Pg. of
LOCATION	EAFB		COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER	SITE 6	DATE 19 MARCH 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BOLAND / B.V. STEVE TABOR	TRAPS OPENED 0715	TRAPS CLOSED 1615	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			68		86	86		99	94	90				
TEMP°C(1 ft)			62		81	85		88	88	88				
CLOUD(%)			50											
WIND(kph)			-0-											

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1037		AGS	F	AD	MP	105	N	Y	R	Y
1042		AGS	M	AD	SCROTAL	108	N	Y	R	Y
1053		AGS	F	AD	MP	120	N	Y	R	Y
1521		AGS	M	AD	SCROTAL	94	N	Y	R	Y
1530		AGS	F	AD	MP	107	N	Y	R	Y
1540		AGS	M	AD	SCROTAL	98	N	Y	R	N
1542		AGS	M	AD	SCROTAL	102	N	Y	R	Y
1548		AGS	F	AD	MP, PP	120	N	Y	R	Y
1555		AGS	M	AD	NS	96	N	Y	R	Y

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT			Pg. 1 of 1
LOCATION EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 6	DATE 20 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE TABOR / STEVE BOLAND / A.V.	TRAPS OPENED 0715	TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			60	82	90	92	96				101			
TEMP°C(1 ft)			65	79	82	80	85				88			
CLOUD(%)			-0-											
WIND(kph)			-0-											

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1025		AGS	F	AD	MP	116	Y	Y	R	N
1046		AGS	M	AD	SCROTAL	104	Y	Y	R	N
1051		AGS	M	AD	NS	94	N	Y	R	Y
1157		AGS	F	AD	MP	120	N	Y	R	Y
1210		AGS	F	AD	MP, PP	122	N	Y	R	Y
1615		AGS	M	AD	NS	107	N	Y	R	Y
1635		AGS	F	JUV	NR	92	N	Y	R	Y
1705		AGS	F	AD	MP, PP	122	N	Y	R	Y

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB	COUNTY		CALIFORNIA
GRID NUMBER 18	DATE 3/22/04	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE TABOR / B. VAN	TRAPS OPENED 0700	TRAPS CLOSED 1400	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			72	76		94	92	97	98	98				
TEMP°C(1 ft)			70	74		86	88	88	92	92				
CLOUD(%)			5%				10%							
WIND(kph)			0				0-5							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1155		AGS	M	AD	SCROTAL	116	Yes	Yes	Red	No
1419		AGS	M	AD	SCROTAL	104	Yes	Yes	Red	NO
1452		AGS	M	AD	SCROTAL	120	Yes	Yes	Red	NO

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

TRAPS OPEN = 0700
TRAPS CLOSED = 1600

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MOHAVE GS INVENTORY			Pg. 1 of 1
LOCATION EAFB	COUNTY		CALIFORNIA
GRID NUMBER 18	DATE 23 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STAN TABAR / B. VAN HELOT	TRAPS OPENED 100 / TRAPS CLOSED 2	TRAPS OPENED 100 / TRAPS CLOSED 1	

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		—	60			84	86			84	79			
TEMP°C(1 ft)		58	62			77	79			80	76			
CLOUD(%)			100%				40%				5%			
WIND(kph)			15 mph				15 mph				25 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1116		AGS	M	AD	SCROTAL	102	N	Y	Red	Y
1140		AGS	M	AD	SCROTAL	110	N	Y	Red	Y
1205		AGS	M	AD	SCROTAL	104	Y	Y	Red	N
1520		AGS	M	AD	NONSCROTAL	110	Y	Y	Red	N
1528		AGS	M	AD	SCROTAL	114	N	Y	Red	Y
	(WINDS IN PM - GUSTY - UP to CA 25 MPH)									

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB	COUNTY		CALIFORNIA
GRID NUMBER 18	DATE 24 March 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR Bill Vandenberg, Steve TABOR	TRAPS OPENED 800 AM	TRAPS CLOSED 4 PM	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			70		78		84	84			76			
TEMP°C(1 ft)			66		70		78	78			78			
CLOUD(%)			0%				40%				20%			
WIND(kph)			10-15 MPH				15-25				15-30			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1221		AGS	M	AD	scrotal	100	N	Y	R	Y
1230		AGS	M	AD	scrotal	—	N	Y	R	Y
1247		AGS	M	AD	scrotal	—	N	Y	R	Y
1610		AGS	M	AD	scrotal	110	N	Y	R	Y
1623		AGS	F	AD	MP/P	112	Y	Y	R	N
1630		AGS	♂	AD	NS	110	Y	Y	R	N
		(WINDS INPM - GUSTY - up to 25 MPH)								

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory		Pg. 1 of 1
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	18	DATE 25 MARCH 2004	TRAP SESSION 1 2 3
INVESTIGATOR	Stan Tabor / Bill Vanherweg	TRAPS OPENED 8AM / TRAPS CLOSED 4 PM	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			64	70	75	78	78	78	78	79	81			
TEMP°C(1 ft)			65	68	70	72	74	76	92	92	76			
CLOUD(%)			0%				0%				0%			
WIND(kph)			15-20				10-15				10-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1222		AGS	M	AD	SCROTAL	110	N	Y	R	Y ~~Y~~ ~~Y~~
1236		AGS	M	AD	SCROTAL	98	Y	Y	R	N
1615		AGS	M	AD	SCROTAL	102	N ~~Y~~	Y	R	~~Y~~ Y

(WIND GUSTS IN PM — 15-20 mph)

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY		Pg. 1 of 1
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	18	DATE 26 MARCH 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	STEW TABOR / BILL VANKEANY	TRAPS OPENED 800 AM / TRAPS CLOSED 14-1500	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			—	61			60	63	61					
TEMP°C(1 ft)			58	58			56	56	56					
CLOUD(%)			60%				45%							
WIND(kph)			15-25	MPH			15-25	MPH						

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1410		AGS	♀F	AD	NR	102	Y	—	—	N
14:45		AGS	♂M	AD	SCROTAL	104	Y	—	—	N
				(GUSTY WINDS All Day - in 25 MPH in PM)						

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTA

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT			Pg. of
LOCATION EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 26	DATE 21 MARCH 2004		TRAP SESSION 1 2 3
INVESTIGATOR BILL VAN HERWEG, STEVE BOLAND	TRAPS OPENED 730	TRAPS CLOSED 1300	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)							90	113						
TEMP°C(1 ft)							90	90						
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1232	–	AGS	F	AD	MP	–	Y	Y	B	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT MGS INVENTORY			Pg. of
LOCATION EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 26	DATE 22 MAR 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE BOLAND, BILL VANHERWEG	TRAPS OPENED 0600	TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED

WEATHER Sunny & clear

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)	12		21		33	35					95			
TEMP°C(1 ft)	12		22		28.5	30				91	88			
CLOUD(%)			<5%								40%			
WIND(kph)			0 mph								3-7 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1035		AGS	M	AD	SCROTAL	—	Y	Y	R	N
1057		AGS	F	AD	MP		Y	Y	B	N
~~1131~~ (Site 30)	E0443000 N3862809	~~AGS~~	~~F~~	~~yearling~~	~~NON REPRO~~	~~104~~ ~~90~~	~~Y~~	~~Y~~	~~B~~	~~N~~
1530		AGS	M	AD	SCROTAL	110	Y	Y	R	N
1600		AGS	—	AD	—	102	Y	N	—	N esca

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT					Pg. of
LOCATION EAFB			COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER SITE 26	DATE 23 MARCH 2004			TRAP SESSION	(1) 2 3
INVESTIGATOR BILL VANHERWEG STEVE BOLAND	TRAPS OPENED 0700	TRAPS CLOSED 1650	TRAPS OPENED	TRAPS CLOSED	

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)														
TEMP°C(1 ft)														
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
			Ø	CAPTURES						

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY				Pg. of
LOCATION	EAFB		COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER	SITE 26	DATE 24 MARCH 2004		TRAP SESSION	1 2 3
INVESTIGATOR	~~SEE~~ BILL VANHERWEG, STEVE BOLAND	TRAPS OPENED 0830	TRAPS CLOSED 1800	TRAPS OPENED	TRAPS CLOSED
WEATHER	See site 30				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)														
TEMP°C(1 ft)														
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1150		AGS	M	AD	SCROTAL	—	Y	Y	R	N
1141		UTA	—	—	—	—	—	—	—	—

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY				Pg. of
LOCATION	EAFB		COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER	SITE 26	DATE 25 MAR 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BOLAND BILL VANHEKWEG	TRAPS OPENED 0600	TRAPS CLOSED 1730	TRAPS OPENED	TRAPS CLOSED
WEATHER	SEE STEVE TAYSON - SITE 16				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)														
TEMP°C(1 ft)														
CLOUD(%)														
WIND(kph)														

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1210		AGS	F	AD	MP	—	Y	Y	R	N
1225		AGS	F	AD	MP	—	Y	Y	B	N
1600		AGS	M	AD	Scrotal	—	Y	N		N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT MGS INVENTORY			Pg. of
LOCATION EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 30	DATE 22 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR BILL VAN HERWEG, STEVE BOLAND	TRAPS OPENED 0640	TRAPS CLOSED	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)	12		21		33				—					
TEMP°C(1 ft)	12		22		28.5				88					
CLOUD(%)			<5%											
WIND(kph)			0											

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1131	E 0443000 N 3862900	MGS	F	Yearling	Non Repro	90	Y	Y	B	N
1450		AGS	F	AGS	MP		Y	Y	B	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT			Pg. of
LOCATION EAFB		COUNTY	CALIFORNIA
GRID NUMBER SITE 30	DATE 23 March 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	TRAPS OPENED 0 @ 30	TRAPS CLOSED	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		14				29								
TEMP°C(1 ft)		14	17			27	27							
CLOUD(%)			100%				20%				10			
WIND(kph)			3-10 mph				3-7 mph				10-20 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1210		AGS	F	AD	MP	—	Y	Y	B	N
1220		AGS	M	AD	SCROTAL	—	Y	Y	B	N
1611		AGS	F	Yearling	non repro		Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY		Pg. of
LOCATION	EAPB	COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER	SITE 30	DATE 24 MARCH 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	STEVE BOLAND BILL VANHERWEG	TRAPS OPENED 0630 / TRAPS CLOSED 1800	TRAPS OPENED / TRAPS CLOSED

WEATHER Wind from SW beginning with Sunrise Cloud cover thin & light

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		15	18	18	25.5	25.5 78	27			28	26			
TEMP°C(1 ft)		15	17	18	21	23 74	24			24	23			
CLOUD(%)			0% ~~25~~				30%				30%			
WIND(kph)			15-25 mph				15-25 mph				15-25			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1700		AGS	M	AD	non repro	—	Y	Y	R	N

OTHER WILDLIFE

12/13

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY				Pg. of
LOCATION	EAPB		COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER	SITE 30	DATE 25 MAR 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BOLAND BILL VANHERWEG	TRAPS OPENED 0630	TRAPS CLOSED 1610	TRAPS OPENED	TRAPS CLOSED

WEATHER Dry begun windy & clear, no clouds.

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		12	14	20			36				28			
TEMP°C(1 ft)		13	14	19			25				24			
CLOUD(%)			-0-				-0-				5%			
WIND(kph)			5-15				5-15				5-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1600										

Ø CAPTURES

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT MGS INVENTORY			Pg. of
LOCATION EAPB - PIRA		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER 30	DATE 26 MAR 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE BOLAND, BILL VANHERWEG	TRAPS OPENED 0630	TRAPS CLOSED 1420	TRAPS OPENED / TRAPS CLOSED

WEATHER WINDY, SUNNY - EXTREME WINDS BY AFTERNOON - CLOSED TRAPS EARLY

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		14					21		18					
TEMP°C(1 ft)		17					18		15					
CLOUD(%)			20-30				30							
WIND(kph)			15				20-40							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
					Ø CAPTURES					

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT			Pg. of
LOCATION EAFB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER 31	DATE 27 March 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR STEVE BOLAND	TRAPS OPENED ~~0720~~ 0720	TRAPS CLOSED 1730	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		8	11	21			36	42	43	39 (96)	35 (90)	30		
TEMP°C(1 ft)		9	11	17			21	23	23	22 (76)	19 (74)	18		
CLOUD(%)			—0—				—0—				—0—			
WIND(kph)			3-7 mph				0-3 mph				none 0-3 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1205	—	AGS	M	AD	non repro	100	Y	Y	R	N
1210	—	AGS	F	AD	non repro	94	Y	Y	R	N
1218	E 447938 N 3862465	MGS	F	AD	non repro	148	Y	Y	R	N
1231	—	AGS	F	AD	MP	—	Y	Y	R	N
1245	—	AGS	M	AD	SCROTAL	—	Y	Y	R	N
1251	E 448031 N 3862074	MGS	M	AD	non repro	157	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY				Pg. of
LOCATION	EAFB		COUNTY	SAN BERNARDINO	CALIFORNIA
GRID NUMBER	SITE 31	DATE	28 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BOLAND	TRAPS OPENED	0700	TRAPS CLOSED	1730
TRAPS OPENED		TRAPS CLOSED			

WEATHER Sunny & Clear

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		12	17	22	25 (78)	33	37			31	29	29 (84)		
TEMP°C(1 ft)		12	18	20	22 (72)	25	26			24	23	24 (75)		
CLOUD(%)			-0-				-0-				-0-			
WIND(kph)			3-5 mph				0-3				3-5 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1130	—	AGS	F	AD	MP	—	Y	Y	R	N
1610	—	AGS	M	AD	SCROTAL	—	Y	Y	R	N
1653	—	AGS	M	AD	SCROTAL	—	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY				Pg. of
LOCATION	EAFB		COUNTY SAN BERNARDINO		CALIFORNIA
GRID NUMBER	SITE 31	DATE 29 MARCH 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	STEVE BOLAND	TRAPS OPENED 0700	TRAPS CLOSED 1710	TRAPS OPENED	TRAPS CLOSED
WEATHER	COOL MORNING				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		10	15	19		42	44	44	46	40	98	87		
TEMP°C(1 ft)		11	15	21		26	28	30	31	29	87			
CLOUD(%)			10%				40%				40%			
WIND(kph)			0-3 mph				3-5 mph East				3-5 mph East			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (~~AGS ONLY~~)? YES/NO	COLOR	RECAPTURE? YES/NO
1206	E 448032 N 3862041	MGS	M	AD	NON REPRO	178	Y	Y	R	N
1212	—	AGS	M	AD	SCROTAL	—	Y	Y	R	N
1215	—	AGS	F	AD	MP	—	Y	Y	R	N
1601	E 447963 N 3861973	MGS	F	AD	NON REPRO	2102	Y	Y	R	N
1614	E 448030 N 3862003	MGS	F	AD	NON REPRO	144	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT MGS INVENTORY			Pg. of
LOCATION SITE 31 EAPB		COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER SITE 31	DATE 30 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR STEVE BOLAND	TRAPS OPENED 0630	TRAPS CLOSED 1800	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		12	14	28	39	40	41							
TEMP°C(1 ft)		14	17	24	25	26	29							
CLOUD(%)			65%				40%							
WIND(kph)			0				0-5							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1144	—	AGS	M	AD	SCROTAL	99	Y	Y	R	N
1705		AGS	M	AD	SCROTAL	122	Y	Y	R	N
1730		MGS	F	AD	NR	—	N	Y	R	Y

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	MGS INVENTORY		Pg. of
LOCATION	EAFB	COUNTY SAN BERNARDINO	CALIFORNIA
GRID NUMBER	SITE 31	DATE MARCH 31 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	STEVE BOLAND	TRAPS OPENED 0700 / TRAPS CLOSED 1800	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		10	14			86	39	40		41				
TEMP°C(1 ft)		11	14.5			70	26	86		29				
CLOUD(%)			30%				10							
WIND(kph)			-0-				0-5 mph							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		~~AGS~~								
1110	E 448000 N 3862392	MGS	M	AD	SCROTAL	119	Y		R	N
1120	E 448001 N 3862157	MGS	F	AD	NON REPRODUCTIVE	164	N		R	Y
1130	E 448029 N 3862004	MGS	F	AD	NON REPRO	192	N		R	Y
1545	447960 3862064	MGS	F	AD	non repro	146	N		R	Y
1615		AGS	F	AD	MP	—	N	N	R	Y

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT Edwards AFB 2004 Mohave Ground Squirrel trapping			Pg. 1 of 1
LOCATION EAFB, CA	COUNTY Kern		CALIFORNIA
GRID NUMBER HQA # 37	DATE 4/21/04		TRAP SESSION (1) 2 3
INVESTIGATOR B. Vanherweg	TRAPS OPENED 07:00	TRAPS CLOSED 13:00	TRAPS OPENED N/A / TRAPS CLOSED N/A

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			58°F											
TEMP°C(1 ft)			56°F											
CLOUD(%)			0%				0%							
WIND(kph)			10-20 mph				40 mph							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1st & Last		AGS	F	AD	#			Y	blue	NO
Check		AGS	M	AD	N.S.			Y	↓	↓
13:00-13:30		AGS	F	AD				Y		
		AGS	M	Juv	N.S.			Y		
		AGS	M	AD	N.S			Y	↓	↓

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB 2004 trapping			Pg. 1 of 1
LOCATION EAFB	COUNTY Kern		CALIFORNIA
GRID NUMBER AQA 37	DATE 4/22/04	TRAP SESSION (1) 2 3	
INVESTIGATOR B. Vanhaverbeg	TRAPS OPENED 07:00	TRAPS CLOSED	TRAPS OPENED —	TRAPS CLOSED —

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			~~67~~		67°F								78°F	
TEMP°C(1 ft)					78°F								75°F	
CLOUD(%)			0											
WIND(kph)			0-mph											

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (~~AGS ONLY~~)? YES/NO	COLOR	RECAPTURE? YES/NO
12:20		AGS	F	Ad		94	yes	yes	Red	NO
		AGS		Ad	Escaped					?
		AGS	F	Juv		—	yes	yes	blue	NO
		AGS	m	Juv		42	yes	yes	red	no
		AGS	F	Yearling		92	yes	yes	blue	NO
		AGS	F	Ad		—	yes	yes	blue	NO
		AGS	m	Ad		—	yes	yes	blue	NO
		AGS	m	Juv		—	yes	yes	blue	NO
		AGS	F	Adu		—	yes	yes	blue	NO
		AGS	F	Adu		94	yes	yes	red	NO
		AGS	m	Juv		—	yes	yes	blue	NO
		AGS	m	Adu	Part. scrotal	112	yes	yes	red	no
		AGS	F	adu		—				yes
		AGS	m	Adu	N.S.	112	yes	yes	red	no
OTHER WILDLIFE		AGS	m	Juv	NS		yes	yes	blue	no
		AGS	F	Juv	NR		yes	yes	blue	no

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	Edwards AFB MGS 2004 Trapping				Pg. of
LOCATION	EAFB	COUNTY	Kern		CALIFORNIA
GRID NUMBER	HQA-37	DATE	4/23/04	TRAP SESSION	(1) 2 3
INVESTIGATOR	B. Vanherweg	TRAPS OPENED 07:15	TRAPS CLOSED 4:15	TRAPS OPENED —	TRAPS CLOSED —

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		60°F				~~81°F~~								
TEMP°C(1 ft)		66°F				82°F								
CLOUD(%)														
WIND(kph)			0-5				5-10				5-10			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:45		AGS	M	Juv	NS		yes	yes	blue	no
		AGS	M	Juv	NS	42g	yes	yes	red	no
		AGS	M	Adu	NS	—	yes	yes	red	no
		AGS	F	Adu	NV	112	yes	No	escaped	no
		AGS	M	Juv	NS	40	yes	yes	red	no
		AGS	F	Adu	NV	110				yes
		AGS	F	Juv	NR	—	yes	yes	blue	no
3:45		AGS	F	Juv	NR	—	yes	yes	red	no
		AGS	F	Juv	NR	—	yes	yes	blue	no
		AGS	F	Adu	NV	—	yes	yes	blue	no
		AGS	M	Juv	NS	—	yes	yes	red	no
		AGS	M	Adu	NS	—	yes	yes	blue	no
		AGS	M	Juv	NS	—	yes	yes	red	no
		AGS	M	Adu	NS	120	yes	yes	red	no
		AGS	M	Adu	NS	98	yes	yes	red	no

OTHER WILDLIFE

AM Recaps ♀ 8 ♂ 11 11

14 new 4 recaps.

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT Edward AFB 2004 Trapping Survey			Pg. 1 of 1
LOCATION E AFB	COUNTY Kern		CALIFORNIA
GRID NUMBER Site HQA #37	DATE 4/14/04		TRAP SESSION (1) 2 3
INVESTIGATOR Bill Vanherweg	TRAPS OPENED 07:15	TRAPS CLOSED	TRAPS OPENED —	TRAPS CLOSED —

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)														
TEMP°C(1 ft)	~~61°F~~	61°F					84°F				86°F			
CLOUD(%)			0				0				0			
WIND(kph)			0				0				0			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
12:10		AGS	F	Juv	NR		yes	yes	blue	no
		AGS	F	Juv	NR		yes	yes	red	no
		AGS	M	Juv	NS		yes	yes	blue	no
		AGS	F	Juv	NR		yes	yes	red	no
		AGS	F	Adu	NV	104	yes	yes	red	no
		AGS	F	Adu	NR	96	yes	yes	red	no
16:45		AGS	M	Adu	NS	—	yes	yes	blue	no
		AGS	M	Adu	NS	—			Escaped	

OTHER WILDLIFE

Am recap

♀ ♂

~~IIII~~ 1

9 recaps 7 new 1 escape

Pm recap

♀ ♂

1 11

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT Edwards AFB 2004 trapping Survey			Pg. 1 of 1
LOCATION EAFB		COUNTY Kern	CALIFORNIA
GRID NUMBER HRA-37	DATE 4/25/04		TRAP SESSION (1) 2 3
INVESTIGATOR B. Vanherweg	TRAPS OPENED 07:15	TRAPS CLOSED 13:15	TRAPS OPENED — TRAPS CLOSED —

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)														
TEMP°C(1 ft)			67°F			85°F		90°F						
CLOUD(%)			0				0							
WIND(kph)			0				0-5							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:15		AGS	F	Juv	NR	—	yes		blue	
		AGS	m	Juv	NS	—	yes		red	
		AGS	M	Juv	NS	—	yes		red	
		AGS	M	Adu	NS	—	yes		red	
		AGS	F	Adu	NV	—	yes		red	
13:15		AGS	F	Juv	NR		yes			
		AGS	m	Juv	NS		yes			
		AGS	F	Adu	NR		yes			
115 0432426		MGS	M	Adu	N.S.	224	yes	no	—	no
3860925										

OTHER WILDLIFE

AM Recaps
♀ ♂
|||| ||||

PM recaps
♀ ♂
1

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS Inventory			Pg. 1 of 1
LOCATION 38 – EAFB		COUNTY	CALIFORNIA
GRID NUMBER 38	DATE 4/20/04		TRAP SESSION (1) 2 3
INVESTIGATOR BV/SFT	TRAPS OPENED 0730	TRAPS CLOSED 16:30	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			50				80	88			84			
TEMP°C(1 ft)			51				72	77			73			
CLOUD(%)			65%				50%				50%			
WIND(kph)			5-10	~~mph~~			10-15	~~mph~~			10-15	~~mph~~		

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
12:50		AGS	F	AD	MP, PP	110	Y	Y	R	N
16:47		AGS	F	AD	MP	112	Y	Y	R	N
17:05		MGS	F	AD	MP, PP (E0437961 N3860901) – MGS-1-38N	212	Y	Y	R	N
17:20		AGS	F	AD	MP, PP	130	Y	Y	R	N
17:35		AGS	F	AD	MP	122	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB		COUNTY	CALIFORNIA
GRID NUMBER 38	DATE 4/21/04		TRAP SESSION (1) 2 3
INVESTIGATOR BV/SPT	TRAPS OPENED 07:30	TRAPS CLOSED 11:30-12:30	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			56											
TEMP°C(1 ft)			58											
CLOUD(%)			0%				0%							
WIND(kph)			10-15				15-25							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:20		AGS	M	JUV	NR	42	Y	Y	R	N
11:32		AGS	M	AD	NS	—	Y	Y	R	Y

(TRAPS closed DUE to HIGH WINDS
RANGE CONTROL REPORTED WINDS @
1000 HRS 17-23 KNOTS)

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	38	DATE 4/22/04		TRAP SESSION	(1) 2 3
INVESTIGATOR	BV/SPT	TRAPS OPENED 07:30	TRAPS CLOSED 16:30	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			68		78		82			104	—	78		
TEMP°C(1 ft)			62		67		70			77	—	74		
CLOUD(%)			0				0				0			
WIND(kph)			0				5-10				5-10			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		AGS	F	JUV	NR	—	Y	Y	B	N
		AGS	M	JUV	NR	53	Y	Y	R	N
11:00 –		AGS	F	AD	NR	—	Y	Y	B	N
12:30		AGS	—	AD	(ESCAPED)	106	Y	N	—	N
HRS		AGS	F	AD	MP, PP	124	Y	Y	R	N
		MGS	F	AD	MP, ~~PP~~	182	Y	Y	R	N
		(MGS-2-38N E0438043 5 N 3860871)								
		AGS	M	AD	NS	120	Y	Y	R	N
		AGS	M	JUV	NR	—	Y	Y	R	N
16:30 –		AGS	—	JUV	NR (ESCAPED)	—	Y	—	—	N
17:30		AGS	F	AD	NR	—	Y	Y	R	N
HRS		AGS	F	AD	MP, PP	128	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY				Pg. 1 of 1
LOCATION	EAFB	COUNTY			CALIFORNIA
GRID NUMBER	38	DATE 4/23/04		TRAP SESSION	(1) 2 3
INVESTIGATOR	BV/SPT	TRAPS OPENED 08:00	TRAPS CLOSED 16:00	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)							84				97			
TEMP°C(1 ft)							82				78			
CLOUD(%)							0%				0			
WIND(kph)							5-10 mph				<5 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		AGS	M	AD	NS (ESCAPED)	—	Y	N	—	N
		AGS	F	AD	MP, PP	—	N	Y	R	Y
		AGS	M	JUV	NS	—	Y	Y	R	N
12:00 –		AGS	F	AD	MP, PP	124	Y	Y	R	N
13:30		AGS	F	JUV	NR	61	Y	Y	R	N
HRS		AGS	M	JUV	NS	62	Y	Y	R	N
		AGS	M	JUV	NS	66	Y	Y	R	N
		AGS	M	AD	NS	—	Y	Y	R	N
		AGS	F	AD	MP, PP	130	Y	Y	R	N
1600 –		AGS	M	JUV	NS	—	Y	Y	R	N
1700		AGS	M	JUV	NS	72	Y	Y	R	N
HRS		AGS	M	AD	NS	—	Y	Y	R	N
		AGS	M	AD	NS	102	Y	Y	R	N
		AGS	F	AD	MP	—	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	38	DATE 4/24/04		TRAP SESSION	(1) 2 3
INVESTIGATOR	BV/SPT	TRAPS OPENED 07:30	TRAPS CLOSED 1600	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			68			—	98	102		98				
TEMP°C(1 ft)			70			82	84	84		84				
CLOUD(%)			0				0							
WIND(kph)			0				0				5-10			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:35		AGS	M	JUV	NRS	—	Y	Y	R	N
11:40		AGS	M	JUV	NRS	—	Y	Y	R	N
11:55		AGS	—	JUV	Escaped	—	—	—	—	—
12:10		AGS	M	AD	NRS	76	Y	Y	R	N
12:40		AGS	F	JUV	NR	—	Y	Y	R	N
		AGS	M	JUV	NS	—	Y	N	—	N
		AGS	F	AD	MP	—	Y	N	—	N
		AGS	F	JUV	NR	—	Y	N	—	N
1600		AGS	F	AD	MP, AP	136	N	N	—	Y
1730		AGS	—	JUV	Escaped	—	Y	N	—	N
MRS		MGS	F	AD	MP (Not weighed prev. w/o)	182	N	N	—	Y
					(E 438078 N 3860828)					
		MGS	M	AD	NS	214	Y	N	—	N
					(E 0437686 N 3860864)					

OTHER WILDLIFE: OTHER AGS M JUV - New; AGS F JUV - New; AGS M JUV - New; AGS M JUV - New

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	44	DATE	28 MARCH 2004	TRAP SESSION	(1) 2 3
INVESTIGATOR	Stan Talley / Bill Vanderbilt	TRAPS OPENED 0900	TRAPS CLOSED 1600	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)				74	78		87	87		90		84		
TEMP°C(1 ft)				72	74		76	78		79		75		
CLOUD(%)							0%							
WIND(kph)							10-15							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		Ø CAPTURES IN 1ST CHECK (1 TRAP JAMMED)								
		Ø CAPTURES IN 2ND CHECK (100 TRAPS OPEN)								

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory		Pg. 1 of
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	44	DATE 29 MARCH 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	Steve Tolbert / BJV	TRAPS OPENED 0700 / TRAPS CLOSED	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		65	68				93	94			89	76		
TEMP°C(1 ft)		70	72				82	83			82	78		
CLOUD(%)			0%				0%				0%			
WIND(kph)			0-5				5-10				5-10			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1237		AGS	F	AD	MP/PP	102	Y	Y	R	N
1710		AGS	M	AD	SCROTAL	96	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY		Pg. 1 of 1
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER 44	DATE 30 MARCH 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR Steve Talbot / BJV	TRAPS OPENED 07:30	TRAPS CLOSED	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			70	74			98	98			90			
TEMP°C(1 ft)			66	71			86	88			84			
CLOUD(%)			40%				30%				30%			
WIND(kph)			0				0				10-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
12:30		AGS	—	—	ESCAPED	—	—	—	—	—
12:47		AGS	M	AD	SCROTAL	—	Y	Y	R	N
16:35		AGS	M	AD	SCROTAL	102	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory				Pg. 1 of
LOCATION	EAFB	COUNTY			CALIFORNIA
GRID NUMBER	44	DATE 31 MARCH 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	Steve Talley/BTV	TRAPS OPENED 0730	TRAPS CLOSED 1600-1700	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		64	69				96	97		91	92			
TEMP°C(1 ft)		66	72				81	80		82	84			
CLOUD(%)			0%				0%				0%			
WIND(kph)			0				0				0-5			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
12:50		AGS	UNK	—	Escaped	—	—	—	—	—
13:11		AGS	M	Ad	SCROTAL	106	Y	Y	R	N
		Ø	captures IN PM check							
					(GUSTY WINDS IN PM — ca 10-15 mph)					

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	44	DATE 01 APRIL 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	Stuart Talbot / BSV	TRAPS OPENED 0730-0830	TRAPS CLOSED 13-1400	TRAPS OPENED	TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			64				68		69		70			
TEMP°C(1 ft)			60				62		64		62			
CLOUD(%)			0%				20%				15%			
WIND(kph)			15-20				15-25				20-25			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
								LAST	DAY	
1423		AGS	M	AD	NON SCROTAL	102	Y	—	—	N
1437		AGS	F	AD	MP/PP	118	Y	—	—	N
		(RANGE CONTROL INDICATED WINDS @ 0830 @ 15-20 KNOTS W/ GUSTS to 35 KNOTS @ 227°)								
		(RANGE CONTROL @ 13:45 HRS - WIND 19 KNOTS @ 273° - GUSTS to 25K)								

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB		COUNTY	CALIFORNIA
GRID NUMBER 46	DATE 06 APRIL 2004	TRAP SESSION (1) 2 3	
INVESTIGATOR S. TABOR / G. WARRICK	TRAPS OPENED 0730	TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED
WEATHER BIL UNWEATHERED			

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			61				82				89			
TEMP°C(1 ft)			58				71				75			
CLOUD(%)			0				0				0			
WIND(kph)			10-15				10-15				10-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:10		ONTO	—	AD	ESCAPED	—				
11:25		AGS	M	AD	SCROTAL	104	Y	Y	R	N
12:05		AGS	F	AD	MP	—	Y	Y	R	N
12:10		AGS	F	JUV	NR	46	Y	Y	R	N
12:15		AGS	M	AD	NS	96	Y	Y	R	N
12:20		MGS	M	AD	NS	224	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory		Pg. 1 of 1
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	46	DATE 07 APRIL 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	Steve Tabor / Greg Warrick	TRAPS OPENED 0730 / TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED
WEATHER	Bill VanHerweg		

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			59°F			80	80		94		89			
TEMP°C(1 ft)			58°F			72	74		80		78			
CLOUD(%)			0%				0%				20%			
WIND(kph)			0 MPH				0 MPH				5-10 MPH			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		AGS	M	AD	SCROTAL	90	Y	Y	R	N
		AGS	F	JUV	NR	50	Y	Y	R	N
		AGS	M	JUV	NR	48	Y	Y	R	N
11-12:30	Neotoma lepida		F	AD	NR	—	Y	Y	R	N
		AGS	M	AD	SCROTAL	98	Y	Y	R	N
		AGS	M	AD	Scrotal	96	Y	Y	R	N
		MGS	M	AD	NS	—	N	Y	R	Y
16:20		MGS	F	AD	NR	159	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	46	DATE 4/8/04		TRAP SESSION	(1) 2 3
INVESTIGATOR	Steve TABOR / Greg W.	TRAPS OPENED 0730	TRAPS CLOSED 1600	TRAPS OPENED	TRAPS CLOSED
WEATHER	Bill VanHerweg				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			59			86	88			94				
TEMP°C(1 ft)			60			72	78			82				
CLOUD(%)			20				40%							
WIND(kph)			0				0							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
11:15		MGS	M	AD	NS	220	N	Y	R	Y
11:25		AGS	F	AD	MP	97	Y	Y	R	N
11:36		AGS	F	JUV	NR	86	Y	Y	R	N
11:45		AGS	F	AD	MP, PP	116	Y	Y	R	N
12:05		MGS	F	AD	MP	174	Y	Y	R	N
16:10		AGS	M	AD	SCROTAL	96	Y	Y	R	N
16:30		MGS	F	AD	NR	—	N	Y	R	Y
16:55		AGS	F	AD	MP	112	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS Inventory				Pg. 1 of 1
LOCATION	EAFB		COUNTY		CALIFORNIA
GRID NUMBER	46	DATE 4/9/04		TRAP SESSION	(1) 2 3
INVESTIGATOR	B. VanHaeseg / G. Lasarle	TRAPS OPENED 0730	TRAPS CLOSED 1600	TRAPS OPENED	TRAPS CLOSED
WEATHER	J. Tabor				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			74				94				92			
TEMP°C(1 ft)			68				78				78			
CLOUD(%)			0				0				50			
WIND(kph)			0				0				45 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		AGS	M	AD	SCROTAL	86	N	Y	Y	Y
		AGS	F	AD	MP	114	Y	Y	R	N
	Neotoma lepida		F	AD	MP	106	Y	Y	R	N
11-12:30										
		MGS	F	AD	NR	177	Y	Y	R	N
		MGS	F	AD	NR	—	N	Y	R	Y
	Neotoma lepida		M	AD	SCROTAL (AT LIMIT)	186	Y	Y	R	N
		AGS	M	AD	SCROTAL	105	N	Y	R	Y
16-17:30		AGS	M	AD	SCROTAL	112	Y	Y	R	N
		AGS	F	AD	NR	105	Y	Y	R	N
		MGS	F	AD	NR	214	Y	Y	R	N
OTHER WILDLIFE	Neotoma lepida		F	JUV	NR	509	Y	Y	R	N

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB	COUNTY		CALIFORNIA
GRID NUMBER 46	DATE 4/14/04	TRAP SESSION (1) 2 3	
INVESTIGATOR B. VAN HERWEGEN / G. WINDER	TRAPS OPENED 0730	TRAPS CLOSED 1600	TRAPS OPENED / TRAPS CLOSED
WEATHER S. TABOR			

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)		69	70		84		96	98						
TEMP°C(1 ft)		68	72		72		81	82						
CLOUD(%)			0				0							
WIND(kph)			0				<5 mph							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
	NEOTOMA		F	JUV	NR	50	N	Y	R	Y
		MGS	F	AD	MP	176	N	Y	R	Y
11-12:30		MGS	M	AD	NR	226	Y	Y	R	N
		MGS	F	AD	NR	166	Y	Y	R	N
16-17:30		MGS	F	AD	MP, PP	—	N	Y	R	Y
	NEOTOMA		M	JUV	NR	57	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY				Pg. 1 of 1
LOCATION	EAFB	COUNTY			CALIFORNIA
GRID NUMBER	47	DATE 05 APRIL 2004		TRAP SESSION	(1) 2 3
INVESTIGATOR	S. TABOR / G. WARRICK	TRAPS OPENED 0730	TRAPS CLOSED 16-1700	TRAPS OPENED	TRAPS CLOSED
WEATHER	BILL VANHRAWEG				

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			59				79				86			
TEMP°C(1 ft)			58				71				79			
CLOUD(%)			5-10%				<5%				<5%			
WIND(kph)			10 MPH				5-10				10-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
			(Ø CAPTURES - 1ST TRAP CHECK)							
			(Ø CAPTURES - 2ND TRAP CHECK)							

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS Inventory			Pg. 1 of 1
LOCATION EAFB		COUNTY	CALIFORNIA
GRID NUMBER 47	DATE 06 APRIL 2004		TRAP SESSION (1) 2 3
INVESTIGATOR S. TABOR / G. WARRICK	TRAPS OPENED 0800	TRAPS CLOSED 16-1730	TRAPS OPENED / TRAPS CLOSED
WEATHER Bill VanHorwog			

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			61				80				89			
TEMP°C(1 ft)			58				72				74			
CLOUD(%)			0%				0				0			
WIND(kph)			10-15				10-15				10-15			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
1222		AGS	F	AD	MP	102	Y	Y	R	N
1655		AGS	M	AD	SCROTAL	128	Y	Y	R	N
1705		AGS	M	AD	SCROTAL	104	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT	EAFB MGS INVENTORY		Pg. 1 of
LOCATION	EAFB	COUNTY	CALIFORNIA
GRID NUMBER	47	DATE 07 APRIL 2004	TRAP SESSION (1) 2 3
INVESTIGATOR	STEW TABOR / GREG WARRICK	TRAPS OPENED 0800 / TRAPS CLOSED 1700	TRAPS OPENED / TRAPS CLOSED
WEATHER	BILL VANHEAWEG		

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			59°F			78	80	96			90	80		
TEMP°C(1 ft)			58°F			69	74	78			79	76		
CLOUD(%)			0%				0%				10-20%			
WIND(kph)			0-5 mph				0 MPH				5-10 mph			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
			(Ø CAPTURES – 1ST TRAP CHECK)							
1720		AGS	– ESCAPED – NO DATA							
1745		AGS	M	AD	SCROTAL	122	Y	Y	R	N

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION EAFB		COUNTY	CALIFORNIA
GRID NUMBER 47	DATE 4/8/04		TRAP SESSION (1) 2 3
INVESTIGATOR STUART TABOR / Greg WARRICK	TRAPS OPENED 0800	TRAPS CLOSED 1700	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			60			86	88			82				
TEMP°C(1 ft)			60			72	79			94				
CLOUD(%)			20				40							
WIND(kph)			<5MPH				0							

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
		AGS	M	JUV	NS	74	Y	Y	R	N
		CONSPICUOUS TIGHT ♂ AD IN TRAP								

OTHER WILDLIFE

REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

MOHAVE GROUND SQUIRREL TRAPPING

PROJECT EAFB MGS INVENTORY			Pg. 1 of 1
LOCATION 47 - EAFB		COUNTY	CALIFORNIA
GRID NUMBER 47	DATE 4/19/04		TRAP SESSION (1) 2 3
INVESTIGATOR BILL VANHEAUW / SAT / KW	TRAPS OPENED 0800	TRAPS CLOSED 1700	TRAPS OPENED / TRAPS CLOSED

WEATHER

TIME	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900
TEMP°C(soil)			74				94				~~94~~	92		
TEMP°C(1 ft)			68				78				~~82~~	78		
CLOUD(%)			0				0				50			
WIND(kph)			0				0				25 MPH			

CAPTURE TIME MILITARY TIME	TRAP NO.	SPECIES MGS/AGS	SEX M/F	AGE AD/JUV	REPRODUCTIVE CONDITION (SEE BELOW)	WEIGHT GRAMS	NEW? YES/NO	DID YOU MARK (AGS ONLY)? YES/NO	COLOR	RECAPTURE? YES/NO
				Ø	CAPTURES					

OTHER WILDLIFE

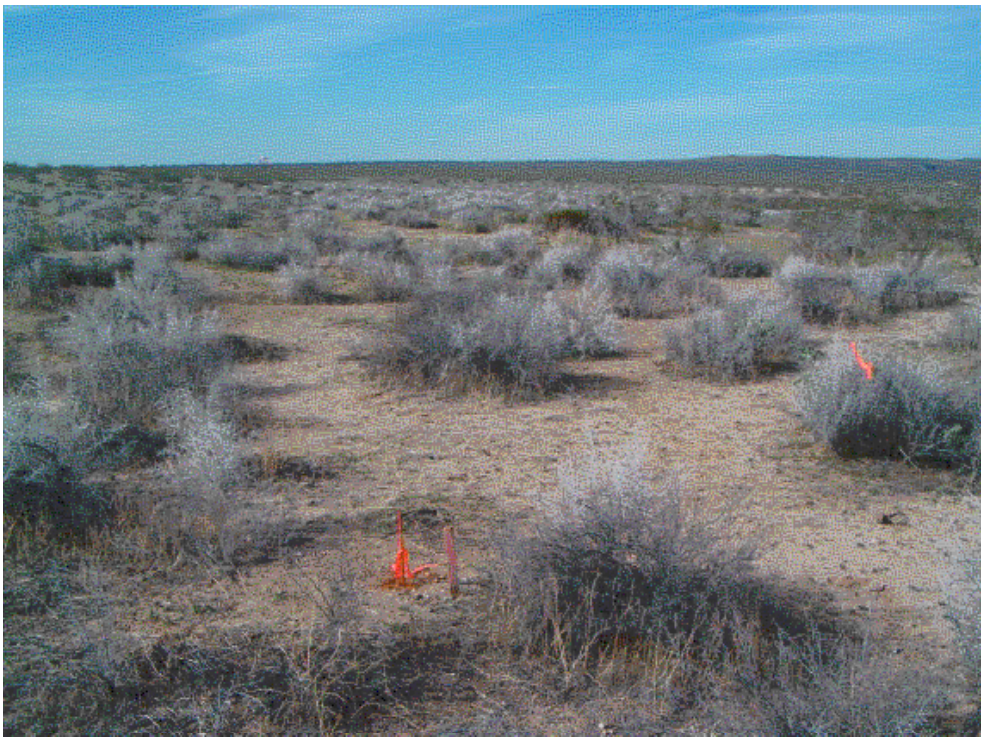
REPRODUCTIVE CONDITION: FEMALES = PREGNANT, LACTATING, POST-LACTATING, NON-REPRODUCTIVE; MALES = TESTES SCROTAL, TESTES NON-SCROTAL

APPENDIX C

PHOTOGRAPHS OF HQA SITES

Photograph 1. HQA Site #5. View south from northern end of sampling grid.

Photograph 2. HQA Site #6. View south from northern end of sampling grid.



Photograph 3. HQA Site #18. View north from southern end of sampling grid.

Photograph 4. HQA Site #26. View south from the northern end of sampling grid.

Photograph 5. HQA Site #30. View north from southern end of sampling grid.

Photograph 6. HQA Site #31. View south from road at northern end of sampling grid.

Photograph 7. Mohave ground squirrel trapped at HQA Site #31.

Photograph 8. HQA Site #37. View west from eastern end of sampling grid.

Photograph 9. HQA Site #38. View west from eastern end of sampling grid.

Photograph 10. HQA Site #44. View west from eastern end of sampling grid.

Photograph 11. HQA Site #46. View south from road in approximately middle of sampling grid.

Photograph 12. HQA Site #47. East end of sampling grid showing trap, cover, and ID stake.