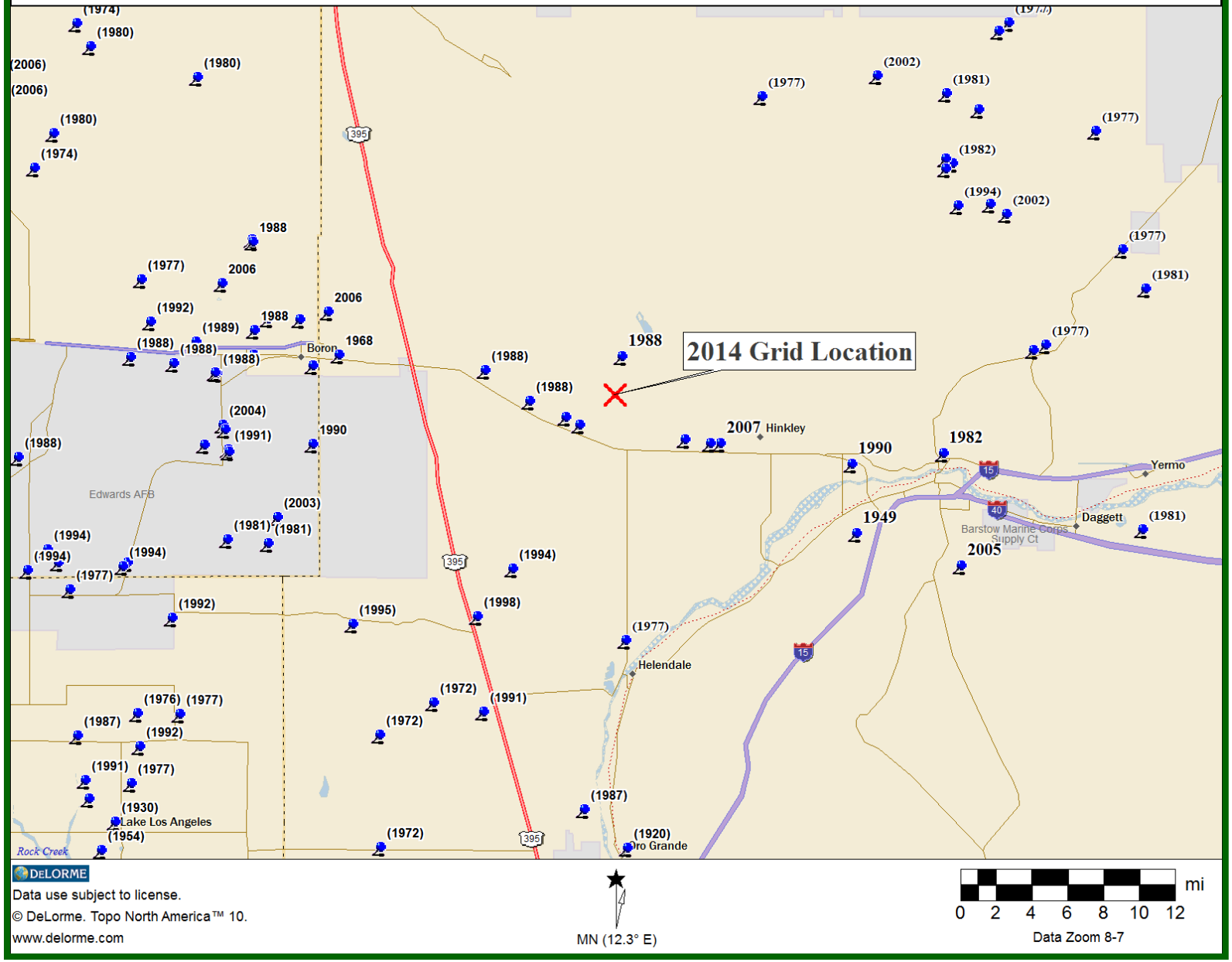
Hinkley 7 & LaRue Camp
5-9 May 2014

Hinkley 7/LaRue Camp Relative to Known MGS Locations



Hinkley 7 Leitner Grid

	New Captures				Recaps
Date	Adu M	Adu F	Juv M	Juv F	
5/5/2014		1			
5/6/2014			1	1	1
5/7/2014			1	4	4
5/8/2014				1	7
5/9/2014					9

9 MGS (≥ 2 family groups?) trapped 30 times

Hinkley 7 Leitner Grid

1 Adult female, 5 Juvenile females, 3 Juvenile males

Date	Sex/Age	Weight (grams)	Tissue #
5/5/2014	F/A	145	1
5/6/2014	M/J	78	2
5/6/2014	F/J	75	3
5/7/2014	F/J	70	5
5/7/2014	M/J	60	6
5/7/2014	F/J	80	8
5/7/2014	F/J	89	9
5/7/2014	F/J	68	10
5/8/2014	M/J	63	13

9 tissue samples taken

LaRue's Camp

	New Captures				Recaps
Date	**Adu M**	**Adu F**	**Juv M**	**Juv F**	
5/7/2014		**1**			
5/7/2014				**1**	
5/7/2014			**1**		
5/8/2014				**2**	**3**
5/9/2014					**1**

5 MGS (very likely 1 family group) trapped 9 times

120g Grid Female

61g Camp Female

LaRue's Camp

1 Adult female, 3 Juvenile females, 1 Juvenile male

Date	Sex/Age	Weight (grams)	Tissue #
5/7/2014	F/A	120	4
5/7/2014	F/J	58	7
5/7/2014	M/J	60	11
5/8/2014	F/J	61	12
5/8/2014	F/J	62	14

5 tissue samples taken

(MGS/RTGS Hybrid thanks to PG&E-funded study)

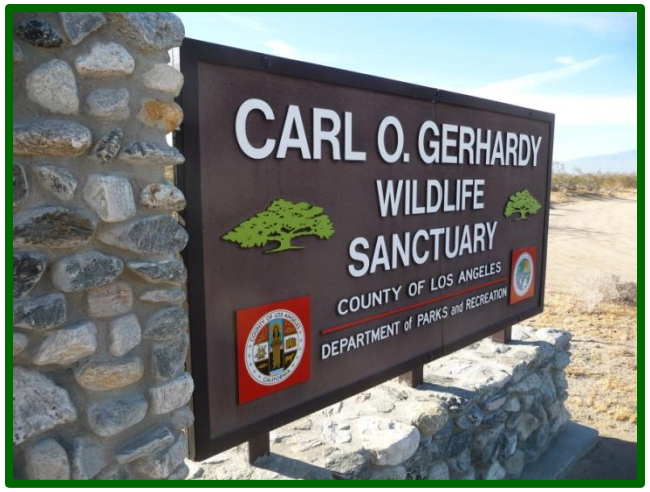
Tissue Sample #14

On 11/14/2014 Phil Leitner describes this 62g, juvenile female, caught on 8 May 2014 in LaRue's camp as follows: "Marjorie M[atocq] felt that it was an MGS backcross, maybe with one pure MGS parent and the other parent perhaps an F1 or F2 hybrid.
So #14 was not an F1 hybrid, but did have some RTGS ancestry."

Summary for Hinkley 7 and LaRue Camp

- 14 MGS captured 39 times
- Suspect at least 3 family groups: 2 on grid? 1 in camp
- 2 post-lactating females: 1 on grid, 1 in camp
- 8 juvenile females, 4 juvenile males
- 14 tissue samples: 9 on grid, 5 in camp

Los Angeles County Parks



Los Angeles County Parks

Phacelia Wildflower Sanctuary Park

Butte Valley Wildflower Sanctuary Park

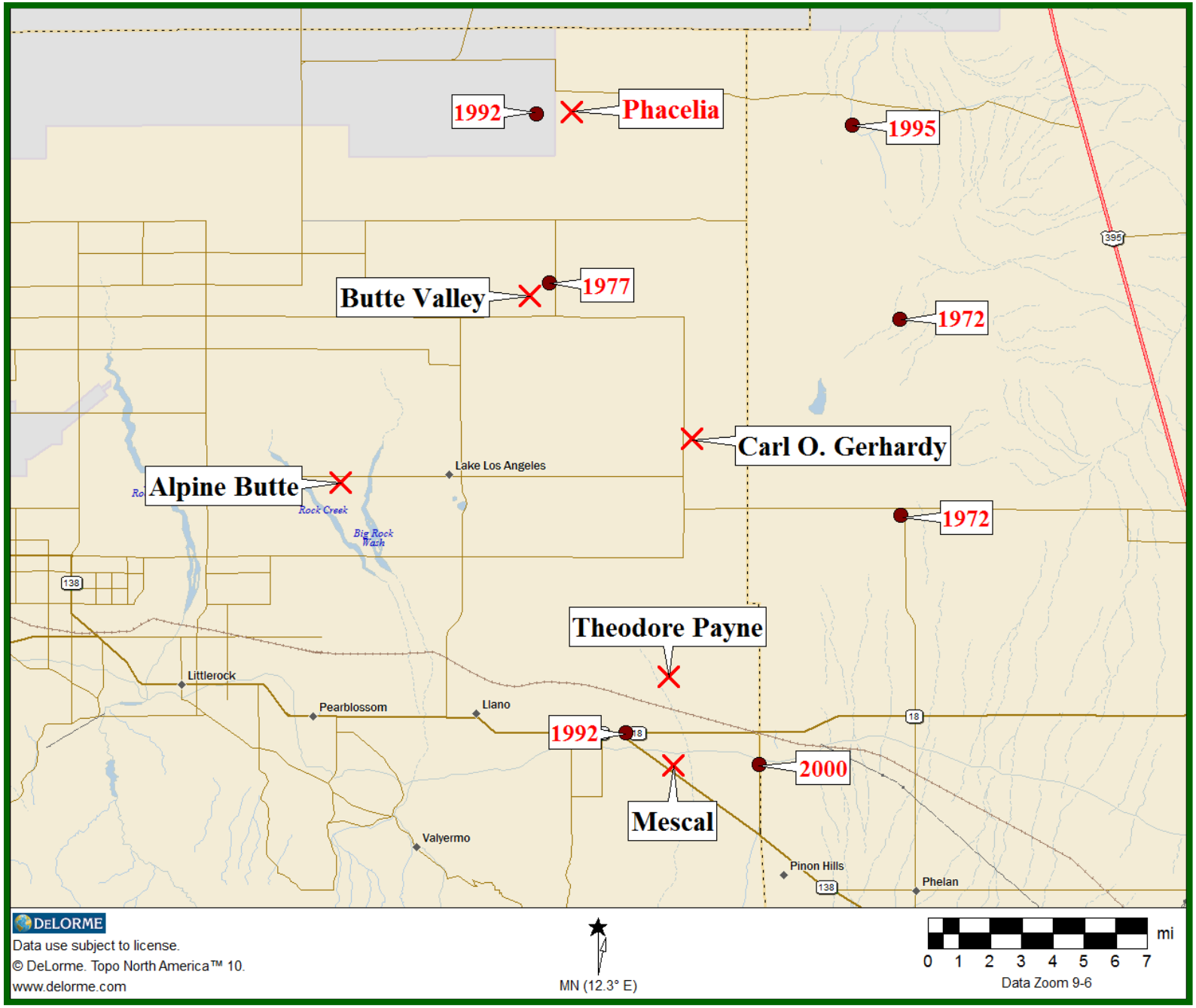
Carl O. Gerhardy Wildlife Sanctuary Park

Alpine Butte Wildlife Sanctuary Park

Mescal Wildlife Sanctuary Park

Theodore Payne Wildlife Sanctuary Park

6 Permits are good for 10 years, 2014-2023


1992
Phacelia
1995
Butte Valley
1977
1972
Carl O. Gerhardy
Alpine Butte
Lake Los Angeles
Rock Creek
Big Rock Wash
1972
Theodore Payne
Littlerock
Pearblossom
Llano
1992
2000
Mescal
Valyermo
Pinon Hills
Phelan
138
18
395
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MN (12.3° E)
0 1 2 3 4 5 6 7
mi
Data Zoom 9-6

Phacelia Wildflower Sanctuary

MGS Trap Grid Lines 2014

490 acres+/-

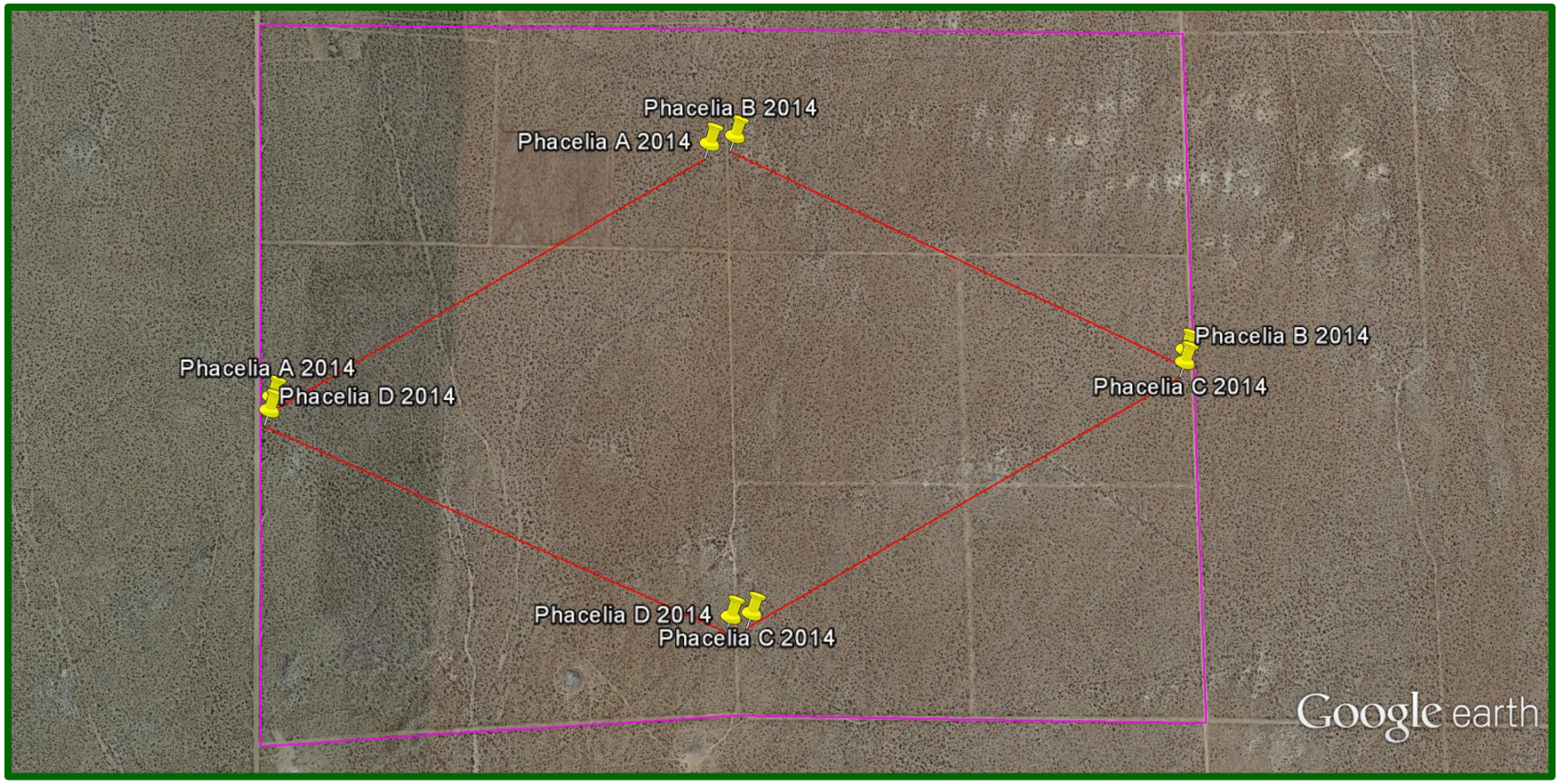
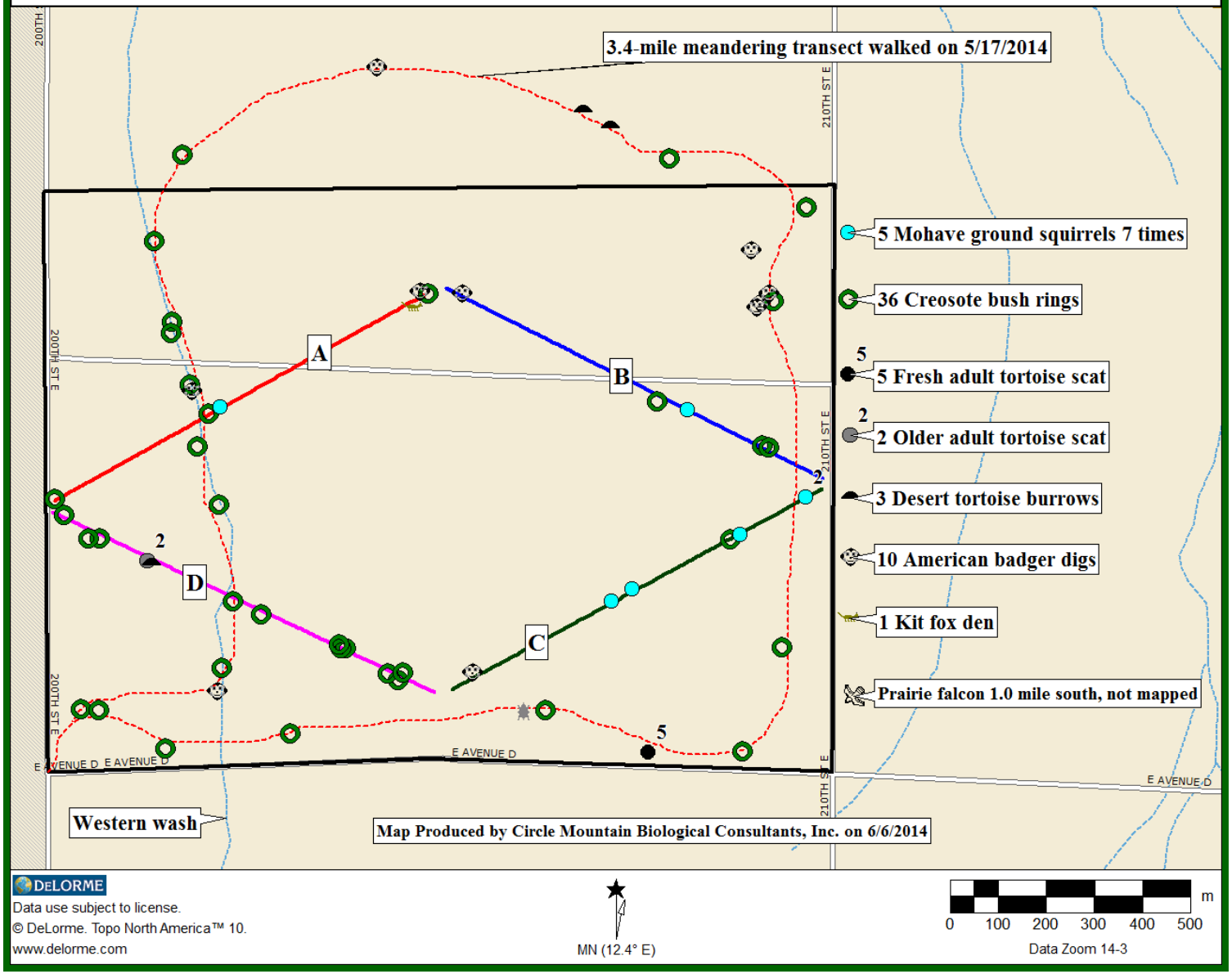


Figure 4. Special Status Species Observed at Phacelia Sanctuary in May 2014



120g Post-lactating Female

100g Juvenile Female

Phacelia 2014 Results: Five MGS Seven Times

Family Group

120g post-lactating adult female
88g juvenile male
101g juvenile female
100g juvenile female

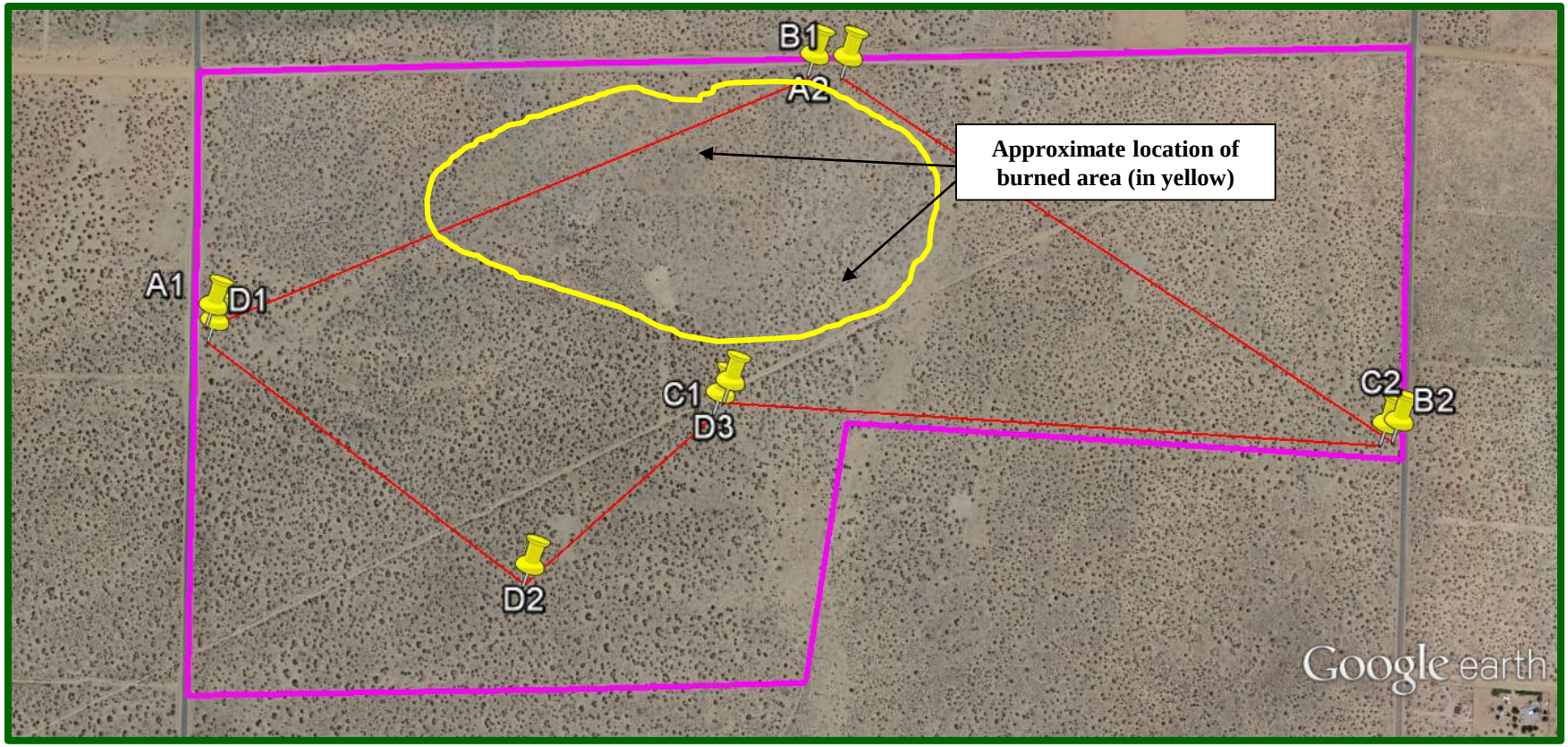
1st-year Animal

120g non-reproductive female

TRAPPING RESULTS FOR MAY 2014									
DATE	TIME	TEMP °F	CAPTURES			Cloud Cover		Wind speed (mi/hr)	
			AGS		Other	AM	PM	AM	PM
5/13/14	0700	66	11	0	1 WWTA	2%	0%	0-5	5-10
	1930	80							
5/14/14	0715	68	11	1 new	1 DSLI	0%	0%	5-10	5-10
	1940	86							
5/15/14	0705	66	3	0	2 WWTA	0%	0%	0-5	0-5
	1040	90+							
5/17/14	0610	68	8	3 new	1 WWTA 1 CAGS	75%	60%	10-15	10-15
	1840	89							
5/19/14	0715	58	7	1 new 2 recaps	0	0%	0%	10-15	15-20
	1745	74							
5 Days	0610 - 1940	58 - 97	40	5 new 2 recaps	4 WWTA 1 DSLI 1 CAGS	0 – 75%	0 – 60%	0-15 mph	0-20 mph

Butte Valley Wildflower Sanctuary

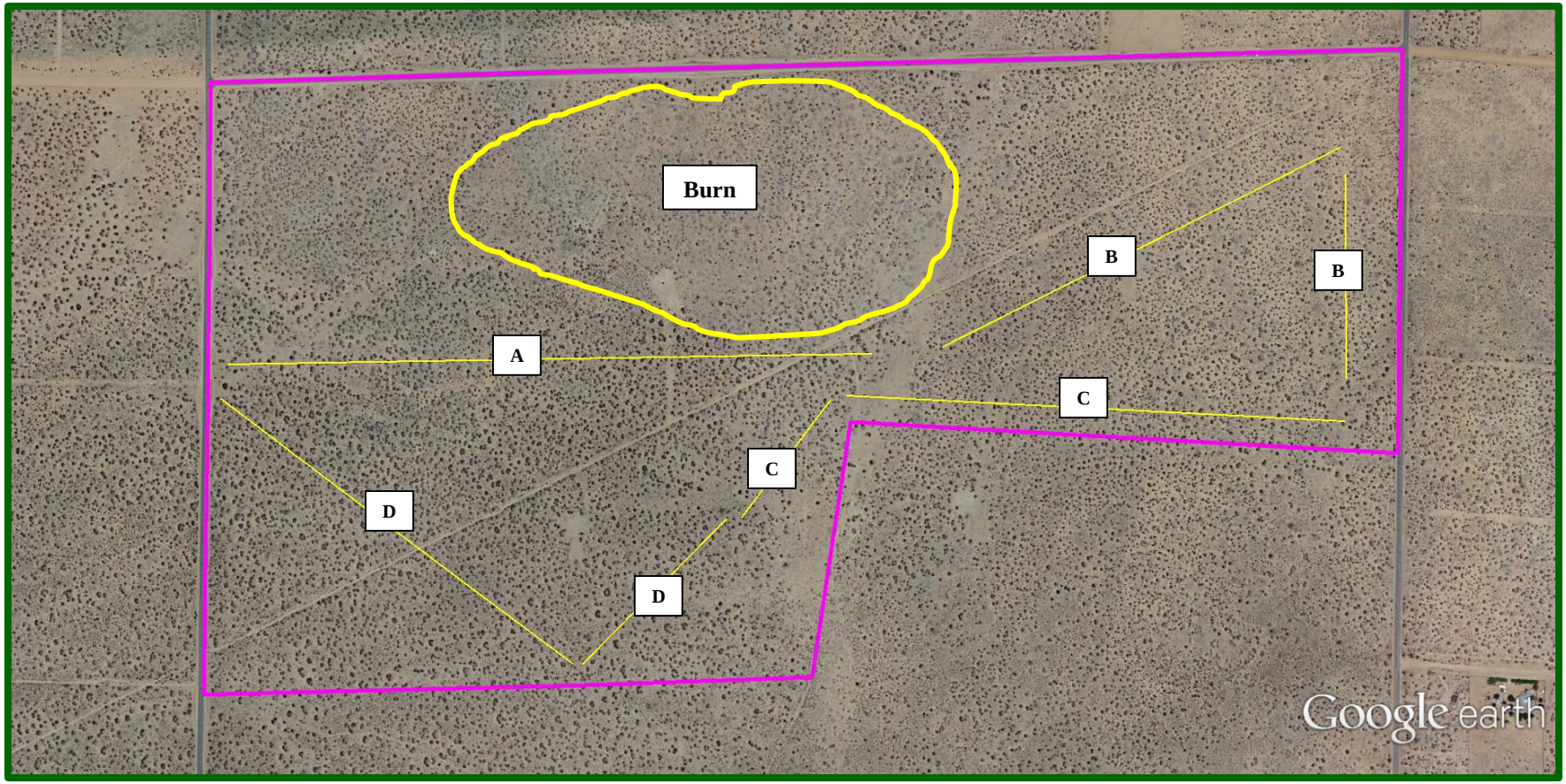
350 acres+/-



Butte Valley 2014 Results: No MGS

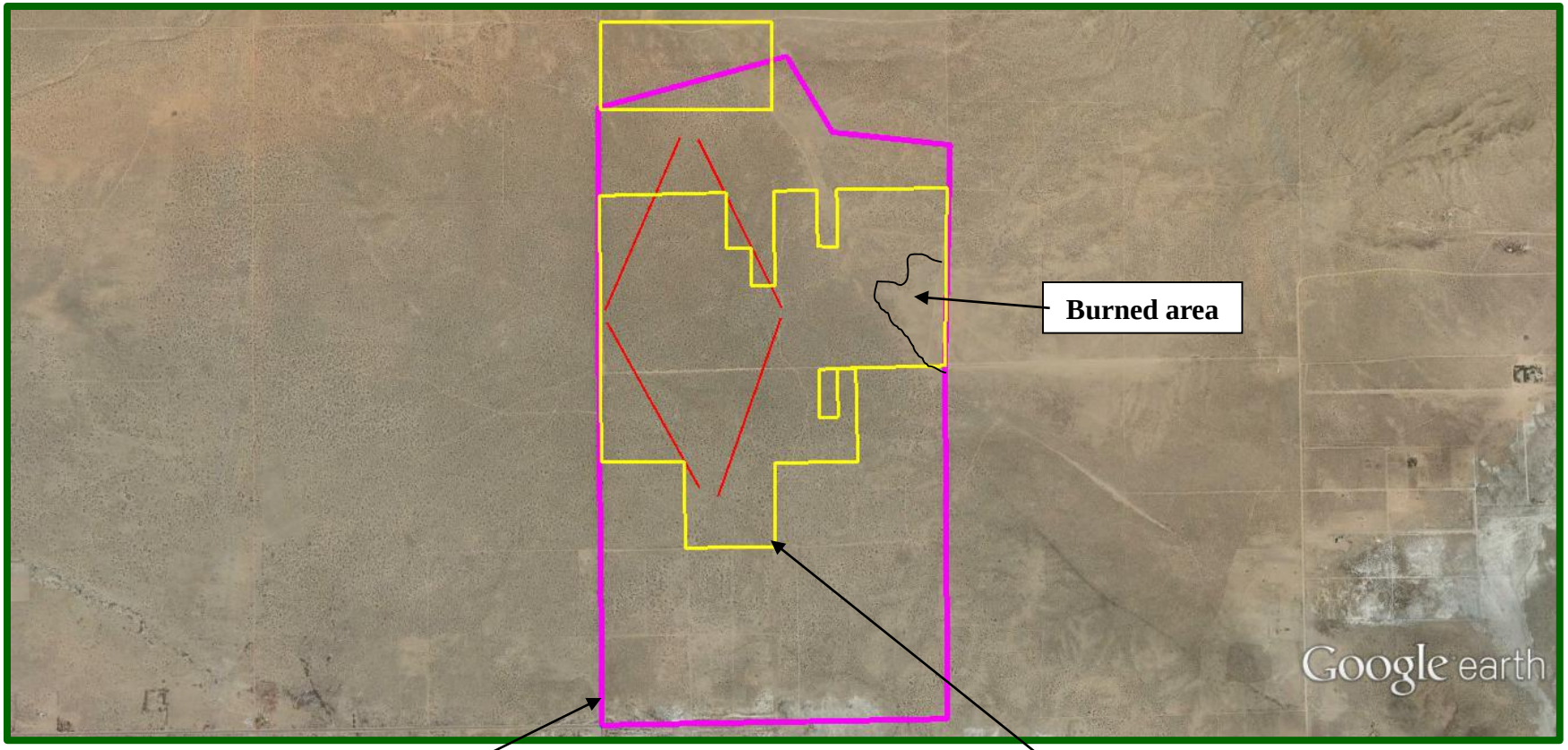
TRAPPING RESULTS FOR MAY 2014									
DATE	TIME	TEMP ˚F	CAPTURES			Cloud Cover		Wind speed (mi/hr)	
			AGS		Other	AM	PM	AM	PM
5/20/14	0700	51	20	0	0	5%	75%	10-15	15-20
	1850	68							
5/21/14	0700	52	19	0	0	95% Rain	70%	10-15	10-15
	1905	72							
5/22/14	0720	58	10	0	1 DSLI	50%	95%	0-5	5-10
	1930	64							
5/23/14	0715	55	8	0	2 CAGS	0%	30% Rain	0-5	10-15
	1845	78							
5/24/14	0700	66	3	0	1 CAWR	75%	50%	5-10	5-10
	1400	90+							
5 Days	-	-	60	0	2 CAGS 1 DSLI 1CAWR	0 – 95%	30 – 95 %	0 – 15 mph	5 – 20 mph

Proposed Grid Reconfiguration



Carl O. Gerhardy Wildlife Sanctuary

547 acres+/-



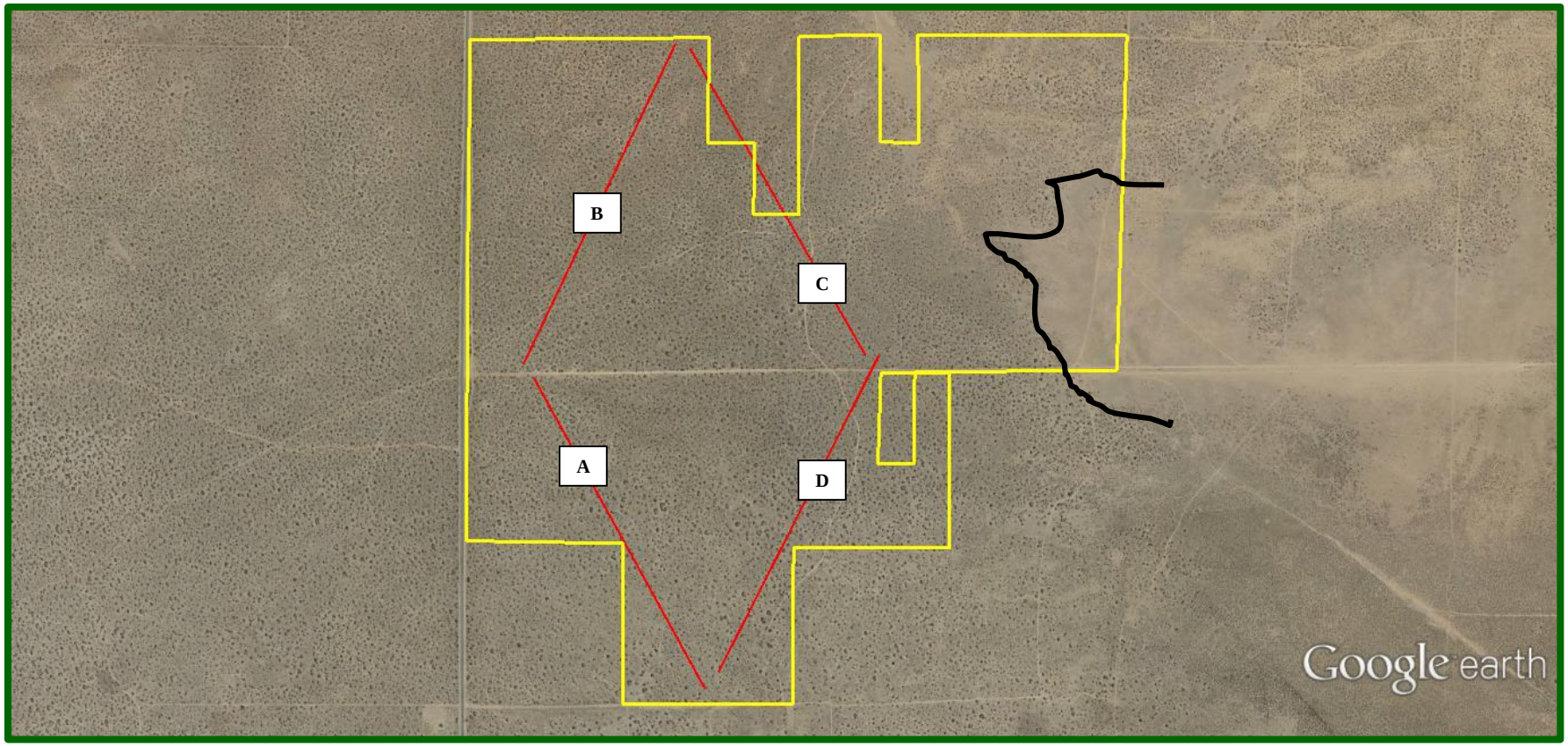
Pink line is shown as Sanctuary on website

Yellow line is actual Sanctuary boundary

Gerhardy 2014 Results: No MGS

DATE	TIME	TEMP ˚F	CAPTURES			Cloud Cover		Wind speed (mi/hr)	
			AGS		Other	AM	PM	AM	PM
6/1/14	0600	56	24	0	1 WWTA	0%	10%	0-5	10-15
	1855	90+							
6/2/14	0600	56	21	0	1 WWTA 1 DSLI	0%	25%	0-5	10-15
	1910	81							
6/3/14	0610	55	21	0	0	0%	0%	0-5	10-15
	1915	84							
6/4/14	0605	52	23	0	0	0%	0%	0-5	5-10
	1640	90+							
6/5/14	0630	64	8	0	1 WWTA	0%	0%	0-5	5-10
	1630	90+							
5 Days	-	-	97	0	3 WWTA 1 DSLI	0%	0 – 25%	0 – 5 mph	5 – 15 mph

Proposed Grid Reconfiguration



What About 2015?

Trap Sites Not Trapped in 2014:

Alpine Butte Wildlife Sanctuary Park

Mescal Wildlife Sanctuary Park

Theodore Payne Wildlife Sanctuary Park

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