

**INITIAL MANAGEMENT EVALUATION REPORT
(IMER)**

For

SOUTHSHORE DONATION PROPERTY



**Prepared by
Natural Resources Management Section
Riverside County Parks**

March, 2008

**Riverside County
Multi-Species Habitat Conservation Plan
Initial Management Evaluation Report
Habitat Management Unit: Menifee**

RESERVE NAME: MEN 1
ACQUISITION NAME: SOUTHSHORE DONATION
PROJECT ID NUMBER: RC21000027

1. SITE PHYSICAL DESCRIPTION

1.A. Site Physical Location & Access:

The Southshore property consists of one 22.81 acre parcel (APN 363-020-010) located near the City of Lake Elsinore. The property is located east of Interstate 15, south of La Strada, west of Summerhill Drive and north of Grunder Drive. The property can be accessed from a dirt road that stems from Franklin Street.

The parcels' general location is:

UTM (NAD-27, meters)	STATE PLAIN (NAD-83, feet)	TOWNSHIP / RANGE (Elsinore Quad)
471919E 3726494N	6241080E 2192554N	NW¼, Sec.4, T6S, R4E

1.B. Acreage:

APN 363-020-010	22.81 Acres
Total	22.81 Acres

1.C. Topography:

The majority of the property is comprised of moderately rolling hills with large rocks and boulders scattered throughout. A small mining hole exists near the middle of the property. Given the topography and size of the site, the majority of the property is accessible.

1.D. Surrounding Land Use:

The area surrounding the Southshore property generally supports natural open-space. The surrounding area includes medium-density housing to the east and an old landfill to the southwest. The surrounding residents participate in OHV activities.

2. BIOLOGICAL ASSESSMENT

2.A. Plant Communities:

The parcel supports a coastal sage scrub plant community, mostly comprised of California buckwheat (*Eriogonum fasciculatum*) and brittlebush (*Encelia fairinosa*).

In disturbed areas, species composition changes to non-native annual grasses (e.g., *Bromus spp.*).

2.B. Likely Animal Species:

Given the natural open-space environment and lack of human encroachment, the likelihood of finding species associated with the present habitat is very high. Potential species could include: coyote (*Canis latrans*), bobcat (*Lynx rufus*), spotted skunk (*Spilogale putorius*), woodrats (*Neotoma spp.*), various field mice (*Peromyscus spp.*), brush rabbit (*Sylvilagus bachmani*), side-blotched lizard (*Uta stansburiana*), western fence lizard (*Sceloporus occidentalis*), southern Pacific rattlesnake (*Crotalus viridis*), and red diamond rattlesnake (*Crotalus ruber*).

2.C. Other Habitat or Wildlife Features:

The Southshore property adds important wildlife habitat to the western section of the County. The presence of significant rock outcrops and large boulders may be considered suitable habitat for several bat species.

2.D. Target Species:

Please see Appendix A for a qualitative checklist of MSHCP target animal species, and Appendix B. for plant species.

3. IMPACTS AND CURRENT CONDITIONS

3.A. Current Uses:

The Southshore property is currently not being used. Evidence of historic mining practices can be found within the property.

3.B. Fencing & Access Controls:

The Southshore property is currently not fenced. Gates and/or fencing will be needed in the future if OHV activity is found to occur within the property.

3.C. Off-Road Vehicle (OHV) Use / Damage:

OHV activity has not been found to occur within the property, but does occur in the immediate area.

3.D. Illegal Dumping:

Illegal dumping has not been found to occur within the property, but does occur in the immediate area.

3.E. Target Shooting & Hunting:

The site is not being used for target shooting or hunting.

3.F. Weed Abatement:

Not required.

3.G. Other Recreational Opportunities and Constraints:

None.

3.H. Special Conditions of Purchase:

None reported.

4. RESTORATION OPPORTUNITIES

4.A. Target Species:

Given the natural state of the site no restoration opportunities exist.

4.B. Multi-Species Aspects:

Given the natural state of the site no restoration opportunities exist.

5. RERSERVE DESIGN AND CONNECTIVITY

5.A. Boundary, Edge and Community Location:

Currently, medium-density housing is found ± 0.50 miles to the east and south of the property. Potential edge effects (e.g., illegal trash dumping) are possible due to the ease of access and proximity to established trails that surround the property. No edge effects are currently found on the Shoutshore property.

5.B. Connectivity:

Collectively, the acquired parcels add to the overall goal of preserving habitat and establishing important links between proposed Core Areas. The Southshore property will help establish Proposed Linkage 8, which will link Proposed Core Area 1, 2 and 3.

5.C. Nearby Existing Reserves:

The North Peak, White Rock, Archer, and Elsinore Lakeview Estates properties are located within a ± 2.50 mile radius of the Southshore property.

Four BLM (Bureau of Land Management) properties and Existing Core E are also located within a ± 2.50 radius of the Southshore property.

5.D. Priority for Future Purchases:

Priority for future purchases should be given to those areas that will most likely be developed in the near future. The areas of most concern are found to the south of the Southshore property, where open-space land is being replaced with housing developments. If priorities are to purchase land in the immediate area, then the parcels between the Southshore property and the Elsinore Lakeview Estates property should be taken into consideration. If purchased, the parcels will establish continuity between the properties and help establish a proportion of Proposed Linkage 8.

6. INTERIM MANAGEMENT

6.A. Public Issues:

Minimal public issues are foreseen but do exist. The majority of the foreseen public issues will have to do with those who are in support of OHV activities on open-space lands. OHV activities have yet to occur within the Southshore property. A conscious effort will need to be made to update those who frequent open-space land to the new rules and regulations imposed by the County.

6.B. Biological Issues:

No biological issues are foreseen.

6.C. Recommended Interim Management Scenario:

- 1) If on-site activity increases, the installation of gates and/or fencing along main roads may be necessary. The boundary should also be signed with a moderately aggressive sign.

- 2) The area should be patrolled initially every week to determine any new impacts and the frequency of visitors. If no significant impacts occur, patrols could be relaxed to once a month.
- 3) Install and maintain fencing, gates and signs as needed.

7. **MAPS** – Appendix C.

8. **SITE PHOTOGRAPHS** – Appendix D.

COMMON NAME	SCIENTIFIC NAME	HABITAT	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
INVERTEBRATES							
RIVERSIDE FAIRY SHRIMP	<i>Streptocephalus woottoni</i>	Vernal Pool	✓				
SANTA ROSA PLATEAU FAIRY SHRIMP	<i>Linderiella santarosae</i>	Vernal Pool	✓				
VERNAL POOL FAIRY SHRIMP	<i>Branchinecta lynchi</i>	Vernal Pool	✓				
INSECTS							
QUINO CHECKERSPOT BUTTERFLY	<i>Euphydryas editha quino</i>	Sage Scrub			✓		
DELHI SANDS FLOWER-LOVING FLY	<i>Rhaphiomidas terminus abdominalis</i>	Delhi Sands	✓				
FISH							
ARROYO CHUB	<i>Gila orcuttii</i>	Aquatic	✓				
SANTA ANA SUCKER	<i>Catostomus santaanae</i>	Aquatic	✓				
AMPHIBIANS							
COAST RANGE NEWT	<i>Taricha torosa tarosa</i>	Riparian / Intermittant Streams		✓			
ARROYO TOAD	<i>Bufo californicus</i>	Riparian / Well-watered Streams	✓				
WESTERN SPADEFOOT TOAD	<i>Scaphiopus hammondi</i>	Temp. Pools / Surrounding Uplands		✓			
CALIFORNIA RED-LEGGED FROG	<i>Rana aurora draytonii</i>	Permanent Streams and Rivers	✓				
MOUNTAIN YELLOW-LEGGED FROG	<i>Rana mucosa</i>	Mountain Streams / Rivers / Lakes	✓				
REPTILES							
WESTERN POND TURTLE	<i>Clemmys marmorata pallida</i>	Aquatic	✓				
SAN DIEGO COAST HORNED LIZARD	<i>Phrynosoma coronatum blainvillii</i>	Sage Scrub / Grasslands				✓	
SOUTHERN SAGEBRUSH LIZARD	<i>Sceloporus graciosus vandenburgianus</i>			✓			
GRANITE SPINY LIZARD	<i>Sceloporus orcuttii</i>	Sage Scrub with Rocks			✓		
GRANITE NIGHT LIZARD	<i>Xantusia henshawi henshawi</i>	Rocky sage scrub & chaparral		✓			
ORANGE-THROATED WHIPTAIL	<i>Cnemidophorus hyperythrus beldingii</i>	Sage Scrub				✓	
SAN DIEGO BANDED GECKO	<i>Coleonyx variegatus abbottii</i>	Sage Scrub / Chaparral		✓			
SAN BERNARDINO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata parviruba</i>	Upper Elev. Chaparral & Mountains		✓			
SAN DIEGO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata pulchra</i>	Upper Elev. Chaparral & Mountains		✓			
SOUTHERN RUBBER BOA	<i>Charina bottae umbratica</i>	Mountains		✓			
NORTHERN RED DIAMOND RATTLESNAKE	<i>Crotalus ruber ruber</i>	Sage Scrub / Chaparral				✓	
BIRDS							
DOUBLE-CRESTED CORMORANT	<i>Phalacrocorax auritus</i>	Aquatic	✓				
AMERICAN BITTERN	<i>Botaurus lentiginosus</i>	Marsh	✓				
GREAT BLUE HERON	<i>Ardea herodias</i>	Waterways & Surrounding Areas	✓				
BLACK-CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>	Waterways & Surrounding Areas	✓				
WHITE-FACED IBIS	<i>Plegadis chihi</i>	Waterways & Surrounding Areas	✓				
MOUNTAIN PLOVER	<i>Charadrius montanus</i>	Waterways & Surrounding Areas	✓				
TURKEY VULTURE	<i>Carthartes aura</i>	Cosmopolitan				✓	
GOLDEN EAGLE	<i>Aquila chrysaetos</i>	Cosmopolitan		✓			
BALD EAGLE	<i>Haliaeetus leucocephalus</i>	Lakes		✓			
WHITE-TAILED KITE	<i>Elanus leucurus</i>	Brushy Grassland		✓			
NORTHERN HARRIER	<i>Circus cyaneus</i>	Brushy Grassland		✓			
SHARP-SHINNED HAWK	<i>Accipiter striatus</i>	Woodlands & Surrounding Areas		✓			
COOPER'S HAWK	<i>Accipiter cooperii</i>	Woodlands & Surrounding Areas		✓			
NORTHERN GOSHAWK	<i>Accipiter gentilis</i>	Mountains	✓				
SWAINSON'S HAWK	<i>Buteo swainsoni</i>	Open Country	✓				
FERRUGINOUS HAWK	<i>Buteo regalis</i>	Open Country			✓		
OSPREY	<i>Pandion haliaetus</i>	Lakes	✓				
MERLIN	<i>Falco columbarius</i>	Open Woods & Surrounding Areas		✓			
PRAIRIE FALCON	<i>Falco mexicanus</i>	Open Country		✓			
PEREGRINE FALCON	<i>Falco peregrinus</i>	Open Country Near Wetlands		✓			
MOUNTAIN QUAIL	<i>Oreortyx pictus</i>	Mountains	✓				
WESTERN YELLOW-BILLED CUCKOO	<i>Coccyzus americanus occidentalis</i>	Riparian	✓				
CALIFORNIA SPOTTED OWL	<i>Stryx occidentalis occidentalis</i>	Mountains	✓				
BURROWING OWL	<i>Athene cucularia hypugaea</i>	Open Country			✓		
BLACK SWIFT	<i>Cypseloides niger</i>	Cliffs Near Water	✓				
WILLIAMSON'S SAPSUCKER	<i>Sphyrapicus thyroideus</i>	Mountains	✓				

DOWNY WOODPECKER	<i>Picoides pubescens</i>	Areas With Trees	✓				
SOUTHWESTERN WILLOW FLYCATCHER	<i>Empidonax traillie extimus</i>	Riparian	✓				
CALIFORNIA HORNED LARK	<i>Eremophila alpestris acta</i>	Open Grasslands & Sage Scrub			✓		
TREE SWALLOW	<i>Tachycineta bicolor</i>	Wooded Areas Near Water	✓				
PURPLE MARTIN	<i>Progne subis</i>	Open Country		✓			
CACTUS WREN	<i>Campylorhynchus brunneicapillus</i>	Sage Scrub With Cactus			✓		
COASTAL CALIFORNIA GNATCATCHER	<i>Poliopitila californica californica</i>	Sage Scrub			✓		
LOGGERHEAD SHRIKE	<i>Lanius lucovicianus</i>	Cosmopolitan			✓		
LEAST BELL'S VIREO	<i>Vireo bellii pusillus</i>	Extensive Riparian	✓				
NASHVILLE WARBLER	<i>Vermivora ruficapilla</i>	Riparian	✓				
YELLOW WARBLER	<i>Dendroica petechia brewsteri</i>	Riparian	✓				
McGILLIVRAY'S WARBLER	<i>Oporornis tolmiei</i>	Riparian	✓				
WILSON'S WARBLER	<i>Wilsonia pusilla</i>	Riparian	✓				
YELLOW-BREASTED CHAT	<i>Icteria virens</i>	Riparian	✓				
GRASSHOPPER SPARROW	<i>Ammodramus savannarum</i>	Grasslands		✓			
BELL'S SAGE SPARROW	<i>Amphispiza belli belli</i>	Chaparral		✓			
SO. CAL. RUFOUS-CROWNED SPARROW	<i>Aimophila ruficeps canescens</i>	Sage Scrub / Chaparral Slopes			✓		
LINCOLN'S SPARROW	<i>Melospiza lincolni</i>	Mountain Bogs & Meadows	✓				
TRICOLORED BLACKBIRD	<i>Agelaius tricolor</i>	Marsh	✓				
MAMMALS							
BOBCAT	<i>Lynx rufus</i>	Cosmopolitan				✓	
MOUNTAIN LION	<i>Felis concolor</i>	Remote Mountainous Areas			✓		
LONG-TAILED WEASEL	<i>Mustela frenata</i>	Open Country			✓		
COYOTE	<i>Canis latrans</i>	Cosmopolitan					✓
BRUSH RABBIT	<i>Sylvilagus bachmani</i>	Chaparral				✓	
SAN DIEGO BLACK-TAILED JACKRABBIT	<i>Lepus californicus bennettii</i>	Open Country			✓		
LOS ANGELES POCKET MOUSE	<i>Perognathus longimembris breviansus</i>	Streambeds & Sandy Areas			✓		
NORTHWESTERN SAN DIEGO POCKET MOUSE	<i>Chaetodipus fallax fallax</i>	Sage Scrub / Chaparral				✓	
AGUNAGA KANGAROO RAT	<i>Dipodomys merriami collinus</i>	Sandy Areas Near Aguanga		✓			
SAN BERNARDINO KANGAROO RAT	<i>Dipodomys merriami parvus</i>	Sandy Areas / San Jacinto River			✓		
DELZURA KANGAROO RAT	<i>Dipodomys simulans</i>	Sage Scrub / Chaparral			✓		
STEPHENS' KANGAROO RAT	<i>Dipodomys stephensi</i>	Open Country			✓		
SAN DIEGO DESERT WOODRAT	<i>Neotoma lepida intermedia</i>	Sage Scrub / Chaparral					✓
SAN BERNARDINO FLYING SQUIRREL	<i>Glaucomys sabrinus californicus</i>	Mountains	✓				

APPENDIX B.
Target Plant Species

COMMON NAME	SCIENTIFIC NAME	HABITAT(S)	GENERAL LOCATIONS	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
beautiful hulsea	<i>Hulsea vestita</i> var. <i>callicarpa</i>	Mid-level mountains	SJMTS	✓				
Brand's phacelia	<i>Phacelia stellaris</i>	Sandy benches	SARIV		✓			
California beardtongue	<i>Penstemon californicus</i>	Mid-level mountains	SJMTS, DVA, SRP		✓			
California bedstraw	<i>Galium californicum</i> var. <i>primum</i>	Upper elevation chaparral	SJMTS, DVA, San Timoteo			✓		
California black walnut	<i>Juglans californica</i> var. <i>californica</i>	Streams	SRP, Pedley		✓			
California muhly	<i>Muhlenbergia californica</i>	Riparian / seeps	Sage area, Prado area, GAV, TEM		✓			
California Orcutt grass	<i>Orcuttia californica</i>	Vernal pools	SALT, SRP, SKUNK	✓				
chickweed oxytheca	<i>Oxytheca caryophylloides</i>	Mountains	SJMTS		✓			
Cleveland's bush monkeyflower	<i>Mimulus clevelandii</i>	Upper elevation chaparral	SAMTS			✓		
cliff cinquefoil	<i>Potentilla rimicola</i>	High elevation rocks	SJMTS		✓			
Coulter's goldfields	<i>Lasthenia glabrata</i> var. <i>coulteri</i>	Alkali vernal plains	SJVAL, Perris Valley, Nichols Rd.	✓				
Coulter's matilija poppy	<i>Romneya coulteri</i>	Dry washes and canyons	GAV, TEM			✓		
Davidson's saltscale	<i>Atriplex sereana</i> var. <i>davidsonii</i>	Alkali vernal plains and pools	SJVAL, Perris Valley, Nichols Rd.	✓				
Englemann oak	<i>Quercus engelmannii</i>	Mesic fans and slopes	SRP, SAMTS, GAV		✓			
Fish's mildwort	<i>Polygala cornuta</i> var. <i>fishiae</i>	Oak riparian woodlands	SRP, SAMTS, Temecula area		✓			
graceful tarplant	<i>Holocarpa virgata</i> <i>elongata</i>	Level grasslands and shrublands	SRP		✓			
Hall's monardella	<i>Monardella macrantha</i> var. <i>hallii</i>	Mountain foothills, dry slopes, ridges	SAMTS, Pine Cove area			✓		
Hammitt's clay-cress	<i>Sibaropsis hammittii</i>	Clay grasslands	SAMTS		✓			
heart-leaved pitcher plant	<i>Lepechinia cardiophylla</i>	Forests	SAMTS	✓				
intermediate mariposa lily	<i>Calochortus weedii</i> var. <i>intermedius</i>	Dry rocky slopes in SS / CHAP, burned areas	SAMTS, DVA, VAIL			✓		
Jaegar's milk-vetch	<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Dry areas	VAIL, Agunaga area, Protrero area			✓		
Johnston's rock cress	<i>Arabis johnstonii</i>	Upper elevation chaparral, forests	SJMTS		✓			
lemon lily	<i>Lilium parryi</i>	Mountain wet places	SJMTS		✓			
little mousetail	<i>Myosaurus minimum</i> <i>apus</i>	Vernal pools, alkali sinks	SALT, SRP, GAV, MARB		✓			
long-spined spine flower	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Rocky clay soils	GAV, TEM, SAMTS, SRP		✓			
many-stemmed dudleya	<i>Dudleya multicaulis</i>	Rocky clay soils, outcrops	GAV, TEM			✓		
Mojave tarplant	<i>Deinandra</i> [<i>Hemizonia</i>] <i>mohavensis</i>	Clay or silty streams	SJMTS and foothills		✓			
mud nama	<i>Nama stenocarpum</i>	Marshes	SJRIV near Gilman	✓				
Munz's mariposa lily	<i>Calochortus palmeri</i> var. <i>munzii</i>	Mountains, chaparral	SJMTS			✓		
Munz's onion	<i>Allium munzii</i>	Clay soils in SS / CHAP / Grasslands	GAV, TEM, SAMTS, SKUNK, SKIN			✓		
Nevin's barberry	<i>Berberis nevinii</i>	Course soils in chaparral	Varies			✓		
ocellated Humboldt lily	<i>Lilium humboldtii</i> <i>ocellatum</i>	Mountain riparian	SAMTS, Palomar Mts.		✓			
Orcutt's brodiaea	<i>Brodiaea orcuttii</i>	Mesic grasslands and pools	SRP		✓			
Palmer's grapplehook	<i>Harpagonella palmeri</i>	Clay soils in SS / CHAP / Grasslands	varies			✓		
Palomar monkeyflower	<i>Mimulus diffusus</i>	Sandy soils in upper elev. CHAP, forests	SAMTS, SJMTS			✓		
Parish's brittlescale	<i>Atriplex parishii</i>	Alkaine soils	SALT, lower SJRIV		✓			
Parish's meadowfoam	<i>Limnanthes gracilis</i> var. <i>parishii</i>	Ephemeral wetlands	SRP	✓				

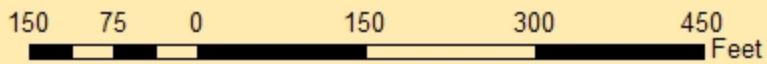
APPENDIX B.
Target Plant Species

Parry's spine flower	<i>Chorizanthe parryi</i> var. <i>parryi</i>	Alluvial scrub	Varies		✓		
Payson'r jewelflower	<i>Caulanthus simulans</i>	Pinyon-Juniper, chaparral, sage scrub	Agunaga area			✓	
peninsular spine flower	<i>Chorizanthe leptotheca</i>	Dry open areas	Varies			✓	
Plummer's mariposa lily	<i>Calochortus plummerae</i>	Varies	SJMTS, Jurupa Hills			✓	
prostrate navarretia	<i>Navarretia prostrata</i>	Sage scrub, vernal pools, grasslands	SRP			✓	
prostrate spine flower	<i>Chorizanthe procumbrens</i>	Sandy openings in CHAP / SS	SAMTS			✓	
Rainbow manzanita	<i>Arctostaphylos rainbowensis</i>	Iron rich soils in chaparral	SRP, GAV, TEM, Wildomar area			✓	
round-leaved filaree	<i>Erodium macrophyllum</i>	Grasslands	GAV, DVA, TEM		✓		
San Diego ambrosia	<i>Ambrosia pumila</i>	Grasslands	Alberhill, Lake Street, SKUNK		✓		
San Diego button-celery	<i>Eryngium aristulatum</i> var. <i>parishii</i>	Vernal pools	SRP	✓			
San Jacinto Mountains bedstraw	<i>Galium angustifolium jacinticum</i>	Forests	SJMTS	✓			
San Jacinto Valley crownscale	<i>Atriplex coronatum</i> var. <i>notatior</i>	Floodplains	MYSTIC, SALT	✓			
San Miguel savory	<i>Satureja chandleri</i>	Varies	SRP			✓	
Santa Ana River woollystar	<i>Eriastrum densifolium sanctorum</i>	Alluvial scrub (immature)	SARIV		✓		
shaggy-haired alumroot	<i>Heuchera hirsutissima</i>	Forests	SJMTS	✓			
slender-horned spine flower	<i>Dodecahema leptoceras</i>	Alluvial scrub (mature)	Indian Creek, VAIL area		✓		
small-flowered microserius	<i>Microserius douglasii</i> var. <i>platycarpa</i>	Clay foothills and grasslands	SRP, Bachelor Mt. area		✓		
small-flowered morning-glory	<i>Convolvulus simulans</i>	Clay and serpentine soils in grasslands	Varies		✓		
smooth tarplant	<i>Centromadia pungens</i> (<i>Hemizonia pungens laevis</i>)	Varies	Varies			✓	
spreading navarretia	<i>Navarretia fossalis</i>	Vernal pools and ditches	SALT, SJRIV	✓			
sticky-leaved dudleya	<i>Dudleya viscida</i>	Rocky canyon slopes	SAMTS		✓		
thread-leaved brodiaea	<i>Brodiaea filifolia</i>	Alkali pools, mesic grasslands	SJRIV, SALT, SRP	✓			
Vail Lake ceanothus	<i>Ceanothus ophiochilus</i>	Dry ridgetops in chaparral	VAIL area			✓	
vernal barley	<i>Hordeum intercedens</i>	Vernal pools and mesic grasslands	SALT, SJRIV	✓			
Wright's trichocoronis	<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Alkali vernal pools and flats	SJRIV, MYSTIC	✓			
Yucaipa onion	<i>Allium marvinii</i>	Clay soils in chaparral	Beaumont area			✓	

**APPENDIX C - SITE MAP
SOUTHSHORE PROPERTY
RC21000027**



PROPERTY BOUNDARY



APPENDIX D.



On road near southeast corner looking northwest.



Western border looking east.

APPENDIX D.



Western border looking north.



Western border looking north.