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6 June 2003

3738-12

Mr. Greg Milleman  
Valencia Water Company  
24631 Avenue Rockefeller  
Valencia, CA 91355

**Subject:      *Survey Results for Sensitive Plant Species Within  
Water Well 206***

Dear Greg:

The purpose of this report is to document the results of surveys for sensitive plant species within the 0.8-acre site proposed for Water Well 206. The study area is located in an unincorporated portion of the Santa Clara River Valley in northwestern Los Angeles County (*Figure 1*). The site lies roughly in the southwest corner of the junction of Interstate 5 (I-5) and State Route 126 (SR-126) (*Figure 2*). The northwestern edge of the City of Santa Clarita is located east of I-5 from the study area. The site is located adjacent to the staff parking lot for the Magic Mountain Entertainment site (*Figure 3*). The site is entirely on a small alluvial fan on the eastern edge of Airport Mesa at the southern edge of the Santa Clara River floodplain. The terrain slopes gently to the northeast with an old watering pond and dam onsite. It is dominated by non-native grasses and weeds, but does contain some native vegetation.

## **Methods**

The survey focused on the identification and location of populations of the state-listed endangered San Fernando Valley spineflower (*Chorizanthe parryi* var. *fernandina*; SFVS), with all other plant species observed during the survey being recorded.

The survey was conducted by DUDEK staff biologist Mark A. Elvin on April 10, 2003. The survey was conducted on-foot and took approximately one hour. Nearby reference populations of SFVS were observed that week in order to refresh the surveyor's search-image prior to conducting surveys of the project site.

All plant species encountered during the field surveys were identified and recorded for inclusion in Appendix A. Latin and common names of plants follow The Jepson Manual (Hickman 1993) or other recent published taxonomic treatments. Where not listed in

Mr. Greg Milleman

Re: Survey Results for Sensitive Plant Species Within Water Well 206

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Hickman (1993), common names were taken from Abrams (1923). Where not found in this reference, a variety of sources were used (e.g., Dale 1986, Roberts 1998).

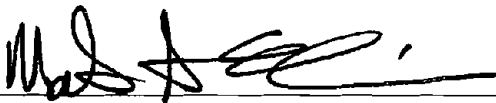
## Results

At least 24 plant species were identified within the Water Well Site 206 study area. Of these, 8 species (33 percent) are native to the region and 16 species (67 percent) are non-native. The list of plant species identified within the study area in 2003 is provided as Appendix A.

No SFVS individuals were observed during the survey. No other sensitive plants were observed during the survey. All field notes are available upon request.

Very truly yours,

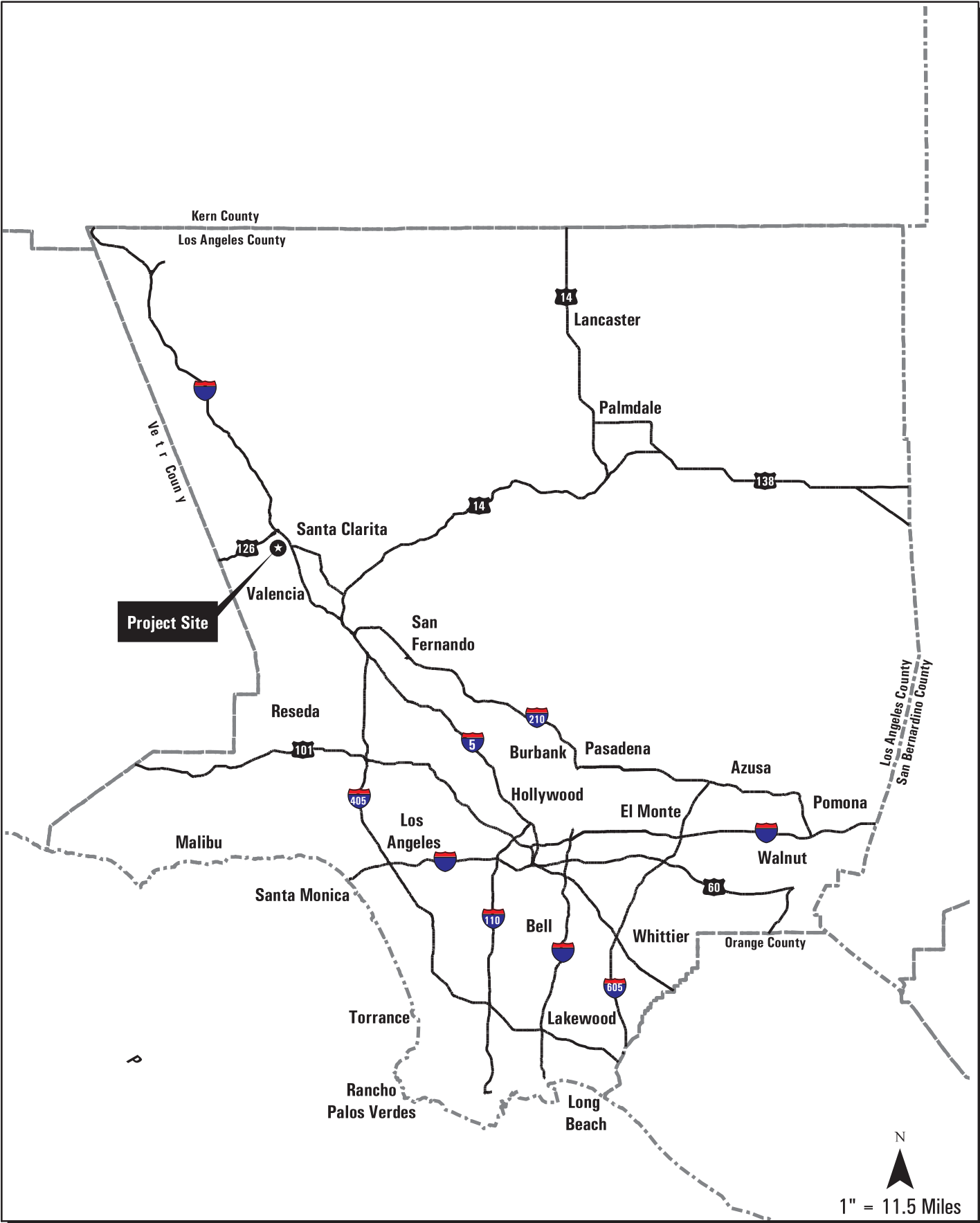
**DUDEK & ASSOCIATES, INC.**



Mark Elvin  
Senior Botanist

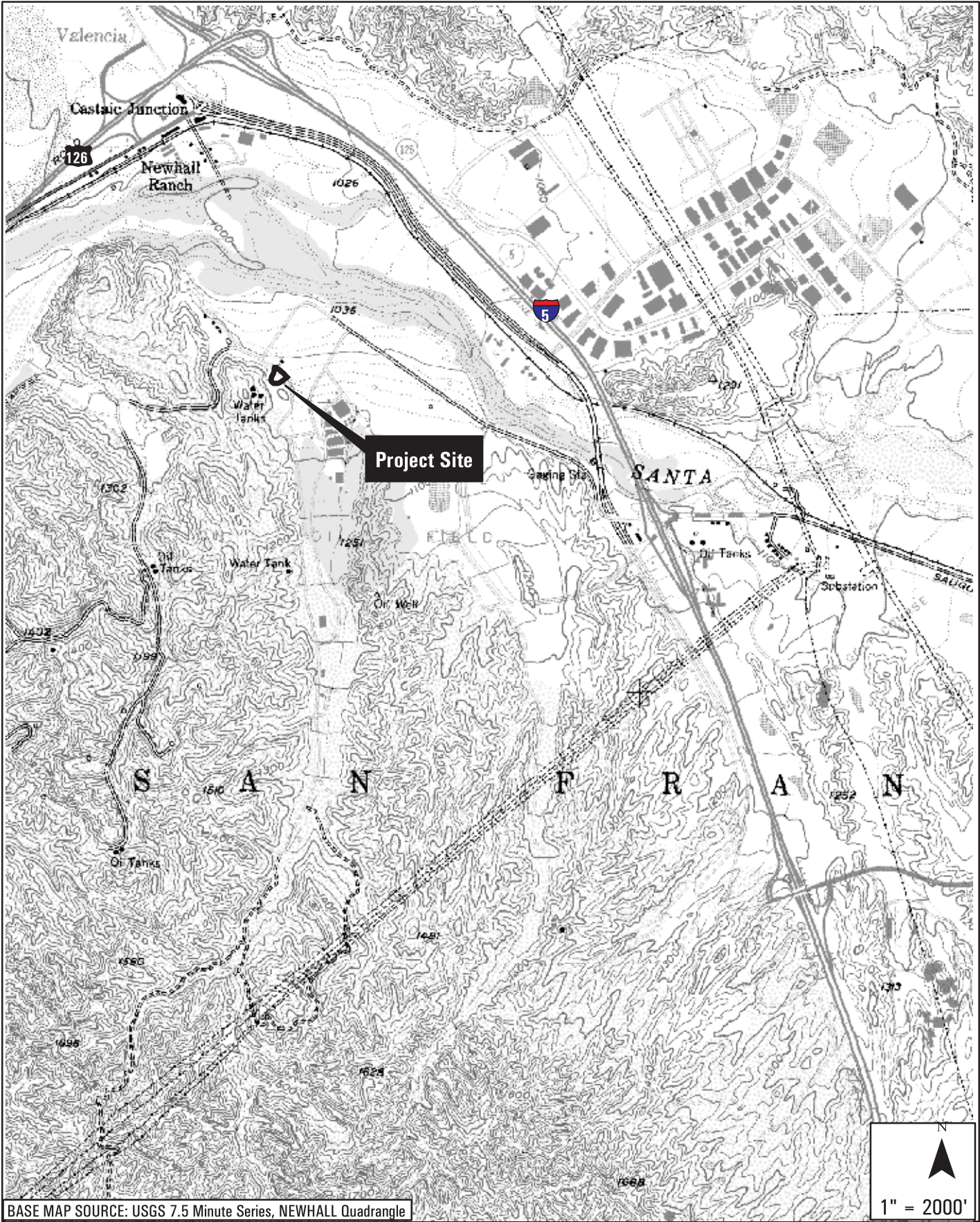
Att: *Figures 1 through 3*

cc: *Mark Subboin, Newhall Land and Farming*  
*Cris Perez, Newhall Land and Farming*  
*Sherri Miller, Dudek & Associates*



Water Well Site 206  
**Regional Map**

**FIGURE**  
**1**



Water Well Site 206  
Vicinity Map

FIGURE  
2





TOPO and AERIAL SOURCE: Psomas Engineering, 2002

Water Well Site 206  
**Aerial Image with Project Boundary**

**FIGURE**  
**3**

# APPENDIX A

## Vascular Plant Species

### ANGIOSPERMAE (DICOTYLEDONES)

#### AMARANTHACEAE - AMARANTH FAMILY

- \* *Amaranthus albus* - tumbleweed

#### ASTERACEAE - SUNFLOWER FAMILY

- Ambrosia confertifolia* - weak-leaved burweed
- \* *Centaurea melitensis* - star thistle
- \* *Lactuca serriola* - prickly lettuce
- \* *Sonchus oleraceus* - common sow-thistle
- Uropappus lindleyi* - silver puffs

#### BORAGINACEAE - BORAGE FAMILY

- Amsinckia menziesii* - yellow fiddleneck

#### BRASSICACEAE - MUSTARD FAMILY

- \* *Hirschfeldia incana* - short-podded mustard
- \* *Sisymbrium orientale* - Oriental mustard

#### CAPRIFOLIACEAE - HONEYSUCKLE FAMILY

- Sambucus mexicana* - Mexican elderberry

#### CHENOPODIACEAE - GOOSEFOOT FAMILY

- Atriplex suberecta* - Australian saltbush
- Chenopodium berlandieri* - pitseed goosefoot
- \* *Salsola tragus* - Russian-thistle

#### CRASSULACEAE - STONECROP FAMILY

- Crassula connata* - dwarf stonecrop

#### FABACEAE - PEA FAMILY

- Lotus salsuginosus* - coastal lotus
- \* *Medicago polymorpha* - California burclover

## APPENDIX A (Continued)

### GERANIACEAE - GERANIUM FAMILY

- \* *Erodium cicutarium* - red-stemmed filaree
- \* *Erodium moschatum* - white-stemmed filaree

### LAMIACEAE - MINT FAMILY

- \* *Marrubium vulgare* - horehound

### MALVACEAE - MALLOW FAMILY

- \* *Malva parviflora* - cheeseweed

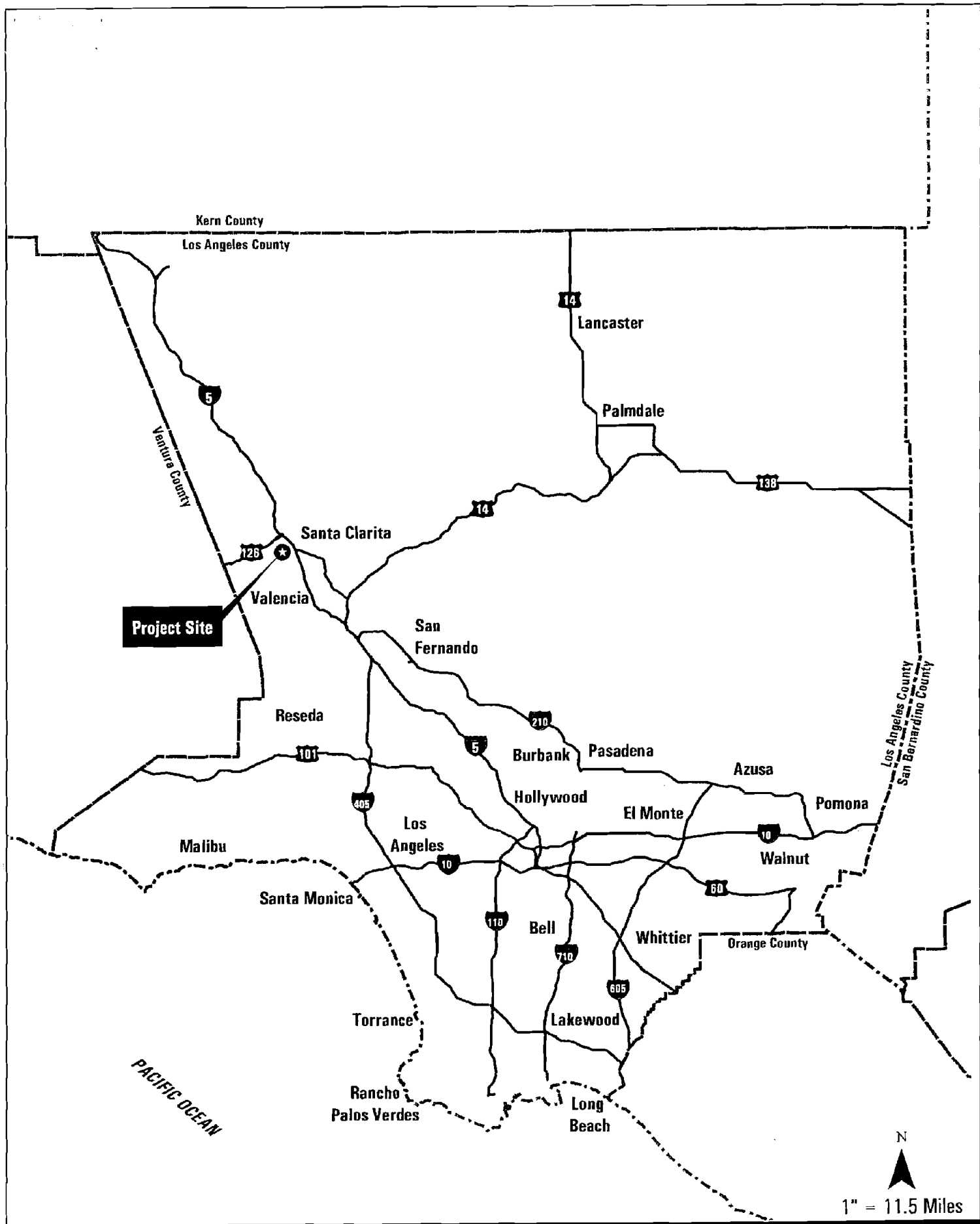
### ANGIOSPERMAE (MONOCOTYLEDONES)

### POACEAE - GRASS FAMILY

- \* *Bromus diandrus* - ripgut grass
- \* *Bromus madritensis* ssp. *rubens* - foxtail chess
- \* *Bromus tectorum* - cheat grass
- \* *Hordeum murinum* - glaucous foxtail barley

- \* signifies introduced (non-native) species

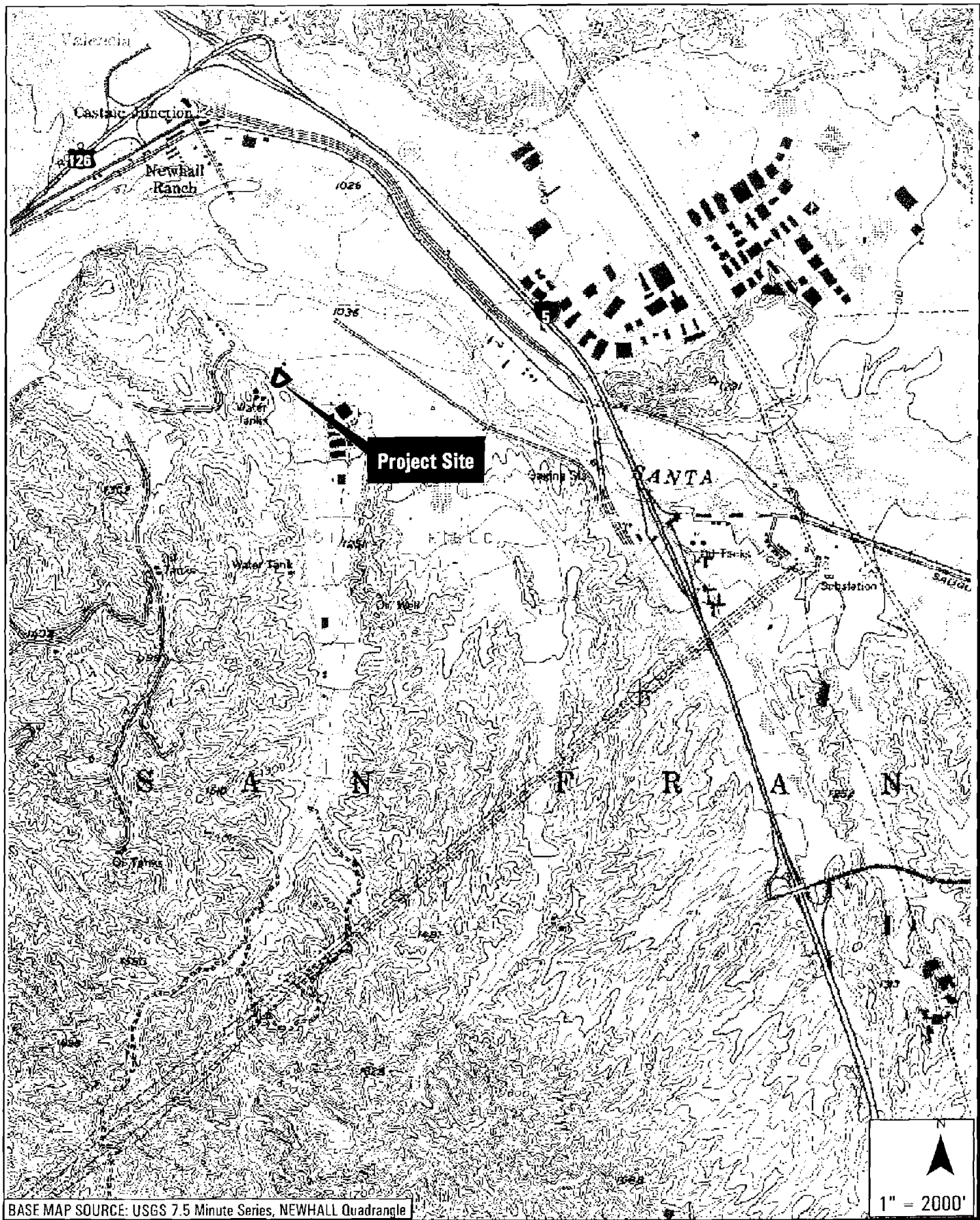




Water Well Site 206  
Regional Map

FIGURE

1



## Water Well Site 206

### Vicinity Map



Water Well Site 206  
Aerial Image with Project Boundary

FIGURE  
3