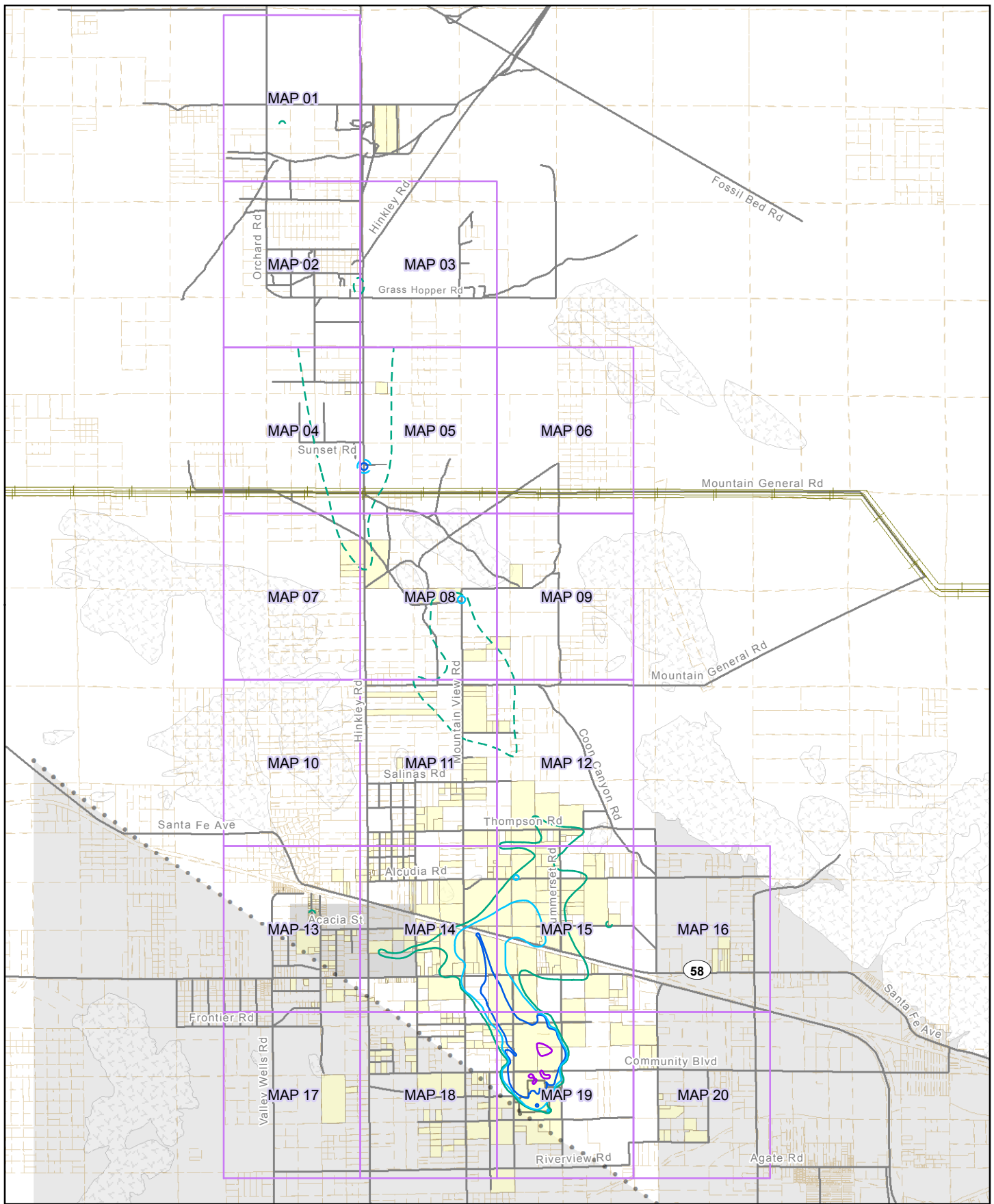


 Map Grid

Map Grid Index

LEGEND:

- Groundwater monitoring well
- Agricultural supply well
- ⊕ Domestic supply well
- Other supply well
- Groundwater extraction well (active)
- ⊞ Multiuse test well, or inactive extraction/injection well
- ◆ Freshwater injection well
- PG&E-owned property
- PG&E Compressor Station
- County parcels
- Transmission lines
- Approximate limit of saturated alluvium upper aquifer (Dashed where inferred)
- ... Approximate location of Lockhart Fault; fault trace is inferred, and there is no surface expression (Stamos et al., 2001)
- Bedrock exposed at ground surface
- See Footnote 3.
- Approximate 10 µg/L outline of Cr(VI) or Cr(T) concentrations in Upper Aquifer, Second Quarter 2014
- Approximate outline of Cr(VI) or Cr(T) in Upper Aquifer exceeding values of 3.1 and 3.2 µg/L, respectively, Second Quarter 2014
- Approximate 50 µg/L outline of Cr(VI) or Cr(T) concentrations in Upper Aquifer, Second Quarter 2014
- Approximate 1,000 µg/L outline of Cr(VI) or Cr(T) concentrations in Upper Aquifer, Second Quarter 2014

MW-77S Well ID

0.87/ND Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2014 sampling.

ABBREVIATIONS:

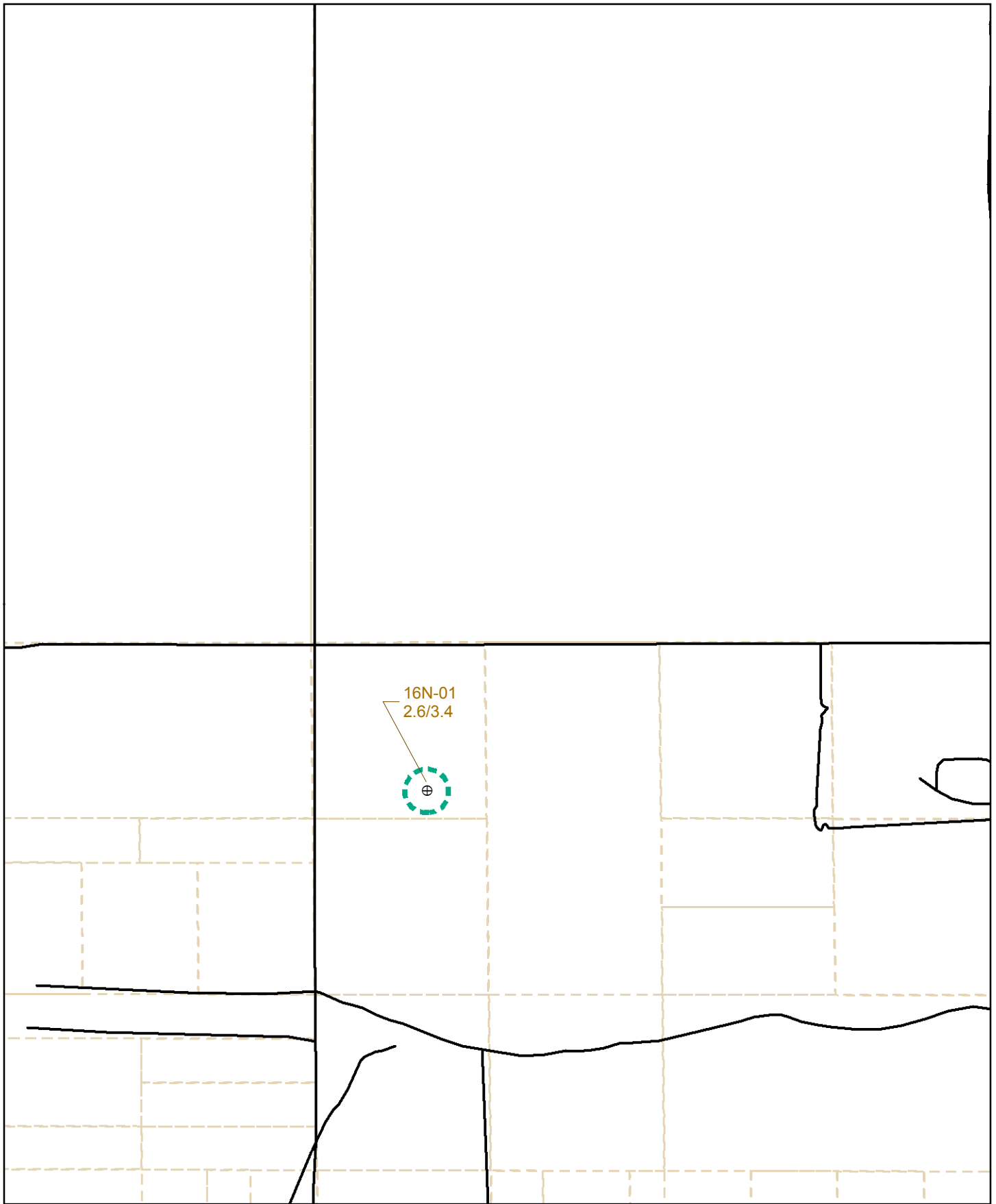
- µg/L micrograms per liter
- Cr(VI) hexavalent chromium
- Cr(T) total dissolved chromium
- IRZ In Situ Reactive Zone
- ND not detected
- NS not sampled

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

NOTES:

1. Chromium results are shown for site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2014 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
2. The concentration contours are based on Second Quarter 2014 chromium results for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on Figures 5-1 and 5-2. Results for domestic wells (brown-colored labels) were not used for chromium plume contouring except for those located north of Grasshopper Road, pursuant to the Lahontan Regional Water Quality Control Board's Letter Conditional Acceptance of Northern Areas Investigation Proposal dated February 26, 2014. The 3.1/3.2 ug/L contour is shown as "---?---" where inferred and cannot be fully delineated by Second Quarter 2014 monitoring data.
3. Pursuant to the Lahontan Regional Water Quality Control Board's letter *Review of Chromium Plume Maps, Third Quarter 2013 Groundwater Monitoring Report and Agreement with Northern Investigation Concept* dated December 12, 2013, groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.
4. Chromium plume contouring for concentrations of 10, 50 and 1000 ug/L are completed using the more robust dataset presented in the July 15, 2014 Second Quarter 2014 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects and represent a composite of the shallow and deep zone contours presented therein. Select wells from that program are shown here for reference.

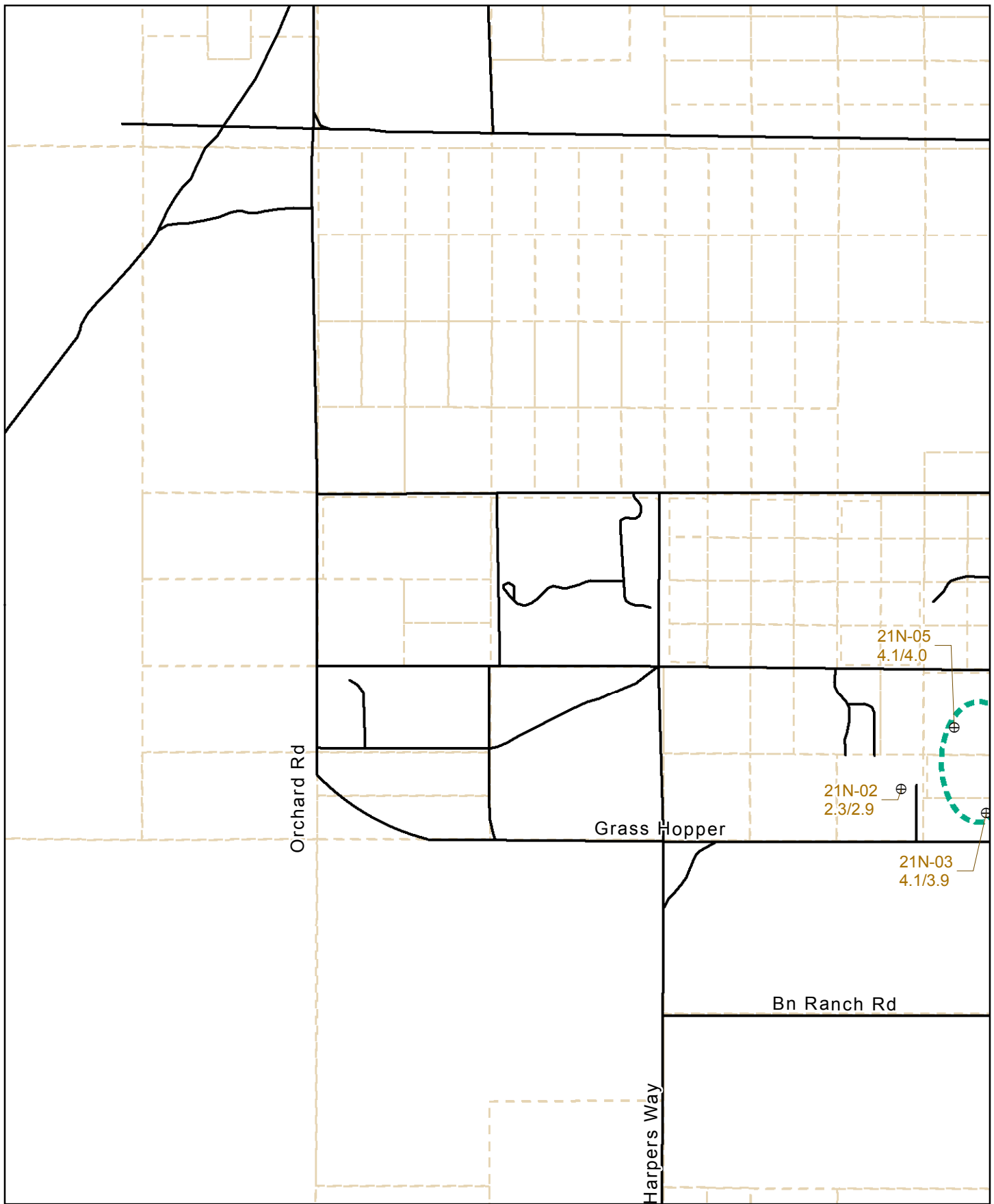


**See Legend Figure for
Feature Descriptions**

0 1,500
Feet



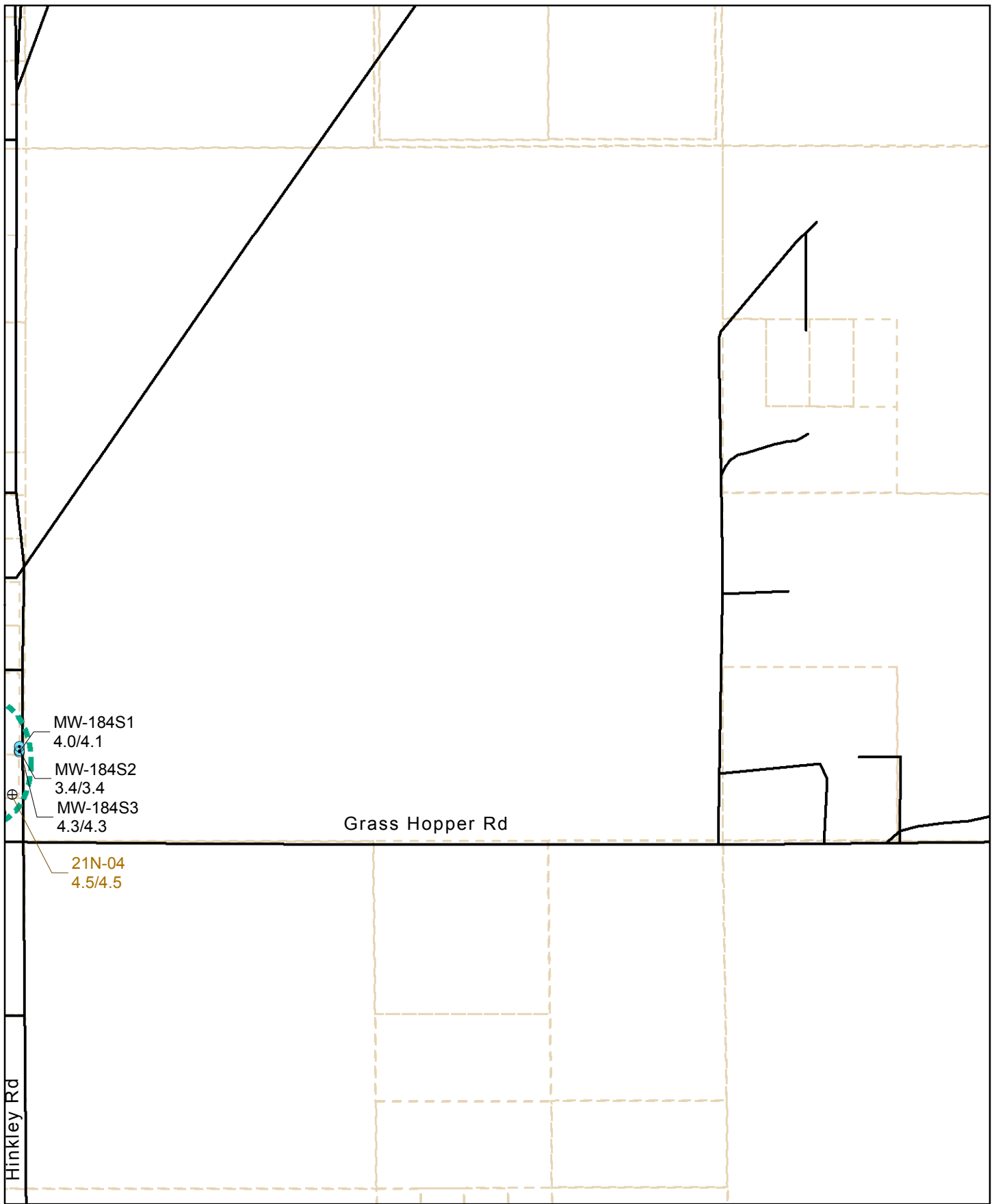
MAP 01



See Legend Figure for
Feature Descriptions



MAP 02

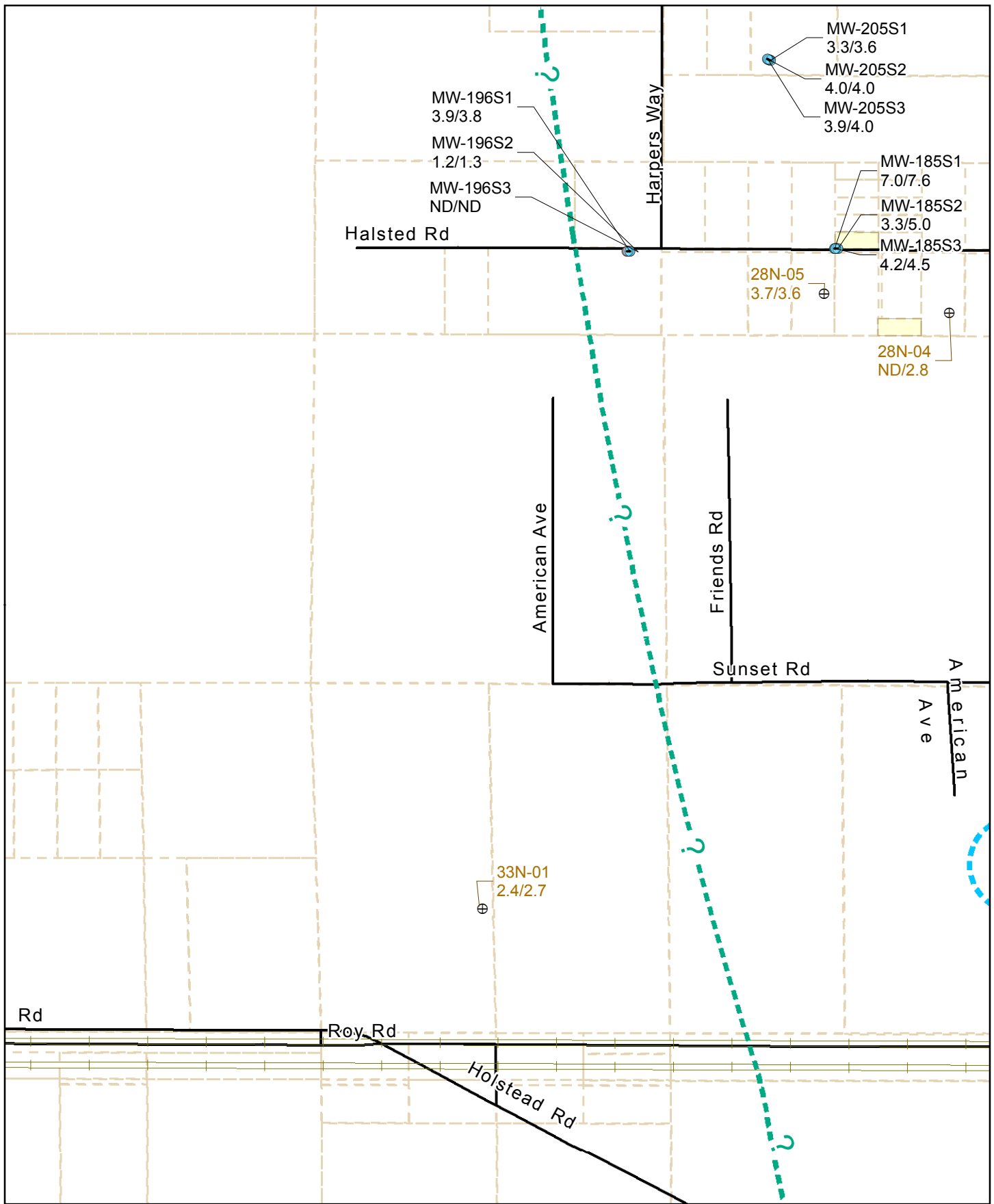


See Legend Figure for
Feature Descriptions

0 1,500
Feet



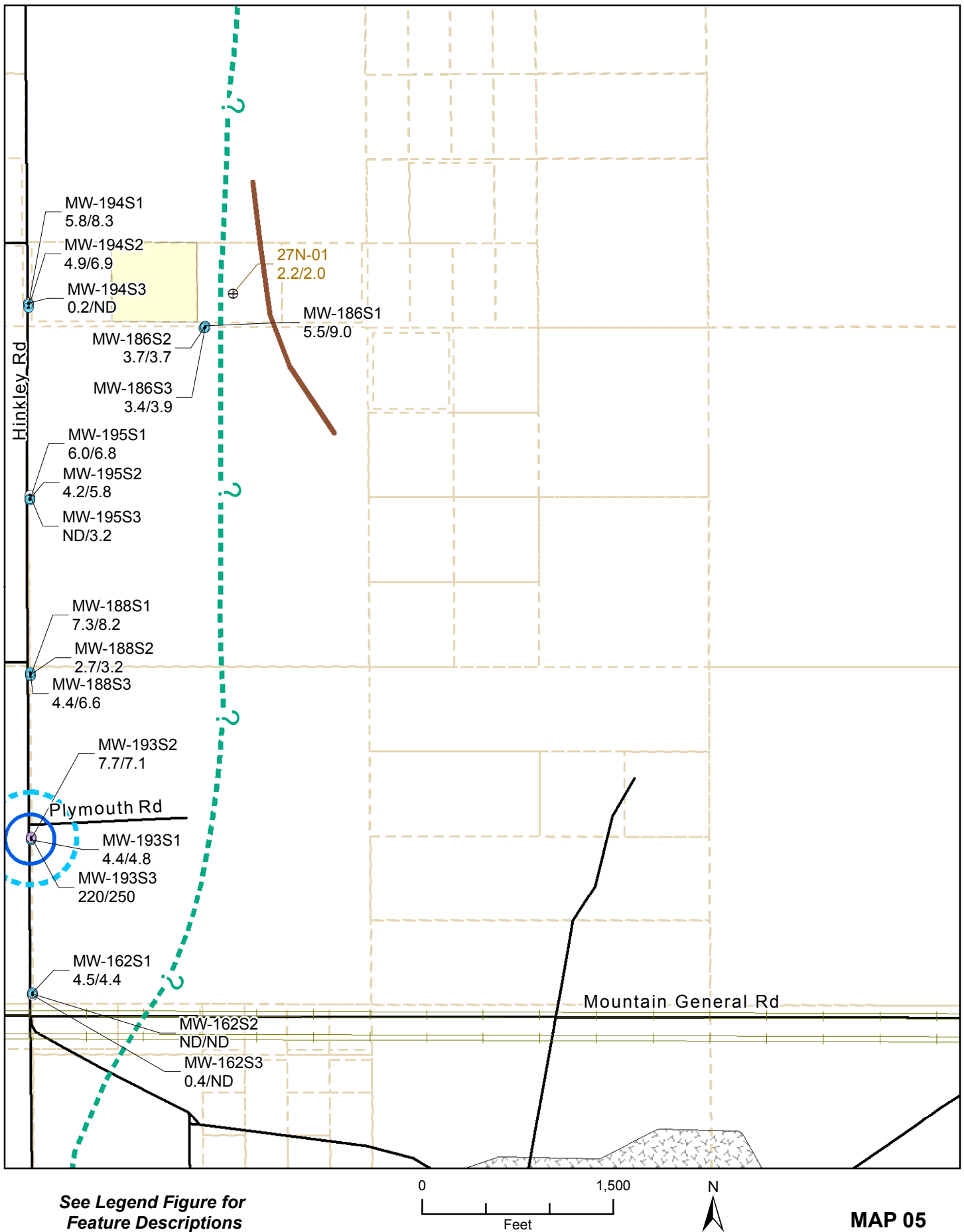
MAP 03

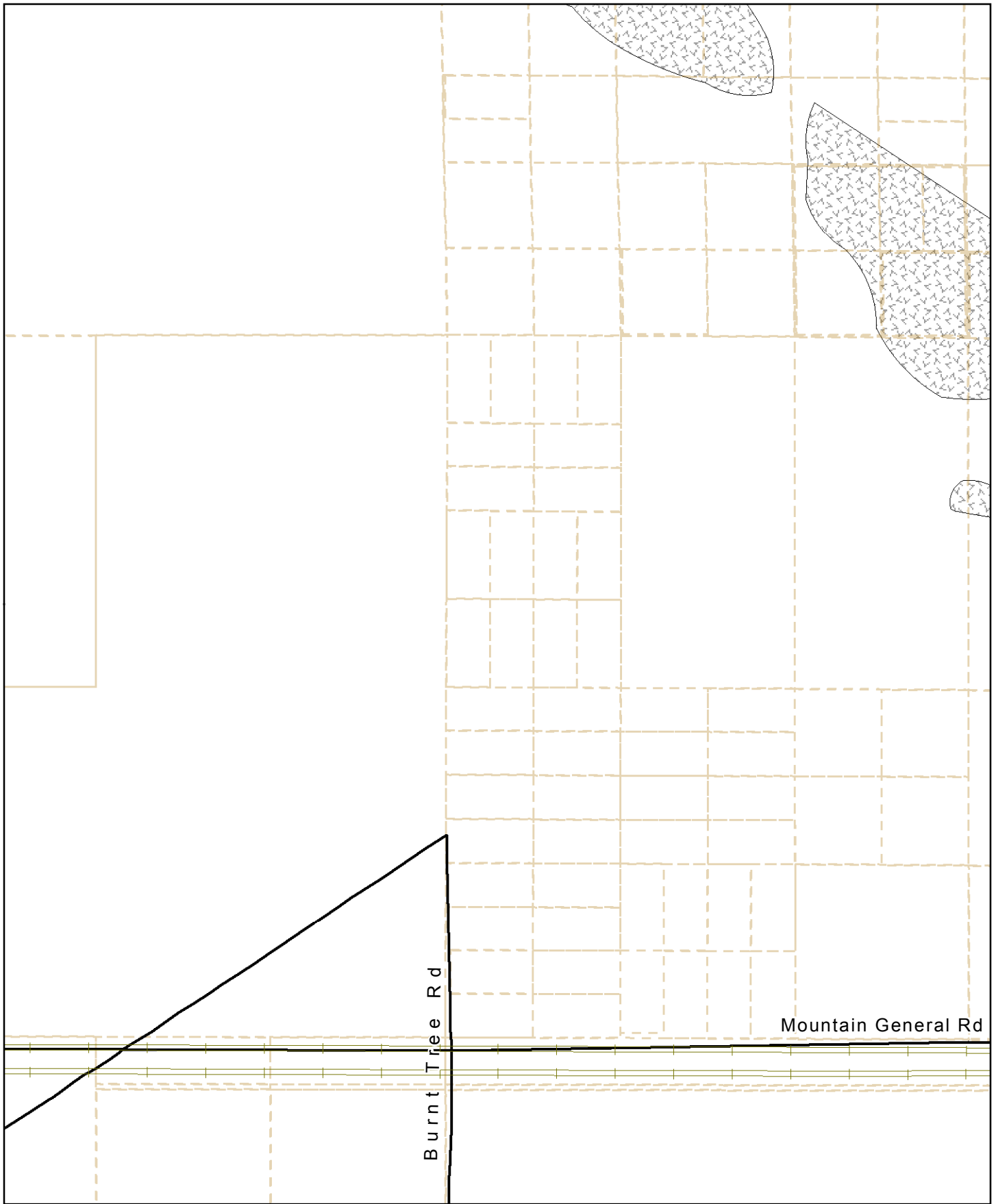


See Legend Figure for
Feature Descriptions

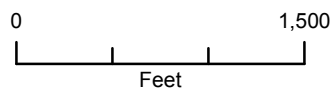


MAP 04

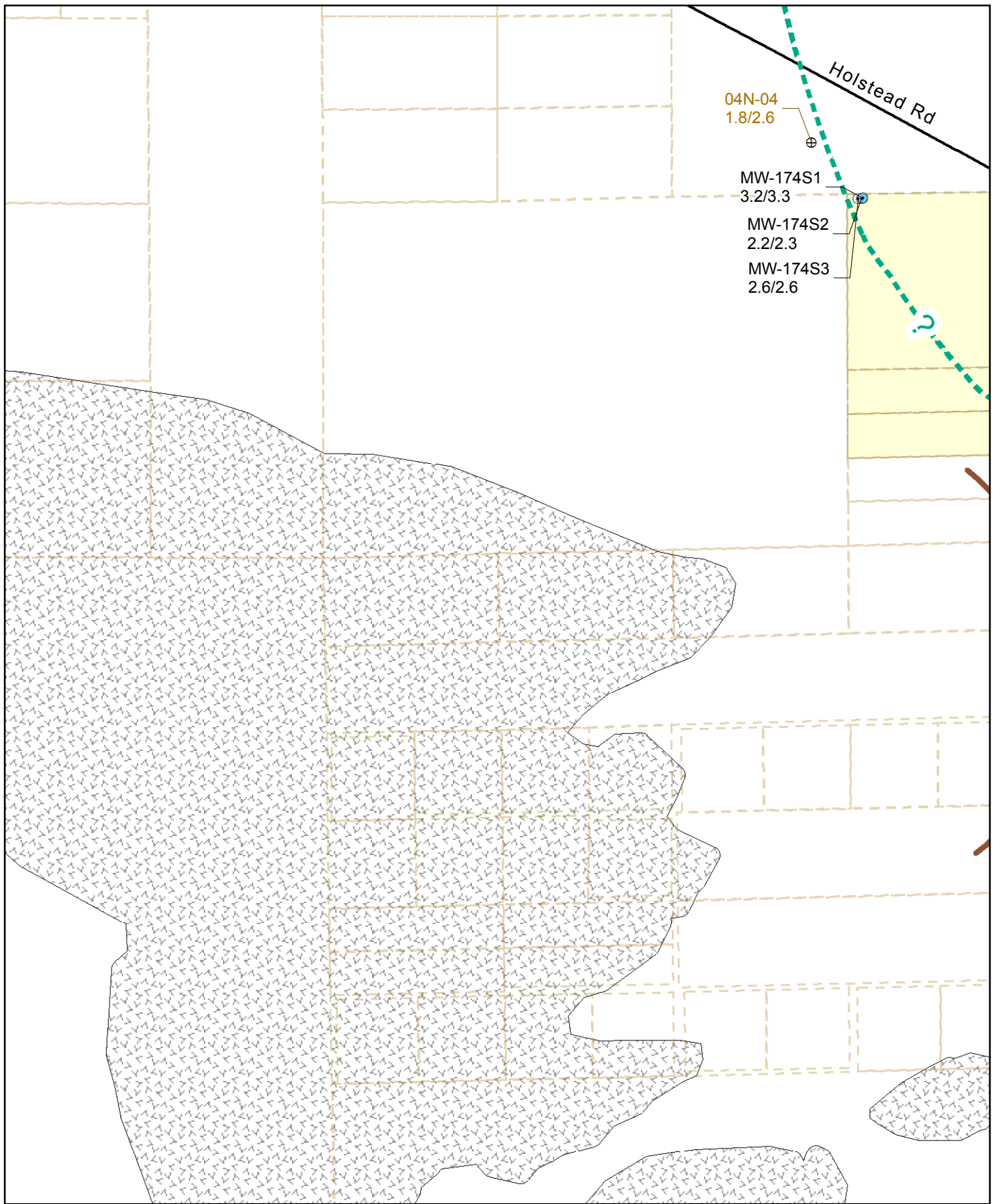




**See Legend Figure for
Feature Descriptions**



MAP 06

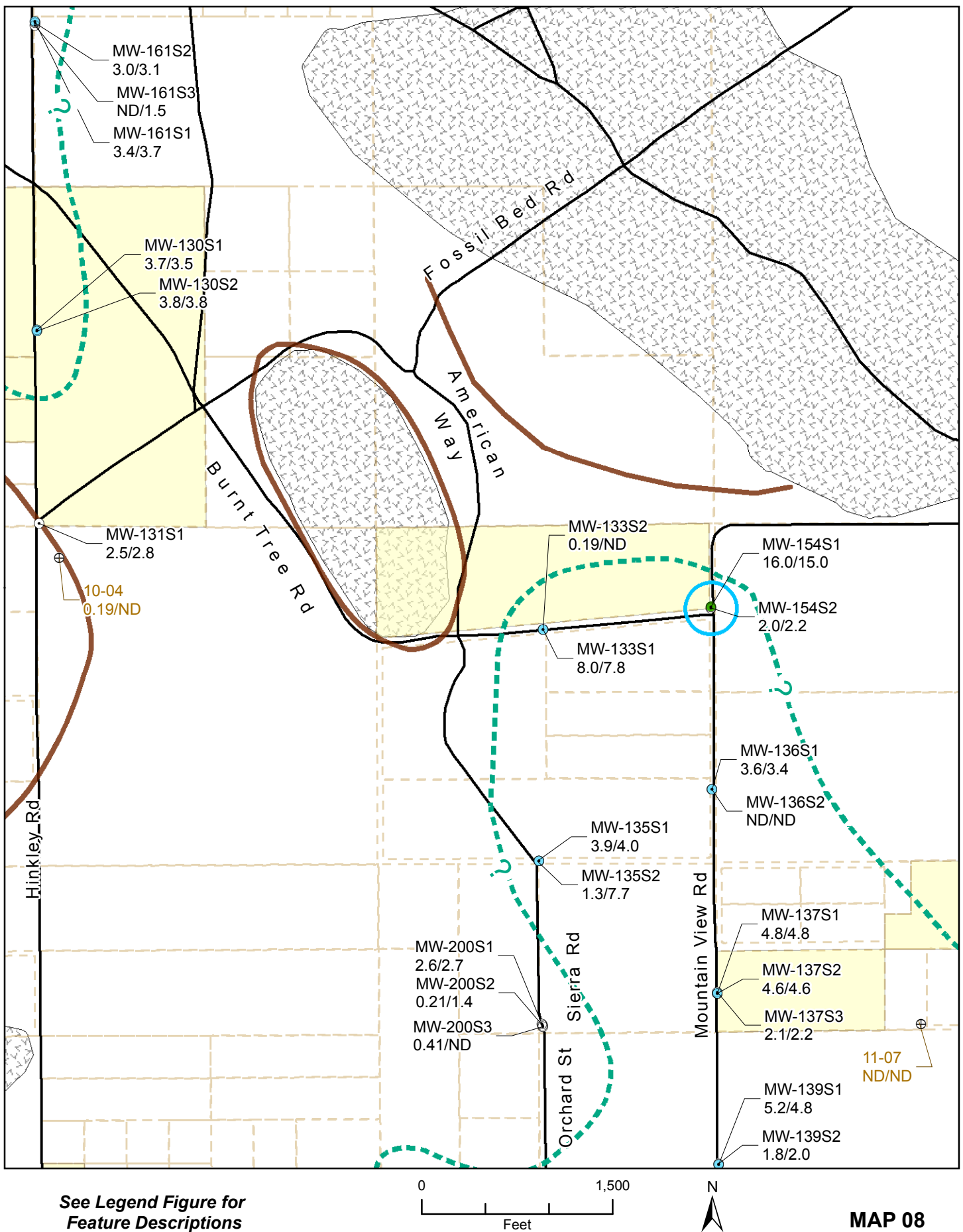


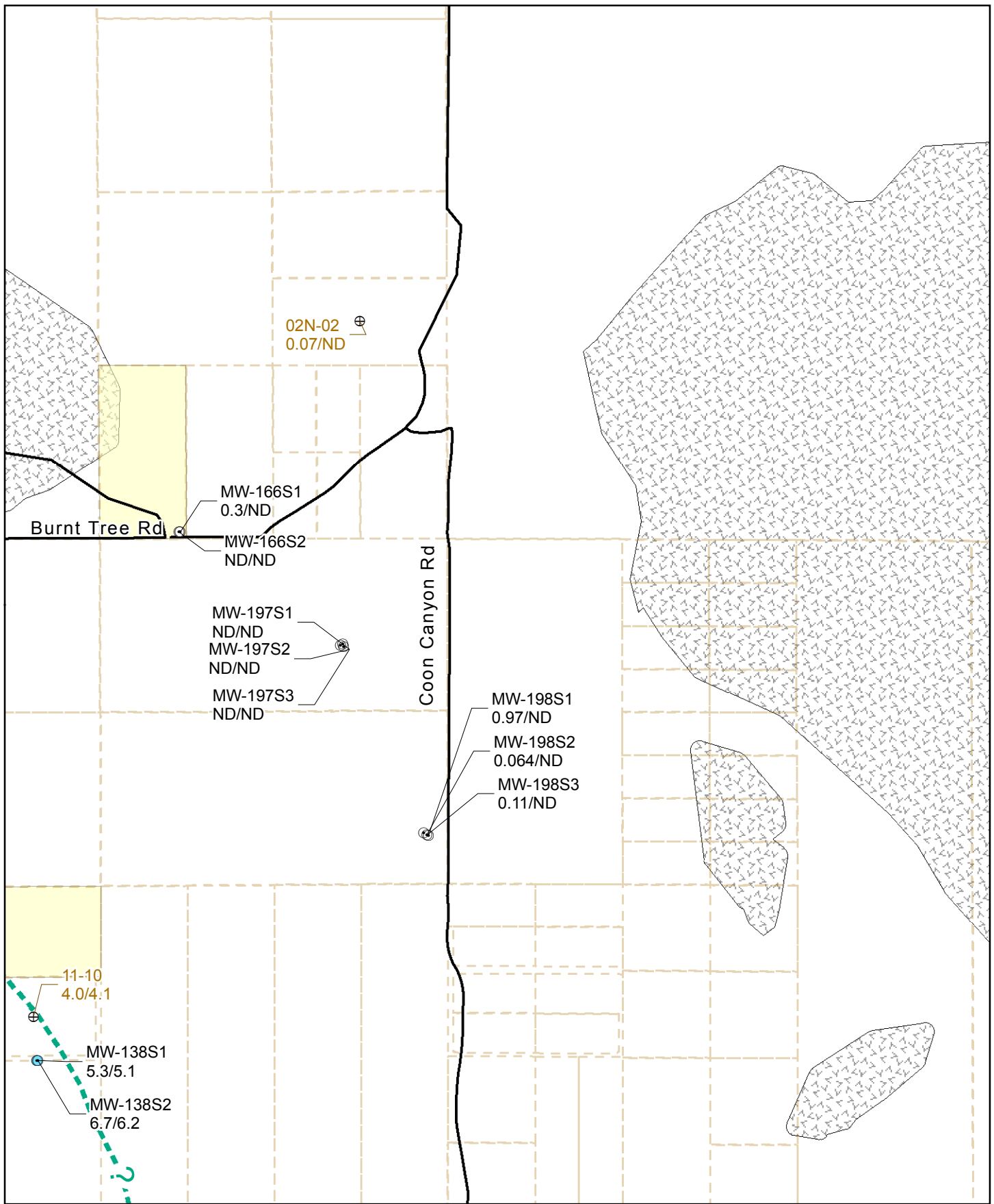
**See Legend Figure for
Feature Descriptions**

0 1,500
Feet



MAP 07

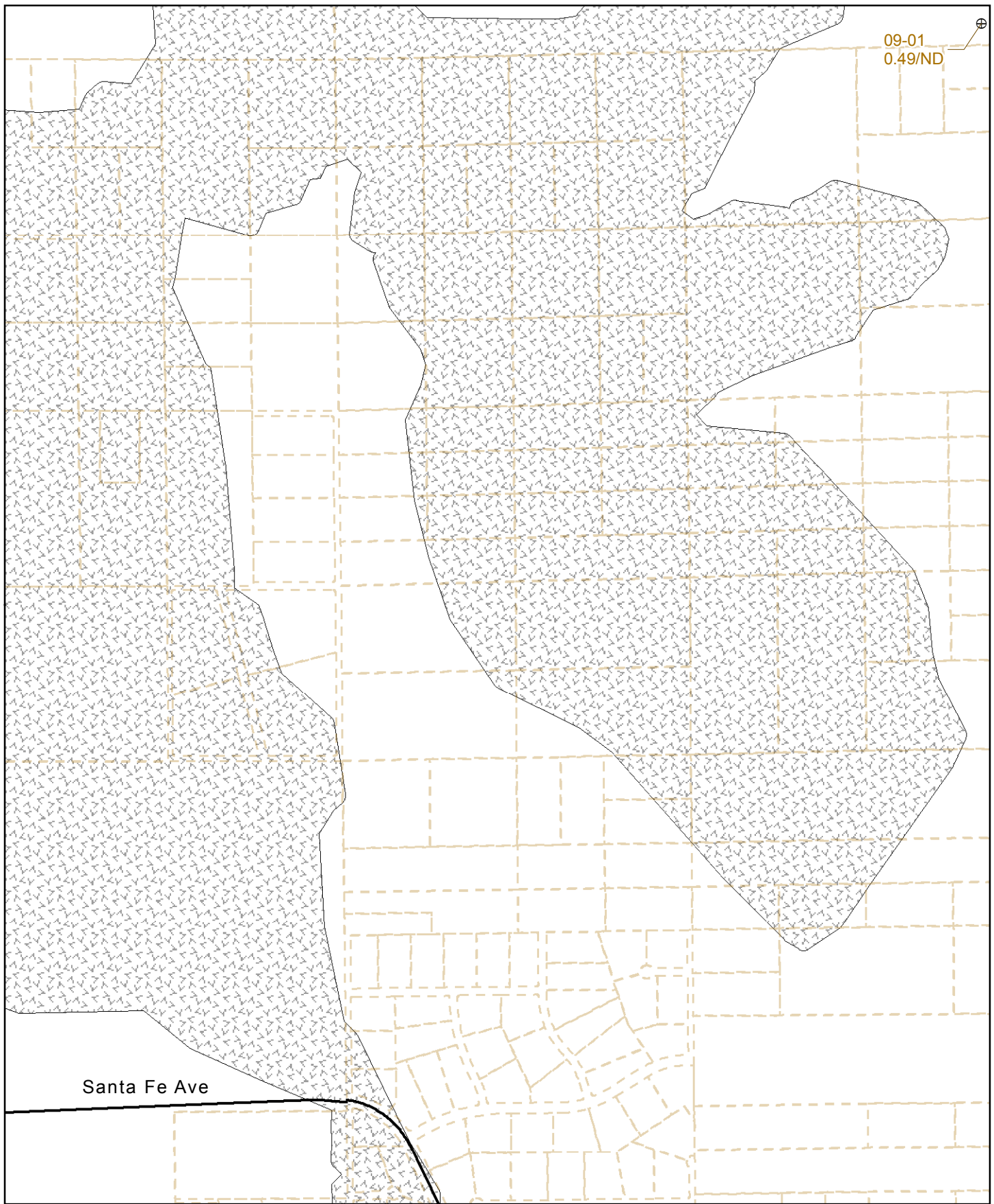




See Legend Figure for
Feature Descriptions



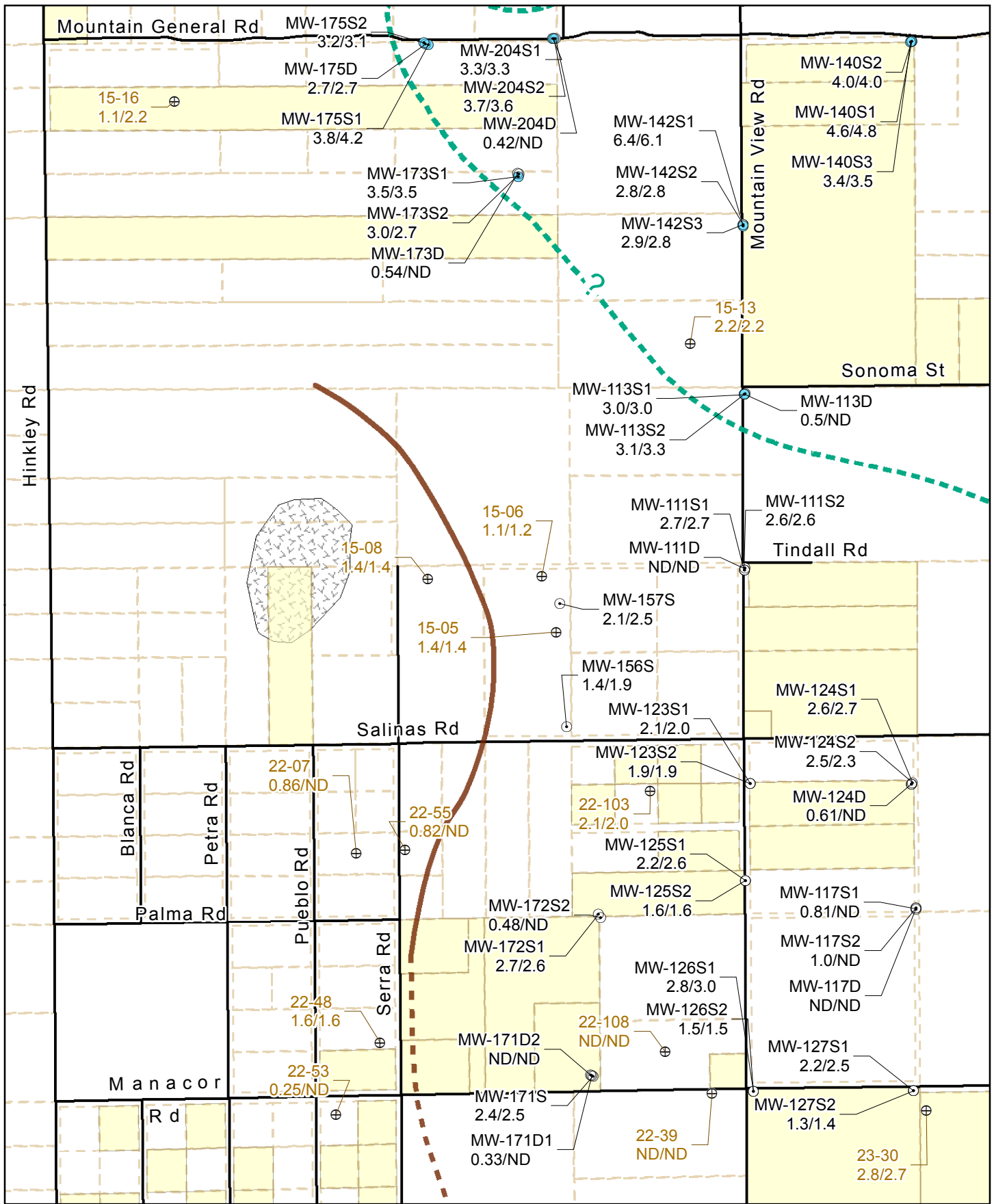
MAP 09



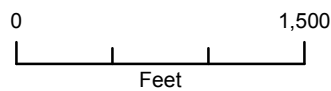
**See Legend Figure for
Feature Descriptions**



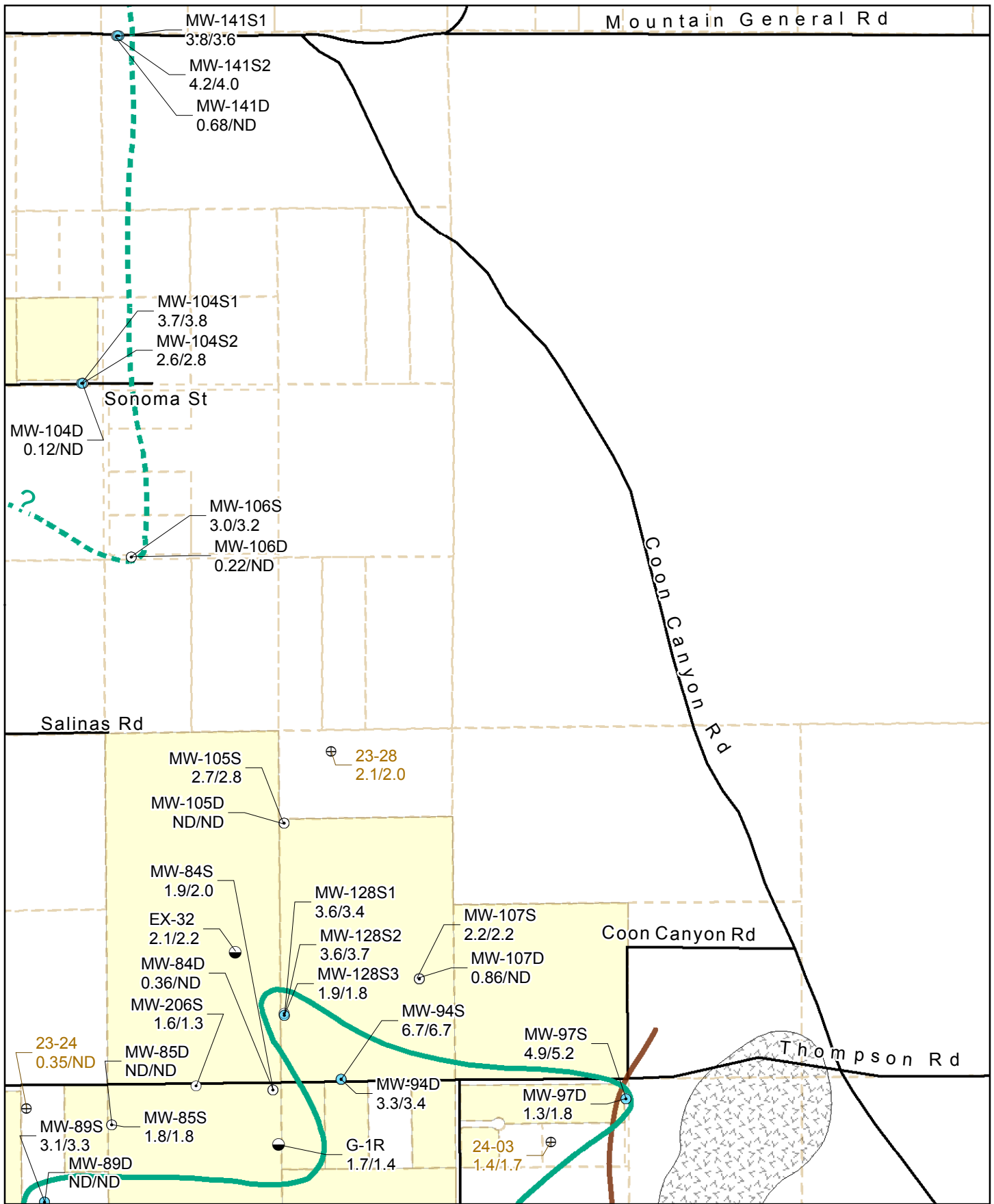
MAP 10



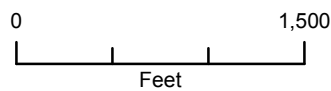
See Legend Figure for
Feature Descriptions



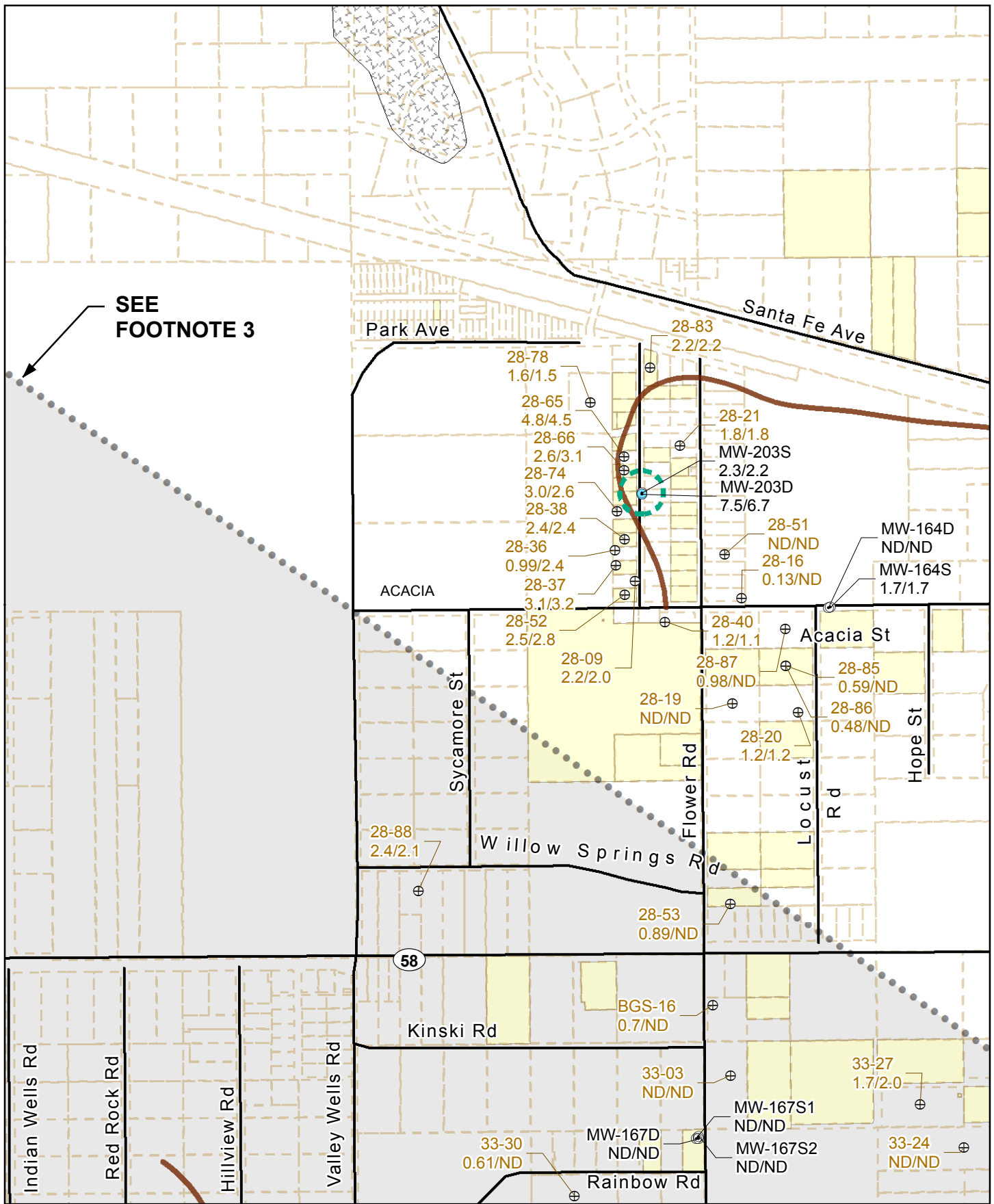
MAP 11



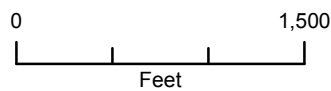
See Legend Figure for
Feature Descriptions



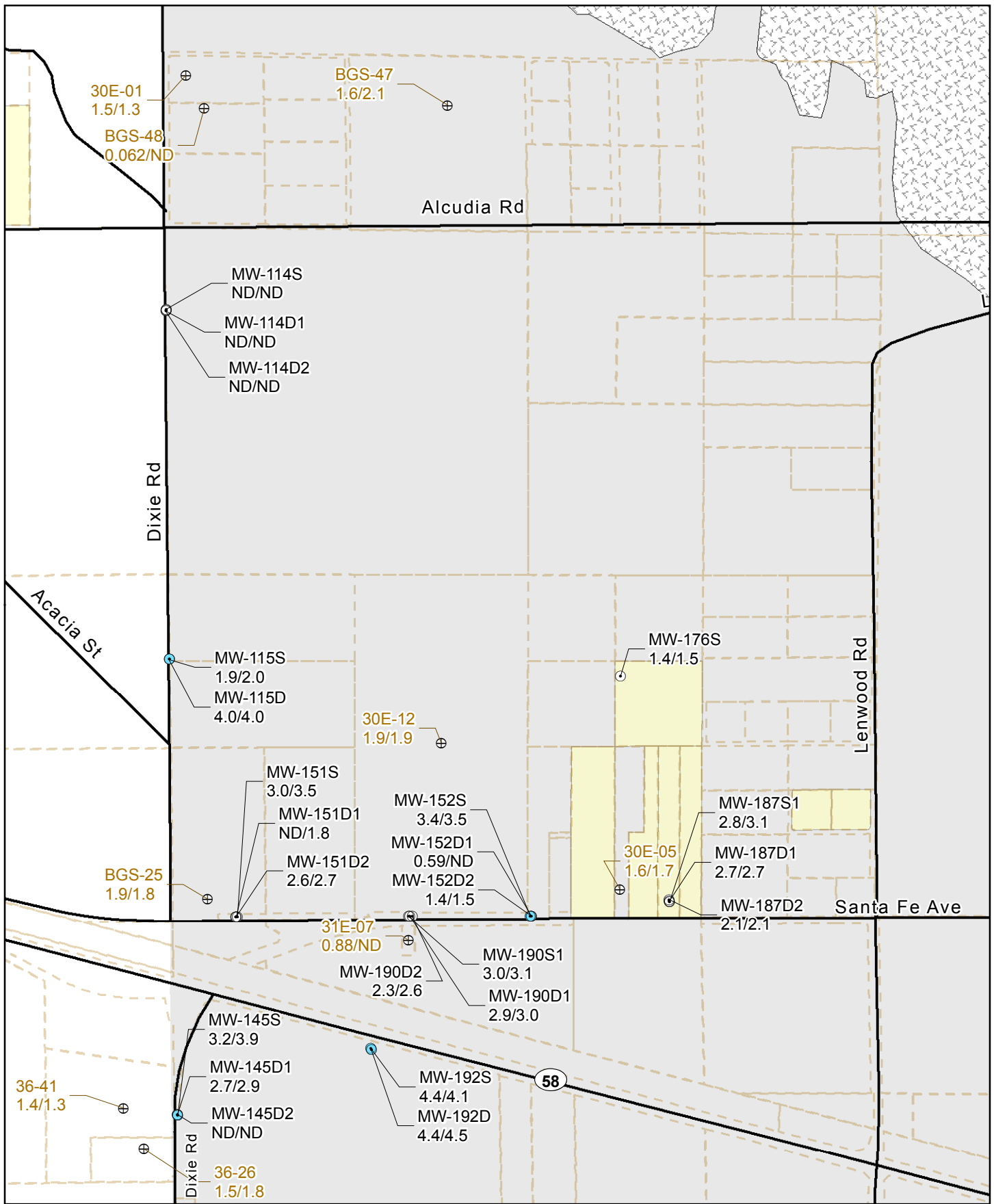
MAP 12



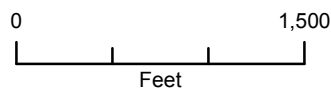
See Legend Figure for
Feature Descriptions



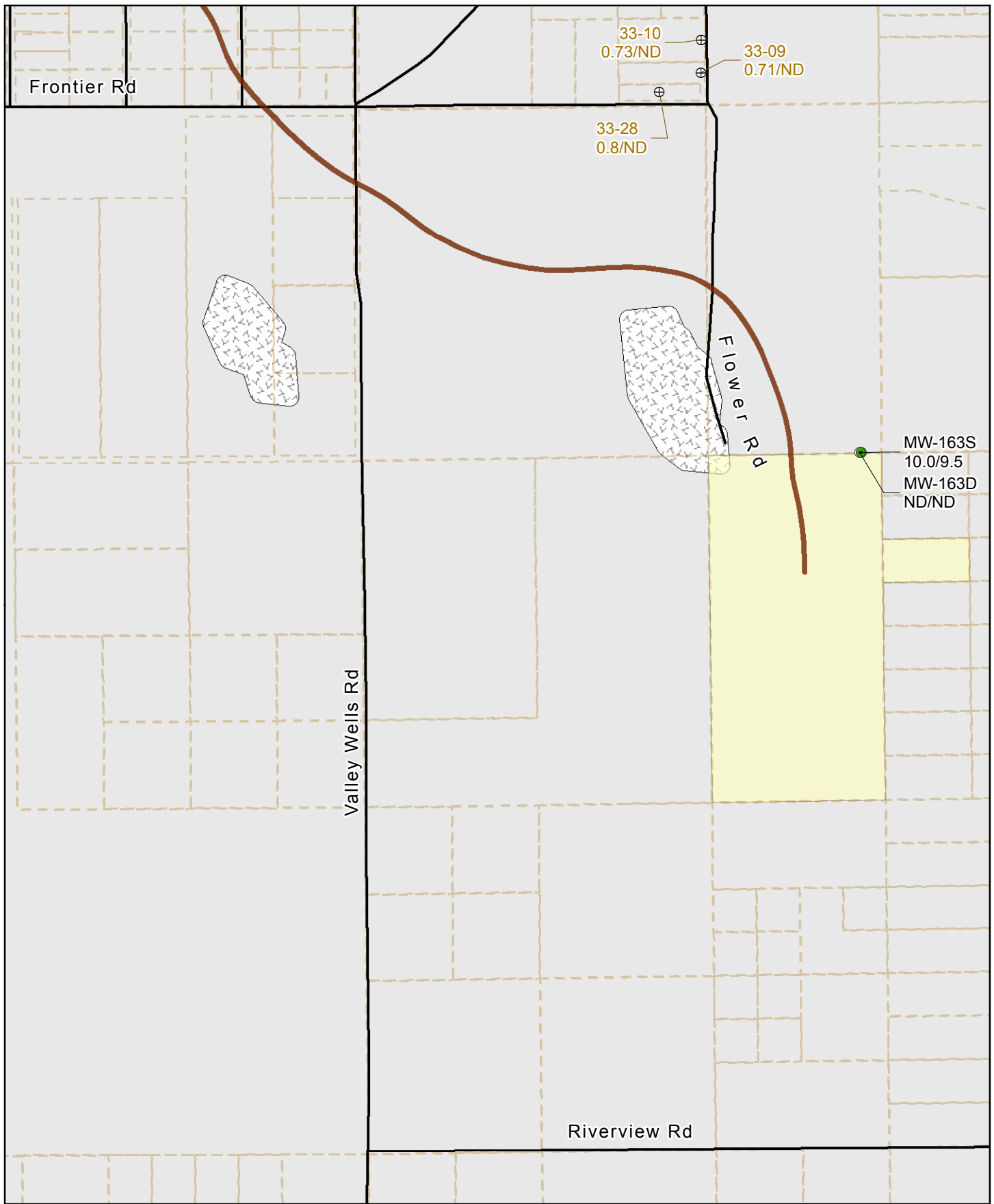
MAP 13



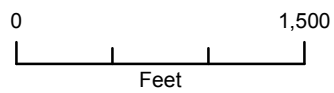
See Legend Figure for
Feature Descriptions



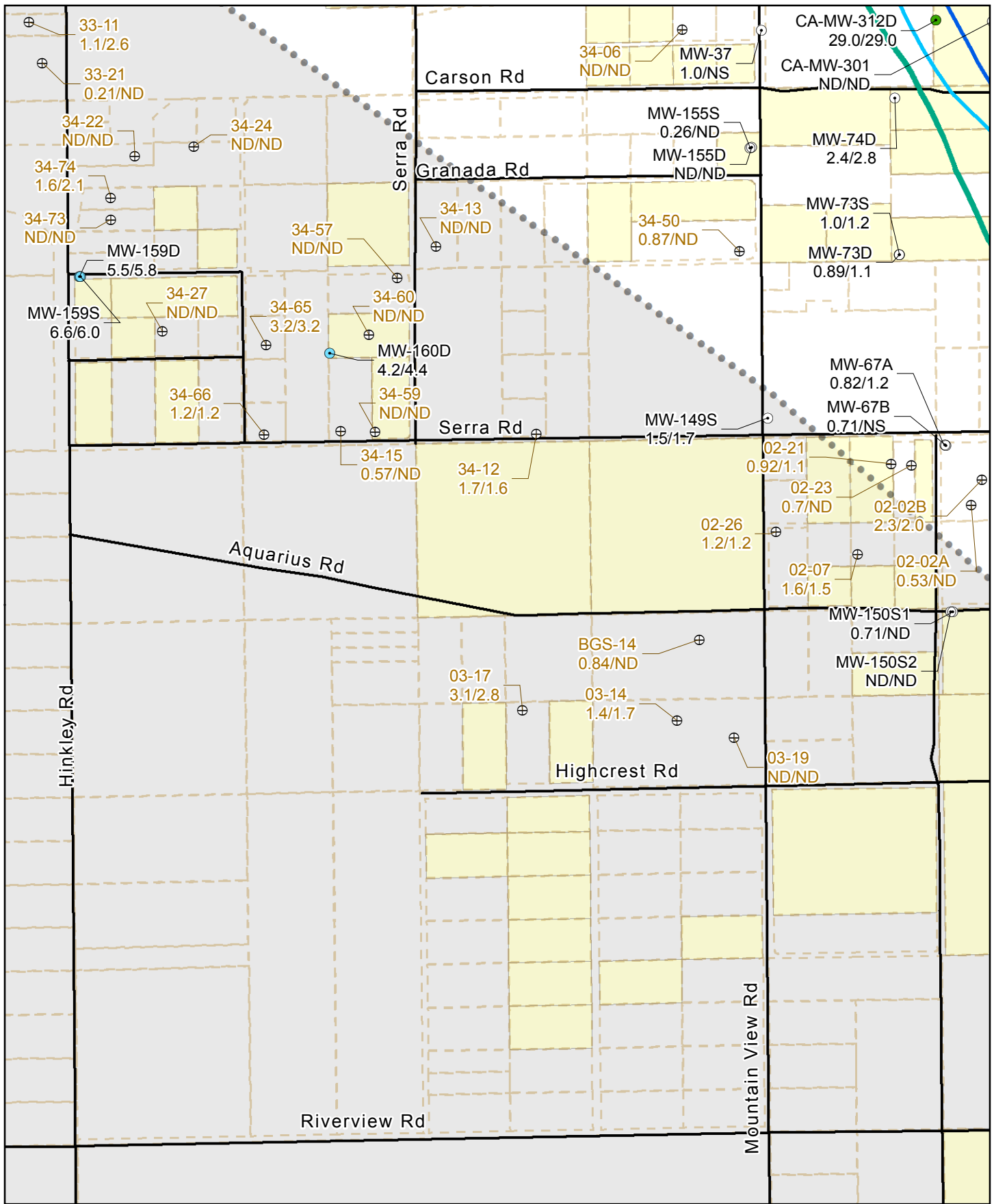
MAP 16



See Legend Figure for
Feature Descriptions



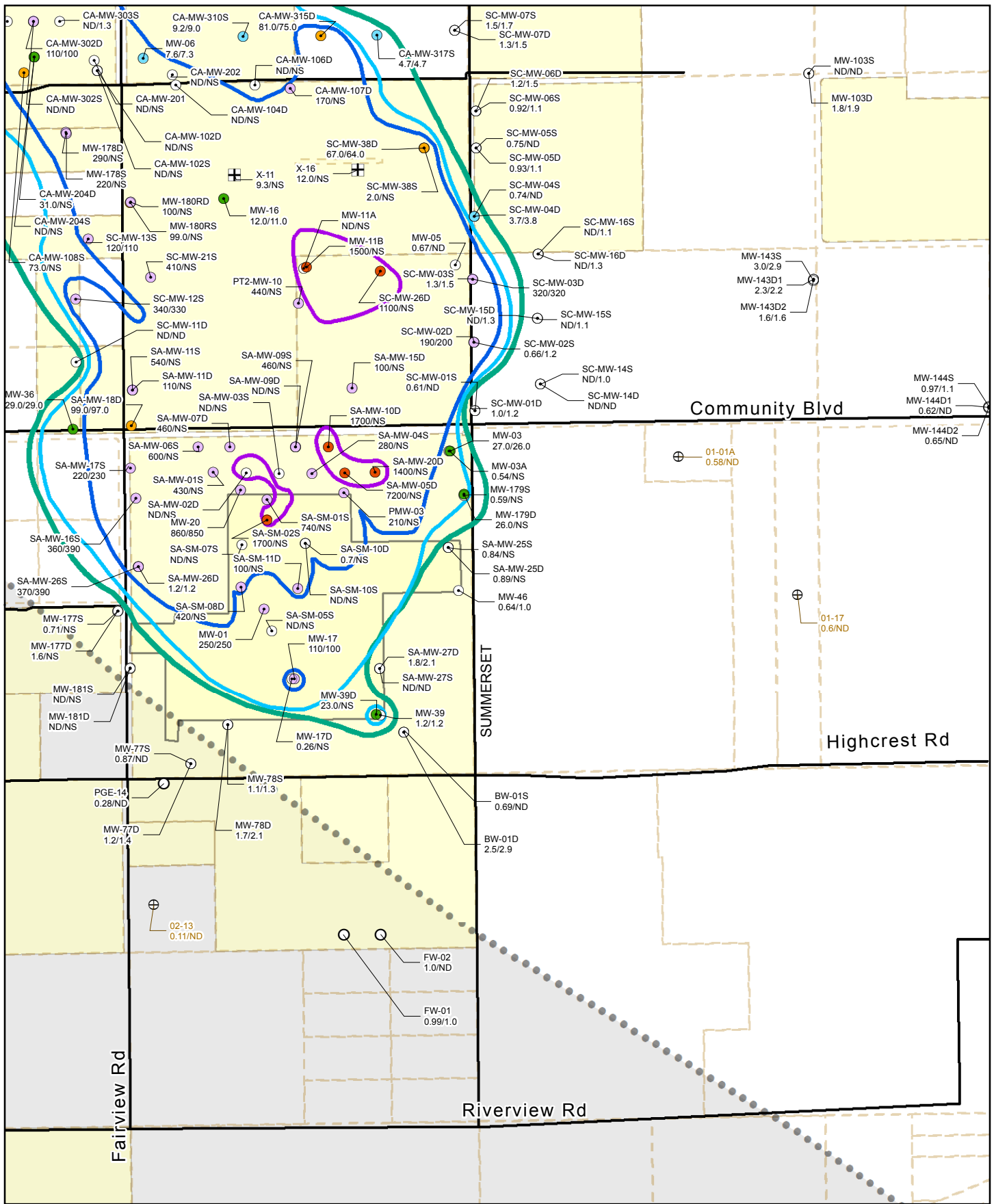
MAP 17



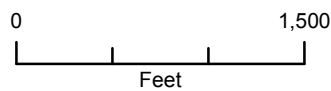
See Legend Figure for
Feature Descriptions



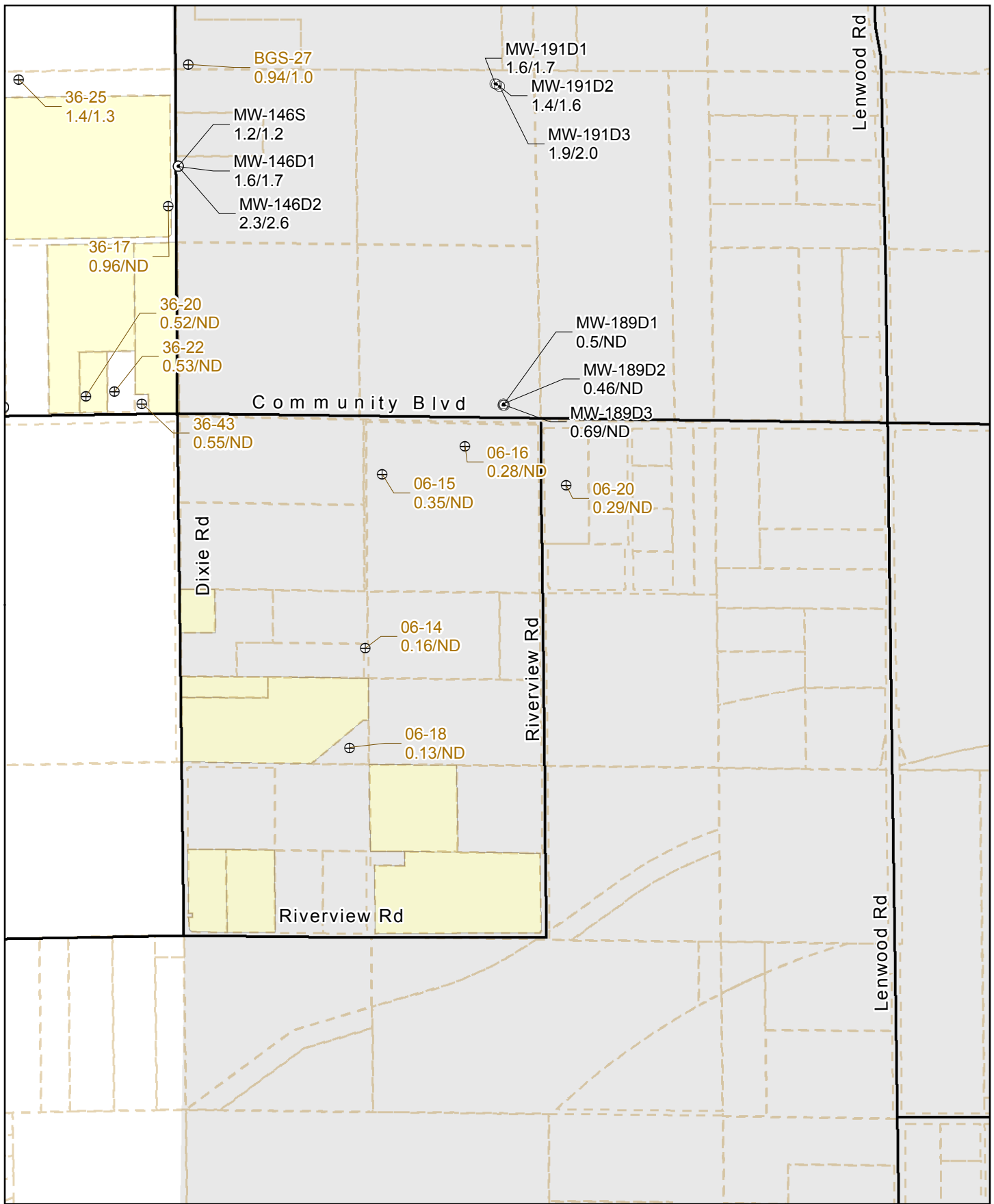
MAP 18



**See Legend Figure for
Feature Descriptions**



MAP 19



See Legend Figure for
Feature Descriptions



MAP 20