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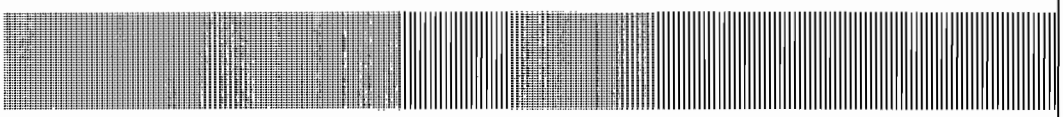
INDEPENDENT ENVIRONMENTAL ENGINEERS, SCIENTISTS AND CONSULTANTS

Figures

Universal Propulsion Company, Inc.
2009 Annual Monitoring Report

Figures



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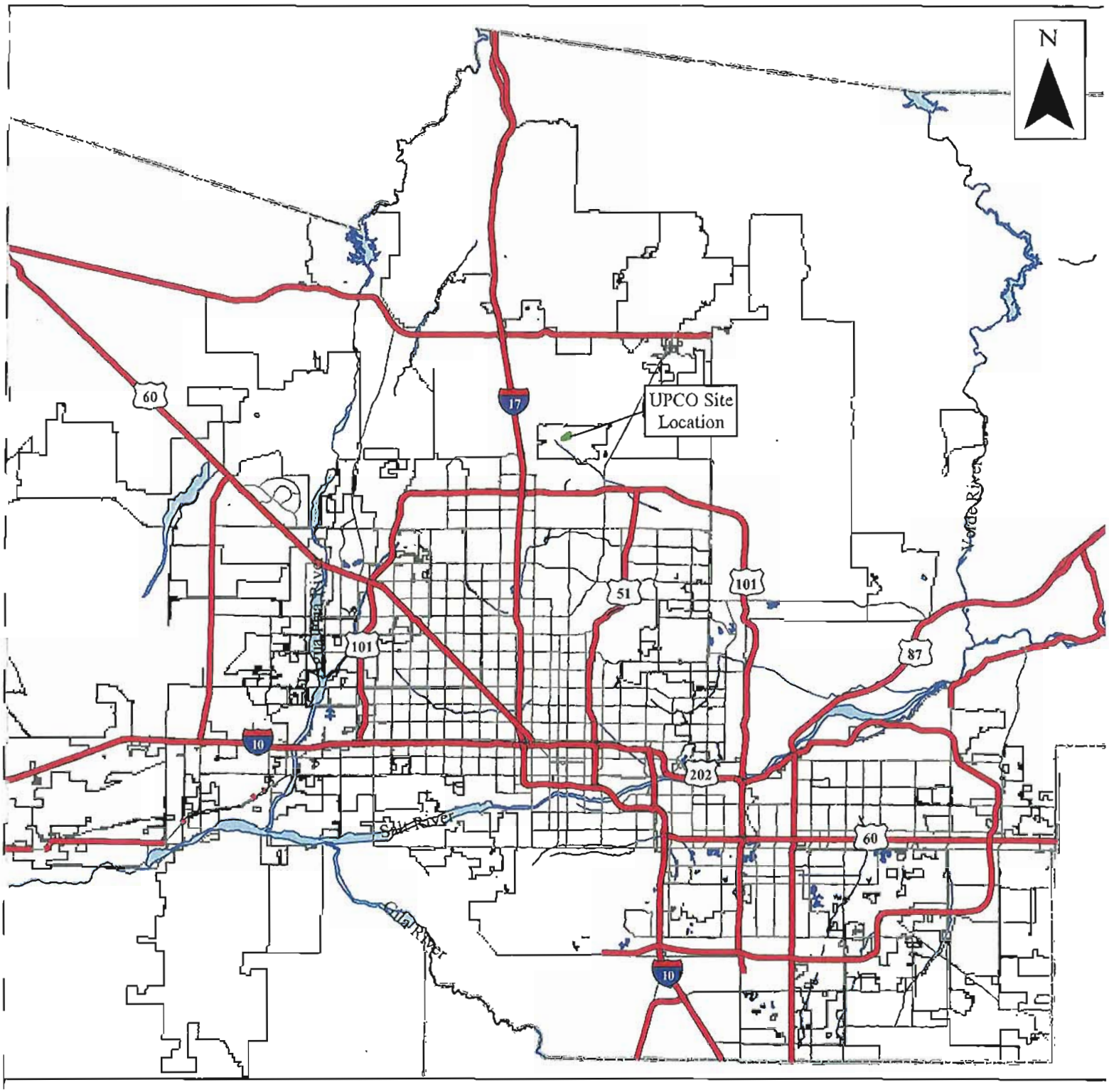

Legend

- Highways, Freeways
- Primary Roads
- Rivers
- Site Location
- County Boundaries
- Lakes
- City Boundaries

0 2.5 5 10 15

Miles

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Site Location Map
2009 Annual Monitoring Report

December 2010 | **Figure 1**

Legend

- A-Complex
- B-Complex
- C-Complex
- D-Complex
- E-Complex
- F-Complex
- Open Burn Unit
- Lease Property Boundary

0 200 400 600 800

Feet

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Site Facilities Map
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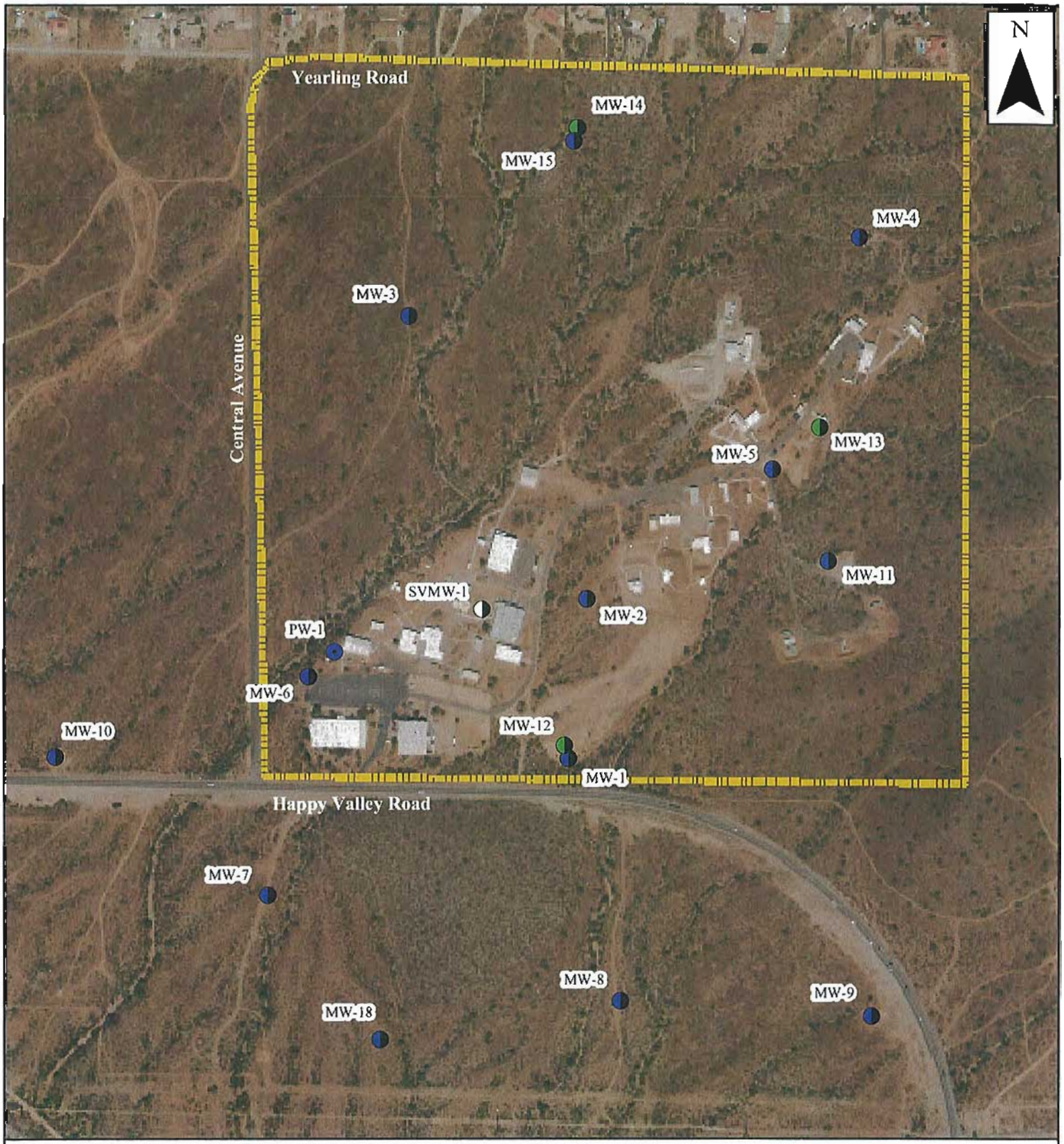

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

Note: SVMW-1 is a soil vapor monitoring well installed above water level.

0 250 500 750 1,000
Feet

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UPCO Monitor Wells
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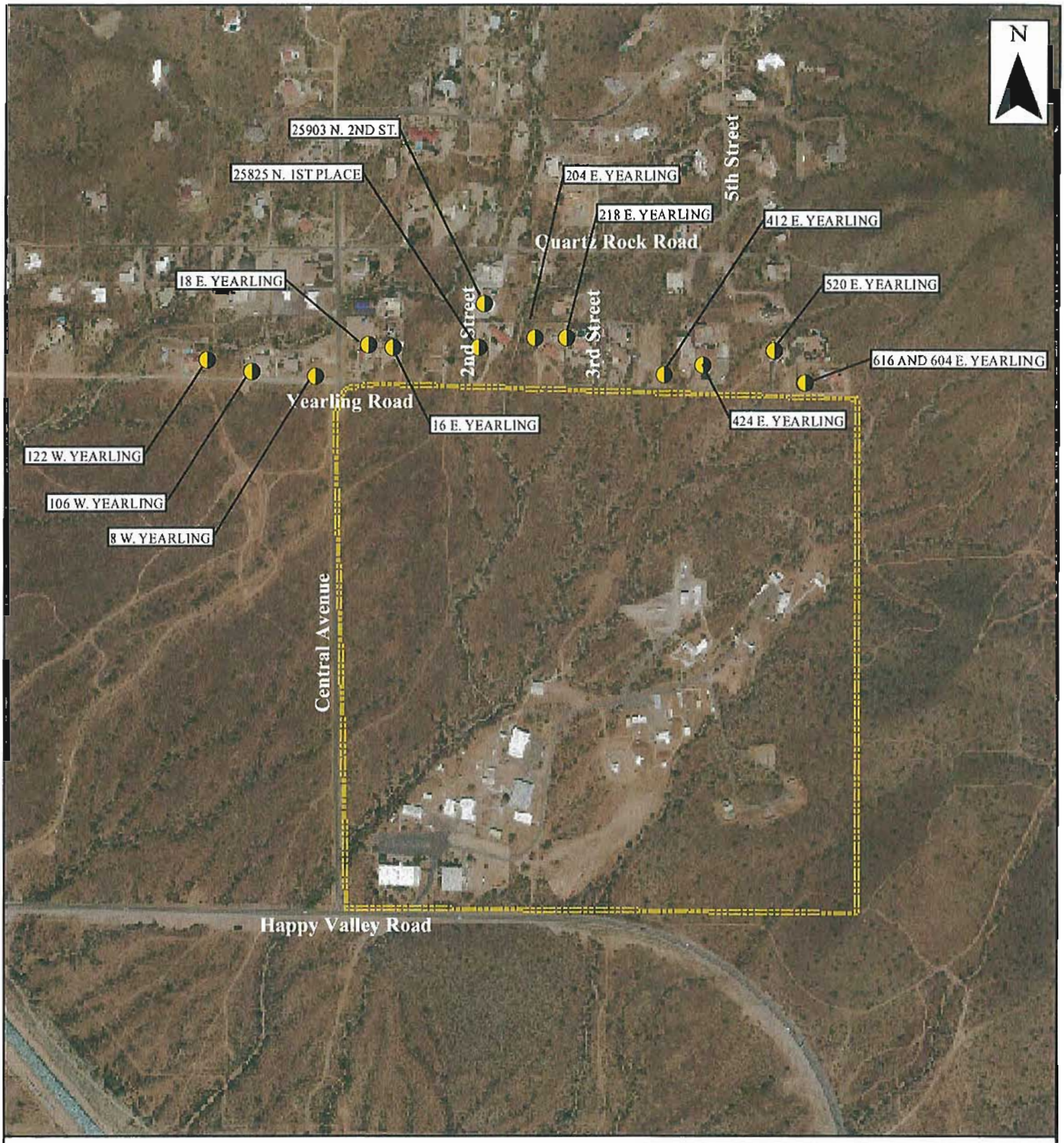
December 2010 | **Figure 3**



Legend

- Private Domestic Wells
- Lease Property Boundary

0 250 500 750 1,000
Feet

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Private Wells
2009 Annual Monitoring Report

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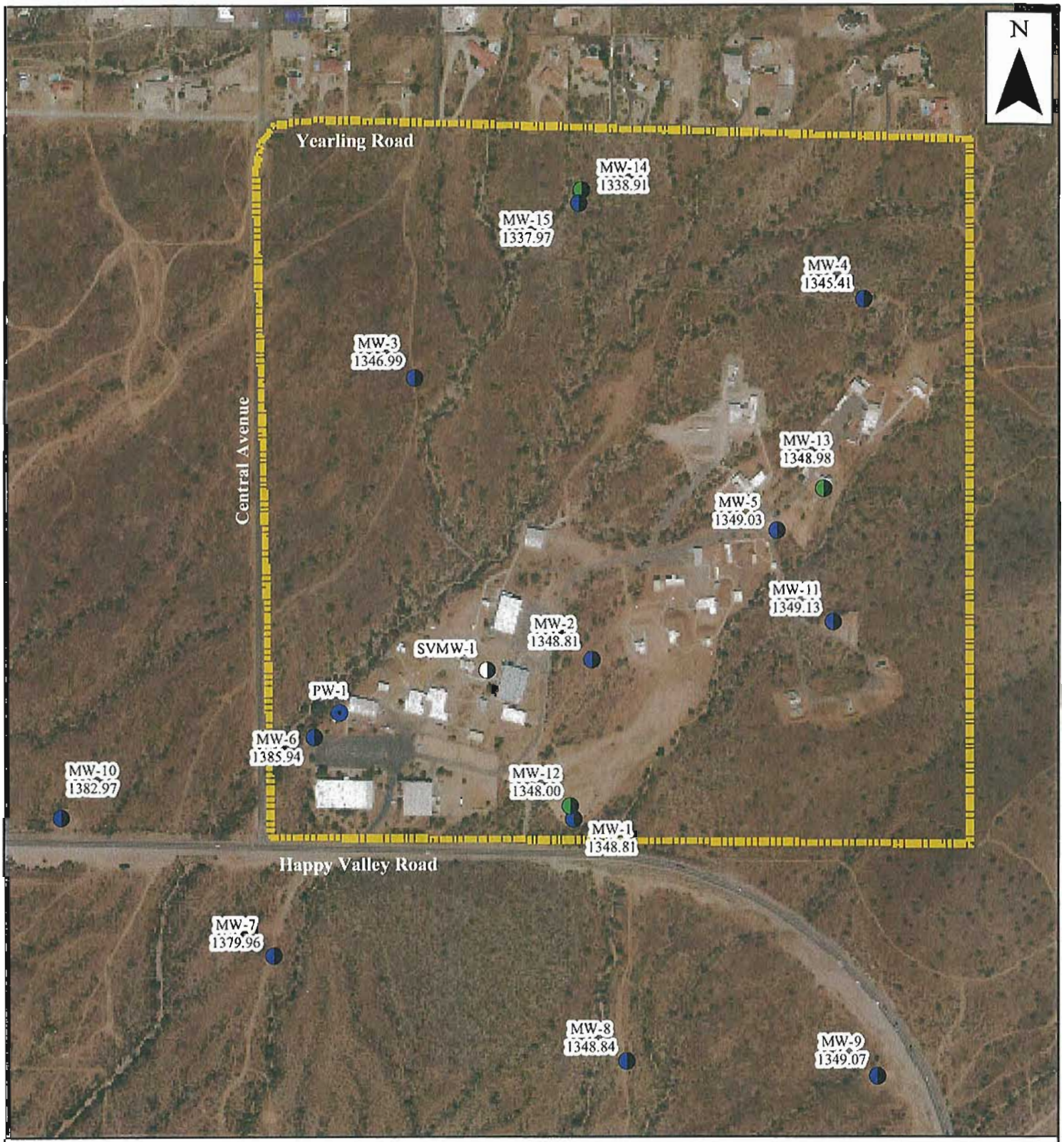
M:\3994003\GIS\Projects MXD\Annual Groundwater Report\2009 Report\ Figure 4



Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 / 1348.81 — Well ID / Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
January 12, 2009
2009 Annual Monitoring Report

December 2010 | **Figure 5**

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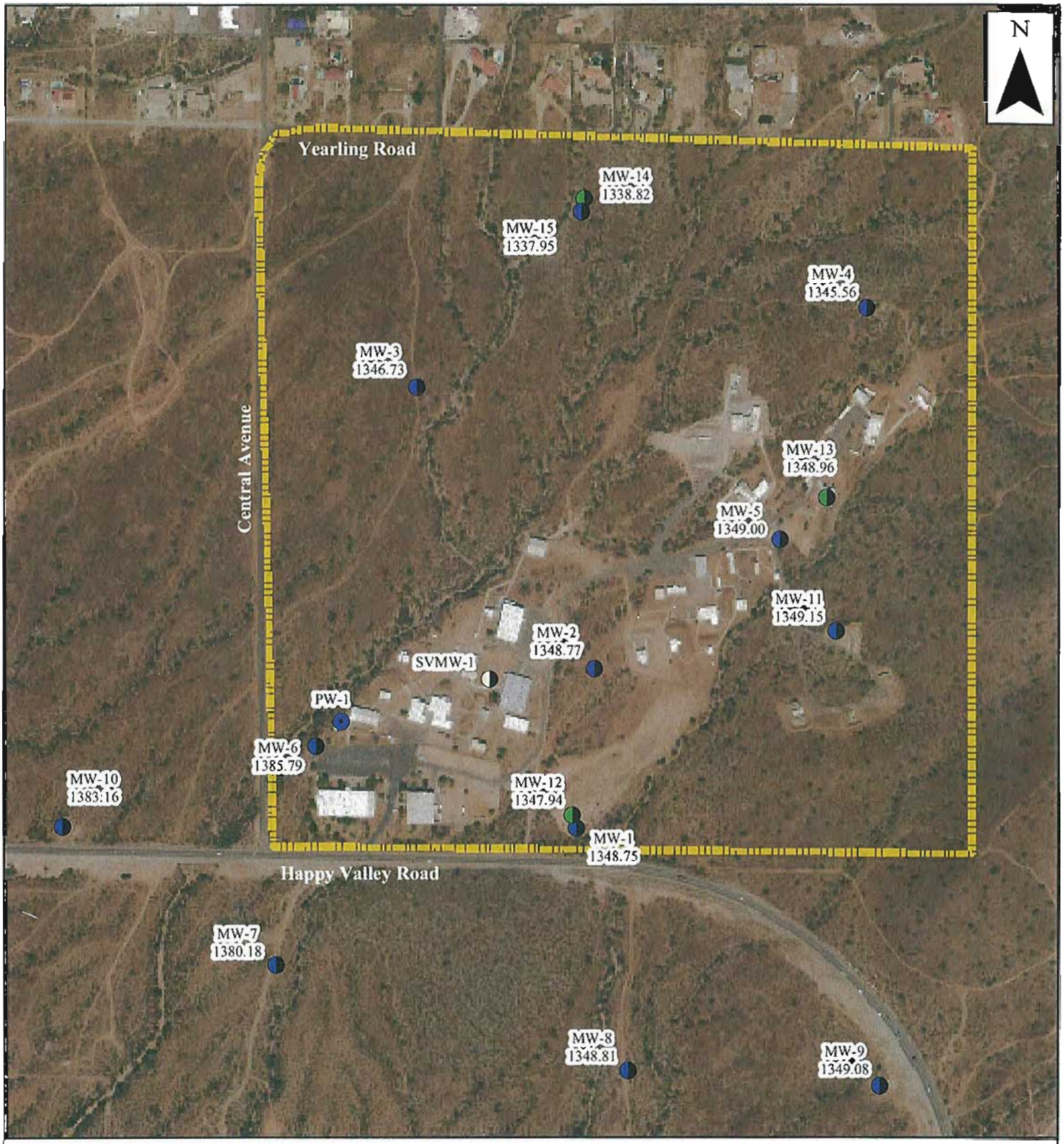

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.75 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
February 16, 2009
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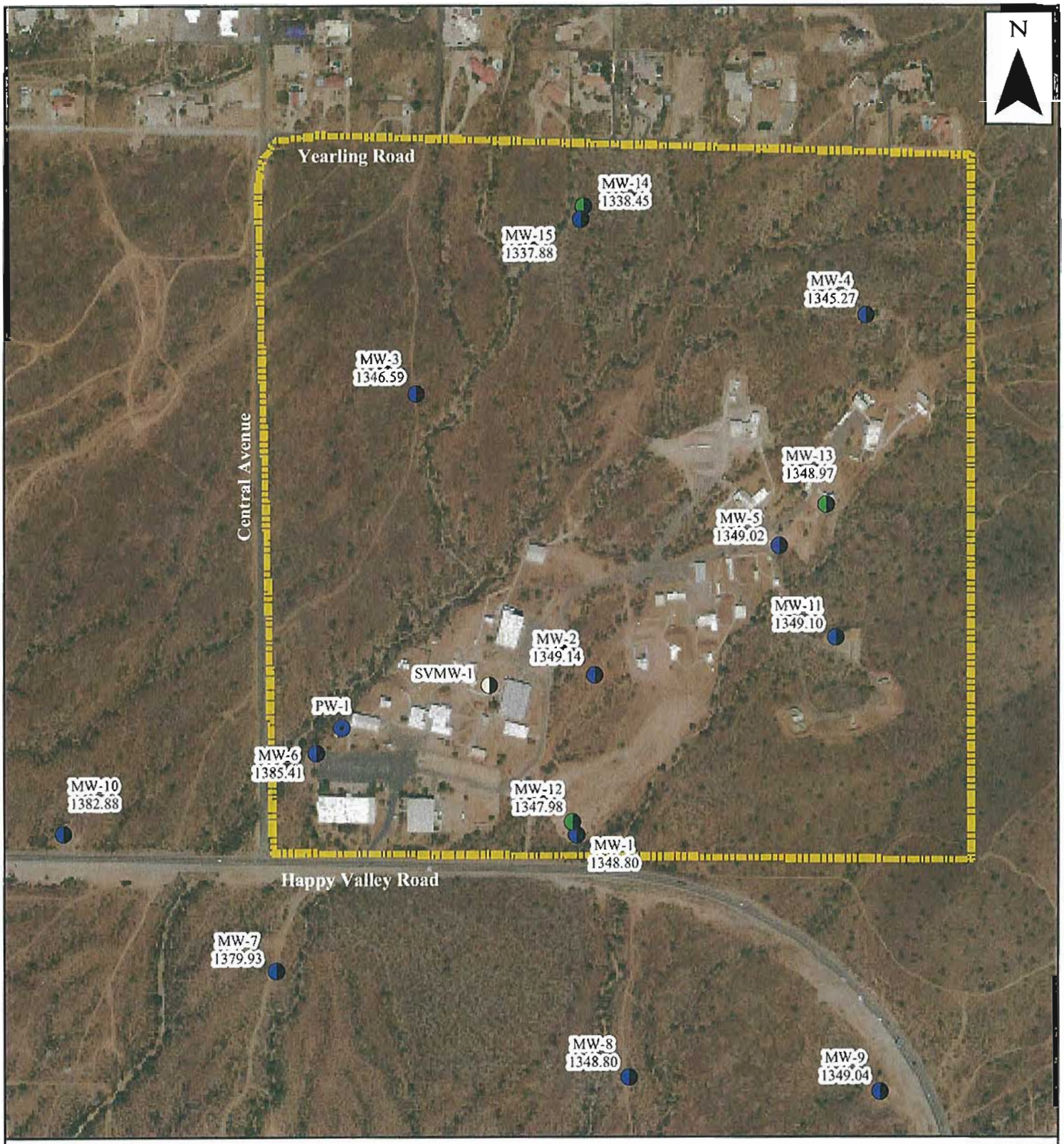

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 / 1348.80 — Well ID / Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
March 17, 2009
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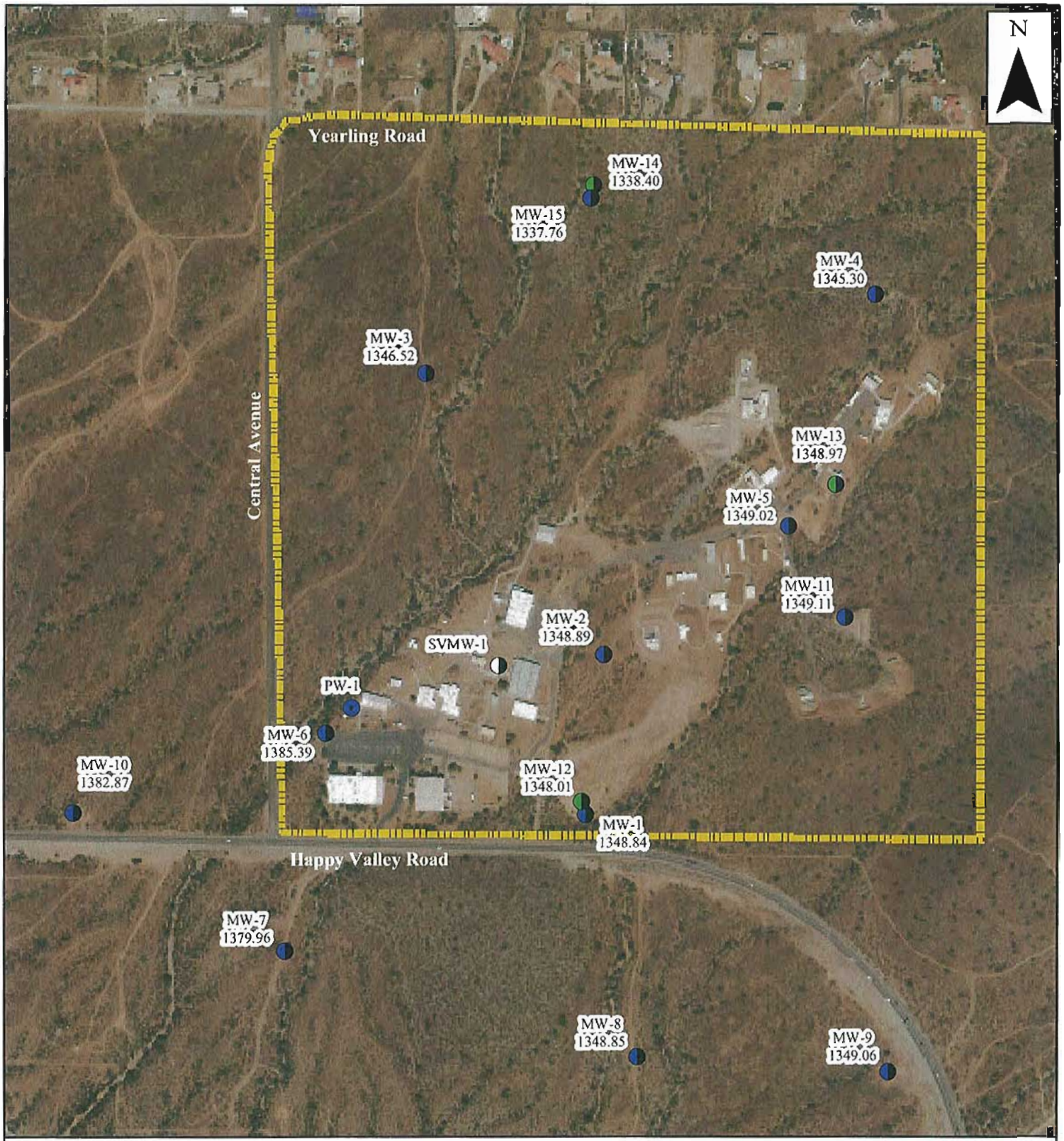

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.84 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
April 13, 2009
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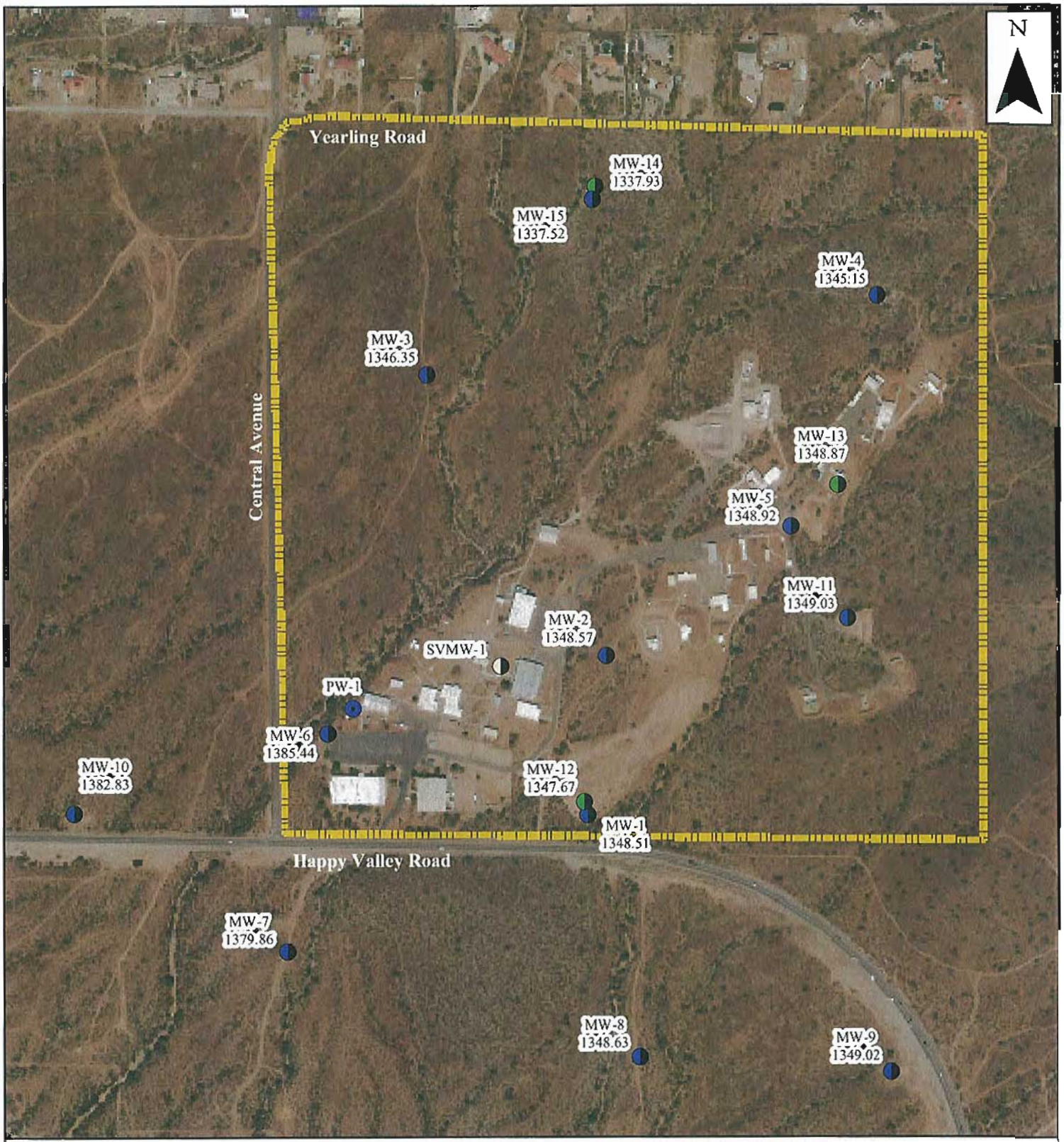

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.51 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
May 20, 2009
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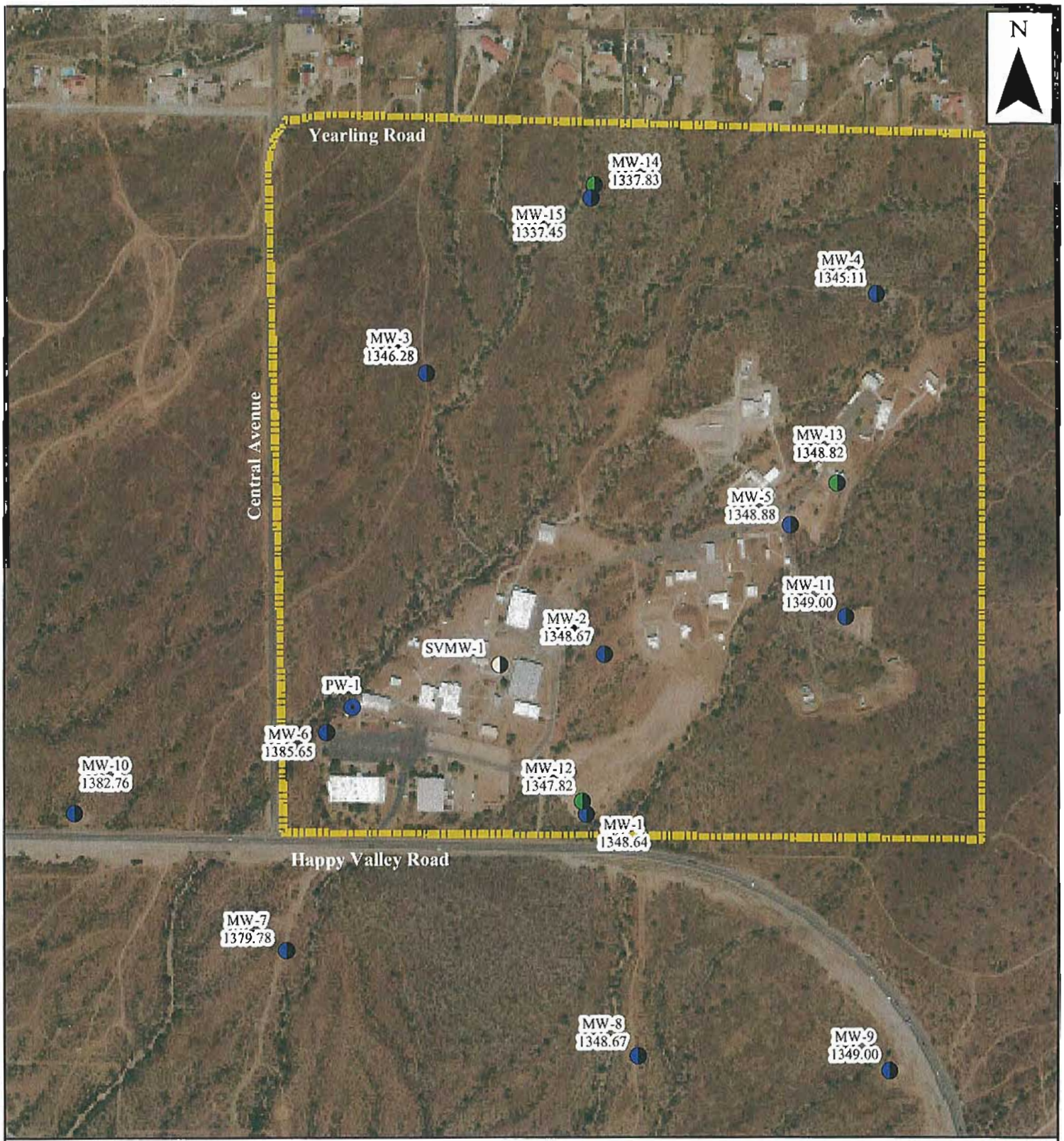

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.64 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevation
June 15, 2009
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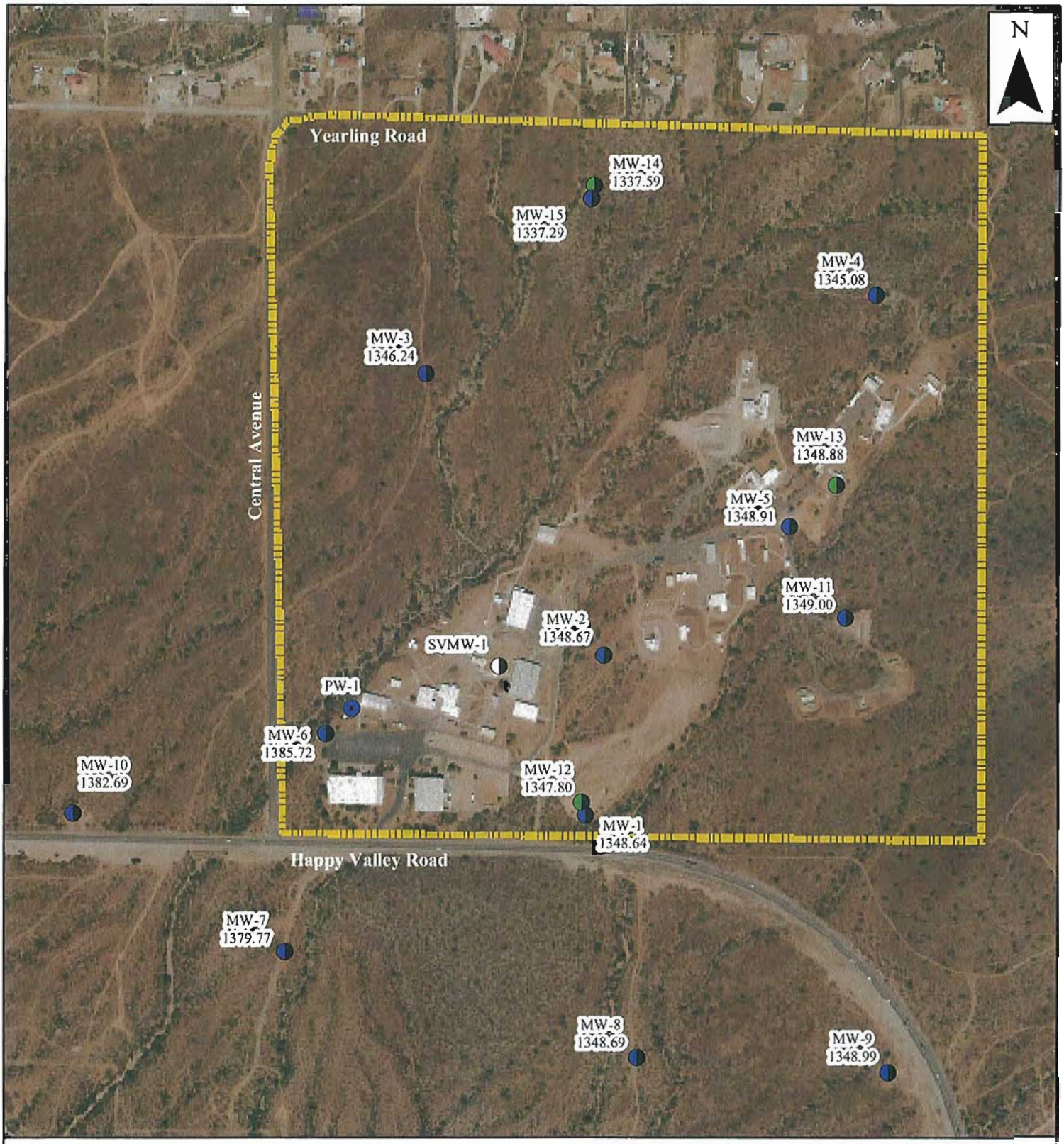

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.64 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
July 6, 2009
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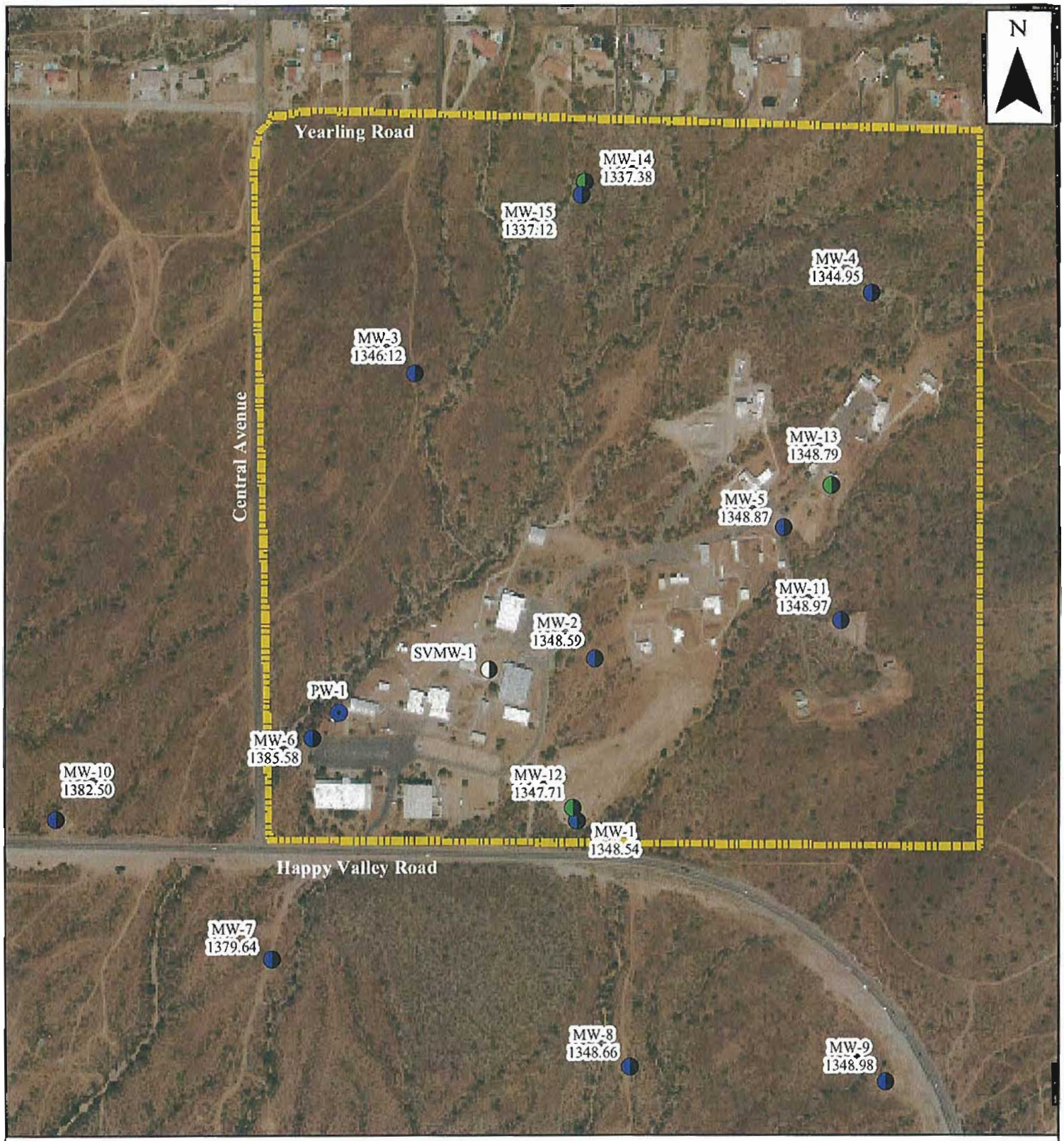

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.54 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
August 12 - 13, 2009
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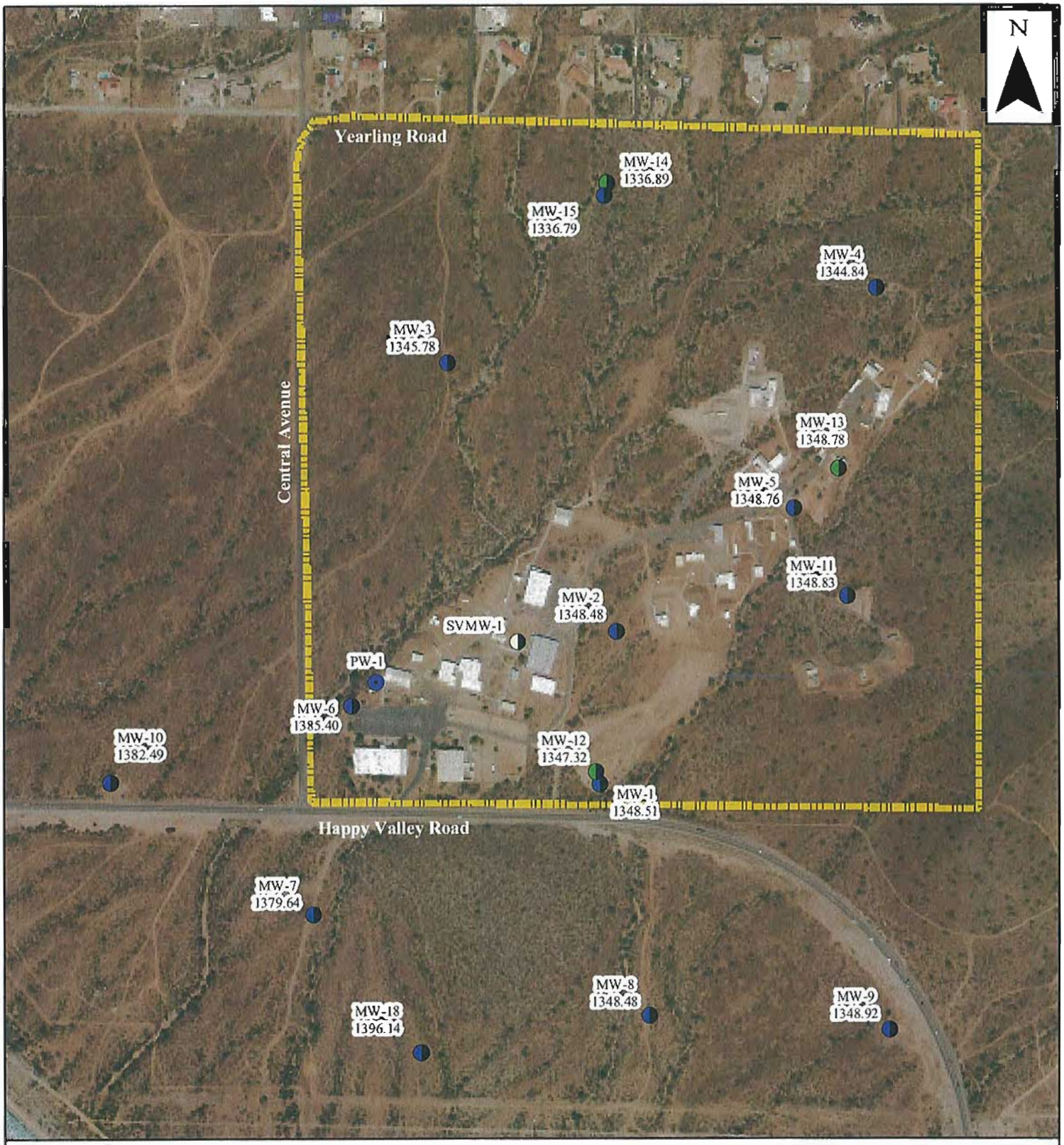

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

Note: MW-18 static water level recorded on October 7, 2009, due to slow recharge after well installation.

MW-1 — Well ID
1348.51 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
September 28, 2009
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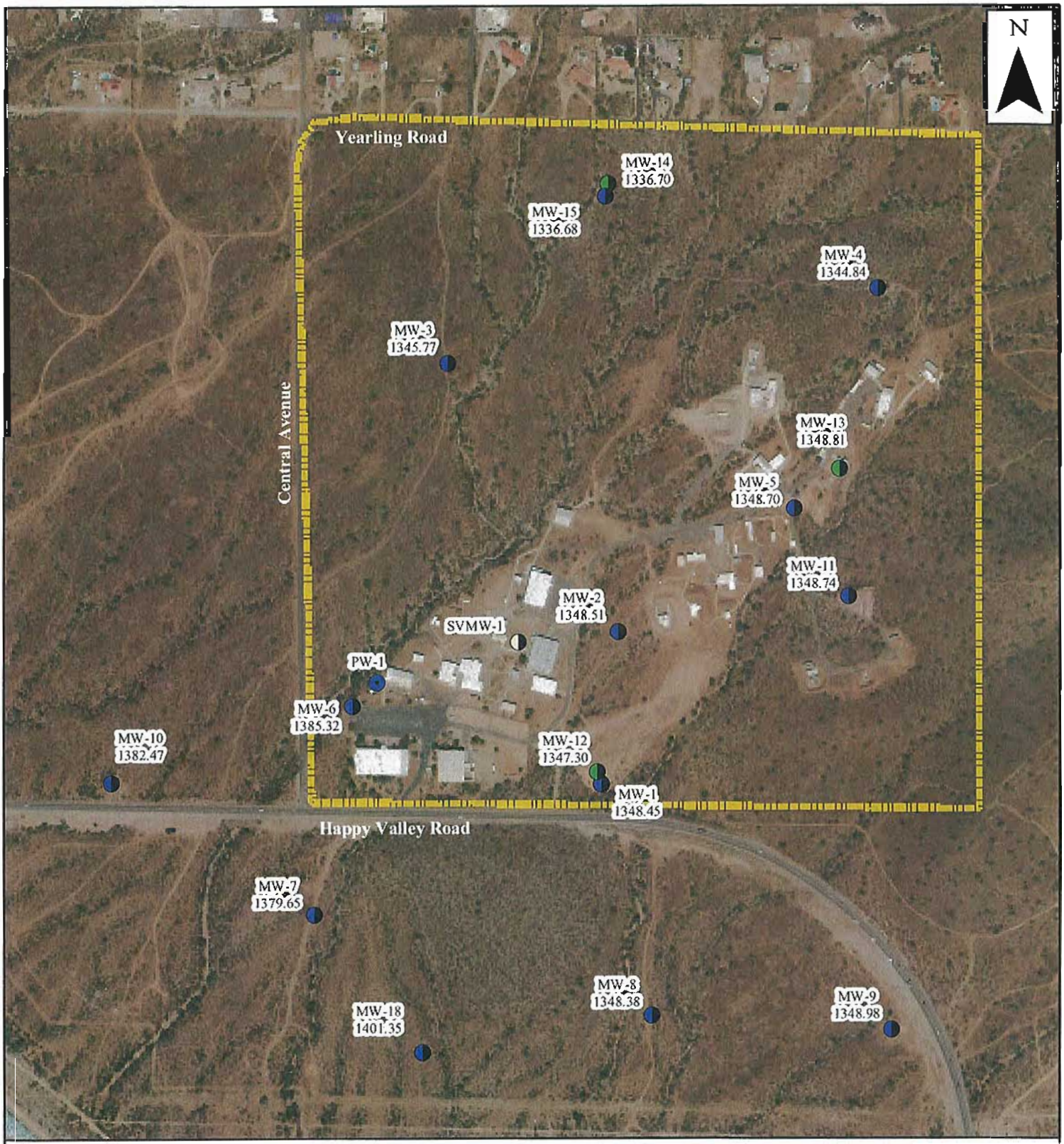
December 2010 | **Figure 13**



Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.45 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
October 27, 2009
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December 2010 | **Figure 14**

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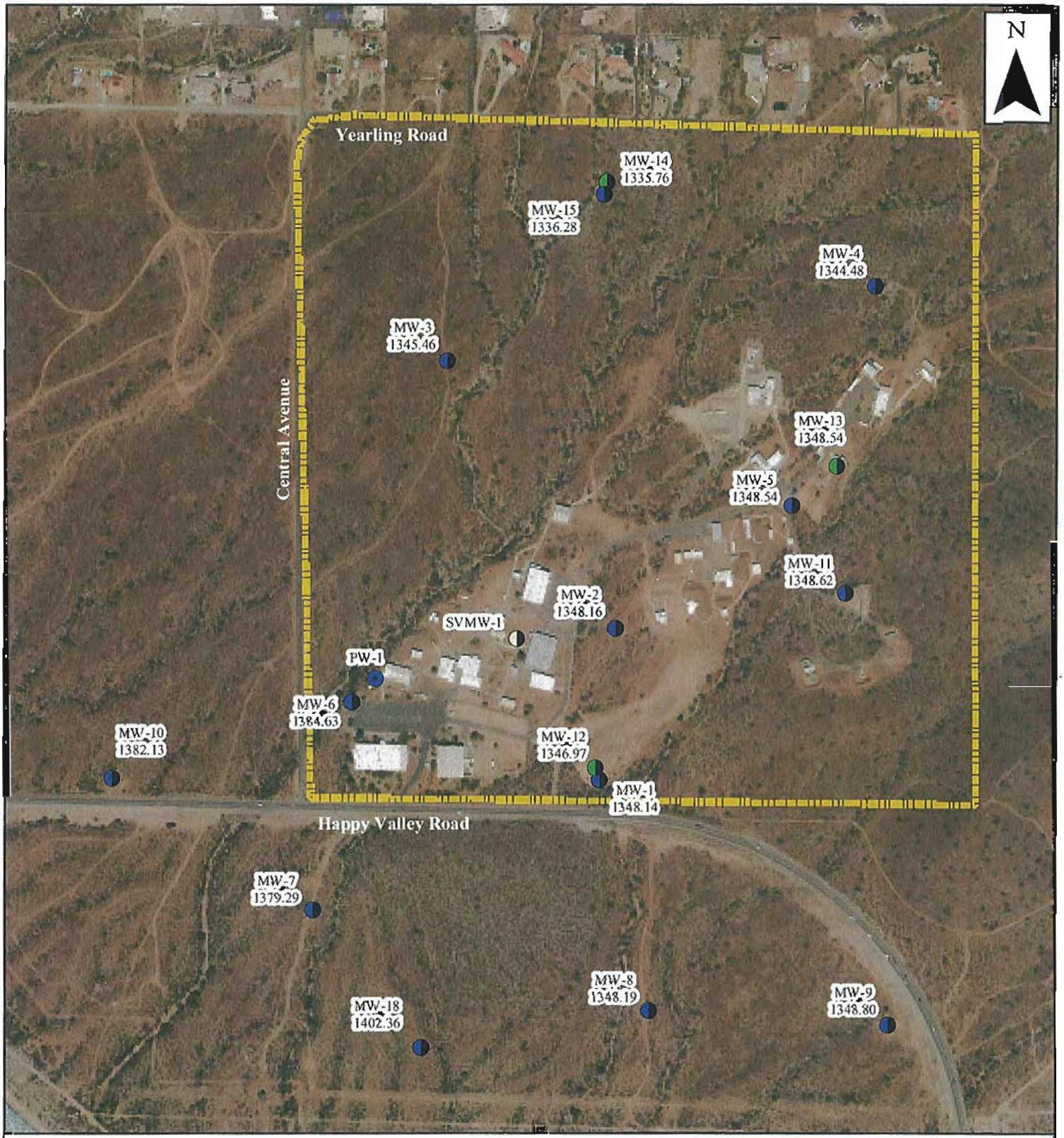

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.14 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevations
November 25, 2009
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December 2010 | **Figure 15**

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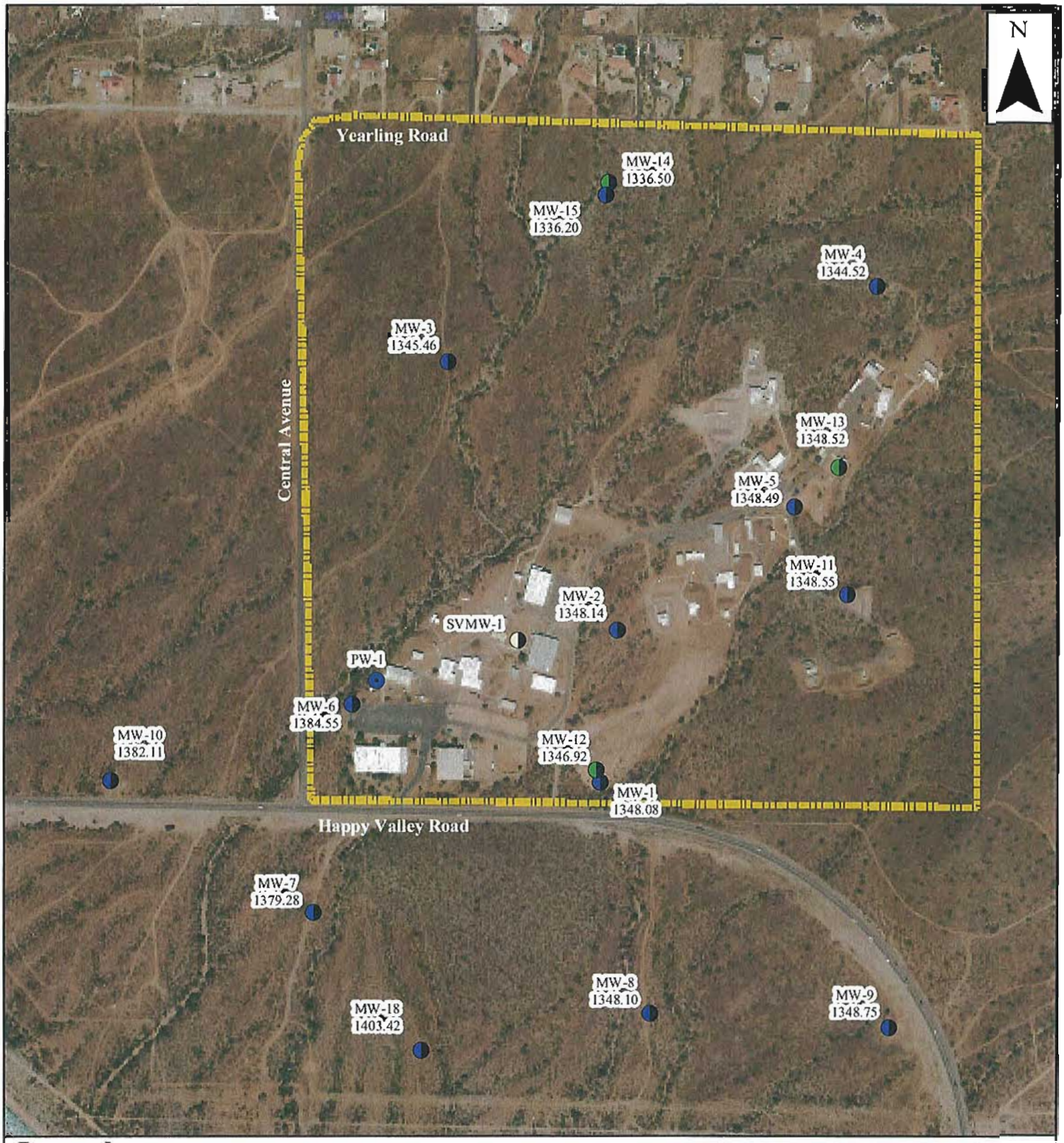

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Soil Vapor Monitor Well
- Lease Property Boundary

MW-1 — Well ID
1348.08 — Groundwater Elevation (ft amsl)

0 250 500 750 1,000
Feet

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Groundwater Elevation
December 18, 2009
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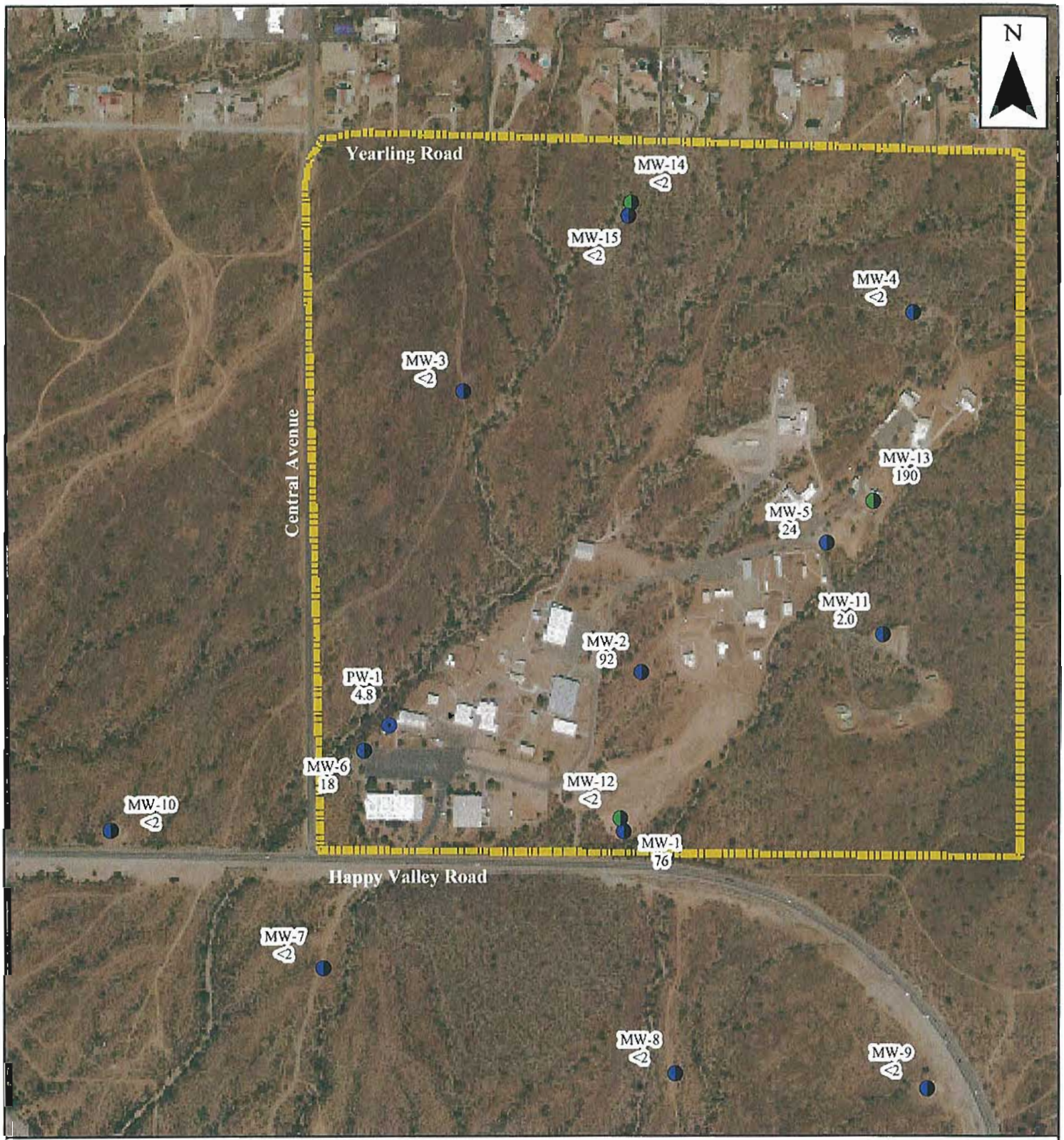

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Lease Property Boundary

MW-1 / 76 — Well ID / Perchlorate Concentration (µg/L)

0 250 500 750 1,000
Feet

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First Quarter 2009
Perchlorate Concentration Map
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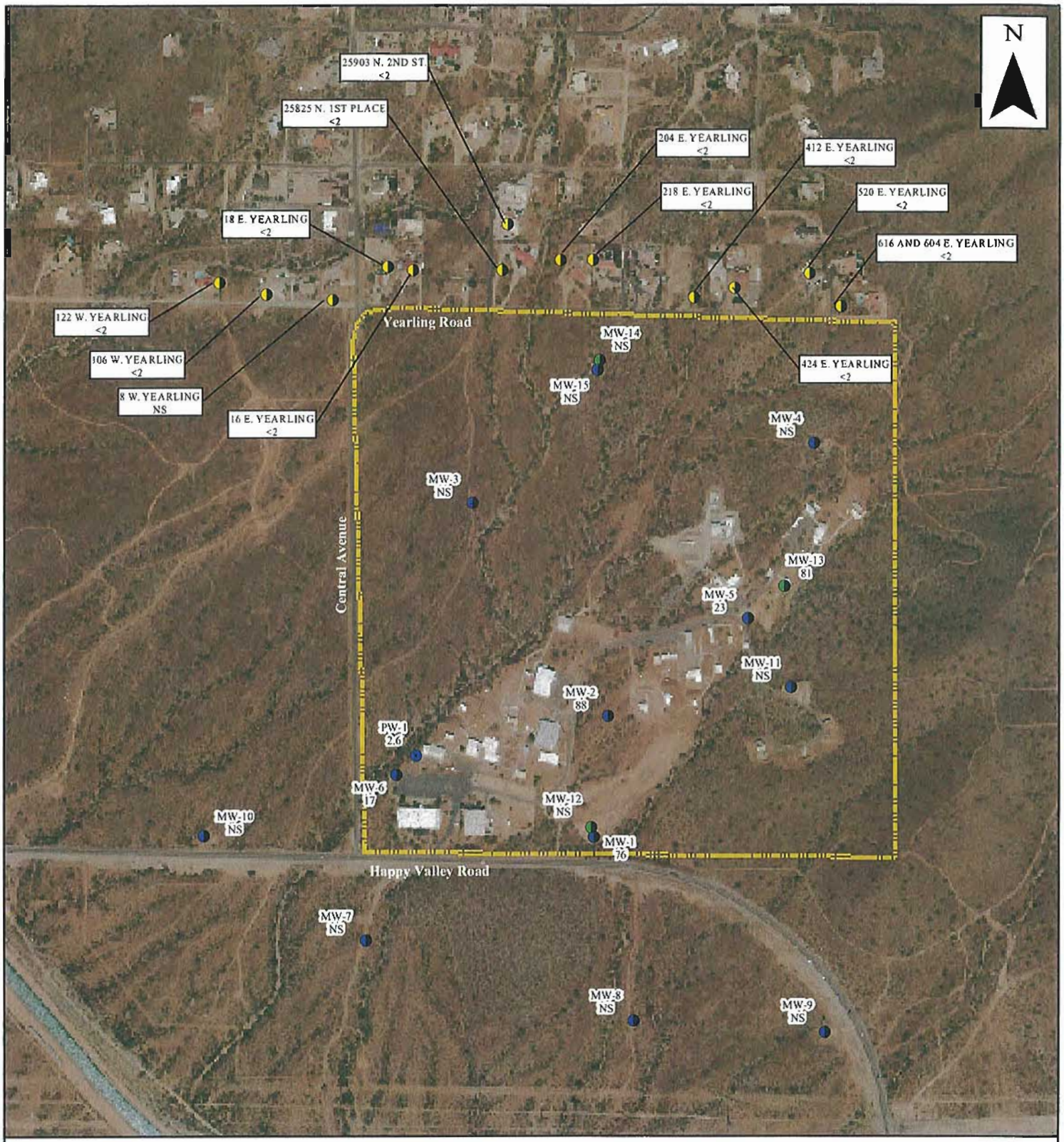

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Private Domestic Wells
- Lease Property Boundary

MW-1 / 76 — Well ID / Perchlorate Concentration (µg/L)

0 250 500 750 1,000
Feet

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Second Quarter 2009
Perchlorate Concentration Map
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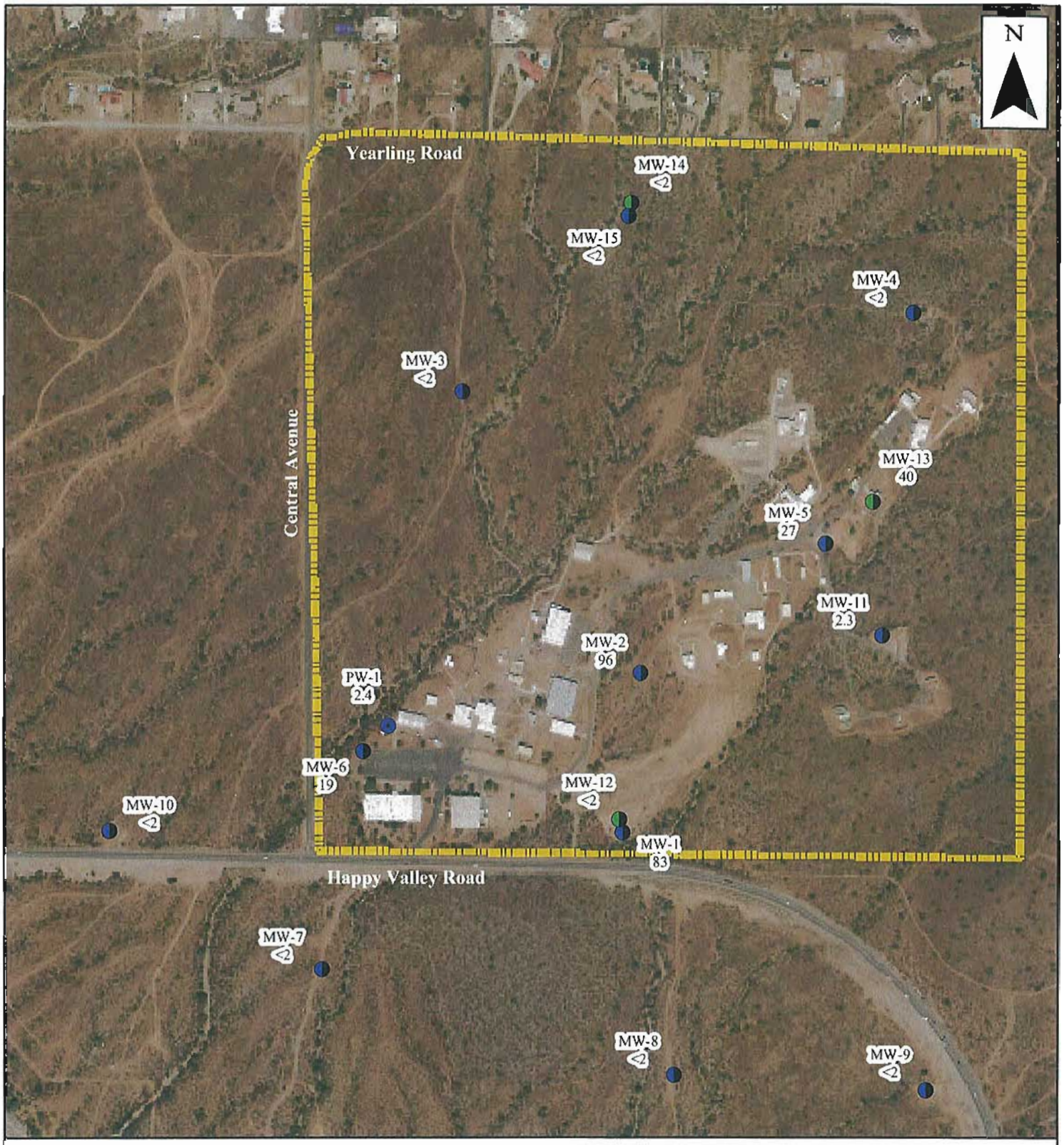

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Lease Property Boundary

MW-1 / 83 — Well ID / Perchlorate Concentration (µg/L)

0 250 500 750 1,000
Feet

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Third Quarter 2009
Perchlorate Concentration Map
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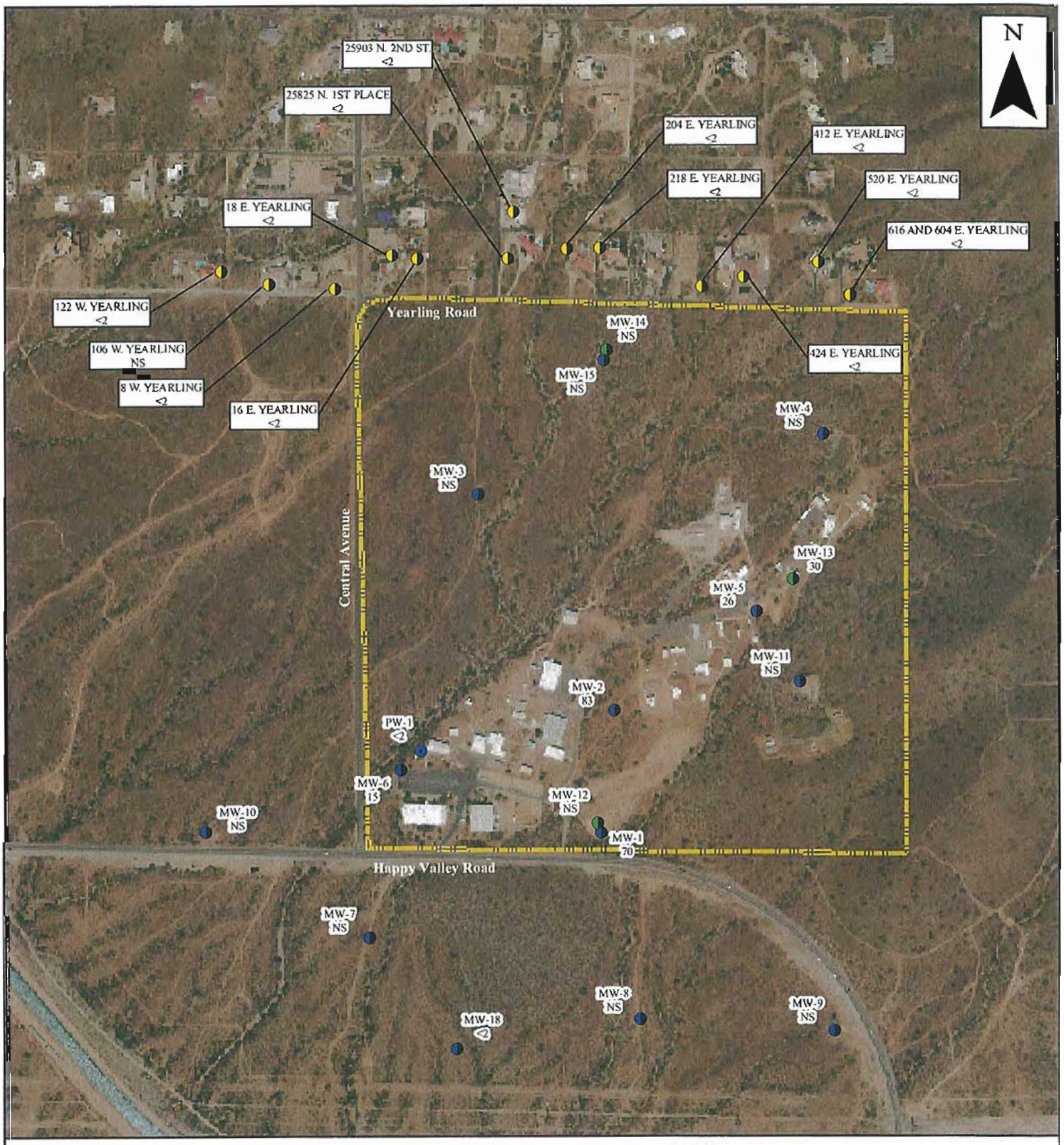

Legend

- Deep Monitor Well
- Monitor Well
- Production Well
- Private Domestic Wells
- Lease Property Boundary

MW-1 / 70 — Well ID / Perchlorate Concentration (µg/L)

0 250 500 750 1,000
Feet

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Fourth Quarter 2009
Perchlorate Concentration Map
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