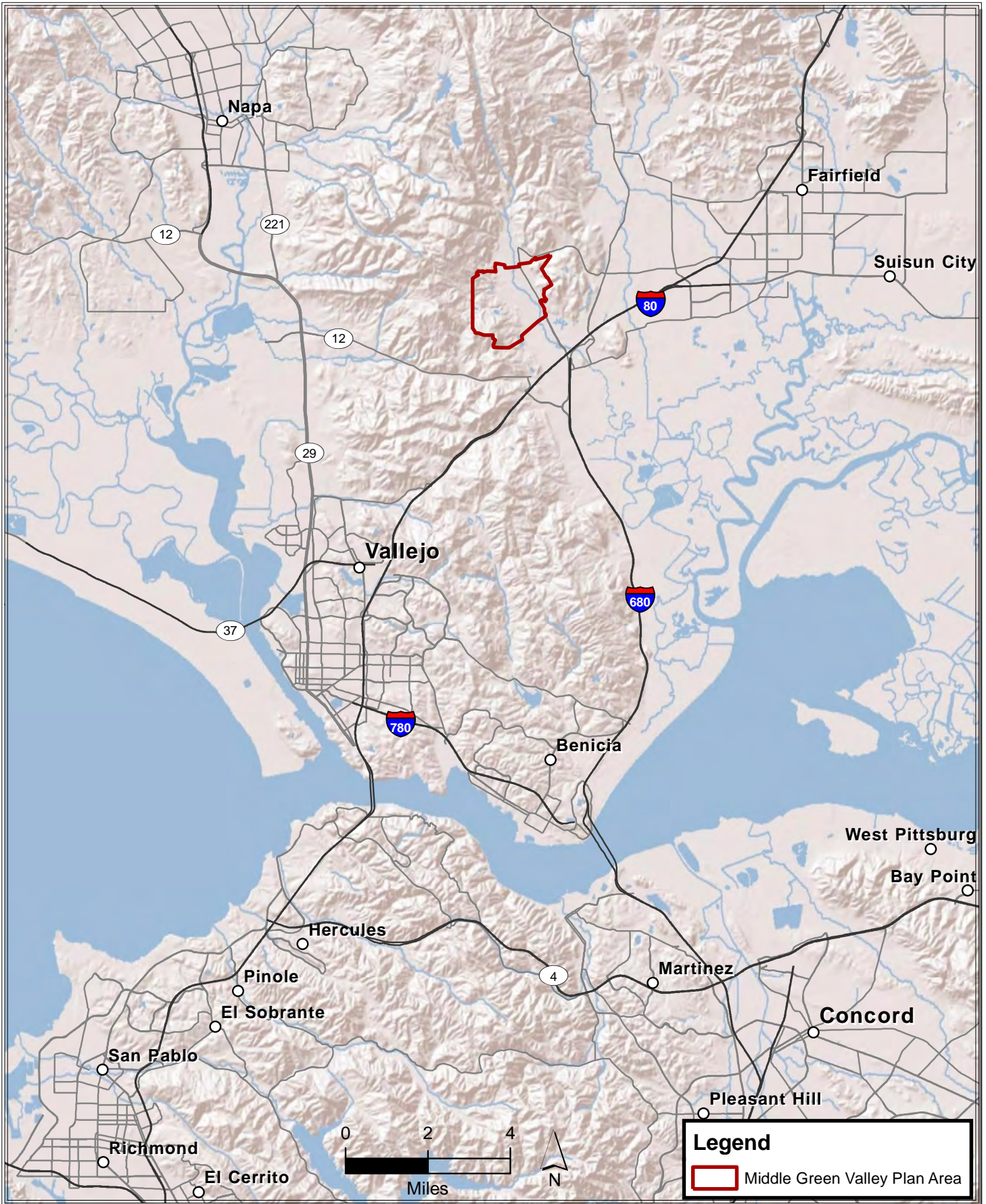
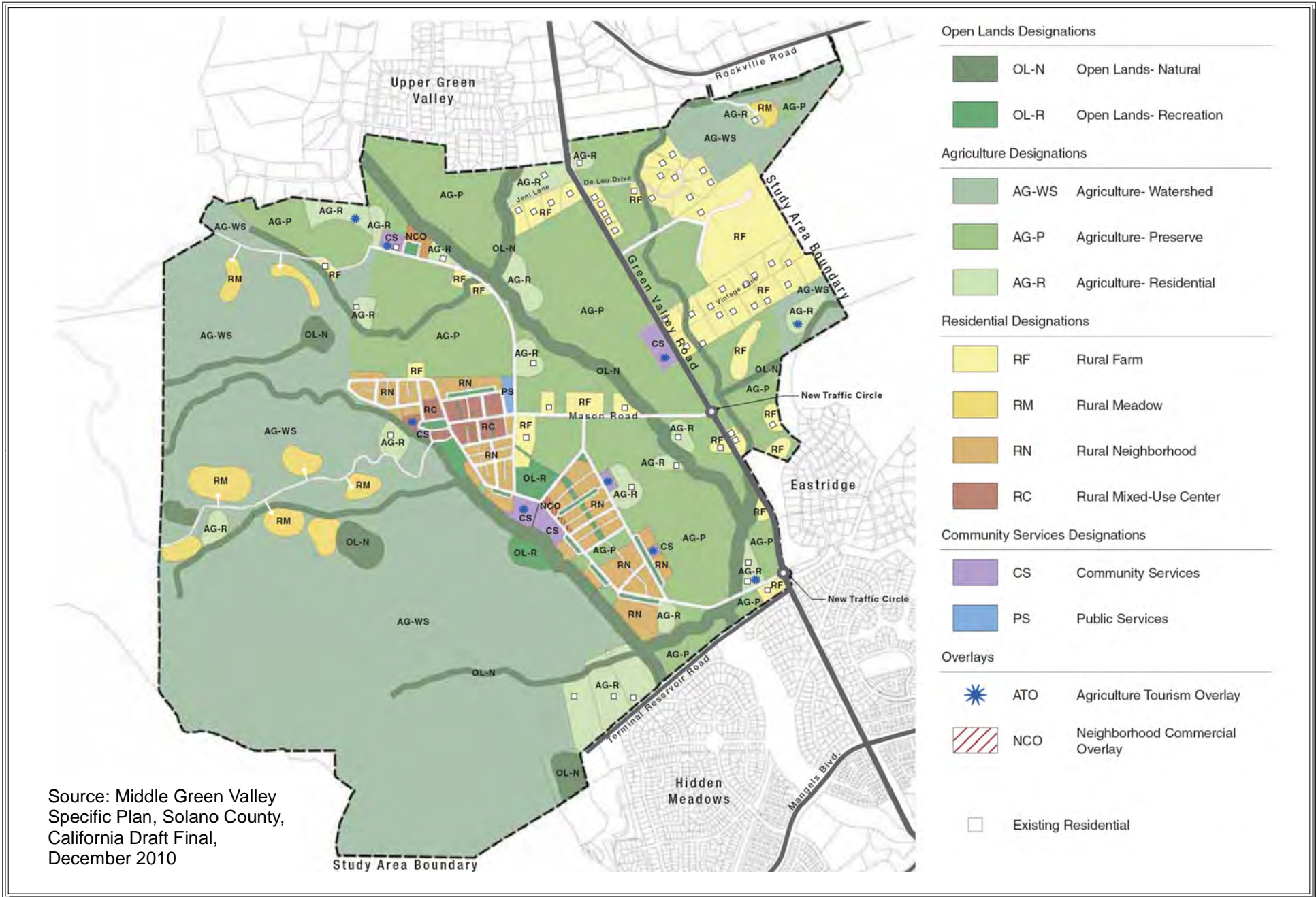


Figures



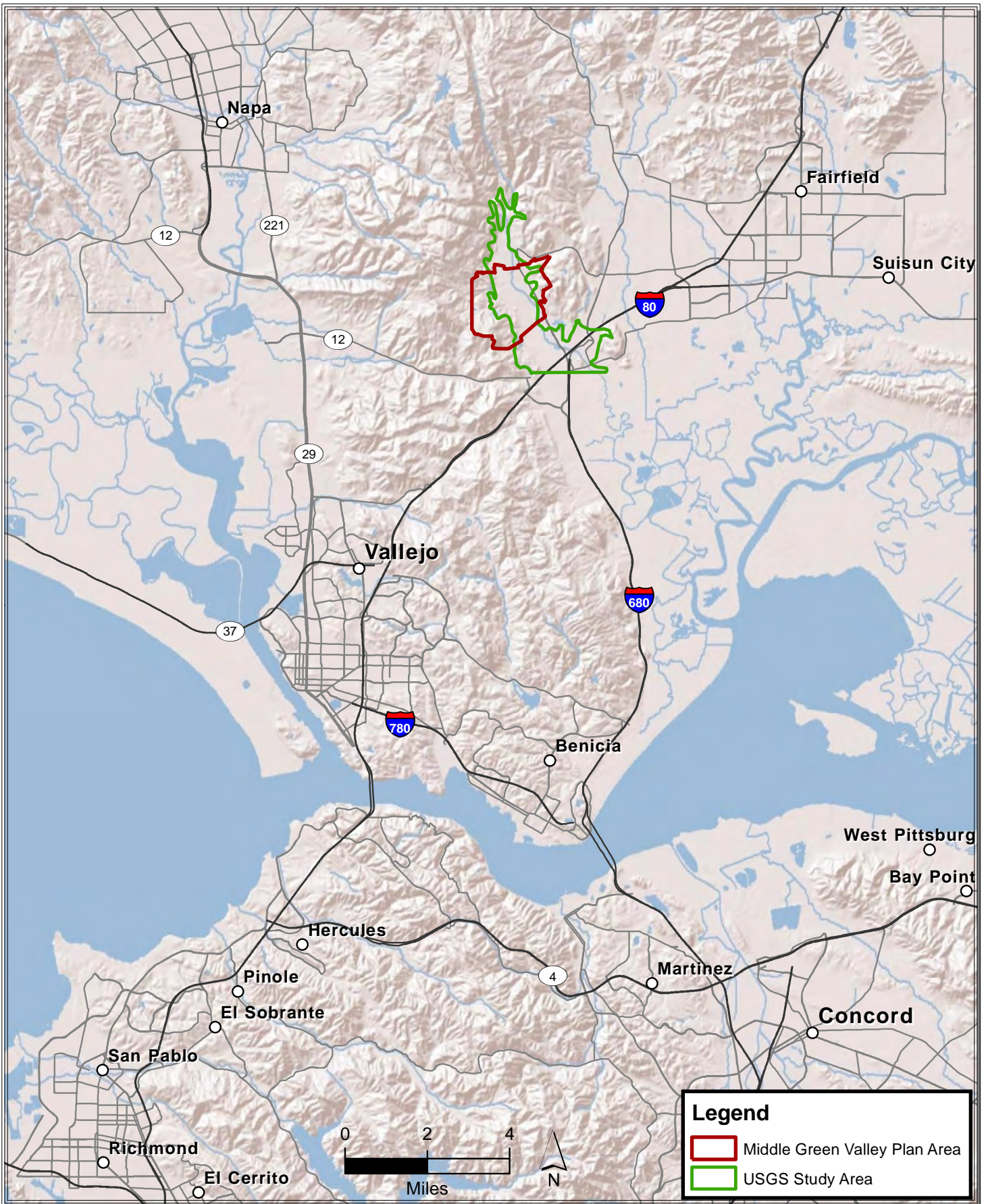
X:\2011 Job Files\11-112\GIS\Figure 1-1 Location Map.mxd

Figure 1-1
Location Map
Middle Green Valley Plan Area



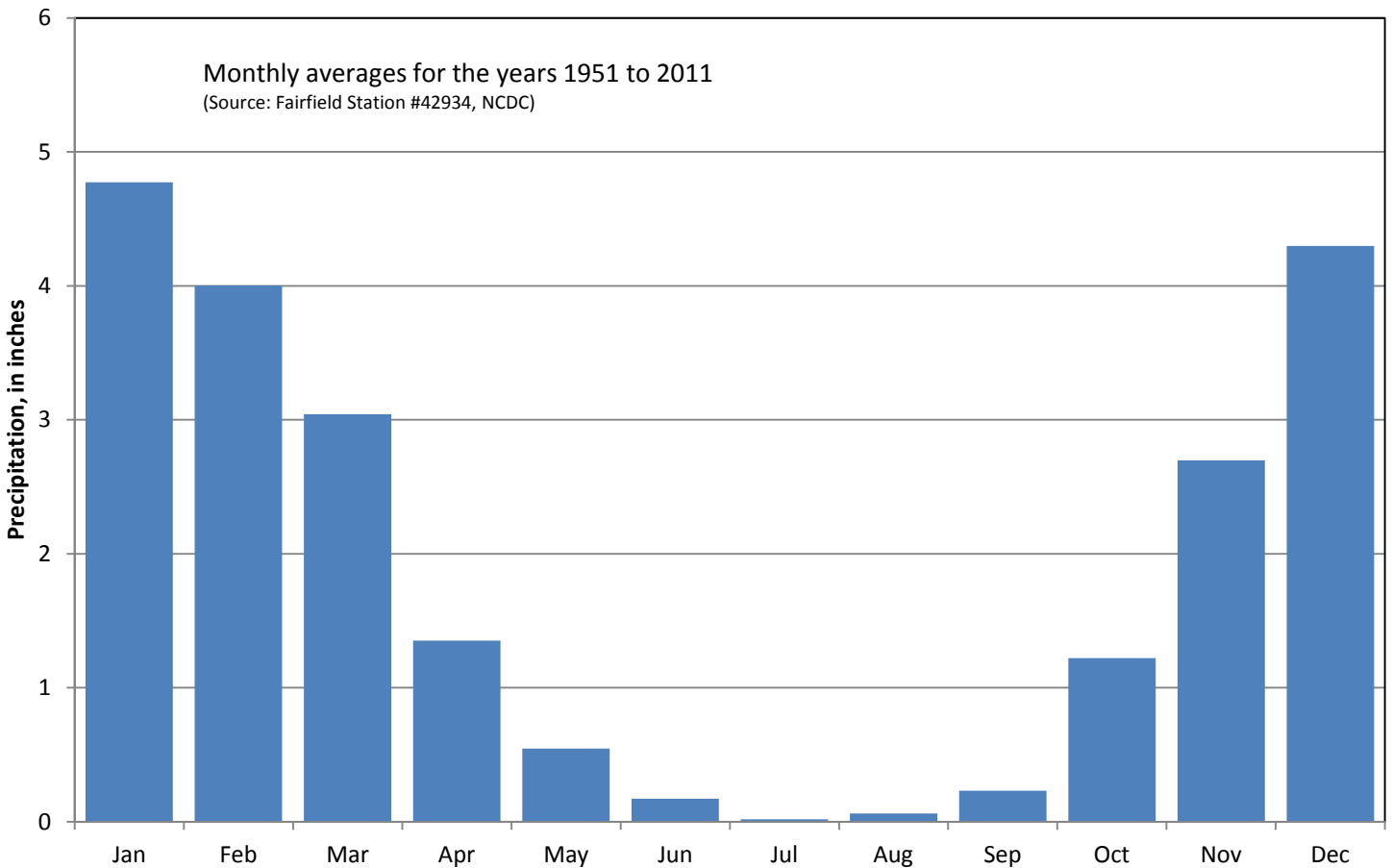
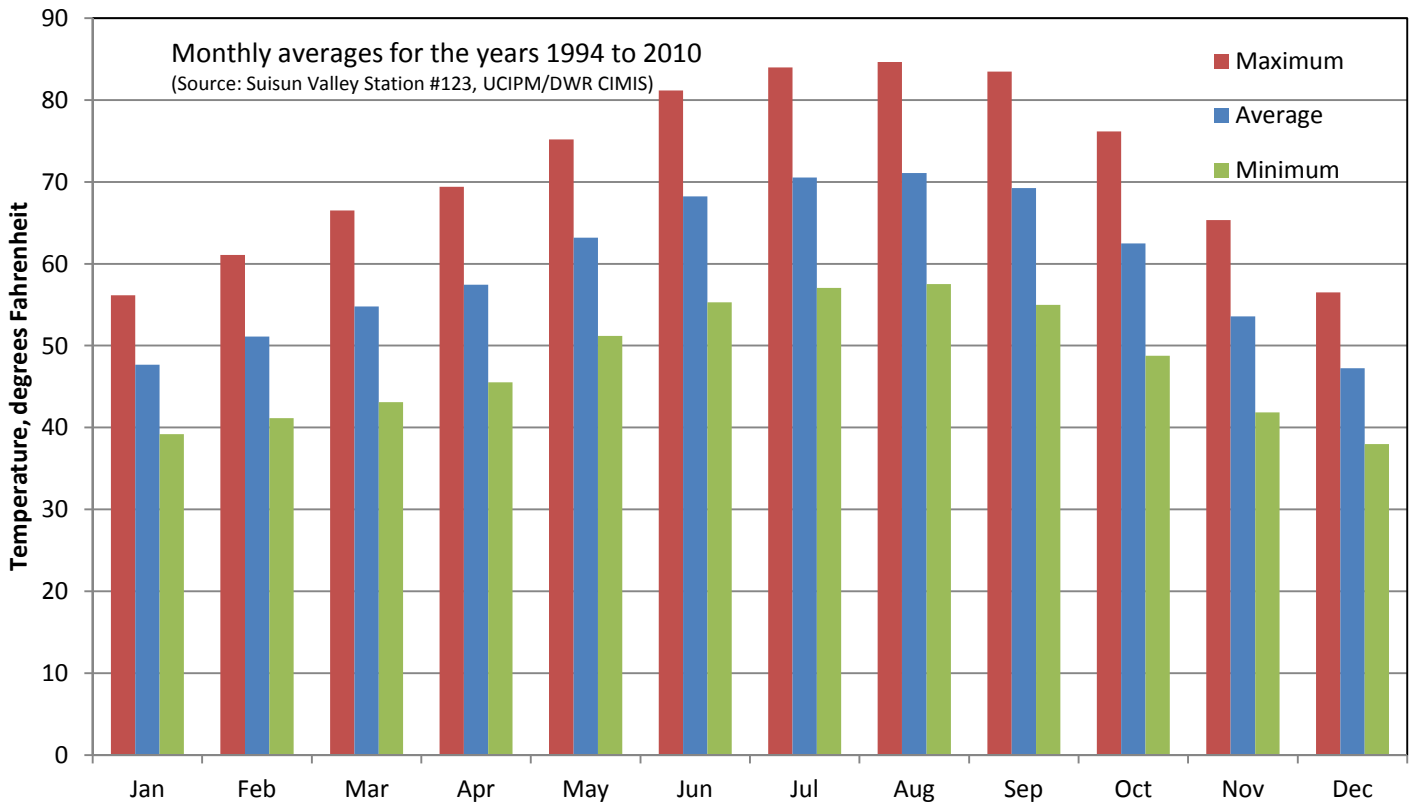
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Figure 1-2
Proposed Land Use Designations
Middle Green Valley Plan Area



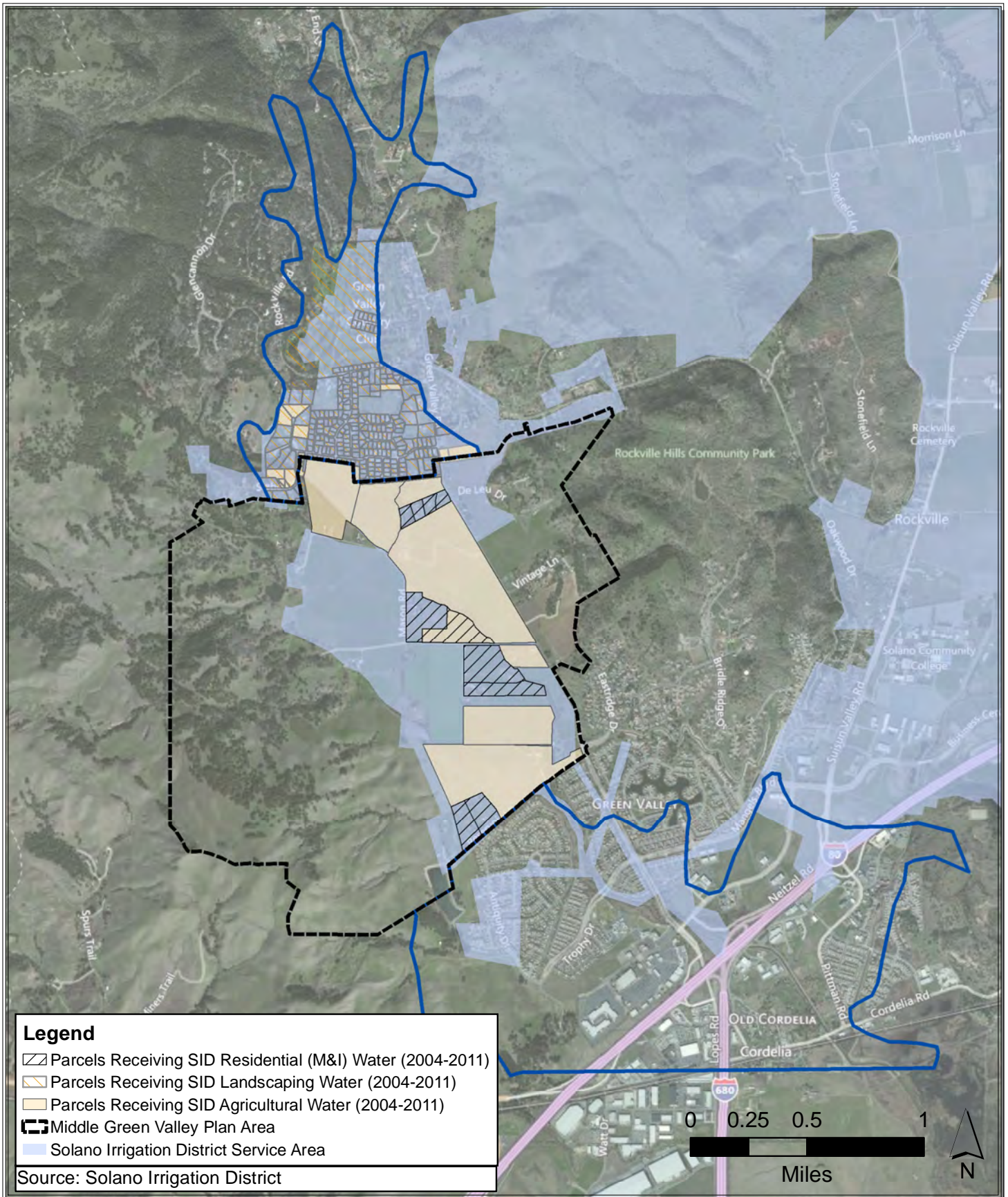
X:\2011 Job Files\11-112\GIS\Figure 1-1 Location Map.mxd

Figure 1-3
Location Map
Middle Green Valley Plan Area and USGS Study Area

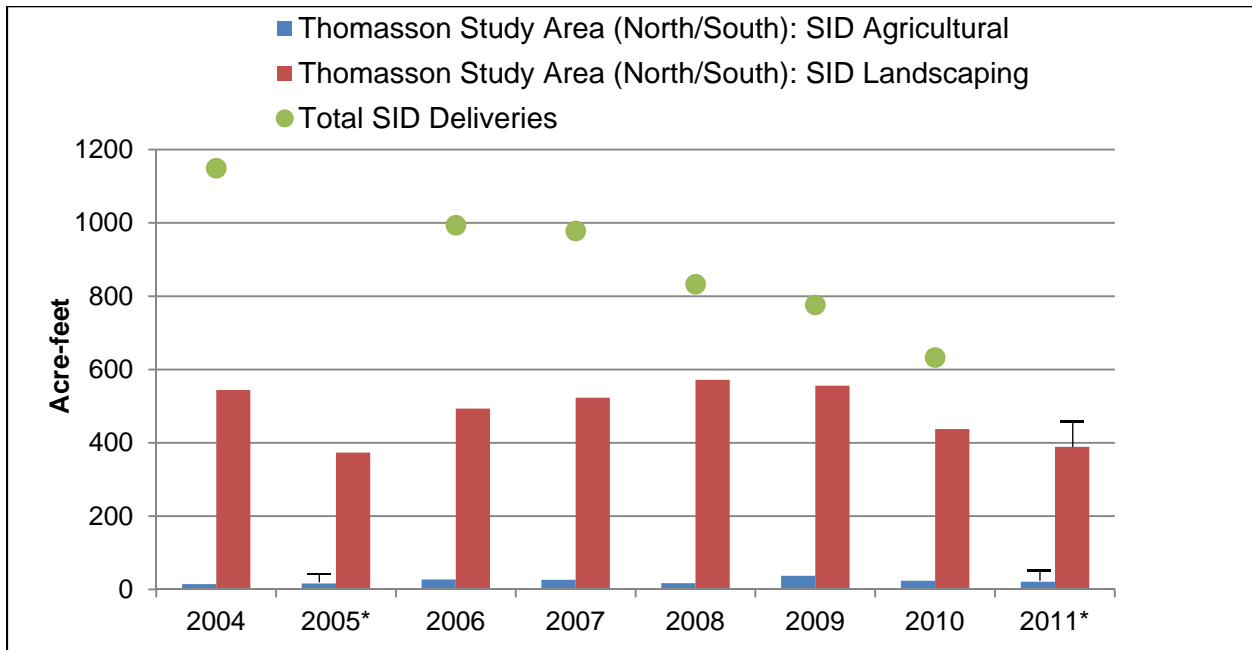
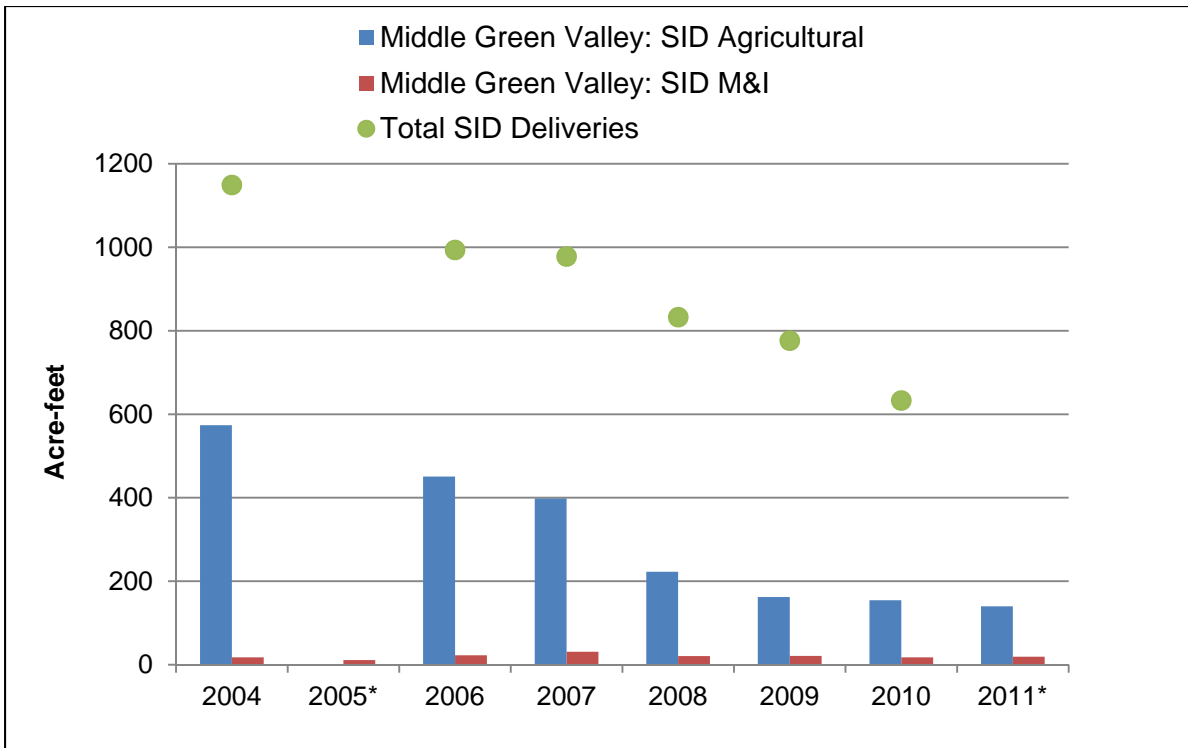


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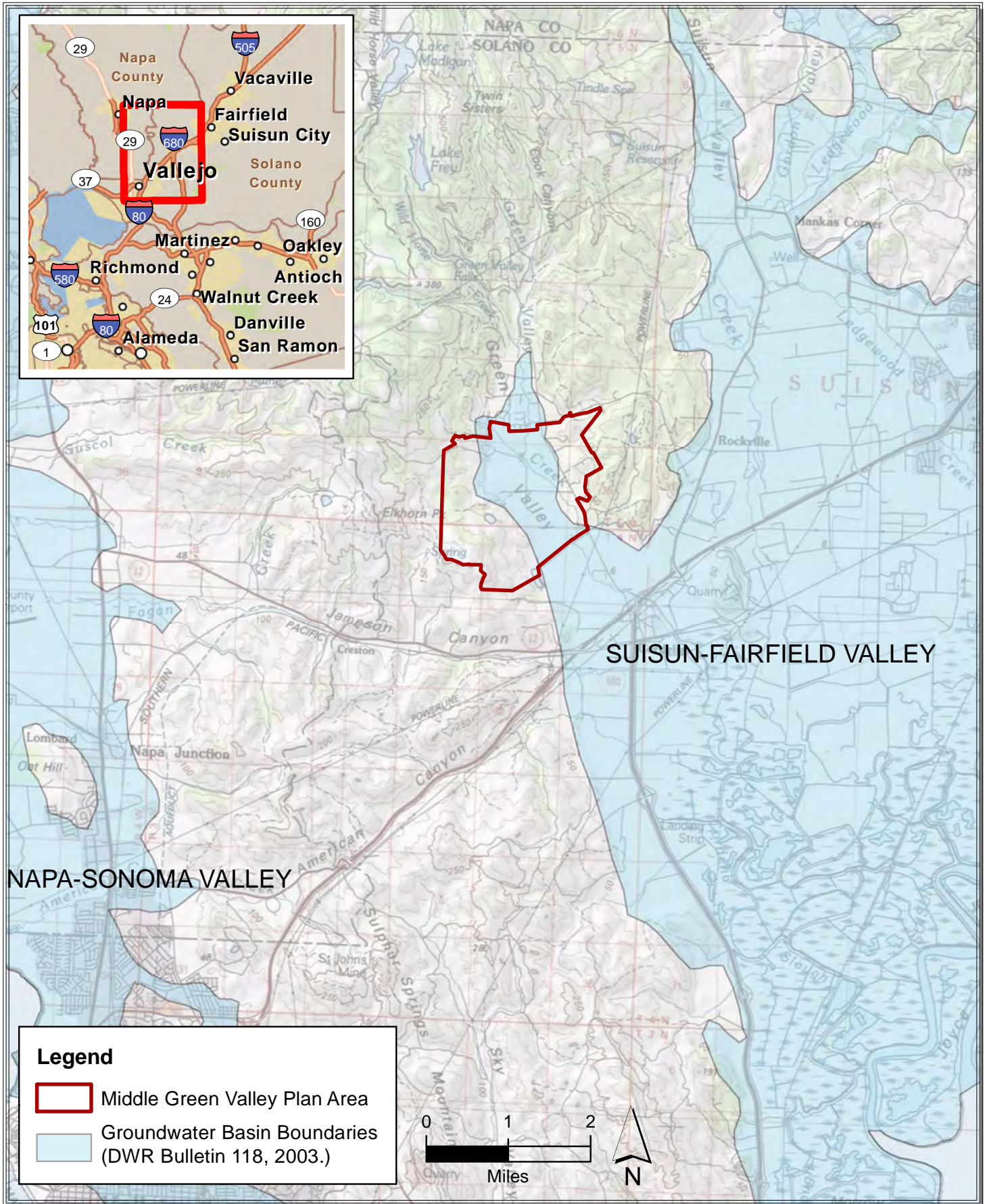
Figure 2-1
Average Monthly Temperature and Precipitation
Suisun Valley and Fairfield Stations



X:\2011 Job Files\11-112\GIS\Figure 2-x SID Deliveries.mxd

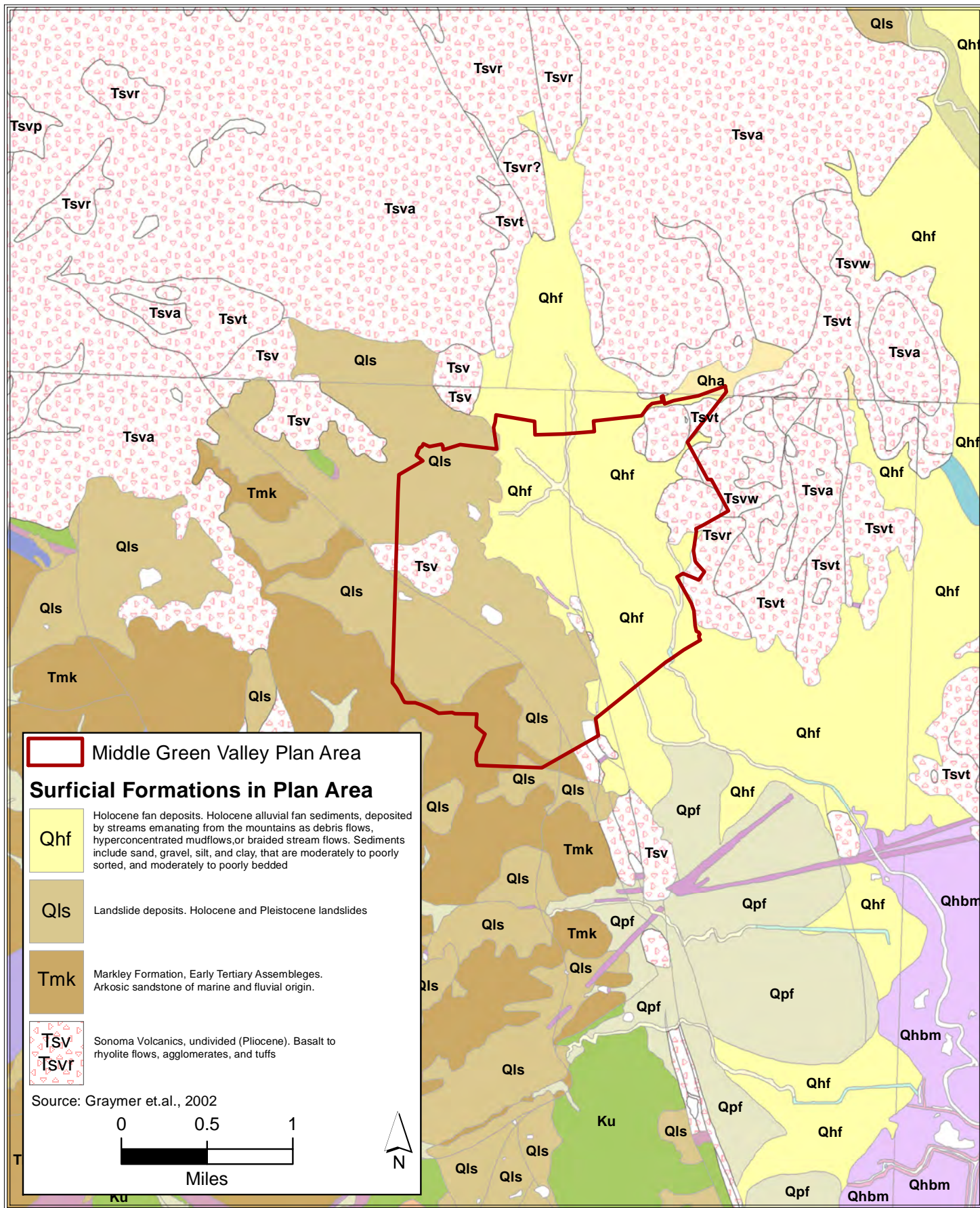


* Data provided by SID did not include Middle Green Valley Plan Area agricultural water deliveries for 2012; or Middle Green Valley Plan Area municipal and industrial deliveries for 2012; nor complete Thomasson study area (north/south) agricultural deliveries for 2005, 2011, or 2012.



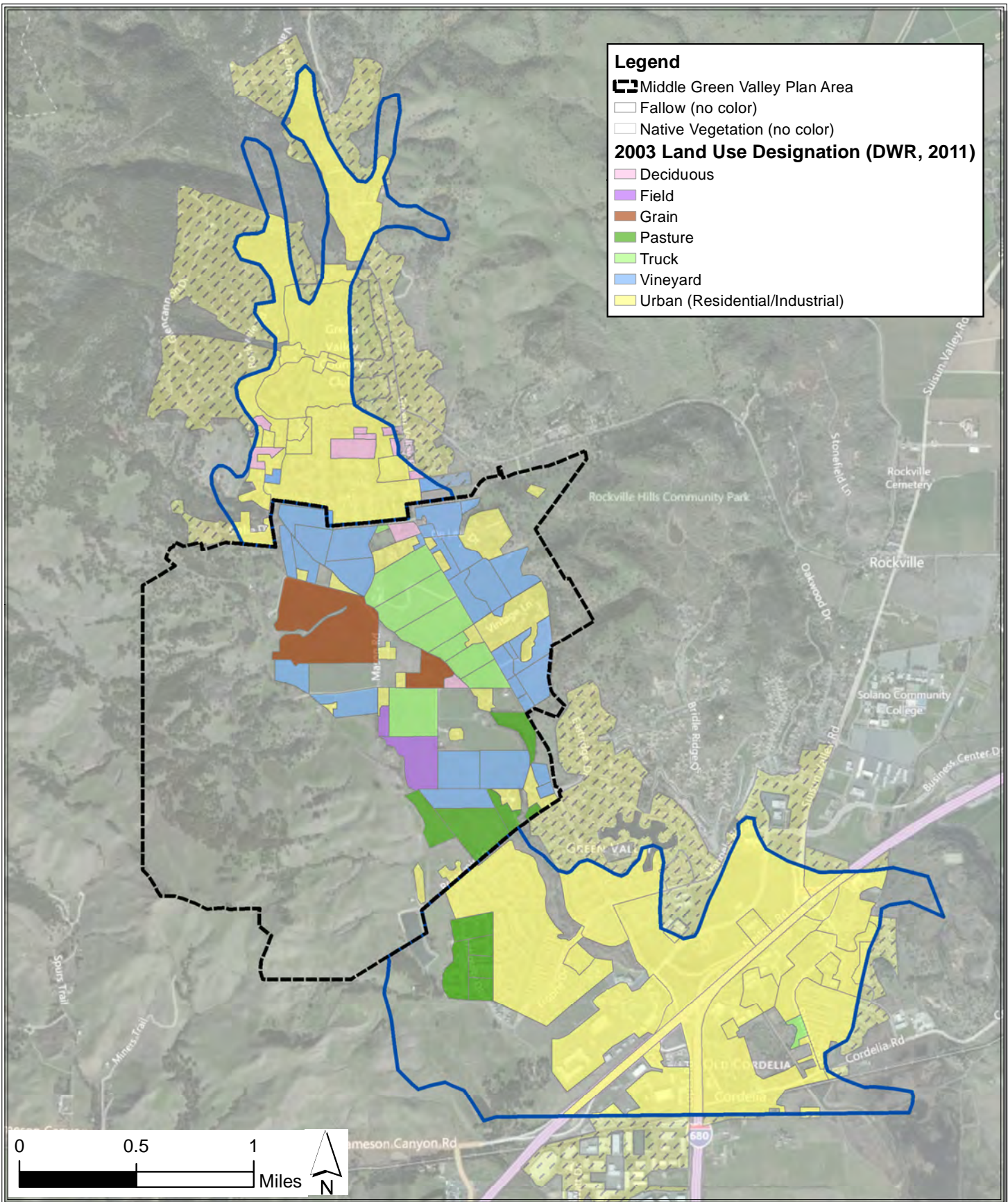
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Figure 3-1
Suisun-Fairfield Valley Groundwater Basin
and Middle Green Valley Plan Area

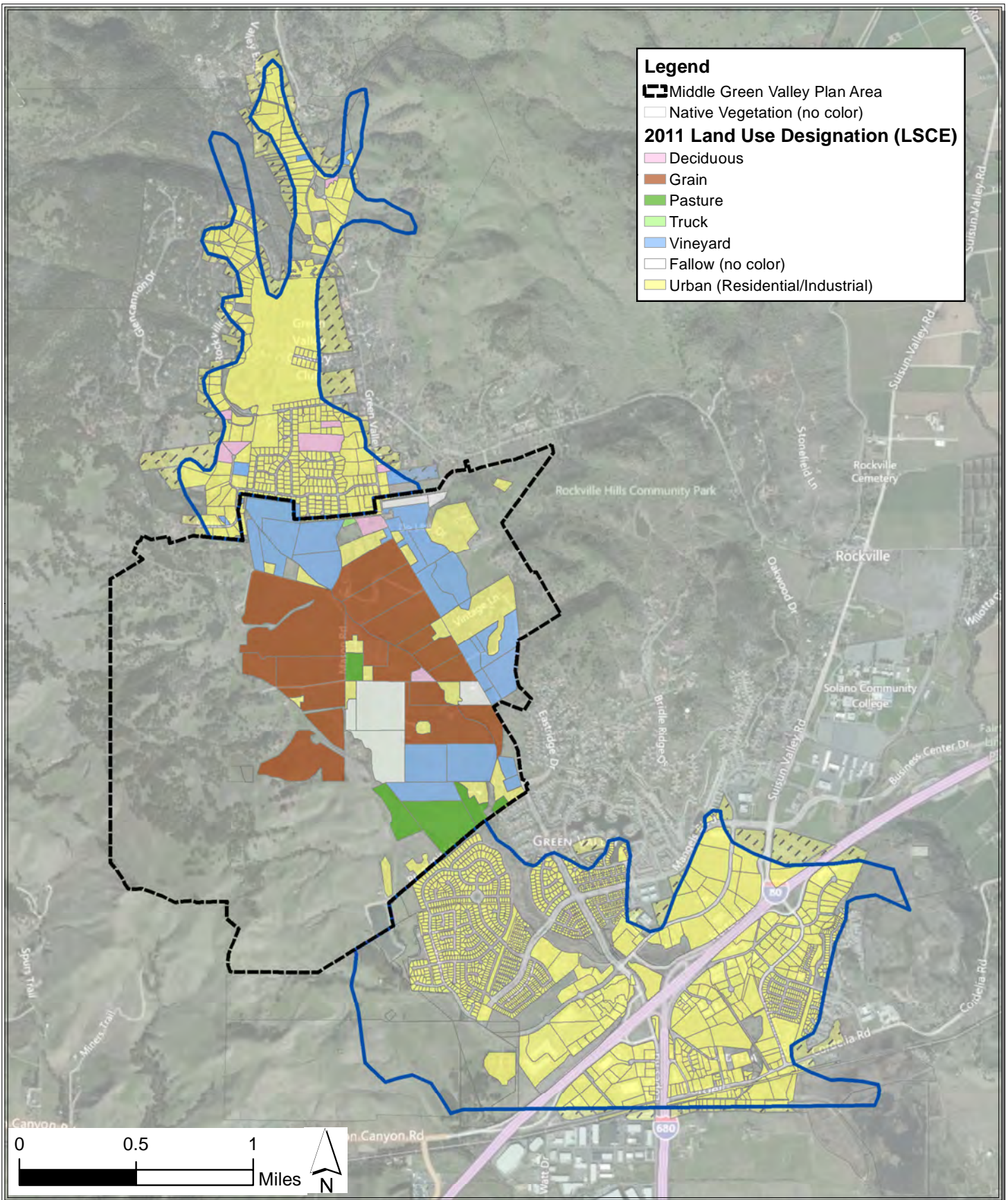


X:\2011 Job Files\11-112\GIS\Geology Map Green Valley Area, Solano County, California.mxd

Figure 3-2
Geologic Map: Green Valley Area
Solano County, California



X:\2011 Job Files\11-112\GIS\Expanded WSA Figures\Figure 4-x 2003 Landuse.mxd



X:\2011 Job Files\11-112\GIS\Expanded WSA Figures\Figure 4-x 2011 Landuse.mxd

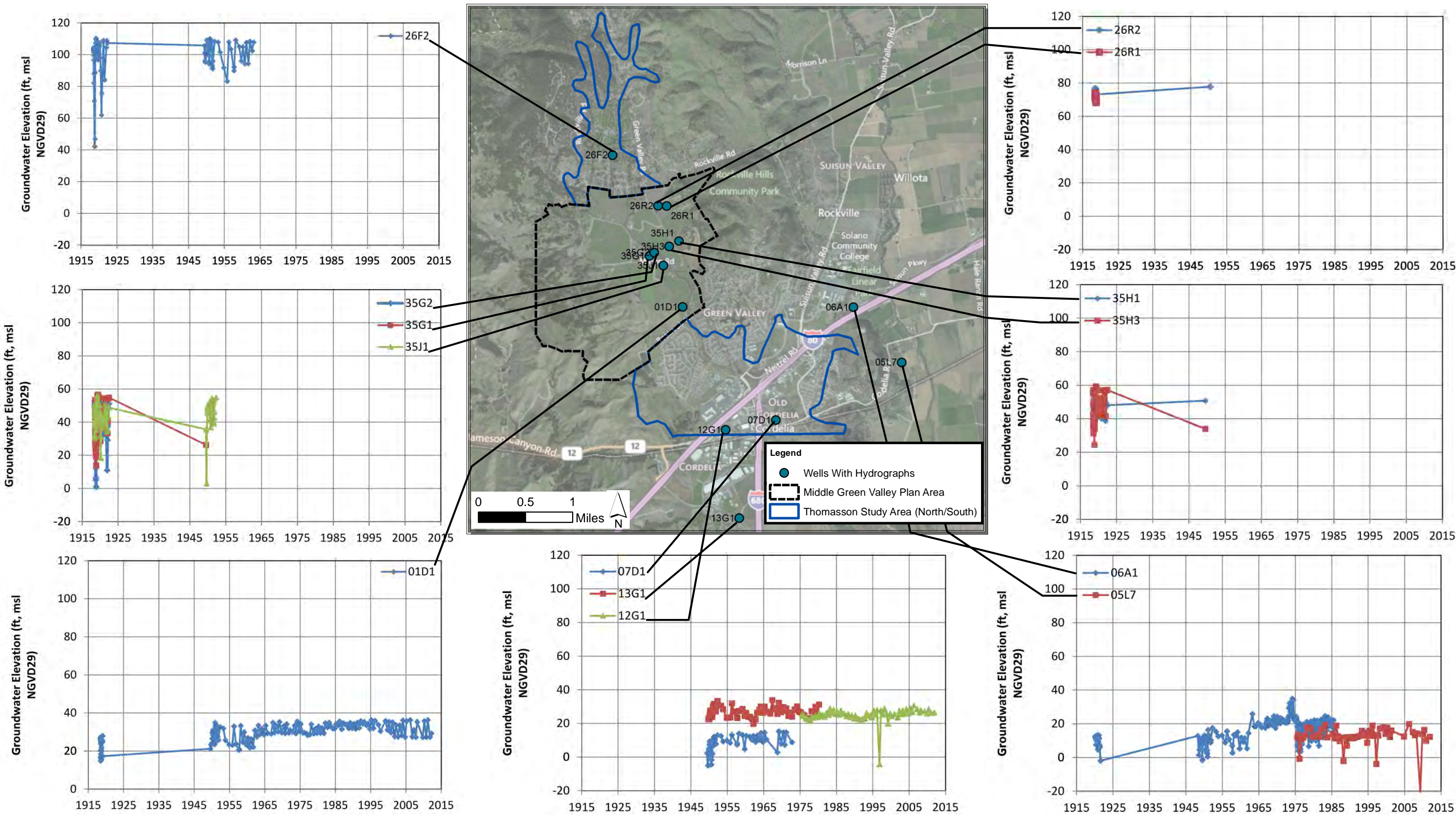
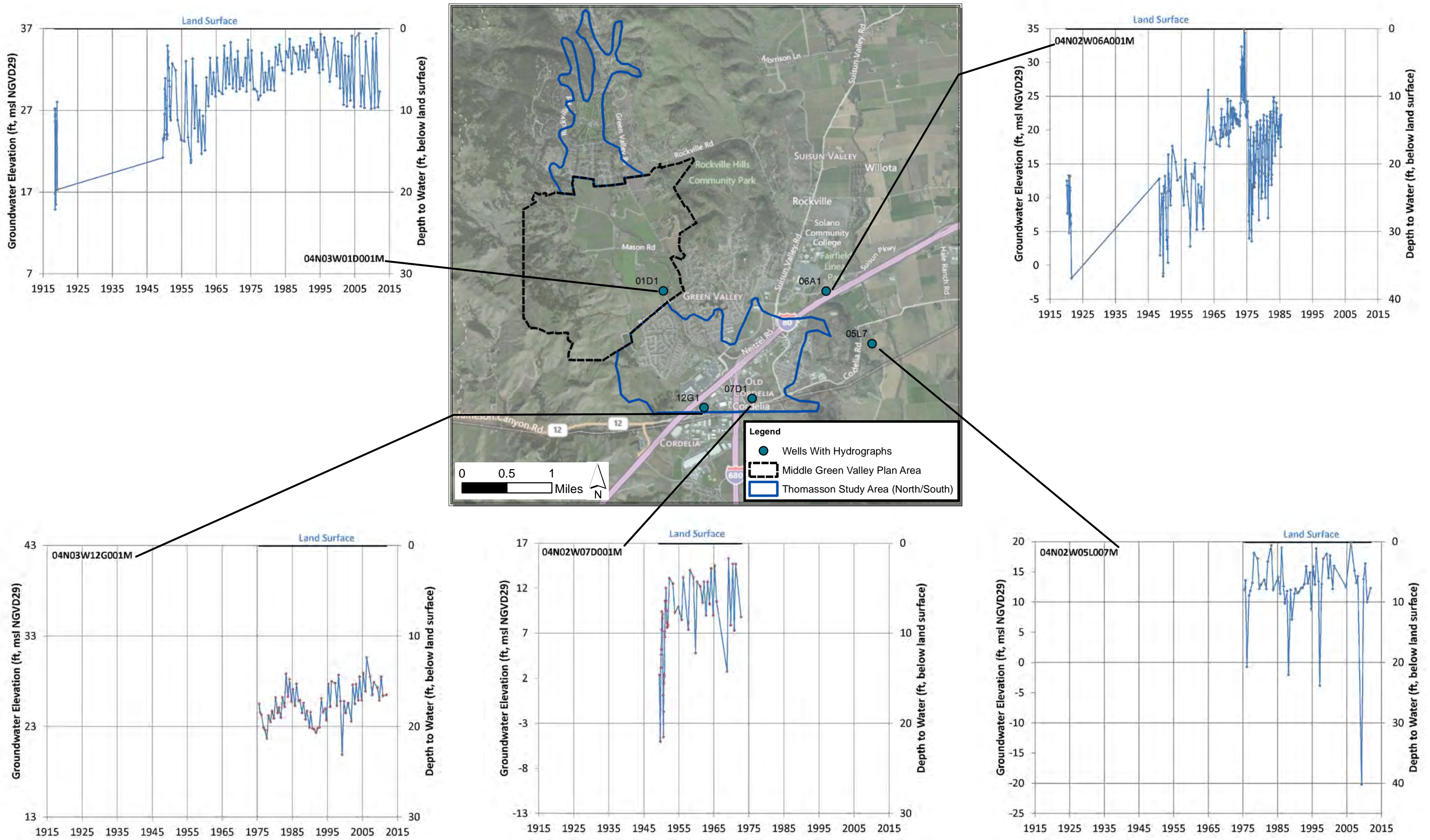
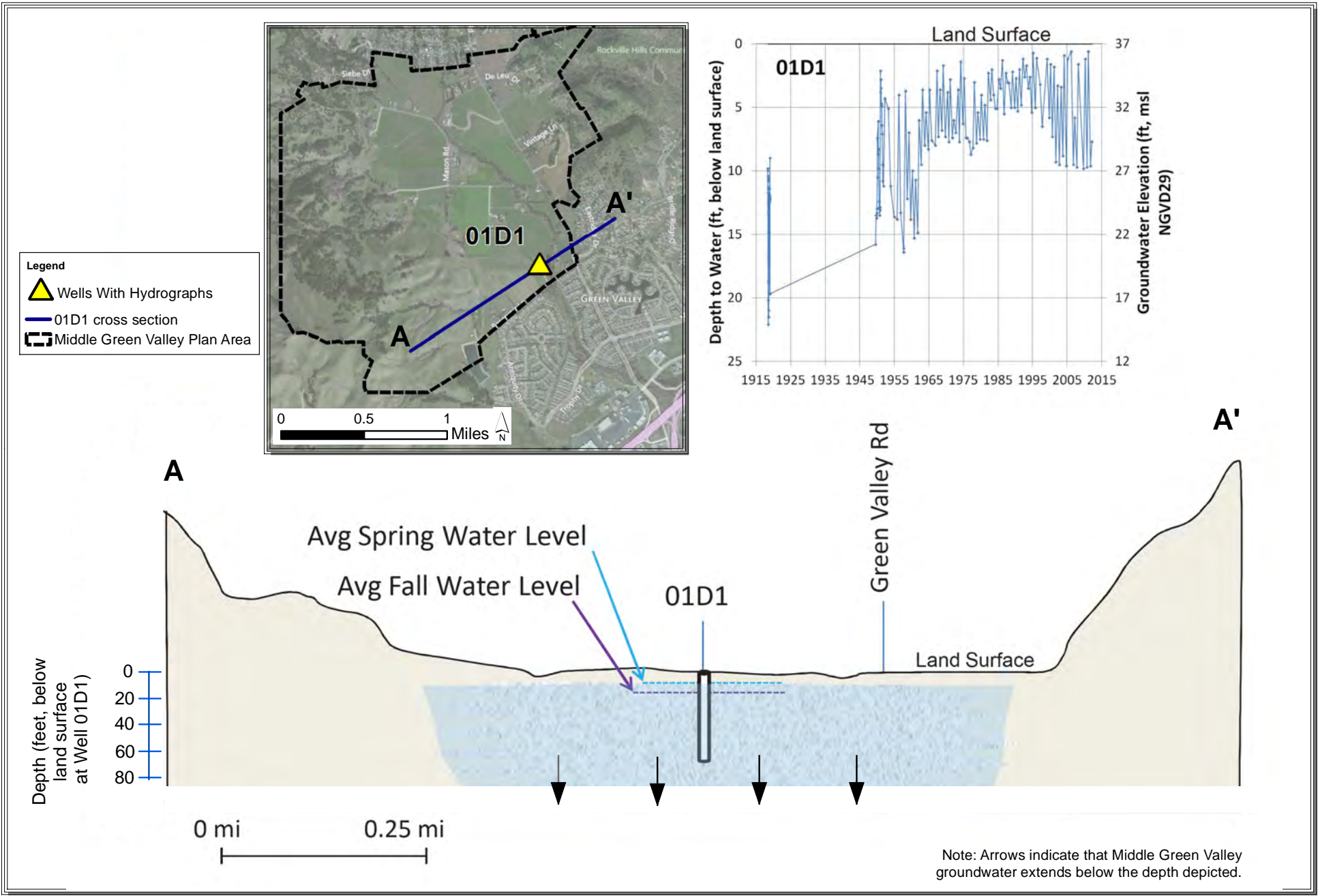


Figure 4-3
Wells with Water Level Data
Representative Hydrographs



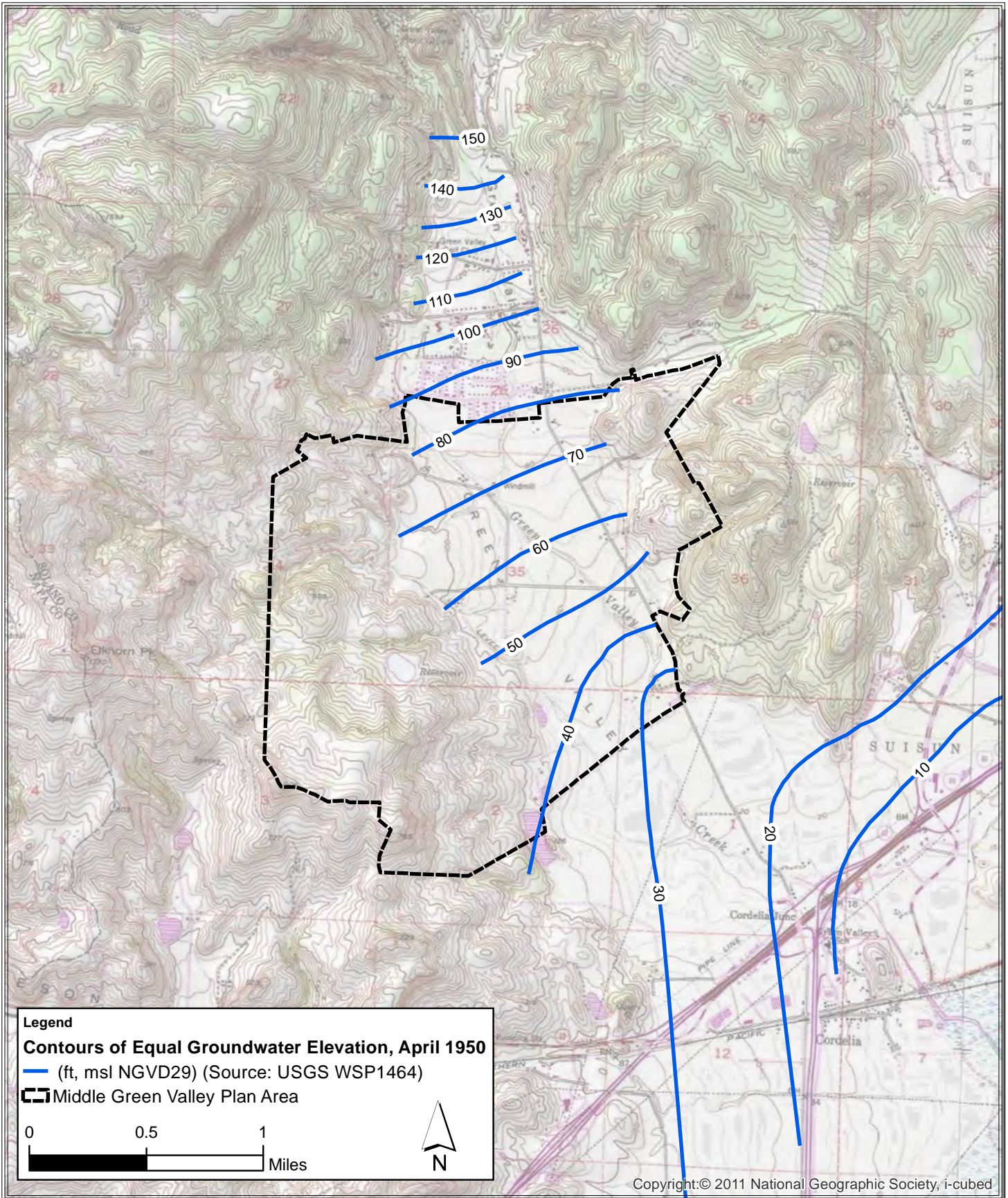
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Figure 4-4
Wells with Water Level Data
Representative Depths to Water

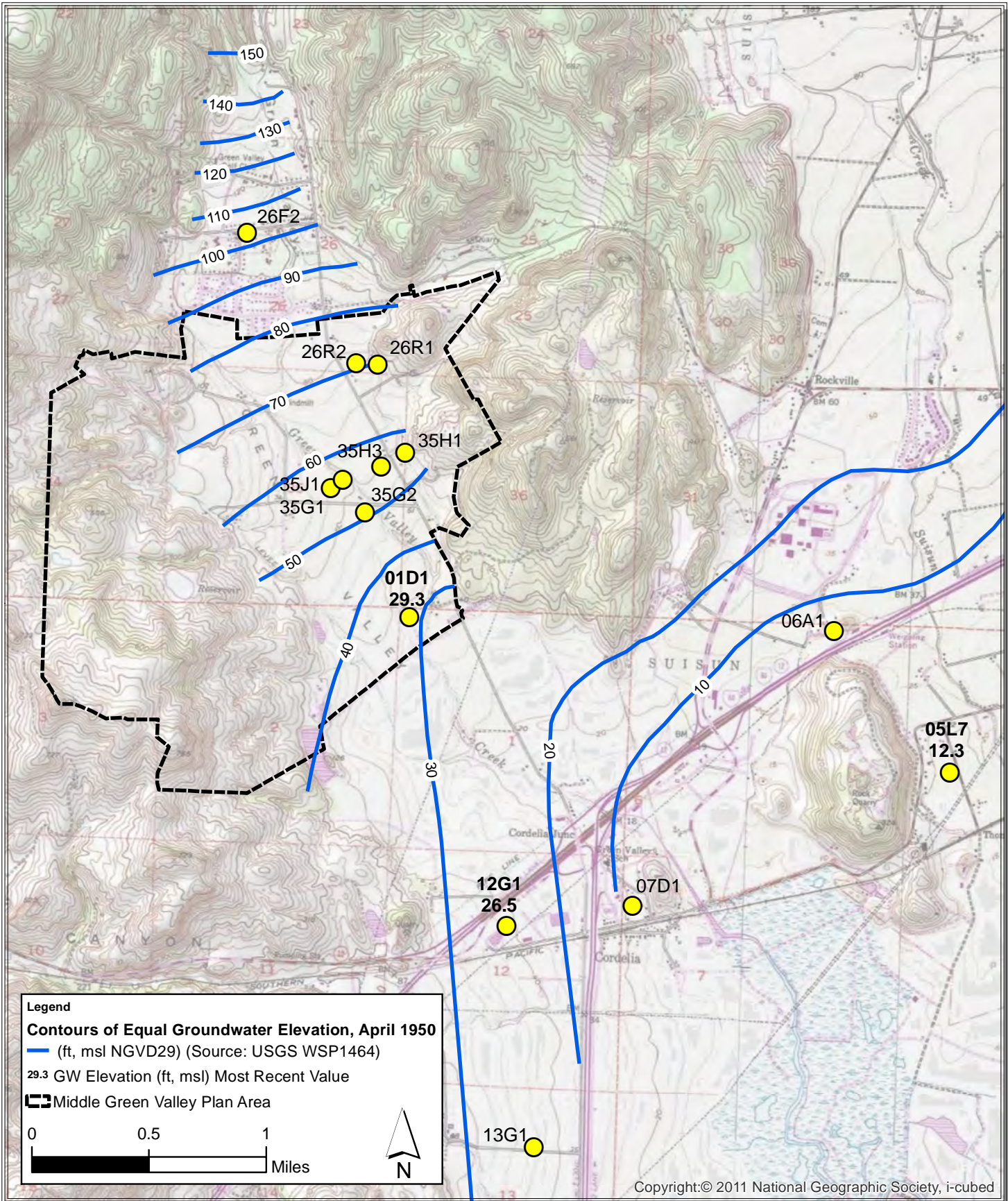


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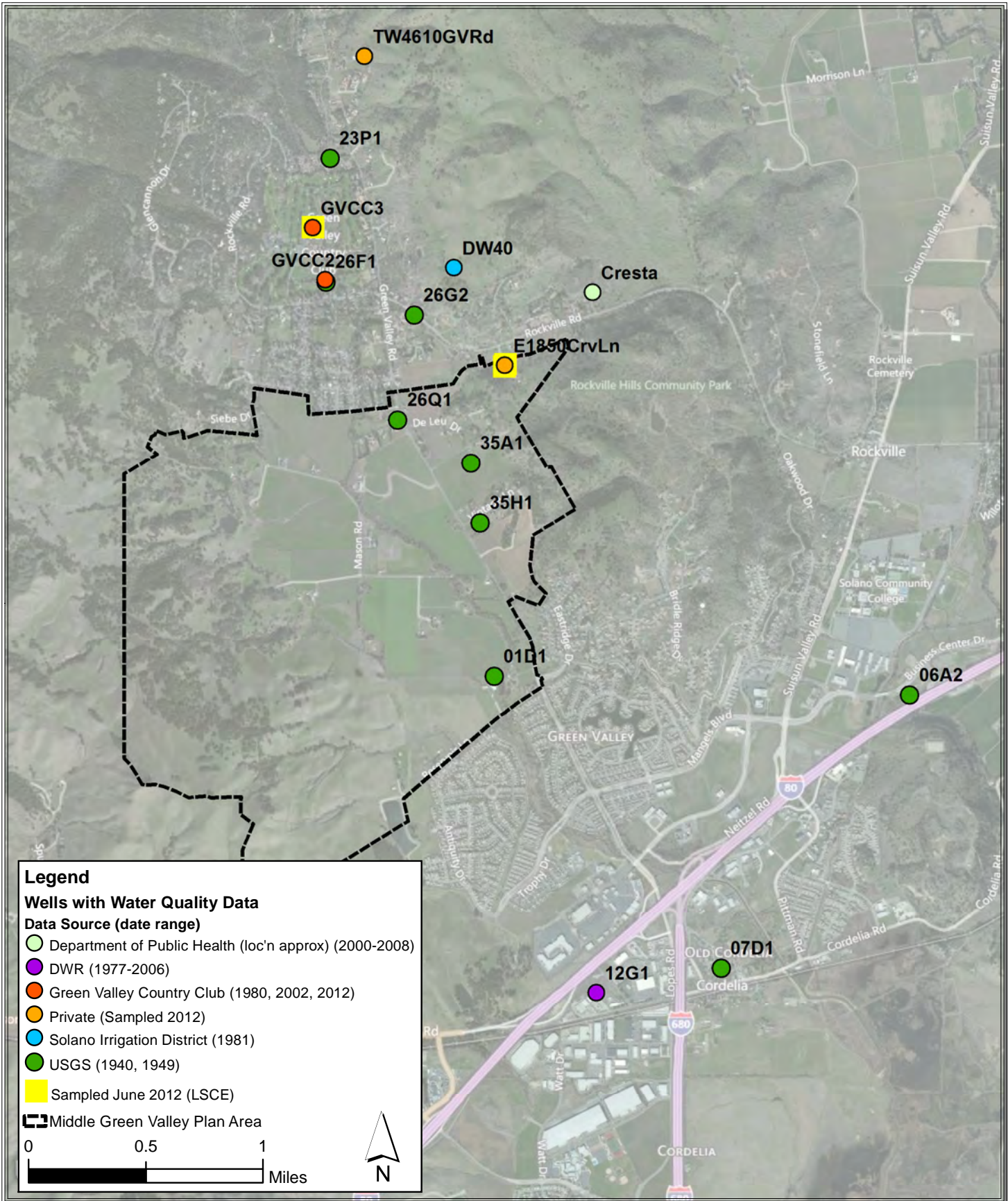
Figure 4-5
Middle Green Valley
Annual Depths to Groundwater Diagram



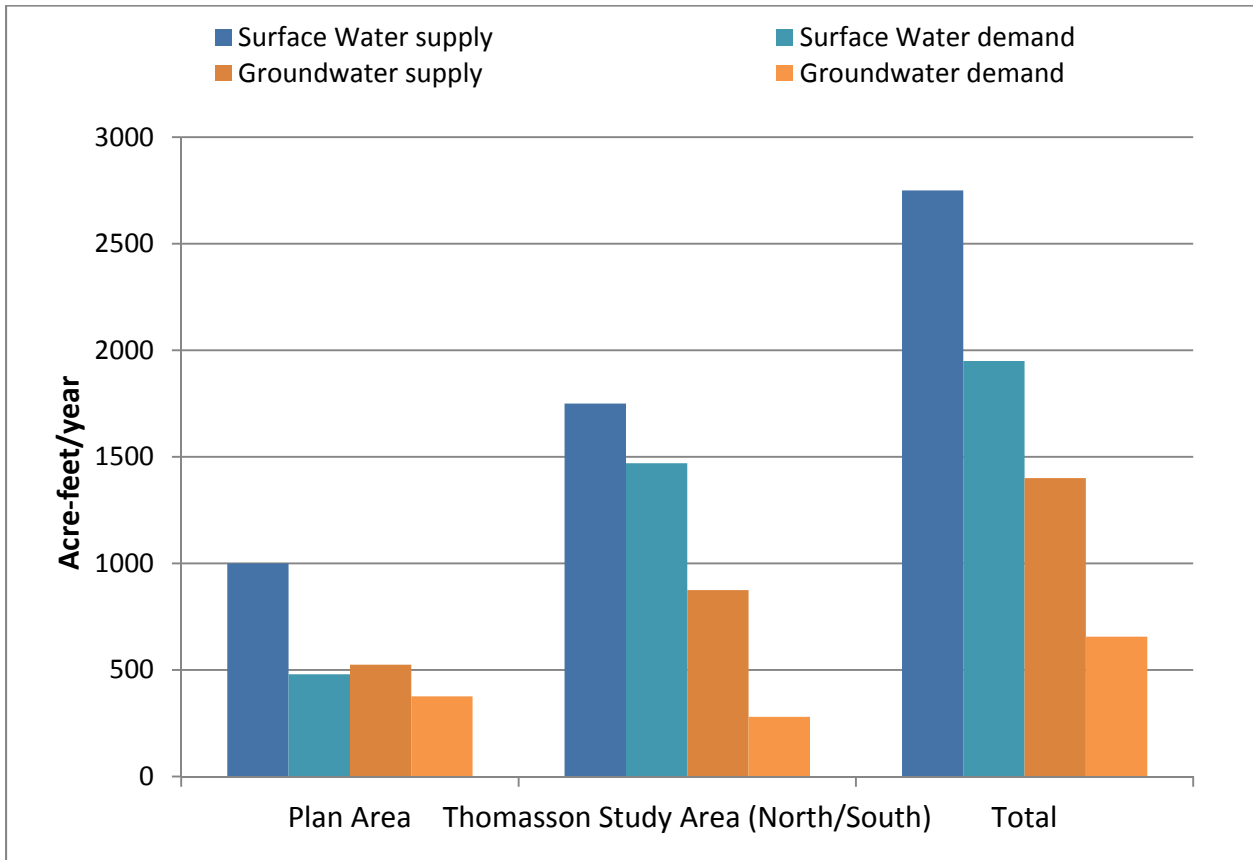
X:\2011 Job Files\11-112\GIS\Expanded WSA Figures\Figure 4-7 April1950WLEContours.mxd



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X:\2011 Job Files\11-112\GIS\Expanded WSA Figures\Figure 4-9 GWQ Sites.mxd



Appendix

**APPENDIX
GROUNDWATER QUALITY - INORGANIC CONSTITUENTS
MIDDLE GREEN VALLEY PLAN AREA**

Source	Map Label	Well Name	sample date	comment	Ag* mg/L	Al mg/L	As mg/L	B mg/L	Ba mg/L	Be mg/L	Cd mg/L	Cr mg/L	Cu mg/L	Fe mg/L	Hg mg/L	Mn mg/L	Ni ug/L	Pb mg/L	Sb mg/L	Se mg/L	Si mg/L	Tl mg/L	Zn mg/L
				MCL**:	0.1 secondary	1 primary	0.01 primary		1 primary	0.004 primary	0.005 primary	0.05 primary	1 secondary	0.3 secondary	0.002 primary	0.05 secondary	100 primary	0.015 primary	0.006 primary	0.05 primary		0.002 primary	5 secondary
Wells in the Plan Area																							
USGS WSP1464 Table 50																							
	01D1	04N03W01D001M	8/25/1949																				
	26Q1	05N03W26Q001M	8/25/1949																				
	35A1	05N03W35A001M	8/25/1949																				
	35H1	05N03W35H001M	8/25/1949																				
Wells Outside the Plan Area																							
USGS WSP1464 Table 50																							
	06A2	04N02W06A002M	8/25/1949																				
	07D1	04N02W07D001M	8/25/1949																				
	23P1	05N03W23P001M	8/25/1949																				
	26F1	05N03W26F001M	5/1/1940					0.34															
	26F1	05N03W26F001M	8/25/1949																				
	26G2	05N03W26G002M	9/23/1949					ND															
DWR	12G1	04N03W12G001M	7/12/1977					0.3															
	12G1	04N03W12G001M	7/5/1979																				
	12G1	04N03W12G001M	6/24/1981																				
	12G1	04N03W12G001M	6/16/1983																				
	12G1	04N03W12G001M	7/17/1985																				
	12G1	04N03W12G001M	7/24/1987					0.4															
	12G1	04N03W12G001M	7/12/1989																				
	12G1	04N03W12G001M	8/18/1998																				
	12G1	04N03W12G001M	8/26/2004					0.4															
	12G1	04N03W12G001M	7/19/2006					0.5															
DPH	Cresta	4800589-001	11/10/2000		ND	0.2	ND		ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cresta	4800589-001	3/23/2001																				
	Cresta	4800589-001	12/23/2003		ND	0.05	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cresta	4800589-001	12/16/2004																				
	Cresta	4800589-001	12/20/2005																				
	Cresta	4800589-001	2/22/2006									ND											ND
	Cresta	4800589-001	11/27/2006																				
	Cresta	4800589-001	11/20/2007																				
	Cresta	4800589-001	10/23/2008		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND
SID	DW40	SID Well DW40***	5/11/1981	test hole at 260'			0.005	0.24	0.013					0.9		0.21							
	DW40	SID Well DW40***	5/11/1981	test hole at 300'			0.004	0.15	0.09					0.43		0.05							
	DW40	SID Well DW40***	5/11/1981	test hole at 380'			0.004	0.27	0.06					0.44		0.17							
	DW40	SID Well DW40***	5/11/1981	test hole at 480'	<0.01		<0.004	0.15		<0.001	<0.02	0.02		0.57	<0.001	0.15		<0.01		<0.005			0.01
	DW40	SID Well DW40***	5/11/1981	test hole at 560'			0.025	0.29	0.162					0.51		0.07							
	DW40	SID Well DW40***	5/19/1981	test hole at 460'			<0.005	0.06	<0.1					5		0.05							
	DW40	SID Well DW40***	5/19/1981	test hole at 480'			<0.005	0.14	<0.1					4.5		0.04							
	DW40	SID Well DW40***	5/19/1981	test hole at 520'			<0.005	0.2	<0.1					5		0.03							
	DW40	SID Well DW40***	5/19/1981	test hole at 540'	<0.005		<0.005	0.08	<0.1		<0.002	0.006	<0.1	5.2	<0.0005	0.03		<0.005		<0.005			<0.1
	DW40	SID Well DW40***	5/19/1981	test hole at 620'			<0.005	<0.05	<0.1					4.5		0.04							
	DW40	SID Well DW40***	5/19/1981	test hole at 665'			<0.005	<0.05	<0.1					4		0.04							
	DW40	SID Well DW40	7/15/1981	after 4hrs of pumping			<0.005	0.095	<0.1					2		0.23							
	DW40	SID Well DW40	7/15/1981	after 8hrs of pumping			<0.005	0.057	<0.1					2.5		0.23							
Green Valley Country Club	GVCC2	Green Valley Country Club Well #2	4/29/1980		<0.005		<0.03		5.3		<0.01	<0.025	0.05	0.08	<0.001	<0.025		<0.01		<0.01			<0.01
	GVCC3	Green Valley Country Club Well #3	11/8/2002				<0.1						<0.005	0.29		0.15					86		<0.02
	GVCC3	Green Valley Country Club Well #3	6/12/2012		<0.010	<0.050	<0.002	<0.1	<0.1	<0.001	<0.001	<0.010	<0.050	11	<0.001	0.37	<10	<0.005	<0.006	<0.005		<0.001	<0.050
Private	TW4610GVRd	Tom West 4610 Green Valley Rd	4/25/2012				0.0016	<0.1						8.2		0.44						109	0.024
	E1850CrvLn	Engell 1850 Cravea Lane	6/12/2012		<0.010	<0.050	<0.002	<0.1	<0.1	<0.001	<0.001	<0.010	<0.050	<0.1	<0.001	<0.010	<10	<0.005	<0.006	<0.005		<0.001	<0.050

* Ag = Silver, Al = Aluminum, As = Arsenic, B = Boron, Ba = Barium, Be = Beryllium, Cd = Cadmium, Cr = Chromium, Cu = Copper, Fe = Iron, Hg = Mercury, Mn = Manganese, Ni = Nickel, Pb = Lead, Sb = Antimony, Se = Selenium, Si = Silicon, Th = Thallium, Zn = Zinc

** Water quality standards are listed for reference as primary Maximum Contaminant Level (MCL) or secondary MCLs

*** Depth-specific sampling over 11 intervals and multi-hour pump test

Highlighted cells exceed Maximum Contaminant Level; ND indicates non-detectible concentrations with no detection limit reported

