

## Appendix 1. Drainage ditch water-surface elevations used in the ground-water flow model

	easting	northing	water-surface elevation in feet
Palo Verde Valley drainage ditches			
1	726941.05	3732348.35	275.30
	726348.92	3731788.91	273.21
	724959.19	3731246.50	268.75
2	724203.17	3730899.51	268.73
	724239.80	3730299.71	267.48
	724209.48	3730835.89	267.19
	724326.94	3728700.59	266.50
3	722738.26	3729381.09	263.43
	722776.39	3728626.95	261.00
4	720702.98	3728877.00	258.14
	720714.52	3728530.48	257.99
	720785.22	3726947.27	256.89
	720462.27	3725258.36	255.15
	720526.16	3723689.69	254.42
	718905.28	3723606.48	251.45
	718988.48	3722040.65	249.67
5	718111.62	3723594.17	251.27
	717727.86	3722817.79	251.19
	717354.80	3722353.10	251.23
	716562.51	3722369.62	251.34
	716634.92	3721980.64	251.28
	716614.33	3721200.94	249.34
	716215.17	3720378.95	251.77
	715478.91	3718772.51	241.46
	714310.51	3717618.95	238.62
	712704.63	3717049.14	236.58
	712741.57	3715485.51	235.99
	712777.74	3713869.09	235.42
	6	711114.90	3713639.61
711156.00		3712218.18	236.75
711182.22		3709690.10	232.41
7	710174.71	3709683.73	227.77
	710155.00	3710211.54	227.56
	709802.82	3707855.95	227.48
	709688.31	3706379.42	225.24
	709721.01	3704738.01	224.99
	709766.94	3703057.37	223.98
	710240.44	3701476.58	223.55
	710271.15	3699866.26	221.39
710323.68	3698198.09	220.70	

Vertical coordinate information is referenced to the "National Vertical Geodetic Datum of 1929 (NGVD 29)."  
Horizontal coordinate information is referenced to the "North American Datum of 1927 (NAD 27)."  
Elevation, as used in this report, refers to distance above the vertical datum.

710290.05	3697349.19	220.25
710366.46	3695737.70	219.83
710488.57	3695412.54	219.70
710830.30	3694956.21	219.67
711943.29	3693460.21	217.96
712803.48	3692286.48	217.77
712985.75	3690944.81	217.38
712570.85	3688735.22	215.86

Parker Valley drainage ditches

1	749734.22	3776022.30	338.45
	749727.17	3776022.23	338.61
	749712.11	3776015.72	338.47
	749711.60	3776014.98	338.53
	749712.25	3775844.74	338.53
	749718.24	3775664.83	338.50
	749735.89	3774978.68	338.46
	749737.71	3774823.17	338.49
	749738.10	3774822.78	339.36
	749740.29	3774804.67	338.49
	749742.71	3774797.51	338.61
	749739.51	3774706.58	338.51
	749738.30	3774705.40	338.58
	749674.27	3774665.04	338.48
	749632.05	3774635.62	338.50
	749629.54	3774633.21	338.61
	749599.21	3774538.26	338.46
	749563.69	3774419.50	338.45
	749555.50	3774384.39	338.54
	749533.26	3774316.26	338.44
	749532.37	3774315.18	338.59
	749484.17	3774283.40	338.78
	749442.35	3774261.83	338.68
	749431.30	3774251.68	338.57
	749370.70	3774131.28	337.94
	749315.48	3774018.83	337.78
	749304.67	3773996.40	337.76
	749177.35	3773762.04	337.76
	749082.27	3773590.90	338.55
	749081.86	3773590.79	337.77
	748970.18	3773585.74	337.79
	748949.36	3773582.67	337.42
	748950.11	3773582.53	337.76
	746914.76	3773536.10	333.57
	746922.36	3773534.00	333.65
	746478.17	3773532.20	333.18
	746481.75	3773531.51	333.15
	746463.28	3773469.29	333.05
	746283.45	3773119.47	331.96
	746277.00	3773109.01	333.28

745601.46	3772179.55	331.52
744947.96	3771696.83	330.94
744915.85	3771692.37	330.50
744633.79	3771528.95	329.96
744366.14	3770643.21	329.45
743406.25	3769100.14	326.80
743376.23	3769092.08	326.41
741690.89	3768228.20	323.90
741050.76	3768196.03	323.29
742059.11	3760457.36	313.02
742067.86	3760129.90	313.17
742069.66	3760094.65	313.13
742106.45	3758429.57	309.17
742109.98	3758275.93	308.72
742115.37	3758136.04	308.50
742143.66	3758105.27	308.04
742152.46	3757919.75	308.08
742155.23	3757798.23	307.93
742168.88	3757256.33	307.56
742173.14	3757096.62	307.05
742167.40	3756891.45	306.84
741974.64	3756768.17	306.56
741808.27	3756662.67	306.42
741687.11	3756585.17	306.75
741524.44	3756475.90	305.64
741525.96	3756297.70	305.88
741529.06	3756151.71	305.83
741533.88	3756077.60	307.00
741531.53	3756051.17	305.30
741561.72	3754857.27	304.19
741565.83	3754705.07	304.15
741555.67	3754489.61	303.82
741439.00	3754351.24	303.76
741307.99	3754234.03	303.47
741160.70	3754102.60	303.43
741035.66	3753991.35	303.29
740998.82	3753975.55	303.23
740853.75	3753904.18	302.97
740692.66	3753825.89	302.63
738974.95	3752987.47	299.95
738808.87	3752908.25	299.75
738668.44	3752836.77	299.57
738658.26	3752685.92	299.50
738662.39	3752502.54	299.32
738706.80	3750735.91	297.02
738712.24	3750555.01	296.81
738714.07	3750373.68	296.68
738606.54	3750258.53	296.49
738492.73	3750140.71	296.31
738132.63	3749766.40	296.09
738016.49	3749641.44	295.97

737879.30	3749597.74	295.96
737909.71	3749547.36	296.01
737934.36	3749540.81	295.95
737936.57	3749349.30	295.89
737941.68	3749191.21	295.86
737963.12	3748362.42	294.22
737941.26	3748343.05	294.12
737941.25	3748343.04	294.14
737904.75	3748339.08	294.34
737963.20	3748325.26	294.33
738013.39	3746373.12	292.17
738083.86	3743409.46	290.30
738088.24	3743267.93	290.13
738088.35	3743079.92	290.20
737972.73	3743051.61	290.01
737816.02	3743017.98	289.97
737113.24	3742857.52	289.33
737014.81	3742838.03	289.32
736839.37	3742789.24	289.62
736835.67	3742789.14	289.24
736697.86	3742725.93	289.09
736539.74	3742642.12	288.96
735948.14	3742316.59	287.92
735793.48	3742237.79	287.60
735644.82	3742156.77	287.29
735546.63	3741998.30	287.13
735453.01	3741844.91	286.97
735091.49	3741260.50	285.99
735009.06	3741127.84	285.67
734909.98	3740964.36	285.35
734842.95	3740785.38	284.94
734779.61	3740632.17	284.50
734715.62	3740466.26	284.23
734655.73	3740319.55	283.81
734589.24	3740171.19	283.32
734480.76	3740167.90	283.02
734290.96	3740159.26	282.47
733271.45	3740136.49	280.74
733110.13	3740129.44	280.22
732937.46	3740122.20	279.76
732942.53	3739940.51	279.58
732934.08	3739794.76	279.42
732935.09	3739705.86	276.71
732959.70	3738961.06	275.51
733015.60	3736282.48	271.90
733019.00	3736105.95	271.56
733026.60	3735927.25	271.30
732867.09	3735739.94	270.27
732780.26	3735660.33	270.04

Cibola drainage ditches

1	719019.94	3697618.30	226.36
	718770.32	3697617.30	226.48
	718769.37	3697448.99	226.40
	718774.90	3697224.36	226.29
	718551.91	3697216.42	226.44
	718341.39	3697221.67	226.35
	718343.39	3697053.96	226.39
	718353.38	3696645.70	226.34
	718353.37	3696645.68	226.32
	718356.13	3696453.95	226.31
	718263.07	3696236.14	226.33
	718268.28	3696001.06	226.32
	717992.86	3695982.59	226.37
	717969.43	3695980.09	226.35
	717747.42	3695974.84	226.31
	717549.41	3695984.31	225.56
	717549.69	3695984.32	226.36
	717539.43	3696170.34	226.32
	717536.44	3696376.80	226.34
	716366.85	3696359.17	226.44
	716325.19	3696360.66	226.28
	716301.16	3696487.96	226.31
	714945.96	3696695.06	225.00
	714912.77	3696756.94	225.05
	714723.56	3696764.61	225.56
	713348.90	3696526.56	222.71
	713699.93	3695148.10	222.93
	713663.65	3695110.19	219.87
	713665.36	3695109.89	219.40
	713481.12	3695109.74	219.10
2	713348.57	3696752.06	222.82
	713361.97	3696923.45	222.82
3	716684.35	3693521.11	218.15
	716717.40	3693175.35	218.03
	716875.00	3693171.66	218.05
	716890.23	3692762.89	218.03
	716897.80	3692368.38	216.27
	716886.44	3692347.03	216.27
	716318.21	3692325.76	215.58
	716324.72	3691923.61	215.54
	716333.19	3691520.51	215.23
	716639.45	3687141.03	212.56
	716639.41	3687141.12	212.57
	716655.02	3687064.92	212.39
	716903.20	3684697.68	212.11
	716913.30	3684263.92	212.20
	717682.50	3683142.27	212.19