

ATTACHMENT 5: WATER LEVEL MEASUREMENTS

This attachment contains water level measurements for the Westbay™ multiport JPL monitoring wells obtained during the first quarter 2005. Water level measurements were recorded before the sampling event on January 24, 2005 and after the sampling event on February 24, 2005. Water levels in the shallow wells were measured using a Solinst™ water level meter and the results are provided in the field logs (Attachment 4). In the deep multiport wells, the hydraulic head at each sampling port was measured with a Westbay™ pressure-transducer probe. Water level measurements were taken by Geofon Incorporated.

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-3
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. + MSL): 1,100.34
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	857	909
Pressure (psia)	14.15	14.19
Temperature (°C)	16.90	16.18

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	653	249.17	259.35	249.24	17.99	901	87.32	1013.02
4	558	207.96	218.30	207.97	19.24	902	87.03	1013.31
3	346	115.90	130.03	115.98	19.12	905	78.66	1021.68
2	252	75.13	89.26	75.11	18.33	907	78.72	1021.62
1	172	40.34	56.47	40.39	17.01	908	74.37	1025.97

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-4
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,082.84
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	1358	1410
Pressure (psia)	14.14	14.17
Temperature (°C)	16.10	17.20

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	513	139.12	210.10	139.13	17.71	1401		
								60.92
4	392	86.27	86.39	86.41	18.38	1402		
								225.32
3	322	56.02	128.10	56.05	18.58	1405		
								59.09
2	240	20.31	92.94	20.29	18.14	1406		
								58.21
1	150	14.23	14.23	14.23	17.67	1408		
								149.79

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-11
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,139.30
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	931	943
Pressure (psia)	14.16	14.20
Temperature (°C)	14.70	16.24

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	639	242.12	235.90	242.11	16.28	935		
								127.45
4	524	192.61	192.32	192.67	17.57	937		
								112.98
3	429	151.76	150.72	151.77	17.69	939		
								113.96
2	259	78.17	79.02	78.21	17.21	940		
								109.37
1	149	30.85	30.89	30.87	16.58	942		
								110.40

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-12
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: _____ Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,102.14
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1344	1352
Pressure (psia)	14.10	14.12
Temperature (°C)	17.12	16.31

Screen No.	Depth (Ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	548	199.11	214.17	199.22	17.56	1347	86.44	1015.70
4	436	150.54	168.68	150.56	18.19	1348	79.38	1022.76
3	323	101.37	120.52	101.36	17.84	1349	77.49	1024.65
2	243	66.35	86.42	66.44	17.28	1350	76.16	1025.98
1	140	21.53	46.32	21.58	16.70	1351	65.67	1036.47

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-14
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,173.47
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	741	751
Pressure (psia)	14.07	14.14
Temperature (°C)	14.89	17.17

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	540	188.25	187.78	188.30	16.23	745	139.25	1034.22
4	456	151.71	151.27	151.78	16.97	746	139.48	1033.99
3	382	119.57	151.27	151.78	16.97	746	65.48	1107.99
2	277	73.91	73.33	73.89	17.27	749	140.29	1033.18
1	207	43.40	42.36	43.39	17.19	750	141.73	1031.74

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-17
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,191.21
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1145	1157
Pressure (psia)	14.12	14.09
Temperature (°C)	16.45	15.12

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	726	167.53	249.21	167.53	19.66	1150		
								183.65
4	582	105.02	187.04	105.01	19.04	1151		
								183.07
3	468	55.30	134.51	55.31	17.66	1152		
								190.26
2	370	14.30	96.06	14.32	15.92	1155		
								180.96
1	250	14.22	46.01	14.23	15.45	1156		
								176.43

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-18
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,225.41
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1206	1220
Pressure (psia)	14.07	14.07
Temperature (°C)	15.95	15.20

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)	
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)					
5	684	158.14	205.01	158.15	17.45	1210			
								243.50	981.91
4	564	105.14	162.48	105.17	18.09	1212			
								221.62	1003.79
3	424	44.25	104.62	44.30	17.61	1214			
								215.10	1010.31
2	330	14.25	61.28	14.23	16.06	1216			
								221.09	1004.32
1	270	14.21	34.41	14.21	15.46	1218			
								223.08	1002.33

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-19
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,142.94
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1045	1056
Pressure (psia)	14.16	14.14
Temperature (°C)	19.49	16.35

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	498	146.16	172.90	146.13	18.10	1048	131.79	1011.15
4	444	122.62	149.51	122.53	17.85	1050	131.75	1011.19
3	392	100.07	127.54	100.13	17.48	1052	130.43	1012.51
2	314	66.19	93.31	66.23	17.16	1053	131.40	1011.54
1	242	35.01	62.88	34.98	16.84	1054	129.60	1013.34

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-20
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,165.05
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1229	1241
Pressure (psia)	14.08	14.12
Temperature (°C)	15.95	16.17

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	900	306.18	330.18	306.19	17.67	1232		
4	700	219.26	243.15	219.32	18.99	1235		
3	562	159.44	182.66	159.37	18.81	1237		
2	392	85.50	107.77	85.51	17.99	1238		
1	230	14.92	36.11	14.93	16.72	1240		

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-21
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,059.10
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	715	727
Pressure (psia)	14.10	14.21
Temperature (°C)	15.91	16.71

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	372	126.74	162.27	126.72	16.23	717	30.17	1028.93
4	310	99.84	135.43	99.79	16.81	719	30.09	1029.01
3	240	69.65	105.56	69.77	16.99	720	29.00	1030.10
2	161	35.42	71.42	35.41	16.95	722	28.76	1030.34
1	90	14.20	40.17	14.26	16.74	725	29.86	1029.24

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-22
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,176.98
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	806	816
Pressure (psia)	14.14	14.17
Temperature (°C)	15.71	17.99

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	588	200.42	203.09	200.41	17.39	809		
			152.09				1024.89	
4	467	148.01	151.83	148.01	18.36	810		
			149.35				1027.63	
3	389	114.17	119.50	114.22	18.53	812		
			145.93				1031.05	
2	329	88.19	93.46	88.20	18.48	814		
			146.01				1030.97	
1	245	51.32	56.53	51.30	18.21	815		
			147.21				1029.77	

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-23
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,108.84
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	651	702
Pressure (psia)	14.07	14.12
Temperature (°C)	15.88	17.83

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	542	206.37	212.22	206.33	17.21	654	84.87	1023.97
4	445	164.39	170.41	164.40	17.98	656	84.32	1024.52
3	319	109.95	117.46	109.78	18.21	658	80.48	1028.36
2	254	81.63	89.37	81.64	18.16	700	80.28	1028.56
1	174	46.91	55.61	46.92	17.98	701	78.17	1030.67

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-24
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,200.94
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	832	842
Pressure (psia)	14.12	14.13
Temperature (°C)	16.45	18.47

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	678	196.82	229.40	196.84	17.77	835	181.35	1019.59
4	554	143.18	177.20	143.19	18.59	837	177.77	1023.17
3	435	91.59	127.26	91.55	18.82	839	173.99	1026.95
2	373	64.76	100.74	64.71	18.92	840	173.17	1027.77
1	279	23.94	61.41	23.96	18.80	841	169.90	1031.04

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-25
 Project No: 4-73803 Probe Type: Westbay
 Date: 1/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Elevation of Datum (Ft. + MSL): 934.52
 Casing Size/Type: 1.5" Westbay
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1008	1026
Pressure (psia)	14.26	14.30
Temperature (°C)	16.45	18.23

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	713	203.51	275.84	203.70	18.78	1017	109.53	824.99
4	633	167.05	167.89	167.10	19.22	1020	278.58	655.94
3	503	110.74	112.64	110.81	19.06	1022	276.04	658.48
2	423	76.12	78.13	76.10	18.81	1023	275.65	658.87
1	358	47.91	49.58	47.83	18.55	1025	276.52	658.00

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-3
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. + MSL): 1,100.34
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1249	1303
Pressure (psia)	14.08	14.11
Temperature (°C)	20.90	16.25

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	653	249.14	263.05	249.15	20.73	1256	78.63	1021.71
4	558	207.87	222.01	207.92	20.70	1258	78.31	1022.03
3	346	115.81	133.36	115.83	19.70	1300	70.82	1029.52
2	252	75.03	92.67	74.98	18.70	1301	70.69	1029.65
1	172	40.27	59.75	40.28	17.26	1302	66.64	1033.70

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-4
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,082.84
 Weather: partly cloudy and warm

Ambient Readings	Start	Finish
Time	1421	1429
Pressure (psia)	14.10	14.09
Temperature (°C)	17.62	17.53

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	513	139.24	213.44	139.26	18.48	1423		
								53.12
4	392	86.62	161.08	86.63	19.06	1425		
								52.92
3	322	56.19	131.31	56.18	18.97	1426		
								51.60
2	240	20.41	96.14	20.45	18.58	1427		
								50.73
1	150	14.18	60.89	14.16	17.98	1428		
								42.06

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-11
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,139.30
 Weather: partly cloudy and warm

Ambient Readings	Start	Finish
Time	1440	1453
Pressure (psia)	14.07	14.10
Temperature (°C)	15.10	15.84

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	639	242.73	238.71	242.75	16.18	1445	120.76	1018.54
4	524	193.05	193.99	193.03	17.84	1447	108.92	1030.38
3	429	151.40	153.14	151.47	17.94	1448	108.17	1031.13
2	259	77.96	79.64	78.01	17.27	1450	107.73	1031.57
1	149	30.24	31.58	30.25	16.80	1451	108.60	1030.70

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-12
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,102.14
 Weather: cloudy and warm

Ambient Readings	Start	Finish
Time	1338	1403
Pressure (psia)	14.09	14.08
Temperature (°C)	18.06	15.87

Screen No.	Depth (Ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	548	198.85	217.70	198.88	17.79	1357	78.27	1023.87
4	436	150.17	171.96	150.22	18.37	1358	71.79	1030.35
3	323	101.06	123.79	101.07	17.52	1400	69.92	1032.22
2	243	66.26	89.70	66.24	16.90	1401	68.57	1033.57
1	140	21.26	49.45	21.29	16.37	1402	58.42	1043.72

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-14
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,173.47
 Weather: clear and cool

Ambient Readings	Start	Finish
Time	749	800
Pressure (psia)	14.04	14.07
Temperature (°C)	14.32	17.24

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	540	189.23	190.33	189.24	17.56	753	133.30	1040.17
4	456	155.78	155.76	155.72	18.07	755	129.05	1044.42
3	382	120.54	121.75	120.55	17.91	756	133.51	1039.96
2	277	74.81	75.96	74.81	17.59	758	134.15	1039.32
1	207	44.34	45.03	44.33	17.37	759	135.51	1037.96

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-17
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,191.21
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1059	1114
Pressure (psia)	14.07	14.07
Temperature (°C)	14.06	14.07

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)	
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)					
5	726	167.35	250.78	167.40	17.07	1103			
								179.91	1011.30
4	582	104.78	180.76	104.89	17.41	1104			
								197.45	993.76
3	468	55.29	134.83	55.41	16.56	1106			
								189.41	1001.80
2	370	14.23	96.78	14.22	15.41	1109			
								179.19	1012.02
1	250	14.16	15.46	14.16	15.17	1110			
								246.79	944.42

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-18
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,225.41
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1124	1134
Pressure (psia)	14.01	14.05
Temperature (°C)	14.99	15.30

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	684	157.16	217.29	157.15	17.34	1127		
								215.03
4	564	105.01	166.64	105.02	18.14	1129		
								211.88
3	424	44.13	108.58	44.14	17.36	1131		
								205.83
2	330	14.22	66.40	14.21	16.30	1133		
								209.14
1	270	14.18	40.23	14.17	15.75	1133		
								209.51

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-19
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,142.94
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1013	1045
Pressure (psia)	14.07	14.08
Temperature (°C)	14.07	15.93

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	498	146.04	173.85	146.07	17.92	1033	129.39	1013.55
4	444	122.61	150.56	122.63	16.94	1037	129.12	1013.82
3	392	100.04	128.94	100.09	16.68	1040	126.99	1015.95
2	314	66.25	95.94	66.24	16.43	1042	125.13	1017.81
1	242	34.97	65.15	34.99	16.23	1044	124.16	1018.78

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-20
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,165.05
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1145	1201
Pressure (psia)	14.06	14.07
Temperature (°C)	17.02	15.76

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	900	305.89	332.95	305.92	18.62	1150	164.32	1000.73
4	700	219.04	247.60	219.06	19.58	1152	161.22	1003.83
3	562	159.17	186.52	159.15	19.00	1155	164.13	1000.92
2	392	85.17	111.71	85.17	17.64	1157	166.72	998.33
1	230	14.55	40.33	14.58	16.21	1159	169.40	995.65

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-21
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,059.10
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	714	731
Pressure (psia)	14.09	14.12
Temperature (°C)	14.89	16.63

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	372	126.64	163.74	126.68	16.61	718	26.76	1032.34
4	310	99.72	135.36	99.69	17.15	719	30.23	1028.87
3	240	69.71	106.02	69.73	17.03	721	27.92	1031.18
2	161	35.36	74.01	35.43	16.69	723	22.76	1036.34
1	90	14.17	43.04	14.17	16.63	729	23.21	1035.89

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-22
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,176.98
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	812	832
Pressure (psia)	14.01	14.07
Temperature (°C)	15.42	17.67

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	588	200.27	204.56	200.34	18.26	818	148.40	1028.58
4	467	147.94	152.08	147.96	18.92	820	148.47	1028.51
3	389	114.17	120.12	114.16	18.84	822	144.20	1032.78
2	329	88.12	92.75	88.14	18.60	824	147.35	1029.63
1	245	51.24	57.02	51.26	17.69	830	145.78	1031.20

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-23
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,108.84
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	645	656
Pressure (psia)	14.06	14.10
Temperature (°C)	12.63	17.63

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	542	206.22	214.52	206.24	17.61	649	79.54	1029.30
4	445	164.25	172.92	164.28	18.24	651	78.51	1030.33
3	319	109.66	119.51	109.67	18.31	652	75.73	1033.11
2	254	81.52	91.78	81.51	18.11	653	74.70	1034.14
1	174	46.78	58.10	46.80	17.86	654	72.40	1036.44

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-24
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,200.94
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1315	1326
Pressure (psia)	14.00	14.08
Temperature (°C)	15.95	18.33

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	678	196.89	232.81	196.89	18.33	1320		
4	554	143.18	180.44	143.19	19.00	1322		
3	435	91.64	130.34	91.66	19.12	1323		
2	373	64.74	103.89	64.76	19.10	1324		
1	279	25.22	32.31	25.23	18.74	1325		
							236.76	964.18

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-25
 Project No: 4-73803 Probe Type: Westbay
 Date: 2/24/05 Serial No.: 2502
 Personnel: Marco Mendoza, Jason Estep
 Datum: TOC Elevation of Datum (Ft. + MSL): 934.52
 Casing Size/Type: 1.5" Westbay
 Weather: clear and warm

Ambient Readings	Start	Finish
Time	1215	1229
Pressure (psia)	14.16	14.20
Temperature (°C)	18.98	18.01

Screen No.	Depth (ft. BTOC)	Fluid Pressure Readings			Temp. (°C)	Time	Piezometric Level Outside Port (ft.)	Water Level Elevation (ft.)
		Inside Casing (psia)	Outside Casing (psia)	Inside Casing (psia)				
5	713	200.64	202.29	200.65	19.81	1221	278.98	655.54
4	633	166.18	168.57	166.23	19.72	1223	276.78	657.74
3	503	109.93	113.14	109.99	19.28	1225	274.65	659.87
2	423	75.23	78.48	75.22	18.86	1226	274.61	659.91
1	358	46.94	49.80	46.95	18.46	1227	275.78	658.74