

APPENDIX B

GEOFON, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-3
 Project No: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. + MSL): 1,100.34
 Weather: Warm and Clear

Ambient Readings	Start	Finish
Time	1036	1052
Pressure (psia)	14.20	14.25
Temperature (°C)	21.59	18.95

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	177.07						
			257.95					
			257.92					
			257.93			22.56	1040	90.71
				176.99				
4	558	135.83						
			217.60					
			217.58					
			217.61			23.00	1042	88.76
				136.49				
3	346	43.72						
			126.03					
			126.00					
			126.02			21.93	1045	88.04
				43.71				
2	252	14.34						
			85.38					
			85.36					
			85.35			20.17	1047	87.83
				14.35				
1	172	14.31						
			50.55					
			50.57					
			50.58			19.40	1049	88.10
				14.32				

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,082.84
 Weather: Warm and Clear

Ambient Readings	Start	Finish
Time	1206	1219
Pressure (psia)	14.19	14.22
Temperature (°C)	18.22	19.51

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	135.90						
			205.90					
			205.94					
			205.94		21.07	1210	70.66	1,012.18
			135.92					
4	392	83.29						
			153.51					
			153.50					
			153.52		21.54	1211	70.59	1,012.25
			83.31					
3	322	52.85						
			123.57					
			123.55					
			123.57		21.31	1213	69.68	1,013.16
			52.88					
2	240	17.20						
			88.30					
			88.29					
			88.32		20.83	1215	69.02	1,013.82
			17.22					
1	150	14.31						
			52.25					
			52.22					
			52.24		20.17	1217	62.23	1,020.61
			14.30					

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,139.30
 Weather: Warm and Clear

Ambient Readings	Start	Finish
Time	1127	1146
Pressure (psia)	14.22	14.20
Temperature (°C)	21.46	18.78

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	170.00						
			232.76					
			232.77					
			232.75		22.12	1134	134.83	1,004.47
			170.00					
4	524	120.53						
			188.87					
			188.85					
			188.84		21.77	1136	121.12	1,018.18
			120.54					
3	429	79.65						
			146.42					
			146.40					
			146.41		21.08	1138	124.04	1,015.26
			79.67					
2	259	14.32						
			74.58					
			74.60					
			74.59		19.48	1140	119.73	1,019.57
			14.30					
1	149	14.25						
			34.02					
			34.03					
			34.00		19.04	1143	103.33	1,035.97
			14.25					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-12</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>4/16/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Branham/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,102.14</u>	
Weather: <u>Warm and Clear</u>	

Ambient Readings	Start	Finish
Time	1151	1202
Pressure (psia)	14.21	14.21
Temperature (°C)	19.79	18.06

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	197.05						
			213.14					
			213.16					
			213.16		20.35	1153	89.04	1,013.10
				197.07				
4	436	148.38						
			164.71					
			164.70					
			164.72		20.89	1155	88.80	1,013.34
				148.39				
3	323	99.20						
			116.19					
			116.20					
			116.22		20.27	1156	87.70	1,014.44
				99.22				
2	243	64.32						
			81.95					
			81.92					
			81.94		19.38	1158	86.75	1,015.39
				64.31				
1	140	19.56						
			41.58					
			41.60					
			41.61		18.57	1200	76.82	1,025.32
				19.55				

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-14</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>4/16/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Branham/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,173.47</u>	
Weather: <u>Warm and Clear</u>	

Ambient Readings	Start	Finish
Time	743	754
Pressure (psia)	14.22	14.20
Temperature (°C)	17.45	19.31

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	540	144.30						
			181.82					
			181.82					
			181.80		19.66	746	153.36	1,020.11
				144.31				
4	456	107.80						
			145.39					
			145.41					
			145.42		20.31	748	153.35	1,020.12
				107.78				
3	382	75.60						
			113.31					
			113.30					
			113.32				153.40	1,020.07
				75.58				
2	277	29.90						
			67.60					
			67.58					
			67.60		19.84	751	153.87	1,019.60
				29.88				
1	207	14.35						
			36.79					
			36.77					
			36.75		19.46	752	154.98	1,018.49
				14.32				

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 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	844	902
Pressure (psia)	14.21	14.18
Temperature (°C)	18.78	15.89

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	165.24						
			247.18					
			247.20					
			247.17		20.78	850	188.53	1,002.68
			165.27					
4	582	102.70						
			185.27					
			185.29					
			185.26		19.97	852	187.36	1,003.85
			102.69					
3	468	53.10						
			134.92					
			134.90					
			134.88		18.92	854	189.57	1,001.64
			53.11					
2	370	14.29						
			94.43					
			94.42					
			94.44		16.59	856	184.93	1,006.28
			14.30					
1	250	14.26						
			41.57					
			41.55					
			41.57		16.01	859	186.90	1,004.31
			14.28					

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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: 04-4428.01 Probe Type: Westbay
 Date: Not Sounded Serial No.: 2508
 Personnel: Not Applicable
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,225.41

Note: MW-18 was paved over with asphalt between the first and second quarters

Ambient Readings	Start	Finish
Time	N/A	N/A
Pressure (psia)	N/A	N/A
Temperature (°C)	N/A	N/A

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							
4	564							
3	424							
2	330							
1	270							

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 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	930	946
Pressure (psia)	14.19	14.22
Temperature (°C)	16.79	17.93

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	78.69						
			170.17					
			170.19					
			170.16		18.00	935	138.15	1,004.79
			78.70					
4	444	55.20						
			146.79					
			146.81					
			146.78		18.06	940	138.08	1,004.86
			55.19					
3	392	32.57						
			124.30					
			124.29					
			124.32		18.09	938	137.97	1,004.97
			32.54					
2	314	14.36						
			90.13					
			90.12					
			90.14		17.99	942	138.81	1,004.13
			14.37					
1	242	14.34						
			59.19					
			59.17					
			59.20		17.94	944	138.19	1,004.75
			14.34					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-20</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>4/16/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Branham/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,165.05</u>	
Weather: <u>Clear and Warm</u>	

Ambient Readings	Start	Finish
Time	1004	1024
Pressure (psia)	14.19	14.20
Temperature (°C)	18.01	16.82

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	302.61						
			328.16					
			328.14					
			328.19		21.42	1009	175.66	989.39
				302.61				
4	700	215.60						
			241.88					
			241.90					
			241.88		22.11	1012	174.70	990.35
				215.67				
3	562	155.68						
			181.75					
			181.73					
			181.73		21.33	1014	175.47	989.58
				155.68				
2	392	81.75						
			107.03					
			107.05					
			107.03		18.11	1018	177.80	987.25
				81.79				
1	230	14.31						
			35.67					
			35.66					
			35.64		17.06	1020	180.48	984.57
				14.29				

GEOFON, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-21
 Project No: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,059.10
 Weather: Warm and Clear

Ambient Readings	Start	Finish
Time	810	823
Pressure (psia)	14.23	14.26
Temperature (°C)	17.34	18.85

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	127.78						
			157.12					
			157.10					
			157.12		19.10	814	42.37	1,016.73
			127.78					
4	310	100.80						
			130.28					
			130.28					
			130.31		19.69	817	42.25	1,016.85
			100.79					
3	240	70.80						
			100.41					
			100.39					
			100.38		19.54	819	41.22	1,017.88
			70.80					
2	161	34.23						
			66.07					
			66.07					
			66.06		19.20	821	41.41	1,017.69
			34.23					
1	90	14.35						
			34.88					
			34.89					
			34.87		18.97	822	42.36	1,016.74
			14.33					

GEOFON, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-22</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>4/16/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Branham/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,176.98</u>	
Weather: <u>Warm and Clear</u>	

Ambient Readings	Start	Finish
Time	719	732
Pressure (psia)	14.20	14.22
Temperature (°C)	16.85	20.18

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	588	197.55						
			198.71					
			198.70					
			198.72		20.89	724	162.34	1,014.64
				197.55				
4	467	145.16						
			147.06					
			147.08					
			147.05		21.42	725	160.48	1,016.50
				145.12				
3	389	111.36						
			114.14					
			114.14					
			114.16		21.29	727	158.42	1,018.56
				111.36				
2	329	18.45						
			88.14					
			88.12					
			88.15		20.97	728	158.43	1,018.55
				85.34				
1	245	48.50						
			51.23					
			51.25					
			51.22		20.49	730	159.56	1,017.42
				48.50				

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Branham/Erbes
 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	652	706
Pressure (psia)	14.18	14.23
Temperature (°C)	17.96	19.72

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	156.61						
			207.86					
			207.85					
			207.88		18.75	657	95.17	1,013.67
			156.63					
4	445	114.46						
			165.99					
			166.02					
			166.00		20.45	659	94.74	1,014.10
			114.51					
3	319	59.73						
			112.36					
			112.34					
			112.37		20.56	701	92.51	1,016.33
			59.20					
2	254	31.47						
			84.25					
			84.23					
			84.25		20.27	703	92.36	1,016.48
			31.48					
1	174	14.35						
			50.02					
			50.00					
			50.02		19.93	705	91.33	1,017.51
			14.32					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-24</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>4/16/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Branham/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,200.94</u>	
Weather: <u>Warm and Clear</u>	

Ambient Readings	Start	Finish
Time	1105	1120
Pressure (psia)	14.20	14.19
Temperature (°C)	18.80	21.19

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	165.55						
			225.66					
			225.63					
			225.65		21.24	1109	190.19	1,010.75
				165.51				
4	554	111.70						
			172.85					
			172.82					
			172.86		21.79	1112	188.01	1,012.93
				111.68				
3	435	60.00						
			122.31					
			122.33					
			122.30		21.73	1114	185.58	1,015.36
				60.00				
2	373	33.05						
			95.74					
			95.77					
			95.75		21.66	1116	184.86	1,016.08
				33.03				
1	279	14.32						
			56.11					
			56.10					
			56.13		21.48	1118	182.31	1,018.63
				14.33				

GEOFON, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-3
 Project No: 04-4428.01 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Swindells
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. + MSL): 1,100.34
 Weather: overcast/cool

Ambient Readings	Start	Finish
Time	1208	1223
Pressure (psia)	14.14	14.17
Temperature (°C)	17.45	19.02

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	177.29							
				255.38					
				255.39					
				255.40		20.89	1212	96.44	1,003.90
				177.25					
4	558	136.05		214.12					
				214.13					
				214.09					
				214.14		22.10	1214	96.65	1,003.69
							136.10		
3	346	43.95		125.85					
				125.83					
				125.87					
				125.82		21.38	1216	88.31	1,012.03
							43.96		
2	252	14.29							
				85.36					
				85.38					
				85.35		20.33	1219	87.69	1,012.65
							14.28		
1	172	14.22							
				52.90					
				52.89					
				52.92		19.58	1221	82.57	1,017.77
							14.24		

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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: 04-4428.01 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,082.84
 Weather: overcast/cool

Ambient Readings	Start	Finish
Time	718	732
Pressure (psia)	14.16	14.13
Temperature (°C)	20.73	18.87

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	513	135.84						
			205.59					
			205.60					
			205.58		21.61	720	71.37	1,011.47
			135.84					
4	392	83.21						
			153.24					
			153.21					
			153.25		21.86	723	71.16	1,011.68
			83.19					
3	322	52.78						
			123.52					
			123.55					
			123.57		21.47	724	69.64	1,013.20
			52.79					
2	240	17.10						
			88.53					
			88.52					
			88.54		19.70	730	68.43	1,014.41
			17.09					
1	150	14.21						
			53.49					
			43.46					
			43.50		19.34	732	74.66	1,008.18
			14.20					

GEOFON, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-11
 Project No: 04-4428.01 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,139.30
 Weather: Overcast/cool

Ambient Readings	Start	Finish
Time	857	910
Pressure (psia)	14.14	14.11
Temperature (°C)	20.32	18.53

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	639	169.80						
			231.46					
			231.44					
			231.47		20.84	0900	137.65	1,001.65
			169.77					
4	524	120.35						
			189.06					
			189.07					
			189.05		21.24	902	120.46	1,018.84
			120.36					
3	429	79.49						
			146.53					
			146.52					
			146.54		20.83	904	123.58	1,015.72
			79.46					
2	259	14.23						
			75.64					
			75.62					
			75.65		19.21	907	117.13	1,022.17
			14.22					
1	149	14.16	30.48					
			30.46					
			30.49					
			30.45		18.75	909	111.33	1,027.97
			14.18					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-12</u>
Project No: <u>04-4428.01</u>	Probe Type: <u>Westbay</u>
Date: <u>6/3/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Williamson/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,102.14</u>	
Weather: <u>overcast/cool</u>	

Ambient Readings	Start	Finish
Time	740	751
Pressure (psia)	14.13	14.12
Temperature (°C)	18.34	17.47

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	548	200.93	209.81					
			209.83					
			209.79					
			209.80		20.17	745	96.57	1,005.57
			201.00					
4	436	152.28						
			164.35					
			164.37					
			164.36		20.61	747	89.42	1,012.72
			152.29					
3	323	103.12						
			116.31					
			116.32					
			116.29		19.85	749	87.28	1,014.86
			103.14					
2	243	68.27						
			82.39					
			82.40					
			82.37		19.14	750	85.53	1,016.61
			68.30					
1	140	23.43						
			42.69					
			42.68					
			42.71		17.84	751	74.10	1,028.04
			23.41					

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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: 04-4428.01 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,173.47
 Weather: Overcast/Cool

Ambient Readings	Start	Finish
Time	805	817
Pressure (psia)	14.08	14.10
Temperature (°C)	17.76	19.43

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	144.23						
			180.66					
			180.65					
			180.62		19.04	809	155.74	1,017.73
			144.22					
4	456	108.57	139.22					
			139.20					
			139.23					
			139.19		19.88	811	167.33	1,006.14
			108.56					
3	382	75.45						
			112.42					
			112.45					
			112.39				155.13	1,018.34
			75.50	19.92	813			
2	277	29.80						
			67.14					
			67.13					
			67.16		19.87	814	154.58	1,018.89
			29.81					
1	207	14.21						
			36.98					
			36.97					
			36.99		19.60	810	154.17	1,019.30
			14.22					

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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: 04-4428.01 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 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	1135	1156
Pressure (psia)	14.12	14.13
Temperature (°C)	18.42	17.93

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	726	165.24						
			247.18					
			247.20					
			247.17		20.78	850	188.32	1,002.89
			165.27					
4	582	102.70						
			185.27					
			185.29					
			185.26		19.97	852	187.15	1,004.06
			102.69					
3	468	53.10						
			134.92					
			134.90					
			134.88		18.92	854	189.36	1,001.85
			53.11					
2	370	14.29						
			94.43					
			94.42					
			94.44		16.59	856	184.72	1,006.49
			14.30					
1	250	14.26						
			41.57					
			41.55					
			41.57		16.01	859	186.69	1,004.52
			14.28					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-18</u>
Project No: <u>04-4428.10</u>	Probe Type: <u>Westbay</u>
Date: <u>6/3/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Williamson/Swindells</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,225.41</u>	
Note: <u>Overcast/cool</u>	

Ambient Readings	Start	Finish
Time	1007	1021
Pressure (psia)	14.11	14.08
Temperature (°C)	19.04	17.22

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	157.26						
			209.40					
			209.38					
			209.42		20.10	1012		
				157.28				
4	564	105.15						
			158.74					
			158.72					
			158.75		20.73	1014		
			158.76	105.16				
3	424	44.30						
			102.01					
			102.00					
			102.02		19.80	1016		
				44.28				
2	330	14.24						
			62.02					
			62.01					
			62.04		18.52	1018		
				14.22				
1	270	14.21						
			36.66					
			36.65					
			36.68		17.60	1020		
				14.20				

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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: 04-4428.01 Probe Type: Westbay
 Date: 4/16/03 Serial No.: 2508
 Personnel: Williamson/Swindells
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1,142.94
 Weather: Overcast/cool

Ambient Readings	Start	Finish
Time	1034	1048
Pressure (psia)	14.13	14.12
Temperature (°C)	18.84	18.03

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	78.50						
			168.76					
			168.74					
			168.77		18.15	1037	141.28	1,001.66
			78.49					
4	444	55.01						
			145.38					
			145.37					
			145.40		18.20	1040	141.20	1,001.74
			55.03					
3	392	32.39						
			123.52					
			123.51					
			123.54		18.12	1042	139.63	1,003.31
			32.40					
2	314	14.31						
			89.57					
			89.54					
			89.60		18.15	1044	139.96	1,002.98
			14.28					
1	242	14.23						
			59.54					
			59.55					
			59.53		18.07	1046	137.24	1,005.70
			14.25					

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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: 04-4428.10 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Swindells
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,165.05
 Weather: Overcast/cool

Ambient Readings	Start	Finish
Time	1104	1123
Pressure (psia)	14.13	14.14
Temperature (°C)	18.34	17.43

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	302.06						
			328.25					
			328.24					
			328.26		21.34	1108	175.33	989.72
			302.09					
4	700	215.13						
			238.26					
			238.24					
			238.28		22.07	1112	182.93	982.12
			215.15					
3	562	155.17						
			174.31					
			174.30					
			174.28		21.27	1115	192.50	972.55
			155.20					
2	392	81.29						
			105.47					
			105.45					
			105.50		19.34	1118	181.27	983.78
			81.27					
1	230	14.21						
			35.10					
			35.08					
			35.12		17.85	1120	181.62	983.43
			14.19					

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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: 04-4428.10 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Swindells
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,059.10
 Weather: overcast/cool

Ambient Readings	Start	Finish
Time	930	940
Pressure (psia)	14.18	14.19
Temperature (°C)	16.57	18.99

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	372	127.21						
			156.44					
			156.42					
			156.45		19.29	932	43.81	1,015.29
			127.24					
4	310	100.26						
			129.62					
			129.64					
			129.59		19.77	933	43.69	1,015.41
			100.25					
3	240	70.11						
			88.17					
			88.15					
			88.18		19.61	935	69.31	989.79
			70.06					
2	161	35.85						
			65.82					
			65.80					
			65.84		19.28	937	41.87	1,017.23
			35.86					
1	90	14.23						
			34.91					
			34.92					
			34.89		19.07	939	42.18	1,016.92
			14.22					

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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: 04-4428.10 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,176.98
 Weather: Overcast/Cool

Ambient Readings	Start	Finish
Time	656	708
Pressure (psia)	14.11	14.09
Temperature (°C)	19.65	20.26

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	201.04						
			198.13					
			198.12					
			198.15		21.29	659	163.46	1,013.52
			201.05					
4	467	148.71						
			146.55					
			146.57					
			146.53		21.80	701	161.46	1,015.52
			148.69					
3	389	114.79						
			114.79					
			114.80					
			114.76		21.37	704	156.75	1,020.23
			114.88					
2	329	88.87						
			88.15					
			88.12					
			88.13		21.05	706	158.23	1,018.75
			88.86					
1	245	52.02						
			52.82					
			52.80					
			52.83		20.58	708	155.70	1,021.28
			52.00					

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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: 04-4428.10 Probe Type: Westbay
 Date: 6/3/03 Serial No.: 2508
 Personnel: Williamson/Erbes
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (Ft. + MSL): 1,108.84
 Weather: Overcast/cool

Ambient Readings	Start	Finish
Time	633	641
Pressure (psia)	14.13	14.14
Temperature (°C)	27.40	20.32

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	156.10						
			207.37					
			207.35					
			207.40		27.11	635	96.19	1,012.65
			156.11					
4	445	113.96						
			165.44					
			165.42					
			165.45		22.10	636	95.94	1,012.90
			165.46					
3	319	59.23						
			112.36					
			112.34					
			112.37		21.64	637	92.39	1,016.45
			59.25					
2	254	31.02						
			84.48					
			84.50					
			84.52		21.10	639	91.66	1,017.18
			31.98					
1	174	14.25						
			51.53					
			51.52					
			51.54		20.60	640	87.72	1,021.12
			14.23					

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Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: <u>JPL Pasadena</u>	Well ID: <u>MW-24</u>
Project No: <u>04-4428.10</u>	Probe Type: <u>Westbay</u>
Date: <u>6/3/03</u>	Serial No.: <u>2508</u>
Personnel: <u>Williamson/Erbes</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (Ft. + MSL): <u>1,200.94</u>	
Weather: <u>Overcast/cool</u>	

Ambient Readings	Start	Finish
Time	828	844
Pressure (psia)	14.08	14.07
Temperature (°C)	19.59	20.91

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	165.13						
			224.85					
			224.87					
			224.86		21.21	831	191.73	1,009.21
				165.17				
4	554	111.34						
			172.35					
			172.36					
			172.33		21.76	833	188.88	1,012.06
				111.38				
3	435	59.64						
			122.41					
			122.43					
			122.39		21.73	835	185.08	1,015.86
				59.61				
2	373	32.70						
			96.34					
			96.35					
			96.32		21.67	837	183.23	1,017.71
				32.72				
1	279	14.22						
			58.31					
			58.29					
			58.32		21.11	842	176.97	1,023.97
				14.21				