

## **ATTACHMENT 5: WATER LEVEL MEASUREMENTS**

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This attachment contains water level measurements for the Westbay™ multiport JPL monitoring wells obtained during the first quarter of 2006. Water level measurements were recorded before the sampling event on March 6, 2006, and after the sampling event on April 3, 2006. 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.





# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. + MSL): 1,100.34  
 Weather: cloudy and cool

Ambient Readings		
Time	1215	1227
Pressure (psia)	14.25	14.22
Temperature (°C)	19.36	17.10

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	249.67	265.05	249.70	21.00	1219	74.40	1025.94
4	558	208.42	223.99	208.38	29.95	1220	74.13	1026.21
3	346	116.28	134.41	116.29	21.32	1222	68.79	1031.55
2	252	75.45	93.70	75.43	20.14	1224	68.71	1031.63
1	172	40.70	59.94	40.70	18.71	1225	66.59	1033.75

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. +MSL): 1,082.84  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1310	1324
Pressure (psia)	14.24	14.24
Temperature (°C)	16.57	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	513	140.10	214.62	140.12	19.44	1313	50.72	1032.12
4	392	87.47	162.25	84.47	20.62	1314	50.54	1032.30
3	322	57.00	132.21	57.01	20.53	1316	49.84	1033.00
2	240	21.32	96.75	21.30	20.13	1317	49.65	1033.19
1	150	14.32	59.82	14.32	19.46	1319	44.85	1037.99

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,139.30  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1400	1410
Pressure (psia)	14.22	14.20
Temperature (°C)	19.32	17.60

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	240.84	241.28	240.85	19.75	1404	115.17	1024.13
4	524	191.34	196.75	191.34	20.50	1405	102.90	1036.40
3	429	150.46	154.92	150.46	20.20	1406	104.41	1034.89
2	259	76.81	82.33	76.82	19.19	1409	101.87	1037.43
1	149	29.52	39.18	29.54	18.14	1410	91.42	1047.88

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,102.14  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1251	1301
Pressure (psia)	14.24	14.23
Temperature (°C)	17.94	17.29

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	197.20	219.68	197.72	19.26	1255	74.05	1028.09
4	436	149.00	173.22	149.01	20.17	1256	69.23	1032.91
3	323	99.83	124.68	99.82	19.52	1257	68.21	1033.93
2	243	64.99	90.25	64.98	18.81	1258	67.64	1034.50
1	140	20.10	47.95	20.09	17.92	1300	62.23	1039.91

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,173.47  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	0807	0820
Pressure (psia)	14.20	14.22
Temperature (°C)	17.76	18.89

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	540	192.46	192.50	192.47	20.15	812	128.66	1044.81
4	456	155.93	156.15	155.92	20.44	0814	128.52	1044.95
3	382	123.72	124.06	123.72	19.96	815	128.55	1044.92
2	277	78.04	78.56	78.03	19.41	817	128.52	1044.95
1	207	47.53	48.59	47.54	19.10	818	127.66	1045.81



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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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,191.21  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	0959	1009
Pressure (psia)	14.22	14.22
Temperature (°C)	15.22	14.91

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	726	246.46	255.79	246.46	17.35	1001	168.70	1022.51
4	582	184.07	193.58	184.08	18.38	1003	168.22	1022.99
3	468	134.60	143.66	134.61	17.74	1005	169.38	1021.83
2	370	92.07	102.77	92.07	16.74	1006	165.72	1025.49
1	250	39.92	51.66	39.90	15.91	1007	163.63	1027.58

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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: 3/6/06 Serial No.: \_\_\_\_\_  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,225.41

Note: cloudy and cool

Ambient Readings	Start	Finish
Time	1016	1029
Pressure (psia)	14.21	14.21
Temperature (°C)	14.30	16.22

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	156.42	221.20	156.42	17.22	1021		
								206.47
4	564	104.25	170.35	104.26	18.92	1022		
								203.79
3	424	43.41	111.45	43.40	18.46	1024		
								199.67
2	330	14.36	69.78	14.36	17.34	1025		
								201.80
1	270	14.33	43.61	14.33	16.67	1027		
								202.17

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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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. +MSL): 1,142.94  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	0940	0950
Pressure (psia)	14.22	14.22
Temperature (°C)	15.50	16.37

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	175.02	178.05	175.02	17.16	943	120.04	1022.90
4	444	151.57	154.66	151.59	17.82	944	120.00	1022.94
3	392	129.03	131.70	129.01	17.99	946	120.97	1021.97
2	314	95.15	97.45	95.16	17.95	947	121.99	1020.95
1	242	63.91	65.83	63.90	17.51	948	122.94	1020.00

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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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,165.05  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1039	1057
Pressure (psia)	14.22	14.22
Temperature (°C)	15.87	16.38

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	304.44	335.41	304.44	20.11	1044	159.01	1006.04
4	700	217.50	251.76	217.49	21.36	1047	152.00	1013.05
3	562	157.45	190.16	157.46	20.44	1049	156.11	1008.94
2	392	83.56	116.13	83.56	18.17	1052	156.89	1008.16
1	230	14.33	45.46	14.32	16.67	1055	157.93	1007.12

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,059.10  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	0837	0847
Pressure (psia)	14.28	14.28
Temperature (°C)	17.54	18.36

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	126.00	165.77	126.00	18.75	840	22.51	1036.59
4	310	99.03	138.93	99.03	19.17	841	22.43	1036.67
3	240	69.00	108.97	68.99	19.14	842	21.55	1037.55
2	161	34.61	74.67	34.60	18.75	844	21.68	1037.42
1	90	14.33	43.17	14.32	18.50	845	23.35	1035.75

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,176.98  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1342	1352
Pressure (psia)	14.19	14.19
Temperature (°C)	19.13	19.83

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	588	201.08	207.77	201.07	20.44	1345	141.41	1035.57
4	467	148.67	156.44	148.69	21.06	1346	138.83	1038.15
3	389	114.88	123.91	114.88	20.99	1347	135.88	1041.10
2	329	88.84	97.82	88.86	20.70	1349	136.07	1040.91
1	245	51.99	60.87	51.99	20.19	1350	137.31	1039.67

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,108.84  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	0731	0741
Pressure (psia)	14.19	14.26
Temperature (°C)	16.88	19.54

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	205.63	216.89	205.62	20.09	734	74.37	1034.47
4	445	163.65	175.02	163.62	20.78	736	73.97	1034.87
3	319	109.03	121.60	109.03	20.64	738	71.21	1037.63
2	254	80.83	93.41	80.83	20.23	739	71.24	1037.60
1	174	46.13	59.05	46.11	19.82	740	70.51	1038.33

# GEOFON, Inc.

## 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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,200.94  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1420	1431
Pressure (psia)	14.19	14.20
Temperature (°C)	16.90	20.31

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	678	236.02	234.45	236.04	19.97	1423	169.86	1031.08
4	554	182.33	181.87	182.34	20.81	1425	167.16	1033.78
3	435	130.76	131.45	130.77	21.02	1427	164.48	1036.46
2	373	103.89	104.61	103.91	21.07	1428	164.40	1036.54
1	279	63.18	64.43	63.17	20.82	1429	163.10	1037.84



**GEOFON, Inc.**  
**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: 3/6/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. + MSL): 934.52

Weather: cloudy and cool

<b>Ambient Readings</b>	Start	Finish
Time	1128	1141
Pressure (psia)	14.34	14.34
Temperature (°C)	19.50	19.54

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	207.10	208.03	207.12	20.71	1132	266.16	668.36
4	633	172.64	174.35	172.62	21.31	1134	263.86	670.66
3	503	116..7	119.23	116.37	21.00	1136	261.02	673.50
2	423	81.66	84.95	81.65	20.55	1138	260.10	674.42
1	358	53.38	56.54	53.38	20.02	1139	260.64	673.88



# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. + MSL): 1,100.34  
 Weather: cloudy and cool

Ambient Readings		
Time	851	904
Pressure (psia)	14.07	14.11
Temperature (°C)	17.50	17.61

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	251.26	265.67	251.29	21.55	856	72.56	1027.78
4	558	210.02	224.59	210.17	22.51	859	72.33	1028.01
3	346	117.88	135.18	117.85	22.14	901	66.60	1033.74
2	252	77.07	94.48	77.11	21.17	902	66.49	1033.85
1	172	42.36	61.04	42.37	19.66	903	63.64	1036.70

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. +MSL): 1,082.84  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1154	1203
Pressure (psia)	14.09	14.10
Temperature (°C)	17.02	19.81

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	140.14	215.39	140.27	20.08	1157	48.60	1034.24
4	392	87.51	163.03	87.46	20.85	1158	48.40	1034.44
3	322	57.05	133.05	57.09	20.97	1159	47.56	1035.28
2	240	21.30	97.67	21.31	20.78	1200	47.18	1035.66
1	150	14.21	61.17	14.20	20.17	1201	41.39	1041.45

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,139.30  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	832	840
Pressure (psia)	14.05	14.10
Temperature (°C)	19.74	18.10

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	240.59	241.97	240.59	20.23	834			
									113.19
4	524	191.14	197.49	191.15	20.89	836			
									100.80
3	429	150.27	155.77	150.27	20.69	837			
									102.05
2	259	76.59	83.38	76.64	19.86	838			
									99.06
1	149	29.26	40.22	29.31	18.93	839			
									88.63

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,102.14  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1135	1148
Pressure (psia)	14.08	14.07
Temperature (°C)	19.31	18.18

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	548	197.53	220.29	197.46	19.99	1140	72.27	1029.87
4	436	148.79	173.96	148.80	20.56	1141	67.16	1034.98
3	323	99.67	125.56	99.61	20.21	1142	65.82	1036.32
2	243	64.74	91.24	64.76	19.58	1143	64.99	1037.15
1	140	19.75	49.48	19.77	17.02	1147	58.33	1043.81

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,173.47  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	733	741
Pressure (psia)	14.01	14.10
Temperature (°C)	18.83	19.49

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	192.18	193.11	192.19	19.66	735	126.82	1046.65
4	456	155.66	156.77	155.68	20.31	737	126.65	1046.82
3	382	123.47	124.70	123.45	20.28	738	126.64	1046.83
2	277	77.74	79.20	77.75	20.00	739	126.61	1046.86
1	207	47.25	49.14	47.25	19.72	740	125.96	1047.51

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,191.21  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	955	1004
Pressure (psia)	14.05	14.07
Temperature (°C)	15.91	15.24

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	726	246.29	256.56	246.34	18.03	958	166.53	1024.68
4	582	183.94	193.94	183.99	19.04	1000	166.99	1024.22
3	468	134.48	141.77	134.56	18.51	1001	173.35	1017.86
2	370	91.94	102.30	91.95	17.77	1002	166.41	1024.80
1	250	40.68	51.33	40.65	16.60	1003	164.00	1027.21



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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: 4/3/06 Serial No.: \_\_\_\_\_  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,225.41

Note: cloudy and cool

Ambient Readings	Start	Finish
Time	1012	1022
Pressure (psia)	14.02	14.09
Temperature (°C)	15.71	17.03

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	684	156.34	221.92	156.35	18.54	1016		
								204.37
4	564	104.18	170.59	104.20	19.81	1017		
								202.79
3	424	43.27	111.81	43.29	19.50	1019		
								198.40
2	330	14.22	70.98	14.23	18.31	1020		
								198.59
1	270	14.18	45.26	14.18	17.68	1021		
								197.93

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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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. +MSL): 1,142.94  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	930	947
Pressure (psia)	14.04	14.11
Temperature (°C)	17.79	16.32

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	498	174.88	178.65	174.91	18.01	933	118.24	1024.70
4	444	151.50	155.28	151.49	18.45	934	118.16	1024.78
3	392	128.92	132.41	128.95	18.54	935	118.92	1024.02
2	314	95.04	98.24	95.06	16.64	945	119.75	1023.19
1	242	63.79	67.01	63.78	16.87	946	119.80	1023.14

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,165.05  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	1031	1043
Pressure (psia)	14.08	14.07
Temperature (°C)	17.26	17.89

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	900	337.35	336.25	337.30	19.99	1035	156.75	1008.30
4	700	250.69	252.74	250.64	21.73	1037	149.41	1015.64
3	562	190.85	190.90	190.84	21.32	1039	154.08	1010.97
2	392	117.14	117.18	117.11	19.99	1041	154.15	1010.90
1	230	46.75	46.70	46.76	18.43	1042	154.75	1010.30

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,059.10  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	752	800
Pressure (psia)	14.12	14.14
Temperature (°C)	19.17	19.08

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	125.79	166.49	125.80	19.52	755	20.48	1038.62
4	310	98.77	139.65	98.75	19.85	756	20.40	1038.70
3	240	68.83	109.72	68.74	19.79	757	19.45	1039.65
2	161	34.31	75.42	34.33	19.51	758	19.58	1039.52
1	90	14.19	43.95	14.18	19.23	759	21.18	1037.92

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,176.98  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	713	722
Pressure (psia)	14.02	14.08
Temperature (°C)	18.58	20.30

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	588	201.03	208.54	201.02	20.00	717	139.24	1037.74
4	467	148.60	157.20	148.64	20.94	718	136.68	1040.30
3	389	114.88	124.74	114.87	21.11	719	133.57	1043.41
2	329	88.82	98.67	88.81	20.98	720	133.71	1043.27
1	245	51.91	61.98	51.89	20.62	721	134.36	1042.62

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,108.84  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	655	703
Pressure (psia)	14.06	14.10
Temperature (°C)	16.02	19.83

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	205.47	217.68	205.45	18.77	658	72.25	1036.59
4	445	163.45	175.79	163.45	20.02	659	71.89	1036.95
3	319	108.92	122.47	108.88	20.34	700	68.90	1039.94
2	254	80.61	94.32	80.70	20.30	701	68.84	1040.00
1	174	45.90	60.26	45.92	20.05	702	67.42	1041.42

# GEOFON, Inc.

## 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: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (Ft. + MSL): 1,200.94  
 Weather: cloudy and cool

Ambient Readings	Start	Finish
Time	814	823
Pressure (psia)	14.00	14.08
Temperature (°C)	18.35	20.86

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	235.86	235.17	235.88	20.52	817	167.76	1033.18
4	554	182.21	182.65	182.20	21.35	819	164.92	1036.02
3	435	130.61	132.31	130.69	21.46	820	162.06	1038.88
2	373	103.80	105.61	103.80	21.49	821	161.66	1039.28
1	279	63.03	65.85	63.05	21.37	822	159.38	1041.56

**Field Data Sheet for Multi-Port Monitoring Wells**

Project Name: JPL Pasadena Well ID: MW-25  
 Project No: 4-73803 Probe Type: Westbay  
 Date: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. + MSL): 934.52  
 Weather: cloudy and cool

<b>Ambient Readings</b>	Start	Finish
Time	1057	1107
Pressure (psia)	14.16	14.17
Temperature (°C)	18.57	20.23

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	206.91	208.41	206.83	21.30	1101	264.87	669.65
4	633	172.37	174.74	172.37	21.67	1102	262.54	671.98
3	503	116.10	119.63	116.10	21.41	1104	259.68	674.84
2	423	81.38	85.31	81.37	21.11	1105	258.86	675.66
1	358	53.07	56.80	53.05	20.73	1106	259.63	674.89



**Field Data Sheet for Multi-Port Monitoring Wells**

Project Name: JPL Pasadena Well ID: MW-26  
 Project No: 4-73803 Probe Type: Westbay  
 Date: 4/3/06 Serial No.: 2508  
 Personnel: Marco Mendoza, Chase Brogdon  
 Datum: TOC Casing Size/Type: 1.5" Westbay  
 Elevation of Datum (ft. + MSL): 1,059.08  
 Weather: cloudy and cool

<b>Ambient Readings</b>	Start	Finish
Time	1119	1122
Pressure (psia)	14.11	14.16
Temperature (°C)	19.93	19.34

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)						
2	215	83.15	83.16	83.18	19.79	1120				
									55.70	1003.38
1	135	48.77	44.87	48.64	19.68	1121				
									64.04	995.04