

SOTA Environmental Technology, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-3
 Project No: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1100.34
 Weather: Cool,Cloudy

Ambient Readings	Start	Finish
Time	1407	1425
Pressure (psia)	14.11	14.09
Temperature (°C)	19.06	17.14

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	175.77						
			245.12					
			245.11					
			245.12		20.07	1412	120.07	980.27
				175.75				
4	558	134.51						
			204.58					
			204.59					
			204.58		20.43	1414	118.58	981.76
				134.53				
3	346	42.37						
			114.34					
			114.35					
			114.33		19.17	1417	114.77	985.57
				42.39				
2	252	19.26						
			73.35					
			73.37					
			73.35		18.29	1420	115.32	985.02
				14.25				
1	172	14.21						
			39.28					
			39.30					
			39.29		17.67	1422	113.91	986.43
				14.21				

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Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-4
 Project No: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1082.84
 Weather: Warm, Cloudy

Ambient Readings	Start	Finish
Time	1211	1232
Pressure (psia)	14.15	14.17
Temperature (°C)	16.79	17.28

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	135.54						
			195.05					
			195.06					
			195.05		18.30	1220	95.66	987.18
				135.56				
4	392	82.91						
			142.68					
			142.69					
			142.69		18.92	1224	95.47	987.37
				82.94				
3	322	52.45						
			112.54					
			112.56					
			112.55		18.90	1226	94.99	987.85
				52.46				
2	240	16.69						
			76.85					
			76.83					
			76.85		18.09	1229	95.37	987.47
				16.71				
1	150	14.21						
			38.64					
			38.66					
			38.64		17.64	1232	93.49	989.35
				14.21				

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Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-11
 Project No: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1139.30
 Weather: Cool,Cloudy

Ambient Readings	Start	Finish
Time	1241	1255
Pressure (psia)	14.11	14.08
Temperature (°C)	17.80	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	639	170.57						
			221.97					
			221.98					
			221.97		19.14	1247	159.46	979.84
				170.58				
4	524	121.04						
			179.47					
			179.45					
			179.46		19.25	1249	142.54	996.76
				121.05				
3	429	80.15						
			136.20					
			136.19					
			136.20		18.77	1251	147.35	991.95
				80.16				
2	259	14.21						
			64.05					
			64.04					
			64.05		18.01	1253	143.80	995.50
				14.22				
1	149	14.15						
			28.10					
			28.12					
			28.10		17.49	1254	116.71	1022.59
				14.17				

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1102.14
 Weather: Cool,Cloudy

Ambient Readings	Start	Finish
Time	1127	1150
Pressure (psia)	14.15	14.12
Temperature (°C)	17.83	16.33

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	548	134.50						
			200.25					
			200.26					
			200.26		19.39	1133	118.65	983.49
				134.50				
4	436	85.80						
			153.87					
			153.88					
			153.87		18.73	1140	113.66	988.48
				85.80				
3	323	36.59						
			104.78					
			104.77					
			104.79		17.59	1143	113.92	988.22
				36.57				
2	243	14.25						
			70.20					
			70.17					
			70.19		17.06	1145	113.72	988.42
				14.26				
1	140	14.20						
			27.78					
			27.76					
			27.78		16.64	1148	108.57	993.57
				14.22				

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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>00HW019</u>	Probe Type: <u>Westbay</u>
Date: <u>4/8/02</u>	Serial No.: <u>2502</u>
Personnel: <u>JNT/MES/TAM</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (ft. +MSL): <u>1173.47</u>	
Weather: <u>Cool, Cloudy</u>	

Ambient Readings	Start	Finish
Time	1100	1117
Pressure (psia)	14.08	14.10
Temperature (°C)	17.12	17.36

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	540	138.90						
			174.31					
			174.29					
			174.30		18.17	1105	170.37	1003.10
				138.89				
4	456	102.37						
			137.84					
			137.85					
			137.83		18.50	1107	170.49	1002.98
				102.36				
3	382	70.15						
			105.72					
			105.73					
			105.72		18.25	1108	170.58	1002.89
				70.13				
2	277	24.39						
			59.94					
			59.93					
			59.91		17.79	1111	171.23	1002.24
				24.38				
1	207	14.20						
			29.45					
			29.43					
			29.45		17.40	1115	171.56	1001.91
				14.20				

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1191.21
 Weather: Cool, Hazy

Ambient Readings	Start	Finish
Time	0801	0823
Pressure (psia)	14.08	14.07
Temperature (°C)	15.44	14.54

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	726	167.22						
			236.20					
			236.19					
			236.20		16.20	0804	213.58	977.63
				167.22				
4	582	104.65						
			174.28					
			174.29					
			174.28		16.87	0807	212.41	978.80
				104.69				
3	468	55.06						
			123.76					
			123.75					
			123.77		16.04	0810	214.97	976.24
				55.10				
2	370	14.22						
			82.37					
			82.39					
			82.38		14.18	0813	212.43	978.78
				14.22				
1	250	14.16						
			29.02					
			29.04					
			29.05		14.48	0820	215.49	975.72
				14.19				

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1225.41
 Weather: Cool,Calm

Ambient Readings	Start	Finish
Time	0647	0707
Pressure (psia)	14.00	14.00
Temperature (°C)	16.09	15.95

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	684	145.44						
			202.08					
			202.10					
			202.08		17.07	0650	250.08	975.33
				145.45				
4	564	93.33						
			150.73					
			150.72					
			150.73		18.17	0658	248.57	976.84
				93.31				
3	424	32.38						
			90.95					
			90.96					
			90.94		17.64	0701	246.48	978.93
				32.39				
2	330	14.17						
			48.45					
			48.46					
			48.45		17.01	0703	250.52	974.89
				14.18				
1	270	14.15						
			21.76					
			21.73					
			21.77		16.46	0704	252.11	973.30
				14.15				

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1142.94
 Weather: Cold/Cloudy

Ambient Readings	Start	Finish
Time	0844	0914
Pressure (psia)	14.09	14.10
Temperature (°C)	15.40	15.90

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	76.17						
			158.90					
			158.92					
			158.90		15.94	0847	163.91	979.03
			76.17					
4	444	52.63						
			135.52					
			135.54					
			135.52		15.69	0907	163.85	979.09
			52.63					
3	392	29.97						
			113.04					
			113.02					
			113.03		15.79	0909	163.75	979.19
			29.98					
2	314	14.27						
			78.68					
			78.67					
			78.68		15.92	0911	165.00	977.94
			14.25					
1	242	14.22						
			46.62					
			46.61					
			46.63		15.93	0912	166.95	975.99
			14.22					

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1165.05
 Weather: Cool,Hazy

Ambient Readings	Start	Finish
Time	0725	0747
Pressure (psia)	14.05	14.10
Temperature (°C)	15.11	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	900	304.46						
			318.55					
			318.56					
			318.55		17.62	0730	197.51	967.54
				304.51				
4	700	217.56						
			233.15					
			233.17					
			233.16		19.47	0735	194.51	970.54
				217.67				
3	562	157.74						
			172.31					
			172.32					
			172.31		18.64	0741	196.89	968.16
				157.71				
2	392	83.83						
			97.67					
			97.68					
			97.66		17.85	0743	199.09	965.96
				83.80				
1	230	14.20						
			26.55					
			26.57					
			26.55		16.75	0745	201.15	963.90
				14.21				

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1059.10
 Weather: Cool, Cloudy

Ambient Readings	Start	Finish
Time	1011	1021
Pressure (psia)	14.14	14.13
Temperature (°C)	15.41	16.85

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	129.45						
			147.45					
			147.46					
			147.48		16.49	1014	64.42	994.68
			129.45					
4	310	102.44						
			120.63					
			120.62					
			120.63		16.93	1015	64.34	994.76
			102.45					
3	240	72.43						
			90.65					
			90.66					
			90.65		17.07	1017	63.48	995.62
			72.42					
2	161	38.05						
			56.25					
			56.24					
			56.25		16.94	1019	63.86	995.24
			38.03					
1	90	14.18						
			24.48					
			24.47					
			24.48		16.88	1020	66.15	992.95
			14.19					

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1176.98
 Weather: Warm, Overcast

Ambient Readings	Start	Finish
Time	1315	1328
Pressure (psia)	14.08	14.11
Temperature (°C)	17.25	18.35

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	588	132.57						
			188.71					
			188.72					
			188.71		18.43	1318	185.12	991.86
			132.57					
4	467	80.01						
			137.47					
			137.48					
			137.47		19.16	1320	182.33	994.65
			80.02					
3	389	46.10						
			104.87					
			104.86					
			104.88		19.19	1323	179.55	997.43
			46.10					
2	329	19.95						
			78.72					
			78.71					
			78.72		18.89	1324	179.88	997.10
			19.95					
1	245	14.21						
			41.05					
			41.03					
			41.05		18.61	1326	182.80	994.18
			14.19					

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1108.84
 Weather: Cool, Light Drizzle

Ambient Readings	Start	Finish
Time	0540	0556
Pressure (psia)	14.53	14.06
Temperature (°C)	15.24	17.92

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	157.85						
			197.78					
			197.77					
			197.79		17.21	0546	119.24	989.60
			157.86					
4	445	115.72						
			155.92					
			155.91					
			155.91		18.19	0549	118.83	990.01
			115.73					
3	319	60.98						
			102.33					
			102.32					
			102.33		18.44	0552	116.45	992.39
			60.98					
2	254	32.65						
			73.99					
			73.98					
			73.99		18.34	0554	116.83	992.01
			32.65					
1	174	14.15						
			38.92					
			38.93					
			38.91		18.11	0555	117.73	991.11
			14.17					

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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: 00HW019 Probe Type: Westbay
 Date: 4/8/02 Serial No.: 2502
 Personnel: JNT/MES/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1200.94
 Weather: Cool, Cloudy

Ambient Readings	Start	Finish
Time	1336	1349
Pressure (psia)	14.07	14.07
Temperature (°C)	21.25	19.25

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	678	166.42						
			215.22					
			215.21					
			215.22		20.64	1340	213.95	986.99
				166.45				
4	554	112.59						
			162.72					
			162.71					
			162.73		20.22	1342	211.06	989.88
				112.61				
3	435	60.87						
			112.01					
			112.03					
			112.01		19.93	1344	209.04	991.90
				60.87				
2	373	33.90						
			84.96					
			84.98					
			84.96		19.76	1346	209.44	991.50
				33.89				
1	279	14.20						
			44.17					
			44.15					
			44.16		19.53	1347	209.58	991.36
				14.20				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1100.34
 Weather: Hot/Sunny

Ambient Readings	Start	Finish
Time	1221	1229
Pressure (psia)	14.08	14.14
Temperature (°C)	18.57	18.22

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	653	175.88						
			245.53					
			245.52					
			245.53		19.32	1223	119.05	981.29
				175.87				
4	558	134.39						
			204.84					
			204.86					
			204.85		19.79	1225	117.89	982.45
				134.58				
3	346	42.28						
			114.83					
			114.84					
			114.86		19.56	1226	113.54	986.80
				42.34				
2	252	14.24						
			73.95					
			73.93					
			73.92		19.04	1227	113.92	986.42
				14.24				
1	172	14.19						
			39.77					
			39.81					
			39.79		18.61	1228	112.69	987.65
				14.20				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1082.84
 Weather: Hot/Sunny

Ambient Readings	Start	Finish
Time	1244	1256
Pressure (psia)	14.10	14.12
Temperature (°C)	17.90	17.28

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	135.48						
			195.41					
			195.43					
			195.39		18.68	1247	94.72	988.12
			135.44					
4	392	82.78						
			143.04					
			143.06					
			143.05		18.98	1248	94.51	988.33
			82.79					
3	322	52.36						
			112.97					
			112.98					
			112.96		18.90	1251	93.91	988.93
			52.35					
2	240	16.60						
			77.35					
			77.34					
			77.36		18.66	1252	94.08	988.76
			16.63					
1	150	14.18						
			39.28					
			39.32					
			39.30		17.66	1255	91.86	990.98
			14.19					

SOTA Environmental Technology, Inc.

Piezometric Pressures/Levels

Field Data Sheet for Multi-Port Monitoring Wells

Project Name: JPL Pasadena Well ID: MW-11
 Project No: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1139.30
 Weather: Fair and Sunny

Ambient Readings	Start	Finish
Time	1031	1042
Pressure (psia)	14.07	14.09
Temperature (°C)	17.31	17.27

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	170.37						
			222.23					
			222.24					
			222.25		18.35	1100	158.75	980.55
				170.41				
4	524	120.96						
			180.00					
			179.98					
			179.99		18.67	1102	141.22	998.08
				120.90				
3	429	79.96						
			136.65					
			136.64					
			136.65		17.69	1108	146.22	993.08
				79.99				
2	259	14.20						
			64.56					
			64.57					
			64.56		17.37	1110	142.51	996.79
				14.21				
1	149	14.14						
			28.27					
			28.24					
			28.26		17.01	1112	116.27	1023.03
				14.15				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1102.14
 Weather: Hot/Sunny

Ambient Readings	Start	Finish
Time	1304	1312
Pressure (psia)	14.11	14.11
Temperature (°C)	17.16	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	548	138.42						
			200.51					
			200.49					
			200.50		17.92	1306	118.00	984.14
				138.39				
4	436	89.67						
			154.24					
			154.23					
			154.25		18.25	1308	112.72	989.42
				89.68				
3	323	40.36						
			105.29					
			105.28					
			105.29		18.02	1309	112.66	989.48
				40.47				
2	243	14.22						
			70.80					
			70.78					
			70.79		17.53	1310	112.24	989.90
				14.24				
1	140	14.15						
			28.27					
			28.26					
			28.28		17.26	1311	107.33	994.81
				14.20				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1173.47
 Weather: Hot and Clear

Ambient Readings	Start	Finish
Time	1115	1129
Pressure (psia)	14.08	14.06
Temperature (°C)	17.71	17.72

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	540	138.70						
			173.65					
			173.67					
			173.66		18.41	1120	171.85	1001.62
				138.70				
4	456	102.15						
			137.27					
			137.25					
			137.27		18.62	1123	171.82	1001.65
				102.15				
3	382	69.93						
			105.21					
			105.19					
			105.20		18.46	1125	171.79	1001.68
				69.93				
2	277	24.17						
			59.70					
			59.69					
			59.71		18.10	1127	171.75	1001.72
				24.19				
1	207	14.16						
			29.72					
			29.74					
			29.71		17.87	1128	170.91	1002.56
				14.15				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1191.21
 Weather: Cool/Clear

Ambient Readings	Start	Finish
Time	0731	0743
Pressure (psia)	14.04	14.06
Temperature (°C)	11.23	14.29

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	726	166.97						
			236.23					
			236.25					
			236.24		13.64	0734	213.38	977.83
				166.99				
4	582	104.48						
			174.26					
			174.23					
			174.24		15.06	0736	212.41	978.80
				104.44				
3	468	54.83						
			124.13					
			124.12					
			124.14		15.11	0738	214.02	977.19
				54.83				
2	370	14.23						
			82.95					
			82.97					
			82.96		14.84	0739	211.00	980.21
				14.24				
1	250	14.18						
			29.73					
			29.71					
			29.74		14.53	0741	213.81	977.40
				14.17				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1225.41
 Weather: Clear/Cool to Warm

Ambient Readings	Start	Finish
Time	0830	0843
Pressure (psia)	14.02	14.05
Temperature (°C)	14.62	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	684	148.05						
			201.60					
			201.59					
			201.61		16.24	0833	251.25	974.16
				148.05				
4	564	95.93						
			150.89					
			150.88					
			150.86		17.82	0837	248.27	977.14
				95.92				
3	424	35.00						
			91.55					
			91.53					
			91.54		17.61	0839	245.16	980.25
				34.99				
2	330	14.22						
			49.32					
			49.34					
			49.33		16.98	0840	248.54	976.87
				14.21				
1	270	14.16						
			22.76					
			22.78					
			22.76		16.60	0841	249.82	975.59
				14.17				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/TAM/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1142.94
 Weather: Hot/Sunny

Ambient Readings	Start	Finish
Time	0913	0934
Pressure (psia)	14.09	14.09
Temperature (°C)	16.33	16.16

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	76.05						
			159.22					
			159.21					
			159.22		16.87	0920	163.19	979.75
				76.07				
4	444	52.55						
			135.83					
			135.84					
			135.83		16.63	0922	163.14	979.80
				52.55				
3	392	29.88						
			113.49					
			113.50					
			113.48		16.40	0928	162.68	980.26
				29.89				
2	314	14.26						
			79.18					
			79.19					
			79.20		16.37	0931	163.81	979.13
				14.24				
1	242	14.20						
			47.41					
			47.38					
			47.39		16.26	0932	165.17	977.77
				14.20				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1165.05
 Weather: Cool/Clear

Ambient Readings	Start	Finish
Time	0800	0818
Pressure (psia)	14.06	14.06
Temperature (°C)	13.25	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	900	304.15						
			318.58					
			318.57					
			318.56		16.96	0806	197.50	967.55
			304.14					
4	700	217.25						
			230.37					
			230.35					
			230.37		19.18	0810	200.99	964.06
			217.28					
3	562	157.33						
			169.59					
			169.57					
			169.58		19.07	0812	203.22	961.83
			157.30					
2	392	83.47						
			96.93					
			96.95					
			96.94		18.07	0814	200.80	964.25
			83.46					
1	230	14.18						
			25.61					
			25.58					
			25.60		17.03	0816	203.38	961.67
			14.18					

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT/TAM
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1059.10
 Weather: Clear/Warm

Ambient Readings	Start	Finish
Time	0955	1013
Pressure (psia)	14.11	14.11
Temperature (°C)	16.54	16.07

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	372	129.23						
			147.56					
			147.58					
			147.57		17.75	1000	64.11	994.99
				129.23				
4	310	102.26						
			120.72					
			120.71					
			120.73		17.90	1001	64.05	995.05
				102.25				
3	241	72.22						
			90.83					
			90.81					
			90.82		17.38	1005	64.03	995.07
				72.21				
2	162	37.82						
			56.57					
			56.55					
			56.57		17.06	1009	64.06	995.04
				37.81				
1	90	14.17						
			25.19					
			25.22					
			25.21		16.91	1012	64.40	994.70
				14.18				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1176.98
 Weather: Fair and Sunny

Ambient Readings	Start	Finish
Time	1138	1148
Pressure (psia)	14.04	14.08
Temperature (°C)	17.82	18.64

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	131.25						
			188.90					
			188.91					
			188.90		18.74	1141	184.59	992.39
				131.27				
4	467	78.68						
			137.57					
			137.59					
			137.58		19.16	1143	181.99	994.99
				78.72				
3	389	44.76						
			104.95					
			104.96					
			104.94		19.17	1144	179.27	997.71
				44.78				
2	329	18.61						
			78.86					
			78.84					
			78.86		19.02	1145	179.48	997.50
				18.65				
1	245	14.18						
			41.84					
			41.85					
			41.85		18.80	1147	180.85	996.13
				14.19				

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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-23</u>
Project No: <u>00HW019</u>	Probe Type: <u>Westbay</u>
Date: <u>5/2/02</u>	Serial No.: <u>2502</u>
Personnel: <u>MES/JNT/TAM</u>	
Datum: <u>TOC</u>	Casing Size/Type: <u>1.5" Westbay</u>
Elevation of Datum (ft. +MSL): <u>1108.84</u>	
Weather: <u>Clear</u>	

Ambient Readings	Start	Finish
Time	0624	0636
Pressure (psia)	14.08	14.10
Temperature (°C)	5.49	16.81

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	542	157.56						
			198.17					
			198.19					
			198.21		12.69	0629	117.26	991.58
				157.56				
4	445	115.45						
			156.22					
			156.21					
			156.21		14.64	0630	117.10	991.74
				115.44				
3	319	60.65						
			102.66					
			102.67					
			102.65		15.92	0632	114.65	994.19
				60.66				
2	254	32.39						
			74.41					
			74.40					
			74.40		16.44	0633	114.83	994.01
				32.38				
1	174	14.20						
			39.81					
			39.80					
			39.81		16.69	0635	114.65	994.19
				14.18				

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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: 00HW019 Probe Type: Westbay
 Date: 5/2/02 Serial No.: 2502
 Personnel: MES/JNT
 Datum: TOC Casing Size/Type: 1.5" Westbay
 Elevation of Datum (ft. +MSL): 1200.94
 Weather: Hot/Clear

Ambient Readings	Start	Finish
Time	1201	1212
Pressure (psia)	14.04	14.07
Temperature (°C)	18.41	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	678	166.36						
			215.47					
			215.46					
			215.48		19.10	1204	213.30	987.64
				166.35				
4	554	112.50						
			162.96					
			162.97					
			162.96		19.34	1206	210.43	990.51
				112.51				
3	435	60.77						
			112.35					
			112.34					
			112.36		19.37	1208	208.20	992.74
				60.78				
2	373	33.80						
			85.46					
			85.45					
			85.47		19.36	1209	208.23	992.71
				33.81				
1	279	14.19						
			46.13					
			46.14					
			46.13		19.24	1210	204.96	995.98
				14.20				