This attachment contains water level measurements for the JPL relatively shallow standpipe monitoring wells (MW-1, MW-5 through MW-10, MW-13, MW-15, and MW-16) and the Westbay[™] multiport wells (MW-3, MW-4, MW-11, MW-12, MW-14, and MW-17 through MW-26) obtained during the second quarter 2021. Water level measurements were recorded before the sampling event on May 17, 2021, for the relatively shallow standpipe monitoring wells and May 17, 18, 19, 24, 25, and 26, 2021 for the Westbay[™] multiport wells. Water level measurements were recorded after the sampling event on June 3 and 4, 2021, for the relatively shallow standpipe monitoring wells and the Westbay[™] multiport wells. Water levels for the shallow standpipe monitoring a Solinst[™] water level meter. In the deep multiport wells, the hydraulic head at each sampling port was measured with a Westbay[™] MOSDAX sampling probe. Water level measurements were conducted by Blaine Tech Services, Inc.

		WELL	GAUGING DA	TA		
Project #	210517	<u>45-1</u> Date (05/17/21	Client	Tidewater	
Site	JPL	Pasadena	CA	49 19		

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	l	Γ		<u> </u>	Thickness	T	Γ	I	r	
	Well			Depth to	of	Volume of		Depth to	Sur	vey
Well ID	Size (in.)	Time	Sheen /	Immiscible	Immiscible	Immiscibles	Depth to water	well bottom	Point:	TOB
	(m.)	Gauged	Odor	Liquid (ft.)	Liquid (ft.)	Removed (ml)	(ft.)	(ft.)	or	<u>C00</u>
MW-1	4	1445			: : : :	1 1 1 1 1	24.96	Ded. Pump		
MW-5	4	0940			2 2 2 2 2 2		134.19	135.55		
MW-6	4	1020				I	DRY	238.19		
MW-7	4	1040				3 3 6 6 7 8	DRY	268.08		
MW-8	4	1115				8 1 1 1 1 2	DRY	202.10		
MW-9	4	1500		t F F F F F			19.22	Ded. Pump		
MW-10	4	1000	min.u				DRY	153.33		÷ ,
MW-13	4	0840					DRY	234.8		. z 🦿
MW-15	4	0855					30.84	Ded. Pump		
M ^w -16	4	0920					30.84 284.50	285.36	Ei	
	5 5 6 5					2 6 7 8 8 8				
) 4 1 1 1 1 1				
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2 A	- 	- 	<u> </u>			1 2 3 9 9 9				
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		WELL ID;	MW-3		*****		PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	5/17/21				SERIAL NO. EMS	2502		-
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	G	1100.34		OPERATOR(S) L.J.Je	odura		-
		WEATHER:	Cloudy				ATM. PRESSURE (Palm):	(start) 14.09 ((finish) [4.]]	<u></u>
	T-16000000000000000000000000000000000000	DTU	- 196	.10			Temp:	18.38%	17.6700	
		to Meas. /alve (fl)		Y	leadings (psi)	·	Pressure Head Outside	Depth to Water Outside		-
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm [‡] Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2_307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	653	651	213.97	216.60	213.97	19.25	467.19	185.81	653	1442
4	558	556	172.60	176.10	172.60	19,42	373.76	184.24	558	1445
3	346	344	80.18	84.43	80.18	18,94	162.27	183.73	346	1450
2	252	250	37.02		37.02	18.54	70.92	181.08	252	1453
1	172	170	14.20	16.30	14.20	18.12	5.10	166.90	172	1456
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Comments: Collar Detect is 2' above sample port

		WELL ID:	MW-4				PROBE TYPE	Wostbay Sampler 0-500psi		
		DATE:	5/19/2	1	***		SERIAL NO. E.	MS 2507	2	-
		LOCATION:	JPL				PROJECT	JPL Pasadena		
		ELEV. TOP OF	WASTBAY CASIN	G	1082.84		OPERATOR(S) L.H.	enderson		-
		WEATHER:	clou	idv			ATM. PRESSURE (Palm);	111 01	(linish) 14.07	-
		DTI)- 18	5.18			Тетр:	20.33	19.44%	-
		to Meas. /alve (ft)	<u> </u>	7	Readings (psi)	· · · · · · · · · · · · · · · · · · ·	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) _ DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	513	511	166.22	166.35	166.22	22.09	351.33	161.67	513	0810
4	392	390	113.44	114.09	113,44	21.76	230.77	161.23	392	0818
3	322	320	82.88	83.87	82.08	21,42	161.05	160.95	322	0821
2	240	238	47.06	48.89	47.06	20.97	80.35	159.65	240	0823
1	150	148	14.15	14.14	14.15	20.02	0.18	149.82	150	0826
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Comments: Collar Detect is 2' above sample port

		WELL ID:	MW-11				PROBE TYPE	Wesibay Sampler 0-500psi		
		DATE: C	5/18/21				SERIAL NO. EM	5 2502	******	-
		LOCATION: -	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	3	1139.3		OPERATOR(S)	lenderson		-
		WEATHER:	cloudy				ATM, PRESSURE (Patm):		finish) 14.06	-
		DTU-	210:5	1			Тетр:	17.18°C	18.62	-
		to Meas. /alve (ft)		¥*****	leadings (psi)	1	Pressure Head Outside	Depth to Water Outside		[
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time -
5	639	637	199,75	175,64	199.75	19.69	372.72	266.28	639	0856
4	524	522	150.17	150.10	150.17	20.35	313.80	210.20	524	0858
3	429	427	109.21	108.24	109.21	20.31	217.23	211.77	429	0900
2	259	257	35,42	40.30	35.42	19.63	60.49	198.51	259	0903
1	149	147	14.15	23.16	14.15	18.89	20.95	128.05	149	0905
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-12				PROBE TYPE	Westbay Sampler 0-500psi		_
		DATE: S	118/21				SERIAL NO. EI	45 2502		_
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	3	1102.14		OPERATOR(S) L.H	enderson		/
		WEATHER:	cloudy				ATM. PRESSURE (Palm):		(finish) 14,06	-
		DTL) - 14	14.10			Temp:	18.44°C	(finish) 14,06 18.26°C	-
		lo Meas. 'alve (ft)		· · · · · · · · · · · · · · · · · · ·	leadings (psi)	·····	Pressure Head Outside	Depth to Water Outside	[·
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time
5	548	546	190,86	152.11	<i>R0.86</i>	19.89	318.46	229.54	548	0816
4	436	435	142.10	122.08	142.10	20.38	249.18	186.82	436	0819
3	323	322	92.87	76.47	92.87	19.94	143.96	179.04	323	0821
2	243	242	57.99	42.82	57.99	19.30	66.33	176.67	243	0823
1	140	139	14,16	14.18	14.16	18.67	0.25	139.75	140	0826
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c	comments:	Collar Detect i	s 6" above samp	le port						

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

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		WELL ID:	MW-14				PROBE TYPE	Westbay Sampler 0-500psi			
		date: S	118/21				SERIAL NO. EMS	2502		*	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	G	1173.47			enderson		-	
		WEATHER:	cloudy				ATM. PRESSURE (Patm):	1 1 1 1 1 1	finish) [4.0]	-	
		DTL	$\frac{1}{2} - 1^{\circ}$	16.33)		Temp:		19.66°C	•	
		to Meas. /alve (ft)	·	7	eadings (psi)	r	Pressure Head Outside	Depth to Water Outside			
Port Na.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) { ft }	Time	
5	540	538	164.93	147.69	164.93	20.23	308.26	231.74	540	0955	
4	456	454	128.15	111.44	128.15	20.60	224.63	231.37	456	0959	
3	382	381	95.87	79.38	95.87	20,49	150.67	231.33	382	1000	
2	277	275	50.09	33.68	50.09	20.06	45.24	231.76	277	1004	
1	207	206	19,48	14,22	19.4B	19.89	0.35	206.65	207	1006	<
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-17		·····		PROBE TYPE	Westbay Sampler 0-500psi		_
		DATE: S	5/26/21				SERIAL NO. EMS	<u>2502</u>		_
		LOCATION:	JPL					JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASING	3	1191.21		OPERATOR(S) 1. HELA	hetsin		
		WEATHER:	CLOCK SI	unna			ATM. PRESSURE (Palm):	.ff 1	finish) 14.05	-
		UTO	-204.1	6			Temp:	21.19°C	17.28%	
		to Meas. /alve (ft)		r	eadings (psi)		Pressure Head Outside	Depth to Water Outside		. '
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Palm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	726	725	238.81	176.25	238.81	19,90	374.29	351.71	726	0819
4	582	581	176.45	124.53	176.45	19.81	254.97	327.03	582	0823
3	468	467	126.96	92.43	126.96	19,12	180.91	287.09	468	0825
2	370	369	84.41	54.32	84.41	18.04	93.00	277.00	370	0828
1	250	250	32,17	14.16	32.17	17.48	0.35	249.65	250	0830
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-18			******	PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: S	117/21				SERIAL NO. EN	5 2502	<u></u>	
		LOCATION:	JPL	·····			PROJECT	JPL Pasadena	**************************************	-
		ELEV. TOP OF	WASTBAY CASIN	G	1225.41		OPERATOR(S) / . /-/	endersch	· · · · · · · · · · · · · · · · · · ·	
		WEATHER:	Claudy				ATM PRESSURE (Patm)	(start) 14,04	(finish) 14.06	-
r	r	DTL) - 29	<u> </u>			Temp:	17,56%	18.00%	~
		to Meas. /alve (ft)		1	leadings (psi)	1	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp, (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	684	682	184.21	158.81	184.21	19.54	333.98	350.02	684	1351
4	564	562	131.99	112,20	131.99	20.21	226.46	337.54	564	1355
3	424	422	71.00	62.89	71.00	19.62	112.70	311.30	424	1358
2	330	328	<u>19.99</u>	23.94	29.99	18.53	22.84	307.16	330	18/401
1	270	269)	14.20	14.19	14,20	18.24	0.35	269.65	270	13:1403
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-19		·····		PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	5/19/21				SERIAL NO. CH	15 2.50Z		_
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASING	3	1142.94		OPERATOR(S) L.He	ndesci		-
		WEATHER:	_clear,5	Viny			ATM. PRESSURE (Patm):		finish) (4.00	-
<u></u>	· · · · · · · · · · · · · · · · · · ·	DIU	<u> </u>	1. 80			Temp:	19.85°L	18.64°C	
		to Ňeas. /atve (ff)		γ	eadings (psi)	,	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ^z Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(fl)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp.P(ft)	True Port Deplh (Dp) (ft)	Time
5	498	496	168.75	113.67	168.75	20.67	230.03	267.97	498	1336
4		442	145.32	90.50	145.32	20.48	176.58	267.42	444	1338
3	392	390	122.73	84.16	122.73	20.27	161.95	230.05	392	1340
2	314	312	88,82	50.81	88.82	20.1Ò	85.01	228.99	314	1342
1	242	240	57.57	21.75	57.57	19,71	17.97	224.03	242	13 45
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-20				PROBE TYPE	Weslbay Sampler 0-500psi		
		<u> date: 5</u>	117/21				SERIAL NO. EMS	2502		-
		LOCATION:	JPL .				PROJECT	JPL Pasadena	Mill	-
		ELEV. TOP OF	WASTBAY CASIN	3	1165.05		OPERATOR(S) Litten	detson		-
		WEATHER:	<u>clicuity</u>				ATM. PRESSURE (Patm):	11	finish) 14.10	-
		DIM	1-243	.51			Тетр:	19.21°C	18.0600	•
		to Meas. /alve (fl)		T	leadings (psi)	······	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depih (Dp) (ft)	Time
5	900	897	300.60	293.64	300.60	22,72	644.90	255.10	900	1308
4	700	697	213.57	194.21	213.57	22.79	415.51	284.49	700	1312
3	562	561	153.49	140.59	153,49	21,90	291.81	270.19	562	1325
2	392	390	79,47	70.19	79,47	20,20	129.40	262.60	392	13/8
1	230	229	14.21	14,24	14.21	18.71	0.32	229.68	230	1320
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-21				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: S	17/21				SERIAL NO. EMS	2502		-
		LOCATION:	JPL			7-1	PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	G	1059.10		OPERATOR(S) (.He	nderson		-
		WEATHER:	cloudy		·····		ATM. PRESSURE (Palm):	(start) 14,08	finish) 14.16	•
r	1	JTG	<u>2-117</u>	.72			Тетр:	17.25°C	19.10°C	•
		to Meas. /alve (ft)			leadings (psi)		Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time
5	372	371	125.84	122.07	125.84	18.49	249.13	122.87	372	12/3
4	310	309	98.82	95.23	98.82	19.13	187.21	122.79	310	12.15
3	240	240	68.72	65.37	68,72	19.26	118.33	121.67	240	1217
2	161	160	34.22	31.22	34.22	19,18	39.54	121.46	161	1219
1	90	09	14.19	14.18	14,19	19.13	0.23	89.77	90	1221
C	Comments:	Collar Detect i	is 2' above sampl	le port						

		WELL ID:	MW-22			tententente weinen	PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	5/24/2	<u> </u>			SERIAL NO. EMS	2SOZ		-
		LOCATION:	JPL.				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASING	3	1176.98		OPERATOR(S) L. HPY	derson		_
		WEATHER:	clear,	SUNNY			ATM. PRESSURE (Patm):	(start) 14.02 (finish) 14.05	_
	¥	DTC	1-229	3.64			Temp:	21.10	20.17	•
		to Meas. 'alve (ft)		T	eadings (psi)	·	Pressure Head Outside	Depth to Water Outside		f.
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ff) P(ff)=(P2-Palm)*2.307 fUpsi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	588	586	171.74	154.47	171.74	21.69	324.02	263.98	588	0846
4	467	466	119.09	105,48	119.09	21.89	211.00	256.00	467	0849
3	389	387	85.11	77.3.5	85.II	21.76	146.10	242.90	389	0851
2	329	327	58.95	51.24	58.95	21.46	85.87	243.13	329	0853
1	245	243	21.80	15.20	21.80	21.02	2.72	242.28	245	0855
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Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-23		······		PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: 5	118/21			54.7	SERIAL NO. EL	15 2502		
		LOCATION:	JPL				PROJECT	JPL Pasadena		
		ELEV. TOP OF	WASTBAY CASING	3	1108.84		OPÉRATOR(S)	Hendelson		_
		WEATHER:	Clear, SU	my	ŕ		ATM. PRESSURE (Palm):	(start) 14.07 (finish) 14.07	_
		DTU	- 14:	2.10		•	Tomo	18.85	20.05	-
		to Meas. /aive (ft)		·····	leadings (psi)	1	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH²O Inside Casing	Trans, Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	542	540	188.00	165.04	188,00	21.22	348.29	193.71	542	1042
4	445	444	145.97	123.13	145.97	21.45	251.60	193.40	445	1045
3	319	318	91.32	75.16	91.32	21.29	140.93	178.07	319	1047
2	254	253	63.11	47.00	63.11	20.32	75.97	178.03	254	1053
1	174	173	28.32	14.19	28.32	20.12	0.28	173.72	174	1056
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Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-24				PROBE TYPE	Weslbay Sampler 0-500psi		
		DATE:	3/18/21				SERIAL NO. EMS	2502		
		LOCATION:	JPL				PROJECT	JPL Pasadena		~
		ELEV. TOP OF	WASTBAY CASING	3	1200.94		OPERATOR(S) L.HU	nderson		<u></u>
		WEATHER:	clear, SI	Unny			ATM. PRESSURE (Patm):	(start) 14.06 (finish) 13.98	-
r	.	T <i>Q</i>	<u>n - n</u>	40.07			Temp:	27.85	finish) 13.98 23-06	-
		to Meas. /alve (ft)		1	eadings (psi)		Pressure Head Outsido	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 fVpsi)	Port (ft)	True Port Depth (Dp) (ft)	Time
5	678	676	204,09	174.99	204.09	24.10	371.27	306.73	678	1447
4	554	352	150.42	128.43	150.42	23.55	263.85	290.15	554	1450
3	435	433	98.80	84.15	98.90	22.94	161.70	273.30	435	1452
2	373	371	78.79,	57.77	22.7924	22.53	100.84	272.16	373	1455
1	279		71.91		71.91		11.83	267.17	279	1459
		×277	31.15	19.19	31.15	22.97				
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		Calles Datast !	s l'aboue samol	•			······································			

Comments: Collar Detect is 1' above sample port

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		WELL ID:	MW-25				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: 5	117/21				SERIAL NO. EMS	2502		••
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	3	934.53		OPERATOR(S) (.H	enderson		-
		WEATHER:	Cloudy				ATM. PRESSURE (Patm):		finish) 19,18	•
	-	DTU.	248	<u>,88</u>			Temp:	19.9306	20.39°C	-
		to Meas. /alve (ft)		T	cadings (psi)	1	Prossure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psl Inside Casing	kg/cm² Outside Casing P2	mH [°] O Inside Casing	Irans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	713	711	216.48	215.70	216.48	21.12	464.93	248.07	713	1538
4	633	631	181.95	181.70	181-95	21.49	386.49	246.51	633	1540
3	503	502	125.61	126,00	125.61	21.22	257.99	245.01	503	1543
2	423	421	90.81	91.39	90.81	20.79	178.15	244.85	423	1547
1	358	356	62.48	63.05	62.48	20.65	112.77	245.23	358	1550
	[1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

Comments: Collar Detect is 2' below sample port

		WELL ID:	MW-26				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	5/25/2	21			SERIAL NO. CMC	52502		**
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	G	1059.08		OPERATOR(S)	an delscn	······································	-
		WEATHER:	clear, S	Umny			ATM. PRESSURE (Palm):	<u> </u>	(linish) 14.09	-
F	,	DT	U - 50	7.46			Temp:	31,14%	22.91%	
		to Meas. /alve (ft)	ļ	· · · · · · · · · · · · · · · · · · ·	leadings (psi)		Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Dopth (Dp) (ft)	Time
2	215	23	81.44	45.16	81.44	25.75	71.70	143.30	215	1312
1	135	132	46.56	14.18	46.56	23.67	0.23	134.77	135	1315
										······································

Comments: Collar Detect is 2' below sample port

WELL GAUGING DATA

Project # 21051745-1 Date 63/3/2164121 Client Ticker zite-Site _____P(

Well ID	Well Size (in.)	Time Gauged	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB of TOC
MW-1	4	1005	1 1 1 1 1				26.21	Decl.	
MW-5	4	1355				1	133.71	Pring 33.9	
MW-6	4	0850					DRY	238.37	
MW-7	4	1200					DRY	Ded. Pump	
MW-8	4	0955					DRY	201.82	
MW-9	4	1015					20.14	Ped. Pump	
MW-10	4	1320					DRY	153.84	
MW-13	4	0830					DRY	234.78	
16 MW-25	4	1150					DRY	284.57	
MU-15	4	025					32.05		
			9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8					- 	
		6 1 8 8 8							
	1 1 1 1 1				E 5 6 7 8				
						1 3 3 5 6 7 7			
		3						1 1 1 1 1 1 1	
								3 	
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		WELL ID:	MW-3				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: (C	213/21				SERIAL NO. EM.	52502		
		LOCATION:	JPL				PROJECT	JPL Pasadena		
		ELEV. TOP OF	WASTBAY CASING		1100.34		OPERATOR(S) L.H.	enderson		
		WEATHER:	<u>clear</u> ,	SUNNY			ATM. PRESSURE (Palm):	(sian) / 4.00 (1	finish) 14.04	
	<u> </u>	JU-	196.	57'			Temp:	22.17 °C	finish) 14.04 17.20°C	
		lo Meas. aive (ft)			eadings (psi)	r	Pressure Head Outside	Depth to Water Outside	True David Davids (Da)	. '
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH ⁷ O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2·Palm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) ` (ft)	Time
5	653	653	213.32	216.47	213.32	19.89	467.10	185.90	653	1017
4	558	556	171.95	175,75	171,95	20.14	373.16	184.84	558	1021
3	346	344	79,50	64.00	79,50	18.63	161.49	184.51	346	1028
2	252	250	38.50		38.50	18.12	69.12	182.88	252	1033
1	172	171	14.11	15.55	14.11	17.49	3.58	168.42	172	1036

Comments: Collar Detect is 2' above sample port

		WELL ID:	MW-4				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	12/21				SERIAL NO. CM	<u>S 2502</u>		
		LOCATION:	JPL				PROJECT	JPL Pasadena		
		ELEV. TOP OF	WASTBAY CASING	;	1082.84		OPERATOR(S) C.17	lenderson		
		WEATHER:	CLEAR	Whay			ATM. PRESSURE (Palm):	(start) 14.03 (1	inish) 14.01	
		Diu	-169	9.45			Temp:	22.91%	19.34%	
		to Meas.			eadings (psi)		Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm ² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 fUpsi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	513	511	164.86	1106.21	164.86	22.14	351.08	161.92	513	1355
4	392	390	112.07	113 85	112.07	22.10	230.28	161.72	392	1358
3	322	320	Ø1.51	83.59	81.51	21.41	160.47	161.53	322	1403
2	240	238	95.64	48.67	45.64	21.07	79.80	160.20	240	1405
1	150	148	14.11	14.13	14#11	20.24	0.23	149.77	150	1407
									5	
								· · · · · · · · · · · · · · · · · · ·		A STATE

Comments: Collar Detect is 2' above sample port

		WELL ID:	MW-11				PROBE TYPE	Westbay Sampler 0-500psi		_
		DATE: 6	14/21			<u></u>	SERIAL NO. GMS	2502		_
		LOCATION:	JPL				PROJECT	JPL Pasadena		_
		ELEV. TOP OF	WASTBAY CASING	3	1139.3	·	OPERATOR(S) LHER	derson		_
		WEATHER:	Clear, SI	unny			ATM. PRESSURE (Patm):	(start) / 7.09 (finish) 14.02	
		DTL) -2	2/1.20	>		Temp:	23.06°C	finish) 14.02 19.10°C	-
		to Meas. 'alve (ft)	ļ	Y	eadings (psi)	I	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ^z O Inside Casing	Trans, Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	639	637	199,42	176.21	199,42	21.93	374.13	264.87	639	0953
4	524	522	149.79	149.62	149.79	21.97	312.78	211.22	524	0955
3	429	427	108.86	107.86	108.86	21.40	216.44	212.56	429	0957
2	259	257	35.06	40.09	35.06	20.29	60.10	198.90	259	1000
1	149	147	14.11	23.16	14-11	19.63	21.04	127.96	149	1002
 										
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-12				PROBE TYPE	Westbay Sampler 0-500psi		_
		DATE:	14(21				SERIAL NO. CMS	2502		-
		LOCATION:	JPL					JPL Pasadena		_
		ELEV. TOP OF	WASTBAY CASING	6	1102.14		OPERATOR(S) L-HE	nderson		_
		WEATHER:	clear				ATM. PRESSURE (Palm):	(start) /403 (finish) /4.08	_
	<u> </u>	NTU	-##	FE K	144.7	7	Temp:	24.042	18.92	٢
		to Meas. /alve (ft)	<u>.</u>		leadings (psi)	T	Pressure Head Outside	Depth to Water Outside	True Dead Death (De)	4,
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cn3 ² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 tt/psi)	Port (ft) DTW = Dp⋅P(ft)	True Port Depth (Dp) (ft)	Time
5	548	546	190.57	152.94	190.57	22.25	320.47	227.53	548	104.5
4	436	435	141.83	121.90	141.83	21.93	248.86	187.14	436	1047
3	323	322	92.61	76.20	92.61	20.93	143.43	179.57	323	1049
2	243	242	57.67	42.54	57.67	20.13	65.77	177.23	243	1051
1	140	139	14.16	14.21	14.16	19.25	0.42	139.58	140	10.53
										1

Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-14				PROBE TYPE	Westbay Sampler 0-500psi		-
		DATE:	0/4/21				SERIAL NO. EMS	250Z		-
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASING	3	1173.47		OPERATOR(S) L.Her	dersen		_
		WEATHER:	clear,	SUMMY			ATM. PRESSURE (Palm):	(start) 13.96 (finish) 13.98	_
	J	DTU-	A COL		76.41		Temp;	20.11%	19.97"	<u> </u>
		to Meas. 'alve (ft)		Y	eadings (psi)		Pressure Head Outside	Depth to Water Outside		l de la constante de
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(fl)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time
5	540	53%	164.55	146.19	104.55	20.91	305.05	234.95	540	Q 0916
4	456	454	127.98	110.02	127.98	21.04	221.61	234.39	456	CA 0918
3	382	361	95.70	77,97	95,70	20.85	147.67	234.33	382	0920
2	277	275	49.85	32.45	Ý9.85	20.47	42.66	234.34	277	0922
1	207	206	19,27	14.11	19.27	20.19	0.35	206.65	207	0924

Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-17				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	63/21	10/41	v		SERIAL NO. CM.	5 2502		-
		LOCATION:	JPL	/ ~ / /			PROJECT	JPL Pasadena		-
		ELEV. TOP O	F WASTBAY CASIN	G	1191.21		OPERATOR(S)	enderson		•
		WEATHER:	clear, C	Onny			ATM. PRESSURE (Palm):		(finish)	•
		T		1910.5	Z		Temp:			•
		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside	1	r
Port No.	From Log (Dp)	Valve (ft) From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port(ft)	True Port Depth (Dp) (ft)	Time
5	726									
4	582					1				<u></u>
3	468						-			
2	370									
1	250									
	PAR	1m	DUER		·····					
	11/1	KC (NOR							
	Ĵ€#	7-p	R PU	TNO	Park	ng Sisk	Sipon	6/3 -6/	4.	
	Neig	abars	cli d	NOT	MCQ	inizeel	car -	<u> </u>		
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Comments: Collar Detect is 6" above sample port

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		WELL ID:	MW-18				PROBE TYPE			
		DATE:	23/21				SERIAL NO. EMS	Westbay Sampler 0-500psi		-
		LOCATION:	JPL				PROJECT	JPL Pasadena		_
		ELEV. TOP OF	WASTBAY CASIN	3	1225.41		OPERATOR(S)	lenderson		
		WEATHER:	clear, S	UNNU			ATM. PRESSURE (Palm):		(inish) 13-96	-
		\mathcal{D}	<u>(U) - (</u>	295.1	8		Temp:	19.04%	18.17	-
		to Meas. alve (ft)		7	leadings (psi)	Y	Pressure Head Outside	Depth to Water Outside		,
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans, Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	684	1082	184.00	158,40	194.00	20.11	333.13	350.87	684	1928
4	564	562	131.82	112.18	132.82	20.47	226.50	337.50	564	09.30
3	424	422	70.84	62.59	70.84	19,99	112.10	311.90	424	0933
2	330	328	29.84	23.61	29,9,4	19.00	22.17	307.83	330	0936
1	270	268	14.10	14.12	14.10	18.44	0.28	269.72	270	0938
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Comments: Collar Detect is 6" above sample port

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

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WELL ID: MW-18 PROSE TYPE Westbay Samplar 0-500psi 2507 12 12 EMS DATE: SERIAL NO. 'n LOCATION: JPL PROJECT JPL Pasadena ELEV. TOP OF WASTBAY CASING 1142.94 OPERATOR(S) lenterson 14.07 Par, SUnnu ATM. PRESSURE (Patm): (start) /4.0/ WEATHER: (finish) Temp: 19.13% Pressure Readings (psi) Depth to Meas. Depth to Water Outside **Pressure Head Outside** Port Valve (ft) True Port Depth (Dp) psi kg/cm² mH'O Port No. Port (ft) Port (ft) Time Trans. Temp. Inside Casing Outside Casing (ft) Inside Casing From From P(ft)=(P2-Patm)*2.307 ft/psi) DTW = Dp-P(ft)(0C) P2 Log (Dp) Cable 10 5 498 Ω 2 232.36 3 265.64 498 9.9 4 444 UU 178.79 265.21 \mathcal{O} 444 3 392 39 161.93 230.07 392 7 n 50.80 2 314 31 2 19 84.87 7 229.13 314 57.44 57.44 240 11 41 qq 1 242 17.09 224.91 242

WESTBAY™ GROUNDWATER MONITORING WELL WATER LEVEL MEASUREMENT LOG SHEET

Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-20				PROBE TYPE	Westbay Sampler 0-500psi		-
			0/3/21				SERIAL NO. E.	45 2SOZ	<u></u>	_
	÷	LOCATION:	JPL				Anno 1997 - 19	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASING) 	1165.05		OPERATOR(S)	Henderson		_
		WEATHER:	Clear, S	Whay			ATM. PRESSURE (Palm):	111 - 1	finish) 14.02	~
	DZ	<i>ω</i> -	243.	78'			Temp:	20.92°C	17.58%	<u>(</u>
		to Meas. 'aive (ft)	ļ	·····	eadings (psi)	Γ	Pressure Head Outside	Depth to Water Outside		, 1
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(fl)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depih (Dp) (ft)	Time
5	900	897	300.49	293.21	300.48	21.62	644.11	255.89	900	0844
4	700	697	213.48	193.29	213.48	22.19	413.60	286.40	700	0848
3	562	561	153.47	140.81	153.47	21.70	292.53	269.47	562	0851
2	392	390	79.36	70.52	79.36	19.01	130.37	261.63	392	0856
1	230	229	14.13	14.12	14.13	17.99	0.25	229.75	230	0859

Comments: Collar Detect is 6" above sample port

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		WELL ID:	MW-21				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: 4	213/21				SERIAL NO. EN	15 2502	· · · · · · · · · · · · · · · · · · ·	-	
		LOCATION;	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1059.10		OPERATOR(S)	-			
		WEATHER:	clear 5	juinny			ATM. PRESSURE (Palm):	113 010	Tinish) 14.06	-	
	0	-UT	117.0	171			Temp:	26.2206	19.93	-	
		to Meas. /alve (ft)		1	eadings (psi)	.	Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time	
5	372	371	125.70	121.20	125.70	23.24	247.22	124.78	372	1231	
4	310	309	98.66	94.32	98.66	22.48	185.21	124.79	310	11.33	
3	240	240	68.53	64.50	68.53	21.74	116.41	123.59	240	1235	
2	161	161	34.07	30.39	34.07	20.48	37.72	123.28	161	1238	
1	90	89	14.10	14.11	14.10	20.11	0.16	89.84	90	1240	
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Comments: Collar Detect is 2' above sample port

, : Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

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		WELL ID:	MW-22				PROBE TYPE			
		DATE:	6/4/21				SERIAL NO. EX	45 ZSOZ		
		LOCATION:	JPL				PROJECT			
		ELEV. TOP OF	WASTBAY CASIN	3	1176.98		OPERATOR(S) L.H.	enderson		
		WEATHER:	clear, 5	Unny			ATM. PRESSURE (Patm):	(start) 14,00 ((finish) 14.02	-
		DTL	$\frac{1}{2}$	<u>28.86</u>) 		Temp:	21.45°C	20.7	10(
		to Meas. /alve (ft)		T	teadings (psi)		Pressure Head Outside	Depth to Water Outside		· · · · · · · · · · · · · · · · · · ·
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Palm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	588	586	171.58	154.67	71.58	21.88	324.53	263.47	588	0815
4	467	466	118.93	105,49	118,93	22.06	211.07	255.93	467	0818
3	389	387	84,97	77.08	84.97	21.90	145.53	243.47	389	1820
2	329	327	58,82	50.95	58.82	21.61	85.24	243.76	329	0822
1	245	243	21.69	14.72	21.69	21.71	1.66	243.34	245	0824
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Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-23				PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: C	2/3/21	····			SERIAL NO. EM.	S 2502		
		LOCATION:	JPL				PROJECT			
		ELEV. TOP OF	WASTBAY CASING	3	1108.84		OPERATOR(S) L-H	enderson		
		WEATHER:	Clear 13	SUMNY			ATM. PRESSURE (Palm):		(finish) 14.02	
		0	<u>tu -</u>	142.10)		Temp:	25.22°C	'finish) 14.02 20.69	٣/
		to Meas. 'alve (ft)		1	eadings (psi)	T	Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH ² O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft) DTW = Dp-P(ft)	True Port Depth (Dp) (ft)	Time
5	542	540	187.92	164.44	187.92	23.09	347.00	195.00	542	1320
4	445	444	145.88	122.57	145.88	22.70	250.40	194.60	445	1327
3	319	318	91.25	74.42	91.25	22.12	139.32	179.68	319	1324
2	254	253	63.04	46.32	63.04	21.62	74.49	179.51	254	1326
1	174	173	28.26	14.16	28.26	20.98	0.30 -	173.70	174	1328
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Comments: Collar Detect is 1' above sample port

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

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		WELL ID:	MW-24				PROBE TYPE			
		DATE:	2/4/21				SERIAL NO. GMS	2502		_
		LOCATION:	JPL				PROJECT	JPL Pasadena		-
		ELEV. TOP OF	WASTBAY CASIN	3	1200.94		OPERATOR(S) L.He	nderson		-
		WEATHER:	(lear, SVI	my			ATM. PRESSURE (Patm):	(start) 14.04 (finish) 14.01	
.	-	DTU	- 20	18.57	7		Тетр:	20.65%	22.84°L	-
		to Meas. 'alve (ft)		······	leadings (psi)	r	Pressure Head Outside	Depth to Water Outside		,
Port No.	From Log (Dp)	From Cable	p s i Inside Casing	kg/cm² Outside Casing P2	mH ³ O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth (Dp) (ft)	Time
5	678	676	200.56	175.28	200.56	22.18	371.98	306.02	678	1122
4	554	SSZ	146.81	128.26	146.81	22.24	263.51	290.49	554	1124
3	435	433	95.24	83.63	95.24	22.14	160.54	274.46	435	1126
2	373	311	68.35	57.57	68.35	22.13	100.42	272.58	373	1127
1	279	277	27.50	R.27	27.50	22.55	12.07	266.93	279	1130
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Comments: Collar Detect is 1' above sample port

WELL ID: MW-25 PROBE TYPE Westbay Sampler 0-500psi 7 21 DATE: EMS \cap 502 SERIAL NO. LOCATION: JPL PROJECT JPL Pasadena Henderson ELEV. TOP OF WASTBAY CASING 934.53 OPERATOR(S) PAr, SUhas 14.10 14.13 WEATHER: (finish) ATM. PRESSURE (Patm): (start) Temp: 20.66 2.574 Pressure Readings (psi) Depth to Meas. Pressure Head Outside Depth to Water Outside Port Valve (ff) True Port Depth (Dp) psi kg/cm² mH²O Port No. Trans. Temp. Port (fi) Port (ft) Time Inside Casing **Outside Casing** (ft) From From Inside Casing P(ft)=(P2-Patm)*2.307 ft/psi) DTW = Dp-P(ft) (oC) Log (Dp) P2 Cable 5 713 .07 465.30 247.70 713 2 633 101 22.10 386.84 4 246.16 633 3 503 21.70 258.34 244.66 503 0 21.37 2 423 178.45 244.55 423 356 21.11 48 1 358 113.04 244.96 358 \cap 3

WESTBAYTM GROUNDWATER MONITORING WELL WATER LEVEL MEASUREMENT LOG SHEET

Comments: Collar Detect is 2' below sample port

		WELL ID:	MW-26				PROBE TYPE	Weslbay Sampler 0-500psi		_
		DATE:	03/21				SERIAL NO. EM	5 250Z		_
		LOCATION:	JPL			#10-11-11-11-11-11-1	PROJECT	JPL Pasadena		_
		ELEV. TOP OF	WASTBAY CASING	3	1059.08		OPERATOR(S)	Henderson		_
		WEATHER:	C. PCAR,	Sunny			ATM. PRESSURE (Patm):	(start) 14.02 (finish) 14.05	-
	D	TU-	59.8	36 1			Temp:	24.02 %	finish) <i>14.05</i> 21.38°C	
		io Meas. alve (fl)		p	eadings (psi)	T	Pressure Head Outside	Depth to Water Oulside		
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm² Outside Casing P2	mH²O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=[P2-Patm]*2.307 ft/psi)	Port (ff)	True Port Depth (Dp) (ft)	Tíme
2	215	212	81,27	45.05	81.27	22,53	71.59	143.41	215	1136
1	135	132	46.39	14.15	46.39	21.73	0.30	134.70	135	1138
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Comments: Collar Detect is 2' below sample port