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<sup>™</sup> multiport wells (MW-3, MW-4, MW-11, MW-12, MW-14, and MW-17 through MW-26) obtained during the third quarter 2017. Water level measurements were recorded before the sampling event on July 21, 2017 for the relatively shallow standpipe monitoring wells and for the Westbay<sup>™</sup> multiport wells. Water level measurements were recorded after the sampling event on August 4, 2017 for the relatively shallow standpipe monitoring wells and the Westbay<sup>™</sup> multiport wells. Water levels for the shallow wells were measured using a Solinst<sup>™</sup> water level meter. In the deep multiport wells, the hydraulic head at each sampling port was measured with a Westbay<sup>™</sup> MOSDAX sampling probe. Water level measurements were conducted by Blaine Tech Services, Inc.

Note: MW-4, MW-17, and MW-22 were not accessible during the collection of pre-sampling groundwater elevations. Therefore, the groundwater elevations collected prior to sampling on July 31 for MW-4, July 26 for MW-17, and July 27 for MW-22 will be used for groundwater elevation contouring.

WELL GAUGING DATA

Project # 170721-1414/ Date 07/21/17 Client Bothibroup Site JPL, Pasadena, CA

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 or TOC
MW-1	6	0843	•.				29.95	Deep	$\square$
MW-5	4	1303					99,83	Dec/ pump	
MW-6	4	1116	-	1 5 5 5 7 7		6 8 9 9 9 9	215,34	peg	
MW-7	4	1346			6 6 7 8 1 1		238.51	267.60	
MW-8	4	1312			9 4 5 5 8 8 8	2 2 2 2	164171	pump	
MW-9	4	0840					22,60	pump	
MW-10	4	1125				1 1 1 1 1	116,55	pap	
MW-13	4	1158				3 5 1 3 3 4		234,92	
MW-15	4	1229				r 1 1 1 1	34,65 260,53	pemp	
MW-16	4	1343			• • • •		260,53	284177	
	1 1 1 1 1 1				i i i i i	1 1 1 1 1	1 1 1 1 1		
1 1 1 1 1	1 1 1 1 1								
: : : : :	4 3 3 4 4 4 5							1 · · · · · · · · · · · · · · · · · · ·	
						5 5		1 1 1 1 1 1	
1 1 1 1 1 1 1 1 1 1	- - - - - - - - - - - - - - - - - - -		1 5 5 7 7 7	1 1 2 5 5 8 8		: : : : :		- - - - - - - - - - - - - - - - - - -	
					- 4 1 1 1 1				
4 4 5 1 1							5 5 5 6 6 7		

		WELL ID:	MW-3	·			PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: 0	7/21/17	,			SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		_	
		ELEV. TOP OF	WASTBAY CASING	3	1100.34		OPERATOR(S) T- HO	aris		_	
			Clear				ATM. PRESSURE (Patm):		finish) 14,10	_	
	<b>*</b> *	DTU	1 - 17	7,14			Temp:	21.520	20.43°C		
		to Meas. alve (ft)			eadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	650	221.61	835.13	221,61	21.96	509.92	143.08	653	8855	
4	558	555	180.37	194,35		22.45	415.84	142.16	558	0857	
3	346	344	88.16	102.71	88.16	21,99	204.42	141.58	346	6859	
2	252	250	47,28	62.66		21.14	112.03	139.97	252	6901	
1	172	170	14:23	31,42	14,23	20.00	39.96	132.04	172	0903	•
			•	•		-				•	
											7.
									•		
								19-1-1			
										4999 - 1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	

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-4	****			PROBE TYPE	Westbay Sampler 0-500psi		_	
		DATE: 07	<u>7 1 17</u>				SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1082.84	2	OPERATOR(S)	tons		-	
		WEATHER:	llen				ATM. PRESSURE (Patm):		finish) 14,13	-	
-		PTW-	(1en - 15/.8	6'			Temp:		Q0.43°C	-	
		to Meas. alve (ft)			eadings (psi)	1	Pressure Head Outside	Depth to Water Outside			(
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth ( Dp ) ( ft )	Time	1999 F
5	513	510	172,02	184,26	172,02	21.40	392.49	120.51	513	0701	
4	392	390	119,26		119,26	a1.75	271.63	120.37	392	0703	
3	322					21.41	201.54	120.46	322	0706	-
2	240		- 161		52,88	20,85	119.69	120.31	240	0708	
1	150	148	14,23	30,51	14,23	18.92	37.79	112-24	150	0710	
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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-11				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: O	1/21/17	7	·····		SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1139.3		OPERATOR(S) T. H	bang		-	
		WEATHER:					ATM. PRESSURE (Patm):	(start) 74,07 (	finish) 14,10	-	
		DTW	- 169.4	-			Temp:	26,67°C	19,31°C	-	
		to Meas. alve (ft)			eadings (psi)	F	Pressure Head Outside	Depth to Water Outside			(
Port No.	From Log (Dp)	From Cable	From Inside Casing Outside Casing P2 Inside Casing P2				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	217.17	205,02	217.17	23.57	440.45	198.55	639	1211	
4	524	52	167,84	169,06	167.84	22,64	357.49	166.51	524	1213	
3	429	426	26.76	125,84	126.76	21,68	257.78	171.22	429	1215	
2	259	256	53,19	55,3	53,19	20.25	95.07	163.93	259	1217	
1	149	147	14.16	26.17	14.16	19,10	27.85	121.15	149	1219	
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-12				PROBE TYPE	Westbay Sampler 0-500psi		_	
		DATE: C	7/21/1	7			SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		_	
		ELEV. TOP OF	WASTBAY CASING	<u> </u>	1102.14		OPERATOR(S)	bang		_	
		WEATHER:	<u>(lear</u> -134,6				ATM. PRESSURE (Patm):	(start) 74.// (	finish) 14,13	_	
		DTG	-134,6	26	2 · · · · · · · · · · · · · · · · · · ·		Temp:	27,510	24,31°C		
		to Meas. alve (ft)		F	eadings (psi)		Pressure Head Outside	Depth to Water Outside			()
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	547	194,75	182.68	194,75	23,77	388.84	159.16	548	1243	
4	436	434	145,91	141183	145,91	22,92	294.60	141.40	436	1245	
3	323	321	96,84	94,06	96,84	21.66	184.40	138.60	323	1247	
2	243	241	62.01	60,29	62,01	20,49	106.49	136.51	243	1249	
1	140	140	17,98	22,45	17,98	19.11	19.19	120.81	140	1255	
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Comments: Collar Detect is 6" above sample port

	WELL ID:	MW-14				PROBE TYPE	Westbay Sampler 0-500psi			
	DATE: G	7/2/11	7			SERIAL NO. EMS	2502			
	LOCATION:	JPL				PROJECT	JPL Pasadena		_	
	40-00-00-00-00-00-00-00-00-00-00-00-00-0		······	1173.47		OPERATOR(S) THE	tang		_	
	WEATHER: (	Sear-				ATM. PRESSURE (Patm):		finish) 14,10	_	
	ptu.	-192.56	6			Temp:	25,37%	21,54'C		
			· · · · · · · · · · · · · · · · · · ·		T		· ·			
From Log (Dp)	From Inside Casing Outside Casing P2 Inside Casing P2 539 166.65 161.16 166.05 221					Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port ( ft ) DTW = Dp-P(ft)	True Port Depth ( Dp ) ( ft )	Time	
540	539	166.85	16/116	166,05	22,36	339.27	200.73	540	1101	
456	455	129,52	R4196	129,52	21,89		200.25	456	1103	
382	380	97,36	92,92			181.84	200.16	382	1105	٦
277	276	51,47	47,54	51,47	20,85	77.15	199.85	277	1106	1
207	205	21.00	17,48	21,00	20.17	7.80	199.20	207	1108	
								`		7-
								······································		Y
								4		1
										1
	Port V From Log (Dp) 540 456 382 277	DATE:         Cr           LOCATION:         ELEV. TOP OF           WEATHER:         ()           Depth to Meas.         POT WIVE (ft)           From         From           Log (Dp)         Cable           540         5.39           456         4.55           382         3820           277         2.76	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Comments: Collar Detect is 6" above sample port

	WELL ID:	MW-17				PROBE TYPE	Westbay Sampler 0-500psi		_	
	DATE: 07	126/17				SERIAL NO. EMS	2502		-	
	LOCATION:	JPL				PROJECT	JPL Pasadena		-	
	ELEV. TOP OF	WASTBAY CASING	;	1191.21		OPERATOR(S) THE	an		-	
	WEATHER:	Clear				ATM. PRESSURE (Patm):	(start) 14,09 (		-	
	PTW	- 208,	15			Temp:	14.09 22,50°C	215.0B	· · · · · · · · · · · · · · · · · · ·	
						1 1	-			-
From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft)	Port ( ft ) DTW = Dp-P(ft)	(ft)	Time	_
726	724	239.47	219,36	239,47	19.52	473.51	252.49	726	0768	
582	580	177A1				326.07	255.93	582	07/0	
468	467	127,67	112,42	127,67	18,62	2.26.80	241.20	468	0712	
370	369	85,08				135.24	234.76	370	0714	
250	249	32,84	25,56	32,84	16.27	26.42	223.58	250	0716	
							1 M/ 10/1910/19/			
										· /
	Port V. From Log (Dp) 726 582 468 370	DATE:         67/ LOCATION:           ELEV. TOP OF           WEATHER:           DT W           Depth to Meas.           Port Valve (ft)           From         From           Cable           726         724           582         580           468         4467           370         369	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Comments: Collar Detect is 6" above sample port

2502		_	
JPL Pasadena		_	
Dang		_	
): (start) 14,06	(finish) 14,08	_	
21,41°C	20,42%	_	
Depth to Water Outside			$\overline{()}$
Port (ft )	True Port Depth ( Dp ) (ft )	Time	
287.36	684	0815	
283.26	564	0817	
269.92	424	0819	
266.35	330	1	
265.69	270	0822	
			$\neg$
-			
		bi Vand <sup>a V</sup>	
	JPL Pasadena DAMS (start) 14,06 ZII 41'C Depth to Water Outside Port (ft) DTW = Dp-P(ft) 287.36 283.26 269.92 266.35	JPL Pasadena         OAMA         OAMA $(14,06)$ (finish) 14,08 </td <td>JPL Pasadena         OAMA         <math>OAMA</math> <math>O: (start)</math> <math>I4,06</math>       (finish)       <math>I4,08</math> <math>O: ZII 4I'C       <math>AO_s 42^{\circ}C</math> <math>Oama       <math>Oama</math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></math></td>	JPL Pasadena         OAMA $OAMA$ $O: (start)$ $I4,06$ (finish) $I4,08$ $O: ZII 4I'C       AO_s 42^{\circ}C Oama       Oama$

Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-19				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: 07	7/21/17	7			SERIAL NO. EMS	7502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1142.94		OPERATOR(S) T. He	ang		-	
		WEATHER:	Clean				ATM. PRESSURE (Patm):		finish) 14,12	-	
			- 138,0	15			Tana	24184°C	22,31°C	••	
		o Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	498	495	170.31	144.54	170:31	22,13	300.88	197,12	498	0925	
4	444	442	147.72	121122	147.72	21,12	247.08	196.92	५५५	0928	
3	392	389	124,35	103,36	124,35	20,70	205.88	186.12	392	0930	
2	314	311	90,34	69.59	90.34	20.23	127.97	186.03	314	0931	
1	242	239	59,24	39,60	59,24	19.62	58.78	183.22	242	0932	
			•		•						
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-20					Westbay Sampler 0-500psi	ABL/90088/11/07-14/11	_	
		DATE: 07	<u> 21117</u>				SERIAL NO. EMS.	1700 2502	) 	_	
		LOCATION:	JPL		****			JPL Pasadena		_	
		ELEV. TOP OF	WASTBAY CASING	3	1165.05		OPERATOR(S) 7, 1+C	rang	·	_	
		WEATHER: (	Jen			·····	ATM. PRESSURE (Patm):	(start) 14105 (	finish) 14,03	_	
		PTU-	-24/115				Temp: ,	20.91%	17,970		
		to Meas.		Pressure R	eadings (psi)	· · · · · · · · · · · · · · · · · · ·	Pressure Head Outside	Depth to Water Outside			$\overline{()}$
Port No.	Port V From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	900	895	301,63	310.57	30/163	20.43	684.12	215.88	900	0736	
4	700	696		A18,50	214,32	21161	471.71	228.29	700	0738	
3	562	558	154.71	154.71	154.71	21,18	324.55	237.45	562	0740	
2	392	289	80.88	Ab119	80,98	80.03	166.47	225.53	392	0742	
1	230	227	14,19	15,RI	14,19	18,12	2.72	227.28	230	0774	

Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-21 41				PROBE TYPE	Westbay Sampler 0-500psi	· · · · · · · · · · · · · · · · · · ·	-	
		DATE: 07	/117./1	7 07/0	<u>21/17</u>		SERIAL NO. EMS	2502	<u></u>	-	
		LOCATION:	JPL	/			PROJECT	JPL Pasadena	A	-	
	1.46	ELEV. TOP OF	WASTBAY CASING	; 	1059.10	<u> </u>	OPERATOR(S) T. H.	sang		-	
		WEATHER: (	lear				ATM. PRESSURE (Patm):	(start) 14,10 (	finish) 14113	-	
		PTW	1-117.1	3			Temp:	25.11°C	24,300		
		to Meas. alve (ft)	psi	Pressure R kg/cm <sup>2</sup>	eadings (psi) mH <sup>2</sup> O		Pressure Head Outside	Depth to Water Outside	True Port Depth ( Dp )	Time	$\langle \zeta \rangle$
Port No.	From Log (Dp)	From Cable	Inside Casing	Outside Casing P2	Inside Casing	Trans. Temp. (oC)	Port ( ft ) P(ft)=(P2-Patm)*2.307 ft/psi)	Port ( ft ) DTW = Dp-P(ft)	(ft)	I IIIG	
5	372	370	125.87	137,12	125,87	24,57	283.74	88.26	372	1031	
4	310	308	98,90		98,90	22.84	221.82	88.18	310	1033	
3	240	239	68.88	110,28 AM	68,88	19,88	153.14	- 56.86 86.86	240	1035	
2	161	160	34,39	46.46	34,39	20.96	74.59	86.41	161	1037	
1	90	88	14.20	15,71	14,20	19,61	3.65	86.35	90	1039	
	:		-								

Comments: Collar Detect is 2' above sample port

		WELL ID:	MW-22				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: $\delta_{\ell}$	7/27/17	7			SERIAL NO. EMS	2502		-	
		LOCATION:	, JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1176.98		OPERATOR(S) T. H	Dary		-	
		WEATHER:	ileon				ATM. PRESSURE (Patm):		finish) 14,08	-	
			<u>-12 17</u>	2.65			7	23,04'C	80.91°C	-	
		to meas.	<i>HH</i>	Pressure R	Readings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	/alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	588	586	195,10	175.30	195,10	21.86	371,93	216.07	588	0654	
4	467	466	M2,74		142,74		254.69	212.31	467	1656	
3	389	388	168,86	93, 16	108.86	Q1.70	182.44	206.56	389	0658	
2	329	328	82,83	67.13	82,83	21,09	122.39	206.61	329	0700	
1	245	244	45,89	31,48	45,89	20,50	40.14	204.86	245	0702	
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			LI							<u> </u>	J

Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-23				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: 0	7/21/17				SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1108.84		OPERATOR(S) T. HC	an		-	
		WEATHER: (	Jear				ATM. PRESSURE (Patm):	(start) 14,00 (	finish) 14,13	-	
		DTW	-125.92	-			Temp: .	74,97°C	23,05.0		
		to Meas.		Pressure R	leadings (psi)	· · · · · · · · · · · · · · · · · · ·	Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	/alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	542	540	194180	185,09	194,80	23.19	394.40	147.60	542	1137	
4	445	443	152.72	193,17	152.72	22,81	297.70	147.30	445	1139	
3	319	317	98,24	91,51	98.24	22,19	178.52	140.48	319	1141	
2	254	252	70,09	63,52	70.09	21,66	113.94	140.06	254	1143	
1	174	172	35.27	30.31	35,27	20.99	37.33	136.67	174	1145	
			<b>1</b>								

Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-24				PROBE TYPE Westbay Sampler 0-500psi			_	
			<u>7/21/17</u>	•			SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		_	
		ELEV. TOP OF	WASTBAY CASING	6	1200.94		OPERATOR(S) To A	bang		_	
		WEATHER:	Clear	~			ATM. PRESSURE (Patm):		finish) 14105	_	
		PTW	-210.0				Temp:	27.56°C	23,43'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 <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth(Dp) (ft)	Time	A put
5	678	676	21697	200,28	216,97	25,10	429.63	248.37	678	1324	
4	554	552	164,41	149,51	184.41	23.7R	312.51	241.49	554	1327	
3	435	432	111,82	101,08	111.82	a3,10	200.78	234.22	435	1329	
2	373	371	84,93	74,77	84,93	22,70	140.08	232.92	373	1331	
1	279	87Ġ	4416	36.57	4.4.16	22.62	51.95	227.05	279	1-333	
			/								
						•				-	

Comments: Collar Detect is 1' above sample port

	WELL ID:	MW-25				PROBE TYPE	Westbay Sampler 0-500psi		-	
	DATE: 67	/21/17				SERIAL NO. EMS	2502		_	
	LOCATION:	JPL				PROJECT	JPL Pasadena		_	
		WASTBAY CASING		934.53		OPERATOR(S)	larg		-	
	WEATHER: (	<u>Cl.ecs</u> - 243,98				ATM. PRESSURE (Patm):	(start) 14116 (	(finish) 14,19	_	
	PTW-	-243.98	5			Temp:	21153°C	20-3/°C		
	to Meas.			eadings (psi)	·····	Pressure Head Outside	Depth to Water Outside			()
From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port ( ft )	True Port Depth ( Dp ) ( ft )	Time	
713	7/1	218,19	201.03	218,19	21,40	444.88	268.12	713	0658	
633	631	183,77	171,67	183,77	21,65	363.31	269.69	633	0700	
503	500	127,42	119,16	127,42	2113Z	242.17	260.83	503	0703	
423	421	92,61		92.61	20.93	171.80	251.20	423	8705	
358	356	64,53	62.45	64,53	20.40	111.34	246.66	358	0707	
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				1						

Comments: Collar Detect is 2' below sample port

Port No.

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3 2

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		WELL ID:	MW-26				PROBE TYPE	Westbay Sampler 0-500psi		_	
		DATE: 07	7/2//1	7			SERIAL NO. EMS	2502			
		LOCATION:	, JPL				PROJECT	JPL Pasadena			
		ELEV. TOP OF	WASTBAY CASING	3	1059.08		OPERATOR(S) T. H	Tang		_	
		WEATHER:	Geor				ATM. PRESSURE (Patm):	(start) 14,13 (	finish) 14,15	_	
		DTW-	-66.01				Temp:	24.65°C	22,31°C		
		to Meas.		Pressure R	leadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	Valve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft )	True Port Depth ( Dp ) ( ft )	Time	
2	215	211	78.50	60.65	78.50	23,09	107.28	107.72	215	0946	
1	135	131	43,70	25,48	43.70	21.30	26.14	108.86	135	0972	
										-	
								· · · · · · · · · · · · · · · · · · ·			

Comments: Collar Detect is 2' below sample port

# WELL GAUGING DATA

Project # 170721-HH/ Date OF/04/17 Client Bachi Site JPL, Paralung, CA

Well ID	Well Size	Time	Sheen / Odor	Depth to Immiscible	Thickness of Immiscible	Volume of Immiscibles Removed (ml)	Depth to water		
MW-1	(in.) Ч	Gauged	Ouoi	Liquid (ft.)	Liquid (ft.)	Kemoved (mi)	(ft.) 31,41	(ft.) Ded RF2	ortoc
MW-5	4	1245					102,56	Del	
MW-6	4	1105					217.24	Del DF2	
MW-7	4	1457					240.52		\$
MW-8	4	1200		6 1 1 1 1 1		6 1 1 2 2 2	167.63	Deg RF2	
MW-9	4	0852		1 1 5 5 5			23.11	RF-2	
MW-10	4	1143					119.03	Dej RFZ	
MW-13	4	1155			0 3 5 1 1 1	1 5 1 7 7	212,75		
MW-15	4	1207			r 1 1 1 1		35,90	Ded RFZ	
MW-16	4	1450			1 · · 1 1 1 1 1 1 7		263.09	284,71	$\vee$
				1 1 1 1 1 1 1	5 5 5 6 6 				
					1 1 1 1 1				
	0 5 5 0 0 0		4 1 2 5 5 6				5 1 1 5 5 6		
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		t U U U U	8 3 1 1 1 8	0 0 1 1 0 0 7	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1		

		WELL ID:	MW-3		2017 (B) 10.000 ()		PROBE TYPE	Westbay Sampler 0-500psi		
		DATE: 0	8/04/17	1			SERIAL NO. EMS	2502		_
		LOCATION:	JPL				PROJECT	JPL Pasadena		_
		ELEV. TOP OF	WASTBAY CASING	<u>.</u>	1100.34		OPERATOR(S)	Oarg		_
		WEATHER:	Jean				ATM. PRESSURE (Patm):	(start) 14,11 (	finish) j4,14	_
		ptu-	- 175.4	4'			Temp:	21,86'C	8R108'C	-
		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside		
Port No.	From Log (Dp)			kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	653	650	222,32	233.96	222,32	84.46	507.12	145.88	653	0905
4	558	555	181,08	193,43		24,07	413.62	144.38	558	0907
3	346	344	SF. 89	101,71	88,89	22,92	202.02	143.98	346	0909
2	252	850	48.01	61.63	45.01	22,19	109.56	142.44	252	89/1
1	172	170	14,24	30.16		20.72	36.96	135.04	172	0913
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Comments: Collar Detect is 2' above sample port

	WELL ID:	MW-4				PROBE TYPE Westbay Sampler 0-500psi			_	
	DATE: 08	<u>- 104/1</u>	7			SERIAL NO. EMS	2502		_	
	LOCATION:	JPL				PROJECT	JPL Pasadena			
	ELEV. TOP OF	WASTBAY CASING	}	1082.84		OPERATOR(S) T. He	oung		_	
	WEATHER:	Cler	-			ATM. PRESSURE (Patm):	(start) 14,06 (	finish) 14,09	-	
	DTW	-151.82	<i>₹′</i>			Temp:	30,08'C	20,09°C	-	
				Y	···	Pressure Head Outside	Denth to Water Outside			
From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft)	Port (ft )	True Port Depth ( Dp ) ( ft )	Time	
513	50	171.67	183.80	171.67	26.11	391.52	121.48	513	1222	
392	396	119,04	131.39	119.04	24.37	270.61	121.39	392	1225	
322	320	8855	101.06	88.55	23.45	200.64	121.36	322	1228	
240	238	52.79	65,6	52,79	22,30	118.86	121.14	24D	1230	
150	148	14,20	30,08	14.20	21.19	36.89	113.11	150	1232	
							• •			
	Depth t Port Va From Log (Dp) 513 392 322 240	DATE: 08 LOCATION: ELEV. TOP OF WEATHER: DTW Depth to Meas. Port Valve (ft) From From Cable 513 50 392 396 322 320 240 238	DATE:         OS         O 4/1           LOCATION:         JPL           ELEV. TOP OF WASTBAY CASING           WEATHER:         C/eer           DTW-151.82           Depth to Meas.           Port Valve (ft)           From           Log (Dp)           513           5/0           392           392           322           320           240           238	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Comments: Collar Detect is 2' above sample port

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

		WELL ID:	MW-11				PROBE TYPE		_		
		DATE: 0	8/04/	(7			SERIAL NO. EMS	250Z			
		LOCATION:	JPL	,			PROJECT	JPL Pasadena			
			WASTBAY CASING		1139.3		OPERATOR(S) TI	loans			
		WEATHER:	Clear				ATM. PRESSURE (Patm):		finish) 14112		
	1	)TW-1	Clear 71.03'				Temp:	24.78°C	22.35°C		
		to Meas.		Pressure R	teadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	Valve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	and a second secon
5	639	637	216,54	204,03	216,54	22.96	438.12	2.00.88	639	1336	
4	524	52	167.05	168.24	167.05	22,53	355.55	168.45	524	1338	
3	429	427	126.09	124,94	126,09	21,84	255.66	173.34	429	1340	
2	259	257	52.50	54.32	52.50	20.06	92.74	166.26	259	1342	
1	149 ,	147	14,18	25,67	14,18	19,01	26.65	122.35	149	1344	
		1								•	
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-12				PROBE TYPE	Westbay Sampler 0-500psi		_	
		DATE: O	\$/04/1	7			SERIAL NO. EMS	2502		-	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1102.14		OPERATOR(S)	loang		-	
		WEATHER:	Clear				ATM. PRESSURE (Patm):		(finish) 14,13	-	
			-134,6	G				26, 12°C	24.01	-	
		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft )	True Port Depth(Dp) (ft)	Time	Prover 1
5	548	547	194.74	181.67	194.74	23,54	386.51	161.49	548	1259	
4	436	434	146,09	140,90	146.09	82.92	292.46	143.54	436	1301	
3	323	32	96,89	92.99	96,89	21.63	181.93	141.07	323	1303	
2	243	243	62,89	59.09	62,89"	19,80	103.72	139.28	243	1305	
1	140	139	62,06	19,79	62.06	18.96	13.06	126.94	140	1307	
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			and a second s			14					

Collar Detect is 6" above sample port Comments:

			MW-14,				PROBE TYPE	Westbay Sampler 0-500psi	· · · · · · · · · · · · · · · · · · ·	_	
			8/04/	17			SERIAL NO. EMS	2502			
		LOCATION:	JPL				PROJECT	JPL Pasadena			
		ELEV. TOP OF	WASTBAY CASING		1173.47		OPERATOR(S) TA P	toons	··		
		WEATHER:	Clear	ι.			ATM. PRESSURE (Patm):	(start) 14,08 (	finish) /4,11		
	HH	- PTU		S PTI	N-192	,87'	Temp:	25,14°C	23,830		
	Depth t				eadings (psi)	r <sup>11</sup>	Pressure Head Outside	Depth to Water Outside			7
Port No.	From Log (Dp)	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth(Dp) (ft)	Time	<u></u>
5	540	539 165.80 160			165,80	24,28	337.33	202-67	540	1049	
4	456	454	129,23	124,13	129,23	23.77	253.82	202.18	456	1051	
3	382	380	97,06	92.11	97.06	22.31	179.95	202.05	382	1053	
2	277	276	52:346	* 46.68	52.20	20,68	75.14	201.86	277	1055	
1	207	205	20,92	6.63	20,92	20.26		201.19	207	1057	
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									4.1		
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-17				PROBE TYPE	Westbay Sampler 0-500psi			
		DATE: 0	8/04/1	7			SERIAL NO. EMS	52502		-	
		LOCATION:	JPL				PROJECT	JPL Pasadena		-	
		ELEV. TOP OF	WASTBAY CASING	3	1191.21		OPERATOR(S) Te 17	toans		-	
		WEATHER:	Cler				ATM. PRESSURE (Patm):	(start) 14,09 (	finish) ) 4, 10	-	
		PTU	<u>Cler</u> 1-208,	181			Temp:	20.37°C	20.45%	-	
		to Meas. alve (ft)		1	eadings (psi)	r	, Pressure Head Outside	Depth to Water Outside			(
Port No.	From Log (Dp)	From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port ( ft ) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft )	True Port Depth ( Dp ) ( ft )	Time	Ì
5	726	725	239.20	218.51	239,20	20.29	471.57	254.43	726	0740	
4	582	580	177.11	154,77	177.11	20,27	324.53	257.47	582	0743	
3	468	466	127,44	111.90	127,44	19,53	225.62	242.38	468	0745	
2	370	368	85,07	72,14	85.07	18,51	133.90	236.10	370	0749	
1	250	248	32.81	24,83	32,81	17,61	24.75	225.25	250	0751	
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-18				PROBE TYPE		_			
		DATE:	3/04/1	17			SERIAL NO. EMS	2502		_		
		LOCATION:	JPL				PROJECT	JPL Pasadena ,		_		
		ELEV. TOP OF	WASTBAY CASING	)	1225.41		OPERATOR(S) T. /-	loans				
		WEATHER:	Clear				ATM. PRESSURE (Patm):	(start) 14,07 (	finish) 14,09	_		
		PTW	-294,	33'	~		Temp:	20: 43. 6	20.51°C			
		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside			7	÷.
Port No.	Port Va From Log (Dp)	682 184,16		kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	684	cable 682 184,16 561 132,00			184,16	21,31	394.77	289.23	684	0804		
4	564			135.04	132,00	21,35	279.03	284.97	564	0806		
3	424	421	71,20	79,99	71,20	20,75	152.03	271.97	424	1809		
2	330	327	421 71,20 79,99			19.06	55.90	274.10	33 D	08/1		
1	270	267	14.22	15,25	Hizz	18.42	2.68	267.32	270	0813		
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Comments: Collar Detect is 6" above sample port

		WELL ID:	MW-19			*****	PROBE TYPE	Westbay Sampler 0-500psi		
		DATE:	8/4/17		·		SERIAL NO. EMI2S	502		
		LOCATION:	JPL				PROJECT	JPL Pasadena	•	
		ELEV. TOP OF	WASTBAY CASING	3	1142.94	-	OPERATOR(S) T. H	_		
		WEATHER:	clear				ATM. PRESSURE (Patm):	finish) 14.15		
		DTV	- 138.20'				Temp:	28-19.2	24.11°C	-
		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside		· ·
Port No.	From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	498	495	170.30	143.60	170.30	24.02	298.64	199.36	498	0955
4	444	442.	146.72	120.29	146.72	22.89	244.86	199,14	Ццц	2957
3	392	390	124.18	102.55	124.18	22.06	203.94	188.06	392	0959
2	314	312	90.44	91.75	90.44	20.81	179.02	134.98	314	1001
1	242	240	60.16	68.82	60.16	20.25	126.12	115.88	242	1003
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Comments: Collar Detect is 6" above sample port

	WELL ID:	MW-20				PROBE TYPE	Westbay Sampler 0-500psi		_	
		8/04/17	7			SERIAL NO. EMS	2702		-	
	LOCATION:	JPL				PROJECT	JPL Pasadena		-	
	ELEV. TOP OF	WASTBAY CASING	}	1165.05		OPERATOR(S)	-			
	WEATHER:	lein				ATM. PRESSURE (Patm):		finish) 14,13	_	
						Temp:	20.510	20.312		
	o Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside			
From Log (Dp)	alve (ft) From Cable	psi Inside Casing # 301,62	kg/cm <sup>2</sup> Outside Casing P2	mH²O Inside Casing 30/ 162	Trans. Temp. (oC) 升十	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft)	True Port Depth(Dp) (ft)	Time	
900	895	302,63	310.08	302.63	22.61	682.76	217,24	900	0710	
700	691	214,85	217.44	214,85	2220	469.04	230.96	700	07/3	
562	558	154.94	154.53	154,94	21176	323.90	238.10	562	0715	
392	388	81,03	85,95	81,03	20:34	165.69	226.31	392	0717	
230	927	14,21	19.90	14,21	18.90	1.78	228.22	230	0718	
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Comments: Collar Detect is 6" above sample port

Port No.

		WELL ID:	MW-21				PROBE TYPE		-		
		DATE:	104/17	>			SERIAL NO. EVM.	52562		_	
		LOCATION:	JPL				PROJECT		**		
		ELEV. TOP OF	WASTBAY CASING	6	1059.10		OPERATOR(S) T. 1-1		_		
		WEATHER: (	Terr		,		ATM. PRESSURE (Patm):	finish) 14114	_		
		PTU	116,	18			Temp:	26, N'C	ZZ. 59'C		
		to Meas.			eadings (psi)		Pressure Head Outside	Depth to Water Outside			6
Port No.	From Log (Dp)	alve (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	370	126,51	13629	126,51	23,85	281.80	90.20	372	102/	
4	310	308	99,54	109,43	99,54	82.97	219.83	90.17	310	1023	
3	240	239	69,17	79,64	69,17	22,16	151.11	88.89	240	1025	
2	161	159	34,85	45.59	34,85	21,31	72.56	88.44	161	1027	
1	90	89	14.21	15.89	14.21	20.73	4-04	85.96	90	1029	
								Alex - 4			
		L					L			A	

Comments: Collar Detect is 2' above sample port

	WELL ID:	MW-22				PROBE TYPE				
	DATE: OF	-/04/17	,			SERIAL NO. EM5	2502			
	LOCATION:	/ / JPL				PROJECT				
	ELEV. TOP OF	WASTBAY CASING	3	1176.98		OPERATOR(S) T. A				
	WEATHER:	Clean				ATM. PRESSURE (Patm):	(start) 74,07 (	finish) / 4, 10		
	PTU	J-173."	731			Temp:	27,83'C	20.55'C	101 TO	
			-	1		Pressure Head Outside	Depth to Water Outside			(
Port Valve (ft) From From Log (Dp) Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp.	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port ( ft ) DTW = Dp-P(ft)	(ft)	Time	Non 2	
588	586	194.42	174.63	194,42	24,63	370.34	217.66	588	1429	
467	468	142,87	123,85	142,87	23,99	253.19	213.81	467	1431	
389	387	69,24	92,59	108.24	22,40	181.08	207.92	389	1433	
329	327	82,30	66.59	82,30	21.99	121.09	207.91	329	1436	
245	243	45,36	30,91	45.36	R1152	38.78	206.22	245	1438	
			•							
	Port V From Log (Dp) 588 467 389 329	DATE: CS LOCATION: ELEV. TOP OF WEATHER: DTU Depth to Meas. Port Valve (ft) From From Log (Dp) Cable 588 586 467 468 389 387 329 387	$\begin{array}{c c} \hline DATE: & OSO(9/17) \\ \hline LOCATION: & JPL \\ \hline ELEV. TOP OF WASTBAY CASING \\ \hline WEATHER: & C/common \\ \hline Depth to Meas. \\ \hline PTW-173, \\ \hline \hline Depth to Meas. \\ \hline Port Valve (ft) \\ \hline From \\ Log (Dp) \\ \hline Cable \\ \hline 588 \\ \hline 586 \\ \hline 586 \\ \hline 94,42 \\ \hline 467 \\ \hline 468 \\ \hline 142,87 \\ \hline 389 \\ \hline 387 \\ \hline 937 \\ \hline 9327 \\ \hline 82,30 \\ \hline \end{array}$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccc} Date: 0.5/0.4/17 \\ LOCATION: JPL \\ \hline LOCATION: JPL \\ \hline LOCATION: JPL \\ \hline LOCATION: JPL \\ \hline Let V. TOP OF WASTBAY CASING 1176.98 \\ \hline WEATHER: Clear \\ \hline DTW-173,731 \\ \hline Temp: \\ \hline Depth to Meas. \\ \hline Pressure Readings (psi) \\ \hline Port Valve (ft) \\ \hline Port Valve (ft) \\ \hline From \\ Log (Dp) \\ \hline Cable \\ \hline S88 \\ 586 \\ 194,42 \\ 174,63 \\ 194,42 \\ 174,63 \\ 194,42 \\ 241,63 \\ 370.34 \\ \hline ent equal (163) \\ \hline S88 \\ 586 \\ 194,42 \\ 174,63 \\ 194,42 \\ 241,63 \\ 370.34 \\ \hline ent equal (163) \\ \hline S88 \\ 586 \\ 194,42 \\ 174,63 \\ 194,42 \\ 241,63 \\ 370.34 \\ \hline ent equal (163) \\ \hline S88 \\ 586 \\ 194,42 \\ 174,63 \\ 194,42 \\ 241,63 \\ 370.34 \\ \hline ent equal (163) \\ \hline ent equ$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Comments: Collar Detect is 1' above sample port

		WELL ID:	MW-23				PROBE TYPE Westbay Sampler 0-500psi				
			×/04/17	7			SERIAL NO. EMS 2	1502			
		LOCATION:	JPL				PROJECT				
			WASTBAY CASING		1108.84		OPERATOR(S) Tr Ha				
		WEATHER: (	leer				ATM. PRESSURE (Patm):	(start) 14,11 (	finish) 14,15		
		PTW	<u>-1261</u>	9/1			Temp:	26.79'	23,49'C		
	Depth t				eadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No.	Port Valve (ft) From From Log (Dp) Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> 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	194.32	184,20	194,32	24.71	392.31	149.69	542	1125	
4	445	443	152,30	142.26	152,30	23,56	295.55	149.45	445	1128	
3	319	317	97,84	90,56		22,60		142.72	319	1130	
2	254	252	69,60	62,56	69,60	21,98	111.68	142.32	254	1132	
1	174	172			34,93		34.86	139.14	174	1134	
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Comments: Collar Detect is 1' above sample port

	WELL ID:	MW-24				PROBE TYPE	ROBE TYPE Westbay Sampler 0-500psi			
	DATE: 🔿	8/04/1	1フ			SERIAL NO. EMS	2202			
	LOCATION:	JPL				PROJECT	JPL Pasadena			
	ELEV. TOP OF	WASTBAY CASING		1200.94		OPERATOR(S) TI HE	Dang			
	WEATHER: (	lea				ATM. PRESSURE (Patm):	(start) 14/03 (1	inish) 14,05		
	PTU	<u>lean</u> -210.1	8			Temp: تە	25, BC	21.85'C		
Depth t				eadings (psi)		Pressure Head Outside	Depth to Water Outside	True Port Depth ( Dp )	(	
From Log (Dp)	aive (ft) From Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port(ft) DTW = Dp-P(ft)	(ft)	Time	
678	676	216195	199,30	216.95	24,39	427.37	250.63	678	1400	
554	552	163.24	148.58	163.24	23,02	310.36	243.64	554	1402	
435	432	111,73	100,14	11.73	22,38	198.61	236.39	435	1404	
373	372	85.69	73.73	85,69	22,00	137.68	235.32	373	1406	
279	277	54172' 4411	35,53	84.72"	22,13	49.55	229.45	279	1408	
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			· .					·		

Comments: Collar Detect is 1' above sample port

Port No.

		WELL ID:	MW-25				PROBE TYPE	***	_		
		DATE: 08	104/17				SERIAL NO. EMS	2502		_	
		LOCATION:	JPL				PROJECT	JPL Pasadena		_	
		ELEV. TOP OF	WASTBAY CASING	3	934.53		OPERATOR(S)		_		
		WEATHER: (	Cler				ATM. PRESSURE (Patm):		finish) 14.16	_	
		PTW-	<u>Cler</u> - 244.	20'					23.41°C	_	
Port No.		to Meas.		Pressure R	eadings (psi)		Pressure Head Outside	Depth to Water Outside			(
	Port Valve (ft) From From Log (Dp) Cable	psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC) F	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft )	True Port Depth ( Dp ) ( ft )	Time		
5	713	711	218.12	213.81	218.12	24127	460.59	252.41	713	0641	
4	633	631	183,59	180.53	183,59	23.23	383.82	249.18	633	0643	
3	503	501	122,47	125,18	127,47	22,42	256.12	246.88	503	0646	
2	423	421	72,69	90.7.3	92,69	21,86	176.65	246.35	423	0618	
1	358			62.52	64,51	21,18	111.57	246.43	358	0650	
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										A. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	
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						N.,		-			

Comments: Collar Detect is 2' below sample port

		WELL ID:	MW-26				PROBE TYPE		-		
		DATE: ()	8/04/17	7			SERIAL NO. EMS	2502		_	
		LOCATION:	JPL ·				PROJECT	_			
			WASTBAY CASING		1059.08		OPERATOR(S)	bang		-	
		WEATHER:	clear	<b>`</b>			ATM. PRESSURE (Patm):		finish) 14,16	_	
		DTU	c/ear 1-66,1	7′			Temp:	24.610	finish) 14,16 22,66°C	- 	
		to Meas.		Pressure R	leadings (psi)		Pressure Head Outside	Depth to Water Outside			
Port No	Port Valve (ft) From From Log (Dp) Cable		psi Inside Casing	kg/cm <sup>2</sup> Outside Casing P2	mH <sup>2</sup> O Inside Casing	Trans. Temp. (oC)	Port (ft) P(ft)=(P2-Patm)*2.307 ft/psi)	Port (ft )	True Port Depth ( Dp ) ( ft )	Time	
2	215	211	78.44		78.44	23,34	106.63	108.37	215	0933	
1	135	131	43,60	25.40	43.60	21.97	25.93	109.07	135	0935	
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Comments: Collar Detect is 2' below sample port