

APPENDIX A

**SOIL AND SEDIMENT ANALYSIS SUMMARIES:
NOVEMBER - DECEMBER 2015 UPDATE**

(ICON 2016; MP&A 2015)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Core Interval (ft bls)	Moisture Content	Arsenic				Barium				Cadmium						
			ICON		Pisani		ICON		Pisani		ICON		Pisani				
			Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt			
Item No.	Date	ICON	MPA														
SS-16	423	0-2	13-Nov-15	0.659	0.687	6.95	2.37	7.28	2.28	722	246	466	146	<0.499	<0.17	<0.824	<0.258
SS-16	424	2-4	13-Nov-15	0.843	0.836	9.59	1.51	8.6	1.41	578	90.7	665	109	<0.498	<0.0782	<1.6	<0.262
SS-16	425	4-6	13-Nov-15	0.723	0.744	6.34	1.76	6.05	1.55	333	92.2	414	106	<0.5	<0.139	<0.984	<0.252
SS-17	426	0-2	12-Nov-15	0.571	0.566	6.52	2.8	6.06	2.63	690	296	588	255	<0.5	<0.215	<0.599	<0.26
SS-17	427	2-4	12-Nov-15	0.568	0.567	5.07	2.19	6.86	2.97	1260	544	1950	846	<0.5	<0.216	<0.6	<0.26
SS-17	428	4-6	12-Nov-15	0.589	0.58	9.37	3.85	9.05	3.8	2250	925	3100	1300	<0.499	<0.205	<0.598	<0.251
SS-17	429	6-8	12-Nov-15	0.51	0.524	8.56	4.19	7.79	3.71	356	174	632	301	<0.497	<0.244	<0.55	<0.262
SS-19	430	0-2	12-Nov-15	0.627	0.614	8.87	3.31	3.52	1.36	514	192	492	190	0.839	0.313	<0.694	<0.268
SS-19	431	2-4	12-Nov-15	0.632	0.559	8.65	3.18	7.73	3.41	419	154	624	275	0.607	0.223	<0.603	<0.266
SS-20	432	0-2	12-Nov-15	0.675	0.671	9.02	2.93	9.39	3.09	774	252	1130	371	<0.5	<0.163	<0.781	<0.257
SS-20	433	2-4	12-Nov-15	0.683	0.67	7.26	2.3	7.18	2.37	421	133	482	159	<0.495	<0.157	<0.809	<0.267
SS-20	434	4-6	12-Nov-15	0.662	0.65	8.73	2.95	11.3	3.96	596	201	949	332	<0.495	<0.167	<0.749	<0.262
SS-21	435	0-2	16-Nov-15	0.646	0.592	6.71	2.38	7.01	2.86	460	163	449	183	<0.498	<0.176	<0.62	<0.253
SS-21	436	2-4	16-Nov-15	0.856	0.823	11.8	1.7	12	2.12	420	60.5	489	86.5	<0.498	<0.0717	<1.44	<0.255
SS-22	437	0-2	12-Nov-15	0.745	0.756	8.87	2.26	12.2	2.97	581	148	664	162	0.789	0.201	<1.07	<0.261
SS-22	438	2-4	12-Nov-15	0.62	0.619	7.23	2.75	6.9	2.63	949	361	1230	469	0.529	0.201	<0.706	<0.269
SS-22	439	4-6	12-Nov-15	0.629	0.631	6.76	2.51	6.07	2.24	719	267	816	301	<0.498	<0.185	<0.694	<0.256
SS-22	440	6-8	12-Nov-15	0.576	0.56	7.98	3.38	5.41	2.38	344	146	245	108	<0.497	<0.211	<0.58	<0.255
SS-23	441	0-2	16-Nov-15	0.545	0.527	4.67	2.12	8.96	4.24	255	116	216	102	<0.499	<0.227	<0.562	<0.266
SS-23	442	2-4	16-Nov-15	0.807	0.817	10	1.93	15	2.75	262	50.6	233	42.6	<0.499	<0.0963	<1.49	<0.273
SS-24	443	0-2	16-Nov-15	0.637	0.635	7.29	2.65	9.26	3.38	151	54.8	142	51.9	<0.499	<0.181	<0.726	<0.265
SS-24	444	2-4	16-Nov-15	0.843	0.843	11.6	1.82	13.4	2.1	252	39.6	264	41.5	<0.498	<0.0782	<1.77	<0.278
SS-25	445	0-2	16-Nov-15	0.673	0.693	7.38	2.41	7.3	2.24	425	139	528	162	<0.498	<0.163	<0.919	<0.282
SS-25	446	2-4	16-Nov-15	0.633	0.632	6.42	2.36	9.35	3.44	692	254	1160	426	<0.5	<0.184	<0.736	<0.271
SS-25	447	4-6	16-Nov-15	0.615	0.605	8	3.08	9.65	3.81	460	177	552	218	<0.5	<0.193	<0.777	<0.307
SS-26	448	0-2	12-Nov-15	0.522	0.519	4.46	2.13	8.25	3.97	806	385	609	293	<0.498	<0.238	<0.534	<0.257
SS-26	449	2-4	12-Nov-15	0.802	0.794	9.59	1.9	9.32	1.92	603	119	519	107	<0.499	<0.0988	<1.3	<0.268
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	6.07	1.32	7.25	1.77	1010	220	943	230	<0.498	<0.109	<1.07	<0.262
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	5.74	3.04	5.78	2.67	198	105	173	80	<0.499	<0.264	<0.569	<0.263
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	8.4	2.93	9.18	3.15	654	228	857	294	<0.496	<0.173	<0.743	<0.255
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	6.62	3.59	7.23	3.44	180	97.6	237	113	<0.498	<0.27	<0.571	<0.272
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	6.77	1.87	7.64	2.43	154	42.5	122	38.8	<0.495	<0.137	<0.789	<0.251
TBB-2M	455	15-17	2-Dec-15	0.276	-	5.11	3.7	-	-	218	158	-	-	<0.496	<0.359	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	5.27	4.01	-	-	219	167	-	-	<0.498	<0.379	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Item No.	Core Interval (ft bls)	Date	Moisture Content		Chromium				Lead				Mercury			
				ICON	MPA	ICON		Pisani		ICON		Pisani		ICON		Pisani	
						Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.
SS-16	423	0-2	13-Nov-15	0.659	0.687	14	4.77	11.3	3.55	19.9	6.79	14.1	4.4	0.24	0.0818	<0.319	<0.1
SS-16	424	2-4	13-Nov-15	0.843	0.836	6.97	1.09	9.02	1.48	8.15	1.28	9.57	1.57	<0.1	<0.0157	<0.61	<0.1
SS-16	425	4-6	13-Nov-15	0.723	0.744	10.4	2.88	10.6	2.72	17.1	4.74	11.3	2.9	<0.09	<0.0249	<0.391	<0.1
SS-17	426	0-2	12-Nov-15	0.571	0.566	14.6	6.26	13.6	5.92	23.3	10	19.6	8.51	0.2	0.0858	<0.23	<0.1
SS-17	427	2-4	12-Nov-15	0.568	0.567	16.3	7.04	15.5	6.71	21.4	9.24	24.9	10.8	<0.1	<0.0432	<0.231	<0.1
SS-17	428	4-6	12-Nov-15	0.589	0.58	19	7.81	20.1	8.43	34.9	14.3	50.7	21.3	<0.11	<0.0452	<0.238	<0.1
SS-17	429	6-8	12-Nov-15	0.51	0.524	15.1	7.4	15.5	7.4	16.5	8.09	19	9.03	<0.11	<0.0539	<0.21	<0.1
SS-19	430	0-2	12-Nov-15	0.627	0.614	18.3	6.83	10.6	4.08	19.2	7.16	13	5.02	0.74	0.276	0.57	0.22
SS-19	431	2-4	12-Nov-15	0.632	0.559	15.6	5.74	11.2	4.93	30.7	11.3	17.5	7.71	0.84	0.309	0.34	0.15
SS-20	432	0-2	12-Nov-15	0.675	0.671	12.8	4.16	14.1	4.65	24.3	7.9	23.9	7.86	0.14	0.0455	<0.304	<0.1
SS-20	433	2-4	12-Nov-15	0.683	0.67	11.4	3.61	12.5	4.11	16.8	5.33	16.8	5.55	<0.11	<0.0349	<0.303	<0.1
SS-20	434	4-6	12-Nov-15	0.662	0.65	12	4.06	15.4	5.39	19.9	6.73	24.8	8.67	0.13	0.0439	<0.286	<0.1
SS-21	435	0-2	16-Nov-15	0.646	0.592	14.1	4.99	13.7	5.57	21.7	7.68	22.4	9.14	0.29	0.103	<0.27	<0.11
SS-21	436	2-4	16-Nov-15	0.856	0.823	6.74	0.971	7.68	1.36	6.75	0.972	8.98	1.59	<0.11	<0.0158	<0.565	<0.1
SS-22	437	0-2	12-Nov-15	0.745	0.756	22.4	5.71	22.5	5.48	27.2	6.94	32.4	7.91	0.36	0.0918	<0.41	<0.1
SS-22	438	2-4	12-Nov-15	0.62	0.619	18.1	6.88	18.1	6.91	26.3	9.99	25.5	9.71	0.19	0.0722	<0.262	<0.1
SS-22	439	4-6	12-Nov-15	0.629	0.631	18.1	6.72	19.8	7.32	20.5	7.61	24.2	8.94	0.2	0.0742	0.379	0.14
SS-22	440	6-8	12-Nov-15	0.576	0.56	14.3	6.06	10.6	4.65	15.3	6.49	11.4	5.01	<0.1	<0.0424	<0.227	<0.1
SS-23	441	0-2	16-Nov-15	0.545	0.527	14	6.37	14.8	6.99	17.2	7.83	16.2	7.65	<0.1	<0.0455	<0.233	<0.11
SS-23	442	2-4	16-Nov-15	0.807	0.817	10.1	1.95	9.13	1.67	10.1	1.95	7.87	1.44	0.11	0.0212	<0.546	<0.1
SS-24	443	0-2	16-Nov-15	0.637	0.635	14.7	5.34	15.1	5.52	16.1	5.84	15.8	5.78	0.1	0.0363	<0.247	<0.09
SS-24	444	2-4	16-Nov-15	0.843	0.843	9.1	1.43	8.34	1.31	8.73	1.37	6.94	1.09	<0.09	<0.0141	<0.637	<0.1
SS-25	445	0-2	16-Nov-15	0.673	0.693	15.5	5.07	17.8	5.46	19.3	6.31	22.1	6.8	<0.1	<0.0327	<0.326	<0.1
SS-25	446	2-4	16-Nov-15	0.633	0.632	14	5.14	17.2	6.33	20.5	7.52	23	8.47	0.27	0.0991	<0.272	<0.1
SS-25	447	4-6	16-Nov-15	0.615	0.605	15.1	5.81	16.5	6.5	19	7.32	19.6	7.73	0.19	0.0732	<0.253	<0.1
SS-26	448	0-2	12-Nov-15	0.522	0.519	11.1	5.31	9.9	4.76	17.2	8.22	19.2	9.23	0.12	0.0574	<0.229	<0.11
SS-26	449	2-4	12-Nov-15	0.802	0.794	9.06	1.79	8.35	1.72	10.7	2.12	9.9	2.04	<0.1	<0.0198	<0.534	<0.11
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	10.5	2.29	14	3.42	13.2	2.88	17.5	4.26	<0.1	<0.0218	<0.41	<0.1
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	13.2	7	11.8	5.45	17.2	9.12	11.7	5.42	<0.1	<0.053	<0.216	<0.1
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	12.9	4.5	14.7	5.05	19.6	6.84	21.2	7.26	<0.09	<0.0314	<0.292	<0.1
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	12.8	6.94	15.3	7.27	15	8.13	15.9	7.56	<0.09	<0.0488	<0.21	<0.1
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	10.4	2.87	15.9	5.06	10.9	3.01	16.9	5.36	<0.09	<0.0248	<0.314	<0.1
TBB-2M	455	15-17	2-Dec-15	0.276	-	12.3	8.91	-	-	11.1	8.04	-	-	<0.1	<0.0724	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	10.6	8.07	-	-	13.4	10.2	-	-	<0.1	<0.0761	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Core Interval (ft bls)	Moisture Content	Selenium				Silver				Strontium						
			ICON		Pisani		ICON		Pisani		ICON		Pisani				
			Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	mg/kg-c	mg/kg-v	mg/kg-c	mg/kg-v	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.			
Item No.	Date	ICON	MPA														
SS-16	423	0-2	13-Nov-15	0.659	0.687	<1.99	<0.679	<3.29	<1.03	-	-	<0.824	<0.258	111	37.9	-	-
SS-16	424	2-4	13-Nov-15	0.843	0.836	<1.99	<0.312	<6.4	<1.05	-	-	<1.6	<0.262	413	64.8	-	-
SS-16	425	4-6	13-Nov-15	0.723	0.744	<2	<0.554	<3.95	<1.01	-	-	<0.984	<0.252	217	60.1	-	-
SS-17	426	0-2	12-Nov-15	0.571	0.566	<2	<0.858	<2.4	<1.04	-	-	<0.599	<0.26	42.3	18.1	-	-
SS-17	427	2-4	12-Nov-15	0.568	0.567	<2	<0.864	<2.4	<1.04	-	-	<0.6	<0.26	85.1	36.8	-	-
SS-17	428	4-6	12-Nov-15	0.589	0.58	<2	<0.822	<2.4	<1.01	-	-	<0.598	<0.251	105	43.2	-	-
SS-17	429	6-8	12-Nov-15	0.51	0.524	<1.99	<0.975	<2.21	<1.05	-	-	<0.55	<0.262	47.6	23.3	-	-
SS-19	430	0-2	12-Nov-15	0.627	0.614	<2	<0.746	<2.77	<1.07	-	-	<0.694	<0.268	189	70.5	-	-
SS-19	431	2-4	12-Nov-15	0.632	0.559	<1.99	<0.732	<2.4	<1.06	-	-	<0.603	<0.266	87.1	32.1	-	-
SS-20	432	0-2	12-Nov-15	0.675	0.671	<2	<0.65	<3.13	<1.03	-	-	<0.781	<0.257	53.9	17.5	-	-
SS-20	433	2-4	12-Nov-15	0.683	0.67	<1.98	<0.628	<3.24	<1.07	-	-	<0.809	<0.267	67.5	21.4	-	-
SS-20	434	4-6	12-Nov-15	0.662	0.65	<1.98	<0.669	<3	<1.05	-	-	<0.749	<0.262	62.2	21	-	-
SS-21	435	0-2	16-Nov-15	0.646	0.592	<1.99	<0.704	<2.48	<1.01	<0.498	<0.176	<0.62	<0.253	-	-	-	-
SS-21	436	2-4	16-Nov-15	0.856	0.823	<1.99	<0.287	<5.76	<1.02	<0.498	<0.0717	<1.44	<0.255	-	-	-	-
SS-22	437	0-2	12-Nov-15	0.745	0.756	<2	<0.51	<4.3	<1.05	-	-	<1.07	<0.261	53.1	13.5	-	-
SS-22	438	2-4	12-Nov-15	0.62	0.619	<2	<0.76	<2.83	<1.08	-	-	<0.706	<0.269	72.4	27.5	-	-
SS-22	439	4-6	12-Nov-15	0.629	0.631	<1.99	<0.738	<2.76	<1.02	-	-	<0.694	<0.256	99.1	36.8	-	-
SS-22	440	6-8	12-Nov-15	0.576	0.56	<1.99	<0.844	<2.32	<1.02	-	-	<0.58	<0.255	57.3	24.3	-	-
SS-23	441	0-2	16-Nov-15	0.545	0.527	<1.99	<0.905	<2.24	<1.06	<0.499	<0.227	<0.562	<0.266	-	-	-	-
SS-23	442	2-4	16-Nov-15	0.807	0.817	<2	<0.386	<5.96	<1.09	<0.499	<0.0963	<1.49	<0.273	-	-	-	-
SS-24	443	0-2	16-Nov-15	0.637	0.635	<2	<0.726	<2.9	<1.06	<0.499	<0.181	<0.726	<0.265	-	-	-	-
SS-24	444	2-4	16-Nov-15	0.843	0.843	<1.99	<0.312	<7.07	<1.11	<0.498	<0.0782	<1.77	<0.278	-	-	-	-
SS-25	445	0-2	16-Nov-15	0.673	0.693	<1.99	<0.651	<3.68	<1.13	<0.498	<0.163	<0.919	<0.282	-	-	-	-
SS-25	446	2-4	16-Nov-15	0.633	0.632	<2	<0.734	<2.93	<1.08	<0.5	<0.184	<0.736	<0.271	-	-	-	-
SS-25	447	4-6	16-Nov-15	0.615	0.605	<2	<0.77	<3.11	<1.23	<0.5	<0.193	<0.777	<0.307	-	-	-	-
SS-26	448	0-2	12-Nov-15	0.522	0.519	<1.99	<0.951	<2.14	<1.03	-	-	<0.534	<0.257	134	64.1	-	-
SS-26	449	2-4	12-Nov-15	0.802	0.794	<1.99	<0.394	<5.19	<1.07	-	-	<1.3	<0.268	272	53.9	-	-
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	<1.99	<0.434	<4.3	<1.05	-	-	<1.07	<0.262	229	49.9	-	-
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	<2	<1.06	<2.27	<1.05	-	-	<0.569	<0.263	111	58.8	-	-
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	<1.98	<0.691	<2.97	<1.02	-	-	<0.743	<0.255	84.4	29.5	-	-
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	<1.99	<1.08	<2.29	<1.09	-	-	<0.571	<0.272	80.7	43.7	-	-
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	<1.98	<0.546	<3.14	<1	-	-	<0.789	<0.251	82.2	22.7	-	-
TBB-2M	455	15-17	2-Dec-15	0.276	-	<1.98	<1.43	-	-	-	-	-	-	38	27.5	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	<1.99	<1.51	-	-	-	-	-	-	28.1	21.4	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Core Interval (ft bls)	Moisture Content	Zinc				TPH-DRO				TPH-ORO						
			ICON		Pisani		ICON		Pisani		ICON		Pisani				
			Item No.	Date	ICON	MPA	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	Dry Wt.	Wet Wt	
SS-16	423	0-2	13-Nov-15	0.659	0.687	72.2	24.6	40.9	12.8	-	-	-	-	-	-	-	-
SS-16	424	2-4	13-Nov-15	0.843	0.836	31.8	4.99	30.4	4.99	-	-	-	-	-	-	-	-
SS-16	425	4-6	13-Nov-15	0.723	0.744	45.2	12.5	31.9	8.16	-	-	-	-	-	-	-	-
SS-17	426	0-2	12-Nov-15	0.571	0.566	47.7	20.5	45.4	19.7	65	27.9	-	-	113	48.4	-	-
SS-17	427	2-4	12-Nov-15	0.568	0.567	50.7	21.9	53.3	23.1	345	149	-	-	262	113	-	-
SS-17	428	4-6	12-Nov-15	0.589	0.58	66.5	27.3	63.6	26.7	345	142	-	-	205	84.2	-	-
SS-17	429	6-8	12-Nov-15	0.51	0.524	68.1	33.4	64.9	30.9	40.2	19.7	-	-	33.3	16.3	-	-
SS-19	430	0-2	12-Nov-15	0.627	0.614	164	61.2	85	32.8	134	49.9	-	-	121	45.1	-	-
SS-19	431	2-4	12-Nov-15	0.632	0.559	78.7	29	68.9	30.4	323	119	-	-	227	83.5	-	-
SS-20	432	0-2	12-Nov-15	0.675	0.671	58.2	18.9	65.7	21.6	412	134	-	-	326	106	-	-
SS-20	433	2-4	12-Nov-15	0.683	0.67	52.6	16.7	68.2	22.5	341	108	-	-	382	121	-	-
SS-20	434	4-6	12-Nov-15	0.662	0.65	52.9	17.9	65.1	22.8	533	180	-	-	426	144	-	-
SS-21	435	0-2	16-Nov-15	0.646	0.592	62.5	22.1	61	24.9	3190	1130	-	-	1340	473	-	-
SS-21	436	2-4	16-Nov-15	0.856	0.823	23	3.31	24.9	4.41	924	133	-	-	551	79.3	-	-
SS-22	437	0-2	12-Nov-15	0.745	0.756	182	46.4	223	54.5	2010	513	-	-	4860	1240	-	-
SS-22	438	2-4	12-Nov-15	0.62	0.619	113	42.9	103	39.3	3260	1240	-	-	5000	1900	-	-
SS-22	439	4-6	12-Nov-15	0.629	0.631	76.4	28.3	72.6	26.8	3020	1120	-	-	2620	973	-	-
SS-22	440	6-8	12-Nov-15	0.576	0.56	61.2	25.9	36.6	16.1	587	249	-	-	672	285	-	-
SS-23	441	0-2	16-Nov-15	0.545	0.527	86.9	39.5	73.4	34.7	140	63.7	-	-	174	79.1	-	-
SS-23	442	2-4	16-Nov-15	0.807	0.817	36.1	6.97	27.3	5	-	-	-	-	-	-	-	-
SS-24	443	0-2	16-Nov-15	0.637	0.635	62.4	22.7	60.8	22.2	994	361	-	-	355	129	-	-
SS-24	444	2-4	16-Nov-15	0.843	0.843	23.8	3.74	21.9	3.44	177	27.8	-	-	206	32.4	-	-
SS-25	445	0-2	16-Nov-15	0.673	0.693	57.4	18.8	67.1	20.6	225	73.7	-	-	162	52.9	-	-
SS-25	446	2-4	16-Nov-15	0.633	0.632	57.7	21.2	71.7	26.4	853	313	-	-	343	126	-	-
SS-25	447	4-6	16-Nov-15	0.615	0.605	57.8	22.3	61	24.1	1140	437	-	-	465	179	-	-
SS-26	448	0-2	12-Nov-15	0.522	0.519	41.4	19.8	42.4	20.4	9230	4410	-	-	6210	2970	-	-
SS-26	449	2-4	12-Nov-15	0.802	0.794	29.5	5.84	26.3	5.42	2790	553	-	-	2300	455	-	-
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	97.6	21.3	145	35.4	7290	1590	-	-	3780	824	-	-
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	41.9	22.2	45.2	20.9	29.2	15.5	-	-	68.9	36.5	-	-
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	67.6	23.6	74.3	25.5	699	244	-	-	708	247	-	-
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	42.6	23.1	44.5	21.2	469	254	-	-	218	118	-	-
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	34.6	9.55	51.9	16.5	67.8	18.7	-	-	155	42.7	-	-
TBB-2M	455	15-17	2-Dec-15	0.276	-	22.7	16.4	-	-	-	-	-	-	-	-	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	31.2	23.7	-	-	-	-	-	-	-	-	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	-	-	-	-	-	-	No MC	23.6	-	-	No MC	<6.64

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Item No.	Core Interval (ft bls)	Date	Moisture Content		TPH-GRO				Aliphatic C6-C8		Aliphatic >C8-C10		Aliphatic >C10-C12		Aliphatic >C12-C16	
				ICON	MPA	ICON		Pisani		Pisani		Pisani		Pisani		Pisani	
						Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.
SS-16	423	0-2	13-Nov-15	0.659	0.687	-	-	-	-	<94.9	<29.7	<94.9	<29.7	<19.2	<6.00	58.5	18.3
SS-16	424	2-4	13-Nov-15	0.843	0.836	-	-	-	-	<182	<29.9	<182	<29.9	<36.6	<6.00	<36.6	<6.00
SS-16	425	4-6	13-Nov-15	0.723	0.744	-	-	-	-	<114	<29.3	<114	<29.3	<23.4	<6.00	<23.4	<6.00
SS-17	426	0-2	12-Nov-15	0.571	0.566	-	-	-	-	<66.8	<29.0	<66.8	<29.0	<13.5	<5.88	13.7	5.96
SS-17	427	2-4	12-Nov-15	0.568	0.567	-	-	-	-	<66.7	<28.9	<66.7	<28.9	<13.9	<6.00	32.1	13.9
SS-17	428	4-6	12-Nov-15	0.589	0.58	-	-	-	-	<68.8	<28.9	<68.8	<28.9	16	6.73	185	77.5
SS-17	429	6-8	12-Nov-15	0.51	0.524	-	-	-	-	<62.2	<29.6	<62.2	<29.6	<12.6	<6.00	49.8	23.7
SS-19	430	0-2	12-Nov-15	0.627	0.614	-	-	-	-	<75.9	<29.3	<75.9	<29.3	<15.5	<6.00	57.3	22.1
SS-19	431	2-4	12-Nov-15	0.632	0.559	-	-	-	-	<67.6	<29.8	<67.6	<29.8	<13.6	<6.00	<13.6	<6.00
SS-20	432	0-2	12-Nov-15	0.675	0.671	-	-	-	-	<90	<29.6	<90	<29.6	<18.2	<6.00	<18.2	<6.00
SS-20	433	2-4	12-Nov-15	0.683	0.67	-	-	-	-	<87.9	<29.0	<87.9	<29.0	<18.2	<6.00	<18.2	<6.00
SS-20	434	4-6	12-Nov-15	0.662	0.65	-	-	-	-	<83.4	<29.2	<83.4	<29.2	<17.1	<6.00	39.7	13.9
SS-21	435	0-2	16-Nov-15	0.646	0.592	-	-	-	-	<72.5	<29.6	<72.5	<29.6	<14.7	<6.00	16.8	6.86
SS-21	436	2-4	16-Nov-15	0.856	0.823	-	-	-	-	<168	<29.8	<168	<29.8	<33.9	<6.00	<33.9	<6.00
SS-22	437	0-2	12-Nov-15	0.745	0.756	-	-	-	-	<121	<29.5	<121	<29.5	<24.6	<6.00	93	22.7
SS-22	438	2-4	12-Nov-15	0.62	0.619	-	-	-	-	<77.2	<29.4	<77.2	<29.4	<15.7	<6.00	91.3	34.8
SS-22	439	4-6	12-Nov-15	0.629	0.631	-	-	-	-	<78.9	<29.1	<78.9	<29.1	<81.3	<30.0	229	84.6
SS-22	440	6-8	12-Nov-15	0.576	0.56	-	-	-	-	<66.1	<29.1	<66.1	<29.1	<13.6	<6.00	50.5	22.2
SS-23	441	0-2	16-Nov-15	0.545	0.527	-	-	-	-	<58.8	<27.8	<58.8	<27.8	<12.7	<6.00	<12.7	<6.00
SS-23	442	2-4	16-Nov-15	0.807	0.817	-	-	-	-	-	-	-	-	-	-	-	-
SS-24	443	0-2	16-Nov-15	0.637	0.635	-	-	-	-	<74	<27.0	<74	<27.0	<16.1	<5.88	<16.1	<5.88
SS-24	444	2-4	16-Nov-15	0.843	0.843	-	-	-	-	<183	<28.7	<183	<28.7	<38.2	<6.00	<38.2	<6.00
SS-25	445	0-2	16-Nov-15	0.673	0.693	-	-	-	-	<95.8	<29.4	<95.8	<29.4	<18.8	<5.77	<18.8	<5.77
SS-25	446	2-4	16-Nov-15	0.633	0.632	-	-	-	-	<76.4	<28.1	<76.4	<28.1	<16.3	<6.00	170	62.6
SS-25	447	4-6	16-Nov-15	0.615	0.605	-	-	-	-	<75.9	<30.0	<75.9	<30.0	<15	<5.94	38	15
SS-26	448	0-2	12-Nov-15	0.522	0.519	-	-	-	-	<60.7	<29.2	<60.7	<29.2	<595	<286	2910	1400
SS-26	449	2-4	12-Nov-15	0.802	0.794	-	-	-	-	<141	<29.1	<141	<29.1	<140	<28.8	942	194
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	-	-	-	-	<117	<28.5	<117	<28.5	68.4	16.7	249	60.7
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	-	-	-	-	<63.2	<29.2	<63.2	<29.2	<13	<6.00	<13	<6.00
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	-	-	-	-	<81.9	<28.1	<81.9	<28.1	<17.5	<6.00	66.5	22.8
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	-	-	-	-	<61.6	<29.3	<61.6	<29.3	<12.6	<6.00	<12.6	<6.00
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	-	-	-	-	<91.2	<29.0	<91.2	<29.0	<18.9	<6.00	<18.9	<6.00
TBB-2M	455	15-17	2-Dec-15	0.276	-	-	-	-	-	-	-	-	-	-	-	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	-	-	-	-	-	-	-	-	-	-	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	-	-	No MC	<4.91	No MC	<29.5	No MC	<29.5	No MC	<6.00	No MC	12.9

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)

Table 1. ICON (2016) and MP&A (2015) Nov-Dec 2015 Sampling Update.

Boring ID	Core Interval (ft bls)	Moisture Content				Aliphatic >C16-C35		Aromatic >C8-C10		Aromatic >C10-C12		Aromatic >C12-C16		Aromatic >C16-C21		Aromatic >C21-C35	
		Item No.	Date	ICON	MPA	Pisani		Pisani		Pisani		Pisani		Pisani		Pisani	
						Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.
SS-16	423	0-2	13-Nov-15	0.659	0.687	345	108	<94.9	<29.7	<19.2	<6.00	<19.2	<6.00	50.5	15.8	106	33.2
SS-16	424	2-4	13-Nov-15	0.843	0.836	<36.6	<6.00	<182	<29.9	<36.6	<6.00	<36.6	<6.00	<36.6	<6.00	<36.6	<6.00
SS-16	425	4-6	13-Nov-15	0.723	0.744	<23.4	<6.00	<114	<29.3	<23.4	<6.00	<23.4	<6.00	<23.4	<6.00	<23.4	<6.00
SS-17	426	0-2	12-Nov-15	0.571	0.566	143	62.2	<66.8	<29.0	<13.5	<5.88	<13.5	<5.88	<13.5	<5.88	37.3	16.2
SS-17	427	2-4	12-Nov-15	0.568	0.567	147	63.7	<66.7	<28.9	<13.9	<6.00	<13.9	<6.00	<13.9	<6.00	<13.9	<6.00
SS-17	428	4-6	12-Nov-15	0.589	0.58	607	255	<68.8	<28.9	<14.3	<6.00	20.1	8.46	73.1	30.7	93.8	39.4
SS-17	429	6-8	12-Nov-15	0.51	0.524	186	88.4	<62.2	<29.6	<12.6	<6.00	<12.6	<6.00	31.3	14.9	40.8	19.4
SS-19	430	0-2	12-Nov-15	0.627	0.614	332	128	<75.9	<29.3	<15.5	<6.00	<15.5	<6.00	38.6	14.9	70.7	27.3
SS-19	431	2-4	12-Nov-15	0.632	0.559	88.4	39	<67.6	<29.8	<13.6	<6.00	<13.6	<6.00	<13.6	<6.00	<13.6	<6.00
SS-20	432	0-2	12-Nov-15	0.675	0.671	31.6	10.4	<90	<29.6	<18.2	<6.00	<18.2	<6.00	<18.2	<6.00	<18.2	<6.00
SS-20	433	2-4	12-Nov-15	0.683	0.67	77.9	25.7	<87.9	<29.0	<18.2	<6.00	<18.2	<6.00	<18.2	<6.00	<18.2	<6.00
SS-20	434	4-6	12-Nov-15	0.662	0.65	204	71.4	<83.4	<29.2	<17.1	<6.00	<17.1	<6.00	27.9	9.75	46.9	16.4
SS-21	435	0-2	16-Nov-15	0.646	0.592	858	350	<72.5	<29.6	<14.7	<6.00	29.9	12.2	103	41.9	101	41.2
SS-21	436	2-4	16-Nov-15	0.856	0.823	346	61.2	<168	<29.8	<33.9	<6.00	<33.9	<6.00	<33.9	<6.00	<33.9	<6.00
SS-22	437	0-2	12-Nov-15	0.745	0.756	1040	254	<121	<29.5	<24.6	<6.00	<24.6	<6.00	68.4	16.7	255	62.2
SS-22	438	2-4	12-Nov-15	0.62	0.619	811	309	<77.2	<29.4	<15.7	<6.00	21	8.02	64	24.4	133	50.7
SS-22	439	4-6	12-Nov-15	0.629	0.631	1060	391	<78.9	<29.1	<32.5	<12.0	<32.5	<12.0	99.7	36.8	199	73.5
SS-22	440	6-8	12-Nov-15	0.576	0.56	327	144	<66.1	<29.1	<13.6	<6.00	<13.6	<6.00	29.8	13.1	53.9	23.7
SS-23	441	0-2	16-Nov-15	0.545	0.527	<12.7	<6.00	<58.8	<27.8	<12.7	<6.00	<12.7	<6.00	<12.7	<6.00	<12.7	<6.00
SS-23	442	2-4	16-Nov-15	0.807	0.817	-	-	-	-	-	-	-	-	-	-	-	-
SS-24	443	0-2	16-Nov-15	0.637	0.635	40.8	14.9	<74	<27.0	<16.1	<5.88	<16.1	<5.88	<16.1	<5.88	<16.1	<5.88
SS-24	444	2-4	16-Nov-15	0.843	0.843	61.7	9.68	<183	<28.7	<38.2	<6.00	<38.2	<6.00	<38.2	<6.00	<38.2	<6.00
SS-25	445	0-2	16-Nov-15	0.673	0.693	55.7	17.1	<95.8	<29.4	<18.8	<5.77	<18.8	<5.77	<18.8	<5.77	<18.8	<5.77
SS-25	446	2-4	16-Nov-15	0.633	0.632	924	340	<76.4	<28.1	<16.3	<6.00	19.4	7.15	94.8	34.9	119	43.8
SS-25	447	4-6	16-Nov-15	0.615	0.605	316	125	<75.9	<30.0	<15	<5.94	<15	<5.94	30.4	12	39.7	15.7
SS-26	448	0-2	12-Nov-15	0.522	0.519	13800	6640	<60.7	<29.2	<237	<114	<237	<114	1030	496	1990	958
SS-26	449	2-4	12-Nov-15	0.802	0.794	5150	1060	<141	<29.1	<140	<28.8	<140	<28.8	480	98.9	1070	220
TBB-1D	450	0-5	25-Nov-15	0.782	0.756	627	153	<117	<28.5	<24.6	<6.00	30.6	7.46	38.6	9.42	34.9	8.51
TBB-1D	451	5-10	25-Nov-15	0.47	0.538	40.3	18.6	<63.2	<29.2	<13	<6.00	<13	<6.00	<13	<6.00	<13	<6.00
TBB-2D	452	Grab	1-Dec-15	0.651	0.657	269	92.4	<81.9	<28.1	<17.5	<6.00	<17.5	<6.00	<17.5	<6.00	62.7	21.5
TBB-2M	453	0-7	2-Dec-15	0.458	0.524	<12.6	<6.00	<61.6	<29.3	<12.6	<6.00	<12.6	<6.00	<12.6	<6.00	<12.6	<6.00
TBB-2M	454	7-15	2-Dec-15	0.724	0.682	<18.9	<6.00	<91.2	<29.0	<18.9	<6.00	<18.9	<6.00	<18.9	<6.00	<18.9	<6.00
TBB-2M	455	15-17	2-Dec-15	0.276	-	-	-	-	-	-	-	-	-	-	-	-	-
TBB-2M	456	17-19	2-Dec-15	0.239	-	-	-	-	-	-	-	-	-	-	-	-	-
MUD PIT CONTENTS	457	NA	7-Dec-15	-	-	No MC	37.5	No MC	<29.5	No MC	<6.00	No MC	7.7	No MC	7.16	No MC	7.76

Grey shaded = Sample locations excluded from quantitative BERAs due to depth (i.e. >3 ft BGS)