

	.001-LA	.002-LA	.003-LB	.004-LA	.005-LB	.006-LB	.007-LA	.008-LB	.009-LB	.010-LB	.011-LA	.012-LB	.013-LBA	.014-LB
36821	36	113	35	28	8	37	27	31	6	5	4	-1	6	-1
36822	59	146	41	74	12	32	5	37	8	6	3	2	7	2
36823	39	125	30	64	8	36	15	32	7	6	5	2	11	2
36824	47	185	30	29	8	19	22	12	3	1	2	-1	8	-1
36825	36	94	22	26	5	14	16	15	3	2	4	-1	-1	-1
36825-R	37	96	18	24	4	16	16	16	3	3	4	-1	3	-1
36826	40	90	21	25	6	19	18	27	6	4	6	2	4	-1
36827	39	90	25	33	5	17	16	15	3	2	4	-1	2	-1
36828	44	99	24	23	5	15	16	15	3	2	4	1	4	-1
36829	39	118	27	7	4	13	7	7	1	1	2	-1	4	-1
36830	76	173	290	102	18	41	13	34	5	2	3	1	5	3
36831	34	17	33	17	8	27	9	11	2	-1	2	-1	4	-1
36832	39	110	24	26	8	14	13	12	-1	1	3	-1	2	-1
36833	46	136	32	49	6	3	25	13	3	-1	4	-1	5	-1
36834	44	124	36	43	9	33	9	26	5	4	4	-1	4	-1
36835	45	136	34	24	10	32	18	25	5	4	6	-1	9	-1
36836	43	131	33	28	8	31	34	24	5	5	5	2	6	-1
36837	47	121	29	26	6	16	23	13	3	2	3	-1	7	-1
36838	37	101	25	22	5	15	20	12	2	2	2	-1	4	-1
36839	44	141	26	43	5	12	16	7	-1	-1	3	-1	4	-1
36840	33	93	24	22	4	10	12	7	2	-1	3	-1	3	-1
36840-R	29	101	25	25	4	10	6	6	-1	-1	2	-1	4	-1
36841	44	106	30	34	4	15	4	8	2	-1	1	-1	3	-1
36842	92	254	29	5	5	22	19	13	3	2	3	-1	2	-1
36843	36	106	29	23	6	14	19	11	2	2	3	-1	1	-1
36844	37	118	24	26	3	11	6	6	-1	1	2	-1	4	-1
36845	42	125	24	7	5	11	6	5	-1	-1	2	-1	3	-1
36846	39	118	25	33	6	25	31	21	4	3	5	-1	6	-1
36847	43	116	26	7	4	17	17	8	2	-1	3	-1	3	-1
36848	34	63	196	56	3	37	-1	35	7	7	-1	-1	14	2
36849	51	142	24	58	4	16	7	3	-1	-1	2	-1	2	-1
36850	42	123	28	16	5	23	19	13	3	2	3	-1	2	-1
36870	33	88	16	19	4	10	16	6	1	-1	3	-1	3	-1
36871	39	100	19	20	4	14	18	18	4	2	5	-1	6	-1
36872	34	92	15	22	2	4	16	10	2	2	4	-1	2	-1
36873	36	92	18	21	4	10	16	12	2	2	3	-1	1	-1
36874	40	102	18	23	4	13	15	8	2	-1	2	-1	2	-1
36874-R	38	96	18	19	4	12	16	7	1	1	2	-1	1	-1
36875	39	97	19	22	4	14	20	13	3	2	4	1	4	-1
36876	31	93	16	32	2	7	15	13	3	1	5	-1	-1	-1
36877	94	254	50	187	12	52	18	16	3	1	4	-1	7	-1
36878	58	156	64	265	13	53	10	13	2	-1	3	-1	3	-1
36879	94	183	368	93	19	44	25	25	5	3	4	1	4	3
36880	33	97	18	22	4	8	14	10	2	2	3	-1	-1	-1
36881	37	96	18	17	4	10	16	12	3	2	4	-1	2	-1
36882	31	83	15	21	3	5	15	13	2	5	5	-1	5	-1
36883	31	74	15	14	2	3	13	7	1	-1	3	-1	3	-1
36884	43	120	23	28	1	16	22	13	3	2	4	-1	4	-1
36885	30	66	13	8	1	4	10	5	-1	-1	2	-1	-1	-1
36886	31	85	16	15	2	7	13	8	2	1	3	-1	-1	-1
36887	34	81	21	18	3	11	15	12	2	-1	3	-1	1	-1
36888	76	184	70	61	13	29	14	22	3	2	3	-1	4	-1
36889	140	240	55	62	14	43	10	17	3	3	3	-1	5	-1
36889-R	140	253	56	64	11	39	10	15	3	2	3	-1	5	-1

	.001-LA	.002-LA	.003-LB	.004-LA	.005-LB	.006-LB	.007-LA	.008-LB	.009-LB	.010-LB	.011-LA	.012-LB	.013-LBA	.014-LB
36890	157	324	35	92	12	35	14	17	3	2	5	-1	6	-1
36891	250	329	47	83	11	35	13	14	3	1	4	-1	5	-1
36892	47	129	20	42	4	14	36	15	3	3	5	-1	3	-1
36893	41	94	23	40	4	13	7	4	1	1	2	-1	1	-1
36894	52	131	37	58	11	36	15	15	2	-1	3	-1	4	-1
36895	42	112	21	52	4	13	2	1	1	1	1	-1	3	-1
36896	41	111	22	26	5	14	7	11	2	2	2	-1	3	-1
36897	45	125	28	40	5	13	9	12	3	2	4	-1	4	-1
36898	41	109	23	30	4	14	19	11	2	2	3	1	3	-1
36899	41	110	24	31	5	16	8	20	4	4	3	-2	5	-1
36900	38	99	18	38	4	10	16	10	2	2	4	-1	4	-1
36901	45	129	27	38	7	19	34	19	4	3	4	-1	6	-1
36902	32	83	17	14	2	7	12	9	2	1	3	-1	1	-1
36903	39	109	21	17	4	10	4	12	2	2	2	-1	3	-1
36904	34	98	16	24	2	-1	5	6	-1	-1	2	-1	4	-1
36904-R	36	93	21	23	2	7	7	7	1	1	2	-1	4	-1
36905	42	96	23	6	4	12	4	9	2	-1	2	-1	3	-1
36906	73	173	32	57	8	25	16	9	2	1	3	-1	1	-1
36907	82	230	33	66	10	25	18	11	2	1	5	-1	2	1
36908	32	85	20	25	4	11	6	9	2	1	2	-1	3	-1
36909	35	96	18	25	3	8	15	9	2	1	3	-1	3	-1
36910	30	81	15	21	2	5	6	5	-1	-1	3	-1	2	-1
36911	30	74	20	17	3	8	14	9	2	1	3	-1	3	-1
36912	36	88	16	7	2	5	18	8	2	-1	2	-1	3	-1
36913	96	165	388	38	16	50	12	30	5	3	4	-1	4	2
36914	46	123	24	21	5	12	17	11	2	2	3	-1	4	-1
36915	35	90	20	23	4	8	17	8	2	1	2	-1	3	-1
36916	38	93	20	22	4	8	15	7	1	1	3	-1	4	-1
36917	31	63	3	11	-1	-1	-1	2	-1	-1	-1	-1	2	-1
36918	32	86	10	3	3	9	2	12	2	2	-1	-1	4	-1
36919	43	111	25	23	4	13	26	13	3	2	3	-1	4	-1
36919-R	43	108	26	26	6	13	22	14	3	3	3	-1	4	-1
36920	39	83	10	14	1	2	3	2	-1	-1	-1	-1	2	-1
36921	47	129	36	41	6	23	12	12	2	1	2	-1	3	-1
36922	55	130	23	23	4	11	10	5	1	-1	2	-1	4	-1
36923	77	184	116	60	13	38	18	16	3	1	3	-1	4	-1
36924	79	52	27	37	5	11	-1	6	1	-1	2	-1	3	-1
36925	47	124	34	26	5	13	7	17	3	3	3	-1	6	-1
36926	72	183	45	75	11	33	14	15	3	2	2	-1	4	-1
36927	78	231	44	132	10	38	18	16	3	2	4	-1	6	-1
36928	81	228	40	58	6	18	17	14	3	2	5	-1	1	-1
36929	40	145	35	32	8	23	10	8	2	-1	2	-1	2	-1
36930	52	139	229	26	12	28	4	16	3	1	2	-1	3	1
36931	31	81	20	20	3	4	4	7	-1	-1	1	-1	3	-1
36932	33	77	18	19	3	7	3	4	-1	-1	1	-1	2	-1
36933	133	38	30	63	5	17	-1	7	-1	-1	1	-1	3	-1
36934	37	37	15	27	1	4	-1	6	1	-1	-1	-1	4	-1
36934-R	36	62	27	37	4	11	4	8	1	1	-1	-1	4	-1
36935	44	120	25	30	5	16	17	15	3	2	2	-1	5	-1
36936	42	120	24	33	6	15	9	17	4	3	2	-1	6	-1
36937	41	50	16	20	2	5	1	6	1	2	-1	-1	3	-1
36938	32	86	20	16	3	9	12	2	-1	-1	2	-1	3	-1
36939	34	89	18	18	3	10	16	11	2	2	2	-1	3	-1
36940	47	57	27	46	4	11	6	6	1	-1	2	-1	2	-1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.001-LA	.002-LA	.003-LB	.004-LA	.005-LB	.006-LB	.007-LA	.008-LB	.009-LB	.010-LB	.011-LA	.012-LB	.013-LBA	.014-LB
36981	75	300	53	156	-1	36	17	20	3	3	4	1	7	-1
36982	66	202	54	74	12	39	12	18	3	2	3	-1	5	-1
36983	84	233	137	80	12	33	20	17	3	1	4	-1	5	-1
36984	36	12	8	11	-1	-1	11	4	-1	-1	-1	-1	-1	-1
36985	45	105	21	8	5	11	23	14	3	3	2	1	5	-1
36986	37	93	16	16	2	5	3	6	1	-1	1	-1	2	-1
36987	48	122	25	26	4	14	9	10	2	2	1	-1	4	-1
36988	55	123	20	14	3	10	5	7	2	2	2	-1	4	-1
36989	48	129	23	41	4	12	2	20	4	3	2	2	8	-1
36989-R	47	119	22	39	4	14	-1	17	4	3	-1	-1	8	-1
36990	30	76	18	13	1	5	10	5	-1	-1	2	-1	2	-1
36991	64	169	50	64	12	45	18	15	3	2	3	-1	4	-1
36992	34	91	28	17	5	11	14	10	2	1	3	-1	2	-1
36993	31	75	21	16	4	9	12	8	2	1	2	-1	2	-1
36994	44	116	26	24	4	12	18	8	2	1	2	-1	2	-1
36995	43	121	22	16	6	13	48	16	4	3	2	-1	4	-1
36996	37	75	9	11	-1	-1	18	4	-1	-1	-1	-1	2	-1
36997	34	67	17	29	2	6	1	8	1	-1	-1	-1	3	-1
36998	61	169	28	17	6	13	35	14	3	2	3	1	4	-1
36999	37	72	12	14	1	-1	1	2	-1	-1	-1	-1	2	-1
37000	62	190	48	44	12	37	15	12	3	2	3	-1	5	-1
37053	56	188	41	36	9	24	14	12	3	1	2	-1	3	-1
37054	41	106	22	17	3	13	24	12	2	2	3	-1	3	-1
37055	41	82	25	2	3	6	3	3	-1	-1	-1	-1	2	-1
37056	360	51	44	468	6	21	-1	12	2	2	-1	-1	-1	-1
37056-R	327	87	42	420	5	16	-1	11	2	1	-1	-1	-1	-1
37057	255	36	22	1270	6	17	-1	12	2	2	-1	-1	6	-1
37058	42	118	23	34	3	7	3	3	-1	-1	-1	-1	2	-1
37059	40	33	15	50	2	4	-1	6	1	-1	-1	-1	1	-1
37060	60	157	28	40	5	14	13	7	2	1	3	-1	5	-1
37061	39	103	26	8	4	11	13	8	2	-1	2	-1	3	-1
37062	91	22	28	106	6	14	1	6	1	-1	2	-1	2	-1
37063	31	102	15	17	3	8	9	8	2	2	2	-1	-1	-1
37064	32	92	21	18	4	9	11	8	-1	-1	2	-1	-1	-1
37065	35	69	14	4	-1	-1	6	-1	-1	-1	1	-1	-1	-1
37066	87	156	489	40	12	33	10	18	3	2	3	-1	4	-1
37067	97	175	557	45	13	33	8	20	-1	2	4	-1	4	2
37068	57	102	558	20	11	24	2	10	2	1	1	-1	2	-1
LMB-QA	18	56	11	11	-1	-1	2	2	-1	-1	-1	-1	2	-1
LMB-QA	23	64	10	2	-1	-1	2	-1	-1	-1	-1	-1	2	-1
LMB-QA	26	64	18	1	-1	3	3	-1	-1	-1	-1	-1	-1	-1
LMB-QA	25	61	10	6	-1	-1	1	2	-1	-1	-1	-1	-1	-1
LMB-QA	24	61	18	7	-1	-1	2	-1	-1	-1	-1	-1	-1	-1

SOIL GAS HYDROCARBONS (SGH) by GC/MS

A10-5183 - Date: September 20, 2010 - Activation Laboratories Ltd.

Results represent only the material tested. Actlabs is not liable for any claim/damage from use of this report in excess of the test cost. Unless requested samples are discarded in 90 days.

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Excalibur Resources Ltd. - Jim Kendall

Sturgeon Lake Project Site

Results represent only the material tested. Actlabs is not liable for any claim/damage from use of this report in excess of the test cost. Unless requested samples are discarded in 90 days. This report is only to be reproduced in full.

001-LA 002-LA 003-LB 004-LA 005-LB 006-LB 007-LA 008-LB 009-LB 010-LB 011-LA 012-LB 013-LBA 014-LB

R=Replicate Sample
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)
LMB-QA = Laboratory Materials Blank - Quality Assurance

LEGEND FOR COLUMN HEADINGS - SGH COMPOUND CLASSES

LA, HA, LBA, HBA = ALKYL-ALKANES
LB, HB, LPB, HPB = ALKYL-BENZENES
LAR, MAR, HAR = ALKYL-AROMATICS
LBI, MBI, HBI, LPH, MPH, HPH = ALKYL-POLYAROMATICS
THI = ALKYL-DIVINYLENE SULPHIDES
ALK = ALKYL-ALKENES

	015-LAR	016-LB	017-LB	018-LB	019-LB	020-LA	021-LPH	022-LBA	023-LAR	024-LB	025-LAR	026-LBA	027-LB	028-ALK
36821	-1	2	2	2	2	3	-1	-1	-1	-1	-1	3	-1	1
36822	-1	3	5	5	3	6	-1	6	-1	-1	-1	4	1	2
36823	-1	3	5	5	3	6	-1	6	-1	-1	-1	4	1	2
36824	-1	-1	2	2	-1	2	-1	1	-1	-1	-1	-1	-1	-1
36825	-1	2	2	2	2	5	-1	5	-1	-1	-1	-1	-1	2
36825-R	-1	2	3	4	2	4	-1	5	-1	-1	-1	3	1	3
36826	-1	3	3	3	3	7	-1	9	-1	-1	-1	4	2	3
36827	-1	1	2	2	1	5	-1	6	-1	-1	-1	3	-1	2
36828	-1	2	3	3	2	6	-1	7	-1	-1	-1	4	-1	2
36829	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	3	-1	2
36830	-1	1	2	3	2	2	-1	2	-1	-1	-1	-1	-1	-1
36831	-1	-1	2	2	-1	2	-1	2	-1	-1	-1	-1	-1	-1
36832	-1	1	2	2	1	4	-1	1	-1	-1	-1	3	-1	2
36833	-1	1	2	3	2	3	-1	-1	-1	-1	-1	2	1	1
36834	-1	2	3	4	2	5	-1	4	-1	-1	-1	3	-1	1
36835	-1	2	4	4	2	4	-1	-1	-1	-1	-1	4	-1	2
36836	1	3	4	4	2	4	-1	3	-1	-1	-1	4	-1	2
36837	-1	1	1	1	1	3	-1	2	-1	-1	-1	2	-1	1
36838	-1	1	2	2	-1	2	-1	2	-1	-1	-1	2	-1	1
36839	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
36840	-1	-1	1	1	-1	3	-1	3	-1	-1	-1	2	-1	-1
36840-R	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1
36841	-1	-1	1	1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
36842	-1	-1	2	2	2	3	-1	4	-1	-1	-1	2	-1	-1
36843	-1	1	-1	1	1	3	-1	4	-1	-1	-1	3	-1	1
36844	-1	-1	1	1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
36845	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
36846	-1	2	3	3	2	4	-1	3	-1	-1	-1	3	-1	1
36847	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	2	-1	-1
36848	-1	3	5	6	3	6	-1	5	-1	-1	-1	5	2	2
36849	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	1	-1	-1
36850	-1	-1	2	2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
36870	-1	-1	2	2	-1	3	-1	4	-1	-1	-1	2	-1	1
36871	-1	2	3	4	2	5	-1	6	-1	-1	-1	3	-1	2
36872	-1	1	2	2	1	4	-1	5	-1	-1	-1	3	-1	2
36873	-1	1	2	2	-1	3	-1	4	-1	-1	-1	2	-1	2
36874	-1	-1	1	1	-1	2	-1	3	-1	-1	-1	2	-1	1
36874-R	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	2	-1	1
36875	-1	1	2	3	2	4	-1	4	-1	-1	-1	2	-1	2
36876	-1	2	3	3	2	6	-1	7	-1	-1	-1	2	1	2
36877	-1	-1	2	1	1	4	-1	5	-1	-1	-1	1	-1	1
36878	-1	-1	1	1	-1	3	-1	3	-1	-1	-1	-1	-1	1
36879	-1	1	2	2	2	3	-1	5	-1	-1	-1	3	-1	1
36880	-1	-1	2	2	1	3	-1	2	-1	-1	-1	3	-1	2
36881	1	2	3	3	2	5	-1	5	-1	-1	-1	3	1	2
36882	-1	2	3	3	2	7	-1	10	-1	-1	-1	5	1	3
36883	-1	-1	-1	-1	-1	4	-1	5	-1	-1	-1	1	-1	2
36884	-1	1	1	2	1	4	-1	4	-1	-1	-1	2	-1	2
36885	-1	-1	-1	-1	1	3	-1	3	-1	-1	-1	-1	-1	2
36886	-1	1	2	2	1	4	-1	4	-1	-1	-1	1	-1	2
36887	-1	-1	1	1	-1	4	-1	4	-1	-1	-1	3	-1	2
36888	-1	-1	1	2	-1	3	-1	3	-1	-1	-1	-1	-1	1
36889	-1	-1	1	1	1	3	-1	3	-1	-1	-1	1	-1	-1
36889-R	-1	-1	1	2	-1	3	-1	3	-1	-1	-1	-1	-1	-1

	.015-LAR	.016-LB	.017-LB	.018-LB	.019-LB	.020-LA	.021-LPH	.022-LBA	.023-LAR	.024-LB	.025-LAR	.026-LBA	.027-LB	.028-ALK
36890	-1	-1	1	1	-1	4	-1	4	-1	-1	-1	1	-1	-1
36891	-1	-1	1	-1	-1	3	-1	3	-1	-1	-1	-1	-1	1
36892	-1	2	3	3	2	6	-1	7	1	-1	-1	4	1	3
36893	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
36894	-1	-1	1	-1	-1	3	-1	3	-1	-1	-1	-1	-1	-1
36895	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
36896	-1	1	2	2	1	3	-1	4	-1	-1	-1	2	-1	1
36897	-1	1	1	-1	-1	4	-1	5	-1	-1	-1	-1	-1	-1
36898	-1	1	2	2	1	3	-1	4	-1	-1	-1	-1	-1	2
36899	-1	2	4	-4	-2	6	-1	5	-1	-1	-1	4	-1	3
36900	-1	1	2	2	1	5	-1	6	-1	-1	-1	3	-1	2
36901	-1	2	4	-4	-2	5	-1	6	-1	-1	-1	-1	-1	3
36902	-1	1	2	2	1	3	-1	4	-1	-1	-1	2	-1	2
36903	-1	1	2	-2	-1	4	-1	1	-1	-1	-1	3	-1	-1
36904	-1	-1	2	2	-1	2	-1	2	-1	-1	-1	2	-1	1
36904-R	-1	-1	1	-2	-1	3	-1	3	-1	-1	-1	2	-1	1
36905	-1	-1	1	1	-1	2	-1	3	-1	-1	-1	-1	-1	1
36906	-1	-1	1	-1	-1	3	-1	2	-1	-1	-1	2	-1	-1
36907	-1	1	2	2	1	4	-1	-1	-1	-1	-1	2	-1	-1
36908	-1	1	2	2	1	4	-1	1	-1	-1	-1	2	-1	2
36909	-1	1	1	1	1	3	-1	1	-1	-1	-1	2	-1	2
36910	-1	-1	1	1	-1	3	-1	3	-1	-1	-1	1	-1	2
36911	-1	-1	2	2	1	4	-1	5	-1	-1	-1	2	-1	2
36912	-1	1	2	2	1	2	-1	1	-1	-1	-1	2	-1	1
36913	-1	2	3	3	2	3	-1	3	-1	-1	-1	-1	-1	-1
36914	-1	1	2	-2	-1	3	-1	4	-1	-1	-1	2	-1	1
36915	-1	-1	1	1	-1	3	-1	3	-1	-1	-1	2	-1	1
36916	-1	-1	1	-1	-1	3	-1	4	-1	-1	-1	-1	-1	2
36917	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
36918	-1	1	1	-2	-2	4	-1	4	-1	-1	-1	2	-1	-1
36919	-1	1	1	1	1	4	-1	4	-1	-1	-1	2	-1	1
36919-R	-1	1	2	-2	-1	4	-1	3	-1	-1	-1	2	-1	-1
36920	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
36921	-1	-1	1	-1	-1	3	-1	-1	-1	-1	-1	2	-1	-1
36922	-1	-1	1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
36923	-1	-1	2	-2	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
36924	-1	-1	1	1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
36925	-1	2	3	3	2	4	-1	5	-1	-1	-1	2	-1	1
36926	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
36927	-1	1	2	2	-1	3	-1	-1	-1	-1	-1	2	-1	2
36928	-1	1	2	2	1	5	-1	5	-1	-1	-1	1	-1	1
36929	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
36930	-1	-1	1	2	-1	2	-1	1	-1	-1	-1	-1	-1	-1
36931	-1	-1	1	1	-1	2	-1	-1	-1	-1	-1	1	-1	1
36932	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	1	-1	-1
36933	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1
36934	-1	-1	1	1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1
36934-R	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	1	-1	-1
36935	-1	2	2	2	1	2	-1	3	-1	-1	-1	2	-1	1
36936	-1	2	-1	-1	-1	4	-1	4	-1	-1	-1	4	-1	1
36937	-1	-1	1	1	-1	1	-1	1	-1	-1	-1	1	-1	-1
36938	-1	-1	1	-1	-1	2	-1	2	-1	-1	-1	2	-1	-1
36939	-1	1	2	2	1	1	-1	2	-1	-1	-1	2	-1	1
36940	-1	-1	1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.015-LAR	.016-LB	.017-LB	.018-LB	.019-LB	.020-LA	.021-LPH	.022-LBA	.023-LAR	.024-LB	.025-LAR	.026-LBA	.027-LB	.028-ALK
36981	-1	1	2	2	1	3	-1	4	-1	-1	-1	2	2	2
36982	-1	-1	2	1	-1	2	-1	2	-1	-1	-1	1	-1	1
36983	-1	-1	1	1	-1	3	-1	4	-1	-1	-1	2	-1	1
36984	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	2	-1	2
36985	-1	2	-1	-1	2	3	-1	3	-1	-1	-1	2	-1	1
36986	-1	-1	-1	-1	-1	2	-1	1	-1	-1	-1	2	-1	1
36987	-1	1	2	2	2	2	-1	1	-1	-1	-1	1	-1	1
36988	-1	1	2	2	1	2	-1	2	-1	-1	-1	2	-1	1
36989	-1	2	2	2	2	5	-1	3	-1	-1	-1	3	1	2
36989-R	-1	2	2	2	2	3	-1	3	-1	-1	-1	2	-1	2
36990	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	2	-1	1
36991	-1	-1	2	2	-1	3	-1	3	-1	-1	-1	-1	-1	-1
36992	-1	1	2	2	1	3	-1	3	-1	-1	-1	1	-1	2
36993	1	1	2	2	-1	2	-1	2	-1	-1	-1	2	-1	1
36994	-1	1	2	1	-1	2	-1	1	-1	-1	-1	-1	-1	1
36995	-1	2	1	2	2	5	-1	3	-1	-1	-1	4	-1	2
36996	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	2	-1	1
36997	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	2	-1	1
36998	-1	1	2	2	1	4	-1	5	-1	-1	-1	1	-1	2
36999	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	1	-1	-1
37000	-1	-1	1	2	2	2	-1	3	-1	-1	-1	-1	-1	-1
37053	-1	-1	1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
37054	-1	1	2	2	1	3	-1	-1	-1	-1	-1	2	-1	1
37055	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
37056	-1	-1	2	2	2	2	-1	3	-1	-1	-1	-1	-1	-1
37056-R	-1	-1	1	1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1
37057	-1	-1	1	2	1	-1	-1	-1	-1	-1	-1	-1	-1	-1
37058	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
37059	-1	-1	1	1	-1	2	-1	3	-1	-1	-1	2	-1	1
37060	-1	-1	1	1	-1	2	-1	3	-1	-1	-1	2	-1	1
37061	-1	1	2	1	-1	2	-1	2	-1	-1	-1	2	-1	-1
37062	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
37063	-1	1	2	2	1	1	-1	-1	-1	-1	-1	2	-1	1
37064	-1	2	2	2	-1	2	-1	-1	-1	-1	-1	2	-1	1
37065	-1	1	2	2	-1	2	-1	1	-1	-1	-1	2	-1	2
37066	-1	1	2	2	-1	2	-1	2	-1	-1	-1	-1	-1	1
37067	-1	1	2	2	1	2	-1	2	-1	-1	-1	1	-1	-1
37068	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

	.015-LAR	.016-LB	.017-LB	.018-LB	.019-LB	.020-LA	.021-LPH	.022-LBA	.023-LAR	.024-LB	.025-LAR	.026-LBA	.027-LB	.028-ALK
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	.029-HB	.030-HB	.031-HB	.032-HB	.033-HB	.034-HB	.035-LAR	.036-LBA	.037-HB	.038-LBA	.039-LAR	.040-LPB	.041-LBA	.042-LPB
36821	-1	-1	1	-1	-1	-1	-1	3	1	3	1	-1	2	-1
36822	-1	-1	1	-1	-1	-1	-1	3	-1	5	2	-1	4	-1
36823	2	1	-1	1	-1	-1	-1	4	1	8	2	-1	8	-1
36824	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	3	-1
36825	-1	1	-1	-1	-1	-1	-1	6	-1	6	1	-1	6	-1
36825-R	-1	1	-1	-1	-1	-1	-1	6	-1	7	1	-1	7	-1
36826	2	2	-1	1	-1	-1	-1	8	2	9	1	-1	1	-1
36827	-1	-1	-1	-1	-1	-1	-1	5	-1	6	-1	-1	6	-1
36828	-1	1	-1	-1	-1	-1	-1	5	1	7	1	-1	6	-1
36829	-1	-1	-1	-1	-1	-1	-1	3	-1	5	-1	-1	5	-1
36830	-1	-1	1	1	-1	-1	-1	2	-1	2	-1	-1	-1	-1
36831	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-2	-1
36832	-1	-1	-1	-1	-1	-1	-1	4	-1	5	-1	-1	2	-1
36833	-1	-1	1	1	-1	-1	-1	1	-1	1	-1	-1	-2	-1
36834	-1	-1	1	-1	-1	-1	-1	3	-1	3	1	-1	5	-1
36835	1	1	1	-1	-1	-1	-1	4	1	4	-1	-1	4	-1
36836	-1	1	-1	-1	-1	-1	-1	5	1	8	1	-1	8	-1
36837	-1	-1	1	1	-1	-1	-1	3	-1	2	-1	-1	4	-1
36838	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36839	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36840	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
36840-R	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36841	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
36842	-1	-1	-1	-1	-1	-1	-1	1	-1	4	-1	-1	4	-1
36843	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	2	-1
36844	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	-1
36845	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	1	-1
36846	1	-1	1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36847	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36848	-1	1	-1	-1	-1	-1	-1	4	2	8	-1	-1	8	-1
36849	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	2	-1
36850	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-2	-1
36870	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36871	1	1	-1	-1	-1	-1	-1	4	-1	7	-1	-1	6	-1
36872	-1	-1	-1	-1	-1	-1	-1	4	-1	5	-1	-1	5	-1
36873	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1
36874	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36874-R	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36875	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	2	-1
36876	-1	-1	1	-1	-1	-1	-1	6	-1	7	-1	-1	7	-1
36877	-1	-1	-1	-1	-1	-1	-1	4	-1	5	-1	-1	5	-1
36878	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36879	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1
36880	-1	-1	-1	-1	-1	-1	-1	5	-1	5	-1	-1	5	-1
36881	1	-1	1	-1	-1	-1	-1	1	-1	7	-1	-1	7	-1
36882	-1	-1	-1	-1	-1	-1	-1	9	-1	10	-1	-1	9	-1
36883	-1	-1	-1	-1	-1	-1	-1	4	-1	5	-1	-1	-1	-1
36884	-1	-1	1	-1	-1	-1	-1	4	-1	5	-1	-1	5	-1
36885	-1	-1	-1	-1	-1	-1	-1	5	-1	5	-1	-1	5	-1
36886	-1	-1	-1	-1	-1	-1	-1	2	-1	6	-1	-1	6	-1
36887	-1	-1	-1	-1	-1	-1	-1	3	-1	5	-1	-1	4	-1
36888	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36889	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36889-R	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1

	.029-HB	.030-HB	.031-HB	.032-HB	.033-HB	.034-HB	.035-LAR	.036-LBA	.037-HB	.038-LBA	.039-LAR	.040-LPB	.041-LBA	.042-LPB
36890	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36891	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	4	-1
36892	-1	-1	1	-1	-1	-1	-1	6	1	7	-1	-1	4	-1
36893	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
36894	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36895	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
36896	-1	-1	-1	-1	-1	-1	-1	3	-1	4	1	-1	3	-1
36897	-1	-1	-1	-1	-1	-1	-1	4	-1	6	-1	-1	5	-1
36898	-1	-1	-1	-1	-1	-1	-1	3	-1	5	-1	-1	4	-1
36899	-1	-1	-1	-1	-1	-1	-1	5	-1	8	-1	-1	8	-1
36900	-1	-1	-1	-1	-1	-1	-1	5	-1	6	-1	-1	6	-1
36901	-1	-1	-1	-1	-1	-1	-1	5	-1	7	-1	-1	7	-1
36902	-1	-1	-1	-1	-1	-1	-1	1	-1	4	-1	-1	4	-1
36903	-1	-1	-1	-1	-1	-1	-1	4	-1	6	-1	-1	5	-1
36904	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36904-R	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36905	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36906	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36907	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36908	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1
36909	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36910	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36911	-1	-1	-1	-1	-1	-1	-1	4	-1	5	-1	-1	4	-1
36912	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36913	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36914	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36915	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36916	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36917	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
36918	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36919	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36919-R	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36920	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
36921	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36922	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36923	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
36924	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	2	-1
36925	-1	-1	-1	-1	-1	-1	-1	4	-1	3	-1	-1	3	-1
36926	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
36927	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	3	-1
36928	-1	-1	-1	-1	-1	-1	-1	3	-1	5	-1	-1	4	-1
36929	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
36930	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
36931	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36932	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
36933	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
36934	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	1	-1
36934-R	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
36935	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	1	-1
36936	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
36937	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	1	-1
36938	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36939	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
36940	-1	-1	-1	-1	-1	-1	-1	1	-1	3	-1	-1	2	-1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.029-HB	.030-HB	.031-HB	.032-HB	.033-HB	.034-HB	.035-LAR	.036-LBA	.037-HB	.038-LBA	.039-LAR	.040-LPB	.041-LBA	.042-LPB
36981	-1	-1	1	-1	-1	-1	-1	4	-1	4	1	-1	4	-1
36982	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
36983	-1	-1	-1	-1	-1	-1	-1	2	-1	4	-1	-1	3	-1
36984	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36985	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36986	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36987	-1	-1	-1	-1	-1	-1	-1	3	-1	2	-1	-1	2	-1
36988	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	2	-1
36989	1	-1	-1	-1	-1	-1	-1	4	-1	3	-1	-1	5	-1
36989-R	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
36990	-1	-1	-1	-1	-1	-1	-1	1	-1	3	-1	-1	3	-1
36991	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
36992	-1	-1	-1	-1	-1	-1	-1	4	-1	4	-1	-1	4	-1
36993	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36994	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
36995	-1	-1	1	-1	-1	-1	-1	6	-1	7	-1	-1	3	-1
36996	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
36997	-1	-1	-1	-1	-1	-1	-1	1	-1	3	-1	-1	3	-1
36998	-1	-1	1	-1	-1	-1	-1	3	-1	5	-1	-1	4	-1
36999	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
37000	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
37053	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	2	-1
37054	-1	-1	-1	-1	-1	-1	-1	1	-1	4	-1	-1	3	-1
37055	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
37056	-1	-1	-1	-1	-1	-1	-1	1	-1	4	-1	-1	3	-1
37056-R	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
37057	-1	-1	-1	-1	-1	-1	-1	1	-1	3	-1	-1	2	-1
37058	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
37059	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	2	-1
37060	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	3	-1
37061	-1	-1	-1	-1	-1	-1	-1	1	-1	3	-1	-1	3	-1
37062	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
37063	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
37064	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	2	-1
37065	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	3	-1
37066	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
37067	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
37068	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
LMB-QA	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

029-HB	030-HB	031-HB	032-HB	033-HB	034-HB	035-LAR	036-LBA	037-HB	038-LBA	039-LAR	040-LPB	041-LBA	042-LPB
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	.043-HB	.044-HB	.045-LA	.046-LPH	.047-LBA	.048-HB	.049-HB	.050-LBA	.051-LBI	.052-LPB	.053-LPB	.054-HB	.055-LPB	.056-LBI
36821	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36822	-1	-1	12	-1	6	-1	-1	5	-1	-1	-1	-1	-1	-1
36823	-1	-1	13	-1	7	-1	-1	5	-1	-1	-1	-1	-1	-1
36824	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36825	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36825-R	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36826	-1	-1	13	-1	6	-1	1	5	-1	-1	-1	-1	-1	-1
36827	-1	-1	9	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36828	-1	-1	10	-1	4	-1	-1	4	-1	-1	-1	-1	-1	-1
36829	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36830	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36831	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36832	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36833	-1	-1	8	-1	6	-1	-1	4	-1	-1	-1	-1	-1	-1
36834	-1	-1	10	-1	4	-1	-1	4	-1	-1	-1	-1	-1	-1
36835	-1	-1	9	-1	5	-1	-1	4	-1	-1	-1	-1	-1	-1
36836	-1	-1	13	-1	6	-1	-1	5	-1	-1	-1	-1	-1	-1
36837	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36838	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36839	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36840	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36840-R	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36841	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36842	-1	-1	7	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36843	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36844	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36845	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36846	-1	-1	6	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36847	-1	-1	4	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36848	-1	-1	13	-1	7	-1	-1	5	-1	-1	-1	-1	-1	-1
36849	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36850	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36870	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36871	-1	-1	11	-1	6	-1	-1	4	-1	-1	-1	-1	-1	-1
36872	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36873	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36874	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36874-R	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36875	-1	-1	6	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36876	-1	-1	11	-1	5	-1	-1	4	-1	-1	-1	-1	-1	-1
36877	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36878	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36879	-1	-1	5	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36880	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36881	-1	-1	8	-1	5	-1	-1	4	-1	-1	-1	-1	-1	-1
36882	-1	-1	15	-1	8	-1	-1	5	-1	-1	-1	-1	-1	-1
36883	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36884	-1	-1	7	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36885	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36886	-1	-1	7	-1	4	-1	-1	4	-1	-1	-1	-1	-1	-1
36887	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36888	-1	-1	4	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36889	-1	-1	4	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36889-R	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.043: HB	.044: HB	.045: LA	.046: LPH	.047: LBA	.048: HB	.049: HB	.050: LBA	.051: LBI	.052: LPB	.053: LPB	.054: HB	.055: LPB	.056: LBI
36890	-1	-1	5	-1	2	-1	-1	3	-1	-1	-1	-1	-1	-1
36891	-1	-1	5	-1	1	-1	-1	3	-1	-1	-1	-1	-1	-1
36892	-1	-1	10	-1	5	-1	-1	4	-1	-1	-1	-1	-1	-1
36893	-1	-1	3	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36894	-1	-1	4	-1	1	-1	-1	2	-1	-1	-1	-1	-1	-1
36895	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36896	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36897	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36898	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36899	-1	-1	10	-1	5	-1	-1	4	-1	-1	-1	-1	-1	-1
36900	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36901	-1	-1	9	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36902	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36903	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36904	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36904-R	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36905	-1	-1	4	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36906	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36907	-1	-1	7	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36908	-1	-1	6	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36909	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36910	-1	-1	5	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36911	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36912	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36913	-1	-1	4	-1	1	-1	-1	2	-1	-1	-1	-1	-1	-1
36914	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36915	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36916	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36917	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36918	-1	-1	5	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36919	-1	-1	7	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36919-R	-1	-1	6	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36920	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36921	-1	-1	5	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36922	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36923	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36924	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36925	-1	-1	7	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36926	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36927	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36928	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36929	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36930	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36931	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36932	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36933	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36934	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
36934-R	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36935	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36936	-1	-1	7	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36937	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36938	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36939	-1	-1	2	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36940	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1

	.043: HB	.044: HB	.045: LA	.046: LPH	.047: LBA	.048: HB	.049: HB	.050: LBA	.051: LBI	.052: LPB	.053: LPB	.054: HB	.055: LPB	.056: LBI
36981	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36982	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36983	-1	-1	5	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36984	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36985	-1	-1	4	-1	3	-1	-1	2	-1	-1	-1	-1	-1	-1
36986	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36987	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36988	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36989	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36989-R	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36990	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36991	-1	-1	5	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36992	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36993	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36994	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36995	-1	-1	8	-1	4	-1	-1	3	-1	-1	-1	-1	-1	-1
36996	-1	-1	2	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
36997	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
36998	-1	-1	6	-1	3	-1	-1	3	-1	-1	-1	-1	-1	-1
36999	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
37000	-1	-1	4	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
37053	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
37054	-1	-1	5	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37055	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
37056	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37056-R	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37057	-1	-1	2	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37058	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
37059	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
37060	-1	-1	4	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37061	-1	-1	3	-1	2	-1	-1	1	-1	-1	-1	-1	-1	-1
37062	-1	-1	3	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
37063	-1	-1	2	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37064	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37065	-1	-1	2	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37066	-1	-1	2	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37067	-1	-1	3	-1	2	-1	-1	2	-1	-1	-1	-1	-1	-1
37068	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	2	-1	1	-1	-1	1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
LMB-QA	-1	-1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

043-HB	044-HB	045-LA	046-LPH	047-LBA	048-HB	049-HB	050-LBA	051-LBI	052-LPB	053-LPB	054-HB	055-LPB	056-LBI
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	.057-.ALK.	.058-.LPB.	.059-.LPB.	.060-.LPH.	.061-.LBI.	.062-.LBA.	.063-.LPH.	.064-.LBA.	.065-.HPB.	.066-.LBA.	.067-.LBI.	.068-.HPB.	.069-.LA.	.070-.HPB.
36821	-1	-1	-1	-1	1	6	2	6	1	9	-1	1	13	2
36822	-1	-1	-1	-1	1	9	3	9	-1	11	-1	2	21	2
36823	-1	-1	-1	-1	1	10	4	10	1	13	1	2	22	3
36824	-1	-1	-1	-1	-1	4	1	4	-1	6	-1	-1	9	1
36825	-1	-1	-1	-1	1	5	3	5	2	8	-1	1	7	2
36825-R	-1	-1	-1	-1	1	7	4	6	-1	9	-1	2	9	3
36826	-1	-1	-1	-1	1	9	4	9	1	12	1	2	15	4
36827	-1	-1	-1	-1	1	6	2	7	1	9	-1	1	12	2
36828	-1	-1	-1	-1	1	7	3	7	-1	9	1	2	14	2
36829	-1	-1	-1	-1	1	6	1	6	-1	9	-1	-1	15	1
36830	-1	-1	-1	-1	1	3	1	4	1	5	-1	-1	5	1
36831	-1	-1	-1	-1	-1	4	1	3	-1	4	-1	-1	7	1
36832	-1	-1	-1	-1	1	4	1	5	-1	7	1	1	10	1
36833	-1	-1	-1	-1	1	7	1	7	-1	10	-1	-1	15	2
36834	-1	-1	-1	-1	1	7	2	7	-1	9	1	1	15	2
36835	-1	-1	-1	-1	1	8	2	8	2	9	-1	2	14	2
36836	-1	-1	-1	-1	2	10	3	11	2	15	2	1	22	2
36837	-1	-1	-1	-1	1	6	1	6	1	7	1	1	12	1
36838	-1	-1	-1	-1	1	5	1	5	-1	6	1	-1	10	1
36839	-1	-1	-1	-1	1	4	-1	4	-1	6	-1	-1	10	1
36840	-1	-1	-1	-1	-1	4	-1	4	1	5	-1	-1	9	1
36840-R	-1	-1	-1	-1	-1	4	-1	4	-1	6	-1	-1	10	1
36841	-1	-1	-1	-1	-1	3	-1	3	-1	2	-1	-1	6	-1
36842	-1	-1	-1	-1	1	7	1	7	-1	9	-1	1	18	1
36843	-1	-1	-1	-1	1	5	1	5	-1	8	-1	1	9	1
36844	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	2	-1
36845	-1	-1	-1	-1	-1	4	-1	4	-1	5	-1	-1	9	-1
36846	-1	-1	-1	-1	1	6	2	6	-1	10	-1	1	13	2
36847	-1	-1	-1	-1	-1	3	-1	4	-1	5	-1	-1	6	-1
36848	-1	-1	-1	-1	2	11	3	10	-1	15	-1	2	23	3
36849	-1	-1	-1	-1	-1	4	-1	4	1	5	-1	-1	8	-1
36850	-1	-1	-1	-1	-1	4	-1	4	-1	6	-1	-1	10	-1
36870	-1	-1	-1	-1	1	5	2	5	1	6	1	1	9	2
36871	-1	-1	-1	-1	-1	8	3	8	-1	11	-1	2	18	3
36872	-1	-1	-1	-1	1	5	2	5	-1	7	-1	1	7	2
36873	-1	-1	-1	-1	-1	5	2	5	-1	6	-1	-1	9	1
36874	-1	-1	-1	-1	1	4	1	4	1	5	-1	1	6	1
36874-R	-1	-1	-1	-1	-1	4	1	4	-1	4	-1	-1	6	1
36875	-1	-1	-1	-1	-1	5	2	5	1	7	-1	1	9	2
36876	-1	-1	-1	-1	1	8	2	8	2	12	1	1	15	2
36877	-1	-1	-1	-1	1	5	1	5	-1	-1	-1	1	11	1
36878	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	6	-1
36879	-1	-1	-1	-1	-1	4	1	4	1	6	1	-1	8	1
36880	-1	-1	-1	-1	1	5	2	6	-1	8	-1	1	10	1
36881	-1	-1	-1	-1	1	7	2	7	1	10	1	1	13	2
36882	2	1	1	1	2	10	2	11	2	16	1	1	28	2
36883	-1	-1	-1	-1	-1	4	1	4	1	6	-1	-1	9	1
36884	-1	-1	-1	-1	1	5	2	6	1	7	-1	1	8	2
36885	-1	-1	-1	-1	-1	4	1	5	1	7	-1	1	8	1
36886	-1	-1	-1	-1	1	6	2	6	-1	9	-1	1	14	2
36887	1	-1	-1	-1	-1	5	1	6	1	7	-1	1	10	1
36888	-1	-1	-1	-1	-1	4	1	4	-1	6	-1	-1	7	1
36889	-1	-1	-1	-1	-1	4	-1	4	-1	5	1	-1	8	1
36889-R	-1	-1	-1	-1	-1	4	-1	4	-1	4	-1	-1	7	-1

	.057-.ALK.	.058-.LPB.	.059-.LPB.	.060-.LPH.	.061-.LBI.	.062-.LBA.	.063-.LPH.	.064-.LBA.	.065-.HPB.	.066-.LBA.	.067-.LBI.	.068-.HPB.	.069-.LA.	.070-.HPB.
36890	-1	-1	-1	-1	1	4	1	5	1	5	1	-1	9	1
36891	-1	-1	-1	-1	1	4	1	5	1	4	1	-1	8	1
36892	-1	-1	-1	-1	1	8	2	8	1	11	1	1	18	2
36893	-1	-1	-1	-1	1	3	1	3	1	4	1	1	4	1
36894	-1	-1	-1	-1	1	4	1	4	1	3	1	1	7	1
36895	-1	-1	-1	-1	1	3	1	3	1	3	1	1	4	1
36896	-1	-1	-1	-1	1	4	2	4	1	6	1	1	7	1
36897	-1	-1	-1	-1	1	5	2	5	1	6	1	1	8	1
36898	-1	-1	-1	-1	1	4	1	5	1	6	1	1	7	1
36899	-1	-1	-1	-1	1	8	2	8	1	10	1	1	12	2
36900	-1	-1	-1	-1	1	5	2	5	1	9	1	1	9	1
36901	-1	-1	-1	-1	1	7	2	6	1	8	1	1	8	2
36902	-1	-1	-1	-1	1	5	1	6	1	7	1	1	10	1
36903	-1	-1	-1	-1	1	7	2	7	1	8	1	1	10	1
36904	-1	-1	-1	-1	1	4	1	4	1	6	1	1	7	1
36904-R	-1	-1	-1	-1	1	4	1	4	1	6	1	1	8	1
36905	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1
36906	-1	-1	-1	-1	1	6	1	6	1	7	1	1	13	1
36907	-1	-1	-1	-1	1	5	1	5	1	4	1	1	11	1
36908	-1	-1	-1	-1	1	4	1	4	1	6	1	1	7	1
36909	-1	-1	-1	-1	1	5	1	5	1	6	1	1	8	1
36910	-1	-1	-1	-1	1	4	1	4	1	6	1	1	7	1
36911	-1	-1	-1	-1	1	4	1	4	1	5	1	1	6	1
36912	-1	-1	-1	-1	1	4	1	4	1	6	1	1	7	1
36913	-1	-1	-1	-1	1	3	1	4	1	4	1	1	7	1
36914	-1	-1	-1	-1	1	4	1	4	1	6	1	1	7	1
36915	-1	-1	-1	-1	1	4	1	4	1	5	1	1	7	1
36916	-1	-1	-1	-1	1	4	1	4	1	6	1	1	9	1
36917	-1	-1	-1	-1	1	2	1	2	1	1	1	1	3	1
36918	-1	-1	-1	-1	1	5	1	5	1	6	1	1	7	1
36919	-1	-1	-1	-1	1	6	1	5	1	8	1	1	12	1
36919-R	-1	-1	-1	-1	1	5	1	5	1	7	1	1	11	1
36920	-1	-1	-1	-1	1	3	1	3	1	4	1	1	3	1
36921	-1	-1	-1	-1	1	5	1	5	1	6	1	1	11	1
36922	-1	-1	-1	-1	1	6	1	6	1	7	1	1	12	1
36923	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1
36924	-1	-1	-1	-1	1	3	1	3	1	5	1	1	8	1
36925	-1	-1	-1	-1	1	6	1	6	1	7	1	1	13	2
36926	-1	-1	-1	-1	1	3	1	3	1	3	1	1	4	1
36927	-1	-1	-1	-1	1	3	1	3	1	1	1	1	5	1
36928	-1	-1	-1	-1	1	6	1	6	1	7	1	1	13	1
36929	-1	-1	-1	-1	1	5	1	4	1	4	1	1	8	1
36930	-1	-1	-1	-1	1	3	1	3	1	3	1	1	3	1
36931	-1	-1	-1	-1	1	4	1	3	1	4	1	1	6	1
36932	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1
36933	-1	-1	-1	-1	1	2	1	3	1	3	1	1	4	1
36934	-1	-1	-1	-1	1	3	1	3	1	1	1	1	4	1
36934-R	-1	-1	-1	-1	1	4	1	4	1	5	1	1	7	1
36935	-1	-1	-1	-1	1	4	1	4	1	4	1	1	5	1
36936	-1	-1	-1	-1	1	5	1	5	1	7	1	1	10	1
36937	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1
36938	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1
36939	-1	-1	-1	-1	1	4	1	3	1	4	1	1	5	1
36940	-1	-1	-1	-1	1	3	1	3	1	4	1	1	5	1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.057-ALK	.058-LPB	.059-LPB	.060-LPH	.061-LBI	.062-LBA	.063-LPH	.064-LBA	.065-HPB	.066-LBA	.067-LBI	.068-HPB	.069-LA	.070-HPB
36981	-1	-1	-1	-1	-1	4	1	4	1	2	-1	-1	4	1
36982	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	4	1
36983	2	-1	-1	-1	-1	4	-1	4	1	5	-1	-1	7	1
36984	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	5	-1
36985	-1	-1	-1	-1	-1	4	1	4	-1	5	-1	-1	6	1
36986	-1	-1	-1	-1	-1	3	1	3	1	4	-1	-1	6	-1
36987	-1	-1	-1	-1	-1	4	-1	4	-1	4	-1	-1	6	1
36988	-1	-1	-1	-1	-1	4	-1	3	-1	4	-1	-1	5	-1
36989	-1	-1	-1	-1	1	7	1	7	1	9	1	1	12	1
36989-R	-1	-1	-1	-1	-1	6	-1	6	-1	7	-1	-1	9	2
36990	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	4	-1
36991	-1	-1	-1	-1	-1	4	-1	4	-1	2	-1	-1	7	-1
36992	-1	-1	-1	-1	-1	4	1	4	1	5	-1	-1	5	1
36993	1	-1	-1	-1	-1	4	-1	4	-1	5	-1	-1	5	-1
36994	-1	-1	-1	-1	-1	4	-1	4	-1	4	-1	-1	2	1
36995	-1	-1	-1	-1	-1	7	1	7	1	8	-1	-1	10	1
36996	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	2	-1
36997	-1	-1	-1	-1	-1	4	-1	4	-1	5	-1	-1	7	-1
36998	-1	-1	-1	-1	1	6	1	6	1	8	1	-1	11	1
36999	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	4	-1
37000	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	-1	5	-1
37053	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	4	1
37054	-1	-1	-1	-1	1	5	-1	5	1	5	-1	-1	8	-1
37055	-1	-1	-1	-1	-1	2	-1	3	-1	3	-1	-1	3	-1
37056	-1	-1	-1	-1	-1	4	1	4	-1	2	-1	-1	5	-1
37056-R	-1	-1	-1	-1	-1	3	1	4	-1	4	-1	-1	8	-1
37057	-1	-1	-1	-1	-1	6	1	6	-1	-1	1	-1	3	-1
37058	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	4	-1
37059	-1	-1	-1	-1	-1	4	-1	4	-1	5	-1	-1	6	1
37060	-1	-1	-1	-1	-1	4	-1	4	-1	5	-1	-1	8	-1
37061	-1	-1	-1	-1	-1	4	-1	4	-1	4	-1	-1	6	-1
37062	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	5	-1
37063	-1	-1	-1	-1	-1	4	1	4	1	5	-1	-1	3	1
37064	-1	-1	-1	-1	-1	4	1	4	-1	5	-1	-1	5	-1
37065	-1	-1	-1	-1	-1	4	1	3	1	4	-1	-1	5	1
37066	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	5	-1
37067	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	5	-1
37068	-1	-1	-1	-1	-1	2	-1	3	-1	2	-1	-1	4	-1
LMB-QA	-1	-1	-1	-1	-1	3	-1	3	-1	4	-1	-1	1	-1
LMB-QA	-1	-1	-1	-1	-1	2	-1	2	-1	3	-1	-1	4	-1
LMB-QA	-1	-1	-1	-1	-1	2	-1	2	-1	3	-1	-1	3	-1
LMB-QA	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	-1
LMB-QA	-1	-1	-1	-1	-1	3	-1	3	-1	3	-1	-1	6	-1

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

	057-ALK	058-LPB	059-LPB	060-LPH	061-LBI	062-LBA	063-LPH	064-LBA	065-HPB	066-LBA	067-LBI	068-HPB	069-LA	070-HPB
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	.071 -HPB	.072 -HPB	.073 -HBA	.074 -HBA	.075 -HPB	.076 -LPH	.077 -MAR	.078 -ALK	.079 -LBI	.080 -LPH	.081 -MAR	.082 -LPH	.083 -HBA	.084 -HBA
36821	2	2	9	9	1	1	1	-1	-1	2	2	2	4	2
36822	3	3	9	10	2	2	1	3	-1	2	3	2	15	2
36823	3	3	11	12	2	2	1	4	-1	2	4	2	6	2
36824	1	1	7	5	1	1	-1	3	-1	1	1	2	2	2
36825	2	2	5	7	2	2	1	2	-1	2	3	2	9	2
36825-R	3	3	7	7	2	2	1	3	-1	3	4	2	9	2
36826	4	4	9	11	-1	2	2	4	-1	3	5	3	17	3
36827	2	2	7	7	-1	2	1	3	-1	3	3	2	8	2
36828	2	2	8	8	2	1	1	1	-1	2	3	2	6	2
36829	1	1	12	11	-1	-1	1	3	-1	2	2	2	4	2
36830	1	1	4	4	1	-1	-1	1	-1	1	2	2	8	1
36831	1	1	4	4	-1	-1	-1	2	-1	1	1	2	5	2
36832	1	1	5	1	1	1	1	1	-1	2	2	2	10	2
36833	2	2	10	8	-1	-1	1	4	-1	2	3	2	4	2
36834	2	2	8	10	-1	1	1	3	-1	2	2	2	5	2
36835	2	2	10	12	-1	2	1	2	-1	2	2	2	5	2
36836	2	2	16	19	-1	2	2	4	1	3	4	3	6	2
36837	1	1	8	9	1	1	1	3	-1	2	2	2	5	2
36838	1	1	8	10	1	1	-1	-1	-1	1	2	2	-1	1
36839	1	1	6	-1	1	1	-1	2	-1	1	2	2	11	1
36840	1	1	5	5	1	1	-1	2	-1	1	2	2	9	1
36840-R	1	1	5	6	1	1	-1	2	-1	1	2	2	3	1
36841	-1	-1	4	4	-1	-1	-1	2	-1	1	2	2	-1	1
36842	1	1	8	9	1	-1	-1	3	-1	1	2	2	9	2
36843	1	1	6	6	1	1	1	2	-1	1	2	2	10	2
36844	1	1	4	4	-1	-1	-1	2	-1	1	2	2	4	1
36845	-1	-1	8	4	1	-1	-1	4	-1	1	1	2	-1	1
36846	2	2	7	9	-1	-1	-1	3	-1	2	2	2	4	2
36847	-1	1	4	3	1	-1	-1	1	-1	1	1	2	5	1
36848	3	3	13	14	2	2	2	4	-1	3	3	2	9	2
36849	-1	-1	6	6	-1	-1	-1	3	-1	1	1	2	4	1
36850	1	1	6	6	-1	-1	-1	2	-1	1	1	2	2	2
36870	2	2	5	7	1	1	1	2	-1	2	2	2	7	2
36871	3	3	9	11	-2	-1	-1	3	-1	2	4	3	18	2
36872	2	2	5	6	1	1	-1	2	-1	2	3	2	5	2
36873	1	2	5	5	1	1	-1	1	-1	2	2	2	-1	2
36874	1	1	4	5	1	1	-1	2	-1	1	2	2	6	2
36874-R	1	1	4	4	1	-1	-1	1	-1	1	2	2	4	1
36875	2	2	5	6	1	1	-1	2	-1	2	2	2	1	2
36876	2	2	7	9	2	2	1	4	-1	2	3	2	11	2
36877	1	1	5	5	1	-1	-1	2	-1	1	2	2	7	2
36878	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	4	1
36879	1	1	4	4	1	-1	-1	2	-1	1	2	1	5	1
36880	-1	-1	6	5	1	1	-1	2	-1	2	2	2	5	2
36881	2	2	8	9	1	1	1	3	-1	2	2	2	3	2
36882	2	2	11	14	2	2	1	5	-1	3	3	3	23	3
36883	1	1	5	6	1	1	-1	2	-1	2	2	2	5	2
36884	2	2	5	6	1	1	-1	2	-1	2	2	2	4	2
36885	1	1	6	6	1	-1	-1	2	-1	2	2	2	2	2
36886	2	2	7	9	2	1	1	3	-1	2	3	2	9	2
36887	1	1	5	6	1	1	1	2	-1	1	2	2	8	1
36888	1	1	3	4	-1	-1	-1	2	-1	1	1	1	4	1
36889	1	1	4	3	-1	-1	-1	1	-1	1	2	2	7	1
36889-R	1	1	3	3	-1	-1	-1	1	-1	1	1	2	5	1

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.071-HPB	.072-HPB	.073-HBA	.074-HBA	.075-HPB	.076-LPH	.077-MAR	.078-ALK	.079-LBI	.080-LPH	.081-MAR	.082-LPH	.083-HBA	.084-HBA
36890	-1	-1	4	5	1	-1	-1	2	-1	1	1	2	5	2
36891	-1	-1	4	4	-1	-1	-1	2	-1	1	2	2	5	1
36892	2	2	8	9	1	1	1	3	-1	2	3	2	13	2
36893	-1	-1	4	4	-1	-1	-1	2	-1	1	1	2	2	1
36894	-1	-1	3	3	-1	-1	-1	1	-1	-1	1	2	7	1
36895	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	3	2
36896	1	1	4	4	1	1	-1	2	-1	2	2	2	3	2
36897	1	1	4	5	-1	-1	-1	2	-1	2	-1	-2	5	2
36898	1	1	4	3	1	1	-1	2	-1	2	2	2	5	2
36899	2	2	6	8	-1	-1	-1	2	-1	2	3	-2	6	2
36900	1	1	6	6	1	1	-1	1	-1	2	2	2	4	1
36901	2	2	5	7	-1	2	1	3	-1	2	3	-2	5	2
36902	1	1	6	7	1	1	-1	2	-1	2	2	2	9	1
36903	1	2	6	6	-1	1	-1	-1	-1	2	2	-2	2	2
36904	1	1	4	5	1	1	-1	2	-1	2	2	2	1	1
36904-R	1	1	3	4	-1	1	-1	2	-1	2	1	-2	4	2
36905	-1	-1	3	4	-1	-1	-1	1	-1	1	1	2	3	1
36906	1	1	7	8	-1	1	1	3	1	1	2	2	4	1
36907	1	1	4	5	1	-1	-1	2	-1	1	1	2	9	2
36908	-1	-1	3	5	1	-1	-1	2	-1	1	-1	2	4	2
36909	1	1	5	6	1	1	1	-1	-1	2	2	2	9	2
36910	-1	-1	4	4	-1	1	-1	-1	-1	2	1	2	4	2
36911	-1	1	3	4	1	1	-1	-1	-1	2	2	2	5	1
36912	-1	1	4	5	-1	-1	-1	2	-1	1	2	2	4	2
36913	1	1	3	3	-1	-1	-1	1	-1	1	2	2	5	2
36914	1	1	5	5	1	1	-1	2	-1	2	1	-2	1	2
36915	1	1	5	4	1	1	-1	2	-1	1	1	2	6	2
36916	1	1	5	4	-1	-1	-1	2	-1	1	1	-2	3	1
36917	-1	-1	2	1	-1	1	-1	1	-1	1	1	2	2	1
36918	1	-1	4	5	-1	-1	-1	2	-1	2	-1	-2	4	2
36919	1	1	6	6	1	-1	-1	2	-1	1	2	2	5	2
36919-R	1	-1	5	6	-1	-1	-1	2	-1	1	2	-2	7	2
36920	-1	-1	3	3	-1	1	-1	1	-1	1	2	2	2	1
36921	-1	-1	7	6	-1	-1	1	2	-1	1	1	-2	8	1
36922	1	1	6	7	1	-1	-1	2	-1	1	1	2	15	2
36923	-1	-1	3	3	-1	-1	-1	1	-1	1	-1	-2	5	2
36924	-1	-1	5	5	-1	-1	-1	2	-1	1	1	2	-1	1
36925	-2	-2	6	7	1	1	1	3	-1	2	2	2	5	2
36926	-1	-1	-1	3	-1	-1	-1	1	-1	1	1	2	4	2
36927	-1	-1	3	3	-1	-1	-1	-1	-1	1	1	2	7	2
36928	1	1	6	6	1	1	1	-1	-1	1	1	2	10	2
36929	-1	-1	-1	4	-1	-1	-1	2	-1	1	1	-2	11	1
36930	-1	-1	2	3	-1	-1	-1	1	-1	1	1	1	4	1
36931	-1	-1	4	5	-1	-1	-1	2	-1	1	1	2	2	1
36932	-1	-1	3	4	-1	-1	-1	2	-1	1	-1	2	3	1
36933	-1	-1	3	-1	-1	-1	-1	1	-1	-1	1	1	4	2
36934	-1	-1	4	4	1	-1	-1	2	-1	1	1	2	3	2
36934-R	-1	-1	4	4	-1	-1	-1	2	-1	1	2	2	4	1
36935	1	1	4	4	1	1	-1	2	-1	1	1	2	4	2
36936	1	1	6	6	1	1	1	1	1	1	2	2	8	1
36937	-1	-1	4	2	-1	1	-1	-1	-1	1	1	2	4	2
36938	-1	-1	3	3	-1	-1	-1	-1	-1	1	-1	-2	3	1
36939	-1	-1	4	4	-1	1	-1	2	-1	2	2	2	5	2
36940	-1	-1	4	4	-1	-1	-1	1	-1	1	-1	-2	5	2

	.071-HPB	.072-HPB	.073-HBA	.074-HBA	.075-HPB	.076-LPH	.077-MAR	.078-ALK	.079-LBI	.080-LPH	.081-MAR	.082-LPH	.083-HBA	.084-HBA
36981	1	1	2	3	1	-1	-1	1	-1	1	1	2	5	1
36982	-1	-1	3	3	-1	-1	-1	-1	-1	1	1	2	4	1
36983	1	1	3	3	-1	-1	-1	1	-1	1	1	2	6	1
36984	-1	-1	4	3	-1	1	-1	2	-1	1	1	2	-1	2
36985	1	1	4	4	1	-1	-1	-1	-1	1	2	2	3	1
36986	-1	-1	4	2	-1	-1	-1	-1	-1	1	1	1	2	1
36987	-1	-1	4	4	-1	1	-1	2	-1	1	1	2	3	1
36988	-1	-1	3	4	-1	-1	-1	-1	-1	1	-1	2	2	2
36989	1	1	7	9	1	1	1	-1	-1	2	2	2	8	2
36989-R	2	2	7	7	-1	-1	-1	3	-1	1	2	2	6	2
36990	-1	-1	3	2	-1	-1	-1	2	-1	1	2	2	3	1
36991	1	1	3	4	-1	-1	-1	1	-1	1	1	2	4	-1
36992	1	1	3	3	-1	-1	-1	2	-1	1	1	2	3	2
36993	1	1	2	3	-1	-1	-1	2	-1	2	2	2	4	2
36994	-1	-1	3	4	-1	-1	-1	2	-1	1	1	2	3	2
36995	1	1	4	7	1	1	1	3	-1	2	2	2	6	2
36996	1	1	3	4	-1	1	-1	2	-1	1	2	2	3	1
36997	-1	-1	4	5	-1	1	-1	-1	-1	2	1	2	2	2
36998	1	1	6	7	1	1	-1	2	-1	1	2	2	6	1
36999	-1	-1	3	3	-1	-1	-1	-1	-1	1	1	2	2	1
37000	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	2	1
37053	-1	-1	3	3	-1	-1	-1	-1	-1	-1	1	1	4	2
37054	-1	-1	5	6	1	1	-1	2	-1	2	1	2	6	2
37055	-1	-1	3	3	-1	-1	-1	-1	-1	1	1	2	2	2
37056	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	4	2
37056-R	-1	-1	3	4	-1	-1	-1	1	-1	1	1	2	4	2
37057	-1	1	2	-1	-1	-1	-1	2	-1	1	1	1	-1	1
37058	-1	-1	3	4	-1	-1	-1	1	-1	1	1	2	4	1
37059	-1	-1	5	5	-1	1	-1	3	-1	1	1	2	2	2
37060	-1	-1	4	5	-1	-1	-1	2	-1	1	1	2	3	2
37061	-1	-1	4	4	-1	-1	-1	2	-1	1	1	2	6	1
37062	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	5	2
37063	1	1	5	5	-1	1	-1	2	-1	2	2	2	6	2
37064	1	1	5	6	-1	-1	-1	2	-1	2	2	2	4	2
37065	1	1	4	4	1	1	-1	-1	-1	2	1	2	4	2
37066	-1	-1	3	3	-1	-1	-1	1	-1	1	1	2	6	2
37067	-1	-1	3	3	-1	-1	-1	1	-1	-1	2	2	4	1
37068	-1	-1	3	3	-1	-1	-1	1	-1	-1	1	2	2	1
LMB-QA	-1	-1	3	-1	-1	-1	-1	-1	-1	-1	1	2	3	1
LMB-QA	-1	-1	3	1	-1	-1	-1	1	-1	1	1	2	3	1
LMB-QA	-1	-1	2	2	-1	-1	-1	-1	-1	-1	1	2	3	1
LMB-QA	-1	-1	3	4	-1	-1	-1	1	-1	1	1	2	3	1
LMB-QA	-1	-1	7	3	-1	-1	-1	-1	-1	-1	1	2	-1	1

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

	071-HPB	072-HPB	073-HBA	074-HBA	075-HPB	076-LPH	077-MAR	078-ALK	079-LBL	080-LPH	081-MAR	082-LPH	083-HBA	084-HBA
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SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.085-LPH	.086-LBI	.087-MAR	.088-HBA	.089-TFI	.090-HPB	.091-LBI	.092-LPH	.093-LA	.094-LBI	.095-MAR	.096-LPH	.097-HBA	.098-TFI
36821	19	1	2	8	-1	2	2	2	31	2	1	3	23	2
36822	21	1	3	15	1	3	2	3	42	3	2	5	33	3
36823	20	2	3	15	-1	3	3	3	51	3	2	5	40	3
36824	11	-1	2	7	-1	2	2	2	17	2	2	2	13	2
36825	9	1	3	7	-1	3	3	3	31	3	2	5	22	2
36825-R	14	2	4	7	-1	4	3	5	36	3	2	8	25	2
36826	21	2	4	15	-1	4	3	4	50	3	2	7	32	2
36827	12	1	2	10	-1	2	3	3	47	3	2	4	30	2
36828	21	1	2	15	-1	3	3	3	53	4	2	5	33	3
36829	22	1	2	13	-1	2	2	2	28	2	2	3	21	2
36830	7	-1	4	6	-1	2	2	2	11	2	2	2	9	2
36831	9	-1	3	7	-1	2	2	2	18	2	2	2	13	2
36832	13	1	2	10	-1	2	2	2	22	2	1	3	16	2
36833	15	1	2	13	-1	3	2	2	44	3	2	3	43	4
36834	19	1	2	14	-1	2	2	2	38	3	2	3	25	2
36835	20	2	3	14	-1	3	2	3	21	2	2	4	15	2
36836	32	2	3	25	-1	3	3	3	41	3	2	5	30	2
36837	18	1	2	12	-1	2	2	2	22	2	2	3	17	2
36838	14	1	2	7	-1	2	2	2	25	2	1	3	19	2
36839	12	-1	2	11	-1	2	2	1	31	2	-1	2	25	2
36840	12	-1	2	7	-1	2	2	1	20	2	1	2	16	2
36840-R	13	-1	2	9	-1	2	2	1	27	2	1	2	23	2
36841	6	-1	1	4	-1	2	1	1	12	2	1	2	10	2
36842	22	1	2	16	-1	2	3	2	56	3	2	3	46	4
36843	13	1	2	8	-1	2	2	2	15	2	1	2	12	1
36844	9	-1	1	6	-1	2	1	2	4	1	1	2	8	1
36845	5	-1	1	4	-1	2	1	1	12	1	1	2	10	2
36846	12	1	2	9	-1	2	2	2	20	2	1	4	15	2
36847	9	1	1	6	-1	2	2	1	13	2	1	2	12	2
36848	27	3	3	22	-1	4	3	4	62	4	2	6	52	4
36849	12	-1	2	7	-1	2	1	1	12	2	-1	2	10	-1
36850	10	-1	1	7	-1	2	2	2	19	2	-1	2	15	-2
36870	8	1	2	5	-1	2	2	2	28	3	2	3	21	2
36871	19	2	3	13	-1	3	4	3	53	4	2	5	45	4
36872	9	1	2	4	-1	2	2	2	17	2	2	3	14	2
36873	10	1	2	6	-1	2	3	2	25	3	1	3	21	2
36874	7	1	2	5	-1	2	2	2	21	2	1	3	17	2
36874-R	6	1	2	5	-1	2	2	2	16	2	1	3	12	2
36875	7	1	2	7	-1	2	3	2	28	3	2	4	23	2
36876	14	2	3	12	-1	3	7	3	78	7	2	5	62	5
36877	12	1	4	8	-1	2	3	2	31	3	2	2	27	3
36878	5	-1	3	4	-1	2	2	1	16	2	2	2	13	2
36879	7	1	5	6	-1	2	2	2	18	2	2	2	16	-1
36880	9	-1	2	6	-1	2	2	2	27	2	2	4	22	2
36881	13	2	2	11	-1	2	3	2	41	3	2	4	33	3
36882	28	2	3	23	-1	3	6	3	103	6	2	5	88	6
36883	11	-1	2	6	-1	2	2	2	18	2	1	2	14	2
36884	10	1	2	8	-1	2	2	2	25	2	2	4	21	2
36885	10	1	2	5	-1	2	2	2	28	3	2	3	26	3
36886	14	2	2	11	-1	3	3	2	47	3	2	4	38	3
36887	10	1	2	9	-1	2	2	2	31	3	-1	3	25	3
36888	7	1	3	3	-1	2	2	1	16	2	2	2	13	2
36889	8	1	3	7	-1	2	2	1	16	2	2	2	14	2
36889-R	7	1	3	8	-1	2	2	1	16	2	2	2	14	2

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.085 : LPH	.086 : LBI	.087 : MAR	.088 : HBA	.089 : THL	.090 : HPB	.091 : LBI	.092 : LPH	.093 : LA	.094 : LBI	.095 : MAR	.096 : LPH	.097 : HBA	.098 : THL
36890	10	1	3	7	-1	2	2	2	21	2	2	2	17	2
36891	10	1	3	8	-1	2	2	2	18	2	2	2	15	2
36892	18	2	3	12	-1	2	3	3	59	4	-1	4	49	4
36893	7	-1	2	6	-1	2	2	2	18	2	1	2	14	2
36894	7	-1	2	6	-1	2	2	1	17	2	1	2	14	2
36895	6	-1	2	4	-1	2	2	2	12	2	1	2	9	2
36896	7	1	2	5	-1	2	2	2	16	2	1	3	13	2
36897	8	1	2	7	-1	2	2	2	26	2	1	3	21	2
36898	9	1	2	7	-1	2	2	2	24	2	2	2	20	2
36899	13	2	2	7	-1	3	3	2	45	3	-1	4	37	3
36900	11	1	2	5	-1	2	2	2	30	2	2	3	25	3
36901	10	2	2	4	-1	2	2	2	31	2	2	4	26	3
36902	12	1	2	9	-1	2	2	2	31	3	1	3	26	2
36903	13	2	2	12	-1	2	2	3	50	3	2	4	42	3
36904	7	1	2	5	-1	2	2	2	18	2	1	2	15	2
36904-R	9	1	2	8	-1	2	2	2	29	2	2	2	25	2
36905	5	-1	1	5	-1	2	1	1	15	2	1	2	11	2
36906	14	1	2	11	-1	2	2	1	47	3	-1	2	39	4
36907	12	1	3	10	-1	2	2	1	34	3	2	2	28	3
36908	7	-1	2	6	-1	2	2	2	24	2	1	2	20	2
36909	11	1	2	8	-1	2	2	2	41	3	1	3	34	3
36910	7	-1	2	4	-1	2	2	2	15	2	2	2	13	2
36911	7	1	2	5	-1	2	2	2	18	2	2	2	15	2
36912	8	-1	2	5	-1	2	2	2	21	2	2	2	18	2
36913	7	1	5	6	-1	2	2	1	14	2	2	2	12	2
36914	11	1	2	6	-1	2	2	2	21	2	1	2	16	2
36915	12	1	2	9	-1	2	2	2	28	3	2	2	23	3
36916	11	1	2	9	-1	2	2	2	29	2	2	2	22	2
36917	4	-1	1	3	-1	2	1	2	7	1	1	2	4	1
36918	10	-1	2	5	-1	2	2	1	22	2	2	2	18	2
36919	12	1	2	11	-1	2	2	3	34	3	2	2	29	3
36919-R	13	-1	2	7	-1	2	2	1	27	3	2	2	23	3
36920	6	-1	2	4	-1	2	1	1	10	2	2	2	9	2
36921	16	1	2	12	-1	2	2	1	39	3	2	2	33	4
36922	17	1	2	14	-1	2	2	2	53	3	2	2	42	4
36923	6	-1	3	4	-1	2	1	1	12	2	2	2	10	2
36924	6	-1	2	5	-1	2	2	1	14	2	1	2	11	2
36925	15	1	2	13	-1	3	3	2	35	3	2	3	28	3
36926	5	-1	3	5	-1	2	2	1	11	2	1	2	9	2
36927	6	-1	2	4	-1	2	1	1	11	2	1	2	9	2
36928	11	1	2	12	-1	2	2	1	39	3	2	2	31	3
36929	10	-1	2	6	-1	2	2	1	18	2	1	2	14	2
36930	7	-1	2	4	-1	2	1	1	11	1	2	2	9	-1
36931	9	-1	2	7	-1	2	2	1	15	2	1	2	12	2
36932	8	-1	1	5	-1	2	1	1	12	2	1	2	9	2
36933	5	-1	1	4	-1	2	1	1	10	2	1	2	8	2
36934	7	-1	2	5	-1	2	1	1	12	2	1	2	10	2
36934-R	6	-1	1	4	-1	2	2	1	20	2	2	2	15	2
36935	7	1	2	4	-1	2	2	1	14	2	1	2	11	2
36936	14	-1	1	9	-1	2	2	1	34	2	2	2	29	3
36937	7	-1	2	5	-1	2	1	1	13	2	1	2	10	2
36938	6	-1	1	4	-1	2	1	1	14	2	1	2	11	2
36939	7	1	1	5	-1	2	1	1	3	1	1	2	7	1
36940	6	-1	1	5	-1	2	1	1	12	2	1	2	10	2

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.085-LPH	.086-LBI	.087-MAR	.088-HBA	.089-THI	.090-HPB	.091-LBI	.092-LPH	.093-LA	.094-LBI	.095-MAR	.096-LPH	.097-HBA	.098-THI
36981	7	1	4	4	-1	2	1	2	13	2	2	2	10	2
36982	4	-1	3	3	-1	2	1	2	11	2	2	2	3	2
36983	8	-1	3	7	-1	2	2	1	15	2	2	2	12	2
36984	5	-1	1	3	-1	2	2	1	9	2	-1	2	8	1
36985	7	1	2	5	-1	2	2	2	16	2	1	2	13	2
36986	6	-1	1	3	-1	2	1	1	12	1	1	2	10	2
36987	7	-1	1	4	-1	2	2	1	18	2	1	2	15	2
36988	7	-1	1	3	-1	2	2	1	14	2	-1	2	11	2
36989	15	1	2	14	-1	2	3	2	49	3	2	3	37	3
36989-R	11	-1	2	7	-1	2	2	2	35	3	2	3	28	3
36990	5	-1	1	4	-1	2	2	1	14	2	1	2	11	2
36991	5	-1	2	4	-1	2	2	1	16	2	1	2	13	2
36992	5	1	2	4	-1	2	2	1	16	2	1	2	13	2
36993	5	-1	2	2	-1	2	2	2	13	2	2	2	10	2
36994	7	-1	2	4	-1	2	2	1	12	1	1	2	10	1
36995	11	-1	2	10	-1	2	2	2	40	3	2	3	32	3
36996	4	-1	2	3	-1	2	1	1	11	2	1	2	8	2
36997	7	-1	2	5	-1	2	2	2	29	2	1	2	21	2
36998	14	-1	2	12	-1	2	2	2	42	3	2	2	33	3
36999	5	-1	1	3	-1	2	1	-1	8	1	1	2	6	2
37000	7	-1	2	5	-1	2	1	1	14	2	2	2	12	2
37053	6	-1	2	5	-1	2	2	-1	13	2	1	2	10	2
37054	11	-1	2	8	-1	2	2	1	29	2	2	2	22	2
37055	5	-1	1	4	-1	1	1	-1	10	1	-1	2	8	-1
37056	8	1	2	5	-1	2	2	1	16	2	1	2	12	2
37056-R	7	-1	1	5	-1	2	2	1	16	2	1	2	12	2
37057	7	1	2	5	-1	2	2	2	16	2	1	2	12	2
37058	7	-1	1	6	-1	2	2	1	13	2	1	2	10	2
37059	8	-1	1	5	-1	2	2	1	24	2	1	2	18	2
37060	10	-1	2	9	-1	2	2	1	31	3	-1	2	24	3
37061	8	-1	2	6	-1	2	2	1	19	2	1	2	15	2
37062	8	-1	2	6	-1	2	1	-1	12	2	-1	2	9	-1
37063	9	1	2	6	-1	2	1	2	7	1	1	2	9	1
37064	12	-1	2	6	-1	2	2	2	6	1	2	2	10	-1
37065	7	-1	2	6	-1	2	1	2	2	1	1	2	7	1
37066	7	-1	4	5	-1	2	2	1	14	2	2	2	10	2
37067	6	-1	4	3	-1	2	1	1	14	2	2	2	12	2
37068	6	-1	2	4	-1	2	1	-1	7	1	2	2	1	2
LMB-QA	7	-1	1	5	-1	1	1	-1	7	1	1	1	6	1
LMB-QA	7	-1	1	2	-1	1	1	1	7	1	1	1	6	1
LMB-QA	6	-1	1	2	-1	2	1	-1	7	1	1	1	5	1
LMB-QA	7	-1	1	4	-1	2	1	1	7	1	1	1	5	1
LMB-QA	4	-1	1	4	-1	2	1	-1	7	1	1	1	6	1

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

085-LPH	086-LBJ	087-MAR	088-HBA	089-THI	090-HPB	091-LBI	092-LPH	093-LA	094-LBJ	095-MAR	096-LPH	097-HBA	098-THI
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SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.099-LPH	.100-LPH	.101-MAR	.102-MBL	.103-LPH	.104-MAR	.105-ALK	.106-MBI	.107-MBI	.108-LPH	.109-MAR	.110-HBA	.111-MAR	.112-MBI
36821	2	3	-1	2	2	3	3	1	2	6	8	21	3	6
36822	3	3	-1	2	2	3	4	-1	2	6	10	23	3	7
36823	4	4	-1	2	2	3	5	1	2	5	9	28	4	9
36824	2	2	-1	2	2	2	2	-1	2	5	7	16	3	5
36825	3	3	-1	2	2	4	4	1	2	6	8	25	4	11
36825-R	6	6	-1	2	3	6	5	-1	2	7	9	28	4	15
36826	4	4	-1	3	3	6	6	1	2	6	12	30	4	15
36827	3	3	-1	2	2	3	5	-1	2	6	8	27	4	10
36828	3	3	-1	3	2	4	5	1	2	5	9	30	4	10
36829	2	2	-1	2	2	2	4	-1	2	6	8	33	4	7
36830	2	2	-1	2	2	2	3	1	2	6	7	25	3	6
36831	2	2	-1	2	2	2	2	1	2	6	7	19	3	6
36832	2	2	-1	2	2	2	3	1	2	5	8	19	4	8
36833	3	3	-1	2	2	3	4	-1	2	6	9	26	4	9
36834	3	3	-1	3	2	3	4	1	2	6	10	25	4	7
36835	3	3	-1	2	2	3	4	-1	2	6	10	22	4	10
36836	3	3	-1	3	2	4	6	1	2	6	12	39	5	11
36837	2	2	-1	2	2	2	3	-1	2	6	8	24	4	6
36838	2	2	-1	2	2	2	3	1	2	5	7	21	3	7
36839	2	2	-1	2	2	2	3	-1	2	5	8	23	4	5
36840	2	2	-1	2	2	2	3	1	2	5	7	17	3	5
36840-R	2	2	-1	2	2	2	3	-1	2	5	7	18	3	5
36841	1	2	-1	1	1	2	2	1	2	5	6	13	3	6
36842	2	2	-1	2	2	3	4	-1	2	5	8	32	4	7
36843	2	2	-1	2	2	2	3	1	2	-1	7	17	3	7
36844	2	2	-1	2	2	2	2	-1	2	5	6	14	3	6
36845	2	2	-1	2	2	2	2	1	2	4	6	13	3	5
36846	3	3	-1	2	2	3	3	-1	2	5	7	21	3	8
36847	2	2	-1	2	2	2	2	1	2	5	6	13	3	5
36848	5	4	-1	3	2	4	6	-1	2	6	11	36	4	12
36849	1	2	-1	2	2	2	2	-1	2	5	7	14	3	4
36850	2	2	-1	2	2	2	3	-1	2	6	7	16	3	6
36870	3	2	-1	2	2	3	4	1	2	5	7	18	3	9
36871	4	-1	-1	3	2	5	5	-1	2	6	12	28	4	12
36872	3	3	-1	2	2	3	3	1	2	5	8	17	3	11
36873	3	3	-1	2	2	3	4	-1	2	6	8	20	4	9
36874	2	2	-1	2	2	3	3	1	2	5	7	18	3	8
36874-R	2	2	-1	2	2	2	3	-1	2	5	7	13	3	8
36875	3	3	-1	2	2	3	3	1	2	6	8	20	3	10
36876	4	3	-1	2	2	4	6	-1	2	6	11	33	4	19
36877	2	2	-1	2	2	2	3	1	2	5	6	19	3	9
36878	1	2	-1	1	2	2	2	-1	2	5	7	14	3	6
36879	2	2	-1	2	2	2	3	-1	2	5	7	17	3	10
36880	3	3	-1	2	2	3	4	-1	2	5	7	22	3	15
36881	3	3	-1	2	2	3	5	1	2	6	9	29	4	14
36882	4	3	-1	3	2	5	8	-1	2	6	13	61	5	15
36883	2	2	-1	2	2	2	3	1	2	5	7	18	4	8
36884	3	3	-1	2	2	3	3	-1	2	5	8	20	4	11
36885	3	3	-1	2	2	4	4	1	2	6	8	30	4	18
36886	3	3	-1	2	2	4	5	-1	2	6	10	47	5	16
36887	2	2	-1	2	2	2	4	1	2	5	8	25	4	10
36888	2	2	-1	2	2	2	3	-1	2	6	7	18	3	8
36889	2	2	-1	2	2	2	3	1	2	5	7	18	3	8
36889-R	2	2	-1	1	2	2	2	-1	2	6	7	17	3	7

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.099-LPH	.100-LPH	.101-MAR	.102-MBL	.103-LPH	.104-MAR	.105-ALK	.106-MBI	.107-MBI	.108-LPH	.109-MAR	.110-HBA	.111-MAR	.112-MBI	
36890	2	2	-1	2	2	2	3	1	2	6	7	19	3	8	
36891	2	2	-1	2	2	2	3	-1	2	5	7	16	3	7	
36892	3	3	-1	2	2	3	5	1	2	5	10	34	4	14	
36893	2	2	-1	2	2	2	2	1	2	5	6	14	3	6	
36894	2	2	-1	2	2	2	2	-1	2	5	6	16	3	5	
36895	2	2	-1	2	2	2	2	-1	2	5	7	14	3	6	
36896	2	3	-1	2	2	2	3	1	2	6	7	16	3	9	
36897	3	2	-1	2	2	2	3	1	2	5	7	22	3	9	
36898	2	2	-1	2	2	2	3	1	2	5	7	19	4	8	
36899	3	3	-1	2	2	4	5	-1	2	6	9	29	4	12	
36900	3	3	-1	2	2	3	3	-1	2	5	7	23	4	9	
36901	3	3	-1	2	2	3	4	1	2	5	8	22	4	11	
36902	2	2	-1	2	2	3	4	1	2	5	9	38	4	11	
36903	3	3	-1	2	2	3	5	1	2	6	10	37	4	14	
36904	2	2	-1	2	2	2	3	-1	2	5	7	16	3	9	
36904-R	2	2	-1	2	2	2	3	1	2	5	8	21	3	8	
36905	2	2	-1	2	2	2	2	1	2	4	6	14	3	7	
36906	2	2	-1	2	2	2	3	-1	2	5	8	25	4	5	
36907	2	2	-1	2	2	2	3	1	2	5	6	22	3	5	
36908	2	2	-1	2	2	2	3	-1	2	6	8	19	3	10	
36909	2	2	-1	2	2	2	4	1	2	5	8	24	4	10	
36910	2	2	-1	2	2	2	3	-1	2	5	7	15	3	9	
36911	2	2	-1	2	2	2	2	-1	2	5	6	15	3	8	
36912	2	2	-1	2	2	2	3	1	2	5	7	18	3	9	
36913	2	2	-1	2	2	2	2	-1	2	6	7	16	3	9	
36914	2	2	-1	2	2	2	3	1	2	5	7	16	3	9	
36915	2	2	-1	2	2	2	3	1	2	6	8	20	3	10	
36916	2	2	-1	2	2	2	3	1	2	5	8	19	3	9	
36917	2	2	-1	2	2	2	2	1	2	4	5	11	3	7	
36918	2	2	-1	2	2	2	3	-1	2	5	8	18	4	10	
36919	2	2	-1	2	2	1	2	3	1	2	5	7	21	3	8
36919-R	2	2	-1	2	2	2	3	1	2	5	8	19	3	8	
36920	2	2	-1	2	2	2	2	-1	2	5	7	13	3	8	
36921	2	2	-1	2	2	2	3	1	2	5	9	22	4	7	
36922	2	2	-1	2	2	2	4	1	2	5	9	33	4	9	
36923	2	2	-1	2	2	2	2	1	2	5	7	13	3	8	
36924	2	2	-1	2	2	2	2	-1	2	5	6	14	3	6	
36925	2	2	-1	2	2	3	4	-1	2	5	7	21	4	12	
36926	2	2	-1	2	2	2	2	-1	2	5	6	12	3	11	
36927	2	2	-1	2	2	2	2	-1	2	4	5	11	3	11	
36928	2	2	-1	2	2	2	4	1	2	5	7	25	4	6	
36929	1	2	-1	2	2	2	3	-1	2	5	7	17	4	5	
36930	2	2	-1	2	2	2	2	-1	2	5	7	14	3	7	
36931	2	2	-1	2	2	2	3	-1	2	5	7	16	3	8	
36932	1	2	-1	2	2	2	2	1	2	5	6	13	3	6	
36933	1	2	-1	2	2	2	2	-1	2	5	6	12	3	5	
36934	2	2	-1	2	1	2	2	1	2	5	6	14	3	8	
36934-R	2	2	-1	2	2	2	3	-1	2	5	7	16	4	8	
36935	2	2	-1	2	2	2	2	-1	2	5	7	15	3	7	
36936	2	2	-1	2	2	2	3	1	2	5	9	21	3	8	
36937	2	2	-1	2	2	2	2	1	2	5	7	15	3	7	
36938	2	2	-1	2	2	2	2	-1	2	5	7	14	3	8	
36939	2	2	-1	2	1	2	3	1	2	5	8	13	3	8	
36940	2	2	-1	2	2	2	2	1	2	4	6	13	3	7	

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.099-LPH	.100-LPH	.101-MAR	.102-MBL	.103-LPH	.104-MAR	.105-ALK	.106-MBI	.107-MBI	.108-LPH	.109-MAR	.110-HBA	.111-MAR	.112-MBI
36981	2	2	-1	2	2	2	2	1	2	4	6	10	3	13
36982	2	2	-1	1	2	2	2	-1	2	6	7	12	3	9
36983	2	2	-1	1	2	2	2	1	2	4	6	13	3	7
36984	2	2	-1	2	2	2	2	-1	2	4	6	12	3	8
36985	2	2	-1	2	2	2	3	-1	2	5	7	15	3	7
36986	2	2	-1	2	2	2	2	-1	2	5	7	13	3	6
36987	2	2	-1	2	2	2	3	-1	2	5	7	15	3	7
36988	2	2	-1	2	2	2	2	-1	2	5	6	13	3	6
36989	2	2	-1	2	2	3	4	1	2	5	8	27	4	10
36989-R	2	2	-1	2	2	2	4	1	2	6	8	22	4	10
36990	2	2	-1	2	2	2	2	-1	2	5	7	15	3	6
36991	2	2	-1	2	2	2	2	1	2	4	6	13	3	5
36992	2	2	-1	2	2	2	3	1	2	6	6	15	3	9
36993	2	2	-1	2	2	2	2	-1	2	5	7	15	3	11
36994	2	2	-1	2	2	2	2	-1	2	5	6	14	3	8
36995	2	2	-1	2	2	2	4	1	2	6	8	26	4	13
36996	2	2	-1	2	2	2	2	-1	2	6	7	12	3	9
36997	2	2	-1	2	2	1	2	3	-1	5	8	21	3	10
36998	2	2	-1	2	2	2	4	1	2	5	8	25	3	9
36999	2	2	-1	1	2	2	2	-1	2	6	6	11	3	8
37000	1	2	-1	2	2	2	2	1	2	5	7	12	3	5
37053	2	2	-1	2	1	2	2	-1	2	5	6	12	3	6
37054	2	2	-1	2	2	2	3	1	2	4	7	22	4	9
37055	2	2	-1	2	2	2	2	-1	2	5	7	13	3	7
37056	2	2	-1	2	2	2	2	1	2	5	6	16	3	8
37056-R	2	2	-1	2	2	2	2	1	2	5	7	15	3	7
37057	2	2	-1	2	2	2	3	1	2	5	7	17	3	8
37058	1	2	-1	2	2	2	2	-1	2	5	6	14	3	5
37059	2	2	-1	2	2	2	3	1	2	5	7	21	3	8
37060	2	2	-1	2	2	2	3	1	2	6	7	20	3	7
37061	2	2	-1	2	2	2	2	1	2	5	6	15	3	6
37062	2	2	-1	2	2	2	2	-1	2	5	7	14	3	4
37063	2	2	-1	2	2	3	3	-1	2	-1	8	17	4	9
37064	2	2	-1	2	2	2	4	1	2	5	9	23	5	10
37065	2	2	-1	2	2	2	3	-1	2	5	7	15	3	10
37066	2	2	-1	2	2	2	2	1	2	6	6	19	3	7
37067	2	2	-1	2	2	2	2	1	2	6	8	18	3	7
37068	2	2	-1	2	2	2	2	-1	2	5	6	10	3	5
LMB-QA	1	2	-1	2	1	2	2	-1	2	5	6	10	3	4
LMB-QA	1	2	-1	2	1	1	2	-1	2	5	6	10	3	4
LMB-QA	1	2	-1	2	2	1	2	-1	2	5	6	8	3	4
LMB-QA	2	2	-1	1	2	2	2	-1	2	5	6	10	3	4
LMB-QA	1	2	-1	1	1	2	2	-1	2	5	6	10	3	4

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

	099-LPH	100-LPH	101-MAR	102-MBI	103-LPH	104-MAR	105-ALK	106-MBI	107-MBI	108-LPH	109-MAR	110-HBA	111-MAR	112-MBI
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	.113-HBA	.114-MBI	.115-MBI	.116-MAR	.117-HA	.118-MPH	.119-HBA	.120-THI	.121-MPH	.122-MPH	.123-MPH	.124-MBI	.125-HAR	.126-MPH
36821	19	5	5	4	43	5	21	4	5	9	5	6	6	5
36822	17	5	6	4	44	6	21	4	5	10	5	6	6	6
36823	20	6	6	5	62	6	27	4	6	10	6	6	6	6
36824	16	4	5	4	42	5	9	4	5	9	5	6	8	5
36825	18	7	7	4	47	8	24	4	7	11	7	7	7	7
36825-R	23	8	8	4	49	9	25	4	8	12	7	8	7	8
36826	22	8	8	5	54	7	27	4	7	12	6	7	8	7
36827	20	7	7	5	82	6	32	4	6	12	6	6	7	6
36828	23	6	7	5	63	6	28	4	6	10	6	7	7	6
36829	23	6	7	5	89	6	45	4	6	11	5	7	6	6
36830	14	6	6	4	31	5	2	4	5	11	5	8	6	6
36831	14	6	6	4	36	5	19	4	5	10	5	6	6	5
36832	16	6	6	4	43	5	22	1	5	11	5	6	6	6
36833	21	6	6	4	63	6	31	5	6	11	1	7	6	6
36834	16	5	6	5	48	6	23	5	5	11	5	6	6	6
36835	15	7	7	4	45	6	26	5	5	11	5	7	6	6
36836	27	8	8	5	86	6	48	5	6	11	6	8	7	6
36837	19	5	6	4	45	4	25	4	4	10	5	6	6	5
36838	16	5	6	4	54	5	28	4	5	10	5	6	6	5
36839	15	4	5	4	46	4	23	4	4	9	5	5	6	5
36840	15	5	5	4	34	5	15	4	4	9	4	4	5	4
36840-R	15	4	5	4	36	5	19	4	4	9	4	5	5	5
36841	11	5	5	3	31	4	17	4	4	9	4	5	5	4
36842	22	5	6	4	59	5	28	4	5	10	1	6	6	5
36843	14	6	6	4	33	5	19	4	5	9	5	5	5	5
36844	15	5	5	3	28	4	18	4	4	9	5	5	5	5
36845	12	4	5	3	41	5	25	4	4	9	5	6	5	5
36846	17	5	6	4	45	5	12	4	5	9	5	6	6	5
36847	13	5	5	3	25	4	15	4	5	10	4	1	6	5
36848	21	7	7	5	75	7	35	5	6	12	5	7	6	6
36849	15	4	5	4	30	4	19	4	4	9	5	6	5	5
36850	14	5	5	4	35	5	20	4	4	9	4	6	5	5
36870	16	5	6	4	42	5	21	4	5	9	5	6	6	5
36871	23	7	7	4	51	6	24	4	6	11	6	7	6	6
36872	15	7	7	3	36	6	19	4	5	10	5	6	5	6
36873	18	6	6	4	42	5	21	4	5	11	5	6	6	6
36874	14	5	5	4	35	5	18	1	5	10	5	6	6	5
36874-R	13	5	5	4	31	5	15	4	5	9	5	5	5	5
36875	18	6	7	4	41	5	22	4	4	11	5	6	6	6
36876	27	9	9	4	85	6	38	4	6	12	6	7	7	6
36877	16	6	6	4	50	5	22	4	5	9	1	6	5	5
36878	12	5	5	4	25	4	14	1	4	9	4	6	6	5
36879	14	8	7	4	33	5	17	4	5	10	5	8	6	5
36880	19	8	8	4	56	5	25	4	5	10	5	7	6	6
36881	23	7	7	5	66	6	30	4	5	11	5	6	6	6
36882	37	8	9	7	148	6	55	4	6	13	6	8	8	7
36883	15	6	6	4	36	5	20	4	5	10	5	6	6	6
36884	17	6	6	4	38	5	20	4	5	10	5	6	6	5
36885	21	8	8	4	61	6	42	4	6	11	1	7	7	6
36886	26	9	10	6	95	7	49	4	6	13	4	9	8	7
36887	17	6	6	4	64	5	27	4	5	10	5	6	6	5
36888	13	6	6	4	27	5	15	4	5	9	4	7	5	5
36889	15	5	6	4	30	5	17	4	4	10	5	6	5	5
36889-R	12	6	6	4	28	5	17	4	4	9	1	6	5	5

	.113-HBA	.114-MBI	.115-MBI	.116-MAR	.117-HA	.118-MPH	.119-HBA	.120-THI	.121-MPH	.122-MPH	.123-MPH	.124-MBI	.125-HAR	.126-MPH
36890	15	6	6	4	39	5	18	4	5	10	5	6	-1	5
36891	12	5	5	3	31	4	14	4	1	9	4	6	5	5
36892	22	7	7	5	76	6	37	5	5	11	5	6	6	5
36893	14	5	5	4	58	4	25	4	4	10	5	6	3	5
36894	13	4	5	4	36	4	18	4	4	10	4	6	5	4
36895	12	5	5	3	37	5	9	4	4	9	4	6	5	5
36896	16	6	6	4	37	6	21	4	5	10	5	6	5	5
36897	16	6	6	4	41	5	20	4	5	10	5	6	6	5
36898	18	6	6	4	43	5	23	4	5	10	5	6	5	5
36899	23	7	7	5	62	6	27	4	6	11	6	7	6	6
36900	18	6	6	4	54	5	26	4	5	11	6	6	6	5
36901	17	6	7	4	50	5	23	4	5	11	5	6	6	6
36902	24	7	7	5	76	6	41	4	5	11	5	7	7	6
36903	25	8	8	5	90	6	37	4	8	11	6	7	7	6
36904	16	6	6	4	42	5	21	4	5	10	5	6	6	5
36904-R	18	5	6	4	41	5	23	4	5	10	5	6	6	6
36905	13	5	5	4	26	5	16	4	5	9	5	6	6	5
36906	16	5	6	4	62	4	26	4	4	9	4	6	5	5
36907	15	5	5	4	46	4	21	4	5	10	5	7	6	5
36908	18	6	6	4	50	5	24	4	5	11	5	6	6	5
36909	17	6	7	4	54	5	27	4	5	10	5	7	6	5
36910	15	5	6	4	31	5	18	4	5	10	5	6	5	5
36911	13	5	5	4	28	5	18	4	5	10	5	6	5	5
36912	17	6	6	4	48	5	22	4	5	10	5	6	-1	5
36913	13	7	7	4	27	5	15	4	5	10	5	8	6	6
36914	13	6	6	4	44	5	22	4	5	10	5	6	6	5
36915	15	6	6	4	39	5	21	4	5	10	5	6	6	5
36916	15	6	6	4	45	5	23	4	5	10	5	6	6	5
36917	10	5	5	4	19	5	6	4	5	9	5	5	5	5
36918	16	6	6	4	47	5	22	4	5	10	5	6	6	5
36919	17	5	6	4	49	4	23	4	4	10	4	6	6	5
36919-R	15	5	6	3	43	5	22	4	5	10	5	5	6	5
36920	13	6	6	4	23	4	16	4	4	10	5	5	6	5
36921	17	5	6	4	51	4	23	4	4	10	5	6	6	5
36922	24	6	7	5	109	5	41	4	5	11	5	7	6	5
36923	12	5	5	3	24	5	16	5	4	9	-1	6	5	4
36924	13	5	5	4	27	5	18	4	5	10	5	5	5	5
36925	14	7	7	4	51	5	25	4	5	10	5	6	6	5
36926	13	7	6	4	30	5	14	4	5	11	5	7	6	5
36927	13	6	5	3	21	4	13	4	4	10	5	5	5	5
36928	18	5	6	4	61	5	26	4	5	10	5	6	6	6
36929	16	5	5	4	38	5	20	4	5	10	5	6	6	5
36930	12	6	5	3	26	4	14	4	4	9	5	6	5	5
36931	15	5	6	4	40	5	9	4	5	11	5	6	6	5
36932	12	5	5	3	29	5	18	4	4	9	4	5	5	5
36933	11	5	5	4	24	5	14	4	4	10	5	6	5	5
36934	13	5	6	4	38	5	18	4	5	9	5	6	5	5
36934-R	15	5	5	4	48	4	21	4	4	10	4	6	6	5
36935	12	5	6	4	26	5	15	4	5	10	4	6	6	5
36936	14	5	6	4	49	4	22	4	4	11	5	6	6	5
36937	12	5	5	3	29	5	18	4	5	11	5	5	6	5
36938	14	5	5	4	30	4	18	4	5	10	5	6	-1	5
36939	15	5	6	3	37	4	16	4	4	10	5	6	5	5
36940	12	5	5	3	27	4	17	4	4	10	5	6	5	5

	.113-HBA	.114-MBI	.115-MBI	.116-MAR	.117-HA	.118-MPH	.119-HBA	.120-THI	.121-MPH	.122-MPH	.123-MPH	.124-MBI	.125-HAR	.126-MPH
36981	12	7	7	4	27	5	16	4	4	10	5	7	5	6
36982	11	6	6	4	23	5	14	4	4	10	4	6	5	5
36983	12	5	5	4	27	5	2	4	5	10	5	6	5	5
36984	12	6	6	4	31	5	17	4	5	11	5	1	8	5
36985	12	5	5	4	24	5	17	4	5	10	5	6	6	5
36986	12	5	5	4	32	5	19	4	4	11	5	6	6	5
36987	16	5	5	4	35	5	18	4	4	10	5	6	-1	5
36988	12	5	5	3	28	5	17	4	4	10	5	5	5	5
36989	17	6	6	4	54	6	29	4	5	11	5	7	-1	5
36989-R	18	6	7	4	44	5	14	4	5	10	4	6	6	5
36990	13	5	5	4	31	4	18	4	5	10	5	6	6	5
36991	12	4	5	4	25	4	15	4	4	9	5	5	5	5
36992	14	6	6	3	36	5	20	4	5	10	5	6	5	5
36993	13	7	7	3	28	5	17	4	5	10	5	6	6	5
36994	14	5	6	4	28	5	16	4	5	10	5	5	5	5
36995	19	7	8	4	61	5	27	4	5	11	-1	7	6	5
36996	12	5	6	3	28	4	18	4	4	11	4	6	6	5
36997	17	6	6	3	89	5	35	4	5	10	5	6	5	5
36998	20	6	6	4	77	5	31	4	5	11	5	6	6	5
36999	13	5	6	3	31	5	16	4	5	10	4	6	5	5
37000	13	4	5	3	27	-1	15	4	4	10	4	6	5	5
37053	12	5	5	4	26	5	14	4	4	10	5	6	5	5
37054	18	6	6	4	57	5	26	4	5	11	5	-1	5	5
37055	13	5	5	4	29	-1	3	4	4	10	4	6	6	5
37056	13	6	6	4	31	4	17	4	4	10	4	6	5	5
37056-R	13	5	5	4	30	4	18	4	4	10	5	5	8	5
37057	14	6	5	4	32	5	17	4	5	11	5	6	5	5
37058	15	4	5	4	45	4	20	4	4	10	4	5	5	5
37059	17	6	6	4	63	5	27	4	4	10	4	6	-1	5
37060	17	5	5	4	44	5	23	5	4	10	5	6	5	5
37061	13	5	5	4	33	5	20	4	5	10	5	6	5	5
37062	14	4	6	4	26	4	17	4	4	10	6	6	-5	5
37063	14	6	7	3	64	6	33	4	5	11	5	7	7	6
37064	19	7	8	4	82	5	45	4	5	13	6	9	7	6
37065	14	7	7	4	47	5	25	4	5	11	6	7	7	6
37066	15	6	7	4	31	5	17	4	5	10	5	7	6	5
37067	14	6	6	4	33	5	17	4	5	11	-1	8	6	5
37068	10	4	5	3	20	5	14	4	5	9	5	6	5	5
LMB-QA	9	4	4	3	18	4	13	4	4	9	4	5	5	5
LMB-QA	11	4	4	3	21	4	13	4	4	9	5	5	5	5
LMB-QA	10	4	5	3	20	4	12	4	4	9	4	5	5	4
LMB-QA	10	4	4	4	23	5	12	4	4	10	4	5	5	4
LMB-QA	10	4	5	3	35	5	18	4	-1	10	5	6	5	5

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

113-HBA	114-MBI	115-MBI	116-MAR	117-HA	118-MPH	119-HBA	120-THL	121-MPH	122-MPH	123-MPH	124-MBI	125-HAR	126-MPH
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	.127-MPH.	.128-MPH.	.129-HAR.	.130-HAR.	.131-MPH.	.132-ALK.	.133-HAR.	.134-HAR.	.135-MPH.	.136-MPH.	.137-HBL.	.138-HBL.	.139-HPH.	.140-HPH.
36821	4	3	4	5	5	22	11	17	11	8	5	8	9	8
36822	4	3	4	5	5	20	11	18	10	8	5	8	2	8
36823	5	3	4	5	5	22	10	18	10	8	6	8	10	8
36824	4	3	4	5	5	19	10	16	9	9	6	8	2	8
36825	5	4	4	5	6	23	11	18	11	9	6	9	10	9
36825-R	6	4	4	6	7	23	12	19	12	10	6	10	11	9
36826	5	4	4	4	6	26	12	20	11	10	7	9	11	9
36827	5	4	4	6	5	28	12	19	10	9	7	9	11	8
36828	5	3	4	5	6	24	12	19	11	10	6	8	10	1
36829	5	3	4	5	6	37	13	20	12	11	6	9	1	9
36830	4	3	4	5	5	16	11	16	11	9	6	8	1	8
36831	4	3	4	5	5	17	12	16	10	10	5	9	10	9
36832	5	4	4	5	6	20	11	18	11	9	6	9	10	9
36833	4	3	4	5	5	27	12	19	12	10	6	9	10	8
36834	5	3	4	5	6	21	12	19	12	10	6	8	10	9
36835	5	3	4	5	6	23	12	17	11	10	6	9	2	8
36836	5	4	4	5	6	41	14	21	12	10	6	9	11	9
36837	4	3	4	5	5	22	13	17	10	9	6	9	10	8
36838	4	3	4	5	6	26	12	16	10	9	6	8	9	8
36839	4	3	3	4	5	18	11	16	10	8	5	8	9	8
36840	4	3	4	5	5	16	11	15	9	8	5	8	9	8
36840-R	4	3	4	4	5	17	11	15	9	9	5	8	9	7
36841	4	3	3	5	5	15	10	12	8	8	5	7	-1	8
36842	4	3	4	5	4	20	12	16	9	9	6	7	1	7
36843	4	3	4	5	5	17	11	16	10	8	5	8	9	8
36844	4	3	3	4	5	16	11	15	10	8	5	7	9	8
36845	4	3	4	5	5	22	10	15	10	8	5	7	9	8
36846	4	3	4	5	5	22	11	17	10	9	6	8	9	8
36847	4	3	3	4	5	14	10	16	10	9	6	8	9	7
36848	4	3	4	5	6	28	12	20	12	9	6	9	9	8
36849	4	3	4	5	5	16	10	14	11	8	5	7	9	7
36850	4	3	4	5	5	46	11	14	8	9	6	8	9	8
36870	4	3	4	5	5	19	10	15	9	8	5	8	9	8
36871	4	3	4	5	5	21	12	18	10	9	6	8	2	8
36872	4	3	4	5	5	19	10	15	10	8	5	8	10	8
36873	4	3	3	4	5	21	11	15	11	9	5	8	9	8
36874	4	3	4	4	5	18	11	15	9	10	6	8	2	8
36874-R	4	3	4	5	5	16	11	14	10	8	5	8	9	8
36875	4	3	4	5	5	20	11	16	11	9	6	8	9	8
36876	4	4	4	5	6	27	11	18	11	10	6	8	1	1
36877	4	3	4	5	4	17	10	13	10	9	5	8	9	8
36878	4	3	4	4	5	14	11	15	9	9	5	8	9	8
36879	4	3	4	4	5	16	10	14	10	9	6	8	9	8
36880	5	3	4	5	5	20	11	16	11	9	6	8	10	8
36881	4	3	4	5	6	25	12	18	11	8	6	9	10	8
36882	5	4	4	5	5	42	13	23	12	11	7	9	10	8
36883	4	3	4	5	5	19	10	16	10	9	6	9	9	8
36884	4	3	4	5	5	19	11	16	10	9	6	8	9	8
36885	4	3	4	5	6	31	12	20	11	10	6	9	9	8
36886	5	4	4	5	6	39	14	22	11	10	7	10	2	8
36887	4	3	4	5	5	22	11	15	10	9	5	8	9	8
36888	4	3	4	5	5	17	10	15	10	8	5	8	1	8
36889	4	3	4	5	5	16	10	15	11	9	6	8	2	7
36889-R	4	3	4	5	4	17	11	15	10	8	4	8	9	8

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.127-MPH	.128-MPH	.129-HAR	.130-HAR	.131-MPH	.132-ALK	.133-HAR	.134-HAR	.135-MPH	.136-MPH	.137-HBL	.138-HBL	.139-HPH	.140-HPH
36890	4	3	4	5	5	17	11	15	10	9	6	8	10	7
36891	4	3	3	5	4	16	10	15	9	8	5	8	9	8
36892	4	3	4	5	5	25	12	18	11	9	6	9	10	9
36893	4	3	4	5	5	18	10	15	10	9	6	8	2	8
36894	4	3	4	5	4	15	10	15	9	8	6	8	9	7
36895	4	3	4	5	5	16	10	16	10	9	5	8	10	8
36896	4	3	4	5	5	18	10	15	11	8	5	8	2	8
36897	4	3	4	5	5	20	11	16	10	9	5	8	9	8
36898	4	3	4	5	5	20	11	15	10	10	5	8	9	7
36899	5	3	4	5	5	22	11	16	11	9	5	9	9	9
36900	4	3	4	5	6	23	11	17	10	10	6	9	10	9
36901	5	3	4	5	5	22	10	16	10	9	5	8	1	9
36902	5	4	5	6	5	35	12	24	11	8	7	11	2	9
36903	5	4	4	6	6	29	11	21	11	10	7	10	10	8
36904	4	3	4	5	5	20	11	16	10	9	5	8	9	8
36904-R	4	3	4	6	4	20	11	16	9	8	6	8	2	8
36905	4	3	3	5	5	15	10	14	10	8	5	9	8	8
36906	4	3	4	5	5	19	12	17	10	9	6	8	9	8
36907	4	3	3	5	5	18	11	16	11	8	5	9	2	8
36908	4	3	4	5	5	18	10	16	10	8	6	8	9	8
36909	4	3	4	5	5	22	11	17	10	10	6	8	1	8
36910	4	3	4	5	5	17	10	14	10	8	5	8	9	7
36911	4	3	4	5	5	16	11	15	10	9	5	8	9	7
36912	4	3	4	5	4	17	11	15	10	9	5	9	10	8
36913	4	3	4	5	5	15	10	16	11	9	5	7	9	7
36914	4	3	4	5	5	19	11	16	10	7	6	8	10	8
36915	4	3	4	5	5	19	11	16	10	9	6	8	9	8
36916	4	3	4	5	5	19	11	16	10	9	5	8	9	9
36917	4	3	4	5	5	13	9	14	10	10	5	8	9	8
36918	4	3	4	5	5	18	11	16	11	8	5	8	10	8
36919	4	3	4	5	5	18	11	17	10	8	5	8	9	9
36919-R	4	3	4	5	5	19	11	15	10	8	6	8	9	8
36920	4	3	4	5	5	15	10	15	10	9	6	8	10	8
36921	4	3	4	5	5	18	12	16	10	10	5	8	9	8
36922	4	3	4	5	5	19	11	18	10	9	6	9	1	8
36923	4	3	4	5	4	14	11	15	9	9	6	7	9	8
36924	4	3	4	5	5	17	11	15	10	9	6	8	10	8
36925	4	3	4	5	5	20	11	17	10	9	6	8	8	8
36926	4	3	4	5	5	15	11	16	11	8	5	8	2	8
36927	4	3	4	5	5	14	11	14	11	8	5	8	9	8
36928	4	3	4	5	5	19	11	18	10	9	6	8	10	9
36929	4	3	4	5	5	17	10	16	10	10	6	8	2	8
36930	4	3	4	4	5	14	10	15	10	9	5	8	9	8
36931	4	3	4	5	5	17	10	15	10	8	5	8	9	8
36932	4	3	3	5	5	16	11	14	10	8	5	7	9	8
36933	4	3	3	5	5	15	11	15	9	9	6	8	9	8
36934	4	3	4	5	5	16	10	15	11	8	5	8	9	8
36934-R	4	3	4	5	5	18	12	18	10	9	6	8	9	8
36935	4	3	4	4	5	15	11	15	10	9	5	8	2	8
36936	4	3	4	5	5	19	11	17	11	9	6	8	10	8
36937	4	3	4	5	5	15	11	15	10	9	6	8	9	8
36938	4	3	4	4	5	16	11	17	10	9	6	8	9	7
36939	4	3	4	5	5	17	11	16	10	9	6	8	2	7
36940	4	3	4	5	5	15	11	16	10	9	6	8	9	8

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.127-MPH	.128-MPH	.129-HAR	.130-HAR	.131-MPH	.132-ALK	.133-HAR	.134-HAR	.135-MPH	.136-MPH	.137-HBL	.138-HBL	.139-HPH	.140-HPH
36981	4	3	4	5	5	14	11	15	10	9	5	7	9	8
36982	4	3	4	5	4	15	11	15	10	9	6	8	9	8
36983	4	3	4	5	5	14	10	14	10	9	5	8	9	8
36984	4	3	4	5	5	17	11	15	10	8	6	8	10	8
36985	4	3	4	5	5	17	10	16	9	9	6	8	9	7
36986	4	3	4	5	5	16	11	15	11	10	5	8	9	8
36987	4	3	4	5	5	15	11	15	10	9	5	7	9	8
36988	4	3	4	5	5	16	10	14	10	8	4	7	8	7
36989	4	3	4	5	5	23	11	18	11	8	5	8	2	8
36989-R	4	3	4	5	5	20	11	17	10	8	5	8	9	8
36990	4	3	4	5	5	16	11	15	10	9	6	8	10	8
36991	4	3	4	5	4	15	10	14	9	8	5	8	1	8
36992	4	3	4	5	5	18	11	16	10	10	6	9	10	8
36993	4	3	4	5	5	17	10	16	10	8	5	8	10	8
36994	4	3	3	4	5	17	11	15	10	10	5	8	9	7
36995	4	4	4	5	5	23	12	19	10	9	5	9	10	9
36996	4	3	3	4	5	15	10	15	11	8	5	8	9	8
36997	4	3	4	5	5	23	11	17	10	9	6	8	9	8
36998	4	3	4	5	5	22	11	18	9	9	6	8	9	8
36999	4	3	4	5	5	16	10	13	10	9	5	7	9	7
37000	4	3	4	5	4	15	11	15	9	10	5	8	10	9
37053	4	3	4	5	4	13	10	15	10	8	5	8	9	7
37054	4	3	4	5	5	20	11	17	10	9	6	8	9	7
37055	4	3	4	5	5	16	11	15	10	9	5	7	2	8
37056	4	3	4	5	5	18	11	16	11	8	5	8	10	8
37056-R	3	3	4	5	5	17	10	15	11	8	5	8	9	8
37057	4	3	4	5	5	16	11	15	10	9	6	8	10	8
37058	4	3	4	5	5	16	10	14	9	8	5	8	9	7
37059	4	3	4	5	5	22	11	16	10	9	5	7	10	7
37060	4	3	4	5	5	19	11	16	11	9	5	9	9	8
37061	4	3	4	5	5	16	11	15	10	8	5	8	9	8
37062	4	3	4	5	4	15	11	15	10	10	6	8	9	7
37063	4	3	4	5	5	26	12	20	9	9	7	9	10	9
37064	4	4	4	6	5	40	13	26	11	9	7	11	10	8
37065	4	4	4	6	5	23	11	17	11	8	6	9	10	9
37066	4	3	4	6	4	16	11	16	9	9	5	8	10	7
37067	4	3	4	5	5	16	10	16	10	9	6	8	10	8
37068	4	3	4	5	5	14	11	14	10	8	5	7	1	8
LMB-QA	4	3	4	4	5	12	10	13	9	9	5	8	9	7
LMB-QA	4	3	3	5	5	14	11	15	10	9	6	8	10	7
LMB-QA	4	3	4	4	5	12	10	15	9	9	6	8	9	8
LMB-QA	4	3	4	5	5	14	11	15	10	8	6	9	1	8
LMB-QA	4	3	4	5	5	18	11	15	11	9	5	8	10	9

Excalibur Resources Ltd.

Jim Kendall

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.

Date: September 29, 2010

R=Replicate Sample

127-MPH	128-MPH	129-HAR	130-HAR	131-MPH	132-ALK	133-HAR	134-HAR	135-MPH	136-MPH	137-HBI	138-HBI	139-HPH	140-HPH
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	.141-.HBI	.142-.HPI	.143-.HA	.144-.HBL	.145-.HBA	.146-.HPI	.147-.HBI	.148-.HPI	.149-.HBI	.150-.HPI	.151-.HBI	.152-.HPI	.153-.HPI	.154-.HPI
36821	9	10	64	10	83	2	6	8	10	9	8	2	3	15
36822	9	2	59	10	34	2	7	8	2	10	8	12	2	15
36823	9	10	69	11	53	16	7	8	10	10	9	12	14	2
36824	8	10	52	9	59	16	6	8	10	10	8	2	13	15
36825	10	12	78	11	38	2	7	10	11	11	9	12	15	17
36825-R	10	12	76	11	53	4	7	9	11	11	9	13	16	3
36826	10	12	75	12	53	3	8	9	11	10	9	13	17	16
36827	9	1	102	11	64	2	8	9	11	11	10	3	16	16
36828	9	11	78	11	68	17	7	9	11	10	9	13	16	3
36829	9	2	78	11	80	10	7	8	11	2	10	12	16	16
36830	8	10	42	11	33	17	6	8	10	11	9	2	15	16
36831	9	11	44	11	39	1	7	9	2	11	9	12	15	16
36832	9	10	59	10	53	4	7	9	11	10	9	13	16	16
36833	9	12	77	11	60	4	8	8	2	2	9	3	16	16
36834	9	10	63	10	54	3	7	8	11	10	9	2	16	16
36835	9	11	53	11	76	4	7	8	2	1	9	13	16	17
36836	9	10	75	12	151	17	7	8	11	10	9	14	16	15
36837	8	10	48	10	70	3	7	8	2	10	8	1	15	15
36838	8	9	64	10	55	2	6	8	9	9	8	11	14	15
36839	8	10	50	9	48	2	6	8	9	9	8	12	15	14
36840	7	1	42	1	40	2	6	7	2	2	9	8	11	14
36840-R	7	8	49	9	46	4	6	7	1	9	8	11	13	14
36841	8	1	37	9	51	2	6	7	9	9	8	1	13	14
36842	7	2	62	9	58	2	6	8	9	1	8	12	15	2
36843	8	10	37	10	39	15	6	8	9	10	8	12	14	15
36844	8	1	7	9	48	2	6	8	10	9	8	11	13	14
36845	8	10	46	9	123	4	6	8	9	9	8	2	13	15
36846	8	10	36	10	48	3	7	8	1	9	8	12	14	15
36847	8	9	39	9	28	15	6	8	10	10	8	2	13	15
36848	9	11	85	11	85	16	7	7	2	9	8	12	15	15
36849	8	9	39	10	69	3	6	7	10	9	8	12	14	15
36850	8	9	41	9	55	2	6	8	9	9	8	11	14	14
36870	8	9	50	10	39	3	6	8	9	10	8	3	14	15
36871	8	9	65	10	51	16	6	8	10	9	8	11	14	15
36872	9	10	48	11	58	2	7	8	10	10	8	2	15	15
36873	8	10	57	10	51	15	7	8	10	9	8	2	15	14
36874	8	9	56	9	47	16	6	8	10	10	9	11	14	2
36874-R	8	10	43	9	37	14	6	8	9	9	8	11	13	2
36875	8	9	58	9	51	2	6	8	10	10	8	2	14	15
36876	10	12	106	12	73	9	7	8	10	10	8	12	16	15
36877	8	10	57	9	39	16	6	8	10	10	9	1	15	3
36878	8	10	41	9	30	2	6	8	9	1	8	3	14	15
36879	8	9	41	9	30	16	6	7	2	2	8	1	16	14
36880	10	11	57	10	46	3	6	8	11	40	9	13	16	15
36881	10	10	77	10	77	3	7	8	10	10	9	13	16	16
36882	10	11	246	12	120	18	7	8	12	10	9	12	15	15
36883	8	10	55	10	56	16	6	8	10	10	8	12	15	15
36884	9	10	47	10	44	16	6	8	10	9	8	2	13	2
36885	10	10	108	12	73	3	8	8	12	10	9	12	16	16
36886	10	2	143	14	86	3	8	8	12	11	9	2	16	15
36887	9	10	68	10	48	15	6	7	10	10	8	2	15	14
36888	8	10	46	9	18	3	7	8	10	10	9	2	15	15
36889	8	9	45	11	33	3	6	7	11	10	9	11	2	3
36889-R	9	19	42	10	20	4	6	8	19	9	8	12	16	14

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.141-.HBI	.142-.HPH	.143-.HA	.144-.HBI	.145-.HBA	.146-.HPH	.147-.HBI	.148-.HPH	.149-.HBI	.150-.HPH	.151-.HBI	.152-.HPH	.153-.HPH	.154-.HPH
36890	8	-1	50	9	33	2	6	8	10	10	8	12	15	15
36891	7	9	45	9	24	1	6	8	10	9	8	11	14	15
36892	9	11	75	10	63	4	6	8	10	9	8	12	15	2
36893	8	9	66	10	37	15	6	8	10	10	9	11	14	14
36894	8	11	52	9	33	15	6	8	9	9	8	11	14	15
36895	8	9	50	11	37	3	7	8	10	10	8	11	14	16
36896	9	1	48	9	49	2	6	8	10	10	8	11	14	14
36897	9	11	60	10	44	16	7	8	10	9	9	12	15	3
36898	8	10	63	11	60	16	7	8	2	10	9	2	15	15
36899	9	11	75	10	58	16	7	8	10	10	1	12	15	15
36900	9	11	75	11	78	4	7	9	10	10	8	12	15	15
36901	8	1	61	11	35	2	7	8	10	10	8	12	15	2
36902	10	11	106	11	75	3	7	8	11	10	9	13	16	16
36903	9	11	107	11	74	3	7	9	2	10	9	12	15	16
36904	9	10	52	10	36	3	6	8	10	10	8	3	14	15
36904-R	8	11	72	11	44	5	6	8	10	1	9	12	15	2
36905	8	10	42	9	35	15	6	8	1	10	8	11	14	3
36906	8	9	80	9	46	2	6	8	2	10	9	2	14	14
36907	9	10	68	10	43	4	6	8	10	10	8	2	15	15
36908	8	9	66	10	47	2	6	8	10	9	9	11	2	15
36909	9	9	94	11	43	2	6	8	10	10	9	2	14	16
36910	9	10	52	10	38	4	6	8	1	9	8	2	15	15
36911	8	10	46	10	41	16	6	8	9	4	8	12	14	2
36912	8	10	54	10	46	2	6	8	9	1	9	12	15	16
36913	8	8	42	9	28	2	6	8	10	10	9	7	15	15
36914	8	9	47	9	49	3	7	7	10	10	8	2	14	15
36915	8	10	64	9	43	16	6	8	10	10	8	2	15	15
36916	8	10	70	10	51	1	6	8	1	10	9	2	15	3
36917	7	9	35	9	34	15	6	8	9	9	8	12	15	14
36918	9	11	55	10	45	17	6	8	10	10	9	2	14	15
36919	8	10	60	9	44	15	6	7	10	9	8	11	14	15
36919-R	8	9	53	9	51	3	6	8	10	10	9	12	14	15
36920	7	10	42	10	34	15	6	8	10	9	8	11	15	15
36921	8	10	62	10	47	15	7	8	9	9	9	12	3	15
36922	9	9	100	11	63	3	7	8	10	10	8	12	14	2
36923	7	9	38	9	27	15	6	8	10	9	8	12	16	14
36924	8	10	46	9	63	1	6	8	10	10	9	2	14	4
36925	8	10	57	10	56	2	6	8	10	9	8	2	15	15
36926	8	9	38	2	20	3	6	9	2	2	9	2	15	15
36927	8	9	37	9	26	3	6	9	9	9	8	2	15	15
36928	8	10	62	11	47	1	6	8	10	10	8	1	16	16
36929	8	10	48	11	36	3	6	8	10	9	8	2	15	14
36930	8	9	40	10	28	1	6	8	1	9	8	2	14	15
36931	8	11	49	11	56	3	7	8	10	1	8	12	15	15
36932	8	10	43	10	50	15	6	8	9	9	8	2	14	15
36933	8	2	37	10	24	2	6	7	10	10	9	12	2	15
36934	8	2	44	9	55	2	6	8	10	10	8	2	14	15
36934-R	8	9	60	2	46	16	6	8	10	10	9	2	15	16
36935	9	10	38	9	38	16	6	8	10	9	8	12	15	15
36936	8	9	56	10	45	2	6	8	10	10	8	12	14	15
36937	8	9	39	10	41	2	6	8	9	10	9	12	14	16
36938	8	8	47	9	39	3	6	8	2	10	8	12	14	15
36939	8	1	20	10	29	2	6	8	10	10	8	11	15	2
36940	8	9	33	10	24	3	6	8	9	10	8	11	13	15

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.141-HBI	.142-HPH	.143-HA	.144-HBI	.145-HBA	.146-HPH	.147-HBI	.148-HPH	.149-HBI	.150-HPH	.151-HBI	.152-HPH	.153-HPH	.154-HPH
36981	8	9	38	9	26	3	6	8	10	10	8	2	14	15
36982	8	10	35	9	24	3	6	7	10	1	9	2	2	16
36983	8	1	40	10	27	2	6	8	9	9	8	2	14	15
36984	8	9	42	11	41	3	6	8	10	2	9	2	15	16
36985	8	9	42	10	38	16	7	7	2	10	8	1	14	14
36986	8	9	46	10	50	3	6	7	10	10	9	12	15	2
36987	8	9	48	9	36	15	6	8	10	10	9	2	14	15
36988	8	9	43	9	28	2	6	8	10	10	8	11	2	16
36989	9	11	74	10	52	3	7	9	1	10	9	12	15	15
36989-R	8	10	61	11	39	15	6	8	10	9	8	2	15	15
36990	8	9	49	10	40	1	7	8	10	11	9	12	15	2
36991	8	10	41	9	32	15	6	8	9	1	8	12	14	15
36992	8	9	44	10	43	4	6	9	10	10	9	12	14	2
36993	9	1	46	10	37	2	7	8	10	2	9	12	16	15
36994	8	9	38	9	38	4	6	8	10	2	8	12	14	15
36995	10	11	71	11	54	3	7	8	10	10	9	12	15	15
36996	8	1	43	10	42	2	6	8	10	9	8	2	13	14
36997	9	10	81	10	65	2	7	8	10	2	9	11	14	2
36998	8	10	77	10	57	3	7	8	10	2	9	2	14	16
36999	8	9	42	9	46	2	6	8	1	10	9	12	14	15
37000	8	9	44	9	29	3	6	8	10	10	9	12	15	15
37053	8	10	38	10	28	4	6	8	10	9	8	11	15	15
37054	8	10	63	10	54	16	6	8	2	9	8	11	14	15
37055	8	9	40	9	39	3	6	8	9	9	9	12	15	15
37056	9	10	54	10	33	3	7	8	10	10	8	12	14	15
37056-R	8	10	50	9	38	15	6	7	2	1	8	11	14	15
37057	8	10	52	9	36	3	7	8	10	10	9	12	2	15
37058	8	9	50	10	43	4	6	7	10	1	8	6	14	15
37059	8	9	77	10	68	3	7	8	10	10	8	2	13	15
37060	8	10	67	10	52	16	6	8	10	1	9	12	15	15
37061	9	10	53	9	41	2	6	8	10	9	8	2	15	15
37062	8	9	36	10	26	15	7	8	10	10	9	2	14	15
37063	9	10	61	11	74	3	7	8	11	10	8	12	15	14
37064	10	10	55	12	96	17	8	8	2	11	10	2	15	16
37065	9	11	22	11	56	3	7	9	11	10	9	2	16	3
37066	8	1	43	10	32	2	7	8	10	9	9	1	17	16
37067	8	9	44	10	28	16	7	8	1	10	9	13	16	16
37068	8	10	35	10	32	17	7	8	10	10	9	13	16	15
LMB-QA	7	9	32	9	32	4	6	8	9	9	8	11	14	15
LMB-QA	7	10	34	10	38	3	7	8	9	8	8	1	14	14
LMB-QA	7	9	38	9	27	3	6	7	10	10	8	12	2	15
LMB-QA	7	9	37	10	25	15	6	8	10	10	8	12	2	15
LMB-QA	8	10	40	10	30	3	6	8	9	9	9	2	15	15

Excalibur Resources Ltd.
Jim Kendall
-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

Activation Laboratories Ltd.
Date: September 29, 2010
R=Replicate Sample

	141-HBI	142-HPH	143-HA	144-HBI	145-HBA	146-HPH	147-HBI	148-HPH	149-HBI	150-HPH	151-HBI	152-HPH	153-HPH	154-HPH
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SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.155 - HPH	.156 - HBI	.157 - HAR	.158 - HBA	.159 - HBA	.160 - HBI	.161 - HA	.162 - HPH
36821	14	13	13	43	16	3	55	16
36822	16	13	13	41	15	15	50	17
36823	15	13	13	44	2	17	53	17
36824	19	13	13	37	15	16	48	17
36825	17	14	14	48	3	17	15	18
36825-R	3	14	14	46	16	17	56	17
36826	15	14	14	48	16	3	38	2
36827	16	14	14	51	16	17	64	2
36828	17	13	14	44	16	17	59	19
36829	16	13	14	50	17	17	65	18
36830	17	14	13	45	16	2	53	18
36831	17	14	-1	47	-16	-17	19	18
36832	17	14	14	44	3	18	51	19
36833	18	-1	14	47	-16	2	58	19
36834	18	14	16	48	3	18	53	18
36835	18	13	14	44	17	17	24	19
36836	17	13	14	50	18	18	11	17
36837	15	13	13	41	2	2	47	17
36838	15	13	13	43	17	16	51	2
36839	15	13	13	37	15	15	40	3
36840	14	12	12	-1	15	16	28	3
36840-R	14	13	12	34	15	16	42	15
36841	14	11	11	33	14	14	44	2
36842	14	12	13	39	16	16	44	16
36843	16	12	12	38	2	15	28	16
36844	19	12	12	38	16	16	47	2
36845	15	13	13	36	14	15	10	16
36846	16	12	12	44	15	15	46	17
36847	16	12	13	35	3	15	44	3
36848	15	13	13	41	15	16	54	16
36849	16	12	13	38	2	16	45	16
36850	14	13	12	38	15	16	47	16
36870	15	13	13	41	15	15	48	3
36871	16	13	14	40	16	2	55	17
36872	15	13	13	38	15	15	45	16
36873	14	13	14	41	16	16	47	17
36874	16	12	13	42	15	16	50	2
36874-R	14	12	14	40	16	16	25	17
36875	15	13	12	41	15	17	50	17
36876	15	12	14	47	16	16	62	17
36877	16	13	13	41	16	2	50	4
36878	15	12	13	36	3	15	60	16
36879	14	12	13	38	16	2	51	16
36880	16	14	14	41	17	16	52	16
36881	16	13	-1	45	17	17	58	17
36882	19	13	14	57	2	17	84	16
36883	16	13	13	43	16	16	55	17
36884	19	12	13	42	15	16	54	3
36885	15	13	14	56	3	17	78	17
36886	15	15	15	68	18	4	99	17
36887	15	13	13	44	2	16	51	16
36888	16	13	13	39	3	15	52	17
36889	15	12	12	37	16	16	58	2
36889-R	15	12	13	36	16	16	47	17

Results represent only the material tested. Actlabs is not liable for any claim/damage from use of this report in excess of the test cost. Unless requested samples are discarded in 90 days. This report is only to be reproduced in full.

SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.155 - HPH	.156 - HBI	.157 - HAR	.158 - HBA	.159 - HBA	.160 - HBI	.161 - HA	.162 - HPH
36890	15	13	13	43	3	16	54	2
36891	15	12	13	37	16	15	54	16
36892	15	12	13	42	16	16	59	16
36893	16	13	14	42	3	18	56	2
36894	17	12	13	43	15	15	55	3
36895	16	12	13	42	17	4	56	17
36896	16	13	13	39	16	2	46	17
36897	15	13	13	40	2	2	56	16
36898	16	13	13	43	16	17	56	17
36899	16	13	13	47	2	2	53	17
36900	15	13	13	43	16	16	51	17
36901	16	13	14	35	3	17	45	3
36902	16	14	16	65	3	18	96	17
36903	15	13	15	49	17	18	68	17
36904	16	13	12	36	15	16	50	17
36904-R	15	13	13	39	15	16	56	17
36905	15	13	12	38	15	15	42	17
36906	15	12	13	44	16	2	57	16
36907	17	13	13	45	16	16	57	3
36908	14	12	13	41	16	16	64	17
36909	15	14	14	45	16	16	52	17
36910	15	13	13	38	16	3	55	16
36911	3	-1	13	39	15	16	50	3
36912	15	13	13	35	15	15	24	18
36913	15	13	13	38	2	16	53	17
36914	16	13	13	41	15	16	55	17
36915	15	13	14	36	16	16	48	3
36916	16	13	13	43	15	17	9	3
36917	15	12	13	38	3	17	49	17
36918	15	13	13	40	16	16	28	3
36919	15	12	13	41	16	17	47	17
36919-R	16	13	13	41	16	3	46	16
36920	16	13	12	40	14	15	47	3
36921	16	13	13	43	15	17	53	2
36922	15	14	14	18	16	16	51	18
36923	16	12	12	33	16	16	45	16
36924	17	13	-1	38	17	17	45	2
36925	3	12	13	40	16	15	56	17
36926	16	13	14	42	18	2	55	17
36927	14	13	14	36	16	17	48	16
36928	16	14	14	44	17	17	59	18
36929	16	13	14	43	2	2	50	17
36930	16	12	13	40	16	16	45	17
36931	16	13	13	35	17	17	45	17
36932	15	12	12	37	15	15	48	16
36933	16	-1	13	36	2	17	31	17
36934	15	13	13	39	15	16	47	17
36934-R	16	13	15	40	17	16	50	17
36935	14	13	13	36	15	16	23	16
36936	15	13	13	35	16	16	43	16
36937	16	13	13	37	17	16	45	17
36938	15	13	14	-1	16	16	42	17
36939	15	13	13	42	17	16	45	17
36940	15	13	13	37	16	17	48	17

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SOIL GAS HYDROCARBONS
(SGH) by GC/MS
STURGEON LAKE PROJECT SITE

	.155: HPH	.156: HBI	.157: HAR	.158: HBA	.159: HBA	.160: HBI	.161: HA	.162: HPH
36981	16	13	13	38	17	16	9	3
36982	15	13	13	39	4	17	7	2
36983	15	12	13	38	14	3	51	16
36984	10	13	13	40	16	17	50	16
36985	15	13	13	38	15	15	24	16
36986	3	12	12	38	17	17	54	15
36987	16	-1	13	41	16	16	29	17
36988	15	13	13	40	15	16	50	16
36989	16	13	13	43	17	17	57	18
36989-R	16	12	12	38	15	2	54	16
36990	16	14	14	34	17	16	45	17
36991	15	13	13	39	16	15	49	17
36992	16	13	14	42	17	18	33	2
36993	15	13	14	37	2	15	9	3
36994	15	13	12	40	3	16	46	17
36995	16	13	14	45	17	17	55	17
36996	15	13	12	34	2	16	49	17
36997	15	13	13	46	16	17	58	18
36998	16	13	14	45	17	18	61	17
36999	16	12	12	38	16	17	54	16
37000	16	14	13	38	16	16	11	3
37053	15	13	13	36	2	16	52	17
37054	15	13	13	40	15	16	53	16
37055	10	12	14	44	16	16	58	3
37056	15	13	14	43	15	15	55	3
37056-R	10	13	13	40	2	15	27	3
37057	15	14	14	43	3	17	50	17
37058	15	13	13	40	17	3	51	17
37059	16	12	13	45	16	17	54	17
37060	15	13	13	42	16	16	56	17
37061	16	13	14	38	15	2	55	17
37062	16	14	13	38	3	17	49	17
37063	16	12	13	50	17	17	11	16
37064	17	15	16	74	20	19	96	18
37065	16	14	15	-1	18	3	61	17
37066	15	13	14	1	16	10	57	18
37067	16	14	14	40	3	16	58	3
37068	16	12	13	38	3	17	30	17
LMB-QA	15	12	13	36	15	15	43	17
LMB-QA	15	13	13	38	16	16	50	17
LMB-QA	15	13	13	21	17	16	45	17
LMB-QA	16	13	13	38	16	18	48	17
LMB-QA	15	13	14	40	15	16	29	18

	.155 - HPH	.156 - HBI	.157 - HAR	.158 - HBA	.159 - HBA	.160 - HBI	.161 - HA	.162 - HPH