



# Exploration Technologies, Inc.

7755 Synott Road Houston, Texas 77083 (281) 530-4300 FAX (281) 530-4308

## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2485 7.0'	322.8	0.360	0.000	0.080	0.000	0.030	0.090	0.5	3.8	1.7	0.6	6.6
2486 7.0	62,985.8	22.800	0.000	0.220	0.000	4.010	63.770	217.0	40.5	2.2	0.0	259.7
2487 7.0'	107,501.2	213.210	0.000	16.560	0.000	338.250	3,448.400	21,012.8	5,740.0	440.5	53.1	27,246.4
2489 7.0'	347,222.2	515.720	0.000	116.510	0.000	1,746.100	15,652.230	2,373.7	945.6	249.8	43.6	3,612.7
2490 7.0'	162,864.0	219.880	0.000	97.170	0.000	2,375.790	22,699.150	2,690.6	497.4	173.9	30.6	3,392.5
2491 7.0'	196,284.5	81.940	0.000	37.640	0.000	109.570	1,059.960	1,260.8	550.8	180.7	61.0	2,053.3
2492 7.0'	24,183.4	19.490	0.000	11.760	0.000	260.210	3,292.300	3,925.2	1,384.0	289.4	53.3	5,651.9
2493 7.0'	204,235.4	246.820	0.000	67.060	0.000	2,623.210	21,067.790	2,334.5	688.5	204.9	29.0	3,256.9
2494 7.0'	53,720.4	16.460	0.000	2.030	0.000	39.040	354.910	597.9	409.0	217.6	55.8	1,280.3
2495 7.0'	973.6	0.310	0.000	0.140	0.000	0.640	4.140	0.0	32.4	30.7	29.9	93.0
2496 7.0'	14.5	0.070	0.000	0.040	0.000	0.100	0.790	0.0	7.4	3.4	3.5	14.3
2497 7.0'	15,249.7	24.510	0.000	18.760	0.000	986.150	9,663.010	50,888.1	9,324.8	59.4	0.0	60,272.3
2498 7.0'	27.6	0.110	0.000	0.090	0.000	0.880	8.040	34.1	26.6	20.7	12.2	93.6
2499 7.0'	322,683.6	242.610	0.000	254.380	0.000	5,221.820	33,082.850	2,248.3	636.4	299.9	47.9	3,232.5
2500 7.0'	330,413.9	215.840	0.000	249.870	0.000	5,988.080	35,310.530	1,806.7	401.0	388.4	89.2	2,685.3
2501 7.0'	184,720.3	153.170	0.000	313.820	0.000	4,703.500	24,174.600	43,604.9	4,426.5	640.5	55.2	48,727.1
2502 7.0'	322,534.9	445.600	0.000	675.490	0.000	8,671.600	39,161.800	38,695.1	1,071.6	532.0	58.4	40,357.1
2503 7.0'	340,618.4	501.530	0.000	633.230	0.000	7,526.500	32,728.500	38,483.7	3,256.1	694.0	88.6	42,522.4
2504 7.0'	2.7	0.050	0.000	0.030	0.000	0.050	0.270	49.6	75.6	32.3	10.9	168.4
2505 7.0'	11,559.4	25.620	0.000	39.060	0.000	435.640	2,233.600	14,982.8	8,320.9	2,952.8	1,262.6	27,519.1
2506 7.0'	14,768.2	61.130	0.000	138.840	0.000	2,097.800	11,877.600	46,538.8	6,645.3	1,074.4	230.0	54,488.5
2507 7.0'	317,857.7	1,200.520	0.000	943.650	0.000	7,762.100	30,501.100	30,730.1	6,261.0	594.7	145.0	37,730.8
2508 7.0'	3,139.8	8.130	0.000	3.440	0.000	40.850	206.490	1,613.8	1,026.5	338.1	103.2	3,081.6
2509 7.0'	177,598.5	227.040	0.000	19.800	0.000	500.680	288.880	1,614.7	567.7	127.0	53.3	2,362.7
2510 7.0'	16.1	0.030	0.000	0.040	0.000	0.790	1.180	2.5	12.2	2.8	0.0	17.5
2511 7.0'	11,014.6	21.900	0.000	31.200	0.000	542.930	3,390.900	33,515.6	16,090.2	5,230.1	2,708.6	57,544.5
2512 5.0'	3,562.9	4.840	0.000	2.990	0.000	39.750	25.330	117.0	108.8	0.0	0.0	225.8
2513 7.0'	309,731.3	91.530	0.000	35.160	0.000	820.570	2,949.000	27,343.4	9,908.2	1,140.3	0.0	38,391.9
2514 7.0'	227,136.9	165.010	0.000	46.980	0.000	1,000.300	4,916.800	2,730.0	1,432.2	45.4	12.1	4,219.7
2515 7.0'	223,267.5	67.380	0.000	43.380	0.000	994.800	5,275.300	2,760.8	1,782.5	210.1	92.1	4,845.5
2516 7.0'	109,412.2	190.000	0.000	79.940	0.000	1,555.400	8,693.900	2,289.1	1,320.6	246.8	0.0	3,856.5



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2517 7.0'	22,905.8	5.960	0.000	7.490	0.000	194.250	822.540	12,453.9	8,046.5	1,642.5	453.9	22,596.8
2518 7.0'	512,754.8	116.410	0.000	63.920	0.000	3,155.410	507.340	1,094.6	998.9	22.9	109.6	2,226.0
2519 7.0'	2,116.9	0.550	0.000	0.850	0.000	24.660	75.840	292.2	169.8	25.3	5.3	492.6
2520 7.0'	202.0	0.480	0.000	0.170	0.000	0.150	0.130	0.2	0.0	0.9	0.0	1.1
2521 7.0'	37,505.8	56.550	0.000	24.140	0.000	1,660.290	207.080	579.9	557.6	47.9	54.2	1,239.6
2522 7.0'	69.2	0.030	0.000	0.010	0.000	0.550	0.030	0.0	3.1	0.4	0.0	3.5
2523 7.0'	24.1	0.020	0.000	0.010	0.000	0.070	0.010	0.0	0.0	0.4	0.0	0.4
2524 7.0'	51.9	0.030	0.000	0.020	0.000	0.050	0.040	0.0	0.0	0.4	0.0	0.4
2525 7.0'	1.6	0.010	0.000	0.010	0.000	0.010	0.010	0.0	0.0	0.3	0.0	0.3
2526 7.0'	3,813.2	1.920	0.000	0.060	0.000	1.410	3.460	1.4	3.0	1.4	0.0	5.8
2527 7.0'	311.8	0.840	0.000	1.440	0.000	0.630	4.270	2.3	0.0	0.0	0.0	2.3
2528 7.0'	15.7	0.080	0.000	0.080	0.000	0.060	0.050	0.8	0.4	0.0	0.0	1.2
2529 7.0'	1.8	0.000	0.000	0.010	0.000	0.020	0.020	0.0	0.0	0.2	0.0	0.2
2530 7.0'	6,924.2	0.810	0.000	0.900	0.000	13.010	109.010	744.9	508.2	113.8	0.0	1,366.9
2531 7.0'	103,261.9	16.690	0.000	5.390	0.000	326.920	63.890	698.0	584.3	19.6	0.0	1,301.9
2532 7.0'	173,434.5	32.440	0.000	6.650	0.000	469.200	28.550	759.8	519.4	1.8	0.0	1,281.0
2533 7.0'	64,118.5	59.520	0.000	3.340	0.000	31.780	0.650	126.8	38.6	6.6	0.0	172.0
2534 5.0'	176.8	0.520	0.000	0.040	0.000	0.020	0.030	4.4	0.0	0.2	0.0	4.6
2535 6.0'	2.5	0.010	0.000	0.020	0.000	0.020	0.030	0.0	0.0	0.4	0.0	0.4
2536 7.0'	245.0	0.390	0.000	0.210	0.000	0.080	0.130	0.0	0.0	0.4	0.0	0.4
2537 7.0'	19,336.2	2.220	0.000	0.700	0.000	1.040	0.250	0.0	8.5	2.6	4.2	15.3
2538 7.0'	2,100.8	0.180	0.000	0.060	0.000	0.870	0.040	0.0	0.3	0.5	0.0	0.8
2539 7.0'	1,355.9	2.040	0.000	1.630	0.000	11.070	48.510	14.5	6.0	0.9	0.3	21.7
2540 7.0'	369.8	0.580	0.000	0.230	0.000	0.070	0.130	0.0	0.0	0.6	0.0	0.6
2541 6.5'	4.0	0.020	0.000	0.040	0.000	0.030	0.030	0.0	0.0	0.4	0.0	0.4
2542 5.0'	2.2	0.020	0.000	0.020	0.000	0.010	0.030	0.0	0.0	1.4	0.0	1.4
2543 6.0'	2.0	0.010	0.000	0.030	0.000	0.050	0.030	0.0	0.0	0.3	0.0	0.3
2544 7.0'	93.1	0.140	0.000	0.040	0.000	0.020	0.020	0.0	0.0	0.5	0.2	0.7
2545 7.0'	218.3	0.140	0.000	0.050	0.000	0.040	0.040	0.0	0.0	0.5	0.0	0.5
2546 7.0'	507.5	1.760	0.000	0.540	0.000	1.620	6.260	2.3	3.6	1.2	0.2	7.3
2547 7.0'	62.5	0.210	0.000	0.370	0.000	3.830	21.050	53.7	22.0	0.3	0.0	76.0



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TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2548 7.0'	2.6	0.076	0.011	0.195	0.025	0.050	0.219	0.0	0.0	0.4	0.0	0.4
2549 5.0'	5,353.1	7.066	0.610	1.904	0.497	0.386	0.868	2.6	5.1	3.0	0.0	10.7
2550 5.0'	54.9	0.084	0.008	0.110	0.015	0.055	0.250	0.1	0.6	1.1	0.0	1.8
2551 7.0'	8.8	0.097	0.105	0.070	0.104	0.036	0.049	0.0	0.0	0.2	0.2	0.4
2552 7.0'	7.3	0.087	0.022	0.063	0.027	0.040	0.118	0.0	0.0	0.5	0.0	0.6
2553 7.0'	49.8	0.831	0.632	0.487	0.602	0.113	0.225	0.1	0.1	0.4	0.0	0.6
2554 7.0'	88.5	0.179	0.022	0.088	0.018	0.051	0.033	0.0	0.0	0.6	0.0	0.7
2555 5.0'	3.0	0.058	0.009	0.047	0.018	0.044	0.025	0.1	0.0	0.6	1.1	1.7
2556 7.0'	3,546.1	2.606	0.000	0.172	0.039	0.105	0.300	16.3	28.8	6.6	0.0	51.7
2557 7.0'	1,410.6	0.519	0.158	0.158	0.059	0.142	1.974	2,545.5	5,760.4	1,909.2	211.2	10,426.3
2558 7.0'	19,182.3	7.490	0.532	1.186	0.977	4.645	151.630	9,002.2	6,239.0	480.0	168.7	15,889.8
2559 5.0'	189,316.0	51.620	0.206	0.453	0.151	12.128	144.960	19,093.4	11,019.4	444.0	19.7	30,576.5
2560 7.0'	22.5	0.219	0.078	0.016	0.013	0.087	1.968	1,734.0	2,586.9	1,238.9	449.9	6,009.7
2561 7.0'	2,969.8	4.312	1.065	0.699	0.570	0.858	18.097	14,836.2	13,858.2	4,720.6	2,618.3	36,033.3
2562 7.0'	11,221.2	26.023	1.525	3.620	0.788	5.201	113.910	9,244.3	7,988.6	2,356.8	1,943.2	21,532.9
2563 7.0'	7,976.2	26.661	1.008	1.452	0.000	13.811	148.280	40,882.9	25,987.8	11,937.8	1,506.6	80,315.1
2564 7.0'	2,111.0	3.241	0.064	8.080	0.078	3.144	39.719	36,798.0	25,754.2	7,636.2	7,893.5	78,082.0
2565 7.0'	30,936.5	9.492	0.000	0.208	0.021	17.289	162.610	5,488.8	2,444.5	710.0	325.7	8,969.1
2566 7.0'	83,261.4	34.772	0.469	2.607	0.293	139.140	1,444.900	36,351.2	9,369.4	1,037.5	157.8	46,915.8
2567 7.0'	34,088.3	13.037	0.000	1.908	0.000	106.490	1,209.900	33,178.9	10,158.6	1,234.7	0.0	44,572.2
2568 7.0'	49,636.6	13.768	0.000	1.232	0.000	84.623	849.370	30,613.8	13,172.8	1,753.7	200.0	45,740.4
2569 7.0'	12,477.0	45.097	1.729	9.213	0.000	61.659	1,252.400	10,031.6	8,413.4	2,188.1	2,632.7	23,265.8
2570 7.0'	18,526.0	46.738	1.830	7.027	3.813	32.536	519.040	7,949.3	8,792.9	4,168.2	2,816.8	23,727.2
2571 7.0'	716.7	1.222	0.000	0.100	0.013	15.162	304.740	5,626.1	3,977.5	1,278.3	311.1	11,193.0
2572 7.0'	15,611.2	16.827	2.625	7.002	0.000	368.770	4,638.600	9,303.5	6,330.4	2,073.3	1,640.2	19,347.5
2573 7.0'	4,736.2	24.621	0.000	9.683	2.781	1,025.400	10,982.600	12,065.0	7,985.0	1,993.6	3,009.4	25,052.9
2574 7.0'	31,737.5	6.131	0.675	2.942	0.480	139.010	1,365.900	32,229.8	14,438.3	2,302.7	232.8	339,272.0
2575 7.0'	186,603.1	23.927	0.377	1.700	0.344	83.477	588.900	25,315.5	16,841.0	2,372.3	277.3	44,806.2
2576 7.0'	2,936.6	0.158	0.000	0.074	0.013	3.720	29.209	0.0	76.9	18.5	5.1	100.5
2577 6.0'	2,903.5	0.158	0.100	0.090	0.089	0.057	0.149	5.7	2.2	2.9	1.3	12.2
2578 7.0'	13,076.2	9.233	0.259	4.665	0.341	0.893	2.285	0.0	34.8	8.2	0.0	43.0



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SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2579 5.0'	207.3	0.166	0.019	0.039	0.018	0.025	0.024	0.0	0.0	0.0	0.0	0.0
2580 7.0'	11,597.8	1.717	0.097	0.228	0.202	1.495	16.428	1,129.1	2,875.0	190.2	0.0	4,194.2
2581 7.0'	45,462.3	14.013	0.279	0.675	0.868	43.265	535.630	14,438.5	9,537.2	2,046.9	54.4	26,076.9
2582 7.0'	449.0	0.313	0.000	0.025	0.020	0.306	4.180	0.0	56.4	10.9	4.0	71.3
2583 7.0'	182,773.0	36.231	0.000	3.707	1.065	337.730	3,791.100	4,575.5	2,430.3	553.3	181.5	7,740.6
2584 7.0'	5,052.6	1.670	0.065	0.337	0.000	19.618	261.720	13,287.8	11,398.6	3,405.2	457.5	28,549.1
2585 7.0'	14,707.0	2.655	0.000	0.468	0.000	28.509	435.960	4,352.1	3,365.1	922.1	301.4	8,940.6
2586 7.0'	8,965.6	4.986	0.243	1.130	0.000	65.854	643.810	16,618.8	9,826.8	2,434.5	349.1	29,229.3
2587 7.0'	2,394.4	1.866	0.144	1.006	0.000	39.219	560.050	4,173.7	3,059.6	931.4	400.2	8,564.8
2588 7.0'	17,861.6	34.930	0.498	10.960	0.436	534.380	4,140.000	38,961.1	11,766.2	1,444.9	91.6	52,263.8
2589 7.0'	1,842.5	2.203	1.915	2.286	0.036	97.645	757.690	20,465.5	13,507.0	5,203.8	912.8	40,089.1
2590 7.0'	67,418.3	61.885	5.394	53.277	46.036	1,443.500	8,954.000	61,174.1	14,033.3	1,194.7	109.8	76,511.9
2591 7.0'	283.6	1.946	0.474	5.043	0.701	211.670	1,853.800	48,551.2	28,386.2	11,575.3	3,279.1	91,791.8
2592 7.0'	9,140.8	5.493	0.000	0.753	2.857	315.890	2,163.700	39,205.3	15,866.4	2,968.8	340.6	58,381.1
2593 7.0'	426.2	0.068	0.200	0.118	0.038	2.322	14.024	38.9	19.1	28.8	26.2	113.0
2594 7.0'	204,967.9	522.549	72.433	602.040	20.056	7,843.800	27,126.100	40,599.6	7,944.2	1,285.3	176.3	50,005.3
2595 7.0'	33,458.0	3.360	0.227	0.142	0.000	55.142	362.840	1,066.9	874.1	350.7	163.3	2,455.0
2596 6.0'	100.3	0.623	0.115	0.383	0.093	4.696	23.375	751.4	810.4	425.0	149.0	2,135.7
2597 7.0'	17.6	0.013	0.000	0.004	0.010	0.098	0.376	0.0	2.4	0.9	0.2	3.5
2598 7.0'	322,801.3	336.980	37.277	294.730	7.170	5,157.200	17,426.100	44,996.9	9,121.6	1,184.2	167.7	55,470.3
2599 7.0'	437,197.5	138.968	4.625	101.340	0.326	2,299.200	7,673.300	2,750.3	3,162.0	620.0	129.3	6,661.5
2600 7.0'	237,915.7	93.888	0.136	46.416	0.935	940.490	3,029.200	29,742.7	14,645.5	1,659.2	177.1	46,224.6
2601 7.0'	289,016.4	120.158	0.949	61.285	0.000	2,336.700	7,876.200	22,103.9	9,987.4	2,064.6	1,366.7	35,522.6
2602 7.0'	2,337.7	3.295	0.119	2.292	0.000	149.560	987.540	34,313.2	16,958.7	3,923.8	2,405.7	57,601.5
2603 7.0'	20,800.7	1.385	0.000	0.513	0.539	0.308	0.982	0.0	12.8	6.8	2.8	22.4
2604 5.0'	14,540.6	9.984	0.178	0.516	0.239	3.925	1.470	93.0	25.8	5.8	3.7	128.3
2605 7.0'	5,421.3	0.339	0.000	0.050	0.021	0.121	0.083	0.0	0.9	0.9	0.4	2.2
2606 7.0'	6,996.6	0.883	0.128	0.267	0.077	1.709	3.583	381.8	257.3	149.8	24.3	813.2
2607 7.0'	182.9	0.085	0.015	0.091	0.022	0.150	0.097	0.0	0.0	0.0	0.0	0.0
2608 7.0'	31,422.5	14.255	0.128	3.944	0.273	134.090	323.770	2,009.6	633.1	27.7	0.0	2,670.4
2609 7.0'	442.3	0.142	0.017	0.071	0.021	0.069	0.094	0.0	0.0	0.4	0.0	0.4



# Exploration Technologies, Inc.

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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2610 7.0'	278,150.8	58.369	0.000	128.770	0.000	4,755.400	20,084.700	48,975.7	7,391.4	789.7	107.7	57,264.6
2611 7.0'	305,256.9	61.723	0.297	191.830	3.321	6,491.500	24,522.200	46,236.0	5,726.8	519.7	63.5	52,546.1
2612 7.0'	100,275.1	7.404	0.267	11.751	0.000	383.736	1,027.774	761.5	833.2	10.2	15.0	1,619.9
2613 7.0'	8.2	0.005	0.005	0.021	0.005	0.034	0.119	0.0	2.5	3.6	0.0	6.1
2614 7.0'	196,756.6	63.422	1.010	498.870	2.669	10,340.300	33,772.900	30,869.0	6,067.4	803.0	123.6	37,863.0
2615 7.0'	90,169.8	37.918	0.910	200.776	0.000	5,759.222	19,662.990	2,207.3	1,557.1	398.6	93.9	4,257.0
2616 7.0'	94,650.5	22.261	0.969	186.681	0.000	5,950.361	23,474.494	3,904.8	1,302.4	218.9	47.6	5,473.8
2617 7.0'	44,724.3	7.737	0.000	70.092	1.542	1,906.600	7,352.300	37,101.3	12,031.9	1,858.7	416.6	51,408.5
2618 7.0'	106,495.4	18.385	0.687	99.246	0.000	3,539.340	16,046.644	3,825.6	1,155.6	363.1	91.7	5,435.9
2619 7.0'	24,631.6	6.899	0.713	31.057	0.570	1,189.200	5,592.000	4,312.6	2,334.2	117.8	4.6	6,769.2
2620 7.0'	108,854.7	56.000	1.172	186.630	9.353	5,617.000	20,613.500	34,298.7	4,626.9	85.8	8.4	39,019.9
2621 7.0'	182,387.0	132.284	0.542	0.802	0.908	1.695	5.995	129.0	107.2	55.4	3.9	295.5
2622 7.0'	61,920.0	24.305	0.189	0.250	0.089	0.435	0.997	0.0	0.0	2.3	0.0	2.3
2623 7.0'	68.0	0.313	0.520	0.228	0.213	0.114	0.085	0.0	0.0	0.0	0.0	0.0
2624 7.0'	16.2	0.569	0.176	0.225	0.124	0.043	0.089	0.0	0.0	0.8	0.0	0.8
2625 7.0'	79.8	0.235	0.095	0.093	0.109	0.047	0.038	0.0	0.0	0.1	0.0	0.1
2626 7.0'	2.8	0.080	0.025	0.037	0.014	0.028	0.020	0.0	2.6	2.0	0.3	4.9
2627 7.0'	8,221.4	4.793	0.122	0.137	0.105	0.630	9.143	281.6	294.3	73.8	0.0	649.7
2628 7.0'	30,380.9	859.765	59.480	251.120	42.904	28.167	613.840	3,126.3	2,108.7	841.6	518.6	6,595.1
2629 7.0'	98,080.1	817.105	56.115	68.979	2.375	17.649	558.430	9,320.5	9,266.8	3,754.3	729.6	23,071.3
2630 7.0'	257.3	1.018	0.235	0.315	0.045	11.611	86.310	1,807.4	1,501.2	627.6	171.5	4,107.7
2631 7.0'	10,944.0	3.633	0.183	7.708	0.218	256.480	1,611.300	2,496.6	1,048.9	459.7	185.5	4,190.6
2632 7.0'	135.0	0.342	0.128	0.840	0.049	33.743	215.510	2,403.5	2,288.5	1,067.4	339.2	6,098.6
2633 7.0'	13.7	0.084	0.041	0.032	0.020	0.224	4.272	370.3	372.3	169.6	20.0	932.2
2634 7.0'	81.9	0.041	0.032	0.034	0.020	0.030	0.124	0.0	5.7	5.8	6.5	18.1
2635 7.0'	2.6	0.042	0.021	0.017	0.020	0.017	0.019	0.0	0.0	0.8	1.0	1.8
2636 7.0'	6,828.3	6.308	0.098	0.183	0.058	3.769	46.586	4,409.8	3,528.3	925.7	33.6	8,897.4
2637 7.0'	105.1	0.462	0.237	0.128	0.370	0.036	0.163	19.7	29.7	12.7	0.0	62.1
2638 7.0'	175,629.1	89.628	0.293	1.582	0.516	18.085	253.460	2,183.1	2,187.1	119.1	0.0	4,489.4
2639 7.0'	385,951.9	243.929	2.795	267.000	1.357	5,697.400	29,862.000	7,090.7	4,982.0	542.9	66.8	12,682.4
2640 7.0'	268,433.2	385.770	15.870	359.200	11.259	6,140.700	28,631.800	2,156.1	916.5	294.7	68.7	3,436.0



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
2641 7.0'	28,125.7	52.499	0.353	23.862	1.520	1,251.800	6,968.700	27,082.2	5,749.7	489.5	45.3	33,366.7
2643 7.0'	17,527.2	0.367	0.016	0.136	0.023	0.280	1.181	28.0	146.1	172.6	54.8	401.5
2644 7.0'	37,245.8	154.510	0.380	12.456	0.000	867.440	9,744.800	52,161.0	9,291.2	971.8	58.6	62,482.6
2645 7.0'	3,374.0	3.012	0.205	7.230	0.003	336.820	2,755.100	6,202.3	3,088.8	717.8	200.2	10,209.2
2646 7.0'	109.5	0.249	0.060	0.093	0.088	0.074	0.315	11.8	4.6	1.2	0.0	17.5
2647 7.0'	12.7	0.183	0.008	0.078	0.015	0.030	0.036	0.0	0.0	0.8	0.5	1.3
2648 7.0'	115.4	3.069	1.182	1.122	0.904	0.226	0.687	4.7	1.8	1.2	0.1	7.8
2649 7.0'	98.2	2.006	0.293	0.897	0.217	2.387	6.538	16.0	7.5	1.7	0.0	25.3
2650 7.0'	337,489.5	117.687	0.144	1.564	0.000	126.750	758.400	2,066.8	1,147.7	6.6	0.0	3,221.0
2651 7.0'	447.8	0.123	0.023	0.029	0.011	0.213	1.839	1.3	0.6	0.0	0.0	1.9
2652 5.0'	73,238.1	14.060	3.349	0.938	1.336	6.590	16.972	176.0	83.5	0.0	0.0	259.5
2653 7.0'	539,689.4	222.334	0.052	2.053	0.109	140.160	1,791.500	8,686.7	4,839.8	8.9	0.0	13,535.4
2654 7.0'	344,147.2	96.725	0.460	4.328	0.455	237.440	1,825.600	10,040.3	6,442.4	14.9	0.0	16,497.6
3060 7.0'	202,817.5	486.340	2.629	0.727	0.668	3.254	165.560	46,395.6	11,883.0	935.8	77.4	59,291.8
3061 7.0'	296,372.3	414.055	0.784	0.113	0.204	0.826	44.333	8,422.3	3,515.3	312.9	0.0	12,250.5
3062 7.0'	242,512.7	304.833	0.000	0.361	0.588	0.327	9.324	31,236.2	17,133.9	2,389.5	0.0	50,759.6
3063 7.0'	155,806.8	447.010	14.878	1.677	4.102	0.617	3.433	23,201.7	20,359.4	10,974.6	818.2	55,354.0
3064 7.0'	10,229.6	600.661	17.242	2.253	3.087	0.234	2.934	7,242.0	9,388.5	2,497.0	533.4	19,660.9
3065 7.0'	248,830.0	166.055	0.000	0.837	0.014	6.756	104.490	30,480.2	13,374.1	1,599.9	84.7	45,538.9
3066 7.0'	1.7	0.007	0.007	0.013	0.011	0.022	0.018	0.0	2.7	3.5	0.0	6.2
3067 7.0'	1,419.0	0.121	0.027	0.023	0.036	0.038	0.140	0.0	1.8	2.2	0.0	3.9
3068 7.0'	111,413.9	32.984	0.000	0.922	0.041	0.179	0.910	13.5	116.2	130.4	0.0	260.2
3069 7.0'	138,274.9	72.270	0.232	0.549	0.121	0.164	0.580	4.2	64.1	79.3	1.5	149.0
3070 7.0'	52,386.6	14.986	0.110	0.192	0.093	0.060	0.141	4.6	55.4	63.4	0.0	123.4
3071 7.0'	31,783.9	1.377	0.000	0.148	0.007	0.061	0.117	0.0	8.5	17.9	0.8	27.2
3072 7.0'	13,096.3	1.681	0.028	0.109	0.025	0.054	0.125	0.0	14.4	31.6	0.0	45.9
3073 7.0'	243,689.7	36.296	4.435	3.293	1.046	0.161	4.955	3.9	10.1	24.5	2.9	41.4
3074 7.0'	35,276.8	4.949	1.046	0.824	0.678	0.594	3.171	4.4	2.9	12.4	0.0	19.7
3075 5.0'	243,241.8	37.560	0.116	2.513	0.189	6.283	13.405	0.1	0.5	2.3	0.0	3.0
3076 7.0'	126,456.9	11.658	2.414	0.898	0.485	0.793	2.621	11.1	4.3	1.6	0.0	17.0
3077 7.0'	128,784.7	11.466	0.122	1.785	0.163	2.963	7.620	31.4	6.5	0.0	0.0	38.0



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3078 7.0'	56,800.1	13.261	0.440	3.941	0.408	1.190	3.678	13.3	10.4	1.5	0.0	25.3
3079 7.0'	2.3	0.015	0.004	0.023	0.006	0.016	0.016	0.0	0.0	0.4	0.2	0.6
3080 7.0'	188,082.5	62.742	0.262	103.270	0.000	3,322.300	10,196.800	18,246.7	5,902.8	1,027.3	187.1	25,363.9
3081 7.0'	243,247.0	107.854	0.170	32.592	0.070	2,016.500	8,392.500	2,353.8	1,828.6	27.8	26.9	4,237.1
3082 7.0'	426.6	0.239	0.109	0.369	0.014	13.123	65.856	407.8	365.0	18.3	7.1	798.2
3083 7.0'	7,687.2	14.010	0.262	0.774	0.000	41.486	136.500	1,586.5	920.5	318.6	75.4	2,901.0
3084 7.0'	19,759.0	5.820	0.525	3.754	0.000	141.370	695.620	1,824.6	1,142.5	426.5	90.3	3,483.8
3085 7.0'	125.0	0.047	0.005	0.022	0.006	0.044	0.294	1.6	1.1	1.2	0.8	4.9
3086 7.0'	90,444.0	22.375	0.829	11.808	0.000	552.500	2,691.000	1,795.5	843.1	149.8	49.5	2,837.8
3087 7.0'	115,423.8	13.641	1.124	8.856	1.616	277.040	1,557.700	2,091.0	921.9	309.0	118.8	3,440.7
3088 7.0'	275,073.5	63.692	0.431	23.923	0.000	1,505.300	6,364.600	15,908.4	4,999.4	70.4	129.4	21,107.7
3089 7.0'	176,377.0	46.828	0.065	19.157	1.652	1,160.200	5,400.000	2,443.4	1,400.3	58.3	5.9	3,908.0
3090 7.0'	1,114.9	0.149	0.083	0.108	0.027	2.742	10.947	0.0	10.2	1.9	0.5	12.6
3091 7.0'	21,104.8	7.700	0.832	3.062	0.467	82.611	417.350	1,791.9	480.3	28.4	5.0	2,305.6
3092 7.0'	38,242.6	13.009	0.094	4.468	9.206	305.780	1,893.000	2,755.9	884.3	131.9	20.7	3,792.9
3093 7.0'	12,819.4	5.478	0.445	1.580	0.161	58.764	334.970	1,764.4	576.1	102.7	31.0	2,474.2
3094 7.0'	7,661.3	3.678	2.522	1.255	0.468	40.996	229.900	822.6	166.3	2.9	0.3	992.1
3095 7.0'	1,685.3	0.599	0.107	0.207	0.062	1.475	9.204	15.1	14.9	2.5	0.3	32.8
3096 7.0'	6,804.2	10.923	0.567	4.140	0.342	1.098	1.580	6.5	2.0	0.7	0.0	9.3
3097 7.0'	7,270.8	8.760	0.000	3.790	0.000	0.860	1.640	0.6	6.5	5.2	0.7	13.0
3359 5.0'	2.0	0.012	0.015	0.016	0.018	0.009	0.018	0.0	0.0	0.7	0.0	0.7
3361 7.0'	1.5	0.012	0.032	0.011	0.015	0.012	0.023	0.0	0.0	0.8	0.0	0.8
3362 5.0'	1.5	0.005	0.042	0.012	0.019	0.009	0.013	0.0	0.0	0.7	0.0	0.7
3363 7.0'	196.9	0.012	0.000	0.019	0.032	0.008	0.028	0.0	0.0	0.6	0.0	0.6
3364 7.0'	9,710.9	0.922	0.138	0.451	0.117	0.118	0.189	1.5	3.3	2.0	0.1	7.0
3365 7.0'	6,855.5	0.179	0.063	0.119	0.038	0.025	0.079	0.0	0.5	0.9	0.0	1.4
3366 7.0'	15,694.3	1.305	0.112	0.587	0.080	0.146	0.245	4.2	3.2	1.4	0.0	8.7
3367 7.0'	123.2	0.013	0.013	0.034	0.015	0.015	0.038	0.0	0.0	0.9	0.0	0.9
3368 7.0'	44.6	1.257	0.103	0.329	0.089	0.056	0.097	0.0	0.5	1.0	0.0	1.5
3369 7.0'	46.8	0.376	0.115	0.173	0.089	0.037	0.077	0.0	0.0	0.7	0.0	0.7
3370 7.0'	1,525.2	3.293	0.497	1.587	0.352	0.314	0.514	0.0	0.0	0.7	0.0	0.7



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3371 7.0'	0.9	0.020	0.012	0.016	0.024	0.037	0.017	0.0	0.0	1.0	0.0	1.0
3372 7.1'	13,542.9	5.422	0.817	2.250	0.662	0.455	0.779	0.0	0.2	1.0	0.0	1.2
3373 7.0'	997.4	8.892	0.607	3.773	0.400	0.724	1.357	0.0	0.2	0.7	0.0	0.9
3374 7.0'	454.5	7.975	0.882	3.594	0.605	0.821	1.290	0.0	0.9	1.4	0.0	2.4
3375 7.0'	1.7	0.012	0.003	0.056	0.011	0.017	0.024	0.0	0.0	0.8	0.1	0.9
3376 7.0'	5,465.9	9.209	0.453	3.650	0.358	0.730	0.976	0.0	0.0	1.9	16.8	18.7
3377 7.0'	5,552.0	4.978	0.342	1.852	0.239	0.457	0.585	3.2	32.6	47.7	23.6	107.0
3378 7.0'	8,607.6	4.903	1.237	1.853	0.938	0.247	0.682	0.0	0.8	7.0	0.0	7.9
3379 7.0'	45,890.6	1.368	0.000	0.680	0.137	0.233	0.371	0.3	0.5	3.6	2.4	6.8
3380 7.0'	23,856.8	4.706	0.408	1.490	0.219	0.336	0.627	0.0	3.3	1.0	0.0	4.3
3381 7.0'	852.2	0.194	0.154	0.048	0.065	0.030	0.051	0.6	2.4	1.4	0.0	4.4
3382 7.0'	3,858.3	2.450	0.534	0.845	0.360	0.150	0.320	0.0	0.2	0.6	0.0	0.8
3383 7.0'	6,050.3	1.753	0.219	0.991	0.144	0.223	0.391	0.7	5.6	0.7	0.0	7.0
3384 7.0'	27.1	0.027	0.090	0.025	0.039	0.031	0.032	0.0	0.0	0.7	0.0	0.7
3386 7.0'	34,668.8	3.209	0.446	0.747	0.157	0.139	0.213	0.0	0.0	0.7	0.0	0.7
3387 7.0'	2,922.6	1.982	0.280	0.666	0.111	0.136	0.225	0.0	0.0	0.8	0.0	0.8
3388 7.0'	8,620.2	20.108	0.270	8.444	0.258	1.871	2.070	0.0	0.0	0.9	0.0	0.9
3389 7.0'	25,994.1	5.411	0.360	1.390	0.184	0.262	0.315	0.0	0.0	0.6	0.0	0.6
3390 7.0'	8.3	0.020	0.036	0.025	0.020	0.016	0.036	0.0	0.0	0.6	0.0	0.6
3391 7.0'	8,022.3	9.284	0.066	2.319	0.172	0.481	0.519	0.0	0.0	0.5	0.0	0.5
3392 7.0'	613.2	1.563	0.206	0.820	0.166	0.187	0.302	0.0	0.0	0.6	0.0	0.6
3393 7.0'	884.9	0.516	0.070	0.263	0.064	0.057	0.102	0.0	0.0	0.6	0.0	0.6
3394 7.0'	371.9	0.089	0.035	0.087	0.021	0.075	0.298	0.0	0.0	0.0	0.0	0.0
3395 7.0'	11.7	0.015	0.010	0.027	0.008	0.134	0.499	0.5	0.0	0.4	0.0	0.9
3396 5.0'	4.4	0.039	0.039	0.028	0.020	0.011	0.046	0.0	0.0	0.5	0.0	0.5
3397 6.0'	1.5	0.011	0.024	0.044	0.020	0.009	0.034	0.0	0.0	0.5	0.0	0.5
3398 6.0'	1.6	0.021	0.023	0.020	0.021	0.009	0.015	0.0	0.0	0.7	0.0	0.7
3399 7.0'	1.5	0.011	0.035	0.058	0.027	0.012	0.061	0.0	0.0	0.5	0.0	0.5
3400 7.0'	1.7	0.016	0.012	0.028	0.016	0.012	0.033	0.0	0.0	0.5	0.0	0.5
3401 6.0'	1.6	0.015	0.016	0.020	0.007	0.009	0.022	0.0	0.0	0.6	0.0	0.6
3402 5.0'	1.2	0.007	0.008	0.021	0.011	0.010	0.014	0.1	0.0	0.8	0.0	0.8





# Exploration Technologies, Inc.

7755 Synott Road Houston, Texas 77083 (281) 530-4300 FAX (281) 530-4308

## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3403 7.0'	58.9	0.384	0.080	0.157	0.061	0.035	0.062	0.1	0.6	0.6	0.0	1.3
3404 7.0'	1.7	0.010	0.021	0.040	0.019	0.006	0.042	0.0	0.3	0.5	0.0	0.8
3405 7.0'	158.8	0.123	0.038	0.065	0.032	0.012	0.086	0.0	0.0	0.5	0.0	0.5
3406 6.0'	3.0	0.018	0.029	0.035	0.025	0.010	0.045	0.0	0.0	0.6	0.0	0.6
3407 6.0'	213.0	0.028	0.012	0.034	0.017	0.019	0.033	0.0	0.2	0.8	0.0	1.0
3408 7.0'	1.6	0.010	0.011	0.031	0.017	0.011	0.023	0.0	0.0	0.5	0.0	0.5
3409 6.0'	7.0	0.034	0.011	0.039	0.081	0.016	0.030	0.3	0.3	0.6	0.0	1.1
3410 7.0'	1.4	0.148	0.038	0.038	0.016	0.011	0.024	0.5	0.6	0.5	0.1	1.7
3411 7.0'	7,700.5	0.269	0.064	0.083	0.009	0.061	0.040	0.3	0.4	0.7	0.0	1.4
3412 7.0'	5.2	0.020	0.056	0.065	0.036	0.038	0.048	15.1	0.0	2.5	0.7	18.2
3413 6.0'	3.2	0.007	0.031	0.063	0.036	0.017	0.065	0.4	0.0	0.6	0.0	1.0
3414 7.0'	328.0	0.042	0.045	0.051	0.031	0.032	0.037	1.6	0.1	0.7	0.1	2.4
3415 7.0'	1.7	0.008	0.015	0.053	0.016	0.043	0.039	0.3	0.0	0.8	0.1	1.2
3416 7.0'	1.6	0.007	0.024	0.039	0.027	0.025	0.040	0.1	0.0	0.6	0.0	0.7
3417 6.0'	1.9	0.009	0.068	0.082	0.044	0.015	0.082	0.0	0.0	0.8	0.0	0.8
3418 6.0'	789.4	0.085	0.079	0.076	0.047	0.096	0.060	2.8	1.7	4.5	0.0	9.1
3419 7.0'	2,141.2	0.053	0.099	0.047	0.042	0.057	0.022	7.1	0.0	0.7	0.0	7.8
3420 7.0'	266.6	0.033	0.032	0.041	0.026	0.041	0.031	2.1	0.6	3.3	0.5	6.6
3421 7.0'	345.6	0.693	0.023	0.103	0.026	0.022	0.043	0.0	0.0	0.3	0.0	0.3
3422 7.0'	1.8	0.043	0.404	0.071	0.026	0.019	0.087	0.0	0.0	0.2	0.0	0.3
3423 6.5'	1.8	0.108	0.239	0.342	0.076	0.151	0.419	0.0	0.0	0.3	0.0	0.3
3424 7.0'	4.1	0.059	0.293	0.263	0.069	0.100	0.238	0.0	6.0	3.8	0.0	9.8
3425 7.0'	1.3	0.034	0.052	0.078	0.020	0.027	0.117	0.0	0.0	0.3	0.0	0.3
3426 7.0'	3.9	0.039	0.179	0.062	0.020	0.026	0.064	0.0	0.1	0.4	0.0	0.5
3427 7.0'	285.3	3.683	0.684	1.425	0.416	0.253	0.550	0.0	0.3	0.4	0.0	0.6
3428 7.0'	200.3	4.851	0.643	2.036	0.374	0.476	0.647	3.5	0.4	0.2	0.1	4.1
3429 7.0'	140.4	7.111	0.745	1.727	0.284	0.414	0.511	2.2	0.6	0.2	0.0	3.0
3430 6.0'	27.5	0.618	0.172	0.263	0.047	0.060	0.139	0.0	0.0	0.5	0.0	0.5
3431 5.0'	2.0	0.055	0.103	0.083	0.040	0.048	0.066	0.0	0.2	0.4	0.2	0.9
3432 5.5'	1.2	0.009	0.043	0.028	0.018	0.014	0.037	0.0	0.0	0.3	0.0	0.3
3433 7.0'	1.7	0.021	0.032	0.025	0.015	0.003	0.027	0.0	0.1	0.4	0.0	0.6



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## PCC Complex

### SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b

#### VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3434 7.0'	1.5	0.013	0.040	0.020	0.017	0.013	0.041	0.0	0.0	0.3	0.0	0.3
3435 6.0'	11.0	0.417	0.087	0.185	0.045	0.026	0.092	0.0	0.0	0.3	0.0	0.3
3437 7.0'	57.4	0.896	0.192	0.330	0.105	0.079	0.095	1.6	0.6	0.3	0.0	2.5
3438 7.0'	64.0	0.761	0.107	0.323	0.093	0.112	0.115	1.0	0.7	0.3	0.0	2.0
3439 7.0'	1.4	0.324	0.055	0.026	0.015	0.021	0.026	0.2	0.1	0.5	0.0	0.8
3440 7.0'	23.6	0.425	0.172	0.174	0.170	0.030	0.099	0.0	0.0	0.7	0.0	0.7
3441 7.0'	11.1	0.172	0.089	0.089	0.059	0.027	0.103	0.0	0.0	0.9	0.0	0.9
3442 7.0'	10,201.1	1.893	0.228	0.758	0.217	1.038	2.467	4.8	11.3	3.1	0.0	19.2
3443 7.0'	3,130.7	10.686	0.726	3.679	0.579	0.860	1.343	2.3	4.0	2.2	0.0	8.5
3444 7.0'	3,643.4	6.466	0.792	2.650	0.810	13.978	3.000	77.0	27.0	1.9	0.1	106.0
3445 6.0'	152.7	3.464	0.498	1.173	0.374	0.253	0.435	1.1	3.7	7.8	11.7	24.2
3447 7.0'	210.3	2.409	0.995	0.891	0.672	0.179	0.429	4.2	7.4	4.2	0.0	15.8
3448 5.0'	17.1	0.765	0.091	0.267	0.075	0.062	0.086	0.0	3.2	1.5	0.2	4.9
3449 7.0'	127.3	4.696	0.755	1.481	0.504	0.303	0.485	0.0	0.1	0.8	0.1	1.0
3450 7.0'	1.7	0.011	0.013	0.026	0.018	0.017	0.037	0.0	0.0	0.5	0.0	0.5
3451 7.0'	1.6	0.010	0.015	0.020	0.013	0.014	0.034	0.0	0.0	0.4	0.0	0.4
3452 7.0'	301.7	1.279	0.129	0.447	0.090	0.113	0.178	0.0	0.1	0.6	0.0	0.6
3453 7.0'	1.5	0.010	0.005	0.018	0.019	0.013	0.021	0.0	0.0	0.4	0.0	0.4
3454 6.0'	1,377.6	5.095	0.431	1.260	0.291	0.297	0.456	5.3	8.5	1.9	0.0	15.7
3455 5.0'	17.9	0.435	0.084	0.178	0.057	0.040	0.073	0.1	0.6	0.9	0.0	1.6
3456 6.0'	2.0	0.033	0.018	0.049	0.014	0.031	0.046	0.0	0.0	1.3	0.0	1.3
3457 7.0'	1.3	0.020	0.017	0.035	0.022	0.029	0.041	0.3	0.0	1.4	0.0	1.6
3458 7.0'	328.9	1.560	0.279	0.610	0.000	0.283	0.384	5.4	6.5	1.2	0.8	13.9
3459 7.0'	13,246.6	11.910	0.490	2.544	0.504	10.475	1.580	29.5	72.5	3.1	0.2	105.3
3460 7.0'	440.5	1.459	0.141	0.587	0.134	0.351	0.345	1.1	4.6	0.0	5.9	11.7
3463 7.0'	60,764.0	27.840	0.052	0.449	0.047	8.682	0.393	202.9	435.4	10.9	1.1	650.3
3464 5.0'	6.4	0.014	0.013	0.023	0.017	0.039	0.029	0.0	0.2	1.3	0.0	1.5
3465 7.0'	54,672.0	19.132	0.044	0.185	0.055	2.118	1.662	254.1	516.3	98.3	0.0	868.7
3466 7.1'	7,728.0	0.634	0.022	0.056	0.026	0.063	0.063	0.6	0.7	2.1	0.0	3.3
3467 7.0'	53.6	0.418	0.181	0.134	0.122	0.045	0.115	0.0	0.0	1.2	0.0	1.2
3468 7.0'	11,915.6	1.081	0.200	0.304	0.182	0.268	0.569	17.4	49.9	16.4	0.0	83.7



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3469 7.0'	6.0	0.273	0.036	0.127	0.037	0.053	0.047	0.0	0.0	1.2	0.0	1.2
3470 7.0'	21.2	0.506	0.183	0.181	0.137	0.057	0.110	0.0	0.0	1.2	0.0	1.2
3471 7.0'	11.7	0.316	0.240	0.133	0.227	0.038	0.154	0.0	0.0	1.2	0.1	1.3
3472 7.0'	22.2	0.679	0.258	0.343	0.226	0.074	0.162	0.0	0.0	0.7	0.0	0.7
3473 7.0'	12.9	0.500	0.223	0.223	0.152	0.061	0.111	0.0	0.0	0.7	0.0	0.7
3474 7.0'	5.6	0.188	0.138	0.085	0.124	0.028	0.105	0.0	0.0	0.4	0.0	0.4
3475 7.0'	45.4	1.341	0.140	0.677	0.144	0.175	0.294	0.0	0.0	0.7	0.0	0.7
3476 7.0'	17.4	0.447	0.198	0.196	0.191	0.043	0.159	0.0	0.0	0.7	0.0	0.8
3477 7.0'	37.3	0.928	0.281	0.362	0.226	0.080	0.178	0.0	0.0	0.7	0.0	0.7
3478 7.0'	2.4	0.041	0.027	0.023	0.034	0.016	0.023	0.0	0.0	0.6	0.0	0.6
3479 7.0'	170.3	0.203	0.177	0.100	0.173	0.032	0.108	0.0	0.0	0.6	0.0	0.6
3480 7.0'	5.6	0.159	0.092	0.073	0.094	0.025	0.043	0.0	0.0	0.7	0.0	0.7
3481 7.0'	10.1	0.290	0.146	0.121	0.132	0.041	0.094	0.0	0.0	0.8	0.0	0.8
3482 7.0'	13.0	0.539	0.350	0.206	0.279	0.043	0.115	0.0	0.0	0.8	0.0	0.8
3483 5.0'	5.8	0.119	0.178	0.114	0.167	0.128	0.037	0.0	0.0	0.2	0.0	0.2
3484 5.0'	58.5	1.755	1.262	0.632	0.914	0.111	0.322	0.0	0.0	0.9	0.0	0.9
3486 5.0'	10.7	0.256	0.057	0.106	0.060	0.036	0.062	0.0	0.0	0.8	0.0	0.8
3487 7.0'	52.9	0.226	0.117	0.167	0.179	0.049	0.076	0.0	0.0	0.4	0.0	0.4
3488 7.0'	60.6	0.224	0.194	0.099	0.085	0.066	0.032	0.0	0.0	0.1	0.0	0.1
3489 7.0'	3,315.8	0.852	0.021	0.096	0.050	0.079	0.072	0.0	0.0	0.2	0.0	0.2
3491 7.0'	14.2	0.283	0.046	0.120	0.110	0.032	0.103	0.0	0.0	0.6	0.0	0.6
3492 7.0'	1,702.1	0.783	0.182	0.298	0.140	0.065	0.134	0.0	0.0	0.2	0.0	0.2
3493 7.0'	417,979.3	12.684	0.000	6.000	0.029	2.096	7.122	5.9	2.3	0.0	4.3	12.4
3494 7.0'	3,760.0	0.207	0.056	0.101	0.094	0.096	0.401	0.0	0.0	0.2	0.0	0.2
3495 7.0'	136,000.4	7.375	3.096	0.372	0.392	1.920	24.006	261.8	487.4	1,025.6	426.8	2,201.5
3496 7.0'	38,432.9	10.849	2.090	0.699	0.201	1.636	18.949	177.9	247.4	81.4	7.7	514.4
3497 6.0'	42,453.1	5.591	2.109	1.106	0.371	1.773	12.793	99.3	131.9	26.6	2.8	260.6
3498 7.0'	59.9	1.306	0.218	0.448	0.184	0.099	0.166	0.1	0.0	0.2	0.0	0.3
3499 7.0'	83.6	1.834	0.210	0.618	0.158	0.143	0.210	0.0	0.0	0.5	0.0	0.5
3500 7.0'	9.8	0.197	0.022	0.065	0.022	0.033	0.033	0.0	0.0	0.7	0.3	1.0
3501 7.0'	10.5	0.240	0.085	0.084	0.075	0.018	0.045	0.1	0.0	0.2	0.0	0.3



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3502 7.0'	26.1	0.654	0.110	0.237	0.081	0.058	0.091	0.0	0.0	0.5	0.6	1.1
3503 7.0'	75.1	1.435	0.271	0.553	0.225	0.113	0.232	0.1	0.0	0.3	0.0	0.3
3504 7.0'	296.8	4.561	0.837	1.355	0.583	0.258	0.513	0.1	0.0	0.2	0.0	0.3
3505 7.0'	1,352.9	4.260	1.734	1.119	1.047	0.185	0.510	0.0	1.9	3.1	0.7	5.8
3506 7.0'	129.9	2.408	1.298	0.856	0.949	0.127	0.438	0.0	0.0	3.9	7.3	11.1
3507 7.0'	28.5	0.579	0.338	0.209	0.232	0.042	0.106	0.1	0.0	0.2	0.0	0.3
3508 7.0'	181.1	3.866	0.509	1.206	0.420	0.243	0.401	0.0	0.0	0.8	0.0	0.8
3509 7.0'	163.0	3.069	0.165	0.935	0.158	0.203	0.286	0.0	0.0	0.8	0.0	0.8
3510 7.0'	118.0	2.573	0.779	0.919	0.520	0.209	0.551	0.1	0.0	0.8	0.2	1.1
3511 7.0'	5.6	0.107	0.047	0.060	0.050	0.057	0.065	0.0	0.0	1.1	0.0	1.1
3512 7.0'	19.8	0.390	0.081	0.148	0.077	0.078	0.062	0.0	0.0	0.7	0.0	0.7
3513 7.0'	192.2	4.180	0.181	1.432	0.167	0.326	0.426	0.1	0.0	0.8	0.0	0.9
3514 7.0'	36.3	0.809	0.081	0.312	0.074	0.129	0.100	0.1	0.0	0.9	0.0	1.0
3515 7.0'	168.2	3.364	0.105	0.963	0.085	0.233	0.295	0.0	0.0	0.7	0.0	0.7
3516 7.0'	204.4	5.537	0.478	2.254	0.351	0.472	0.848	0.0	0.1	0.7	0.0	0.8
3517 7.0'	140.2	3.211	0.098	1.089	0.085	0.292	0.324	0.2	0.0	0.9	0.0	1.0
3518 7.0'	63.5	1.361	0.078	0.496	0.067	0.122	0.161	0.2	0.0	0.9	0.0	1.1
3519 7.0'	5.3	0.103	0.026	0.038	0.032	0.027	0.029	0.1	0.0	1.3	0.0	1.4
3521 7.0'	5.6	0.138	0.015	0.053	0.014	0.034	0.026	0.0	0.0	0.8	0.0	0.8
3522 7.0'	4.7	0.108	0.034	0.043	0.038	0.019	0.022	0.1	0.0	0.9	0.0	0.9
3523 7.0'	7.9	0.182	0.017	0.067	0.021	0.028	0.024	0.0	0.0	1.0	0.0	1.0
3524 7.0'	4.8	0.136	0.017	0.051	0.015	0.032	0.022	0.0	0.0	1.1	0.0	1.1
3525 7.0'	1.6	0.053	0.024	0.023	0.027	0.020	0.017	0.0	0.0	1.0	1.6	2.6
3526 7.0'	4.1	0.102	0.017	0.033	0.017	0.040	0.013	0.0	0.0	0.6	2.7	3.3
3527 7.0'	1.3	0.035	0.011	0.018	0.021	0.042	0.015	0.0	0.0	0.7	0.0	0.7
3528 6.0'	2.3	0.046	0.000	0.025	0.013	0.026	0.017	0.0	0.0	0.5	0.0	0.5
3529 6.5'	1.9	0.030	0.007	0.015	0.008	0.031	0.017	0.0	0.0	0.4	0.0	0.4
3530 7.0'	59.6	1.507	0.129	0.523	0.139	0.132	0.196	0.0	0.0	0.4	0.0	0.4
3531 7.0'	201.4	3.526	0.327	1.115	0.251	0.245	0.443	0.0	0.0	0.4	0.0	0.4
3532 7.0'	25.8	0.664	0.075	0.225	0.084	0.064	0.085	0.0	0.0	0.3	0.0	0.3
3533 7.0'	37.4	0.819	0.057	0.252	0.064	0.061	0.094	0.0	0.0	0.5	0.0	0.5



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3775 4.0	388,585.5	229.977	0.000	23.578	2.625	1,770.700	13,651.400	4,231.8	2,356.9	290.7	69.9	6,949.3
3776 4.0'	53,824.6	357.102	0.000	92.177	6.020	13.001	367.590	6,340.1	564.6	2,082.2	417.4	9,404.4
3777 4.0'	113,551.4	33.076	0.589	0.505	9.759	21.026	571.280	7,329.6	5,498.8	44.3	298.7	13,171.4
3778 4.0'	122,155.0	43.395	0.000	0.753	0.493	37.446	304.780	4,738.0	3,465.2	141.1	42.7	8,387.1
3779 4.0'	82,868.2	22.379	1.060	0.648	1.506	0.774	54.954	8,378.7	7,353.4	3,595.1	2,277.8	21,604.9
3780 3.5'	12.6	0.037	0.012	0.023	0.008	0.023	0.024	0.0	3.5	2.0	0.6	6.1
3781 3.5'	72.8	0.072	0.060	0.037	0.050	0.060	0.468	44.3	68.3	23.7	3.9	140.4
3782 4.0'	1,212.0	0.360	0.375	0.111	0.192	0.055	0.059	0.3	2.2	0.9	0.0	3.4
3783 2.5'	34,261.4	9.955	0.000	0.251	0.065	0.210	0.697	87.6	726.7	781.3	34.4	1,630.0
3791 7.0'	5,817.2	8.978	2.551	2.338	1.414	0.398	0.861	5.4	25.9	50.9	39.2	121.5
3792 7.0'	217,602.7	5,082.700	0.000	2,224.000	2.282	259.980	252.900	69.6	40.3	2.8	0.0	112.7
3793 7.0'	93,949.2	3,171.420	1.964	644.020	9.070	99.210	37.411	16.8	16.4	1.9	1.5	36.5
3794 7.0'	736.7	11.915	3.381	7.390	1.998	0.835	3.966	0.0	4.1	0.8	0.3	5.2
3795 6.0'	16,841.6	211.342	3.098	10.665	3.413	1.565	1.088	0.7	0.6	0.8	0.7	2.8
3796 6.0'	479,431.3	723.510	0.000	6,012.400	1.094	231.090	249.230	161.3	89.5	2.5	0.0	253.3
3797 7.0'	101,788.1	0.000	0.000	74.249	18.406	17.571	7.010	0.0	2.1	0.0	0.0	2.1
3798 7.0'	11,796.8	129.724	0.000	11.758	1.191	1.279	3.354	0.0	28.8	6.5	32.6	67.9
3799 7.0'	18,512.2	575.291	0.334	28.294	1.200	4.607	3.349	0.0	1.7	0.6	0.7	3.0
3800 7.0'	324,782.6	13,388.700	0.000	6,615.100	3.388	719.840	1,164.200	355.6	240.9	6.0	0.0	602.5
3801 7.0'	392,054.8	13,715.301	0.000	7,662.600	0.000	669.610	1,280.900	268.4	199.5	12.4	0.0	480.3
3802 7.0'	7,776.2	179.933	0.000	35.222	0.296	1.453	0.820	0.6	0.0	0.6	0.0	1.3
3803 7.0'	7,135.5	2.665	1.439	1.020	1.199	0.216	0.428	0.0	0.0	0.8	0.0	0.8
3804 7.0'	145,163.5	7,233.400	0.000	1,353.800	2.831	276.230	80.675	34.7	159.1	7.9	128.0	329.6
3805 7.0'	242,796.7	16,006.100	0.000	4,740.500	0.000	671.620	782.310	342.4	150.8	0.6	0.0	493.7
3806 7.0'	32,831.2	1,336.420	0.000	64.775	0.065	41.895	3.997	10.9	1.8	2.6	0.0	15.2
3807 7.0'	2,057.2	76.619	0.000	10.174	3.029	0.322	0.798	0.0	0.2	0.9	0.0	1.1
3808 7.0'	7,126.5	323.218	3.091	2.111	2.907	0.259	0.780	0.0	0.0	0.3	0.0	0.3
3809 7.0'	209,323.3	16,952.800	0.000	3,787.800	0.518	765.630	1,183.500	136.0	43.7	4.9	0.0	184.6
3810 7.0'	212,590.0	15,419.000	0.000	2,794.500	0.000	741.970	93.660	39.4	41.2	4.8	0.0	85.4
3811 5.0'	39,492.2	436.940	0.000	55.187	0.997	11.862	1.179	0.0	0.0	0.4	0.0	0.4
3812 7.0'	267.4	1.104	0.038	0.502	0.247	0.122	0.118	0.0	0.0	0.0	0.0	0.0



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3813 7.0'	462,183.1	15,468.400	105.840	833.230	5.946	94.119	73.559	35.8	30.2	0.0	0.0	65.9
3814 7.0'	190,246.4	6,498.420	62.881	2,647.200	1.889	307.200	429.700	86.4	13.1	7.7	1.8	109.1
3815 7.0'	85,555.6	4,109.870	0.994	183.200	1.941	111.140	2.387	11.9	0.0	0.0	0.0	11.9
3816 7.0'	3,642.4	181.508	4.239	5.294	0.988	1.038	0.812	0.0	0.5	0.0	0.0	0.5
3817 7.0'	138,586.6	4,136.590	0.000	5.280	0.161	2.107	0.160	0.8	0.0	0.0	0.0	0.8
3818 7.0'	15,611.3	38.000	0.000	0.165	0.227	0.032	0.145	0.0	0.0	0.3	0.6	0.9
3819 7.0'	251,069.7	12,037.108	7.886	29.247	0.419	34.614	7.435	6.9	12.0	0.0	0.0	18.9
3820 7.0'	54,898.6	1,556.590	0.000	35.146	1.565	0.930	0.276	1.0	1.9	5.0	0.0	8.0
3821 7.0'	36,712.0	0.932	0.000	0.642	0.574	0.077	0.315	0.0	0.0	54.2	0.5	54.7
3822 7.0'	39.9	0.278	0.067	0.048	0.050	0.018	0.037	0.0	0.1	0.5	0.7	1.3
3823 7.0'	1,141.1	21.898	0.000	0.473	0.057	0.050	0.231	0.0	17.0	2.0	39.1	58.1
3824 7.0'	565.9	5.319	0.003	1.126	0.117	0.102	0.365	0.0	10.0	0.9	17.0	28.0
3825 7.0'	16.4	0.451	0.365	4.685	0.283	0.915	4.948	0.4	202.3	35.0	46.0	283.9
3826 7.0'	485,898.5	5.000	0.000	2.298	0.074	1.888	1.699	5.0	1.1	2.5	0.0	8.6
3827 7.0'	437.5	0.328	0.100	0.139	0.098	0.041	0.099	0.0	0.0	0.5	0.0	0.5
3828 7.0'	9,688.7	10.390	2.915	3.080	2.343	0.546	0.952	0.0	2.3	2.0	0.0	4.3
3829 7.0'	53.8	1.154	0.180	0.410	0.146	0.074	0.136	0.0	0.0	0.7	0.4	1.1
3831 7.0'	20,595.5	6.483	1.345	2.465	1.271	0.515	1.095	1.4	2.1	0.5	0.0	3.9
3832 7.0'	2,008.0	3.523	0.602	1.101	0.450	0.226	0.387	0.0	0.2	0.7	0.0	0.9
3833 7.0'	1,172.5	0.624	0.114	0.237	0.122	0.117	0.124	0.0	0.0	0.2	0.0	0.3
3834 7.0'	32.8	0.688	0.192	0.455	0.144	0.109	0.122	0.1	0.2	0.5	0.2	0.9
3835 7.0'	323.0	3.398	0.782	1.025	0.517	0.305	0.425	1.5	8.6	4.3	0.0	14.4
3836 7.0'	1,904.1	3.062	0.399	1.032	0.324	0.271	2.976	1,694.2	2,949.6	14.4	6.2	4,664.4
3837 7.0'	246,045.0	31.780	1.280	0.162	3.818	62.457	1,252.000	41,005.4	12,190.1	1,040.9	58.9	54,295.3
3838 7.0'	411.5	19.768	0.476	8.247	0.387	1.743	2.303	0.0	2.7	1.0	0.0	3.8
3839 7.0'	3,153.9	4.670	0.454	1.682	0.419	0.985	5.816	38.7	66.6	16.6	0.0	121.9
3840 7.0'	307,709.0	155.734	0.959	1.295	0.522	366.930	5,140.200	53,666.1	10,626.3	1,108.1	162.8	65,563.3
3841 7.0'	1,318.4	6.901	2.069	2.601	1.737	0.787	1.535	53.7	47.6	12.6	0.0	113.8
3842 7.0'	423,782.3	280.657	0.000	4.120	1.386	427.180	5,356.600	47,392.4	11,433.9	1,125.8	160.2	60,112.2
3843 7.0'	439,161.9	60.463	0.000	0.614	0.289	28.499	108.870	7,761.7	3,947.8	61.3	138.0	11,908.7
3844 7.0'	394,718.3	100.747	0.000	8.389	0.000	339.730	3,539.000	5,572.3	2,492.6	109.1	7.4	8,181.4



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3845 7.0'	17,559.2	8.957	0.924	3.275	1.056	0.675	1.018	0.0	0.0	0.6	0.0	0.6
3846 7.0'	52.8	1.767	1.242	0.685	0.905	0.091	0.265	0.0	0.0	0.7	0.0	0.7
3847 7.0'	58,182.8	26.044	0.296	1.659	0.595	173.470	714.700	2,251.9	935.3	4.2	0.0	3,191.4
3848 7.0'	431,591.5	199.895	0.000	32.335	0.000	2,180.233	16,608.428	48,960.7	8,535.7	944.9	92.7	58,534.0
3849 7.0'	184,414.7	100.748	0.201	20.068	1.631	1,326.800	8,591.300	3,375.3	1,750.6	372.0	39.3	5,537.2
3850 7.0'	294,074.3	133.401	0.855	34.145	2.560	1,897.800	12,568.000	33,261.6	5,588.0	431.3	34.8	39,315.7
3851 7.0'	206,542.2	141.691	2.688	18.002	1.399	1,017.700	7,606.300	3,062.5	1,240.6	443.9	89.6	4,836.6
3852 7.0'	350,537.5	304.037	1.512	34.958	0.030	2,171.500	15,534.300	37,558.2	5,921.7	648.0	36.8	44,164.8
3853 7.0'	341,366.1	184.707	4.427	30.062	6.296	1,749.300	14,154.200	3,615.6	1,654.7	4.6	52.8	5,327.7
3854 7.0'	227,726.1	142.799	0.000	37.850	2.616	1,645.600	10,876.400	44,679.5	9,834.3	917.0	74.6	55,505.4
3855 7.0'	437,133.8	222.712	0.000	32.975	2.309	2,060.000	17,307.800	3,239.0	1,252.5	488.8	99.1	5,079.4
3856 7.0'	148,895.9	77.157	0.000	16.301	0.000	1,152.540	8,682.043	31,697.1	12,031.9	1,248.6	56.3	45,033.9
3857 7.0'	2,072.4	27.740	1.785	2.404	2.198	6.329	57.351	25.2	21.0	10.7	0.5	57.4
3858 7.0'	254.4	4.207	0.000	0.066	0.049	0.814	5.082	406.4	274.7	119.9	55.8	856.8
3859 7.0'	720.8	1.159	0.327	0.326	0.303	3.002	20.867	334.5	249.7	65.2	44.7	694.1
3860 7.0'	2,269.7	0.923	0.040	0.606	0.525	17.254	89.756	206.6	53.2	6.0	0.6	266.4
3861 7.0'	1,162.9	2.042	0.623	0.603	0.460	5.117	14.807	146.7	154.2	41.1	28.3	370.3
3862 7.0'	5,478.2	5.015	0.126	1.963	0.427	75.233	652.160	1,489.3	917.1	372.6	180.1	2,959.1
3863 7.0'	47,502.6	50.016	0.562	17.268	1.632	617.220	3,702.000	15,898.3	5,131.1	1,018.4	275.2	22,322.9
3864 7.0'	2,134.0	1.134	0.166	0.379	0.000	26.384	189.660	667.7	501.6	186.0	119.6	1,474.9
3865 7.0'	177,201.5	299.710	7.451	97.996	6.979	2,715.400	14,223.000	36,092.0	6,662.6	833.7	137.5	43,725.8
3866 7.0'	218,178.2	403.686	0.000	155.452	0.000	4,808.527	24,274.545	2,356.1	853.1	401.8	85.9	3,696.9
3867 7.0'	6,555.4	8.222	1.232	10.333	2.430	239.940	1,502.100	9,653.3	4,672.1	1,426.3	308.7	16,060.5
3868 7.0'	12,545.4	5.680	0.885	11.710	0.613	269.330	1,286.900	8,851.3	4,768.0	1,748.9	380.5	15,748.8
3869 7.0'	20,612.7	66.041	11.944	210.020	15.426	3,325.700	18,278.951	4,938.1	1,267.9	596.8	92.0	6,894.8
3870 7.0'	1,138.8	2.040	0.119	7.364	0.763	90.672	544.130	1,034.6	805.8	488.4	266.8	2,595.6
3871 7.0'	335.3	0.957	0.421	2.765	0.385	31.111	179.400	1,121.4	875.1	480.5	195.2	2,672.2
3872 7.0'	8,506.2	13.926	4.545	46.957	2.798	446.150	2,347.600	2,062.5	1,113.4	295.1	25.4	3,496.4
3873 7.0'	303.5	0.960	0.214	3.423	0.301	41.378	257.850	1,200.2	952.3	148.9	126.5	2,427.8
3874 7.0'	277.4	0.969	0.000	6.227	0.000	81.725	548.460	7,196.9	4,440.0	454.6	320.0	12,411.5
3875 7.0'	310.0	1.041	0.761	6.433	0.404	106.290	754.560	1,636.6	1,164.7	442.3	208.6	3,452.2



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3876 7.0'	62,288.7	87.678	15.493	397.940	43.374	5,004.600	25,720.900	3,743.9	1,112.3	478.4	65.6	5,400.1
3877 7.0'	127,646.5	110.678	14.079	395.110	28.145	4,229.100	20,024.200	31,069.6	7,824.8	1,394.0	169.0	40,457.5
3878 7.0'	17,169.2	12.319	0.553	40.956	0.000	481.760	2,563.400	1,294.0	902.6	585.6	225.4	3,007.6
3879 7.0'	1,618.4	0.974	0.340	3.129	0.000	34.531	230.510	486.7	335.5	197.5	64.5	1,084.1
3880 7.0'	2,053.4	1.970	0.505	2.276	0.838	19.883	109.900	1,055.6	809.7	393.0	139.0	2,397.3
3881 7.0'	164.2	0.283	0.000	1.077	0.000	18.788	125.253	983.5	841.1	441.4	197.2	2,463.2
3882 7.0'	569.6	0.525	0.095	2.377	0.314	49.192	337.010	4,066.0	2,604.1	983.2	199.1	7,852.4
3883 7.0'	100.8	0.183	0.105	0.588	0.113	15.845	125.870	140.6	131.8	62.9	16.7	352.1
3884 7.0'	397.2	0.374	0.000	0.899	0.150	19.040	148.470	3,879.7	2,865.2	1,163.9	293.3	8,202.1
3885 6.5'	72,931.5	66.054	0.000	155.452	0.000	3,032.787	13,393.846	1,631.9	759.9	309.7	76.8	2,778.3
3886 7.0'	29,144.8	12.354	0.404	34.017	5.912	770.510	4,066.200	13,079.7	3,586.2	593.4	103.8	17,363.1
3887 7.0'	21,746.7	12.320	0.000	30.603	0.000	1,163.299	7,974.559	4,984.1	1,087.0	513.4	127.8	6,712.4
3888 7.0'	444.8	0.277	0.035	0.751	0.055	15.862	92.142	102.4	54.9	17.5	3.3	178.2
3889 7.0'	6,430.4	3.839	0.000	6.684	1.251	82.732	786.190	1,008.9	569.2	170.8	23.6	1,772.5
3890 7.0'	318.2	0.815	0.095	0.400	0.079	3.949	22.144	22.6	23.2	7.4	4.8	58.0
3891 6.0'	4,585.3	2.819	0.165	5.160	0.223	89.231	485.720	4,066.1	1,353.2	16.6	0.7	5,436.6
3892 7.0'	2,759.9	1.616	0.640	3.700	0.972	47.806	299.530	433.0	254.7	37.1	24.2	749.1
3893 7.0'	11,019.1	8.200	0.000	16.540	0.993	263.960	1,299.500	1,057.4	428.5	96.4	17.8	1,600.1
3894 7.0'	8,120.5	5.611	0.000	11.413	0.000	133.201	625.419	366.8	323.2	97.4	34.7	822.0
3895 7.0'	138,730.7	15.747	0.000	2.298	0.000	24.409	55.549	106.5	26.8	7.6	2.9	143.9
3896 7.0'	511.7	2.320	0.240	0.672	0.194	1.265	1.825	9.5	2.8	2.4	1.1	15.8
3897 7.0'	90.2	0.503	0.417	0.565	0.416	2.708	12.752	177.9	65.4	6.7	0.7	250.8
3899 7.0'	323.6	0.111	0.010	0.226	0.027	2.146	10.781	36.5	37.9	29.1	44.1	147.6
3900 7.0'	1,394.1	2.091	0.145	1.528	0.151	4.447	14.980	32.1	23.8	9.8	9.8	75.5
3901 7.0'	398.6	0.430	0.191	1.279	0.147	0.261	1.198	2.6	4.4	1.9	0.9	9.8
3902 7.0'	1,485.0	0.411	0.064	0.134	0.080	0.403	0.539	2.5	3.1	2.2	0.7	8.5
3903 7.0'	1,512.8	0.785	0.204	0.369	0.174	0.867	3.129	6.8	12.0	5.5	3.7	28.0
3904 7.0'	159,509.3	16.452	29.389	1.638	0.068	12.897	3.938	48.1	142.7	5.8	0.0	196.7
3905 7.0'	333,654.9	19.997	0.000	1.197	0.000	8.529	2.821	32.6	174.9	28.3	0.0	235.8
3906 7.0'	131,825.8	14.439	29.588	0.695	0.063	2.536	1.508	17.2	36.3	0.0	0.0	53.6
3907 7.0'	206,612.0	25.638	0.000	1.862	0.092	2.757	1.614	12.1	19.2	0.0	0.0	31.3





# Exploration Technologies, Inc.

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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3908 7.0'	304,794.0	39.118	0.000	2.026	0.008	2.992	1.442	32.3	63.9	3.4	0.0	99.6
3909 7.0'	9,273.0	1.939	0.500	0.694	0.452	0.215	0.318	1.1	1.0	0.4	0.0	2.5
3910 7.0'	193,778.9	5.808	0.000	1.269	0.013	1.849	0.610	4.5	3.9	0.0	0.0	8.4
3911 7.0'	27,863.3	4.059	0.000	0.359	0.022	0.615	0.311	0.2	0.0	0.3	0.0	0.5
3912 7.0'	576.3	0.572	0.043	0.162	0.045	0.056	0.087	0.0	0.0	0.4	0.0	0.4
3913 7.0'	51,374.6	13.949	0.000	2.407	0.077	6.863	5.545	5.8	3.9	0.0	0.0	9.7
3914 7.0'	348,416.4	35.438	0.000	5.104	0.018	8.823	2.294	23.8	12.0	0.0	0.0	35.8
3917 7.0'	746.9	1.362	0.060	0.225	0.067	0.071	0.144	0.0	0.0	0.5	0.0	0.5
3918 7.0'	152,170.6	33.575	35.009	0.494	0.076	3.737	2.347	16.3	16.7	4.4	0.0	37.4
3919 7.0'	416.0	0.454	0.153	0.178	0.122	0.051	0.171	0.0	0.1	0.6	0.0	0.7
3920 7.0'	193.6	0.556	0.042	0.153	0.026	1.004	6.203	70.9	63.6	18.1	14.4	167.0
3921 7.0'	3,065.8	0.827	0.015	0.246	0.076	0.164	0.658	4.4	0.0	0.4	0.0	4.8
3922 7.0'	118,313.1	13.894	0.000	0.470	0.042	1.130	0.559	36.6	18.0	5.2	0.0	59.8
3923 7.0'	1,205.3	1.124	0.250	0.426	0.213	0.112	0.442	0.1	0.3	0.5	0.0	0.9
3924 7.0'	11.8	0.171	0.102	0.076	0.080	0.025	0.065	0.0	0.0	0.3	0.0	0.3
3925 7.0'	33.6	0.628	0.267	0.258	0.220	0.053	0.154	0.0	0.0	0.3	0.0	0.4
3926 7.0'	18.4	0.487	0.243	0.210	0.229	0.041	0.192	0.0	0.0	0.4	0.0	0.4
3927 7.0'	1,054.1	2.695	0.829	0.784	0.684	0.156	0.511	5.3	2.9	0.8	0.0	9.0
3928 7.0'	1,076.3	0.949	0.213	0.165	0.192	0.061	0.318	6.8	5.6	0.0	0.0	12.3
3929 7.0'	148.6	1.281	0.170	0.430	0.131	0.106	0.302	0.4	0.1	0.3	0.0	0.8
3930 7.0'	7.2	0.170	0.093	0.204	0.055	0.042	0.094	0.1	0.0	0.4	0.0	0.5
3931 7.0'	2,328.9	0.160	0.000	0.177	0.036	0.026	0.105	0.0	0.0	0.3	0.0	0.3
3932 7.0'	75.0	1.498	0.340	0.623	0.260	0.134	0.236	0.1	0.0	0.4	0.0	0.5
3933 6.5'	535.3	1.430	0.276	0.332	0.245	0.058	0.179	0.0	0.5	0.5	0.0	1.0
3934 7.0'	9,979.3	6.156	0.000	0.170	0.065	0.153	0.412	3.3	0.9	0.4	0.0	4.6
3935 7.0'	8.0	0.052	0.071	0.050	0.040	0.015	0.050	0.0	0.0	0.3	0.0	0.3
3936 6.0'	86,926.8	11.081	0.000	1.857	0.559	0.336	2.787	2.6	3.9	16.6	3.0	26.0
3937 7.0'	1,342.1	4.007	0.147	0.879	0.150	0.184	0.279	0.0	0.0	0.4	0.0	0.4
3938 5.0'	1,121.0	0.527	0.230	0.209	0.202	0.046	0.110	0.0	0.0	0.4	0.0	0.4
3939 5.0'	142.7	3.115	0.868	1.007	0.792	0.160	0.403	0.0	0.0	0.3	0.0	0.3
3940 7.0'	59.7	0.994	0.268	0.526	0.214	0.095	0.243	0.0	0.1	1.3	0.0	1.4



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3941 7.0'	13.3	0.411	0.102	0.160	0.072	0.036	0.070	0.7	0.0	0.5	0.0	1.1
3942 7.0'	848.8	0.611	0.060	0.196	0.089	0.047	0.075	0.0	0.0	0.4	0.0	0.4
3943 7.0'	56.2	1.047	0.434	0.462	0.306	0.083	0.250	0.0	0.0	0.7	10.7	11.3
3944 7.0'	126,052.0	0.528	0.103	0.210	0.064	0.054	0.303	6.6	48.6	51.0	0.0	106.1
3945 7.0' HOT	70,178.3	0.577	0.034	0.215	0.038	0.122	0.683	405.0	1,520.9	12.7	0.0	1,938.5
3946 7.0'	620.6	0.895	0.011	0.160	0.027	0.042	0.055	0.0	0.0	0.4	0.0	0.4
3947 7.0'	224.7	0.927	0.068	0.297	0.058	0.071	0.121	0.0	0.0	0.3	0.0	0.3
3948 7.0'	2.7	0.035	0.011	0.029	0.018	0.009	0.018	0.0	0.0	0.3	0.0	0.3
3949 7.0' HOT	483.9	3.564	0.123	1.993	0.266	8.865	122.000	4,703.3	4,415.8	1,680.7	99.6	10,899.4
3950 7.0'	97.0	1.522	0.236	0.595	0.179	0.120	0.229	0.0	0.0	0.5	0.0	0.5
3951 7.0'	12.6	0.374	0.022	0.162	0.025	0.040	0.066	0.1	0.0	0.4	0.2	0.6
3952 7.0'	7.3	0.130	0.027	0.059	0.028	0.024	0.024	0.0	0.0	0.4	0.0	0.4
3953 7.0'	19.4	0.618	0.108	0.323	0.071	0.073	0.145	0.1	0.0	0.3	0.0	0.4
3954 7.0'	19.1	0.425	0.054	0.186	0.044	0.048	0.074	0.4	0.0	0.4	0.0	0.8
3955 5.5'	51.6	0.533	0.036	0.225	0.041	0.067	0.090	0.1	0.0	0.4	0.0	0.5
3956 7.0'	18.1	0.273	0.134	0.107	0.104	0.027	0.055	0.7	0.0	0.3	0.0	1.0
3957 7.0'	26.4	0.301	0.054	0.146	0.052	0.031	0.078	0.0	0.0	0.3	0.0	0.3
3958 7.0'	20.3	0.072	0.012	0.029	0.017	0.014	0.008	0.3	0.0	0.3	0.0	0.6
3959 7.0'	27.7	0.919	0.093	0.433	0.066	0.099	0.178	0.0	0.0	0.4	0.0	0.4
3960 7.0'	37.1	1.843	0.063	0.646	0.051	0.188	0.248	0.1	0.0	0.4	0.0	0.5
3961 7.0'	15.1	0.354	0.060	0.163	0.062	0.042	0.073	0.0	0.1	0.4	0.0	0.6
3962 6.0'	593.8	0.112	0.012	0.108	0.032	0.026	0.066	0.0	0.0	0.3	0.0	0.3
3963 7.0'	5.7	0.131	0.069	0.059	0.062	0.015	0.046	0.0	0.3	0.0	1.0	1.3
3964 7.0'	41.1	1.424	0.108	0.713	0.097	0.145	0.255	0.0	0.0	0.2	0.0	0.2
3965 7.0'	923.3	0.268	0.016	0.218	0.072	11.142	27.464	88.3	54.6	1.1	0.0	144.0
3966 7.0'	749.7	0.553	0.132	0.498	0.182	0.564	3.847	98.8	52.1	5.2	8.0	164.1
3967 6.5'	13,388.4	0.591	0.182	0.423	0.248	0.135	0.506	1.5	0.3	0.4	0.0	2.2
3968 7.0'	394.3	1.349	0.156	0.686	0.139	0.379	1.576	16.9	7.0	1.0	0.0	24.9
3969 4.5'	12.7	0.237	0.031	0.098	0.029	0.026	0.040	0.0	0.1	0.2	0.0	0.3
3970 6.0'	1,998.0	0.219	0.079	0.063	0.054	0.110	0.189	1.6	1.6	0.7	0.0	3.8
3971 4.0'	172.7	0.596	0.019	0.363	0.033	0.072	0.127	0.0	0.0	0.2	0.0	0.2



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
3972 7.0'	17.1	0.358	0.008	0.159	0.019	0.044	0.065	0.0	0.0	0.3	0.0	0.3
3973 7.0'	431.2	0.139	0.000	0.093	0.029	0.028	0.038	0.0	0.2	0.0	0.0	0.2
3974 7'	1,865.0	4.409	0.072	1.594	0.363	5.887	13.467	266.6	189.8	117.8	14.7	588.8
3975 7'	2,407.8	7.155	0.443	2.752	-0.666	49.182	216.722	6,087.7	2,735.8	200.1	357.3	9,380.8
3976 7'	176.9	2.172	0.411	0.896	0.254	0.159	0.328	0.0	0.1	0.4	0.2	0.8
3977 7'	29.7	0.015	0.003	0.016	0.006	0.008	0.010	0.0	0.0	0.2	0.0	0.2
3978 7'	360.7	2.506	1.302	0.828	0.874	0.086	0.311	0.0	0.0	0.2	0.0	0.2
3979 7'	39.2	0.791	0.074	0.422	0.040	0.103	0.179	0.1	0.0	0.3	0.0	0.3
3980 7'	151,564.9	1.014	0.071	0.776	0.064	0.097	0.137	2.3	2.0	0.9	0.0	5.2
3981 7'	89,415.2	0.687	0.067	0.139	0.091	0.108	0.118	3.2	16.6	2.2	0.0	22.0
3982 7'	11,453.1	3.992	0.600	1.241	0.251	0.286	0.530	5.0	22.7	3.7	0.0	31.5
3983 7'	256.7	2.978	0.515	1.046	0.388	0.199	0.356	0.0	0.0	0.2	0.0	0.2
3985 7'	185,839.0	0.689	0.019	0.178	0.106	0.080	0.147	3.2	41.1	7.6	0.0	51.9
3986 7'	8,721.9	0.098	0.000	0.064	0.010	0.022	0.030	0.0	0.0	0.2	0.0	0.2
3987 7'	20,804.7	0.521	0.107	0.254	0.074	0.047	0.105	1.5	0.0	0.1	0.0	1.6
3988 7'	4,147.1	2.943	0.458	0.983	0.292	0.191	0.291	0.0	0.0	0.2	0.0	0.2
3989 7'	10,124.1	0.470	0.107	0.228	0.456	0.037	0.042	0.0	8.6	53.6	37.9	100.1
3990 7'	222.3	3.877	0.208	1.688	0.182	0.351	0.566	0.0	0.0	0.3	0.0	0.3
3991 7'	48.7	0.783	0.162	0.319	0.137	0.078	0.144	0.3	0.0	0.3	0.0	0.5
3992 7'	352.1	0.043	0.008	0.022	0.025	0.023	0.004	0.0	0.0	0.3	0.0	0.3
3993 7'	11.2	0.180	0.019	0.067	0.021	0.020	0.031	0.0	0.0	0.2	0.0	0.2
3994 7'	5.8	0.198	0.036	0.103	0.022	0.031	0.057	0.2	0.0	0.3	0.0	0.5
3995 7'	34.1	0.658	0.281	0.277	0.217	0.049	0.117	0.0	0.0	0.3	0.0	0.3
3996 7'	94.4	1.894	0.262	0.820	0.186	0.184	0.319	0.0	0.0	0.2	0.0	0.2
3997 7'	90.2	0.515	0.044	0.145	0.055	0.033	0.040	0.0	0.0	0.2	0.0	0.2
3998 7'	5.0	0.215	0.017	0.078	0.010	0.023	0.032	0.1	0.0	0.3	0.0	0.4
3999 7' HOT	1,009.6	1.529	0.090	0.273	0.091	0.076	0.149	1,354.2	2,418.7	1,266.5	222.8	5,262.2
4000 7'	13,262.9	2.682	1.059	1.004	1.041	0.202	0.441	0.0	0.0	0.3	0.0	0.3
4001 7'	1,560.4	1.951	0.587	0.855	0.477	0.188	0.359	0.0	0.0	0.3	0.0	0.3
4002 7'	2,083.7	0.631	0.189	0.275	0.158	0.052	0.073	0.0	0.0	0.3	0.0	0.3
4003 7'	93.9	1.146	0.085	0.401	0.078	0.096	0.149	0.0	0.0	0.4	0.0	0.4



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4004 7'	35.6	0.026	0.029	0.020	0.036	0.012	0.024	0.0	0.0	0.2	0.0	0.2
4005 7'	6.1	0.106	0.104	0.083	0.133	0.014	0.026	1.0	0.0	0.3	0.0	1.3
4006 7'	434.5	5.308	0.727	2.226	0.499	0.360	0.681	0.9	0.8	0.1	0.7	2.6
4007 7'	4,359.5	11.418	0.261	0.756	0.145	0.174	0.270	17.8	10.8	9.1	1.3	38.9
4008 7'	78.9	1.074	0.091	0.516	0.054	0.114	0.206	0.4	0.5	0.3	0.1	1.3
4009 7' HOT	523.7	0.240	0.061	0.206	0.111	0.033	0.161	0.0	0.0	0.1	0.0	0.1
4010 7'	12.3	0.086	0.036	0.111	0.025	0.030	0.069	0.0	0.0	0.3	0.0	0.3
4011 7'	17.9	0.426	0.144	0.177	0.119	0.041	0.083	0.4	0.4	0.8	0.1	1.7
4012 7'	453.5	0.180	0.134	0.092	0.127	0.000	0.027	0.8	0.7	0.7	0.1	2.3
4013 7'	13.8	0.457	0.123	0.225	0.113	0.062	0.117	0.4	0.4	0.8	0.0	1.6
4014 7'	5.6	0.021	0.015	0.026	0.007	0.016	0.017	1.0	1.7	0.4	0.4	3.5
4015 7'	493.3	1.504	0.238	0.378	0.186	0.072	0.106	0.4	0.0	0.3	0.0	0.8
4016 7'	41.9	0.075	0.026	0.044	0.021	0.015	0.021	0.0	0.0	0.3	0.0	0.3
4017 7'	4.9	0.054	0.052	0.052	0.031	0.023	0.044	0.0	0.0	0.3	0.0	0.3
4018 7'	6.4	0.177	0.070	0.145	0.060	0.032	0.046	0.0	0.0	0.4	0.0	0.4
4019 7'	105.8	1.416	0.178	0.506	0.139	0.099	0.163	0.0	0.0	0.3	0.0	0.3
4020 7'	35.9	0.331	0.130	0.141	0.075	0.035	0.062	0.0	0.0	0.3	0.0	0.4
4021 7'	114.3	2.451	0.505	0.889	0.357	0.173	0.162	0.5	0.4	1.1	0.4	2.4
4022 7'	139.4	0.162	0.090	0.074	0.055	0.015	0.034	0.5	0.8	0.9	0.5	2.7
4023 7'	15.1	0.418	0.178	0.202	0.132	0.059	0.068	0.0	0.0	0.3	0.0	0.3
4024 7'	29.5	0.147	0.074	0.289	0.069	0.074	0.143	0.0	0.0	0.3	0.0	0.4
4025 7'	2,781.4	1.685	0.214	0.578	0.125	0.119	0.166	0.0	0.0	0.3	0.0	0.3
4026 7'	154.3	0.517	0.050	0.189	0.032	0.040	0.050	0.0	0.0	0.4	0.0	0.4
4027 7'	428.1	4.340	0.730	1.411	0.609	0.256	0.447	0.0	0.0	0.3	0.0	0.3
4028 7'	171.2	4.931	0.337	1.673	0.273	0.375	0.451	0.0	0.0	0.3	0.0	0.3
4029 7'	189.0	0.668	0.053	0.185	0.067	0.047	0.070	0.2	0.0	0.3	0.0	0.5
4030 7'	28.8	0.703	0.118	0.261	0.079	0.054	0.091	0.0	0.0	0.4	0.2	0.6
4031 7'	148.7	1.934	0.181	0.653	0.171	0.163	0.193	0.3	0.3	0.7	0.0	1.3
4032 7'	18.1	0.272	0.051	1.422	0.132	0.226	0.732	0.3	1.5	0.5	0.2	2.5
4033 7'	6,869.3	2.802	0.668	1.182	0.369	0.292	0.416	0.0	0.2	0.4	0.0	0.6
4034 7'	38.0	1.030	0.062	0.433	0.041	0.093	0.146	0.1	0.0	0.4	0.0	0.5



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4035 7'	17.9	0.056	0.031	0.039	0.021	0.019	0.014	0.0	0.0	0.4	0.0	0.4
4036 7'	10.7	0.192	0.046	0.089	0.028	0.029	0.059	0.2	0.0	0.4	1.1	1.8
4037 7'	18.4	0.296	0.064	0.127	0.056	0.040	0.063	0.1	0.2	0.4	0.0	0.6
4038 7'	10.1	0.078	0.031	0.017	0.018	0.011	0.013	0.0	0.0	0.3	0.0	0.3
4039 7'	15.1	0.419	0.087	0.167	0.080	0.047	0.084	0.0	0.0	0.3	0.0	0.3
4040 7'	158.0	0.395	0.105	0.130	0.059	0.032	0.068	1.3	4.5	0.8	0.0	6.6
4041 7'	106.0	0.254	0.164	0.182	0.094	0.857	2.573	3.6	1.2	0.5	0.0	5.2
4042 7'	2,252.0	1.855	0.185	0.880	0.000	12.498	67.165	246.7	45.1	3.1	0.6	295.5
4043 7' HOT	60,171.4	11.316	0.933	5.947	0.627	516.500	10.018	190.4	254.7	1.0	0.0	446.1
4044 7' HOT	999.6	1.123	0.113	0.221	0.072	2.051	7.286	27.1	16.6	2.4	0.0	46.0
4045 7'	1,500.0	0.101	0.007	0.058	0.011	0.060	0.047	0.0	0.0	0.2	0.0	0.2
4046 7'	50.8	0.132	0.000	0.216	0.000	0.081	0.152	0.0	0.0	0.0	0.0	0.0
4047 7'	107.5	0.724	-0.543	0.074	0.038	0.166	0.394	1.2	0.5	0.6	0.0	2.4
4048 7'	2.0	0.015	0.009	0.011	0.012	0.016	0.035	0.8	0.5	0.3	0.0	1.6
4049 7'	138.5	0.424	0.084	0.222	0.096	1.102	3.775	16.4	18.1	5.0	0.8	40.3
4050 7' HOT	8,719.8	440.869	2.080	40.088	1.535	517.990	1,966.600	2,978.8	1,108.3	344.3	65.8	4,497.2
4051 7' HOT	68.4	0.116	0.012	0.125	0.010	2.316	10.774	46.8	31.2	12.8	6.3	97.2
4052 7'	313.7	10.205	0.571	4.646	0.344	1.023	1.758	0.3	0.5	0.5	0.0	1.3
4053 7'	56.4	0.201	0.027	0.103	0.022	0.033	0.075	0.7	1.5	0.5	0.0	2.8
4054 7'	107.4	0.468	0.065	0.110	0.069	0.055	0.075	0.0	0.0	0.3	0.0	0.3
4055 7'	903.2	1.445	0.530	3.847	0.000	1.015	4.178	3.2	54.5	19.8	5.0	82.5
4056 7'	330.2	0.454	0.127	0.411	0.051	0.366	1.409	40.1	56.3	1.4	0.0	97.8
4057 7'	1,167.8	0.966	0.317	12.156	0.345	3.259	14.518	0.0	62.4	5.1	5.0	72.6
4058 7'	8.8	0.119	0.030	0.051	0.027	0.026	0.029	0.9	0.0	0.4	0.0	1.3
4059 7'	18.9	0.104	0.055	0.128	0.048	0.250	1.538	16.8	12.4	3.7	1.4	34.4
4060 7' HOT	60.8	0.249	0.041	3.042	0.032	0.741	3.940	8.5	7.9	1.6	0.0	18.1
4061 7'	58.2	0.031	0.010	0.037	0.012	0.013	0.026	0.0	0.2	0.3	0.0	0.5
4062 7'	42.6	0.922	0.195	1.031	0.163	0.327	1.377	26.7	17.0	2.7	0.0	46.3
4063 7'	1.4	0.018	0.015	0.014	0.026	0.017	0.015	0.5	0.0	0.1	0.0	0.6
4064 7'	22,277.7	19.548	0.161	0.964	0.000	146.020	1,574.800	39,823.4	12,433.1	960.4	0.0	53,216.9
4065 7' HOT	14,000.5	13.983	0.056	35.991	67.778	973.428	8,109.802	7,378.4	1,839.9	274.2	85.1	9,577.7



# Exploration Technologies, Inc.

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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4066 7' HOT	14,582.0	12.969	0.538	6.411	0.000	1,464.400	7,917.800	42,322.7	9,376.9	1,017.2	148.3	52,865.1
4067 7'	61.8	0.476	0.249	0.337	0.000	8.038	62.045	1,102.2	1,107.3	427.8	177.5	2,814.7
4068 7' HOT	38,886.0	25.279	0.000	21.632	0.282	1,463.030	7,106.500	43,286.9	8,467.6	803.0	102.8	52,660.3
4069 7'	373.4	1.812	0.522	0.585	0.429	0.087	0.231	0.6	0.8	0.6	3.2	5.2
4070 7'	9.4	0.333	0.047	0.112	0.036	0.049	0.061	0.2	0.0	0.4	0.0	0.6
4071 7'	139.4	0.423	0.077	9.573	0.168	2.607	11.023	0.1	505.8	39.4	148.3	693.6
4072 7'	15.1	0.078	-0.047	0.015	0.020	0.008	0.023	0.0	0.0	0.0	0.0	0.0
4073 7'	66.4	2.244	0.942	0.871	0.765	0.100	0.289	0.0	0.1	0.2	0.3	0.6
4074 7'	90.8	0.320	0.096	0.641	0.124	0.158	0.673	0.0	0.3	0.4	0.0	0.7
4075 7'	2.2	0.041	0.014	0.022	0.017	0.010	0.012	0.4	0.0	0.2	0.0	0.6
4076 7'	13,513.4	6.700	0.000	1.420	0.191	0.310	1.270	379.2	1,596.5	237.4	0.0	2,213.1
4077 7'	21.3	0.190	0.012	0.084	0.012	0.030	0.032	0.3	0.8	0.2	0.4	1.7
4078 7'	2.0	0.040	0.018	0.048	0.017	0.016	0.032	0.0	0.0	0.1	0.0	0.1
4079 7'	76.5	2.209	0.245	0.709	0.205	0.148	0.216	0.0	0.0	0.3	0.0	0.3
4080 7'	128.1	2.794	0.581	1.219	0.443	0.230	0.402	0.5	0.3	1.2	0.2	2.2
4081 7'	44.8	0.822	0.283	0.374	0.220	0.090	0.161	0.6	0.6	0.1	0.4	1.8
4082 7'	65.1	1.332	0.157	0.545	0.099	0.096	0.198	0.0	0.0	0.2	0.0	0.2
4083 7'	34.1	0.322	0.148	0.190	0.133	0.049	0.095	0.0	0.0	0.2	0.0	0.2
4084 7'	25.9	1.805	0.131	1.084	0.097	0.249	0.490	0.3	11.4	2.9	8.7	23.3
4085 7'	1.6	0.010	0.010	0.009	0.013	0.014	0.017	0.3	0.0	0.3	0.0	0.5
4086 7'	41.8	1.400	0.116	0.372	0.076	0.089	0.129	0.0	0.0	0.3	0.0	0.3
4087 7'	30.2	0.669	0.103	0.250	0.079	0.055	0.087	0.9	0.5	0.2	0.1	1.7
4088 7'	1,510.0	66.927	0.514	38.858	0.392	8.707	9.134	0.2	1.2	0.0	0.0	1.5
4089 7'	95.9	1.905	0.601	0.551	0.370	0.105	0.229	0.0	0.0	0.3	0.0	0.3
4090 7'	42.2	0.906	0.100	0.385	0.079	0.104	0.142	0.4	0.5	0.8	0.1	1.8
4091 7'	165.7	0.895	0.115	0.320	0.118	0.294	1.219	0.4	0.1	0.4	0.0	0.9
4092 7'	62,760.8	1.554	0.234	0.439	0.227	0.468	0.388	2.0	0.5	0.6	0.0	3.1
4093 7'	20,453.7	0.000	0.000	0.172	0.000	0.121	0.126	0.5	0.0	1.6	4.0	6.1
4094 7'	115.4	0.530	0.000	0.112	0.000	0.038	0.058	0.0	0.0	0.4	0.2	0.6
4095 7'	664.2	0.120	0.049	0.034	0.000	0.038	0.045	0.0	0.0	0.3	0.0	0.3
4096 7'	529.2	0.441	0.104	0.260	0.101	0.062	0.097	0.0	0.0	0.4	0.0	0.4



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4097 7'	18.8	0.585	0.219	0.251	0.177	0.046	0.087	0.0	0.0	0.3	0.0	0.3
4098 7'	12.1	0.327	0.000	0.126	0.000	0.048	0.052	0.0	0.0	0.3	0.0	0.3
4099 7.0'	18.5	0.511	-0.103	0.157	0.087	0.044	0.112	0.0	0.0	0.4	0.0	0.4
4100 7.0'	2,069.6	1.514	0.394	0.660	0.232	0.220	0.499	0.0	0.0	0.2	0.0	0.2
4101 7.0'	353,508.7	12.440	3.550	0.786	0.148	0.477	0.448	0.0	0.0	0.0	0.0	0.0
4102 7.0'	2,340.0	1.866	0.407	0.670	0.371	0.322	0.408	0.0	0.0	0.3	0.0	0.3
4103 7.0'	1,490.8	0.207	0.025	0.072	0.022	0.029	0.051	0.0	0.0	0.2	0.0	0.2
4104 7.0'	159,488.4	17.065	1.313	4.812	0.955	1.901	2.335	0.0	3.0	1.6	0.0	4.6
4105 7.0'	7,396.4	1.952	0.165	0.475	0.179	0.255	0.500	11.8	4.0	0.3	0.0	16.1
4106 7.0'	144,756.1	104.690	0.212	0.695	11.803	7.537	7.480	455.6	585.3	168.6	7.3	1,216.8
4107 7.0'	12.3	0.343	0.171	0.134	0.143	0.098	0.670	0.0	0.0	0.4	0.0	0.4
4108 7.0'	37,961.0	15.047	1.548	1.549	-0.022	0.003	0.013	9.4	85.4	63.0	2.1	160.0
4109 7.0'	168,534.0	39.029	1.265	5.995	0.705	3.200	1.595	284.5	100.1	35.5	0.0	420.0
4110 7.0'	64.9	6.030	5.791	1.660	0.178	0.110	0.211	1.8	0.1	0.3	0.0	2.3
4111 7.0'	66.7	7.828	1.311	1.293	0.845	0.443	0.513	25.1	15.4	1.3	0.0	41.8
4112 7.0'	23,175.0	5.220	0.053	0.411	0.031	0.115	0.474	5.3	1.1	0.2	0.0	6.6
4113 7.0'	81.5	0.208	0.091	0.079	0.055	0.025	0.039	0.1	0.2	0.3	0.1	0.9
4114 7.0'	605.7	0.520	0.092	0.183	0.061	0.085	0.480	0.0	0.0	0.4	0.0	0.4
4115 7.0'	45.0	0.730	0.154	0.244	0.100	0.133	0.780	2.5	1.6	0.5	0.3	4.9
4116 7.0'	777.0	0.289	0.077	0.074	0.066	1.270	3.799	17.3	5.5	5.2	2.9	30.9
4117 7.0'	135.2	1.895	0.128	0.665	0.097	0.149	0.357	0.0	0.0	0.3	0.0	0.3
4118 7.0'	46.1	0.990	0.131	0.381	0.091	0.092	0.154	0.0	0.2	0.5	0.0	0.7
4119 7.0'	35.1	0.659	0.087	0.235	0.057	0.075	0.273	0.0	0.1	0.4	0.0	0.5
4120 7.0'	107.5	2.376	0.000	0.574	0.067	0.141	0.173	0.0	0.1	0.4	0.0	0.5
4121 7.0'	12.1	0.197	0.073	0.107	0.045	0.040	0.288	0.6	0.0	0.4	0.0	1.0
4122 7.0'	20.0	0.317	0.014	0.113	0.019	0.039	0.110	0.0	0.0	0.4	1.7	2.0
4123 7.0'	6.5	0.098	0.021	0.039	0.013	0.026	0.041	0.0	0.0	0.7	0.1	0.8
4124 7.0'	346.2	0.428	0.026	1.083	0.023	0.231	0.770	1.8	1.3	0.6	0.2	3.9
4125 7.0'	19.6	0.267	0.015	0.220	0.028	0.042	0.124	0.7	0.8	0.6	0.0	2.1
4126 7.0'	241.1	1.244	0.190	0.242	0.129	0.434	1.550	3.7	2.0	0.5	0.0	6.3
4127 7.0'	97.0	0.518	0.022	0.208	0.027	1.378	6.038	9.2	7.6	3.0	0.9	20.8



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4128 7.0'	948.8	1.334	0.222	4.957	1.341	121.652	423.337	3,499.1	2,917.5	309.2	60.6	6,786.5
4129 7.0'	257,470.7	1.459	1.025	0.924	0.011	1.183	1.568	0.0	0.0	0.0	0.0	0.0
4130 7.0'	14,519.1	3.371	0.191	1.368	0.122	5.516	6.914	13.4	7.1	1.0	1.0	22.5
4131 7.0'	346.0	0.101	0.039	0.060	0.020	0.016	0.038	0.0	0.2	0.4	0.2	0.9
4132 7.0'	8.0	0.157	0.023	0.077	0.030	0.026	0.041	0.3	0.0	0.3	0.0	0.6
4133 7.0'	913.1	0.607	0.121	2.624	0.259	87.075	460.770	1,176.1	942.2	397.0	202.5	2,717.8
4134 7.0'	5,166.1	1.472	0.057	3.438	0.225	117.888	297.571	439.8	91.1	5.6	0.8	537.3
4135 7.0'	633.3	0.422	0.141	6.095	0.077	2.156	8.803	97.7	74.1	29.3	19.5	220.7
4136 7.0'	1,031.0	0.529	0.096	2.548	0.046	43.689	213.130	846.1	509.0	262.0	155.6	1,772.8
4137 7.0'	29,163.9	12.835	0.344	61.218	48.311	2,334.800	7,943.189	37,989.3	4,440.5	819.2	66.9	43,315.9
4138 7.0'	580.1	0.501	0.131	0.430	0.080	5.309	18.277	61.8	51.5	18.5	5.4	137.2
4139 7.0'	1,518.9	1.056	0.129	2.372	0.245	69.481	230.615	1,404.0	972.7	373.1	110.4	2,860.2
4140 7.0'	59,124.4	9.718	0.180	2.666	0.000	151.640	862.700	1,073.2	612.6	3.8	0.0	1,689.6
4141 7.0'	2,831.1	3.445	1.099	1.227	0.735	0.268	0.513	0.3	0.7	0.6	0.0	1.6
4142 7.0'	20.3	0.248	0.026	0.080	0.020	0.034	0.110	0.0	0.0	0.4	1.5	1.9
4143 4.0'	7.5	0.171	0.093	0.097	0.052	0.045	0.256	0.2	0.0	0.3	0.0	0.5
4144 7.0'	96.2	0.830	0.057	12.757	0.035	2.377	8.712	0.1	8.1	0.4	3.8	12.4
4145 7.0'	360.4	2.880	0.097	0.724	0.060	0.147	0.233	0.0	0.0	0.3	0.0	0.3
4146 7.0'	5.4	0.095	0.043	0.091	0.044	0.015	0.063	0.0	0.0	0.3	0.0	0.3
4147 7.0'	6.6	0.191	0.087	0.091	0.082	0.025	0.064	0.0	0.0	0.0	0.4	0.4
4148 7.0'	1,063.2	1.253	0.024	2.003	-0.042	1.049	3.190	12,682.0	6,569.8	21.2	6.9	19,279.9
4149 7.0'	12.4	0.292	0.193	6.986	0.126	1.063	6.371	0.2	167.1	3.7	46.9	217.8
4150 7.0'	44.4	0.288	0.046	0.156	0.064	0.041	0.135	0.2	7.4	1.1	3.1	11.8
4151 7.0'	7.2	0.007	0.014	0.020	0.008	0.008	0.025	0.0	0.0	0.4	0.0	0.4
4152 7.0'	5,073.1	1.486	0.075	0.937	0.137	21.374	36.733	205.6	88.8	2.0	3.7	300.1
4153 7.0'	37.2	0.624	0.050	0.221	0.051	0.058	0.087	0.0	0.0	0.3	0.0	0.3
4154 7.0'	8.8	0.198	0.079	0.073	0.069	0.030	0.049	0.0	0.0	0.3	0.0	0.3
4155 7.0'	67.1	0.214	0.105	0.146	0.056	0.042	0.084	0.0	0.0	0.4	0.0	0.4
4156 7.0'	2,187.3	0.936	0.640	0.545	0.431	0.113	0.275	0.0	0.0	0.3	0.0	0.3
4157 7.0'	128.0	0.778	0.144	0.405	0.089	0.113	0.209	0.0	0.1	0.4	0.0	0.5
4158 7.0'	200.7	0.336	0.073	0.178	0.045	0.053	0.115	0.0	0.0	0.3	0.0	0.3





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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4159 7.0'	754.9	0.437	0.104	0.145	0.077	0.174	0.732	5.4	17.8	0.0	0.0	23.2
4160 7.0'	1,628.6	1.354	0.389	0.468	0.257	0.181	0.304	2.6	7.7	2.2	0.0	12.4
4161 7.0'	11,016.8	6.248	0.533	4.406	1.338	305.079	164.544	1,186.2	990.7	4.8	0.0	2,181.8
4162 7.0'	56,017.1	13.908	0.502	84.334	0.761	2,982.400	11,450.000	2,519.1	965.9	371.4	82.7	3,939.1
4163 7.0'	6,550.8	6.463	0.217	21.715	3.304	602.952	1,717.261	9,607.1	3,891.5	843.9	189.5	14,532.1
4164	72.7	0.555	0.061	0.192	0.060	0.109	0.409	3.1	4.5	1.7	0.4	9.7
4165 7.0'	26.6	0.284	0.052	0.083	0.029	0.089	0.134	0.4	0.1	0.4	0.0	0.9
4166 7.0'	4,650.7	8.332	8.476	2.439	0.072	0.063	0.175	0.3	3.4	0.6	0.0	4.4
4167 7.0'	1,341.8	2.261	0.224	14.696	1.145	19.567	140.970	840.7	700.5	252.9	157.4	1,951.5
4168	93,235.5	211.100	26.275	332.503	0.000	5,595.600	27,157.332	4,258.3	1,456.2	483.5	47.6	6,245.6
4169 7.0'	6,248.7	10.163	1.420	8.344	1.751	192.364	802.418	571.9	247.4	58.8	11.6	889.7
4170	437.7	1.879	0.170	0.916	0.144	0.308	1.171	5.6	6.8	3.1	2.1	17.6
4171	48.3	1.004	0.231	13.597	0.186	1.720	9.060	5.1	22.1	4.4	3.5	35.2
4172 7.0'	922.4	8.306	0.234	3.705	0.176	5.777	54.779	4,512.9	4,025.2	1,177.3	280.4	9,995.8
4173	482.5	0.720	0.099	123.109	0.204	20.805	156.380	496.8	516.2	228.2	152.8	1,393.9
4174 7.0'	13.5	0.336	0.117	0.152	0.078	0.776	1.256	13.1	14.1	2.7	0.0	29.9
4175	82.2	0.690	0.069	0.288	0.058	0.072	0.247	1.1	1.3	0.9	0.4	3.7
4176 7.0'	5,012.9	5.867	-0.537	2.610	6.253	367.284	2,333.628	7,463.4	2,927.4	147.1	15.9	10,553.9
4177	40.1	0.785	0.067	0.243	0.072	0.073	0.200	0.3	0.0	0.6	0.0	1.0
4178 7.0'	41.5	0.089	0.036	0.073	0.089	7.783	57.608	3,220.8	3,203.4	1,147.2	687.0	8,258.4
4179 7.0'	13.5	0.601	0.122	0.239	0.082	0.075	0.171	4.7	4.8	2.5	2.2	14.2
4180 7.0'	13,118.0	4.319	0.249	1.378	0.179	149.380	1,538.800	8,890.1	3,606.0	606.5	283.2	13,385.8
4181 7.0'	369,159.7	41.495	0.067	0.471	0.225	66.455	846.170	4,964.2	6,176.6	45.3	0.0	11,186.1
4182 7.0'	14,222.7	52.422	3.143	6.240	0.073	183.815	1,086.173	4,359.5	1,410.7	161.1	27.6	5,958.9
4183 7.0'	2,046.3	0.304	0.057	2.503	0.088	1.578	7.015	126.9	240.6	44.9	37.0	449.4
4184 7.0'	261,254.1	71.287	0.111	0.287	0.313	9.473	72.972	31,637.5	16,695.5	2,176.5	201.8	50,711.4
4185	224,547.1	58.598	0.214	0.013	0.175	30.568	508.649	7,221.0	4,677.3	181.4	0.0	12,079.7
4186 7.0'	5,658.6	0.735	0.357	2.566	0.639	0.120	0.200	2.3	8.9	6.4	0.0	17.6
4187 7.0'	172,620.0	23.078	0.123	0.712	0.130	2.246	24.345	3,723.1	7,471.9	60.7	0.0	11,255.7
4188 7.0'	111,024.7	23.235	0.102	0.694	0.123	0.616	8.692	19,663.2	19,436.0	3,734.6	339.4	43,173.1
4189 7.0'	80,694.4	7.217	0.134	0.289	0.213	0.175	11.681	8,203.8	6,268.3	1,594.5	153.3	16,219.9



# Exploration Technologies, Inc.

7755 Synott Road Houston, Texas 77083 (281) 530-4300 FAX (281) 530-4308

## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4190 7.0'	153.6	0.919	0.227	0.295	0.175	0.073	0.126	0.4	4.0	2.5	0.2	7.1
4191 7.0'	400,983.0	56.834	68.361	0.098	0.448	11.036	152.268	28,793.5	16,903.5	2,932.8	6.8	48,636.6
4192 7.0'	6,783.8	7.953	0.298	6.168	1.149	126.627	577.077	12,081.0	7,489.3	2,107.0	344.7	22,021.9
4193 7.0'	186,317.5	14.344	0.088	0.323	0.355	0.168	13.321	9,586.9	6,757.5	1,365.1	153.4	17,862.8
4194 7.0'	337,409.1	240.861	1.984	16.252	0.323	815.000	8,244.500	5,199.1	2,025.1	527.9	98.2	7,850.3
4195 7.0'	1,068.5	5.124	0.243	2.038	0.183	0.465	0.627	53.8	79.5	11.7	0.4	145.4
4196 7.0'	2,020.4	1.162	0.153	0.553	0.727	30.436	254.890	9,211.1	6,541.9	1,674.2	323.5	17,750.7
4197 7.0'	40,933.9	0.407	0.162	0.270	0.146	0.158	0.703	8.1	71.9	92.7	71.8	244.5
4198 7.0'	2,690.2	0.343	0.026	0.050	0.026	0.447	4.830	25.2	31.3	9.0	3.8	69.3
4199 7.0'	58,086.9	5.686	0.711	2.741	0.320	0.557	2.181	8.3	57.4	67.9	70.6	204.2
4200 7.0'	5,379.5	0.774	0.202	0.397	0.082	0.110	0.732	2.0	2.2	1.4	0.3	5.9
4201 7.0'	173.5	0.696	0.283	0.240	0.236	0.090	0.743	13.8	12.3	5.5	0.9	32.6
4202 7.0'	10.5	0.081	0.029	0.044	0.033	0.025	0.067	0.1	0.0	0.4	0.0	0.5
4203 7.0'	28.4	0.768	0.082	0.257	0.082	0.061	0.145	0.8	0.1	0.5	0.2	1.6
4204 7.0'	12,930.7	3.946	0.545	1.274	0.212	0.233	0.508	2.8	7.0	3.2	7.1	20.0
4205 7.0'	25,524.5	5.551	1.026	1.842	0.685	0.352	0.789	0.0	5.2	71.5	24.3	101.0
4206 7.0'	2,948.4	10.609	2.611	3.667	1.555	0.869	1.239	0.0	7.3	29.5	85.0	121.8
4207 7.0'	107.8	0.448	0.092	0.220	0.072	0.761	3.035	26.1	12.7	2.8	0.3	41.8
4208 7.0'	5,194.8	2.166	1.107	1.044	0.834	0.160	0.421	0.0	0.0	0.4	0.0	0.4
4209 7.0'	218.0	0.196	0.087	0.383	0.093	0.063	0.129	0.0	0.2	0.5	0.0	0.7
4210 4.0'	1,254.7	2.578	1.419	0.916	0.890	0.158	0.356	0.0	1.7	2.4	0.1	4.1
4211 7.0'	298,277.2	1,188.460	2.133	219.400	5.287	1,460.000	12,013.300	3,675.7	2,046.7	266.3	5.0	5,993.6
4212 7.0'	13,945.3	1,826.430	88.948	812.919	148.249	5,718.692	25,885.930	39,940.1	6,667.0	539.0	89.0	47,235.1
4213 7.0'	165,131.5	982.236	62.139	504.020	27.106	4,163.000	24,515.000	42,595.7	8,537.2	612.2	0.0	51,745.1
4214 7.0'	866.1	4.199	0.344	16.432	2.982	166.210	1,000.700	3,057.9	1,858.9	734.0	233.0	5,883.8
4215 7.0'	68,617.4	828.752	23.449	124.730	13.285	935.130	8,029.500	5,025.3	2,043.8	430.3	87.5	7,586.9
4216 7.0'	522,305.9	420.535	0.000	31.788	0.150	262.520	2,526.212	20,931.5	10,305.8	704.6	27.4	31,969.4
4217 7.0'	573,104.6	299.691	1.483	8.791	0.000	60.572	709.900	5,897.6	2,830.5	87.4	4.8	8,820.4
4218 7.0'	56,217.6	20.891	0.707	20.699	0.648	1.026	2.960	790.0	1,292.9	169.2	9.1	2,261.3
4219 7.0'	19,558.8	32.709	0.429	0.429	-0.045	4.862	58.854	2,058.6	1,244.8	199.8	40.0	3,543.2
4220 7.0'	330,262.6	110.466	-3,226.346	1.782	111.120	2,453.262	19,991.540	33,692.9	9,722.8	743.0	13.5	44,172.3



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4221 7.0'	276,876.1	248.611	16.961	18.041	0.832	562.570	9,088.600	10,526.0	4,683.7	269.3	53.0	15,532.0
4222 7.0'	2,991.1	4.348	0.397	7.205	0.351	56.160	317.870	226.5	108.9	46.2	56.4	438.1
4223 7.0'	120,343.3	890.737	27.406	128.641	46.772	1,611.412	9,249.344	36,185.5	8,895.1	1,035.6	124.5	46,240.8
4224 7.0'	104,654.7	437.652	0.000	155.290	32.103	416.530	864.910	9,979.4	2,533.4	366.7	42.5	12,921.9
4225 7.0'	30,162.9	64.057	2.492	45.891	5.597	162.080	1,557.500	762.5	45.5	20.0	5.5	833.5
4226 7.0'	1,102.4	12.493	-0.996	5.618	0.636	13.454	43.658	42.0	43.3	5.8	0.8	91.9
4227 7.0'	21,516.4	26.164	0.425	45.113	2.295	213.400	1,045.300	334.0	67.0	19.4	2.5	422.9
4228 7.0'	796.8	1.865	0.025	1.094	0.233	6.821	21.147	24.3	34.7	4.7	0.0	63.6
4229 7.0'	19,698.7	7.860	0.367	11.697	0.451	94.479	495.990	227.0	117.9	13.0	0.0	357.9
4230 7.0'	69,153.6	30.073	0.338	50.792	0.966	343.060	1,859.500	861.7	397.9	75.8	42.1	1,377.5
4231 7.0'	23.0	0.050	0.044	0.080	0.073	0.128	0.728	1.0	0.5	0.6	0.0	2.0
4232 7.0'	1,450.7	4.166	-2.548	1.715	0.296	15.439	46.647	136.8	39.8	4.9	5.3	186.9
4233 7.0'	317,263.3	259.737	0.856	13.474	2.441	602.610	4,758.800	5,481.7	2,260.7	31.8	3.1	7,777.2
4234 7.0'	579,949.9	66.306	-2,250.559	0.185	-25.754	18.936	23.640	18,373.9	12,356.6	2,249.2	93.0	33,072.6
4235 7.0'	219,068.0	39.318	0.000	0.069	0.477	25.510	448.920	2,296.9	1,625.0	330.0	33.2	4,285.1
4236 7.0'	14,121.8	1.625	0.033	0.042	-0.113	0.874	5.423	194.4	90.1	4.3	1.8	290.6
4237 7.0'	74,625.5	10.646	0.120	1.590	0.000	30.041	282.440	866.5	668.9	143.7	65.2	1,744.4
4238	61,757.0	7.044	0.380	0.346	0.055	5.618	50.394	4,759.6	3,637.1	991.9	62.5	9,451.1
4239	41.0	0.328	0.042	0.135	0.049	0.046	0.063	4.2	12.7	16.0	1.9	34.7
4240	11,523.0	3.561	0.580	0.355	0.472	0.332	5.290	426.5	672.2	32.3	15.5	1,146.5
4241	228,575.0	560.246	13.579	120.981	33.650	1,392.868	10,478.700	37,359.9	8,091.8	576.9	99.5	46,128.2
4242	208,496.0	150.263	6.962	39.827	0.000	494.870	7,605.300	4,948.0	1,803.1	318.2	46.1	7,115.5
4243	230,861.8	92.092	2.791	8.547	0.000	147.080	2,272.500	5,665.4	2,267.4	400.6	24.7	8,358.1
4244	301,397.8	399.203	5.716	81.128	0.000	829.410	10,970.500	4,142.6	1,721.8	356.3	50.0	6,270.6
4245	63,916.9	219.836	3.178	91.408	6.906	522.785	2,990.625	10,734.2	2,680.5	280.1	26.4	13,721.2
4246	301,594.1	188.383	0.908	23.866	1.220	223.250	2,885.300	4,948.8	1,860.6	315.1	74.5	7,198.9
4247	123,375.6	54.302	0.421	4.175	1.224	105.649	752.668	9,532.6	4,057.6	788.8	83.8	14,462.8
4248	363,792.6	168.542	0.638	15.351	-47.493	60.812	2,163.492	27,443.5	7,912.5	794.8	127.4	36,278.2
4249	357.5	2.142	0.192	0.029	0.019	0.423	9.681	1,724.7	1,364.9	274.7	93.5	3,457.7
4250	356,576.3	85.538	1.326	4.303	0.000	102.010	1,926.100	5,726.9	2,592.7	406.7	11.0	8,737.3
4251	318,403.7	104.428	0.261	5.738	0.000	105.450	1,711.600	6,628.8	2,280.4	301.6	18.8	9,229.7



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4252	342,968.1	210.358	3.895	5.648	54.063	163.560	3,478.100	6,783.6	1,954.9	280.8	49.0	9,068.3
4253	276,597.2	356.482	3.448	5.887	29.331	139.720	2,900.800	7,680.8	2,523.6	419.9	104.0	10,728.3
4254	397,582.3	69.057	2.476	3.423	8.991	161.481	1,937.157	37,589.4	10,445.0	829.7	150.3	49,014.5
4255	422,538.9	43.194	0.165	0.148	0.301	2.003	53.592	5,714.8	3,413.1	587.7	9.2	9,724.8
4256	7,135.5	3.198	0.181	3.967	-0.165	0.092	0.664	474.6	1,306.9	310.9	129.3	2,221.7
4257	581,112.7	114.222	0.527	7.567	-34.258	71.762	1,668.224	30,980.1	10,325.2	1,236.4	147.8	42,689.5
4258	444,964.9	40.715	0.000	1.227	0.216	3.511	61.376	2,154.0	1,998.6	199.0	48.7	4,400.3
4259	407,272.7	354.198	2.196	49.975	3.931	534.100	7,072.800	3,729.2	1,632.6	246.3	8.0	5,616.0
4260	32,024.0	195.031	2.127	83.936	184.220	55.432	1,107.300	2,237.3	1,097.5	148.5	0.0	3,483.3
4261	18,829.4	47.071	0.106	0.477	0.014	2.101	12.076	693.1	1,832.4	194.0	26.8	2,746.4
4262	194,584.0	41.599	0.098	0.356	0.105	0.175	2.734	2,136.4	1,960.6	190.6	34.8	4,322.5
4263	397,778.8	47.246	6.662	2.253	4.712	0.485	3.563	1,691.5	1,766.0	250.2	16.2	3,723.9
4264	377,609.7	50.631	1.866	56.778	34.907	34.121	1,179.900	2,395.5	1,337.4	228.1	9.3	3,970.3
4265	245,276.7	35.126	0.830	7.375	11.716	11.574	309.270	1,892.3	942.7	498.7	29.9	3,363.6
4266	796.1	0.822	0.405	0.102	0.598	0.258	3.456	39.4	28.8	14.1	0.9	83.3
4267	263,075.4	11.344	0.424	1.024	0.553	7.994	149.123	10,746.2	3,896.3	445.8	7.0	15,095.2
4268	6,893.3	4.686	0.189	0.362	0.128	0.105	1.066	67.4	74.8	48.7	0.9	191.9
4269	142,059.5	17.552	2.088	2.427	0.763	5.979	623.640	7,629.4	2,693.6	294.7	114.6	10,732.2
4270	146,312.0	60.147	0.528	1.285	0.361	0.870	12.742	515.4	960.0	198.5	66.0	1,739.9
4271	22,495.9	38.524	0.220	0.050	0.000	0.209	4.155	1,148.6	2,585.2	221.5	78.2	4,033.5
4272	468,625.2	26.015	1.129	0.506	0.339	5.394	104.380	8,410.7	3,941.6	443.2	109.4	12,904.8
4273	461,121.1	61.567	0.308	1.431	0.242	0.450	3.273	2,265.5	5,151.3	2,843.9	131.6	10,392.3
4274	386,662.9	56.804	0.564	4.378	7.798	6.342	282.730	2,996.4	1,031.1	441.7	10.0	4,479.2
4275	266,232.4	59.622	24.793	6.332	16.972	17.271	129.417	2,157.6	3,394.3	2,002.2	47.6	7,601.7
4276	130,085.6	136.535	1.535	18.610	0.940	3.394	5.303	622.6	1,505.4	162.4	39.4	2,329.8
4277	73,718.2	13.098	1.805	2.575	1.346	4.209	163.240	2,972.9	1,400.6	160.3	0.0	4,533.8
4278	413,484.1	226.635	9.767	9.052	-15.510	256.580	3,546.724	41,122.7	8,707.7	727.4	112.3	50,670.2
4279	571,730.2	207.986	0.000	175.560	999.900	170.580	3,368.700	5,478.9	1,214.0	160.6	0.0	6,853.5
4280	76,668.2	13.048	0.518	0.016	4.332	11.880	185.510	6,760.0	2,716.5	496.6	34.9	10,008.0
4281	1,078.9	2.558	0.000	0.091	0.113	0.257	6.251	220.4	113.3	17.9	20.1	371.7
4282	1,719.8	0.726	0.064	0.066	0.071	1.058	19.965	63.3	47.4	8.9	5.2	124.8



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4283	121,800.0	19.836	0.162	3.849	-0.060	2.176	24.349	5,741.8	3,469.9	516.8	6.5	9,735.0
4284	693,269.6	62.574	0.000	0.632	0.000	32.533	394.860	2,017.2	1,404.7	192.8	24.1	3,638.8
4285	124,302.4	28.663	0.951	8.057	2.484	19.382	259.929	7,782.8	3,204.9	516.9	32.6	11,537.1
4286	244,551.2	58.918	0.398	7.004	0.970	13.615	183.890	1,646.3	1,129.4	162.6	15.4	2,953.7
4287	16,545.9	2.672	0.198	0.902	0.186	1.561	8.684	327.1	177.9	26.8	3.5	535.2
4288	286,510.7	119.895	0.801	14.612	3.093	56.864	1,088.600	6,891.6	2,414.2	427.5	6.9	9,740.2
4289	371,371.6	101.422	0.508	0.992	0.342	34.541	438.837	27,974.0	8,786.4	962.8	43.5	37,766.8
4290	43,527.0	13.682	1.634	4.672	1.162	60.243	1,273.500	6,536.9	4,394.2	467.2	162.0	11,560.2
4291	25,161.8	13.272	0.748	56.993	83.522	94.879	1,038.055	10,861.2	1,513.4	240.2	21.1	12,635.9
4292	30,375.1	7.651	0.628	2.635	0.460	0.713	1.697	12.7	18.9	2.0	0.0	33.6
4293	573,960.2	40.653	0.305	0.178	0.245	0.113	0.614	3,010.5	3,163.2	949.5	8.4	7,131.5
4294	243,140.6	33.998	0.585	0.657	0.180	0.743	10.311	868.2	1,699.4	361.3	26.4	2,955.4
4295	53,264.6	5.940	0.471	7.235	0.225	0.402	1.016	182.6	380.1	10.4	1.7	574.8
4296	100,775.3	20.686	0.239	0.319	0.107	0.230	1.165	1,602.1	3,627.8	702.3	80.9	6,013.1
4297	508,757.8	77.209	1.710	27.200	1.058	131.140	852.130	5,330.1	1,719.7	306.3	7.8	7,364.0
4298	215,845.1	29.313	0.018	0.343	0.045	0.122	0.137	278.4	347.6	9.6	0.1	635.6
4299	507,522.1	51.036	0.000	3.729	0.000	10.579	55.849	4,783.2	4,126.8	508.9	32.2	9,451.2
4300	95,829.5	21.420	0.000	1.001	0.137	2.612	48.175	642.5	280.3	20.1	0.0	942.8
4301	90,196.6	12.723	0.116	4.076	0.125	26.768	56.185	709.2	572.8	50.7	3.7	1,336.5
4302	261,858.2	83.090	0.000	0.259	0.000	1.745	88.138	4,810.1	1,872.7	141.7	9.8	6,834.4
4303	179,426.1	22.803	0.000	0.169	0.015	1.485	34.936	4,624.3	3,239.1	334.6	22.4	8,220.4
4304	438,943.6	68.390	0.000	16.812	0.000	185.620	10.383	886.7	1,128.8	117.9	16.7	2,150.1
4305	376,849.4	151.361	0.000	6.951	0.000	9.449	19.736	2,795.3	1,331.9	122.0	0.0	4,249.2
4306	200,486.7	180.177	1.638	3.715	0.608	1.845	4.186	120.1	422.5	46.9	0.3	589.8
4307	169,656.6	15.396	0.443	4.153	0.299	2.323	12.758	162.5	552.7	365.2	7.1	1,087.5
4308	78,585.3	25.605	2.077	11.307	39.748	4.285	13.527	196.3	798.4	724.9	50.3	1,769.8
4309	81,551.4	56.870	1.033	2.508	0.624	0.593	1.462	112.1	348.2	271.7	0.0	731.9
4310	327,380.8	58.092	0.000	3.152	0.053	2.284	4.274	108.5	570.6	257.9	4.8	941.7
4311	35,564.3	87.820	0.202	0.573	0.264	0.133	6.099	6,448.1	2,546.3	436.2	0.0	9,430.6
4312	329,523.5	57.079	0.127	0.080	0.070	0.937	11.340	6,798.4	4,267.4	396.2	52.3	11,514.3
4313	7,053.9	1.844	0.084	0.455	0.074	5.282	58.121	464.2	274.1	43.9	13.7	795.9



# Exploration Technologies, Inc.

7755 Synott Road Houston, Texas 77083 (281) 530-4300 FAX (281) 530-4308

## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4314	548,890.4	71.787	0.142	0.334	0.162	12.925	277.340	3,577.8	2,016.6	300.7	31.7	5,926.7
4315	473,155.3	87.811	0.000	13.571	0.000	64.813	764.270	12,874.8	4,559.1	368.4	6.8	17,809.1
4316	81,962.3	15.536	0.451	10.025	1.190	14.408	166.550	2,080.7	901.9	170.7	4.5	3,157.7
4317	11,455.0	3.531	0.065	0.962	0.035	0.251	0.822	64.7	50.2	8.9	0.0	123.9
4318	229,511.9	30.328	0.909	63.878	211.748	157.687	1,926.265	25,507.8	6,350.5	571.5	40.6	32,470.4
4319	30,209.9	6.266	0.102	10.341	0.733	12.760	98.855	181.5	158.8	38.3	2.5	381.1
4320	420,367.7	11.230	0.256	1.391	3.265	4.018	76.202	5,788.7	3,160.7	454.0	24.0	9,427.4
4321	195,726.3	31.329	1.423	5.920	2.578	6.885	136.990	967.1	728.7	427.7	8.6	2,132.1
4322	76,093.5	43.540	0.390	3.120	0.510	4.310	60.790	1,804.3	1,263.6	889.2	56.3	4,013.4
4323	13,874.8	2.970	0.250	0.490	0.150	0.090	1.010	140.4	691.9	121.4	11.9	965.7
4324	84.8	0.430	0.110	0.420	0.090	0.280	0.160	0.2	0.0	0.1	0.0	0.3
4325	115,230.7	34.530	0.120	97.490	26.630	48.260	427.590	4,398.0	1,004.5	205.4	9.4	5,617.3
4326	77,314.8	13.540	0.180	39.940	39.080	18.380	405.140	884.7	766.5	218.1	3.6	1,872.9
4327	101,935.3	19.140	0.200	21.940	9.600	19.500	257.930	912.1	723.2	231.6	62.5	1,929.4
4328	97,576.3	15.000	0.140	22.350	6.560	15.530	333.870	538.0	477.8	122.9	6.9	1,145.6
4329	27,419.6	3.670	0.400	1.170	2.730	0.470	1.700	70.1	457.9	151.5	2.0	681.4
4330	49,238.3	7.900	0.360	2.250	0.520	0.450	1.790	0.0	0.8	0.0	0.0	0.8
4331	295,689.5	106.640	0.210	3.150	0.180	1.490	1.220	171.0	794.6	796.1	42.0	1,803.6
4332	367,635.6	227.660	0.150	3.650	0.720	0.000	4.940	236.7	730.8	601.1	38.4	1,607.1
4333	13,253.6	8.360	0.000	1.990	0.040	1.300	0.930	0.0	0.0	0.5	0.4	0.9
4334	360,445.2	48.920	0.300	0.850	11.880	5.980	14.160	10,311.5	10,984.4	2,411.1	101.0	23,807.9
4335	17,955.5	4.980	0.450	2.420	7.150	0.600	0.750	8.3	11.9	20.7	0.0	40.9
4336	12,427.2	647.170	0.000	0.490	0.150	0.620	7.370	184.5	53.8	3.6	0.0	241.9
4337	471.7	1.120	0.150	0.480	0.130	0.120	0.190	0.1	0.2	0.2	0.0	0.4
4338	453,129.9	42.080	2.350	23.400	36.360	25.270	563.370	2,225.8	1,573.4	203.7	6.4	4,009.2
4339	232,591.7	28.950	3.850	22.440	46.820	28.800	667.570	1,111.4	1,027.0	253.2	7.6	2,399.2
4340	425,155.5	43.840	1.560	11.280	28.240	13.850	328.750	2,975.6	1,938.1	128.0	5.5	5,047.1
4341	62,672.6	9.150	1.410	1.300	1.480	1.250	21.500	516.0	649.1	21.3	0.0	1,186.4
4342	412,191.7	202.990	1.190	0.390	0.170	0.480	68.930	5,826.4	1,635.9	26.3	0.0	7,488.6
4343	150,710.6	26.820	1.640	1.210	0.250	0.840	147.630	2,602.6	252.8	15.7	2.0	2,873.0
4344	180,473.6	21.080	1.200	1.910	0.660	1.010	66.810	337.2	38.8	0.0	0.0	376.0



# Exploration Technologies, Inc.

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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4345	85,578.4	9.510	3.080	11.780	8.950	15.440	138.040	1,890.0	873.3	158.3	3.5	2,925.2
4346	52,911.8	12.920	0.640	2.940	0.520	1.200	30.380	649.6	327.3	19.4	0.6	996.8
4347	103,901.8	82.190	1.620	12.030	1.150	7.290	93.010	3,032.1	1,203.8	180.0	3.2	4,419.1
4348	284,952.2	27.340	0.700	1.520	0.610	0.360	16.020	2,709.1	1,666.9	76.2	5.5	4,457.6
4349	334,675.1	29.700	0.180	0.420	0.270	0.260	14.640	2,293.8	1,695.8	108.8	17.4	4,115.8
4350	110,151.7	76.060	3.110	8.910	0.470	118.490	2,560.340	3,830.5	1,100.9	181.9	19.1	5,132.4
4351	320,224.5	159.610	4.710	6.430	0.000	295.950	6,262.800	4,414.2	1,545.4	238.0	22.5	6,220.1
4352	45,408.3	10.530	0.220	0.630	0.120	11.340	73.930	331.0	270.6	54.8	14.3	670.7
4353	42,928.2	39.740	0.280	0.550	0.290	11.310	72.120	1,277.6	1,379.5	446.9	57.5	3,161.5
4354	21,213.6	8.070	0.680	1.920	0.260	11.130	86.010	737.0	292.4	6.4	0.0	1,035.7
4355	96,877.5	29.630	0.250	2.370	0.000	46.320	733.310	4,365.6	1,669.4	127.0	4.3	6,166.4
4356	304,979.3	61.560	0.630	6.620	3.650	183.430	1,292.710	2,084.1	1,032.6	84.8	12.0	3,213.3
4357	171,949.8	65.090	0.660	8.340	12.280	127.350	840.640	9,183.5	3,453.4	380.4	22.7	13,039.9
4358	9,275.5	9.430	0.810	3.940	1.360	12.970	111.140	463.3	247.7	24.1	20.9	755.9
4359	6,462.0	2.860	0.400	1.160	0.340	6.750	83.170	4,447.4	2,741.1	648.0	119.6	7,956.0
4360	20,834.8	26.120	1.230	2.870	0.450	6.290	117.260	836.3	504.1	81.8	51.4	1,473.4
4361	175,481.5	84.980	1.950	5.200	1.590	157.770	3,834.920	5,345.7	1,368.8	184.2	27.2	6,926.0
4362	42,385.1	2.030	0.260	0.220	0.120	1.680	44.470	626.2	402.0	27.9	4.3	1,060.3
4363	50,003.4	6.860	0.260	1.220	0.050	5.650	195.920	1,575.4	697.9	86.0	8.6	2,368.0
4364	86,425.7	5.640	0.100	0.460	0.070	0.390	7.030	190.9	72.8	1.6	0.0	265.3
4365	3,912.1	47.530	0.450	0.150	0.040	0.460	4.370	1,211.2	2,505.3	411.1	24.5	4,152.1
4366	297.4	5.440	0.230	2.030	0.250	0.430	0.510	0.0	0.0	0.5	0.4	0.8
4367	2,278.9	3.610	0.280	1.170	0.190	0.240	0.290	17.8	23.9	2.9	0.0	44.6
4368	555,341.2	31.180	0.860	0.510	0.160	0.670	3.360	279.1	489.5	28.0	0.0	796.6
4369	378,003.4	27.550	0.720	0.150	-0.210	0.560	2.620	711.3	1,021.9	269.2	0.0	2,002.4
4370	91.8	0.660	0.040	0.110	0.040	0.030	0.040	0.5	4.1	0.5	0.0	5.1
4371	400.7	0.550	0.080	0.330	0.060	0.100	0.210	12.5	31.2	25.1	3.7	72.5
4372	28,557.0	2.150	0.120	0.250	0.090	0.040	0.110	3.6	3.0	4.2	0.0	10.8
4373	56,902.7	7.530	0.130	0.310	0.110	0.080	0.120	111.3	221.9	9.2	1.4	343.8
4374	1,278.4	0.440	0.060	0.440	0.040	0.190	0.230	0.0	0.0	0.7	0.0	0.7
4375	950.1	0.650	0.230	0.640	0.110	0.280	0.460	0.8	0.0	0.0	0.0	0.8



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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4376	6,250.4	0.870	0.230	0.270	0.130	0.070	0.240	1.4	2.3	2.8	0.7	7.2
4377	6,193.8	0.670	0.250	0.230	0.140	0.070	0.190	2.8	5.4	3.6	0.7	12.5
4378	15,851.4	8.080	0.540	2.820	0.310	0.630	0.920	3.8	9.5	6.2	0.0	19.5
4379	87,684.3	18.980	0.170	0.440	0.070	0.230	0.690	229.8	823.0	157.7	3.7	1,214.2
4380	109,692.0	8.650	1.230	0.940	0.110	0.200	0.420	16.6	43.9	2.0	0.2	62.7
4381	49,105.7	4.160	0.930	0.600	0.120	0.110	0.260	7.7	6.1	0.0	0.0	13.8
4382	107,157.5	15.370	0.040	0.250	0.010	0.230	1.770	29.6	24.3	14.3	0.4	68.6
4383	114,498.8	14.910	0.040	0.290	0.030	0.240	1.920	11.2	48.4	40.4	4.0	104.0
4384	410,062.2	124.050	0.000	3.530	11.110	7.410	406.230	3,171.7	1,240.1	116.2	0.0	4,528.0
4385	348,154.8	172.270	0.000	3.560	9.990	5.260	279.050	2,425.0	1,054.1	121.0	0.0	3,600.1
4386	62,003.2	0.890	0.070	0.310	0.060	0.120	0.390	5.8	0.7	0.0	0.0	6.5
4387	25,617.3	0.470	0.140	0.170	0.070	0.040	0.200	5.3	1.9	1.3	0.0	8.5
4388	4,329.9	23.790	0.010	0.720	0.070	0.180	0.400	32.1	65.2	12.6	0.9	110.8
4389	272,265.8	20.030	0.050	0.560	0.080	0.130	0.320	22.5	44.3	8.0	0.0	74.7
4390	4,134.0	24.710	0.000	0.340	0.090	0.370	0.600	103.4	334.9	80.9	9.7	528.8
4391	460,671.9	7.830	-99.000	0.170	10.060	0.320	0.510	191.3	589.0	420.8	17.1	1,218.2
4392	5,802.1	0.510	0.170	0.130	0.110	0.060	0.070	1.0	1.7	1.3	0.0	4.0
4393	19,288.1	1.280	0.310	0.270	0.170	0.060	0.130	3.2	2.0	1.1	0.0	6.3
4394	3,799.4	0.330	0.110	0.120	0.040	0.050	0.050	0.0	0.2	0.6	0.0	0.8
4395	431,202.5	22.740	10.070	0.480	0.190	0.190	0.510	227.5	528.5	110.2	5.9	872.0
4396	389,365.2	12.380	2.950	0.660	0.070	0.310	0.640	247.6	340.4	139.7	38.2	765.9
4397	380,876.4	3.200	0.110	0.580	0.090	0.280	0.620	110.4	74.9	28.6	0.8	214.6
4398	4,259.8	0.450	0.080	0.790	2.100	1.540	25.660	284.3	43.4	15.8	1.8	345.2
4399	259.6	0.630	0.000	0.090	0.170	0.100	3.640	32.0	5.4	1.3	0.0	38.7
4404	337,783.3	55.260	194.860	5.810	0.760	1.550	4.510	99.7	162.8	52.7	1.1	316.3
4405	223,756.5	64.660	221.550	6.960	0.840	1.780	4.670	103.1	172.8	48.5	0.2	324.6
4408	13,125.2	1.690	0.370	9.830	0.130	1.930	11.950	1.1	1.0	0.0	0.0	2.0
4409	378,974.5	52.170	-2.400	367.380	15.870	93.820	376.120	66.3	81.6	12.3	0.0	160.1
4410	410,157.5	14.440	0.000	96.410	0.380	28.840	285.560	75.4	221.9	80.9	12.0	390.2
4411	420,145.3	14.950	0.140	99.410	0.470	28.700	284.930	76.7	219.8	84.4	14.8	395.7
4412	17.4	0.370	0.090	0.180	0.150	0.040	0.780	0.2	0.0	0.4	0.0	0.6





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## PCC Complex SOIL VAPOR ANALYSES - (7 FOOT)

TABLE 1b  
VOLATILE ORGANIC C1-C4, & C5+ (ppmv) HYDROCARBONS

SAMPLE NO.	METHANE	ETHANE	ETHYLENE	PROPANE	PROPYLENE	I-BUTANE	N-BUTANE	C5-BZ	BZ-TL	TL-XYL	XYL+	C5+
4413	93,361.3	19.250	0.480	300.410	737.110	166.300	5,311.100	1,016.4	37.6	11.8	0.0	1,065.8
4414	20.4	0.400	0.050	0.330	0.110	0.030	0.280	0.0	0.0	0.9	0.0	0.9
4415	1,833.1	1.230	0.000	13.070	3.770	0.460	12.790	0.0	1.5	4.3	0.3	6.1
4416	15.6	0.340	0.190	0.110	0.190	0.020	0.160	0.0	0.0	0.4	0.0	0.4
4417	103.0	0.180	0.100	0.570	1.550	0.290	6.890	13.1	0.4	0.3	0.0	13.8
4418	1,947.2	2.910	0.220	3.090	0.470	12.330	64.060	227.9	210.7	19.9	22.7	481.2
4419	6,914.6	4.600	0.080	0.860	0.080	2.050	6.000	82.5	62.1	26.5	40.8	211.9
4420	6,482.2	10.760	0.000	0.750	0.050	4.710	32.060	237.8	239.4	72.5	8.6	558.3
4421	2,672.6	3.080	0.210	0.340	0.230	0.780	1.590	17.8	24.4	28.5	3.7	74.4
4422	2,526.6	0.780	0.300	0.600	0.000	3.650	22.090	166.5	81.2	77.1	14.2	338.9
4423	3,195.7	14.640	0.130	0.440	0.070	0.670	3.280	36.5	46.0	49.6	13.0	145.1
4424	183,177.6	13.370	3.250	2.300	0.210	27.110	78.340	453.7	468.8	60.9	8.4	991.7
4425	23,279.7	43.150	0.560	22.470	1.260	123.060	604.520	881.3	343.5	10.2	3.0	1,238.0
4426	9,383.5	16.620	2.520	10.200	3.540	51.740	151.470	4,219.4	5,109.7	1,984.7	564.5	11,878.3
4427	3,721.1	1.770	0.360	2.460	0.250	16.050	45.140	220.3	222.5	79.6	12.7	535.0
4428	9.7	0.040	0.010	0.210	0.020	0.040	0.050	0.6	0.5	0.5	0.0	1.6
4429	57,595.8	0.830	0.130	0.370	0.100	0.200	0.280	1.6	0.0	0.0	0.0	1.6
4430	833.0	0.100	0.090	0.450	0.110	0.330	0.310	1.0	1.0	0.4	0.0	2.4
4431	23,749.2	4.940	0.410	0.500	0.320	0.140	0.220	0.0	0.0	0.4	0.0	0.4
4433	142.2	1.700	0.510	0.410	0.040	0.100	0.100	0.0	0.7	2.1	0.0	2.8
4434	47.6	1.090	0.910	0.390	0.670	0.000	0.040	0.3	0.0	0.7	0.0	1.0
4436	16.7	0.760	0.220	0.310	0.170	0.060	0.090	0.0	0.0	0.8	0.0	0.7
4437	25.5	0.090	0.020	0.030	0.020	0.020	0.020	0.0	0.0	0.6	0.0	0.7
4438	499.1	3.020	0.450	1.530	0.330	0.300	0.460	0.0	0.6	0.9	0.0	1.5
4439	64.0	1.450	0.280	0.480	0.140	0.130	0.110	0.0	0.1	1.0	0.0	1.1
4440	119.2	0.380	0.060	0.200	0.080	0.040	0.080	1.0	1.1	0.9	0.0	2.9
4442	52,199.5	7.160	13.090	-0.050	0.030	0.390	10.130	4,410.2	6,359.9	38.2	12.3	10,820.6
3898 2.0'	175.6	0.537	0.389	0.401	0.424	1.455	6.086	20.7	10.7	2.1	0.1	33.6