



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-101 (01/09/93) PZ3832	3,239.4	36.870	8.260	20.980	6.000	96.270	387.060	256.0	577.0	40.9	20.8	894.7
MW-101 (01/20/93) PZ4159	2,554.9	42.150	6.110	18.070	5.020	78.050	460.370	76.9	486.9	118.0	85.3	767.1
MW-101 (03/18/93) PZ5031	6,935.0	131.000	23.870	61.000	27.980	297.300	1,193.000	3,877.7	3,597.3	3,586.3	2,021.4	13,082.7
MW-101 (04/14/93) PZ5465	8,319.6	106.240	16.700	24.900	14.380	54.270	303.470	26.6	854.0	393.1	923.1	2,196.8
MW-101 (05/26/93) PZ7171	1,039.9	19.130	4.710	9.050	4.600	43.610	168.530	1,297.9	8.2	203.4	36.8	1,546.3
MW-101 (06/24/93) PZ7580	6,425.4	73.420	18.680	29.020	13.130	158.820	661.260	1,747.7	44.8	427.5	268.5	2,488.5
MW-101 (08/03/93) PZ8085	9,282.0	67.860	6.260	28.410	9.400	131.760	506.090	23.3	481.2	123.9	205.3	833.6
MW-101 (08/26/93) PZ8529	5,963.3	47.390	6.440	22.450	8.740	117.190	754.490	45.4	388.1	208.1	397.8	1,039.3
MW-101 (10/08/93) PZ9335	1,024.8	12.780	3.380	10.410	3.590	77.930	337.340	1,862.3	62.6	787.8	131.5	2,844.2
MW-101 (11/22/93) PZ9989	1,823.7	12.730	1.690	10.090	2.440	83.260	374.170	998.7	798.1	455.2	369.4	2,621.4
MW-101 (12/11/93) AP1001	1,538.2	2.170	0.130	2.850	0.270	31.240	146.920	212.3	101.3	9.8	40.1	363.5
MW-102 (01/11/93) PZ3958	3,333.6	89.810	243.920	37.030	28.760	142.740	1,142.600	738.3	1,413.9	1,339.5	1,327.9	4,819.6
MW-102 (03/18/93) PZ5033	8,344.0	155.000	320.510	91.000	53.170	290.380	1,383.000	8,158.4	25.5	391.9	26.2	8,602.0
MW-102 (04/14/93) PZ5467	7,791.0	128.370	354.910	61.950	32.940	184.670	835.950	1,105.8	3,543.4	2,225.9	273.4	7,148.5
MW-102 (05/26/93) PZ7172	536.2	11.960	31.320	5.460	3.920	20.520	101.430	1,062.3	2,917.8	1,269.4	646.9	5,896.4
MW-102 (06/24/93) PZ7583	1,609.0	57.580	0.000	30.730	14.510	135.440	634.320	2,279.4	4,600.6	3,746.6	982.0	11,608.6
MW-102 (08/03/93) PZ8087	1,492.0	70.220	130.300	32.750	17.380	134.270	596.970	71.1	1,263.4	842.8	324.2	2,501.5
MW-102 (08/26/93) PZ8533	8,101.3	64.510	34.730	57.680	28.120	226.870	1,575.700	61.3	1,179.6	991.9	866.6	3,099.3
MW-102 (10/08/93) PZ9339	10,144.4	113.060	198.520	57.680	40.680	217.050	1,545.800	1,129.5	3,461.0	1,139.7	501.6	6,231.8
MW-102 (11/22/93) PZ9992	9,973.3	248.740	193.170	80.060	36.330	344.400	1,412.220	1,450.7	4,671.1	1,326.2	114.4	7,562.4
MW-102 (12/11/93) AP1005	3,784.7	89.820	67.950	32.670	16.280	140.940	661.980	2,099.3	3,713.1	1,295.1	839.9	7,947.4

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-103 (01/11/93) PZ3960	18,794.6	148.370	3.400	59.770	7.500	326.390	2,214.300	6,833.9	7,978.2	4,075.2	2,657.1	21,544.2
MW-103 (03/18/93) PZ4901	18,612.0	176.000	5.210	60.000	6.370	341.040	2,832.000	104.9	635.0	165.1	715.3	1,620.3
MW-103 (04/14/93) PZ5469	5,239.5	71.250	4.030	20.580	2.600	102.630	883.650	69.5	787.2	303.7	828.8	1,989.2
MW-103 (05/26/93) PZ7173	645.4	10.850	1.130	1.610	0.650	5.620	35.670	2,996.0	200.1	689.5	593.4	4,478.9
MW-103 (06/24/93) PZ7585	7,487.8	93.790	4.510	32.550	4.220	193.160	1,538.100	44.7	821.9	420.5	1,061.1	2,348.2
MW-103 (08/03/93) PZ8089	12,192.2	80.930	2.770	24.610	3.800	90.620	750.170	210.2	771.6	144.9	374.0	1,500.6
MW-103 (08/26/93) PZ8537	6,946.7	126.790	4.970	36.020	2.590	256.070	1,312.740	1,842.8	1,989.6	349.7	1,153.4	5,335.5
MW-103 (10/08/93) PZ9342	9,028.7	42.980	1.720	23.510	3.790	110.980	589.300	1,474.6	3,436.5	647.3	649.7	6,208.1
MW-103 (11/22/93) PZ9995	7,011.1	80.110	2.130	20.000	2.350	111.920	561.630	1,467.7	2,271.7	208.8	310.2	4,258.4
MW-103 (12/11/93) AP1009	5,038.4	57.630	2.380	14.830	2.710	57.330	276.600	543.0	245.6	38.6	76.1	903.3
MW-104 (01/11/93) PZ3962	8,671.1	143.510	3.650	54.930	5.070	274.180	1,798.600	3,904.5	2,606.3	746.4	546.7	7,803.9
MW-104 (03/18/93) PZ4903	10,067.0	114.000	6.690	57.000	9.090	244.640	1,665.000	243.3	430.7	415.3	842.6	1,931.7
MW-104 (04/14/93) PZ5471	7,525.8	97.510	17.900	45.550	10.320	176.890	798.460	730.9	1,638.4	279.4	821.7	3,470.4
MW-104 (05/26/93) PZ7174	1,901.3	18.620	1.780	10.450	2.430	43.400	190.430	264.4	686.1	49.2	112.5	1,112.2
MW-104 (06/24/93) PZ7587	5,220.8	41.570	1.600	21.650	3.340	90.430	627.870	7,476.6	13,471.4	4,158.4	7,365.5	32,471.8
MW-104 (08/03/93) PZ8091	11,324.8	61.900	4.080	30.270	7.140	115.090	873.780	202.9	670.3	124.7	272.2	1,270.1
MW-104 (08/25/93) PZ8541	11,648.2	60.660	4.060	31.930	7.970	145.630	1,155.400	63.1	436.9	1.4	259.5	760.8
MW-104 (10/07/93) PZ9347	10,722.8	77.520	2.510	20.090	9.940	188.790	772.330	1,524.0	2,322.1	462.9	170.6	4,479.6
MW-104 (11/22/93) PZ9956	14,939.5	116.560	6.400	50.830	11.000	204.570	833.640	756.1	1,811.7	84.6	188.4	2,840.8
MW-104 (12/11/93) AP1013	5,533.7	54.650	1.480	26.160	3.790	150.650	669.740	3,094.2	3,640.2	1,157.2	631.7	8,523.3
MW-105 (01/11/93) PZ3963	8,186.1	126.090	3.060	32.850	7.820	136.890	894.100	3,586.0	2,929.4	138.3	316.3	6,969.9
MW-105 (03/18/93) PZ4905	7,455.0	78.000	2.530	26.000	4.060	104.050	803.000	4,793.7	4,063.2	1,196.1	1,933.8	11,986.7
MW-105 (05/26/93) PZ7175	1,843.2	18.280	0.540	3.540	0.850	12.470	80.200	330.8	11.9	78.5	205.7	626.8
MW-105 (06/24/93) PZ7589	5,012.1	69.590	6.640	15.740	3.190	97.930	426.410	1,212.4	826.6	308.0	241.8	2,588.8
MW-105 (08/03/93) PZ8093	6,688.2	1.020	1.320	16.520	1.830	76.170	290.310	85.9	324.0	47.0	192.9	649.7
MW-105 (08/25/93) PZ8545	4,554.0	40.880	0.540	17.050	1.700	97.690	560.520	103.5	189.6	29.1	215.7	537.9
MW-105 (10/07/93) PZ9350	4,101.8	41.700	3.400	12.970	2.880	69.740	331.950	992.5	858.4	89.4	192.7	2,133.0
MW-105 (11/22/93) PZ9959	3,779.1	63.680	3.020	15.700	3.440	87.200	435.930	1,167.8	2,315.3	87.9	182.6	3,753.6
MW-105 (12/11/93) AP1017	2,192.1	23.560	1.790	7.620	2.080	48.890	251.430	1,238.1	960.6	451.7	201.8	2,852.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-106 (01/09/93) PZ3835	978.9	14.250	0.000	9.360	0.160	37.700	177.840	59.2	361.6	154.4	81.5	656.7
MW-106 (03/18/93) PZ4907	7,929.0	40.000	1.180	75.000	0.920	356.780	1,310.000	2,085.9	2,909.2	989.4	619.1	6,603.5
MW-106 (04/16/93) PZ5475	3,577.3	27.620	1.010	37.140	0.340	169.510	640.890	2,806.1	2,595.9	1,384.0	154.3	6,940.3
MW-106 (05/26/93) PZ7176	328.3	3.120	0.270	3.690	0.150	9.680	44.870	232.1	1,616.6	590.1	282.8	2,721.6
MW-106 (06/26/93) PZ7591	1,694.8	18.480	1.150	17.770	0.270	33.070	183.560	459.1	1,099.1	299.6	305.7	2,163.5
MW-106 (08/26/93) PZ8549	1,040.4	5.990	0.610	13.130	0.270	60.940	261.520	762.3	1,707.1	737.0	993.2	4,199.6
MW-106 (10/08/93) PZ9355	1,776.7	9.180	0.430	12.700	0.580	40.330	218.050	172.9	599.7	162.3	127.3	1,062.2
MW-106 (11/22/93) PZ9998	6,751.7	50.480	1.080	55.730	0.820	190.050	731.980	741.6	63.0	9.3	96.5	910.4
MW-106 (12/11/93) AP1021	912.6	9.990	0.280	10.040	0.120	51.790	170.560	197.9	138.0	18.3	120.5	474.7
MW-107 (01/09/93) PZ3838	3,007.6	2.510	0.020	0.290	0.090	3.310	24.280	1,018.1	1,258.5	700.8	274.0	3,251.4
MW-107 (03/18/93) PZ4909	2,132.0	1.000	0.930	0.000	0.460	4.320	31.000	1,373.3	2,603.6	1,551.6	1,248.2	6,776.7
MW-107 (04/16/93) PZ5477	2,088.6	1.920	1.320	0.140	0.060	1.380	18.850	925.6	1,719.3	1,434.5	1,965.9	6,045.3
MW-107 (05/26/93) PZ7177	356.4	0.750	0.590	0.050	0.050	0.350	2.120	1,160.8	41.7	496.9	690.4	2,389.8
MW-107 (06/25/93) PZ7594	1,469.1	3.600	1.520	0.130	0.070	1.850	11.320	1,757.2	83.3	466.6	2,161.8	4,468.9
MW-107 (08/04/93) PZ8097	3,264.7	3.940	0.710	2.230	0.000	26.770	157.540	325.4	458.0	316.8	575.9	1,676.0
MW-107 (08/26/93) PZ8553	1,000.1	3.150	0.280	0.430	0.030	6.460	20.660	344.1	343.2	26.8	118.1	832.2
MW-107 (10/08/93) PZ9359	389.3	0.730	0.040	0.180	0.010	2.520	9.350	143.1	32.7	4.9	42.2	222.9
MW-107 (11/22/93) PZ9782	1,845.0	1.320	0.110	0.160	0.050	1.760	5.850	11.7	5.6	2.7	0.1	20.1
MW-107 (12/11/93) AP1025	0.8	0.010	0.010	0.030	0.000	0.400	0.100	0.6	0.6	2.2	0.0	3.4
MW-108 (01/11/93) PZ4038	731.5	4.800	0.560	0.850	0.390	0.210	16.280	1,584.2	2,352.0	1,650.4	379.6	5,966.1
MW-108 (03/18/93) PZ4912	40.0	0.000	0.040	0.000	0.060	0.080	8.000	4,446.6	10,853.3	3,967.4	3,616.2	22,883.4
MW-108 (04/16/93) PZ5479	1,410.5	3.900	0.590	0.890	0.170	0.650	17.650	1,372.9	1,148.8	1,301.8	1,483.2	5,306.6
MW-108 (05/26/93) PZ7178	1,073.3	1.990	0.000	0.060	0.040	0.080	6.740	260.5	1,219.8	779.9	495.8	2,756.0
MW-108 (06/26/93) PZ7596	6,113.8	6.940	1.470	0.290	0.170	1.420	20.530	1,753.6	3,434.6	4,283.1	802.8	10,274.1
MW-108 (08/04/93) PZ8099	2,708.1	2.640	0.420	0.320	0.100	1.070	16.640	955.4	905.8	642.2	502.6	3,006.0
MW-108 (08/26/93) PZ8557	2,509.8	2.500	0.420	0.550	0.090	0.150	11.050	491.5	350.5	392.6	832.2	2,066.7
MW-108 (10/08/93) PZ9361	3,110.1	3.250	0.340	0.340	0.070	0.690	17.010	1,084.9	1,851.3	1,525.0	257.1	4,718.3
MW-108 (11/22/93) APZ008	3,551.8	3.930	0.220	0.390	0.060	0.760	15.820	715.2	1,264.6	487.0	483.4	2,950.2
MW-108 (12/11/93) AP1028	1,685.0	3.370	0.280	0.270	0.040	0.540	9.400	418.0	607.4	169.4	614.5	1,809.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-109 (01/09/93) PZ3844	3.1	0.050	0.010	0.640	0.000	0.130	0.140	3.2	0.3	0.4	0.0	3.8
MW-109 (01/20/93) PZ4156	1.7	0.020	0.010	0.180	0.000	0.040	0.050	2.7	0.0	0.3	0.0	3.0
MW-109 (03/18/93) PZ4766	1.0	0.000	0.000	0.000	0.000	0.010	0.000	0.3	0.0	0.2	0.0	0.4
MW-109 (04/14/93) PZ5481	1.1	0.030	0.010	0.050	0.010	0.030	0.040	3.8	2.3	0.0	0.4	6.4
MW-109 (05/26/93) PZ7180	3.0	0.010	0.000	0.010	0.010	0.020	0.020	0.0	0.0	0.0	0.0	0.0
MW-109 (08/04/93) PZ8101	3.6	0.050	0.060	0.110	0.010	1.290	2.930	10.8	4.6	0.5	2.7	18.6
MW-109 (08/26/93) PZ8561	0.5	0.010	0.010	0.010	0.000	0.050	0.000	0.0	0.0	0.1	0.1	0.2
MW-109 (10/08/93) PZ9365	1.0	0.030	0.010	0.040	0.000	0.210	0.090	0.1	0.8	0.9	0.6	2.4
MW-109 (11/22/93) PZ9785	517.3	0.210	0.000	0.240	0.010	0.090	0.150	0.1	0.2	0.9	0.0	1.2
MW-109 (12/11/93) AP1032	0.7	0.010	0.000	0.050	0.010	0.010	0.010	0.0	0.4	0.4	0.4	1.2
MW-110 (01/09/93) PZ3847	6.9	0.020	0.020	0.030	0.020	0.020	0.030	0.0	0.0	0.0	0.0	0.0
MW-110 (03/18/93) PZ4768	2.0	0.000	0.010	0.000	0.000	0.010	0.000	0.3	0.0	0.0	0.0	0.3
MW-110 (04/14/93) PZ5484	2.2	0.040	0.020	0.020	0.010	0.020	0.010	6.2	3.1	0.1	1.6	11.0
MW-110 (05/26/93) PZ7183	16.0	0.030	0.000	0.000	0.010	0.010	0.010	0.2	0.0	0.0	0.0	0.2
MW-110 (08/04/93) PZ8104	3.8	0.050	0.030	0.020	0.010	0.020	0.010	2.9	1.9	0.0	3.7	8.5
MW-110 (08/26/93) PZ8564	2.0	0.040	0.100	0.010	0.010	0.010	0.010	0.1	0.0	0.1	0.0	0.2
MW-110 (10/08/93) PZ9369	7.0	0.030	0.040	0.010	0.010	0.010	0.020	0.0	0.0	0.2	0.0	0.2
MW-110 (11/22/93) PZ9788	5.9	0.060	0.020	0.040	0.010	0.070	0.020	0.1	0.0	0.8	0.0	0.9
MW-110 (12/11/93) AP1035	1.8	0.010	0.000	0.010	0.010	0.000	0.010	0.1	0.1	0.1	0.4	0.7
MW-111 (01/09/93) PZ3850	2.7	0.030	0.010	0.630	0.010	0.030	0.050	0.0	0.0	0.0	0.0	0.0
MW-111 (03/18/93) PZ4772	2.0	0.000	0.000	0.000	0.010	0.000	0.000	0.2	0.0	0.0	0.0	0.2
MW-111 (04/14/93) PZ5487	1.0	0.020	0.010	0.060	0.010	0.010	0.010	2.7	2.7	0.0	0.3	5.7
MW-111 (05/26/93) PZ7359	1.1	0.010	0.010	0.020	0.000	0.030	0.030	0.2	0.4	1.8	1.2	3.5
MW-111 (08/04/93) PZ8107	7.9	0.040	0.010	0.040	0.010	0.030	0.100	3.8	2.5	0.2	3.8	10.3
MW-111 (08/26/93) PZ8567	1.7	0.010	0.000	0.020	0.000	0.020	0.020	0.1	0.0	0.0	0.0	0.1
MW-111 (10/08/93) PZ9371	1.0	0.040	0.030	0.020	0.000	0.010	0.030	0.0	0.2	0.4	0.1	0.7
MW-111 (11/22/93) PZ9791	8.9	0.140	0.090	0.050	0.010	0.090	0.020	0.1	0.0	0.7	0.0	0.8
MW-111 (12/11/93) AP1038	0.7	0.010	0.000	0.020	0.000	0.000	0.010	0.0	0.2	0.1	0.2	0.4

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-112 (01/09/93) PZ3853	1,782.3	5.410	0.000	0.810	0.080	12.550	70.030	179.3	49.3	28.0	31.5	288.1
MW-112 (03/18/93) PZ4915	7,710.0	13.000	0.360	2.000	0.320	34.580	228.000	700.5	225.2	537.2	694.9	2,157.7
MW-112 (04/16/93) PZ5490	1,947.3	3.140	0.210	0.500	0.320	6.170	26.770	2,780.1	2,349.2	3,424.6	3,039.2	11,593.1
MW-112 (05/26/93) PZ7186	104.3	2.880	0.000	0.380	0.060	8.590	27.170	565.0	383.1	167.4	359.4	1,474.8
MW-112 (06/24/93) PZ7607	331.4	0.400	0.260	0.120	0.060	2.910	27.180	450.8	485.9	259.8	1,031.6	2,228.1
MW-112 (08/04/93) PZ8110	1,757.6	1.960	0.310	0.780	0.020	16.610	64.970	297.0	135.8	10.7	53.7	497.0
MW-112 (08/26/93) PZ8570	273.5	0.220	0.040	0.190	0.020	3.520	15.080	160.6	125.2	131.2	621.7	1,038.7
MW-112 (10/08/93) PZ9374	511.2	6.170	1.140	0.510	0.270	5.980	28.590	710.3	336.7	59.1	334.1	1,440.2
MW-112 (11/22/93) APZ011	197.2	0.600	0.780	0.060	0.070	0.960	5.800	309.6	225.5	416.1	694.1	1,645.3
MW-112 (12/11/93) AP1041	130.1	0.920	0.490	0.060	0.070	0.550	3.530	406.1	299.1	29.9	1,687.6	2,422.7
MW-113 (01/09/93) PZ3856	3,491.9	3.100	0.000	0.930	0.030	12.490	33.410	314.1	271.5	20.9	28.9	635.4
MW-113 (03/18/93) PZ4917	3,537.0	3.000	0.790	4.000	0.400	114.380	468.000	1,977.0	1,138.7	1,079.1	776.3	4,971.1
MW-113 (04/16/93) PZ5492	1,734.3	1.610	0.790	1.900	0.080	64.760	272.930	1,696.8	1,652.5	1,625.9	2,012.2	6,987.4
MW-113 (05/26/93) PZ7187	1,199.7	1.500	0.780	1.310	0.120	23.460	67.140	1,597.3	1,287.9	1,147.0	443.8	4,475.9
MW-113 (08/04/93) PZ8112	751.1	1.630	0.910	1.040	0.070	23.670	98.150	1,300.7	1,418.6	1,764.9	1,050.3	5,534.5
MW-113 (08/26/93) PZ8574	204.8	1.230	0.090	0.350	0.020	4.950	29.700	372.7	182.0	54.6	242.2	851.5
MW-113 (10/08/93) PZ9378	276.3	0.490	0.160	0.420	0.070	14.130	70.350	331.2	55.6	0.1	57.8	444.7
MW-113 (11/22/93) PZ9794	478.7	0.440	0.080	0.160	0.030	5.450	22.200	209.5	107.4	8.1	111.6	436.6
MW-113 (12/11/93) AP1045	50.2	0.300	0.150	0.060	0.030	0.780	3.040	89.9	206.2	146.7	1,179.9	1,622.7
MW-114 (01/09/93) PZ3859	13,079.3	40.350	1.980	9.700	0.940	52.430	284.700	421.9	874.1	1,039.5	1,162.3	3,497.8
MW-114 (03/18/93) PZ4774	4,897.0	23.000	0.750	5.000	0.440	34.580	196.000	240.5	392.3	63.5	518.3	1,214.5
MW-114 (04/16/93) PZ5494	5,955.3	33.120	3.010	9.680	0.970	65.980	257.530	2,469.6	1,853.5	1,047.7	1,423.7	6,794.5
MW-114 (05/26/93) PZ7188	2,071.0	24.960	4.940	5.890	0.720	47.430	214.620	3,200.4	42.4	1,161.3	411.1	4,815.2
MW-114 (06/24/93) PZ7611	3,560.4	33.370	4.390	6.930	0.760	35.510	251.030	6,700.4	400.5	4,834.8	1,177.0	13,112.7

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-115 (01/09/93) PZ3862	1.5	0.040	0.010	0.080	0.010	0.060	0.050	1.3	0.0	0.2	0.8	2.3
MW-115 (03/18/93) PZ4777	1.0	0.000	0.000	0.000	0.020	0.080	0.000	0.0	0.0	0.5	0.0	0.5
MW-115 (04/14/93) PZ5496	3.0	0.040	0.020	0.010	0.000	0.030	0.070	2.5	3.1	0.0	0.4	5.9
MW-115 (05/26/93) PZ7190	3.3	0.030	0.000	0.010	0.010	0.030	0.060	0.3	0.2	0.4	0.1	1.0
MW-115 (06/25/93) PZ7613	3.6	0.050	0.010	0.010	0.010	0.060	0.020	0.4	0.2	0.3	0.0	0.9
MW-115 (08/04/93) PZ8114	8.9	0.100	0.080	0.020	0.020	0.010	0.000	4.6	2.9	0.1	4.0	11.6
MW-115 (08/26/93) PZ8578	1.1	0.020	0.000	0.010	0.020	0.010	0.010	0.2	0.0	0.0	0.0	0.1
MW-115 (10/08/93) PZ9386	0.5	0.020	0.010	0.010	0.000	0.040	0.030	0.0	0.0	0.1	0.0	0.1
MW-115 (11/22/93) PZ9797	3.8	0.110	0.050	0.040	0.010	0.090	0.020	0.1	0.0	0.4	0.0	0.5
MW-115 (12/11/93) AP1049	0.6	0.020	0.010	0.020	0.010	0.000	0.010	0.1	0.4	0.3	0.0	0.8
MW-116 (01/11/93) PZ3966	5,724.5	18.410	6.230	39.340	9.020	378.580	2,308.800	15,661.3	12,759.9	5,604.4	1,502.6	35,528.2
MW-116 (03/18/93) PZ4920	4,549.0	13.000	1.850	14.000	2.760	125.490	866.000	1,700.6	2,032.3	1,743.5	1,732.0	7,208.4
MW-116 (04/16/93) PZ5499	3,207.9	10.940	1.960	13.900	2.640	130.440	566.650	2,219.8	2,925.0	3,148.2	1,975.2	10,268.2
MW-116 (05/26/93) PZ7192	2,721.3	11.210	2.800	16.830	3.280	199.380	922.650	3,950.1	3,624.9	1,513.2	525.7	9,613.9
MW-116 (06/25/93) PZ7616	2,066.0	9.210	1.660	13.820	2.730	127.730	560.830	1,180.8	2,333.2	1,985.9	449.6	5,949.5
MW-116 (08/04/93) PZ8117	4,935.5	12.160	2.350	10.680	2.590	87.990	463.180	8,575.4	8,053.1	3,091.4	925.1	20,645.0
MW-116 (08/26/93) PZ8581	3,696.2	12.400	1.920	16.060	2.500	198.920	930.430	4,836.0	6,202.4	2,779.2	1,778.2	15,595.8
MW-116 (10/11/93) PZ9389	4,770.9	14.450	0.720	22.210	3.000	247.450	961.730	6,799.2	78.3	1,270.0	201.9	8,349.4
MW-116 (11/22/93) APZ095	6,042.0	18.960	2.070	20.510	2.720	254.950	1,130.680	1,996.0	3,098.4	1,264.0	381.4	6,739.8
MW-116 (12/11/93) AP1052	1,816.1	6.740	1.020	9.320	1.290	120.810	542.390	2,089.2	2,424.0	1,153.2	506.7	6,173.0
MW-117 (01/11/93) PZ3968	101.9	4.790	0.000	0.020	0.010	0.800	8.400	2,103.1	1,635.8	1,164.2	290.7	5,193.8
MW-117 (03/18/93) PZ4922	22,676.0	23.000	0.910	5.000	1.560	108.680	569.000	1,774.7	3,325.6	1,897.9	1,464.6	8,462.8
MW-117 (04/16/93) PZ5501	9,630.5	15.330	0.670	2.410	0.700	40.220	442.650	425.7	956.4	942.9	1,040.8	3,365.8
MW-117 (05/26/93) PZ7193	2,078.2	3.710	0.390	0.460	0.300	9.890	99.850	88.5	781.5	436.3	337.0	1,643.3
MW-117 (08/04/93) PZ8119	7,719.0	12.780	1.160	2.540	0.590	52.150	309.950	3,375.4	3,486.1	1,235.0	593.9	8,690.4
MW-117 (08/26/93) PZ8585	4,954.5	19.070	2.150	3.030	1.920	80.810	464.390	6,368.6	6,481.2	2,873.0	1,541.7	17,264.5
MW-117 (10/11/93) PZ9393	18,502.6	21.150	2.310	6.480	1.240	210.300	1,110.580	12,765.9	9,336.1	5,197.6	1,006.0	28,305.6
MW-117 (11/22/93) APZ098	11,775.1	13.680	0.350	1.670	0.160	36.140	301.910	16,366.4	9,124.0	6,873.2	3,259.8	35,623.4
MW-117 (12/11/93) AP1056	2,013.3	8.820	0.250	1.300	0.080	17.710	87.440	5,781.3	10,740.4	4,138.6	964.4	21,624.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-118 (01/11/93) PZ3970	4,538.0	16.950	6.290	12.880	4.130	266.550	1,991.300	25,039.6	17,447.0	3,606.4	1,297.8	47,390.8
MW-118 (03/18/93) PZ4924	6,444.0	20.000	7.220	20.000	16.930	301.760	2,259.000	3,620.1	2,897.7	2,002.8	1,992.8	10,513.4
MW-118 (04/16/93) PZ5503	3,627.0	20.070	7.910	5.410	2.110	69.880	379.420	4,425.2	6,308.0	4,169.8	2,576.3	17,479.3
MW-118 (05/26/93) PZ7194	342.0	3.350	0.810	0.810	0.380	11.710	74.860	2,132.9	2,974.1	2,597.9	1,051.8	8,756.7
MW-118 (06/24/93) PZ7620	269.3	2.520	0.540	1.650	0.270	62.980	75.210	2,608.1	2,682.9	2,806.9	821.4	8,919.2
MW-118 (08/04/93) PZ8120	4,114.1	34.120	2.600	62.150	8.990	115.120	745.730	191.5	963.2	536.0	475.1	2,165.8
MW-118 (08/26/93) PZ8589	3,712.1	0.090	0.010	3.630	1.070	52.460	295.110	1,857.1	847.8	263.0	801.7	3,769.6
MW-118 (10/11/93) PZ9396	4,052.8	7.140	0.840	1.720	0.380	46.290	226.040	1,043.3	405.2	99.5	97.4	1,645.4
MW-118 (12/11/93) AP1060	10,724.1	16.470	1.510	2.860	0.860	63.610	325.040	1,538.9	713.2	707.5	497.6	3,457.2
MW-119 (01/11/93) PZ3972	3,719.8	11.900	2.600	2.010	0.570	34.700	428.570	10,123.7	7,363.2	2,710.9	2,313.1	22,510.9
MW-119 (03/18/93) PZ4926	3,453.0	5.000	0.570	1.000	0.350	12.300	149.000	372.3	626.0	266.6	342.3	1,607.1
MW-119 (04/16/93) PZ5505	2,130.2	2.820	0.310	0.520	0.580	10.840	89.170	2,232.9	1,838.5	1,327.0	1,186.9	6,585.3
MW-119 (05/26/93) PZ7195	359.9	1.670	0.570	0.210	0.110	5.590	47.570	1,530.8	2,865.9	883.2	476.6	5,756.5
MW-119 (06/24/93) PZ7622	1,724.9	4.510	0.820	0.580	0.130	15.010	125.170	2,424.9	2,894.4	1,352.7	1,080.2	7,752.2
MW-119 (08/04/93) PZ8123	3,224.2	3.790	0.850	0.790	0.320	14.820	228.940	1,168.3	1,427.4	802.8	581.3	3,979.7
MW-119 (08/26/93) PZ8593	3,776.3	6.790	1.110	0.830	0.200	28.670	233.110	6,917.4	6,371.8	2,903.1	1,995.5	18,187.8
MW-119 (10/11/93) PZ9400	4,545.6	12.300	1.400	0.700	0.250	22.210	173.760	1,188.3	330.4	214.1	163.1	1,895.9
MW-119 (11/22/93) APZ005	2,043.5	6.070	0.510	0.400	0.070	13.600	120.370	1,172.1	482.8	73.0	269.7	1,997.4
MW-119 (12/11/93) AP1064	679.2	1.090	0.150	0.120	0.070	2.510	23.890	39.6	21.2	4.0	16.4	81.2
MW-120 (01/09/93) PZ3865	1,132.3	26.050	1.250	54.340	5.530	117.960	491.050	371.5	945.9	96.8	80.8	1,495.0
MW-120 (03/18/93) PZ4928	1,168.0	31.000	1.800	7.000	0.940	15.980	22.000	865.5	1,795.5	284.1	399.5	3,344.5
MW-120 (04/14/93) PZ5507	1,611.0	27.260	1.200	35.340	3.990	60.970	348.070	33.6	873.7	431.2	1,065.7	2,404.1
MW-120 (05/26/93) PZ7196	218.3	8.050	0.760	10.730	1.920	21.340	81.270	169.6	1,481.6	323.3	93.8	2,068.3
MW-120 (06/24/93) PZ7624	1,008.3	34.440	1.440	41.750	4.360	93.970	363.110	2,659.3	70.9	483.7	1,249.8	4,463.6
MW-120 (08/03/93) PZ8125	1,124.5	41.730	1.470	60.520	6.040	117.430	429.640	497.9	1,494.6	217.7	366.2	2,576.4
MW-120 (08/25/93) PZ8597	2,297.8	38.510	0.740	41.780	3.040	99.620	607.210	209.7	546.0	134.7	393.3	1,283.7
MW-120 (10/07/93) PZ9404	3,848.5	35.020	1.320	62.920	5.440	150.220	823.040	325.5	1,489.4	444.0	443.2	2,702.0
MW-120 (11/22/93) PZ9932	3,331.8	29.970	1.130	51.660	4.390	157.460	631.370	1,232.4	2,424.4	525.8	346.8	4,529.4
MW-120 (12/11/93) AP1068	2,647.8	14.520	0.780	27.900	2.820	85.080	588.530	1,550.0	2,628.5	653.0	696.8	5,528.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-121 (01/11/93) PZ3974	5,127.7	40.540	0.080	64.930	17.560	147.670	956.690	2,756.6	2,444.9	1,241.9	1,137.8	7,581.2
MW-121 (03/18/93) PZ4931	2,783.0	40.000	1.630	46.000	5.660	108.200	541.000	127.3	635.4	288.8	389.2	1,440.6
MW-121 (04/14/93) PZ5509	3,675.9	44.520	2.140	54.780	6.040	131.870	516.330	2,576.4	2,463.5	830.2	884.1	6,754.2
MW-121 (05/26/93) PZ7197	643.2	7.660	0.790	9.470	2.020	29.460	142.620	881.9	2,149.7	776.7	478.3	4,286.6
MW-121 (06/24/93) PZ7626	3,111.6	26.330	1.000	31.230	3.740	64.520	458.470	1,640.1	1,227.5	897.9	1,475.6	5,241.1
MW-121 (08/03/93) PZ8127	7,950.9	68.600	1.450	59.010	6.390	104.130	600.660	113.8	888.4	319.2	374.2	1,695.6
MW-121 (08/25/93) PZ8601	6,213.6	35.520	0.390	39.900	3.560	75.660	452.350	31.3	567.7	153.7	544.4	1,297.0
MW-121 (10/07/93) PZ9408	8,146.6	39.740	0.450	49.220	3.510	116.190	442.000	3,274.9	68.7	682.7	493.3	4,519.6
MW-121 (11/22/93) PZ9935	13,591.8	60.030	0.790	46.140	0.360	114.880	711.550	1,502.1	2,879.5	625.0	455.3	5,461.9
MW-121 (12/11/93) AP1072	4,960.5	22.690	0.490	17.290	1.350	45.430	297.410	592.9	1,179.3	216.5	1,123.7	3,112.4
MW-122 (01/09/93) PZ3868	1,569.7	27.660	0.000	42.880	9.530	80.210	382.910	172.6	851.8	566.9	634.1	2,225.4
MW-122 (03/18/93) PZ4933	2,580.0	31.000	2.180	72.000	9.880	213.220	881.000	11,638.8	7,080.7	2,566.7	1,011.3	22,297.5
MW-122 (04/14/93) PZ5511	648.8	13.810	1.110	17.740	2.230	43.330	258.700	178.0	955.6	585.1	935.4	2,654.1
MW-122 (05/26/93) PZ7198	403.2	4.740	0.660	11.120	1.830	32.110	153.760	499.7	1,127.1	577.7	477.6	2,682.1
MW-122 (06/24/93) PZ7628	2,084.3	18.980	1.780	38.140	5.670	93.300	401.440	1,247.6	2,581.6	1,839.9	517.8	6,186.8
MW-122 (08/25/93) PZ8605	2,237.9	37.620	2.950	52.640	8.020	102.870	692.100	278.3	925.5	649.3	870.8	2,723.9
MW-122 (10/07/93) PZ9412	3,392.9	32.540	0.950	45.650	3.920	108.020	582.720	523.2	70.5	18.6	106.0	718.3
MW-122 (11/22/93) PZ9938	2,627.9	26.680	0.810	41.750	3.190	120.110	486.970	971.8	540.4	174.1	68.6	1,754.9
MW-122 (12/11/93) AP1076	2,877.9	14.800	0.520	27.150	2.380	80.980	319.530	733.6	873.2	197.7	335.0	2,139.5
MW-123 (01/11/93) PZ3976	10,358.9	204.860	24.240	81.710	25.200	259.690	2,312.100	24,017.1	13,191.4	4,220.6	1,558.5	42,987.6
MW-123 (03/18/93) PZ4936	6,505.0	137.000	31.480	27.000	19.380	93.090	402.000	2,335.9	4,054.2	2,240.0	1,707.3	10,337.4
MW-123 (04/14/93) PZ5513	3,071.9	102.750	13.090	11.480	8.910	35.880	266.700	627.3	561.4	66.4	172.7	1,427.8
MW-123 (05/26/93) PZ7199	258.4	6.790	1.540	1.390	1.030	6.860	39.900	268.5	292.5	157.4	59.1	777.4
MW-123 (06/24/93) PZ7630	1,357.6	27.760	1.990	3.490	1.780	10.870	98.890	1,178.3	109.7	979.5	550.2	2,817.7
MW-123 (08/03/93) PZ8131	1,263.5	74.390	5.640	8.950	6.080	34.480	191.890	774.7	466.9	56.7	153.0	1,451.2
MW-123 (08/25/93) PZ8609	1,318.3	27.560	0.710	4.260	1.670	20.070	93.860	232.6	206.4	10.3	52.1	501.4
MW-123 (10/07/93) PZ9416	3,171.2	66.590	8.360	10.980	8.560	41.640	222.230	647.8	672.9	185.2	60.8	1,566.7
MW-123 (11/22/93) PZ9950	3,300.0	78.660	1.880	9.750	3.830	49.330	239.470	547.9	555.3	36.1	98.0	1,237.3
MW-123 (12/11/93) AP1080	2,868.4	39.310	3.170	9.490	4.350	34.110	371.150	761.5	810.0	121.2	405.1	2,097.8

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-124 (01/11/93) PZ3978	10,978.7	19.130	4.980	44.860	17.210	190.180	937.300	834.3	1,311.8	900.9	1,124.0	4,170.9
MW-124 (03/18/93) PZ4938	839.0	1.000	0.120	1.000	0.470	10.320	58.000	37.3	87.5	79.2	198.3	402.2
MW-124 (04/14/93) PZ5515	452.4	1.840	0.280	0.830	0.210	5.010	30.440	9.8	110.4	110.2	354.2	584.6
MW-124 (05/26/93) PZ7200	654.9	1.550	0.560	1.960	0.620	11.050	54.240	1,523.2	71.1	307.3	197.6	2,099.1
MW-124 (06/24/93) PZ7632	2,808.8	3.420	0.680	5.030	0.880	34.360	120.360	364.9	539.0	507.3	166.6	1,577.8
MW-124 (08/03/93) PZ8133	585.3	0.840	0.080	0.410	0.050	4.540	23.880	192.7	162.4	40.2	131.9	527.2
MW-124 (08/25/93) PZ8613	980.1	0.720	0.060	0.400	0.070	2.720	21.160	56.3	99.4	52.2	493.4	701.3
MW-124 (10/07/93) PZ9419	1,333.3	1.800	0.240	1.340	0.220	12.530	59.080	296.1	13.2	21.3	32.3	362.9
MW-124 (11/22/93) PZ9941	2,556.9	4.040	0.350	4.030	0.370	35.090	175.200	316.3	484.8	125.3	176.5	1,102.8
MW-124 (12/11/93) AP1084	1,251.4	3.000	0.220	3.570	0.260	29.500	143.200	423.5	165.3	1.7	354.4	944.9
MW-125 (01/11/93) PZ3980	782.0	3.950	0.330	1.160	0.090	0.250	0.450	29.3	64.5	2.9	63.6	160.3
MW-125 (03/18/93) PZ4940	1,549.0	3.000	0.400	1.000	0.090	0.200	1.000	980.9	1,525.8	290.0	1,161.5	3,958.2
MW-125 (04/14/93) PZ5517	1,074.7	5.860	0.640	0.670	0.110	0.120	0.770	107.0	258.2	93.8	254.1	713.1
MW-125 (05/26/93) PZ7201	1,747.3	1.690	0.660	0.140	0.110	0.080	1.490	250.1	258.7	39.2	60.3	608.3
MW-125 (06/24/93) PZ7634	2,322.0	3.560	1.810	0.260	0.110	0.300	3.960	1,748.9	3,136.8	1,751.5	1,645.9	8,283.1
MW-125 (08/03/93) PZ8135	3,786.6	5.750	1.220	0.410	0.080	0.090	1.950	157.7	285.1	86.4	25.9	555.1
MW-125 (08/25/93) PZ8617	3,326.6	19.490	1.800	1.400	0.090	0.090	1.120	412.5	1,076.7	429.6	449.6	2,368.4
MW-125 (10/07/93) PZ9423	3,015.4	8.640	0.370	0.410	0.060	0.280	2.170	854.1	57.1	1.6	56.4	969.2
MW-125 (11/22/93) PZ9962	2,926.0	10.070	1.260	0.500	0.150	0.250	3.460	209.5	89.6	2.2	15.0	316.3
MW-125 (12/11/93) AP1088	1,601.8	3.300	0.620	0.250	0.080	0.140	3.810	550.9	417.6	13.9	62.1	1,044.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-126 (01/11/93) PZ3982	6,685.7	5.080	0.000	0.110	0.070	0.800	14.470	209.5	276.3	8.3	48.3	542.4
MW-126 (03/18/93) PZ4942	10,360.0	8.000	1.460	0.000	0.130	1.570	34.000	7,294.6	9,103.4	3,177.6	1,919.1	21,494.7
MW-126 (04/14/93) PZ5519	3,116.6	20.360	1.010	0.330	0.170	0.340	6.680	402.4	1,438.1	994.8	1,170.1	4,005.4
MW-126 (05/26/93) PZ7202	1,986.4	3.060	0.890	0.080	0.090	1.040	11.570	673.1	933.7	186.0	60.8	1,853.5
MW-126 (06/24/93) PZ7636	3,489.3	10.730	0.850	0.190	0.130	1.040	10.310	1,967.7	3,639.1	2,084.2	625.6	8,316.5
MW-126 (08/03/93) PZ8137	5,431.1	7.640	1.660	0.240	0.100	1.190	10.950	361.5	578.0	38.8	78.8	1,057.1
MW-126 (08/25/93) PZ8621	6,659.1	4.520	0.640	0.130	0.050	0.600	14.500	243.8	354.7	6.8	92.6	697.9
MW-126 (10/07/93) PZ9427	10,455.7	9.730	1.300	0.270	0.240	1.520	16.270	1,123.9	1,303.6	136.3	177.4	2,741.2
MW-126 (11/22/93) APZ041	13,240.0	7.680	5.160	0.180	0.080	0.970	23.840	579.2	201.8	19.3	27.3	827.6
MW-126 (12/11/93) AP1092	4,041.2	9.390	3.050	0.270	0.130	1.160	15.270	8,245.3	8,907.0	4,266.4	2,182.6	23,601.2
MW-127 (01/11/93) PZ3984	1,269.9	1.230	0.090	0.060	0.060	0.030	1.020	3,258.2	7,398.5	2,945.5	3,590.8	17,193.0
MW-127 (03/18/93) PZ4944	14,656.0	12.000	0.740	1.000	0.320	0.390	8.000	927.4	1,459.5	420.4	902.8	3,710.1
MW-127 (04/14/93) PZ5521	4,949.6	4.010	0.230	0.070	0.170	0.110	3.730	600.5	777.5	296.9	629.3	2,304.1
MW-127 (05/26/93) PZ7203	1,482.5	1.440	0.200	0.070	0.060	0.210	2.000	1,195.1	36.9	38.8	194.4	1,465.2
MW-127 (06/24/93) PZ7638	5,633.2	3.980	0.410	0.150	0.060	0.480	6.850	623.1	1,093.3	33.1	519.5	2,269.0
MW-127 (08/03/93) PZ8139	7,216.6	4.300	0.270	0.290	0.100	0.400	8.830	384.7	845.7	11.5	236.1	1,477.9
MW-127 (08/25/93) PZ8625	7,427.6	4.220	0.390	0.110	0.070	0.160	9.520	580.1	962.1	1.7	333.0	1,876.9
MW-127 (10/07/93) PZ9432	598.1	1.010	0.230	0.060	0.070	0.130	1.050	180.0	759.9	153.2	2.3	1,095.2
MW-127 (11/22/93) PZ9929	7,445.4	5.040	0.420	0.060	0.070	0.080	2.940	226.9	563.4	115.2	44.8	950.3
MW-127 (12/11/93) AP1096	1,684.0	2.210	0.330	0.070	0.060	0.030	1.720	808.2	84.9	0.0	509.5	1,402.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-128 (01/11/93) PZ3986	666.8	0.800	0.000	0.390	0.050	0.970	15.270	40.4	47.6	54.9	411.8	554.6
MW-128 (03/18/93) PZ4946	424.0	3.000	0.220	0.000	0.060	1.580	30.000	194.0	408.5	324.4	302.3	1,229.2
MW-128 (04/14/93) PZ5523	240.5	0.520	0.050	0.120	0.030	0.330	6.840	181.9	245.8	243.3	418.9	1,089.9
MW-128 (05/26/93) PZ7204	114.9	0.340	0.070	0.100	0.030	0.330	3.840	394.6	29.2	24.4	69.2	517.4
MW-128 (06/24/93) PZ7640	707.2	1.550	0.160	0.310	0.030	1.550	16.150	322.7	251.3	274.2	211.9	1,060.1
MW-128 (08/03/93) PZ8141	729.3	0.590	0.060	0.100	0.030	0.590	8.040	120.7	125.1	14.5	25.4	285.7
MW-128 (08/25/93) PZ8629	830.3	1.640	0.140	0.180	0.030	0.660	9.140	196.4	207.5	12.7	203.7	620.3
MW-128 (10/07/93) PZ9436	5,142.8	6.550	1.370	1.060	0.300	4.580	48.090	1,016.4	742.9	274.5	32.7	2,066.5
MW-128 (11/22/93) PZ9803	5,993.8	18.180	3.420	1.030	0.300	1.580	21.130	865.8	2,064.3	1,754.5	531.5	5,216.1
MW-128 (12/11/93) AP1100	1,000.1	1.370	0.190	0.130	0.040	0.980	14.750	665.5	661.6	222.0	281.9	1,831.0
MW-129 (01/09/93) PZ3871	4,027.6	0.590	0.060	0.120	0.030	0.040	0.090	0.0	0.8	0.0	0.0	0.8
MW-129 (03/18/93) PZ4780	60.0	1.000	0.030	0.000	0.010	0.030	0.000	0.0	2.7	0.0	2.1	4.7
MW-129 (04/14/93) PZ5525	1,662.2	0.500	0.020	0.070	0.010	0.030	0.060	1.9	4.1	1.5	0.6	8.1
MW-129 (05/26/93) PZ7206	1,966.2	0.470	0.050	0.050	0.010	0.040	0.060	0.0	0.6	0.3	1.3	2.2
MW-129 (06/24/93) PZ7642	5.7	0.020	0.010	0.010	0.000	0.010	0.050	1.7	2.1	1.9	1.2	6.9
MW-129 (08/03/93) PZ8143	1,709.0	0.210	0.020	0.050	0.020	0.040	0.080	2.7	1.6	0.1	4.0	8.4
MW-129 (08/25/93) PZ8633	4,506.7	0.460	0.000	0.050	0.000	0.030	0.040	0.0	0.7	0.0	0.0	0.7
MW-129 (11/22/93) PZ9806	2,243.6	1.250	0.050	0.090	0.010	0.090	0.100	0.3	0.7	0.0	0.0	1.0
MW-129 (12/11/93) AP1104	1,466.0	0.460	0.020	0.040	0.000	0.030	0.050	0.1	0.4	0.3	0.0	0.7
MW-130 (01/09/93) PZ3874	13.2	0.100	0.010	0.030	0.020	0.020	0.030	0.0	0.0	0.0	0.0	0.0
MW-130 (01/20/93) PZ4162	2.7	0.050	0.010	0.030	0.010	0.020	0.040	0.0	0.1	0.0	0.0	0.1
MW-130 (03/18/93) PZ4783	22.0	0.000	0.000	0.000	0.020	0.000	0.000	0.2	0.6	0.5	2.0	3.3
MW-130 (04/14/93) PZ5528	220.7	0.910	0.050	0.050	0.050	0.020	0.070	5.2	3.5	5.8	26.7	41.2
MW-130 (05/26/93) PZ7209	3.8	0.060	0.040	0.020	0.010	0.040	0.120	0.4	0.7	0.4	0.1	1.5
MW-130 (06/24/93) PZ7645	0.9	0.010	0.010	0.010	0.010	0.020	0.050	0.5	0.5	0.6	0.6	2.2
MW-130 (08/03/93) PZ8146	3.4	0.060	0.040	0.010	0.010	0.010	0.010	3.3	2.3	0.1	3.6	9.3
MW-130 (08/25/93) PZ8636	0.5	0.010	0.010	0.010	0.010	0.010	0.000	0.1	0.1	0.1	1.2	1.5
MW-130 (11/22/93) PZ9809	100.3	1.000	0.980	0.030	0.000	0.050	0.040	0.2	0.0	0.4	0.0	0.5
MW-130 (12/11/93) AP1108	3.4	0.030	0.000	0.010	0.010	0.000	0.010	0.1	0.0	0.2	0.0	0.3

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-131 (01/11/93) PZ3988	5,308.6	13.760	7.020	18.330	6.400	104.820	499.440	811.3	0.0	413.2	242.0	1,466.5
MW-131 (03/18/93) PZ4948	7,231.0	17.000	4.240	14.000	5.240	81.970	251.000	10,657.8	8,701.0	4,474.4	3,398.5	27,231.7
MW-131 (04/14/93) PZ5530	9,493.1	36.530	9.590	30.120	9.120	204.470	866.020	1,870.5	2,027.0	1,466.4	1,094.0	6,457.9
MW-131 (05/26/93) PZ7211	1,439.9	9.950	4.780	5.710	3.590	31.840	133.750	310.2	1,191.8	540.3	277.8	2,320.1
MW-131 (06/24/93) PZ7648	3,818.9	20.470	13.920	13.850	5.380	92.840	406.190	2,349.6	57.9	501.1	770.2	3,678.7
MW-131 (08/03/93) PZ8149	8,128.9	19.780	3.800	12.240	5.410	98.620	423.130	477.6	1,008.9	480.3	266.6	2,233.4
MW-131 (08/25/93) PZ8639	12,023.0	20.180	3.130	13.120	3.630	97.140	681.610	521.4	656.6	364.4	452.6	1,994.9
MW-131 (10/07/93) PZ9445	3,050.1	5.710	0.870	3.490	1.350	24.560	149.430	75.9	85.5	6.4	38.9	206.7
MW-131 (11/22/93) PZ9944	12,265.2	20.560	1.990	12.650	3.580	134.820	620.880	962.6	1,416.6	354.2	260.2	2,993.6
MW-131 (12/11/93) AP1112	5,475.9	14.750	1.420	8.360	2.200	65.220	404.780	200.5	214.6	34.9	98.1	548.0
MW-132 (01/11/93) PZ3990	3,377.7	57.760	2.400	15.480	4.010	62.240	243.600	280.6	720.0	653.5	636.2	2,290.3
MW-132 (03/18/93) PZ4950	2,042.0	20.000	0.690	5.000	0.870	25.580	55.000	147.8	200.2	418.5	521.7	1,288.2
MW-132 (04/14/93) PZ5532	1,860.7	61.560	3.020	9.030	2.230	21.970	93.130	913.9	1,857.4	1,311.2	1,578.2	5,660.6
MW-132 (05/26/93) PZ7212	72.8	3.450	0.780	0.910	0.480	4.720	24.370	595.1	33.2	307.4	99.6	1,035.3
MW-132 (06/24/93) PZ7650	1,852.8	44.170	11.790	20.160	7.510	56.080	473.850	161.4	376.1	166.7	536.7	1,240.9
MW-132 (08/03/93) PZ8151	2,611.7	54.470	1.320	10.590	2.060	37.630	166.680	146.0	246.3	54.9	180.1	627.3
MW-132 (08/25/93) PZ8643	2,682.5	43.680	1.350	13.070	2.140	53.570	215.410	403.9	455.0	60.3	369.5	1,288.6
MW-132 (10/07/93) PZ9449	2,034.3	61.940	10.350	21.300	5.550	90.170	440.500	72.6	81.8	5.8	19.6	179.8
MW-132 (11/22/93) PZ9947	2,060.0	63.990	3.570	22.450	7.470	69.510	397.180	598.1	1,079.0	291.9	92.5	2,061.4
MW-132 (12/11/93) AP1116	2,043.7	28.270	1.010	10.660	2.770	40.150	231.140	456.7	515.7	27.9	150.6	1,150.9

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-133 (01/11/93) PZ3992	5,185.0	11.390	1.930	1.310	0.530	15.120	72.170	107.6	244.1	7.8	16.1	375.6
MW-133 (03/18/93) PZ4952	2,087.0	6.000	0.620	1.000	0.130	9.120	23.000	38.2	36.5	7.0	10.6	92.2
MW-133 (04/14/93) PZ5534	3,630.5	14.940	4.520	1.890	0.300	23.870	140.710	1,815.2	1,300.3	357.5	376.9	3,849.9
MW-133 (05/26/93) PZ7213	333.6	2.300	3.100	0.260	0.140	2.640	15.750	207.3	261.3	13.1	110.1	591.8
MW-133 (06/24/93) PZ7652	2,541.9	11.590	1.460	1.400	0.330	16.430	82.750	1,630.2	92.7	119.5	392.0	2,234.4
MW-133 (08/03/93) PZ8153	4,353.0	11.020	1.240	1.730	0.280	16.420	72.870	581.6	375.7	45.4	116.1	1,118.8
MW-133 (08/25/93) PZ8647	2,662.3	9.660	0.460	1.690	0.260	21.530	94.300	556.2	385.9	30.5	123.1	1,095.6
MW-133 (10/07/93) PZ9453	6,875.2	22.830	1.760	4.190	0.780	36.600	170.470	1,358.1	1,075.6	322.7	120.6	2,876.9
MW-133 (11/22/93) PZ9953	6,378.5	26.650	2.170	2.860	0.510	15.450	100.650	300.7	282.4	76.7	186.7	846.5
MW-133 (12/11/93) AP1120	4,772.3	11.490	1.200	2.100	0.360	18.510	90.970	1,384.3	762.0	170.4	266.3	2,583.0
MW-134 (01/09/93) PZ3877	16,617.3	9.980	0.080	1.170	0.210	1.830	1.610	3.4	0.0	0.0	0.0	3.4
MW-134 (03/18/93) PZ4786	6,799.0	2.000	0.060	0.000	0.010	0.140	0.000	5.1	4.7	2.5	1.3	13.6
MW-134 (04/14/93) PZ5535	7,804.4	4.830	0.140	0.540	0.080	0.990	1.880	39.4	30.8	0.5	0.0	70.7
MW-134 (05/26/93) PZ7215	8,780.3	6.420	0.200	0.430	0.090	0.920	1.770	33.2	29.1	1.0	0.0	63.2
MW-134 (06/24/93) PZ7654	2,218.7	4.670	0.310	0.280	0.050	0.530	0.970	42.7	13.1	3.4	1.6	60.8
MW-134 (08/03/93) PZ8155	5,165.2	0.160	28.540	0.230	0.060	0.840	1.550	63.8	49.2	5.1	5.2	123.3
MW-134 (08/25/93) PZ8651	7,311.0	4.470	0.120	0.220	0.040	0.600	1.420	26.6	19.3	0.3	0.0	46.2
MW-134 (10/07/93) PZ9457	2,058.2	1.270	0.000	0.150	0.010	0.350	0.490	12.7	1.0	3.3	0.3	17.3
MW-134 (11/22/93) PZ9812	10,819.2	8.530	0.160	0.380	0.080	0.830	1.760	8.0	3.0	0.9	0.0	11.9
MW-134 (12/11/93) AP1124	1,226.3	0.900	0.020	0.150	0.020	0.140	0.200	6.2	5.8	2.4	0.2	14.6
MW-135 (01/11/93) PZ3994	6,286.0	18.870	0.500	17.870	0.410	107.230	551.220	1,080.3	2,154.6	2,042.7	2,338.5	7,616.1
MW-135 (03/18/93) PZ4954	2,547.0	8.000	3.160	5.000	0.290	35.850	108.000	790.8	661.0	546.6	1,495.3	3,493.7
MW-135 (05/26/93) PZ7218	1,220.9	1.940	0.070	1.050	0.040	6.180	30.490	19.6	40.3	17.9	53.1	130.9
MW-135 (06/24/93) PZ7657	1,865.2	5.910	1.100	6.270	0.250	55.810	240.780	7,700.3	621.8	2,212.8	1,810.6	12,345.4
MW-135 (08/03/93) PZ8158	3,078.2	4.220	0.060	1.800	0.030	14.310	51.380	170.6	129.2	24.0	55.7	379.4
MW-135 (08/25/93) PZ8654	3,341.8	5.560	0.240	3.420	0.000	27.800	150.250	199.4	255.8	58.6	138.8	652.6
MW-135 (11/22/93) PZ9971	509.8	1.540	0.730	1.150	0.160	11.990	87.270	1,350.2	1,854.0	339.1	193.1	3,736.3
MW-135 (12/11/93) AP1128	2,030.0	4.900	0.250	2.350	0.080	15.510	78.760	232.0	82.7	2.9	27.6	345.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-136 (01/09/93) PZ3880	8,172.0	22.420	0.440	12.760	0.350	59.520	144.370	59.7	244.7	8.5	7.4	320.3
MW-136 (03/18/93) PZ4955	15,973.0	57.000	0.550	26.000	0.130	131.570	377.000	2,237.9	2,211.9	399.2	669.6	5,518.6
MW-136 (04/14/93) PZ5541	3,653.5	25.590	0.410	4.830	0.080	27.530	139.460	1,107.4	810.1	166.5	164.1	2,248.1
MW-136 (05/26/93) PZ7220	905.6	9.260	0.300	1.990	0.060	12.400	46.890	291.8	386.0	48.1	100.6	826.4
MW-136 (06/24/93) PZ7659	5,039.5	16.550	0.820	7.500	0.290	28.100	80.340	1,931.4	3,249.8	3,384.8	1,006.4	9,572.4
MW-136 (08/03/93) PZ8160	8,042.7	14.840	0.490	9.130	0.250	43.700	165.640	167.4	214.4	103.9	275.5	761.2
MW-136 (08/25/93) PZ8658	8,623.3	12.270	0.430	7.440	0.150	48.820	192.190	1,088.0	1,414.1	306.2	366.0	3,174.3
MW-136 (10/07/93) PZ9464	5,384.3	21.050	0.530	11.930	0.250	65.650	221.860	1,365.2	1,198.9	452.1	108.7	3,124.9
MW-136 (11/22/93) PZ9974	11,526.5	40.240	0.590	13.680	0.180	91.500	305.710	671.0	732.8	243.4	108.2	1,755.4
MW-136 (12/11/93) AP1132	3,526.2	14.140	0.270	4.960	0.070	32.760	122.190	996.0	672.0	34.5	328.4	2,030.9
MW-137 (01/11/93) PZ3996	8,208.5	32.120	0.930	25.380	4.270	152.440	817.230	6,027.7	4,363.9	1,438.3	1,284.2	13,114.1
MW-137 (03/20/93) PZ4959	235.0	2.000	0.240	1.000	1.930	5.740	26.000	1,388.9	350.2	881.0	761.7	3,381.8
MW-137 (04/16/93) PZ5543	2,678.4	13.210	0.840	5.650	0.110	41.140	159.700	1,252.7	640.6	242.8	337.2	2,473.3
MW-137 (05/27/93) PZ7222	2.2	0.070	0.030	0.060	0.020	0.330	2.060	75.1	228.8	178.2	100.2	582.2
MW-137 (06/25/93) PZ7660	102.9	0.760	0.080	0.300	0.020	2.670	12.030	182.2	211.9	176.5	113.6	684.2
MW-137 (08/04/93) PZ8162	2,039.8	6.130	0.280	4.910	0.970	12.470	67.510	145.5	67.6	146.5	97.8	457.4
MW-137 (08/25/93) PZ8662	831.1	8.260	0.240	2.110	0.080	10.240	40.570	496.4	676.2	229.5	1,475.6	2,877.6
MW-137 (10/07/93) PZ9468	238.4	24.090	0.390	29.500	0.940	308.860	1,704.680	26,360.4	14,709.1	4,101.0	2,956.8	48,127.3
MW-137 (11/22/93) APZ014	1,603.3	3.600	0.480	2.050	0.250	15.480	73.170	1,007.6	1,290.0	168.6	602.5	3,068.7
MW-137 (12/11/93) AP1136	357.5	0.900	0.220	0.620	0.090	3.500	26.750	675.7	560.8	85.4	408.6	1,730.5
MW-138 (01/11/93) PZ3998	14,569.8	19.360	1.410	0.470	0.300	2.450	38.500	5,484.0	8,252.5	3,735.6	1,295.2	18,767.2
MW-138 (03/20/93) PZ4961	13,594.0	19.000	0.970	2.000	0.130	3.370	26.000	4,883.4	4,346.0	2,579.4	1,697.7	13,506.5
MW-138 (04/16/93) PZ5545	7,425.8	5.190	0.970	0.440	0.000	1.990	12.950	409.3	450.1	186.3	24.9	1,070.6
MW-138 (05/27/93) PZ7224	4,912.4	7.940	2.110	0.140	0.120	0.370	2.580	260.3	693.7	181.9	159.8	1,295.7
MW-138 (08/04/93) PZ8164	21,056.0	22.750	5.800	0.560	0.280	0.850	9.870	418.5	940.7	507.6	121.0	1,987.8
MW-138 (08/25/93) PZ8666	14,619.6	18.320	8.200	0.170	0.220	1.050	13.340	317.5	522.5	105.0	28.4	973.4
MW-138 (10/11/93) PZ9470	7,086.4	12.450	3.380	0.240	0.230	1.070	5.470	235.4	407.0	7.2	18.3	667.9
MW-138 (11/22/93) APZ044	13,368.5	15.460	2.400	0.030	0.080	0.420	4.060	435.2	809.1	16.9	27.9	1,289.0
MW-138 (12/11/93) AP1140	1,084.2	5.040	0.960	0.100	0.080	0.090	0.770	338.5	898.7	887.8	954.7	3,079.7

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-139 (01/11/93) PZ4000	4,178.9	28.820	5.860	10.650	0.000	83.310	537.450	3,993.5	4,917.3	2,250.3	2,157.0	13,318.1
MW-139 (03/18/93) PZ4963	15,105.0	39.000	6.830	7.000	2.970	61.490	324.000	5,563.4	6,242.3	2,586.7	2,832.3	17,224.6
MW-139 (04/14/93) PZ5547	8,140.4	24.180	5.550	3.250	1.460	20.490	168.110	1,609.8	1,783.4	177.8	529.5	4,100.5
MW-139 (05/27/93) PZ7225	2,048.6	11.270	1.850	0.940	0.530	5.340	29.630	682.4	2,042.8	510.6	600.6	3,836.4
MW-139 (06/25/93) PZ7665	6,861.6	25.140	4.200	2.440	1.170	28.490	70.660	1,366.7	3,060.2	1,330.1	1,584.7	7,341.7
MW-139 (08/03/93) PZ8166	6,684.1	41.790	8.680	3.070	2.020	25.540	139.300	1,358.6	1,745.5	264.6	366.3	3,735.0
MW-139 (08/25/93) PZ8670	12,777.3	26.560	4.870	3.520	1.950	26.990	268.670	257.5	506.2	28.4	394.2	1,186.3
MW-139 (10/07/93) PZ9474	9,598.4	27.660	1.710	3.190	0.810	38.030	196.560	551.6	1,169.0	282.8	80.2	2,083.5
MW-139 (11/22/93) PZ9965	13,988.3	37.610	2.320	3.370	1.840	27.080	223.730	317.7	1,303.1	73.8	313.7	2,008.2
MW-139 (12/11/93) AP1144	4,891.3	9.600	1.130	2.470	0.610	36.160	367.120	12,108.4	11,870.9	6,926.6	4,967.0	35,872.8
MW-140 (01/09/93) PZ3883	4,984.0	42.380	1.270	25.030	8.670	27.510	137.570	2.2	151.0	12.9	3.1	169.2
MW-140 (03/18/93) PZ4789	13,706.0	95.000	2.320	27.000	8.970	25.720	48.000	211.7	1.6	8.9	1.3	223.5
MW-140 (04/16/93) PZ5549	9,814.5	113.290	2.920	57.580	17.210	62.310	616.990	552.3	12.4	115.4	262.3	942.4
MW-140 (05/27/93) PZ7226	9,715.4	157.310	7.910	50.560	17.600	56.240	312.330	641.9	1,044.6	189.1	196.2	2,071.8
MW-140 (06/25/93) PZ7667	10,245.2	132.810	6.670	52.790	16.210	74.130	361.810	2,890.8	180.5	762.0	879.5	4,712.6
MW-140 (08/04/93) PZ8168	9,004.1	105.230	4.310	23.480	7.980	29.430	149.200	526.3	953.7	301.8	261.5	2,043.3
MW-140 (08/26/93) PZ8674	11,636.5	167.110	2.590	59.340	19.020	84.810	475.220	793.2	1,170.3	190.6	335.3	2,489.4
MW-140 (10/11/93) PZ9479	7,752.2	170.190	3.820	72.430	18.880	69.850	368.340	234.7	91.2	26.8	12.8	365.5
MW-140 (11/22/93) PZ9815	19,857.8	186.350	2.020	79.090	17.960	93.340	796.290	445.3	609.8	64.8	73.5	1,193.4
MW-140 (12/11/93) AP1148	4,805.5	66.920	0.670	37.180	6.810	52.370	297.880	528.6	605.0	75.5	189.9	1,399.0

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-141 (01/11/93) PZ4002	202.9	1.660	0.130	1.880	0.400	11.680	74.340	632.2	693.7	558.5	1,128.3	3,012.6
MW-141 (03/20/93) PZ4965	133.0	2.000	0.230	2.000	0.450	19.790	128.000	273.3	229.7	111.0	426.1	1,040.1
MW-141 (04/16/93) PZ5551	393.9	3.590	0.340	2.180	0.000	15.260	146.710	317.3	1.6	211.0	449.3	979.2
MW-141 (05/27/93) PZ7227	376.6	2.030	0.350	1.190	0.290	8.000	41.730	562.5	35.6	413.1	104.3	1,115.5
MW-141 (06/25/93) PZ7669	5,588.9	17.160	1.700	7.950	2.660	28.420	203.300	469.5	598.9	454.9	336.7	1,859.9
MW-141 (08/04/93) PZ8170	4,487.9	22.800	0.850	7.660	1.880	47.580	252.740	4,009.7	3,510.7	1,339.4	811.5	9,671.3
MW-141 (08/26/93) PZ8678	2,802.3	28.890	16.460	7.580	1.330	38.380	214.730	1,876.2	1,435.5	560.0	276.9	4,148.6
MW-141 (10/11/93) PZ9483	4,069.4	19.940	2.000	10.860	6.290	56.300	234.260	273.4	11.6	45.7	40.5	371.2
MW-141 (11/22/93) APZ029	4,941.3	20.920	0.690	10.920	1.740	61.990	299.410	566.3	458.9	139.6	301.1	1,465.9
MW-141 (12/11/93) AP1151	2,528.2	6.420	0.210	5.020	1.170	25.350	201.670	214.5	319.3	206.1	217.2	957.1
MW-142 (01/11/93) PZ4004	1,421.8	5.450	0.000	12.710	2.130	20.170	143.860	3,214.5	5,387.0	3,385.3	2,280.9	14,267.6
MW-142 (03/20/93) PZ4967	957.0	3.000	0.410	3.000	1.770	9.300	49.000	1,217.4	725.4	91.0	421.0	2,454.8
MW-142 (04/16/93) PZ5553	2,746.2	7.980	0.640	5.620	2.100	12.680	102.840	437.0	7.8	75.2	394.5	914.5
MW-142 (05/27/93) PZ7228	420.2	1.980	0.300	1.270	0.630	1.900	10.880	210.6	799.9	464.6	760.1	2,235.2
MW-142 (06/25/93) PZ7671	2,176.9	5.860	0.280	5.430	0.770	14.900	67.270	601.1	788.5	587.7	378.1	2,355.4
MW-142 (08/04/93) PZ8172	4,453.0	10.040	0.370	6.670	1.390	16.090	138.380	1,367.2	1,542.5	838.7	732.5	4,480.9
MW-142 (08/26/93) PZ8682	4,861.4	6.680	0.270	6.860	0.860	16.390	95.920	223.8	358.1	235.4	738.3	1,555.6
MW-142 (10/11/93) PZ9487	2,472.8	7.840	0.590	6.540	0.810	17.400	69.820	75.8	3.4	4.9	2.4	86.5
MW-142 (11/22/93) APZ026	4,019.2	6.040	0.310	7.070	0.180	33.860	285.360	580.5	168.1	52.6	213.4	1,014.6
MW-142 (12/11/93) AP1155	1,227.7	3.710	0.220	6.570	0.590	39.340	214.430	1,298.1	1,637.2	1,139.4	1,062.8	5,137.5
MW-143 (01/11/93) PZ4006	1,614.0	0.530	0.000	0.310	0.800	4.570	71.970	2,457.1	2,603.4	2,309.0	1,057.8	8,427.3
MW-143 (03/20/93) PZ4969	3,104.0	1.000	0.170	0.000	0.040	9.590	91.000	1,290.0	1,204.6	485.5	1,068.6	4,048.7
MW-143 (04/16/93) PZ5555	3,538.8	0.970	0.130	0.410	0.040	5.770	63.830	1,123.8	715.7	2,151.3	1,097.9	5,088.7
MW-143 (05/27/93) PZ7229	939.0	0.460	0.090	0.070	0.030	0.470	5.120	212.8	334.4	278.1	81.1	906.4
MW-143 (06/25/93) PZ7673	8,900.7	7.660	0.190	1.690	0.140	1.810	22.220	1,010.3	80.1	652.1	278.0	2,020.4
MW-143 (08/04/93) PZ8174	12,779.2	3.830	0.330	0.550	0.140	2.690	22.490	458.0	552.0	406.1	206.2	1,622.3
MW-143 (08/26/93) PZ8686	16,444.1	3.670	0.390	0.500	0.160	2.160	40.730	133.4	154.9	311.4	303.9	903.5
MW-143 (11/22/93) APZ023	17,029.4	6.990	0.370	0.560	0.110	7.130	52.840	492.5	536.1	74.3	41.9	1,144.8
MW-143 (12/11/93) AP1159	5,148.9	1.720	0.040	0.180	0.070	2.510	17.910	86.3	147.8	26.5	56.0	316.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-144 (01/09/93) PZ3886	3.2	0.020	0.010	0.030	0.010	0.020	0.050	0.0	0.0	0.2	0.0	0.2
MW-144 (03/18/93) PZ4792	5.0	0.000	0.010	0.000	0.010	0.010	0.000	0.1	0.1	0.3	0.2	0.7
MW-144 (04/17/93) PZ5557	8.2	0.040	0.030	0.020	0.010	0.020	0.010	6.0	3.0	0.0	1.2	10.1
MW-144 (05/27/93) PZ7231	13.5	0.120	0.180	0.020	0.000	0.030	0.070	0.1	0.0	0.2	0.0	0.3
MW-144 (06/25/93) PZ7675	10.4	0.120	0.020	0.090	0.010	0.140	1.010	71.1	258.4	521.2	705.2	1,555.9
MW-144 (08/04/93) PZ8176	47.7	0.120	0.070	0.060	0.030	0.090	0.590	4.2	2.4	0.2	4.2	11.0
MW-144 (08/26/93) PZ8690	46.8	0.100	0.010	0.010	0.010	0.010	0.010	0.0	0.0	0.0	0.0	0.0
MW-144 (11/22/93) PZ9818	43.6	0.060	0.000	0.030	0.020	0.080	0.010	0.0	0.0	0.8	0.3	1.1
MW-144 (12/11/93) AP1163	4.2	0.060	0.010	0.030	0.000	0.030	0.150	0.2	0.6	0.2	0.5	1.5
MW-145 (01/11/93) PZ4008	9,888.8	6,490	1,590	0.480	0.230	0.370	14.020	1,034.5	1,554.7	624.4	610.8	3,824.4
MW-145 (03/20/93) PZ4971	8,660.0	19,000	1,530	1,000	0.250	0.530	9,000	5,405.1	13,659.5	3,321.6	7,541.0	29,927.2
MW-145 (04/16/93) PZ5560	5,089.0	4,580	1,160	0.320	0.140	0.130	6,380	465.8	524.8	27.8	221.8	1,240.2
MW-145 (05/27/93) PZ7233	2,175.8	6,450	2,980	0.110	0.080	0.160	2,500	305.6	1,230.5	311.8	550.9	2,398.8
MW-145 (06/25/93) PZ7678	9,334.5	12,570	2,160	0.240	0.160	1,510	12,660	5,533.9	565.6	2,943.2	909.8	9,952.5
MW-145 (08/04/93) PZ8179	23,554.0	20,970	2,230	0.280	0.140	0.410	12,900	149.6	456.3	81.7	26.2	713.8
MW-145 (08/26/93) PZ8693	14,577.6	14,470	2,110	0.340	0.170	0.330	10,450	831.2	1,329.5	535.6	235.1	2,931.4
MW-145 (10/11/93) PZ9498	14,645.7	95,790	52,770	0.280	0.340	1,620	19,100	234.9	103.0	43.9	10.2	392.0
MW-145 (11/22/93) APZ047	19,352.2	29,800	30,930	0.210	0.190	2,690	38,560	3,578.7	4,816.8	1,825.8	1,420.6	11,641.9
MW-145 (12/11/93) AP1167	3,299.1	10,540	2,420	0.100	0.060	0.790	12,760	1,072.1	1,290.9	1,108.8	732.9	4,204.7
MW-146 (01/09/93) PZ3889	14,291.1	19,480	0,830	1,220	0,730	1,500	12,690	49.2	397.0	631.3	820.9	1,898.4
MW-146 (03/20/93) PZ4973	10,137.0	34,000	0,850	3,000	0,590	3,530	36,000	1,956.2	3,690.8	4,448.1	2,184.5	12,279.5
MW-146 (04/16/93) PZ5562	7,301.0	19,660	0,410	2,240	0,290	2,330	45,040	502.5	36.5	23.0	206.1	768.0
MW-146 (05/27/93) PZ7234	9,640.0	27,410	1,100	2,130	0,780	3,090	29,440	661.7	68.1	93.1	267.2	1,090.1
MW-146 (06/25/93) PZ7680	9,480.8	66,460	1,690	3,360	0,980	7,830	53,630	3,745.9	651.2	3,247.3	911.2	8,555.6
MW-146 (08/04/93) PZ8181	5,946.1	17,680	0,290	1,610	0,300	3,120	31,170	127.1	153.2	7.1	28.9	316.3
MW-146 (08/26/93) PZ8697	7,613.6	19,530	0,570	2,800	0,750	4,970	55,310	321.3	512.5	177.9	118.3	1,130.0
MW-146 (10/11/93) PZ9502	20,396.4	35,610	1,880	3,400	0,990	11,880	133,050	578.4	783.4	7.8	34.5	1,404.0
MW-146 (11/22/93) APZ038	24,013.5	38,660	1,430	4,040	0,920	12,130	122,550	643.3	1,612.7	192.2	68.0	2,516.1
MW-146 (12/11/93) AP1171	6,907.4	13,520	0,790	1,580	0,330	5,610	56,150	760.5	907.1	105.5	95.6	1,868.7

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-147 (01/11/93) PZ4010	8,719.9	80.020	4.530	40.810	20.450	61.640	490.070	1,344.1	2,360.5	1,101.0	1,297.3	6,102.9
MW-147 (03/18/93) PZ4975	10,252.0	97.000	6.710	34.000	18.540	59.140	302.000	1,840.2	36.8	292.8	710.3	2,880.1
MW-147 (04/16/93) PZ5564	8,185.5	110.800	5.120	32.880	17.890	36.480	378.590	501.7	5.3	227.7	473.8	1,208.5
MW-147 (05/27/93) PZ7235	471.8	4.880	0.870	0.860	1.270	1.100	12.930	53.5	496.0	171.7	273.5	994.7
MW-147 (06/25/93) PZ7682	6,473.1	105.720	5.180	22.850	12.800	34.340	189.750	1,120.9	47.6	189.5	604.2	1,962.2
MW-147 (08/04/93) PZ8183	11,529.8	126.700	4.450	18.780	12.090	25.510	155.590	239.2	556.7	303.0	444.0	1,542.9
MW-147 (08/26/93) PZ8701	11,271.4	47.970	1.640	12.420	6.560	32.470	188.490	533.9	1,044.0	351.2	776.5	2,705.5
MW-147 (10/11/93) PZ9506	13,394.4	118.020	3.340	19.780	12.930	47.290	283.050	508.5	242.8	37.5	25.5	814.3
MW-147 (11/22/93) APZ032	22,083.3	131.700	3.620	24.530	14.270	53.920	338.660	648.9	938.7	61.9	260.5	1,910.0
MW-147 (12/11/93) AP1175	8,327.2	52.060	1.190	13.010	6.520	26.570	182.470	346.4	438.0	18.3	148.0	950.6
MW-148 (01/09/93) PZ3892	38.4	0.110	0.010	0.110	0.010	0.500	0.900	1.6	0.0	0.1	0.0	1.7
MW-148 (03/18/93) PZ4795	15.0	0.000	0.010	0.000	0.010	0.030	0.000	0.8	0.1	0.5	0.1	1.5
MW-148 (04/14/93) PZ5566	0.7	0.010	0.010	0.310	0.010	2.410	7.760	2.7	2.5	0.0	0.1	5.3
MW-148 (05/27/93) PZ7361	2.1	0.060	0.010	0.060	0.000	0.400	0.990	1.2	0.1	0.4	0.0	1.7
MW-148 (08/04/93) PZ8185	3.3	0.050	0.040	0.040	0.000	0.570	0.110	3.2	1.8	0.1	3.4	8.4
MW-148 (08/26/93) PZ8705	1.5	0.020	0.000	0.050	0.010	1.300	0.190	0.9	0.7	0.0	0.0	1.6
MW-148 (11/22/93) PZ9821	3.1	0.040	0.010	0.220	0.000	1.240	2.040	1.9	0.6	1.2	0.2	3.9
MW-148 (12/11/93) AP1179	1.3	0.010	0.000	0.010	0.000	0.040	0.050	0.6	0.3	0.4	0.1	1.4
MW-149 (01/11/93) PZ4012	4,840.2	63.170	0.420	4.900	1.400	26.970	598.880	8,063.3	3,888.7	1,499.7	1,632.9	15,084.6
MW-149 (03/20/93) PZ4977	4,386.0	20.000	2.140	5.000	1.120	7.760	85.000	2,775.3	6,175.6	6,284.5	6,543.2	21,778.4
MW-149 (04/16/93) PZ5569	1,705.0	11.980	0.740	3.220	0.810	3.920	34.710	548.6	436.9	413.2	505.1	1,903.8
MW-149 (05/27/93) PZ7237	830.3	12.350	5.700	1.820	2.060	2.290	36.540	2,473.5	76.9	1,068.5	607.5	4,226.4
MW-149 (06/25/93) PZ7687	5,116.8	52.670	10.830	10.190	3.810	21.010	208.740	11,360.1	1,143.6	4,808.2	2,767.2	20,079.1
MW-149 (08/04/93) PZ8188	9,667.3	71.080	13.100	17.300	7.150	18.330	177.710	247.5	969.9	684.7	408.6	2,310.7
MW-149 (08/26/93) PZ8708	7,154.0	70.450	15.600	15.330	6.550	14.440	122.910	865.0	1,672.2	1,315.6	753.6	4,606.4
MW-149 (10/11/93) PZ9512	4,372.0	39.990	11.350	14.090	3.990	29.430	281.190	1,746.4	37.9	283.2	186.4	2,253.8
MW-149 (11/22/93) APZ050	8,206.5	75.700	16.730	20.320	6.090	46.110	460.250	3,029.9	2,058.9	837.5	565.1	6,491.4
MW-149 (12/11/93) AP1182	2,601.4	23.430	5.220	6.970	2.070	21.070	243.180	2,942.6	4,577.0	613.0	919.1	9,051.7

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-150 (01/09/93) PZ3895	173.6	0.410	0.030	0.260	0.040	0.830	2.100	5.7	3.1	1.8	2.6	13.2
MW-150 (03/20/93) PZ4979	4,115.0	4.000	0.440	2.000	0.390	6.880	11.000	43.2	43.3	48.3	84.5	219.3
MW-150 (04/16/93) PZ5571	4,582.2	4.420	0.450	2.560	0.230	6.730	14.480	25.3	18.6	15.1	26.0	85.0
MW-150 (05/27/93) PZ7240	3,317.6	3.440	0.130	2.010	0.060	6.020	13.740	105.6	559.2	493.3	353.6	1,511.7
MW-150 (08/04/93) PZ8190	5,019.3	17.730	44.440	5.470	0.960	11.140	24.110	7.5	11.5	10.3	0.7	30.0
MW-150 (08/26/93) PZ8712	3,142.4	8.600	0.270	3.290	0.120	9.070	18.770	11.6	32.2	86.2	80.1	210.1
MW-150 (10/11/93) PZ9516	3,313.3	3.650	0.190	0.660	0.070	16.530	2.810	5.0	0.6	0.9	0.0	6.5
MW-150 (11/22/93) APZ017	7,970.8	11.770	0.290	6.240	0.100	31.330	38.170	16.3	9.2	3.4	0.2	29.1
MW-150 (12/11/93) AP1186	0.8	0.070	0.060	0.040	0.030	10.090	0.130	9.3	2.6	0.5	1.3	13.7
MW-151 (01/11/93) PZ4014	12,952.6	14.300	3.580	1.290	0.480	3.180	90.530	5,915.7	599.3	709.1	2,599.7	9,823.8
MW-151 (03/20/93) PZ4982	21,591.0	15.000	12.950	1.000	0.050	2.230	42.000	1,493.2	1,257.7	680.2	1,114.3	4,545.4
MW-151 (04/16/93) PZ5573	17,290.3	11.150	3.280	0.340	0.000	1.320	43.020	1,150.1	44.6	34.7	417.4	1,646.8
MW-151 (05/27/93) PZ7241	10,733.7	8.910	3.880	0.200	0.190	0.590	11.380	494.6	918.2	159.7	290.4	1,862.9
MW-151 (06/25/93) PZ7691	8,915.7	7.860	6.890	0.260	0.160	1.310	12.140	2,820.1	275.2	1,543.9	593.8	5,233.0
MW-151 (08/04/93) PZ8192	18,820.9	17.490	5.230	0.510	0.190	1.200	23.050	1,537.7	1,827.2	741.3	426.7	4,532.8
MW-151 (08/26/93) PZ8716	2,225.3	11.980	3.880	0.230	0.150	0.970	17.890	1,146.1	1,459.9	287.1	786.6	3,679.7
MW-151 (10/11/93) PZ9521	27,127.3	34.910	3.710	0.650	0.400	0.920	27.280	1,303.9	854.0	262.9	181.1	2,601.9
MW-151 (11/22/93) APZ053	28,322.1	21.420	6.190	0.620	0.350	1.540	22.590	711.6	1,579.2	75.2	328.5	2,694.5
MW-151 (12/11/93) AP1190	9,203.9	14.790	2.160	0.470	0.190	0.230	8.830	1,049.4	1,813.1	1,388.1	978.1	5,228.7
MW-152 (01/09/93) PZ3898	3,476.6	5.510	0.000	0.220	0.070	0.090	1.950	7.5	47.4	0.8	1.5	57.2
MW-152 (03/20/93) PZ4983	1,770.0	12.000	0.400	0.000	0.010	0.300	17.000	4,014.3	12,704.2	6,376.4	10,229.8	33,324.7
MW-152 (04/16/93) PZ5575	520.6	2.020	0.020	0.090	0.030	0.070	5.430	219.1	10.5	3.4	154.2	387.2
MW-152 (05/27/93) PZ7242	27.7	0.330	0.050	0.010	0.020	0.010	0.590	68.4	266.4	82.7	210.0	627.5
MW-152 (06/25/93) PZ7693	459.2	2.680	0.340	0.120	0.040	1.710	8.120	883.6	1,094.0	643.1	179.2	2,799.9
MW-152 (08/04/93) PZ8194	12,740.5	24.870	3.440	1.060	0.400	1.830	18.620	432.5	491.9	61.9	149.1	1,135.3
MW-152 (08/26/93) PZ8720	15,703.4	4.450	0.180	0.080	0.020	0.140	3.220	109.7	193.2	50.1	91.4	444.4
MW-152 (10/11/93) PZ9524	2,135.9	25.850	1.960	0.450	0.190	1.010	16.040	259.8	25.9	32.9	153.3	471.9
MW-152 (11/22/93) APZ059	1,934.0	15.180	0.810	0.260	0.050	1.410	32.420	466.3	711.5	30.2	229.4	1,437.4
MW-152 (12/11/93) AP1194	1,782.9	10.880	1.010	0.220	0.110	0.490	28.950	121.6	48.3	1.4	11.0	182.3

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-153 (01/11/93) PZ4016	17,700.2	108.280	37.890	270.780	40.840	212.910	2,416.300	2,335.8	582.6	2,207.5	1,875.1	7,001.0
MW-153 (03/20/93) PZ5099	5,964.0	43.000	19.770	41.000	10.110	23.650	49.000	19.9	537.7	576.0	395.1	1,528.7
MW-153 (04/16/93) PZ5577	7,073.2	109.850	49.130	198.420	47.730	95.450	1,674.000	1,391.8	12.2	822.5	524.4	2,750.9
MW-153 (05/27/93) PZ7243	85.7	1.620	2.190	1.050	1.660	0.570	14.810	211.2	987.0	893.7	653.9	2,745.8
MW-153 (06/25/93) PZ7695	2,868.5	46.770	29.750	69.990	18.560	63.430	538.900	2,699.6	2,144.7	437.9	298.7	5,580.9
MW-153 (08/04/93) PZ8196	5,586.8	62.800	22.100	78.700	20.890	48.420	517.770	460.1	1,540.3	1,569.3	1,282.5	4,852.2
MW-153 (08/26/93) PZ8724	5,258.8	96.720	34.610	147.530	36.580	76.770	762.050	682.5	2,847.3	942.2	767.7	5,239.7
MW-153 (10/11/93) PZ9528	14,875.0	152.330	54.870	98.770	41.890	55.700	975.590	2,578.5	151.3	641.7	447.0	3,818.5
MW-153 (11/22/93) APZ020	5,027.7	77.970	30.370	87.860	22.940	68.830	678.550	812.9	265.1	135.4	353.1	1,566.5
MW-153 (12/11/93) AP1198	2,264.6	22.260	10.060	35.170	7.120	45.600	916.170	2,040.1	2,086.6	605.5	564.5	5,296.6
MW-154 (01/09/93) PZ3901	12,226.1	6.150	0.090	0.930	0.090	19.530	56.380	33.1	4.3	0.0	0.0	37.4
MW-154 (03/18/93) PZ4799	2,875.0	1.000	1.180	0.000	0.570	1.650	1.000	2.5	1.4	0.9	0.2	5.0
MW-154 (04/14/93) PZ5579	4,079.2	4.490	0.190	0.930	0.110	15.340	85.230	111.8	21.6	0.8	11.6	145.8
MW-154 (05/27/93) PZ7245	984.3	2.130	0.120	0.430	0.080	6.210	40.580	18.5	10.1	0.0	22.5	51.1
MW-154 (06/25/93) PZ7697	9,048.4	15.600	0.370	1.640	0.880	34.410	183.620	315.3	28.2	9.0	5.0	357.5
MW-154 (08/04/93) PZ8198	15,238.0	18.290	0.300	1.620	0.000	40.690	255.060	202.4	42.3	1.5	40.3	286.4
MW-154 (08/26/93) PZ8728	15,562.5	15.670	0.240	1.180	0.790	24.940	177.020	164.7	84.8	1.3	22.4	273.2
MW-154 (10/11/93) PZ9533	5,572.4	10.130	0.230	1.450	0.200	34.950	130.110	319.0	96.8	2.1	6.9	424.8
MW-154 (11/22/93) PZ9824	32,721.4	27.280	0.000	3.250	0.220	81.440	422.250	674.7	141.0	1.0	7.2	823.9
MW-154 (12/11/93) AP1202	13,924.5	14.820	0.340	1.870	0.170	45.420	190.140	807.0	451.7	29.3	15.6	1,303.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-155 (01/09/93) PZ3904	5,754.8	1.220	0.020	0.190	0.030	0.350	1.060	21.9	39.6	2.8	0.0	64.3
MW-155 (03/18/93) PZ4801	3,322.0	0.000	0.010	0.000	0.770	0.110	1.000	1.4	0.2	0.6	0.1	2.3
MW-155 (04/14/93) PZ5582	1,912.3	0.330	0.000	0.090	0.000	0.230	0.530	8.8	12.9	0.9	1.0	23.6
MW-155 (05/27/93) PZ7248	1,383.2	0.370	0.020	0.110	0.020	0.360	0.510	4.9	12.6	2.0	0.5	20.0
MW-155 (06/25/93) PZ7700	4,733.1	1.640	0.080	0.270	0.050	0.890	1.860	60.2	15.9	4.1	0.5	80.6
MW-155 (08/04/93) PZ8201	13,454.7	3.880	0.420	0.380	0.070	1.940	3.830	22.3	40.0	3.8	3.5	69.6
MW-155 (08/26/93) PZ8731	5,924.5	1.370	0.140	0.100	0.050	0.480	0.980	8.0	12.9	2.7	0.0	23.6
MW-155 (10/11/93) PZ9536	1,549.6	1.000	0.010	0.120	0.030	0.450	0.360	4.8	0.4	1.7	0.2	7.0
MW-155 (11/22/93) PZ9827	27,802.0	12.270	0.070	0.360	0.070	1.960	3.420	29.6	24.1	0.0	0.0	53.7
MW-155 (12/11/93) AP1205	4,669.4	1.400	0.060	0.100	0.030	0.680	0.710	8.6	17.0	1.8	2.2	29.5
MW-156 (01/09/93) PZ3907	15,413.9	4.590	0.190	0.410	0.150	2.230	16.380	13.0	58.4	0.0	2.1	73.5
MW-156 (03/20/93) PZ4986	12,549.0	16.000	4.830	0.000	0.100	3.400	26.000	1,013.1	2,641.2	3,766.1	3,907.2	11,327.6
MW-156 (04/16/93) PZ5585	9,745.7	12.310	5.930	0.750	0.240	2.110	28.410	397.5	11.1	3.2	191.1	602.9
MW-156 (05/27/93) PZ7250	8,722.5	14.420	4.120	0.670	0.320	1.230	11.520	622.8	1,847.6	1,060.2	1,256.9	4,787.4
MW-156 (06/25/93) PZ7703	7,475.8	14.490	1.690	0.400	0.180	2.010	16.120	1,002.7	115.3	701.1	438.1	2,257.2
MW-156 (08/04/93) PZ8204	691.3	6.050	0.410	0.140	0.070	0.320	8.240	145.5	281.1	18.0	210.9	655.5
MW-156 (08/26/93) PZ8734	7,829.7	8.110	1.150	0.160	0.080	0.360	7.110	183.6	222.8	52.3	200.9	659.6
MW-156 (10/11/93) PZ9540	21,468.3	125.320	6.130	1.660	0.760	2.380	32.260	203.4	314.4	151.0	148.4	817.2
MW-156 (11/22/93) APZ065	9,472.4	13.500	1.370	2.180	0.420	6.270	51.030	213.6	393.8	69.0	203.2	879.6
MW-156 (12/11/93) AP1208	7,274.4	12.080	5.060	1.210	0.260	3.160	45.990	371.7	286.7	2.3	258.1	918.8

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-157 (01/09/93) PZ3910	8.5	0.260	0.080	0.190	0.060	0.050	0.060	0.0	0.0	0.0	0.0	0.0
MW-157 (03/18/93) PZ4804	3.0	0.000	0.020	0.000	0.010	0.010	0.000	0.2	0.2	0.3	0.1	0.7
MW-157 (04/14/93) PZ5587	2.2	0.110	0.050	0.060	0.030	0.010	0.020	5.9	3.1	0.6	2.1	11.7
MW-157 (05/27/93) PZ7252	1.9	0.040	0.010	0.020	0.010	0.010	0.040	0.2	0.1	0.1	0.0	0.4
MW-157 (06/25/93) PZ7705	5.6	0.080	0.190	0.030	0.100	0.040	0.120	1.0	0.8	1.2	0.1	3.1
MW-157 (08/04/93) PZ8206	6.8	0.070	0.060	0.010	0.010	0.010	0.030	4.2	0.5	0.0	4.1	8.8
MW-157 (08/26/93) PZ8738	0.5	0.010	0.020	0.070	0.000	0.100	0.270	0.1	0.0	0.1	0.0	0.2
MW-157 (10/11/93) PZ9544	4.7	0.010	0.000	0.020	0.000	0.030	0.140	0.3	0.4	0.5	0.3	1.5
MW-157 (11/22/93) PZ9830	278.8	0.130	0.710	0.100	0.210	0.060	0.050	0.0	0.0	0.3	0.0	0.3
MW-157 (12/11/93) AP1212	4.1	0.020	0.000	0.030	0.010	0.020	0.070	1.0	1.5	0.5	2.0	5.0
MW-158 (01/09/93) PZ3913	8,137.6	6.600	0.180	1.250	0.130	2.990	23.570	9.4	2.8	0.0	0.0	12.2
MW-158 (03/18/93) PZ4807	694.0	1.000	0.160	0.000	0.060	0.120	0.000	1.9	0.1	0.4	0.1	2.5
MW-158 (04/14/93) PZ5590	2,955.6	4.430	0.000	1.170	0.100	1.690	31.310	45.5	37.5	0.5	13.2	96.7
MW-158 (05/27/93) PZ7255	107.3	0.320	0.050	0.110	0.010	0.210	1.160	2.8	0.6	3.9	7.9	15.2
MW-158 (06/25/93) PZ7708	7.6	0.120	0.030	0.140	0.010	0.680	1.180	0.4	3.3	2.6	3.3	9.6
MW-158 (08/04/93) PZ8209	3,374.5	4.700	0.210	1.020	0.070	1.920	31.400	234.0	160.2	9.3	45.9	449.4
MW-158 (08/26/93) PZ8741	3,224.3	4.470	0.260	1.080	0.070	3.180	27.200	318.8	204.6	11.3	45.7	580.3
MW-158 (10/11/93) PZ9546	2.0	0.010	0.000	0.080	0.020	0.730	0.950	7.2	1.9	1.1	0.6	10.8
MW-158 (11/22/93) PZ9833	9,517.3	10.570	0.510	2.680	0.180	4.710	57.340	307.1	140.6	4.5	5.1	457.3
MW-158 (12/11/93) AP1216	1,939.6	4.750	0.280	1.310	0.120	3.170	20.510	131.5	285.9	6.4	8.7	432.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-159 (01/09/93) PZ3916	177.9	6.520	0.010	2.650	0.010	0.290	0.560	0.0	0.0	0.2	0.0	0.2
MW-159 (03/18/93) PZ4810	41.0	0.000	0.010	0.000	0.020	0.040	0.000	0.1	0.3	0.2	0.1	0.7
MW-159 (04/14/93) PZ5593	9.0	0.090	0.080	0.150	0.010	0.010	0.020	3.4	2.8	0.1	0.7	7.0
MW-159 (05/27/93) PZ7258	3.8	0.060	0.060	0.050	0.040	0.010	0.040	0.2	0.3	3.0	1.3	4.8
MW-159 (06/25/93) PZ7711	3.5	0.050	0.000	0.070	0.020	0.040	0.250	0.0	0.4	0.4	0.7	1.5
MW-159 (08/04/93) PZ8212	3.7	0.070	0.020	0.050	0.010	0.020	0.030	3.2	2.1	0.5	4.3	10.1
MW-159 (08/26/93) PZ8744	0.3	0.010	0.010	0.020	0.010	0.010	0.010	0.0	0.0	0.1	0.0	0.1
MW-159 (10/11/93) PZ9550	1.0	0.030	0.020	0.030	0.000	0.020	0.060	0.2	0.0	0.3	0.0	0.5
MW-159 (11/22/93) PZ9836	2.6	0.040	0.020	0.060	0.020	0.070	0.020	0.0	0.6	0.6	0.0	1.2
MW-159 (12/11/93) AP1220	2.2	0.020	0.000	0.020	0.010	0.010	0.030	0.0	0.4	0.3	0.0	0.7
MW-160 (01/09/93) PZ3919	117.1	0.280	0.030	0.270	0.040	0.030	0.110	1.9	0.0	0.0	0.0	1.9
MW-160 (03/18/93) PZ4814	153.0	0.000	0.020	0.000	0.010	0.010	0.000	69.1	0.0	44.5	112.4	226.0
MW-160 (04/14/93) PZ5596	1.6	0.030	0.020	0.060	0.000	0.020	0.090	8.3	7.4	1.3	2.4	19.4
MW-160 (05/27/93) PZ7261	90.9	0.280	0.030	0.170	0.000	0.040	0.120	4.1	0.5	1.4	1.1	7.1
MW-160 (06/25/93) PZ7714	1.0	0.020	0.000	0.060	0.000	0.050	0.130	1.7	0.9	1.0	0.7	4.3
MW-160 (08/04/93) PZ8215	20.2	0.070	0.080	0.100	0.010	0.060	0.300	10.7	9.0	0.7	3.4	23.8
MW-160 (08/26/93) PZ8747	222.2	0.190	0.070	0.050	0.000	0.030	0.170	5.4	6.0	0.4	0.6	12.4
MW-160 (10/11/93) PZ9552	8.7	0.020	0.010	0.050	0.000	0.030	0.060	3.3	1.1	1.2	0.1	5.7
MW-160 (11/22/93) PZ9839	1,044.8	1.300	0.010	0.090	0.010	0.120	0.270	6.4	2.0	0.9	0.0	9.3
MW-160 (12/11/93) AP1224	1.1	0.010	0.000	0.030	0.010	0.010	0.020	2.5	0.1	0.3	0.0	2.9

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-161 (01/09/93) PZ3922	6.1	0.190	0.020	0.310	0.030	0.080	0.110	1.2	0.0	0.0	0.0	1.2
MW-161 (03/18/93) PZ4816	1.0	0.000	0.010	0.000	0.010	0.020	0.000	0.1	0.0	0.1	0.1	0.3
MW-161 (04/14/93) PZ5599	24.4	0.380	0.000	0.170	0.010	0.030	0.040	1.8	1.8	0.0	0.2	3.8
MW-161 (05/27/93) PZ7264	1.1	0.020	0.010	0.080	0.010	0.030	0.030	0.0	0.0	0.3	0.3	0.6
MW-161 (06/25/93) PZ7717	224.3	1.020	0.020	0.090	0.020	0.060	0.060	0.4	0.1	0.3	0.1	0.9
MW-161 (08/04/93) PZ8218	231.9	1.110	0.050	0.090	0.020	0.030	0.030	2.9	1.9	0.1	3.8	8.7
MW-161 (08/26/93) PZ8750	89.8	0.450	0.090	0.070	0.000	0.020	0.030	0.1	0.0	0.1	0.0	0.2
MW-161 (10/11/93) PZ9556	0.8	0.030	0.020	0.030	0.000	0.020	0.040	0.0	0.0	0.3	0.0	0.3
MW-161 (11/22/93) PZ9842	130.2	0.610	0.020	0.140	0.030	0.120	0.160	0.8	0.3	0.3	0.0	1.4
MW-161 (12/11/93) AP1228	43.4	0.210	0.490	0.060	0.010	0.020	0.020	0.1	0.2	0.4	1.4	2.1
MW-162 (01/09/93) PZ3925	29.2	0.050	0.050	0.210	0.010	0.060	0.440	1.6	0.0	0.3	0.0	1.9
MW-162 (03/18/93) PZ4819	28.0	0.000	0.010	0.000	0.010	0.050	0.000	0.3	0.0	1.2	0.4	1.9
MW-162 (04/14/93) PZ5602	1,327.9	1.530	0.000	0.170	0.020	0.290	6.040	7.8	4.2	0.0	1.7	13.7
MW-162 (05/27/93) PZ7267	243.8	0.330	0.030	0.060	0.000	0.150	1.950	4.6	1.9	0.7	1.5	8.6
MW-162 (06/25/93) PZ7720	1.7	0.040	0.010	0.080	0.000	0.600	0.910	6.5	0.2	0.9	0.4	8.0
MW-162 (08/04/93) PZ8220	1,437.3	1.940	0.110	0.180	0.060	0.500	6.130	11.4	7.0	0.2	3.6	22.2
MW-162 (08/26/93) PZ8753	1,587.5	1.710	0.040	0.150	0.030	0.460	3.230	4.6	2.3	0.0	0.0	6.9
MW-162 (10/11/93) PZ9558	696.8	1.450	0.050	0.070	0.000	0.420	0.100	0.3	0.5	0.4	0.0	1.2
MW-162 (11/22/93) PZ9845	2,595.8	24.430	24.350	0.330	0.010	1.280	10.550	29.6	10.1	0.0	0.0	39.7
MW-162 (12/11/93) AP1231	1,009.3	2.540	0.020	0.180	0.010	0.870	4.190	6.2	3.6	1.5	0.1	11.3

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-163 (01/09/93) PZ3928	7.3	0.030	0.030	0.030	0.020	0.020	0.030	0.0	0.0	0.0	0.0	0.0
MW-163 (03/18/93) PZ4822	5.0	0.000	0.010	0.000	0.010	0.010	0.000	0.2	0.0	0.5	0.0	0.7
MW-163 (04/14/93) PZ5605	6.0	0.050	0.010	0.050	0.010	0.030	0.080	4.5	4.6	0.0	0.9	10.0
MW-163 (05/27/93) PZ7270	2.2	0.050	0.050	0.020	0.000	0.040	0.150	2.2	1.8	0.4	0.0	4.4
MW-163 (06/25/93) PZ7723	1.2	0.030	0.000	0.010	0.010	0.060	0.210	1.2	1.2	1.1	0.2	3.7
MW-163 (08/04/93) PZ8224	365.3	0.380	0.020	0.070	0.010	0.350	1.520	11.6	8.8	1.7	3.4	25.5
MW-163 (08/26/93) PZ8756	3,603.3	1.540	0.050	0.060	0.010	0.080	0.510	5.2	4.6	0.0	0.3	10.1
MW-163 (10/11/93) PZ9562	0.5	0.000	0.000	0.010	0.000	0.050	0.020	0.0	0.3	0.9	0.1	1.2
MW-163 (11/22/93) PZ9848	254.7	0.180	0.000	0.040	0.020	0.080	0.020	0.0	0.6	0.6	0.0	1.2
MW-163 (12/11/93) AP1234	1.7	0.020	0.010	0.030	0.010	0.020	0.040	0.5	1.1	1.2	0.2	3.0
MW-164 (01/09/93) PZ3931	11,691.7	1.420	0.040	0.180	0.070	0.030	0.080	6.5	1.0	0.0	0.0	7.5
MW-164 (03/20/93) PZ4990	7,761.0	4.000	0.560	0.000	0.460	0.100	0.000	38.1	488.9	1,085.1	3,273.9	4,886.0
MW-164 (04/16/93) PZ5607	6,066.8	6.620	0.430	0.140	0.230	0.020	0.100	27.1	144.6	266.6	590.9	1,029.2
MW-164 (05/27/93) PZ7272	7,763.0	1.600	0.470	0.050	0.000	0.030	0.050	67.8	411.0	497.6	372.7	1,349.0
MW-164 (06/25/93) PZ7726	6,559.7	2.520	0.560	0.060	0.110	0.020	0.270	377.5	1,330.5	1,238.1	523.4	3,469.5
MW-164 (08/04/93) PZ8227	12,054.6	7.560	0.510	0.050	0.010	0.100	0.080	156.3	401.6	124.9	179.8	862.6
MW-164 (08/26/93) PZ8759	8,511.3	1.600	0.200	0.070	0.100	0.020	0.070	7.2	45.8	33.6	70.8	157.4
MW-164 (10/11/93) PZ9565	14,203.1	4.290	0.650	0.140	0.300	0.120	0.070	19.2	8.9	14.0	7.9	50.0
MW-164 (11/22/93) APZ062	10,255.2	4.020	0.260	0.100	0.060	0.040	0.030	6.0	16.4	25.0	59.2	106.6
MW-164 (12/11/93) AP1237	1,596.7	0.890	0.060	0.080	0.040	0.020	0.130	10.4	54.3	101.7	450.7	617.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-165 (01/09/93) PZ3934	12.5	0.020	0.010	0.020	0.010	0.010	0.020	0.6	0.0	0.0	0.0	0.6
MW-165 (04/14/93) PZ5610	309.8	0.890	0.150	0.200	0.030	9.160	24.340	38.0	18.6	3.5	0.7	60.8
MW-165 (05/26/93) PZ7274	17.4	0.010	0.000	0.000	0.010	0.020	0.020	0.0	0.0	0.0	0.0	0.0
MW-165 (06/24/93) PZ7728	2.0	0.000	0.000	0.010	0.000	0.010	0.000	0.7	0.1	0.3	0.1	1.2
MW-165 (08/04/93) PZ8229	7.8	0.030	0.040	0.020	0.010	0.020	0.030	3.8	2.2	0.1	3.6	9.7
MW-165 (08/18/93) PZ4825	9.0	0.000	0.010	0.000	0.010	0.020	0.000	0.1	0.1	0.7	0.2	1.1
MW-165 (08/25/93) PZ8763	1.0	0.010	0.000	0.010	0.000	0.010	0.010	0.0	0.0	0.0	0.0	0.0
MW-165 (10/07/93) PZ9569	3.2	0.010	0.000	0.010	0.000	0.020	0.020	0.4	0.1	0.4	0.4	1.2
MW-165 (11/22/93) PZ9851	10.5	0.030	0.010	0.020	0.000	0.060	0.010	0.1	0.5	0.6	0.5	1.7
MW-165 (12/11/93) AP1241	1.4	0.010	0.000	0.010	0.010	0.010	0.010	0.1	0.1	0.2	0.0	0.3
MW-166 (01/11/93) PZ4018	46,818.6	11.650	1.860	6.930	2.310	21.090	319.140	3,743.4	3,925.0	630.0	259.8	8,558.2
MW-166 (04/16/93) PZ5613	10,323.5	15.190	1.260	2.750	0.690	6.690	75.050	928.3	917.4	165.2	317.3	2,328.2
MW-166 (05/27/93) PZ7276	15,906.1	9.140	0.650	2.050	0.600	4.470	88.930	588.1	656.7	79.4	140.4	1,464.5
MW-166 (06/25/93) PZ7731	10,528.4	8.160	0.540	1.290	0.360	5.010	51.310	263.2	264.0	14.9	11.6	553.7
MW-166 (08/04/93) PZ8232	18,138.5	13.890	0.990	1.340	0.680	4.720	59.980	454.9	508.9	211.3	78.1	1,253.2
MW-166 (08/13/93) PZ4828	6,828.0	2.000	0.140	0.000	0.150	0.150	1.000	9.8	0.4	2.3	1.7	14.2
MW-166 (08/26/93) PZ8766	10,579.4	6.500	0.280	1.180	0.350	3.300	40.230	467.9	446.3	19.1	74.8	1,008.1
MW-166 (10/11/93) PZ9572	9,979.1	6.410	0.490	0.950	0.370	3.230	32.890	157.2	244.9	17.1	1.1	420.3
MW-166 (11/22/93) APZ035	26,305.7	23.760	0.980	2.370	0.670	7.300	73.130	430.3	529.0	5.9	0.6	965.8
MW-166 (12/11/93) AP1244	7,539.1	10.670	0.500	1.390	0.360	3.150	24.020	95.8	146.5	13.1	6.9	262.3

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-167 (01/09/93) PZ3937	204.3	0.450	0.060	0.140	0.050	0.140	2.100	2.9	3.3	0.0	0.0	6.2
MW-167 (03/20/93) PZ4991	238.0	2.000	0.090	1.000	0.100	2.540	34.000	112.5	111.6	23.8	44.6	292.5
MW-167 (04/16/93) PZ5615	430.8	10.640	0.310	1.280	0.130	1.770	29.480	655.7	661.0	944.5	1,109.2	3,370.4
MW-167 (05/27/93) PZ7277	1,361.2	14.270	0.870	2.440	0.280	4.440	60.200	972.0	94.2	255.0	490.8	1,812.0
MW-167 (06/25/93) PZ7734	1,219.9	9.180	0.700	2.820	0.310	8.830	74.530	732.7	810.7	329.3	169.5	2,042.2
MW-167 (08/04/93) PZ8234	806.7	14.460	0.640	2.550	0.240	6.050	103.050	114.2	181.7	14.6	133.6	444.1
MW-167 (08/26/93) PZ8769	1,777.5	17.320	0.860	3.340	0.310	17.260	53.700	329.8	714.4	591.8	326.4	1,962.4
MW-167 (10/11/93) PZ9576	1,201.9	11.590	0.990	1.400	0.250	2.940	110.540	120.6	47.4	8.7	2.8	179.5
MW-167 (11/22/93) APZ056	4,131.0	33.830	1.560	5.080	0.390	47.180	144.880	1,288.6	1,390.2	57.9	206.1	2,942.7
MW-167 (12/11/93) AP1248	772.2	7.610	0.380	1.500	0.160	6.610	92.030	233.0	88.1	5.6	11.5	338.2
MW-168 (01/09/93) PZ3940	592.5	2.060	0.160	0.390	0.020	16.830	51.670	423.4	175.2	17.7	6.7	623.0
MW-168 (03/18/93) PZ4831	131.0	1.000	0.090	0.000	0.040	4.520	15.000	33.4	20.2	1.5	0.7	55.8
MW-168 (04/14/93) PZ5610	6.1	0.010	0.010	0.010	0.010	0.020	0.010	1.6	1.4	0.0	0.0	3.0
MW-168 (05/26/93) PZ7279	288.1	1.450	0.280	0.250	0.030	9.410	21.290	121.6	57.8	7.1	2.9	189.4
MW-168 (06/25/93) PZ7736	1.1	0.010	0.010	0.010	0.000	0.240	0.320	4.3	0.6	2.4	1.7	9.0
MW-168 (08/26/93) PZ8773	359.5	2.890	0.180	0.130	0.050	7.000	10.350	33.2	13.8	2.3	0.0	49.3
MW-168 (10/08/93) PZ9580	428.4	43.150	11.300	2.090	0.570	76.610	322.570	13,369.9	11,291.3	4,810.0	950.1	30,421.3
MW-169 (01/09/93) PZ3943	8.4	1.610	0.010	2.560	0.020	0.440	0.580	0.0	0.0	0.2	0.0	0.2
MW-169 (03/18/93) PZ4834	2.0	1.000	0.040	2.000	0.030	0.260	0.000	0.0	0.0	0.0	0.0	0.0
MW-169 (04/14/93) PZ5620	2.3	0.690	0.010	0.820	0.010	0.110	0.110	4.2	4.6	0.0	1.4	10.2
MW-169 (05/26/93) PZ7282	2.7	0.060	0.010	0.010	0.010	0.010	0.010	0.0	0.0	0.1	0.0	0.1
MW-169 (06/24/93) PZ7739	0.8	0.020	0.010	0.030	0.010	0.030	0.010	0.3	0.1	0.2	0.1	0.6
MW-169 (08/04/93) PZ8239	2.8	0.150	0.060	0.040	0.010	0.020	0.060	4.7	3.0	0.1	4.3	12.1
MW-169 (08/26/93) PZ8776	30.7	0.070	0.040	0.010	0.000	0.010	0.000	0.1	0.0	0.1	0.0	0.2
MW-169 (10/08/93) PZ9583	0.9	0.010	0.000	0.010	0.000	0.010	0.010	0.5	0.1	0.6	0.5	1.7
MW-169 (11/22/93) PZ9854	2.3	0.070	0.050	0.230	0.020	0.060	0.030	0.1	0.0	0.6	0.0	0.7
MW-169 (12/11/93) AP1255	9.3	0.090	0.050	0.050	0.010	0.020	0.030	0.1	0.1	0.3	0.0	0.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-170 (01/11/93) PZ4020	11,909.3	23.090	0.560	2.460	0.860	28.270	455.680	2,495.1	605.9	2,589.8	709.0	6,399.8
MW-170 (03/18/93) PZ4994	531.0	1.000	0.140	0.000	0.080	1.740	14.000	119.3	87.9	9.2	42.5	258.9
MW-170 (03/18/93) PZ4995	144.0	0.000	0.030	0.000	0.140	0.290	1.000	10.7	0.2	2.3	2.7	15.8
MW-170 (04/14/93) PZ5623	555.0	0.730	0.070	0.100	0.050	0.800	12.440	26.3	18.1	1.7	30.5	76.5
MW-170 (05/26/93) PZ7284	87.3	0.450	0.080	0.050	0.030	0.180	2.810	200.7	24.3	67.8	348.2	641.0
MW-170 (06/24/93) PZ7742	250.0	0.560	0.070	0.060	0.020	0.950	5.130	75.0	114.6	97.5	36.1	323.2
MW-170 (08/03/93) PZ8242	858.0	1.880	0.240	0.260	0.070	2.280	19.230	427.1	615.1	249.0	78.2	1,369.4
MW-170 (08/26/93) PZ8779	435.9	0.910	0.140	0.100	0.040	1.070	10.340	126.4	97.4	20.6	28.9	273.3
MW-170 (10/08/93) PZ9586	1,372.8	6.200	0.730	0.240	0.260	4.040	29.950	137.0	10.2	8.8	1.6	157.6
MW-170 (11/22/93) APZ002	15,115.9	10.890	0.480	0.150	0.080	1.690	13.540	171.6	67.4	5.9	10.5	255.3
MW-170 (12/11/93) AP1258	5,113.2	7.780	0.420	0.120	0.040	0.760	3.370	40.4	111.9	29.2	296.5	478.0
MW-171 (01/11/93) PZ4022	600.1	11.680	2.080	1.540	1.320	10.180	223.590	3,779.1	3,101.0	708.3	1,461.7	9,050.1
MW-171 (03/18/93) PZ4997	502.0	4.000	0.560	1.000	0.190	4.560	43.000	461.4	495.8	128.3	864.2	1,949.7
MW-171 (04/14/93) PZ5625	1,275.8	4.420	0.750	0.800	0.210	4.710	68.720	2,328.6	148.1	23.9	613.0	3,113.6
MW-171 (05/26/93) PZ7285	133.3	1.030	0.460	0.040	0.060	0.790	11.500	801.9	83.3	48.0	207.8	1,141.0
MW-171 (06/24/93) PZ7744	1,533.7	5.490	1.190	0.230	0.210	2.730	37.650	1,419.3	2,226.8	1,551.8	677.0	5,874.9
MW-171 (08/03/93) PZ8244	639.6	2.980	0.830	0.370	0.150	3.540	48.620	347.1	309.5	4.1	134.3	795.0
MW-171 (08/25/93) PZ8783	921.8	2.780	0.790	0.000	0.220	2.150	66.030	576.9	521.3	24.4	492.9	1,615.5
MW-171 (10/07/93) PZ9591	1,468.2	3.640	0.690	0.230	0.100	2.320	68.080	414.6	554.3	5.6	80.1	1,054.6
MW-171 (11/22/93) PZ9983	1,507.8	2.490	0.690	0.210	0.100	1.940	61.260	612.1	903.7	61.4	283.4	1,860.6
MW-171 (12/11/93) AP1262	841.4	1.980	0.500	0.160	0.050	3.160	42.350	585.8	660.1	95.1	36.8	1,377.8

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-172 (01/11/93) PZ4024	7,677.3	7.940	0.000	2.990	0.790	0.520	2.910	545.0	1,582.0	2,147.7	2,007.1	6,281.8
MW-172 (03/18/93) PZ4999	6,153.0	7.000	0.630	2.000	0.680	0.430	2.000	3,796.7	9,233.8	6,676.8	6,412.1	26,119.4
MW-172 (04/14/93) PZ5627	7,382.8	4.790	0.620	0.830	0.170	0.140	3.800	365.9	381.8	2.4	61.2	811.3
MW-172 (05/26/93) PZ7286	1,409.7	3.170	0.350	0.210	0.090	0.060	1.100	1,251.8	262.0	132.2	307.6	1,953.6
MW-172 (06/24/93) PZ7746	7,658.5	4.650	0.000	0.310	0.120	0.430	5.420	1,329.4	1,803.6	1,101.6	886.1	5,120.7
MW-172 (08/03/93) PZ8246	14,417.1	6.700	0.670	0.390	0.210	0.330	4.890	497.1	434.4	91.2	81.7	1,104.3
MW-172 (08/25/93) PZ8787	10,182.0	3.530	0.260	0.420	0.230	0.210	3.120	420.8	408.3	51.2	52.1	932.3
MW-172 (10/07/93) PZ9595	19,324.3	7.800	0.930	0.350	0.260	0.340	8.560	230.7	398.7	0.0	16.9	646.3
MW-172 (11/22/93) PZ9980	11,609.8	7.250	0.810	0.440	0.330	0.320	4.650	346.9	435.4	50.7	135.5	968.5
MW-172 (12/11/93) AP1266	3,952.3	4.440	0.430	0.150	0.160	0.100	1.810	67.8	82.6	13.7	23.3	187.4
MW-173 (01/11/93) PZ4026	12,828.2	15.030	0.000	0.440	0.310	0.690	29.280	27,089.6	18,815.4	7,565.7	2,623.1	56,093.8
MW-173 (03/18/93) PZ5001	21,200.0	6.000	0.890	0.000	0.320	0.060	9.000	680.1	786.8	254.1	804.9	2,525.9
MW-173 (04/14/93) PZ5629	22,657.8	3.690	0.750	0.350	0.160	0.290	13.650	329.2	177.9	21.7	215.2	744.0
MW-173 (05/26/93) PZ7287	16,855.3	2.130	0.780	0.210	0.240	0.270	11.110	447.7	848.6	206.5	148.1	1,650.9
MW-173 (06/24/93) PZ7748	14,505.0	1.430	0.610	0.140	0.090	0.800	12.260	1,166.9	1,964.3	1,337.7	567.1	5,036.0
MW-173 (08/03/93) PZ8248	16,886.5	2.080	0.460	0.220	0.100	0.480	8.250	192.0	388.1	8.2	52.7	641.0
MW-173 (08/25/93) PZ8791	23,479.3	5.020	0.280	0.090	0.090	0.180	10.630	471.5	624.6	13.3	168.2	1,277.6
MW-173 (10/07/93) PZ9598	24,696.9	3.560	0.600	0.140	0.110	0.630	13.110	358.4	494.7	38.7	14.2	906.0
MW-173 (11/22/93) PZ9986	18,908.3	5.950	0.360	0.280	0.170	0.350	5.570	395.3	232.9	14.5	9.8	652.5
MW-173 (12/11/93) AP1270	13,896.0	3.230	0.300	0.090	0.050	0.070	0.610	13.2	7.0	4.7	1.6	26.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-174 (01/11/93) PZ4028	2,695.1	24.040	3.710	10.510	1.010	39.310	501.190	1,508.2	1,870.6	1,326.7	1,723.4	6,428.9
MW-174 (03/18/93) PZ5003	2,308.0	18.000	4.790	9.000	0.620	49.610	312.000	2,857.7	3,774.2	3,775.4	13,607.6	24,014.9
MW-174 (04/14/93) PZ5631	2,694.1	13.690	3.330	8.480	0.600	39.260	307.120	1,221.3	935.2	197.4	433.5	2,787.2
MW-174 (05/26/93) PZ7288	2,047.2	10.820	2.980	4.680	0.570	17.390	235.530	280.6	636.4	225.3	138.0	1,280.2
MW-174 (06/24/93) PZ7750	2,784.6	13.810	3.740	4.640	0.460	21.410	158.390	6,054.2	460.5	2,531.7	965.2	10,011.6
MW-174 (08/03/93) PZ8250	3,701.8	15.470	2.720	6.310	0.430	33.760	254.940	155.8	362.0	117.4	187.9	823.1
MW-174 (08/25/93) PZ8795	1,946.7	12.490	1.940	4.640	0.330	18.930	151.440	987.2	1,491.3	868.7	1,622.8	4,970.0
MW-174 (10/07/93) PZ9603	4,419.1	36.690	3.490	10.200	0.670	53.040	369.370	983.0	1,371.4	220.1	254.8	2,829.3
MW-174 (11/22/93) PZ9968	4,260.7	46.550	4.210	11.520	0.860	57.310	408.840	1,679.2	2,441.0	666.6	771.3	5,558.1
MW-174 (12/11/93) AP1274	4,048.5	5.760	0.920	3.270	14.380	2.070	35.400	316.1	1,235.6	160.2	241.2	1,953.1
MW-175 (01/11/93) PZ4030	10,224.4	8.140	2.250	10.890	26.770	11.020	177.300	4,492.8	5,756.4	910.9	1,212.4	12,372.5
MW-175 (03/18/93) PZ5005	21,004.0	7.000	1.690	51.000	138.400	62.330	504.000	779.9	1,615.0	675.7	1,746.0	4,816.6
MW-175 (04/14/93) PZ5633	7,299.1	5.710	1.550	6.120	16.280	6.690	74.050	2,533.6	2,822.1	1,059.6	1,276.2	7,691.5
MW-175 (05/26/93) PZ7289	1,458.7	1.400	0.670	1.570	9.400	1.020	20.490	199.6	1,041.7	152.7	52.4	1,446.4
MW-175 (06/24/93) PZ7752	9,700.9	6.240	1.760	4.600	18.680	4.330	37.590	5,340.1	396.0	2,188.9	779.3	8,704.3
MW-175 (08/03/93) PZ8252	7,799.3	7.610	2.510	6.240	22.060	5.870	62.730	309.9	861.1	225.3	551.4	1,947.6
MW-175 (08/25/93) PZ8799	3,575.8	5.760	1.360	5.740	23.630	6.000	64.290	955.6	2,098.4	255.5	528.7	3,838.2
MW-175 (10/07/93) PZ9606	19,717.9	14.290	1.120	11.690	51.350	5.660	106.150	2,161.5	131.4	256.7	251.5	2,801.1
MW-175 (11/22/93) PZ9923	11,463.7	11.250	1.060	9.070	40.460	4.800	85.880	361.7	2,398.4	344.7	429.4	3,534.2
MW-175 (12/11/93) AP1278	1,548.0	18.940	1.690	5.910	0.350	34.760	241.090	648.0	428.8	25.6	103.8	1,206.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-176 (01/09/93) PZ3946	26,751.4	2.460	0.000	0.460	0.380	0.110	0.190	2.5	0.3	9.5	0.8	13.1
MW-176 (03/18/93) PZ4837	14,949.0	2.000	0.180	0.000	0.160	0.070	0.000	2.7	6.4	9.8	0.0	18.9
MW-176 (04/14/93) PZ5635	8,269.6	1.480	0.250	0.330	0.130	0.080	0.250	6.5	13.2	18.0	1.8	39.5
MW-176 (05/26/93) PZ7291	11,641.2	1.110	0.000	0.170	0.050	0.070	0.080	0.0	1.3	5.9	0.7	7.9
MW-176 (06/24/93) PZ7754	8,822.5	1.080	0.130	0.220	0.040	0.130	0.060	0.8	1.5	5.1	1.3	8.7
MW-176 (08/03/93) PZ8254	17,192.8	1.270	0.140	0.220	0.070	0.060	0.050	0.8	1.8	6.6	5.2	14.4
MW-176 (08/25/93) PZ8803	13,487.4	0.950	0.080	0.110	0.030	0.030	0.060	0.0	0.0	2.4	0.5	2.9
MW-176 (10/07/93) PZ9610	4,076.9	0.180	0.020	0.090	0.010	0.030	0.030	1.2	1.9	4.4	0.8	8.3
MW-176 (11/22/93) PZ9857	9,182.0	1.830	0.040	0.410	0.070	0.140	0.250	4.2	7.9	5.8	0.7	18.5
MW-176 (12/11/93) AP1282	10,285.6	1.100	0.080	0.110	0.030	0.040	0.020	0.0	0.6	2.7	0.4	3.7
MW-177 (01/11/93) PZ4032	31,334.7	8.290	2.490	0.740	1.520	0.230	0.520	3,119.1	9,614.4	3,718.5	806.4	17,258.4
MW-177 (05/26/93) PZ7293	493.6	0.140	0.030	0.040	0.020	0.060	0.590	4.0	70.5	124.1	44.4	243.0
MW-178 (04/14/93) PZ5639	1.1	0.040	0.040	0.100	0.010	0.060	0.110	4.2	4.3	0.6	1.8	10.9
MW-178 (05/26/93) PZ7295	4.6	0.020	0.000	0.080	0.020	0.050	0.050	0.0	0.0	0.3	0.4	0.6
MW-178 (06/25/93) PZ7759	3.3	0.040	0.010	0.100	0.000	0.100	0.430	1.4	0.2	0.7	1.5	3.7
MW-178 (08/04/93) PZ8259	3.4	0.070	0.060	0.140	0.010	0.050	0.140	4.4	2.7	0.3	4.4	11.8
MW-178 (08/13/93) PZ4840	64.0	0.000	0.040	0.000	0.040	0.040	0.000	0.0	0.0	0.0	0.0	0.0
MW-178 (08/25/93) PZ8810	29.2	0.080	0.000	0.160	0.010	0.040	0.130	0.3	0.0	0.1	0.0	0.4
MW-178 (10/08/93) PZ9617	0.9	0.010	0.000	0.100	0.000	0.040	0.060	0.7	0.2	1.6	0.3	2.8
MW-178 (11/22/93) PZ9860	2.5	0.020	0.010	0.280	0.010	0.160	0.270	0.4	0.1	0.6	0.0	1.1
MW-178 (12/11/93) AP1288	0.8	0.040	0.060	0.020	0.010	0.030	0.000	0.0	0.0	0.1	0.0	0.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-179 (01/09/93) PZ3955	9,881.8	0.630	0.000	0.480	0.030	0.120	0.330	4.2	1.6	0.0	0.0	5.8
MW-179 (03/18/93) PZ4843	3,932.0	0.000	0.040	0.000	0.020	0.060	0.000	0.0	0.5	0.0	0.0	0.5
MW-179 (04/14/93) PZ5642	322.1	0.060	0.010	0.030	0.000	0.020	0.020	2.7	3.1	0.0	1.4	7.2
MW-179 (05/26/93) PZ7298	0.8	0.010	0.000	0.060	0.000	0.070	0.120	0.5	0.7	0.4	0.2	1.7
MW-179 (06/24/93) PZ7762	0.9	0.030	0.030	0.040	0.000	0.060	0.100	0.9	0.5	0.1	0.1	1.6
MW-179 (08/03/93) PZ8262	1,282.9	0.100	0.020	0.150	0.020	0.100	0.370	3.0	2.0	0.0	4.4	9.4
MW-179 (08/25/93) PZ8813	0.6	0.020	0.020	0.070	0.000	0.100	0.260	0.2	0.4	0.1	0.0	0.7
MW-179 (10/07/93) PZ9620	4.5	0.010	0.000	0.040	0.000	0.100	0.190	0.3	0.5	0.8	0.1	1.7
MW-179 (11/22/93) PZ9863	866.0	0.110	0.000	0.280	0.030	0.320	0.930	0.2	0.9	0.3	0.0	1.4
MW-179 (12/11/93) AP1292	6.3	0.030	0.030	0.050	0.010	0.250	0.440	0.5	0.4	0.7	1.0	2.6
MW-180 (01/11/93) PZ4034	5,243.4	5.360	0.000	1.070	0.260	0.230	1.160	88.4	480.7	1,360.8	2,123.9	4,053.7
MW-180 (03/18/93) PZ5009	7,161.0	2.000	0.550	1.000	0.520	0.270	1.000	145.1	978.4	2,879.2	3,864.7	7,867.4
MW-180 (04/14/93) PZ5645	8,904.2	2.280	0.280	0.410	0.170	0.110	0.660	62.8	82.9	12.8	11.3	169.8
MW-180 (05/26/93) PZ7300	1,774.4	1.090	0.110	0.130	0.070	0.070	0.370	48.4	222.1	367.6	456.3	1,094.4
MW-180 (06/24/93) PZ7765	6,576.0	5.160	0.220	0.550	0.890	1.910	1.230	283.5	262.8	91.2	288.1	925.6
MW-180 (08/03/93) PZ8265	9,339.4	2.590	23.870	0.280	0.070	0.530	2.460	45.0	52.6	13.9	21.0	132.5
MW-180 (08/25/93) PZ8816	10,188.0	2.720	0.110	0.170	0.020	0.280	1.100	55.4	167.4	237.3	134.5	594.6
MW-180 (10/07/93) PZ9624	2,231.8	6.680	0.460	0.320	0.230	0.380	0.690	23.6	14.1	1.7	1.1	40.5
MW-180 (11/22/93) PZ9976	472.9	0.310	0.020	0.060	0.070	0.070	0.110	3.5	11.9	16.7	2.7	34.8
MW-180 (12/11/93) AP1295	4,250.4	2.170	0.170	0.120	0.090	0.040	0.060	2.9	0.1	6.1	4.2	13.3

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-181 (01/11/93) PZ4036	21,744.5	14.280	0.000	1.610	0.770	1.000	9.740	722.2	622.2	196.2	380.0	1,920.6
MW-181 (03/18/93) PZ5011	20,068.0	5.000	0.430	1.000	0.330	0.740	4.000	136.6	266.9	251.9	498.8	1,154.2
MW-181 (04/14/93) PZ5647	20,647.3	4.820	0.200	0.550	0.110	0.450	4.040	186.3	267.4	6.1	95.0	554.8
MW-181 (05/26/93) PZ7301	5,306.8	1.560	0.120	0.070	0.050	0.100	1.270	8.7	106.1	10.3	42.6	167.7
MW-181 (06/24/93) PZ7767	6,742.6	2.900	1.010	0.100	0.060	0.710	3.740	1,251.7	902.2	1,055.7	592.8	3,802.3
MW-181 (08/03/93) PZ8266	2,813.3	6.770	0.300	0.170	0.090	0.150	1.010	165.2	241.7	88.0	42.4	537.3
MW-181 (08/25/93) PZ8820	48.1	14.230	25.330	-0.030	0.060	0.120	1.520	188.8	297.0	2.4	19.8	508.0
MW-181 (10/07/93) PZ9627	10,148.8	3.930	0.200	0.130	0.150	0.400	1.710	81.6	51.5	4.0	0.5	137.6
MW-181 (11/22/93) PZ9920	7,045.9	2.510	0.620	0.100	0.050	0.300	1.860	97.0	62.9	8.9	0.3	169.1
MW-181 (12/11/93) AP1299	5,333.6	2.180	0.060	0.060	0.060	0.110	0.530	7.5	0.5	3.4	0.4	11.8
MW-182 (01/09/93) PZ3949	6,330.4	35.060	0.630	1.850	1.120	1.570	13.190	35.6	361.5	510.3	62.3	969.7
MW-182 (03/18/93) PZ4846	7,598.0	20.000	0.000	4.000	1.210	1.200	69.000	105.3	80.2	6.2	4.6	196.3
MW-182 (04/16/93) PZ5649	8,995.3	55.920	1.550	3.880	2.380	4.940	50.820	1,073.4	1,567.3	634.9	720.3	3,995.9
MW-182 (05/26/93) PZ7302	2,272.6	3.580	1.900	3.380	2.730	4.960	60.120	362.3	695.3	617.6	407.3	2,082.5
MW-182 (06/24/93) PZ7769	10,246.2	13.320	7.110	15.320	8.130	31.620	158.190	1,426.6	1,508.1	1,603.6	344.9	4,883.2
MW-182 (08/03/93) PZ8269	14,378.8	18.950	7.740	15.620	9.170	32.000	220.080	193.1	431.6	386.2	194.7	1,205.6
MW-182 (08/26/93) PZ8824	8,400.9	0.140	0.060	9.690	5.960	19.940	142.620	2,031.0	2,166.5	1,107.1	913.2	6,217.7
MW-182 (10/11/93) PZ9631	20,849.7	113.180	7.500	20.270	10.800	26.490	306.020	1,677.5	61.2	284.2	213.5	2,236.4
MW-182 (11/22/93) APZ067	12,974.9	224.710	2.000	8.240	3.600	12.250	125.310	619.0	499.7	134.0	94.4	1,347.1
MW-182 (12/11/93) AP1303	7,538.4	34.870	2.460	4.840	3.110	7.370	86.690	329.3	736.1	124.3	110.0	1,299.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-183 (01/09/93) PZ3952	4,633.0	48.890	0.380	11.400	4.890	16.710	65.380	4.2	1.0	1.7	3.1	9.9
MW-183 (03/18/93) PZ4849	3,895.0	6.000	0.320	8.000	0.360	9.000	92.000	108.5	28.3	6.4	16.3	159.4
MW-183 (04/14/93) PZ4650	2,012.8	7.210	1.040	7.720	0.540	10.910	121.080	147.5	22.2	2.2	8.1	180.0
MW-183 (05/26/93) PZ7304	1,924.8	5.570	5.610	7.820	0.020	14.250	65.790	202.9	10.0	6.5	9.0	228.4
MW-183 (06/24/93) PZ7771	3,516.2	8.340	1.660	10.920	5.430	17.220	111.910	330.3	15.1	28.2	3.7	377.3
MW-183 (08/03/93) PZ8271	7,222.5	11.180	3.020	13.500	8.900	21.550	256.990	548.0	129.5	8.2	25.3	711.0
MW-183 (08/26/93) PZ8828	7,120.1	7.680	1.260	10.080	7.350	16.750	204.870	96.8	34.8	6.8	38.1	176.4
MW-183 (10/11/93) PZ9636	2,533.0	6.810	1.120	7.410	4.870	15.800	65.170	115.3	41.3	5.3	1.5	163.4
MW-183 (11/22/93) PZ9866	4,474.3	5.940	0.070	4.460	0.000	5.520	59.250	130.8	38.4	11.2	8.7	189.1
MW-183 (12/11/93) AP1307	1.0	0.010	0.010	1.440	0.010	5.570	27.940	38.3	28.9	5.8	13.8	86.8
MW-184 (03/18/93) PZ4853	15.0	1.000	0.040	1.000	0.060	0.120	0.000	5.2	3.6	1.0	3.6	13.4
MW-184 (04/14/93) PZ5654	1.8	0.130	0.010	0.500	0.010	0.070	0.160	3.5	1.7	0.0	0.2	5.4
MW-184 (05/26/93) PZ7307	1.5	0.110	0.010	0.450	0.010	0.100	0.310	0.5	0.1	0.2	0.1	0.9
MW-184 (06/24/93) PZ7774	7.6	0.050	0.010	0.090	0.000	0.030	0.100	1.1	0.3	0.3	0.4	2.1
MW-184 (08/04/93) PZ8274	25.7	0.210	0.140	0.330	0.010	0.090	0.390	4.7	2.3	0.1	3.6	10.7
MW-184 (08/26/93) PZ8831	2.8	0.060	0.030	0.230	0.000	0.050	0.170	0.4	0.0	0.1	0.6	1.1
MW-184 (10/08/93) PZ9639	1.5	0.040	0.010	0.360	0.010	0.150	1.190	2.5	0.4	0.2	0.4	3.5
MW-184 (11/22/93) PZ9869	3.0	0.260	0.010	1.030	0.000	0.500	1.600	6.7	0.6	0.5	0.5	8.3
MW-184 (12/11/93) AP1311	1.2	0.060	0.010	0.330	0.010	0.100	0.340	1.8	0.6	0.5	0.0	2.9
MW-185 (03/18/93) PZ4855	2.0	0.000	0.020	0.000	0.010	0.000	0.000	0.0	0.2	0.1	0.5	0.8
MW-185 (04/14/93) PZ5657	13.7	0.080	0.130	0.010	0.000	0.010	0.010	2.2	2.5	0.0	0.5	5.2
MW-185 (05/26/93) PZ7310	1.5	0.050	0.050	0.010	0.000	0.030	0.030	0.1	0.3	0.5	0.3	1.2
MW-185 (08/04/93) PZ8277	27.9	0.110	0.230	0.070	0.020	0.020	0.030	4.4	3.1	0.0	4.3	11.8
MW-185 (08/26/93) PZ8834	0.7	0.020	0.000	0.010	0.000	0.000	0.010	0.0	0.0	0.0	0.0	0.0
MW-185 (10/08/93) PZ9642	2.2	0.050	0.010	0.040	0.000	0.040	0.050	0.5	0.1	0.6	0.1	1.3
MW-185 (11/22/93) PZ9872	17.0	0.220	0.160	0.100	0.010	0.050	0.020	0.0	0.0	0.6	0.0	0.6
MW-185 (12/11/93) AP1314	1.1	0.020	0.010	0.040	0.010	0.010	0.010	0.3	0.4	1.0	0.0	1.7

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-186 (03/18/93) PZ4858	1,042.0	4.000	0.030	2.000	0.030	0.260	1.000	4.0	3.7	0.8	0.2	8.7
MW-186 (04/14/93) PZ5659	570.7	2.550	0.030	1.510	0.010	0.230	0.640	14.3	11.3	0.0	0.9	26.5
MW-186 (05/26/93) PZ7313	2.9	0.070	0.050	0.300	0.010	0.130	0.360	4.3	3.7	2.2	2.7	12.8
MW-186 (06/25/93) PZ7780	1.4	0.030	0.000	0.360	0.000	0.020	0.030	0.5	0.1	0.9	0.0	1.5
MW-186 (08/04/93) PZ8280	137.4	0.410	0.030	0.530	0.010	0.160	0.480	28.1	15.2	4.1	2.7	50.1
MW-186 (08/26/93) PZ8837	0.4	0.010	0.000	0.220	0.010	0.060	0.100	2.3	3.2	1.5	0.0	7.0
MW-186 (10/08/93) PZ9644	0.7	0.000	0.000	0.360	0.000	0.120	0.110	1.5	1.3	1.0	0.1	3.9
MW-186 (11/22/93) PZ9875	2.5	0.080	0.090	0.020	0.220	0.060	0.010	0.8	2.4	2.0	0.0	5.2
MW-186 (12/11/93) AP1317	0.8	0.010	0.010	0.100	0.010	0.250	0.330	12.0	4.9	1.7	0.0	18.6
MW-187 (03/18/93) PZ4861	164.0	4.000	0.110	3.000	0.370	2.030	7.000	9.8	7.8	3.9	0.1	21.6
MW-187 (04/14/93) PZ5663	1,852.1	32.580	1.390	2.050	1.430	1.300	6.490	9.0	11.3	8.3	0.0	28.6
MW-187 (05/26/93) PZ7316	579.9	24.200	0.820	0.980	0.010	0.710	3.530	12.9	8.8	4.9	0.1	26.7
MW-187 (06/24/93) PZ7783	1.2	0.380	0.040	0.980	0.000	1.630	5.220	29.3	0.7	6.9	0.4	37.2
MW-187 (08/03/93) PZ8283	308.9	9.460	0.020	1.290	0.000	1.820	5.020	11.5	14.8	10.0	3.8	40.1
MW-187 (08/26/93) PZ8840	1.1	0.490	0.000	0.690	0.010	1.450	2.880	7.0	9.1	5.0	0.0	21.1
MW-187 (10/11/93) PZ9648	872.8	19.130	0.350	1.860	0.000	1.800	4.400	10.1	8.5	3.9	0.1	22.6
MW-187 (11/22/93) PZ9878	428.5	16.880	11.730	6.210	0.010	4.300	13.790	17.2	13.1	1.3	0.0	31.6
MW-187 (12/11/93) AP1320	394.8	19.710	1.330	1.120	0.010	2.300	7.340	12.0	12.0	3.6	0.4	28.0
MW-188 (03/18/93) PZ4864	7,134.0	84.000	9.580	32.000	9.210	4.240	18.000	63.4	56.2	8.6	0.7	128.9
MW-188 (04/14/93) PZ5666	2,160.4	48.980	2.140	9.380	0.010	1.820	6.250	73.0	62.0	8.5	2.5	145.9
MW-188 (05/26/93) PZ7319	158.5	12.430	0.110	1.760	0.000	0.480	1.830	14.2	16.6	4.4	0.5	35.7
MW-188 (06/24/93) PZ7786	306.2	22.140	0.760	4.620	0.000	1.400	4.420	64.8	11.7	5.5	0.7	82.7
MW-188 (08/03/93) PZ8286	421.3	8.070	1.120	2.480	0.360	0.720	0.500	8.4	15.2	0.5	4.8	28.8
MW-188 (08/26/93) PZ8843	1,508.1	24.210	1.350	2.870	0.330	0.630	3.250	31.0	34.1	3.8	0.0	68.9
MW-188 (10/11/93) PZ9650	882.0	17.370	0.280	2.650	0.000	0.890	2.980	47.5	7.9	4.0	0.2	59.6
MW-188 (11/22/93) PZ9881	6,483.3	102.350	9.250	16.240	0.020	3.420	9.400	83.7	89.0	2.7	0.0	175.4
MW-188 (12/11/93) AP1324	1,386.1	27.610	3.070	3.240	0.680	0.910	3.200	14.3	18.7	7.9	6.3	47.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-189 (03/18/93) PZ4867	215.0	13.000	0.420	0.000	0.020	0.420	1.000	124.9	42.6	1.0	0.0	168.5
MW-189 (04/14/93) PZ5668	1,215.0	4.220	0.190	0.920	0.040	2.500	8.400	247.3	97.3	11.6	3.9	360.1
MW-189 (05/26/93) PZ7322	3.8	0.040	0.000	0.060	0.010	0.880	5.020	28.8	13.3	7.4	15.1	64.6
MW-189 (06/25/93) PZ7789	28.4	0.130	0.100	0.060	0.000	0.050	0.120	2.0	0.4	0.7	0.1	3.2
MW-189 (08/04/93) PZ8289	1,215.3	3.390	1.110	0.160	0.130	1.100	5.730	29.8	8.9	0.6	3.5	42.8
MW-189 (08/26/93) PZ8846	22,919.3	0.520	0.150	0.170	0.280	0.070	0.480	0.0	0.7	2.7	0.2	3.6
MW-189 (10/11/93) PZ9653	1.6	0.050	0.020	0.040	0.010	1.440	1.890	10.2	4.6	1.0	0.3	16.1
MW-189 (11/22/93) PZ9884	1,255.8	2.470	0.140	0.140	0.010	1.220	4.270	72.1	30.0	2.6	18.6	123.3
MW-189 (12/11/93) AP1327	1.2	0.050	0.040	0.090	0.060	0.300	0.730	4.3	1.1	0.6	0.0	6.0
MW-190 (03/18/93) PZ4870	12,427.0	34.000	1.670	21.000	2.340	58.540	225.000	303.8	39.4	25.9	39.5	408.6
MW-190 (04/14/93) PZ5672	13,808.8	30.250	1.330	15.330	1.800	45.210	205.020	281.9	90.6	32.9	69.5	474.8
MW-190 (05/26/93) PZ7325	3,368.2	2.240	0.490	0.950	0.190	2.500	9.910	10.5	2.0	0.0	0.0	12.5
MW-190 (08/26/93) PZ8849	190.1	0.720	0.030	0.150	0.030	0.910	2.520	36.5	15.0	0.3	0.6	52.4
MW-190 (10/11/93) PZ9657	25,353.4	0.390	0.090	0.140	0.120	0.020	0.040	0.0	0.0	0.2	0.0	0.2
MW-190 (12/11/93) AP1330	28,793.0	1.950	1.820	1.640	1.390	0.130	0.480	1.6	0.9	11.1	27.5	41.1
MW-191 (03/18/93) PZ4874	6,054.0	0.000	0.050	0.000	0.020	0.130	1.000	0.2	1.1	0.0	0.0	1.3
MW-191 (04/17/93) PZ5674	5,874.9	0.280	0.000	0.130	0.040	0.140	0.690	0.8	7.8	1.4	0.0	9.9
MW-191 (05/26/93) PZ7328	1.1	0.010	0.000	0.010	0.000	0.040	0.040	0.4	0.1	1.1	1.2	2.8
MW-191 (06/24/93) PZ7795	960.7	0.120	0.060	0.110	0.040	0.090	0.310	1.8	1.7	1.7	0.3	5.5
MW-191 (08/03/93) PZ8295	3,191.3	0.200	0.030	0.080	0.020	0.080	0.660	1.8	1.7	1.0	3.5	8.0
MW-191 (08/26/93) PZ8852	6,446.7	0.220	0.020	0.060	0.020	0.060	0.300	0.3	2.4	0.0	0.0	2.6
MW-191 (10/11/93) PZ9659	0.8	0.040	0.020	0.010	0.000	0.110	0.200	0.4	1.2	0.6	0.0	2.2
MW-191 (11/22/93) PZ9890	35.1	0.230	0.220	0.100	0.020	0.120	0.150	0.0	0.2	0.5	0.0	0.7
MW-191 (12/11/93) AP1333	0.7	0.030	0.050	0.010	0.450	0.020	0.010	0.7	1.4	1.0	2.4	5.5
MW-192 (03/18/93) PZ4877	6,171.0	24.000	0.510	3.000	0.610	1.280	1.000	0.0	0.6	0.0	0.0	0.6
MW-192 (04/14/93) PZ5678	4,512.6	24.190	0.000	8.270	0.290	1.200	4.170	8.4	3.9	0.0	1.4	13.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-193 (03/18/93) PZ4879	19.0	4.000	0.440	0.000	0.050	0.030	0.000	0.1	0.1	0.1	0.0	0.3
MW-193 (04/14/93) PZ5681	8.1	0.060	0.020	0.050	0.010	0.020	0.010	3.7	4.3	0.0	1.0	9.0
MW-193 (05/26/93) PZ7331	1.0	0.030	0.010	0.010	0.000	0.030	0.030	0.3	0.1	0.4	0.0	0.8
MW-193 (06/24/93) PZ7798	6.4	0.020	0.060	0.030	0.010	0.010	0.010	0.5	0.1	0.2	0.1	0.9
MW-193 (08/03/93) PZ8298	4.9	0.080	0.090	0.040	0.010	0.010	0.020	3.0	1.9	0.1	3.6	8.6
MW-193 (08/26/93) PZ8855	0.7	0.010	0.000	0.020	0.010	0.010	0.000	0.0	0.0	0.0	0.0	0.0
MW-193 (10/08/93) PZ9662	26.3	0.010	0.020	0.020	0.000	0.020	0.010	0.0	0.1	0.2	0.0	0.3
MW-193 (11/22/93) PZ9893	13.2	0.060	0.020	0.070	0.030	0.060	0.070	0.0	0.0	0.9	0.0	0.9
MW-193 (12/11/93) AP1336	1.1	0.070	0.060	0.030	0.130	0.020	0.010	0.7	1.6	1.3	0.1	3.6
MW-194 (03/18/93) PZ4882	10.0	0.000	0.060	0.000	0.040	0.030	0.000	0.0	0.0	0.0	0.0	0.0
MW-194 (04/14/93) PZ5683	5.7	0.120	0.090	0.100	0.010	0.030	0.090	2.9	3.2	0.2	0.2	6.5
MW-194 (05/26/93) PZ7334	0.5	0.010	0.010	0.040	0.000	0.020	0.010	0.0	0.5	0.1	0.4	1.0
MW-194 (06/24/93) PZ7801	3.2	0.040	0.000	0.040	0.000	0.020	0.010	0.6	0.1	0.3	0.1	1.0
MW-194 (08/03/93) PZ8301	19.4	0.150	0.120	0.090	0.010	0.040	0.030	2.9	1.8	0.0	8.9	13.6
MW-194 (08/26/93) PZ8858	0.6	0.020	0.000	0.040	0.010	0.010	0.000	0.1	0.1	0.1	0.0	0.3
MW-194 (10/08/93) PZ9665	1.7	0.030	0.000	0.040	0.010	0.030	0.020	0.6	0.2	0.1	0.0	0.9
MW-194 (11/22/93) PZ9896	7.7	0.050	0.010	0.070	0.030	0.060	0.020	0.3	0.5	0.3	0.0	1.1
MW-194 (12/11/93) AP1339	0.7	0.020	0.010	0.030	0.000	0.660	1.290	11.2	4.8	0.4	0.0	16.4
MW-195 (03/18/93) PZ4885	3.0	0.000	0.060	0.000	0.040	0.040	0.000	0.1	0.1	0.6	0.0	0.8
MW-195 (04/14/93) PZ5687	13.4	0.160	0.080	0.210	0.010	0.030	0.040	5.0	4.6	0.3	1.7	11.6
MW-195 (05/26/93) PZ7337	2.9	0.080	0.080	0.150	0.000	0.030	0.020	0.0	0.0	0.2	0.0	0.2
MW-195 (06/24/93) PZ7804	15.5	0.080	0.090	0.160	0.040	0.390	1.030	29.6	3.0	15.8	9.0	57.4
MW-195 (08/03/93) PZ8304	0.9	0.130	0.050	0.200	0.010	0.020	0.030	2.7	1.6	0.0	2.1	6.4
MW-195 (08/26/93) PZ8861	5.0	0.070	0.050	0.090	0.030	0.010	0.020	0.0	0.0	0.1	0.0	0.1
MW-195 (11/22/93) PZ9899	4.9	0.060	0.180	0.070	0.040	0.070	0.060	0.0	0.0	0.7	0.0	0.7
MW-195 (12/11/93) AP1342	0.8	0.010	0.010	0.040	0.020	0.010	0.010	0.2	0.5	0.7	0.0	1.4

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-196 (03/18/93) PZ4888	10.0	0.000	0.010	0.000	0.010	0.030	0.000	0.0	0.0	0.0	0.0	0.0
MW-196 (04/14/93) PZ5689	6.5	0.100	0.040	0.080	0.010	0.020	0.020	2.1	2.0	0.0	0.7	4.7
MW-196 (05/26/93) PZ7340	1.4	0.050	0.050	0.040	0.000	0.020	0.010	0.1	0.2	0.3	0.2	0.7
MW-196 (08/26/93) PZ8864	5.2	0.020	0.000	0.010	0.000	0.010	0.010	0.0	0.0	0.0	0.0	0.0
MW-196 (10/08/93) PZ9672	3.3	0.040	0.030	0.020	0.000	0.020	0.010	0.0	0.0	0.4	0.0	0.3
MW-196 (11/22/93) PZ9902	2.5	0.010	0.010	0.030	0.010	0.090	0.020	0.2	0.3	0.5	0.0	1.0
MW-196 (12/11/93) AP1345	0.7	0.010	0.010	0.010	0.010	0.010	0.010	0.2	0.4	1.0	1.2	2.8
MW-198 (03/18/93) PZ5016	5,877.0	2.000	0.340	0.000	0.200	0.180	0.000	62.1	317.6	64.7	502.8	947.2
MW-198 (06/24/93) PZ7807	4,633.5	2.890	0.290	0.160	0.110	0.060	0.440	40.5	206.5	504.1	265.3	1,016.4
MW-198 (08/03/93) PZ8307	6,582.6	1.710	0.210	0.180	0.120	0.130	0.420	31.3	51.2	7.2	9.2	98.9
MW-198 (08/25/93) PZ8867	5,067.7	2.270	0.240	0.100	0.070	0.030	0.180	163.4	645.7	763.2	897.7	2,470.0
MW-198 (10/07/93) PZ9675	3,701.0	6.760	0.160	0.290	0.160	0.120	0.150	136.3	63.3	319.4	130.3	649.3
MW-198 (11/22/93) PZ9926	14,565.0	3.170	0.360	0.420	0.410	0.170	0.430	15.0	73.0	38.7	29.7	156.4
MW-198 (12/11/93) AP1348	8,086.2	4.280	0.230	0.040	0.010	0.010	0.010	3.1	0.6	13.3	38.9	55.9
MW-199 (03/18/93) PZ5019	15,067.0	47.000	26.150	11.000	19.770	0.960	1.000	283.5	1,295.6	3,475.4	3,577.4	8,631.9
MW-199 (04/16/93) PZ5695	17,694.2	39.100	21.410	10.210	18.010	0.410	1.190	188.8	370.3	46.8	49.5	655.4
MW-199 (05/26/93) PZ7343	1,768.7	4.420	2.520	0.740	2.960	0.080	0.100	69.9	387.8	69.6	64.2	591.5
MW-199 (06/24/93) PZ7809	8,172.7	15.300	1.870	2.830	5.050	0.510	2.030	978.8	152.8	151.9	184.5	1,467.9
MW-199 (08/03/93) PZ8309	10,965.2	12.030	0.540	2.000	4.270	0.170	0.450	344.6	908.2	353.8	116.3	1,722.9
MW-199 (08/25/93) PZ8871	15,810.7	14.340	0.520	3.390	3.600	0.320	0.840	142.1	341.3	14.5	10.4	508.3
MW-199 (10/07/93) PZ9678	13,111.0	11.010	0.460	1.990	2.630	0.400	0.290	628.3	40.1	9.7	5.0	683.1
MW-199 (11/22/93) PZ9914	18,418.9	5.840	0.000	1.440	1.720	0.170	0.290	335.6	298.3	4.5	3.7	642.1
MW-199 (12/11/93) AP1352	3,094.9	2.200	0.180	0.560	0.560	0.060	0.120	232.0	326.1	6.3	3.3	567.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-200 (03/18/93) PZ5022	1,262.0	4.000	0.950	1.000	1.190	0.150	2.000	1,568.2	2,674.0	1,935.0	2,684.9	8,862.0
MW-200 (04/14/93) PZ5697	854.0	1.980	0.580	0.720	0.560	0.260	1.240	646.0	1,472.3	571.2	692.5	3,382.0
MW-200 (05/26/93) PZ7344	179.8	0.680	0.290	0.150	0.270	0.060	0.160	301.7	10.0	32.7	27.8	372.0
MW-200 (06/24/93) PZ7811	3,399.7	1.130	0.590	0.290	0.870	0.240	6.150	871.6	1,259.9	337.2	234.4	2,703.1
MW-200 (08/03/93) PZ8311	6,369.3	3.220	1.570	0.730	1.270	0.250	3.960	596.0	1,187.8	504.7	267.4	2,555.9
MW-200 (08/25/93) PZ8875	9,000.1	2.900	1.150	0.750	0.850	0.060	2.260	256.2	557.1	74.1	88.2	975.6
MW-200 (10/07/93) PZ9683	12,852.1	3.500	0.400	0.720	0.380	0.220	1.400	374.9	417.2	73.1	30.8	896.0
MW-200 (11/22/93) PZ9911	4,744.3	2.730	0.360	0.430	0.420	0.190	2.670	565.2	1,029.2	66.5	19.6	1,680.5
MW-200 (12/11/93) AP1356	3,979.3	2.240	0.250	0.240	0.240	0.030	0.870	218.8	365.5	21.3	24.9	630.5
MW-201 (03/18/93) PZ4891	6,224.0	16.000	1.710	1.000	0.740	0.200	1.000	4.5	8.2	2.5	0.0	15.1
MW-201 (04/14/93) PZ5699	5,078.0	7.030	0.000	0.790	0.030	0.150	0.540	15.5	10.0	6.4	0.0	31.9
MW-201 (05/26/93) PZ7346	3,675.3	9.550	0.970	0.640	0.020	0.190	0.460	5.8	6.7	7.5	1.4	21.2
MW-201 (06/24/93) PZ7813	3,252.8	9.450	0.220	0.410	0.120	0.140	0.520	11.3	13.8	12.4	2.6	40.1
MW-201 (08/03/93) PZ8313	6,950.6	9.270	0.120	0.440	0.100	0.140	0.620	6.3	15.7	10.2	0.5	32.7
MW-201 (08/25/93) PZ8879	6,295.9	7.520	0.090	0.410	0.070	0.120	0.400	11.5	11.2	7.7	1.9	32.3
MW-201 (10/07/93) PZ9687	1,650.5	4.060	0.160	0.230	0.030	0.110	0.210	8.0	0.8	3.5	0.4	12.7
MW-201 (11/22/93) PZ9905	8,118.3	17.830	0.210	0.730	0.110	0.370	0.740	7.3	5.9	4.1	1.9	19.1
MW-201 (12/11/93) AP1360	2.3	2.020	0.020	0.380	0.010	0.130	0.130	4.0	2.1	3.1	0.4	9.6
MW-202 (03/18/93) PZ4894	2.0	0.000	0.020	0.000	0.020	0.020	0.000	0.0	0.0	0.4	0.0	0.3
MW-202 (04/14/93) PZ5701	2.3	0.030	0.010	0.040	0.000	0.020	0.020	3.3	1.7	0.0	0.2	5.2
MW-202 (05/26/93) PZ7349	648.0	0.260	0.050	0.050	0.010	0.040	0.040	1.2	1.2	0.6	0.2	3.2
MW-202 (06/24/93) PZ7816	1.3	0.010	0.000	0.030	0.000	0.060	0.230	2.9	1.7	1.4	1.5	7.5
MW-202 (08/03/93) PZ8316	692.8	0.070	8.050	0.030	0.000	0.020	0.040	1.6	2.3	0.3	3.2	7.4
MW-202 (08/25/93) PZ8882	1.7	0.020	0.020	0.010	0.000	0.010	0.010	0.1	0.0	0.1	0.2	0.3
MW-202 (10/07/93) PZ9689	83.1	0.020	0.400	0.010	0.000	0.030	0.010	0.1	0.0	0.4	0.0	0.5
MW-202 (11/22/93) PZ9908	98.2	0.070	0.010	0.040	0.010	0.070	0.030	0.0	0.0	0.5	0.0	0.5
MW-202 (12/11/93) AP1363	0.8	0.010	0.010	0.010	0.010	0.010	0.010	0.2	0.4	0.9	0.0	1.5

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
MW-203 (03/20/93) PZ5024	10,356.0	4.000	1.870	4.000	0.110	49.830	224.000	1,213.3	3,567.4	1,347.1	657.9	6,785.7
MW-203 (04/16/93) PZ5705	9,219.5	11.850	1.970	1.400	0.170	41.700	271.540	2,484.9	3,897.8	3,875.6	3,186.5	13,444.8
MW-203 (05/26/93) PZ7351	2,161.0	3.230	1.040	0.280	0.240	5.670	64.830	79.3	609.5	645.8	328.7	1,663.3
MW-203 (06/25/93) PZ7819	8,488.0	11.620	2.470	1.170	0.480	39.720	255.790	4,240.3	92.2	1,719.1	1,461.4	7,512.9
MW-203 (08/03/93) PZ8319	14,586.4	14.970	2.240	1.170	0.500	34.450	241.160	230.1	495.2	564.0	617.4	1,906.7
MW-203 (08/26/93) PZ8885	10,103.1	18.990	3.600	1.300	0.640	39.350	278.150	2,525.1	2,195.9	1,255.9	765.9	6,742.8
MW-203 (10/11/93) PZ9693	32,591.7	54.720	5.890	0.790	0.490	0.320	2.290	1,486.7	2,475.8	1,576.7	1,060.3	6,599.5
MW-203 (11/22/93) APZ071	8,640.4	14.690	1.930	5.090	0.550	113.890	627.410	10,241.4	4,737.8	2,313.0	907.6	18,199.8
MW-203 (12/11/93) AP1366	5,951.0	5.070	0.730	1.670	0.330	37.360	109.940	840.5	918.6	142.6	269.3	2,170.8
MW-204 (03/20/93) PZ5027	5,854.0	4.000	0.940	0.000	0.180	1.650	1.000	119.4	273.6	62.1	388.9	844.0
MW-204 (04/14/93) PZ5707	7,510.8	19.360	2.070	1.670	0.420	0.140	0.650	244.0	851.3	438.5	1,178.3	2,712.1
MW-204 (05/26/93) PZ7352	2,274.6	4.290	0.780	0.270	0.180	0.060	0.280	118.1	491.5	49.9	134.0	793.5
MW-204 (06/24/93) PZ7821	14,204.9	23.700	0.950	1.350	0.570	0.230	2.190	335.7	801.3	125.4	401.4	1,663.8
MW-204 (08/03/93) PZ8320	21,363.5	26.150	1.090	1.350	0.680	0.420	1.860	323.9	739.6	215.6	173.0	1,452.1
MW-204 (08/25/93) PZ8889	17,869.0	29.330	0.000	1.050	0.390	0.140	1.200	161.0	355.9	11.0	126.1	654.0
MW-204 (10/07/93) PZ9697	12,960.1	21.890	2.470	1.830	0.650	50.100	293.270	4,185.0	42.0	1,116.9	503.9	5,847.8
MW-204 (11/22/93) PZ9917	30,860.1	22.200	3.200	2.470	0.650	0.190	1.180	953.7	1,463.0	732.6	454.0	3,603.3
MW-204 (12/11/93) AP1370	12,495.1	25.660	4.070	0.330	0.290	0.180	1.670	2,631.7	4,058.8	1,562.0	561.9	8,814.4
RW-3001 (10/08/93) PZ9701	1,599.0	6.990	0.360	3.370	0.490	26.750	121.190	439.4	538.0	300.1	347.1	1,624.6
RW-3001 (11/22/93) APZ074	2,539.5	7.380	0.280	1.110	0.120	10.640	44.230	171.8	148.8	19.2	27.4	367.2
RW-3001 (12/11/93) AP1374	1,367.0	2.940	0.080	0.420	0.030	4.010	13.860	9.6	6.4	1.5	0.6	18.1
RW-3002 (10/08/93) PZ9704	2,822.8	6.660	0.560	2.000	0.490	16.090	92.200	41.9	10.9	4.4	2.5	59.7
RW-3002 (11/22/93) APZ076	5,625.9	6.900	0.000	0.580	0.090	3.920	28.650	117.4	35.0	4.9	9.9	167.2
RW-3002 (12/11/93) AP1378	3,453.1	0.650	0.000	0.020	0.010	0.510	0.150	3.3	0.0	1.9	0.2	5.4
RW-3003 (10/08/93) PZ9709	2,826.2	2.080	0.060	1.010	0.060	8.640	13.300	21.1	0.9	2.8	0.2	25.0
RW-3003 (11/22/93) APZ080	1,104.5	0.960	0.000	0.260	0.030	0.500	2.410	8.4	3.7	1.4	0.0	13.3
RW-3003 (12/11/93) AP1382	6.6	0.050	0.010	0.020	0.010	0.040	0.060	0.9	0.8	2.5	0.0	4.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
RW-4001 (10/08/93) PZ9713	399.6	2.360	0.210	1.100	0.060	12.400	33.800	138.8	15.6	3.7	0.6	158.7
RW-4001 (11/22/93) APZ092	539.4	1.400	0.040	0.290	0.050	3.830	11.620	59.6	37.5	12.5	3.8	113.4
RW-4001 (12/11/93) AP1386	1.9	0.050	0.010	0.010	0.010	0.050	0.090	1.0	0.5	0.8	0.6	2.8
RW-4002 (10/08/93) PZ9716	849.8	2.020	6.210	0.640	0.010	7.970	4.950	7.9	0.4	2.2	0.1	10.5
RW-4002 (11/22/93) APZ089	1,900.5	2.080	0.110	0.520	0.160	7.470	25.620	10.4	6.9	2.9	0.0	20.2
RW-4002 (12/11/93) AP1390	839.0	0.030	0.010	0.010	0.020	0.110	0.020	0.2	0.4	0.7	1.8	3.1
RW-4003 (10/08/93) PZ9721	1,399.8	4.010	0.110	0.740	0.040	5.180	6.520	7.6	0.2	1.6	0.1	9.5
RW-4003 (11/22/93) APZ086	3,077.0	21.470	24.020	1.400	0.050	13.300	36.580	100.1	47.7	6.3	0.4	154.5
RW-4003 (12/11/93) AP1394	1.6	0.030	0.010	0.010	0.010	0.100	0.040	0.6	0.2	0.9	0.6	2.2
RW-4004 (10/08/93) PZ9724	1,416.0	0.940	0.020	0.030	0.010	0.300	0.050	0.0	0.1	1.4	0.0	1.5
RW-4004 (11/22/93) APZ083	2,160.5	2.540	0.060	0.280	0.020	1.060	3.430	18.3	9.4	5.0	0.6	33.3
RW-4004 (12/11/93) AP1398	1.8	0.040	0.020	0.020	0.000	0.040	0.020	0.5	0.5	0.6	0.0	1.6
WW- 1 (01/14/93) PZ4086	3.6	0.030	0.010	0.040	0.020	0.020	0.050	0.0	0.0	0.0	0.0	0.0
WW- 1 (03/20/93) PZ5035	2.0	0.000	0.000	0.000	0.000	0.000	0.000	0.5	0.6	0.4	0.0	1.5
WW- 1 (04/12/93) PZ5409	3.9	0.020	0.010	0.010	0.010	0.010	0.020	2.5	0.1	0.0	0.0	2.6
WW- 2 (01/14/93) PZ4089	6.5	0.080	0.020	0.050	0.030	0.060	0.080	0.0	0.3	0.0	0.0	0.3
WW- 2 (03/20/93) PZ5036	1.0	0.000	0.000	0.000	0.010	0.290	0.000	0.1	0.2	0.2	0.0	0.5
WW- 2 (04/17/93) PZ5717	2.3	0.030	0.010	0.010	0.010	0.010	0.010	3.4	1.7	0.0	0.0	5.1
WW- 2 (05/28/93) PZ7366	1.5	0.020	0.000	0.010	0.020	0.020	0.010	0.9	0.2	0.0	0.0	1.0
WW- 2 (06/26/93) PZ7829	2.4	0.010	0.020	0.010	0.000	0.000	0.000	0.6	0.1	0.0	0.2	0.9
WW- 2 (08/06/93) PZ8347	3.6	0.040	0.020	0.020	0.010	0.020	0.010	0.1	0.0	0.1	0.0	0.2
WW- 2 (08/28/93) PZ8892	5.4	0.040	0.020	0.010	0.000	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW- 2 (10/15/93) PZ9729	1.2	0.010	0.010	0.010	0.010	0.010	0.040	0.3	0.6	1.0	0.1	1.9
WW- 2 (12/11/93) AP1402	1.5	0.020	0.010	0.010	0.010	0.010	0.120	0.2	0.4	0.3	0.2	1.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW- 3 (01/14/93) PZ4092	31.1	0.310	0.010	0.170	0.010	0.030	0.090	0.0	0.0	0.2	0.0	0.2
WW- 3 (03/20/93) PZ5041	2.0	0.000	0.010	0.000	0.000	0.000	0.000	0.0	0.5	0.0	0.0	0.5
WW- 3 (04/12/93) PZ5429	1,467.2	0.520	0.230	0.550	0.100	0.060	0.060	1.0	0.2	0.0	0.0	1.2
WW- 3 (05/28/93) PZ7368	109.1	0.410	0.110	0.150	0.030	0.020	0.040	0.6	0.2	0.0	0.3	1.1
WW- 4 (01/14/93) PZ4095	1.8	0.030	0.000	0.030	0.020	0.020	0.040	0.0	0.0	0.1	0.0	0.1
WW- 4 (04/12/93) PZ5411	2.4	0.040	0.010	0.020	0.020	0.010	0.020	4.3	0.2	0.0	0.0	4.4
WW- 4 (05/28/93) PZ7370	0.9	0.020	0.020	0.010	0.000	0.010	0.000	0.8	0.3	0.0	0.4	1.5
WW- 4 (06/26/93) PZ7833	2.0	0.100	0.010	0.010	0.000	0.040	0.000	1.2	0.3	0.8	0.3	2.6
WW- 4 (08/06/93) PZ8349	1.1	0.020	0.010	0.010	0.010	0.010	0.000	0.1	0.1	0.2	0.0	0.3
WW- 4 (08/28/93) PZ8896	1.3	0.020	0.010	0.020	0.010	0.010	0.010	0.0	0.0	0.1	0.0	0.1
WW- 4 (10/15/93) PZ9732	1.6	0.050	0.030	0.010	0.000	0.000	0.010	0.0	0.0	0.5	0.0	0.5
WW- 4 (12/11/93) AP1404	3.9	0.030	0.020	0.020	0.010	0.010	0.010	0.2	0.5	0.4	0.2	1.3
WW- 5 (01/14/93) PZ4098	11.4	0.060	0.010	0.030	0.030	0.010	0.030	0.0	0.0	0.2	0.0	0.2
WW- 5 (03/20/93) PZ5043	3.0	0.000	0.010	0.000	0.060	0.010	0.000	0.0	0.1	0.2	0.0	0.3
WW- 5 (04/12/93) PZ5433	3.1	0.030	0.010	0.030	0.020	0.010	0.020	3.1	0.2	0.0	0.0	3.3
WW- 5 (05/28/93) PZ7372	1.2	0.010	0.020	0.010	0.000	0.010	0.000	0.6	0.2	0.3	0.0	1.1
WW- 5 (06/26/93) PZ7835	3.3	0.080	0.060	0.010	0.020	0.010	0.010	0.5	0.6	0.1	0.6	1.8
WW- 5 (08/28/93) PZ8898	2.7	0.030	0.020	0.010	0.010	0.010	0.020	0.0	0.0	0.1	0.0	0.1
WW- 6 (01/14/93) PZ4101	8.0	0.040	0.010	0.040	0.040	0.030	0.040	0.0	0.0	0.4	0.0	0.3
WW- 6 (03/20/93) PZ5045	22.0	0.000	0.010	0.000	0.040	0.010	0.000	0.0	0.6	0.9	0.0	1.5
WW- 6 (04/12/93) PZ5435	9.0	0.060	0.040	0.020	0.020	0.010	0.020	3.3	0.6	0.0	0.0	3.8
WW- 6 (05/28/93) PZ7374	1.4	0.020	0.010	0.010	0.010	0.010	0.000	0.9	0.1	0.5	0.2	1.5
WW- 6 (08/28/93) PZ8901	10.8	0.020	0.000	0.020	0.020	0.010	0.010	0.0	0.0	0.0	0.2	0.2
WW- 6 (10/15/93) PZ9736	2.1	0.040	0.040	0.010	0.010	0.010	0.010	0.0	0.0	0.4	0.0	0.3
WW- 6 (12/11/93) AP1408	2.4	0.030	0.010	0.020	0.020	0.000	0.010	0.1	0.4	0.4	0.1	1.0

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW- 7 (01/14/93) PZ4104	2.7	0.060	0.010	0.020	0.010	0.020	0.040	0.0	0.3	0.5	0.0	0.8
WW- 7 (03/20/93) PZ5047	1.0	0.000	0.000	0.000	0.010	0.000	0.000	0.0	0.2	0.3	0.0	0.5
WW- 7 (04/12/93) PZ5413	1.6	0.020	0.010	0.020	0.020	0.010	0.020	3.6	0.6	0.0	0.0	4.2
WW- 7 (05/28/93) PZ7376	1.1	0.010	0.020	0.000	0.010	0.020	0.010	0.3	0.4	0.1	0.2	1.0
WW- 7 (06/26/93) PZ7839	1.5	0.020	0.030	0.010	0.010	0.010	0.000	1.2	0.5	0.0	0.2	1.8
WW- 7 (08/06/93) PZ8355	1.1	0.030	0.020	0.010	0.020	0.020	0.010	0.0	0.0	0.1	0.0	0.1
WW- 7 (08/28/93) PZ8903	1.9	0.030	0.010	0.010	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0
WW- 7 (10/15/93) PZ9738	5.8	0.010	0.000	0.010	0.000	0.000	0.010	0.1	0.2	0.2	0.2	0.7
WW- 7 (12/11/93) AP1410	1.0	0.020	0.020	0.010	0.020	0.000	0.010	0.3	0.8	0.6	0.0	1.6
WW- 8 (01/14/93) PZ4107	1.7	0.020	0.010	0.030	0.010	0.090	0.540	0.0	0.2	0.7	0.0	0.9
WW- 8 (03/20/93) PZ5049	3.0	0.000	0.010	0.000	0.030	0.050	1.000	0.4	0.0	0.8	0.0	1.2
WW- 8 (04/12/93) PZ5415	514.2	0.350	0.160	0.120	0.020	0.020	0.240	4.2	0.7	0.1	0.0	5.0
WW- 8 (05/28/93) PZ7378	135.1	0.090	0.000	0.080	0.000	0.020	0.130	0.5	0.2	0.1	0.2	1.0
WW- 8 (06/26/93) PZ7841	1.6	0.020	0.000	0.080	0.120	0.020	0.160	0.7	0.3	0.1	0.3	1.4
WW- 8 (08/06/93) PZ8357	659.3	0.190	0.120	0.120	0.020	0.040	0.110	0.5	0.1	0.2	0.0	0.8
WW- 8 (08/28/93) PZ8905	1.1	0.010	0.000	0.100	0.000	0.030	0.170	0.8	0.3	0.2	0.0	1.3
WW- 8 (12/11/93) AP1412	0.9	0.010	0.000	0.140	0.010	0.010	0.150	0.2	0.5	0.5	0.1	1.3
WW- 9 (03/20/93) PZ5051	9.0	0.000	0.000	0.000	0.010	0.000	0.000	0.0	0.2	0.2	0.0	0.4
WW- 9 (05/28/93) PZ7380	11.8	0.040	0.130	0.020	0.030	0.020	0.010	0.2	1.5	0.1	53.1	54.8
WW- 9 (06/26/93) PZ7843	8.6	0.060	0.070	0.010	0.010	0.000	0.000	0.9	0.4	0.1	0.0	1.4
WW A- 1 (03/20/93) PZ5081	8.0	0.000	0.010	0.000	0.000	0.010	0.000	0.0	0.5	0.2	0.0	0.7
WW A- 1 (04/12/93) PZ5463	21.0	0.190	0.030	0.070	0.010	0.040	0.140	5.6	1.2	0.0	0.0	6.8
WW A- 1 (05/28/93) PZ7404	3.7	0.070	0.030	0.010	0.000	0.030	0.010	1.1	0.1	0.2	0.3	1.7
WW A- 1 (06/26/93) PZ7867	14.5	0.190	0.000	0.040	0.010	0.040	0.100	1.0	0.2	0.0	0.4	1.5
WW A- 1 (08/06/93) PZ8383	19.9	0.430	0.040	0.080	0.010	0.040	0.220	0.3	0.3	0.2	0.0	0.7
WW A- 1 (08/28/93) PZ8933	21.2	0.490	0.170	0.070	0.010	0.110	0.470	0.3	0.2	0.8	2.0	3.3
WW A- 1 (10/15/93) PZ9765	2.6	0.180	0.040	0.030	0.000	0.020	0.030	0.2	0.2	0.4	0.0	0.7
WW A- 1 (12/11/93) AP1438	1.5	0.290	0.020	0.010	0.050	0.040	0.010	0.6	1.2	0.4	0.0	2.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW A- 4 (03/20/93) PZ5083	170.0	0.000	0.010	0.000	0.010	0.010	0.000	0.3	0.4	0.5	0.1	1.3
WW A- 4 (04/17/93) PZ5757	4.0	0.040	0.010	0.030	0.010	0.020	0.020	3.3	3.1	0.1	0.4	6.9
WW A- 4 (05/28/93) PZ7406	1.0	0.020	0.010	0.010	0.000	0.010	0.010	0.4	0.4	0.2	0.4	1.4
WW A- 4 (06/26/93) PZ7869	1.1	0.020	0.010	0.000	0.010	0.000	0.000	0.4	0.2	0.0	0.1	0.7
WW A- 4 (08/06/93) PZ8385	43.0	0.030	0.000	0.010	0.010	0.010	0.010	0.1	0.0	0.2	0.0	0.3
WW A- 4 (08/28/93) PZ8937	1.6	0.020	0.010	0.020	0.010	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW A- 4 (10/15/93) PZ9768	3.0	0.020	0.010	0.010	0.010	0.010	0.010	0.9	0.1	0.7	0.6	2.3
WW A- 4 (12/11/93) AP1440	1.1	0.020	0.030	0.010	0.060	0.010	0.010	0.2	1.0	0.4	0.0	1.6
WW A- 6 (03/20/93) PZ5085	2.0	0.000	0.010	0.000	0.020	0.030	0.000	0.0	0.0	0.7	0.0	0.7
WW A- 6 (04/12/93) PZ5453	4.2	0.020	0.020	0.030	0.010	0.010	0.030	5.3	1.2	0.0	0.0	6.5
WW A- 6 (05/28/93) PZ7408	2.5	0.030	0.000	0.010	0.020	0.020	0.020	0.9	0.2	0.7	0.2	2.0
WW A- 6 (06/26/93) PZ7871	0.6	0.040	0.020	0.060	0.010	0.010	0.020	0.9	0.3	0.0	0.2	1.3
WW A- 6 (08/06/93) PZ8387	1.7	0.270	0.060	0.220	0.050	0.040	0.100	0.1	0.0	0.2	0.0	0.3
WW A- 6 (08/28/93) PZ8939	2.8	0.020	0.010	0.010	0.000	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW A- 6 (10/15/93) PZ9770	0.7	0.050	0.030	0.020	0.000	0.010	0.020	0.0	0.0	0.4	0.0	0.4
WW A- 6 (12/11/93) AP1442	0.8	0.030	0.060	0.010	0.110	0.010	0.010	0.6	1.5	1.2	3.0	6.3
WW A- 9 (03/20/93) PZ5087	0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.2	0.2	0.0	0.3
WW A- 9 (04/12/93) PZ5455	4.4	0.040	0.040	0.030	0.010	0.010	0.020	7.1	1.2	0.0	0.0	8.3
WW A- 9 (05/28/93) PZ7410	1.9	0.020	0.010	0.010	0.010	0.020	0.020	1.0	0.3	0.0	0.6	1.8
WW A- 9 (06/26/93) PZ7873	1.4	0.020	0.030	0.000	0.020	0.030	0.010	0.7	0.4	0.0	0.1	1.1
WW A- 9 (08/06/93) PZ8389	1.0	0.040	0.030	0.010	0.010	0.010	0.000	0.1	0.0	0.2	0.0	0.3
WW A- 9 (08/28/93) PZ8941	1.1	0.010	0.000	0.010	0.020	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW A- 9 (10/15/93) PZ9772	0.9	0.010	0.010	0.010	0.000	0.010	0.010	0.2	0.6	1.5	0.4	2.7
WW A- 9 (12/11/93) AP1444	0.9	0.030	0.040	0.010	0.250	0.010	0.010	0.7	1.4	1.1	2.4	5.6

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW A-11 (03/20/93) PZ5091	11.0	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.1	0.2	0.0	0.3
WW A-11 (04/12/93) PZ5457	33.6	0.030	0.230	0.030	0.010	0.010	0.020	6.6	1.2	0.0	0.0	7.8
WW A-11 (05/28/93) PZ7412	5.2	0.030	0.010	0.020	0.020	0.010	0.020	0.6	0.1	0.3	0.1	1.1
WW A-11 (08/06/93) PZ8391	114.8	0.240	0.000	0.030	0.010	0.040	0.140	1.1	0.6	0.5	0.2	2.4
WW A-11 (08/28/93) PZ8942	360.7	0.590	2.330	0.030	0.010	0.010	0.010	0.1	0.0	0.2	0.0	0.3
WW A-11 (10/15/93) PZ9774	0.4	0.020	0.010	0.130	0.020	0.010	0.020	0.1	0.0	0.5	0.0	0.6
WW A-11 (12/11/93) AP1446	0.6	0.020	0.040	0.010	0.110	0.020	0.010	1.0	1.7	1.7	2.7	7.1
WW A-13 (03/20/93) PZ5093	3.0	0.000	0.010	0.000	0.000	0.000	0.000	0.0	0.2	0.0	0.0	0.2
WW A-13 (04/12/93) PZ5459	4.7	0.030	0.020	0.020	0.020	0.020	0.030	5.4	1.1	0.0	0.0	6.5
WW A-13 (08/06/93) PZ8393	7.3	0.490	0.060	0.070	0.010	0.050	0.100	0.7	0.0	0.2	0.0	0.9
WW A-13 (08/28/93) PZ8945	1.8	0.280	0.090	0.050	0.000	0.030	0.070	0.8	0.0	0.2	0.0	1.0
WW A-13 (10/15/93) PZ9776	0.8	0.150	0.000	0.040	0.010	0.030	0.040	1.3	0.1	0.8	0.7	2.9
WW A-13 (12/11/93) AP1448	0.8	0.030	0.070	0.030	0.130	0.030	0.020	1.1	1.5	1.1	3.0	6.7
WW A-14 (03/20/93) PZ5095	6.0	0.000	0.000	0.000	0.000	0.010	0.000	0.0	0.4	0.3	0.0	0.7
WW A-14 (04/12/93) PZ5461	16.9	0.070	0.110	0.030	0.010	0.020	0.030	5.2	0.9	0.0	0.1	6.2
WW A-14 (05/28/93) PZ7416	8.5	0.140	0.030	0.030	0.000	0.020	0.010	0.5	0.1	0.0	0.2	0.8
WW A-14 (08/06/93) PZ8395	14.1	1.240	0.210	0.110	0.020	0.090	0.110	0.8	0.0	0.2	0.0	1.0
WW A-14 (08/28/93) PZ8947	31.4	1.330	0.030	0.150	0.010	0.090	0.180	1.0	0.0	0.0	0.0	1.0
WW A-14 (10/15/93) PZ9777	92.4	0.810	0.070	0.390	0.120	0.090	0.190	1.5	0.1	1.0	0.2	2.8
WW A-14 (12/11/93) AP1450	6.0	0.080	0.070	0.080	0.090	0.060	0.050	1.5	1.4	1.5	3.4	7.8
WW-11 (01/14/93) PZ4110	3.9	0.030	0.010	0.030	0.010	0.020	0.030	0.0	0.1	0.0	0.0	0.1
WW-11 (03/20/93) PZ5053	4.0	0.000	0.010	0.000	0.020	0.020	0.000	0.0	0.1	0.3	0.0	0.4
WW-11 (04/12/93) PZ5417	1.6	0.030	0.010	0.010	0.010	0.010	0.020	2.9	0.5	0.0	0.0	3.4
WW-11 (05/28/93) PZ7382	0.8	0.010	0.010	0.010	0.000	0.010	0.000	0.7	0.1	0.2	0.6	1.6
WW-11 (08/28/93) PZ8909	1.7	0.020	0.020	0.010	0.010	0.010	0.010	0.0	0.0	0.1	0.0	0.1
WW-11 (10/15/93) PZ9744	0.6	0.030	0.020	0.010	0.000	0.010	0.000	0.0	0.0	0.3	0.0	0.3
WW-11 (12/11/93) AP1416	0.7	0.010	0.000	0.010	0.010	0.010	0.010	0.1	0.5	0.4	0.0	1.0

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW-12 (01/14/93) PZ4113	72.8	0.560	0.090	0.300	0.180	0.080	0.160	0.0	0.0	0.3	0.0	0.3
WW-12 (03/20/93) PZ5055	149.0	0.000	0.070	0.000	0.040	0.060	0.000	0.0	0.0	0.9	0.0	0.9
WW-12 (04/12/93) PZ5439	50.2	0.380	0.030	0.100	0.030	0.030	0.010	3.4	0.6	0.0	0.0	4.0
WW-12 (05/28/93) PZ7384	20.7	0.150	0.020	0.080	0.030	0.080	0.010	0.5	0.1	0.2	0.4	1.2
WW-12 (08/06/93) PZ8363	13.5	0.150	0.010	0.060	0.020	0.040	0.010	0.1	0.0	0.2	0.0	0.2
WW-12 (08/28/93) PZ8911	41.1	0.250	0.230	0.160	0.050	0.030	0.040	0.0	0.0	0.1	0.0	0.1
WW-12 (10/15/93) PZ9745	1.5	0.040	0.010	0.030	0.000	0.020	0.010	0.1	0.3	0.8	0.2	1.3
WW-12 (12/11/93) AP1418	1.7	0.060	0.030	0.060	0.050	0.030	0.010	0.2	0.9	0.3	0.2	1.5
WW-13 (01/14/93) PZ4116	46.9	0.430	0.050	0.270	0.010	0.160	0.110	0.0	0.1	0.0	0.0	0.1
WW-13 (03/20/93) PZ5057	4.0	0.000	0.050	0.000	0.000	0.020	0.000	0.3	0.2	0.8	0.7	1.9
WW-13 (04/12/93) PZ5441	20.5	0.340	0.030	0.130	0.020	0.070	0.050	3.3	0.6	0.0	0.0	3.8
WW-13 (05/28/93) PZ7386	18.8	0.310	0.030	0.100	0.010	0.060	0.030	0.5	0.1	0.0	0.3	0.9
WW-13 (06/26/93) PZ7849	0.6	0.040	0.010	0.090	0.010	0.040	0.040	0.9	0.0	0.0	0.3	1.2
WW-13 (08/06/93) PZ8365	45.6	0.350	0.050	0.130	0.010	0.070	0.050	0.2	0.0	0.2	0.0	0.4
WW-13 (08/28/93) PZ8913	31.3	0.410	0.020	0.120	0.010	0.070	0.050	0.1	0.0	0.0	0.0	0.1
WW-13 (10/15/93) PZ9747	10.4	0.350	0.070	0.100	0.000	0.050	0.030	0.1	0.0	0.4	0.0	0.5
WW-13 (12/11/93) AP1420	0.7	0.050	0.030	0.110	0.050	0.040	0.030	0.2	1.1	0.3	0.2	1.8
WW-14 (01/14/93) PZ4119	31.7	0.750	0.050	0.060	0.030	0.050	0.100	0.0	0.0	0.0	0.0	0.0
WW-14 (03/20/93) PZ5059	15.0	0.000	0.010	0.000	0.000	0.020	0.000	0.0	0.4	0.2	0.0	0.5
WW-14 (04/12/93) PZ5443	28.0	0.520	0.020	0.060	0.020	0.020	0.070	4.7	0.3	0.0	0.0	5.0
WW-14 (08/06/93) PZ8367	85.0	0.600	0.190	0.070	0.060	0.030	0.040	0.1	0.0	0.1	0.0	0.2
WW-14 (08/28/93) PZ8916	30.1	1.230	0.010	0.050	0.020	0.080	0.070	0.2	0.1	0.0	0.0	0.3
WW-14 (10/15/93) PZ9750	29.3	0.330	0.010	0.080	0.010	0.020	0.030	0.4	0.1	0.3	0.1	0.9
WW-14 (12/11/93) AP1422	21.9	0.940	0.040	0.060	0.000	0.020	0.040	0.4	0.5	0.4	0.0	1.2

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW-15 (01/14/93) PZ4122	44.4	0.570	0.020	0.080	0.010	0.060	0.130	0.0	0.5	0.0	0.0	0.5
WW-15 (03/20/93) PZ5061	67.0	3.000	0.020	0.000	0.020	0.130	0.000	0.6	0.4	0.3	0.0	1.3
WW-15 (04/12/93) PZ5419	17.9	0.790	0.010	0.060	0.010	0.040	0.070	2.1	2.1	0.2	0.0	4.4
WW-15 (05/28/93) PZ7390	24.5	1.990	0.010	0.070	0.020	0.080	0.250	2.2	1.2	1.0	0.2	4.6
WW-15 (06/26/93) PZ7853	1.2	0.060	0.010	0.010	0.010	0.030	0.060	1.4	0.7	0.5	0.2	2.8
WW-15 (08/06/93) PZ8369	34.2	2.420	0.050	0.080	0.010	0.120	0.140	0.7	0.3	0.3	0.0	1.3
WW-15 (10/15/93) PZ9752	0.5	0.230	0.030	0.180	0.010	0.520	0.470	2.0	1.2	0.6	0.0	3.8
WW-15 (12/11/93) AP1424	1.0	0.910	0.020	0.130	0.020	0.110	0.100	1.2	0.6	0.4	0.1	2.3
WW-16 (01/14/93) PZ4125	48.1	0.390	0.030	0.100	0.020	0.070	0.060	0.0	0.0	0.1	0.0	0.1
WW-16 (03/20/93) PZ5063	24.0	0.000	0.010	0.000	0.000	0.020	0.000	0.1	0.4	0.3	0.0	0.8
WW-16 (04/12/93) PZ5421	22.4	0.230	0.020	0.060	0.030	0.030	0.040	5.9	1.1	0.0	0.0	7.0
WW-16 (05/28/93) PZ7392	1.5	0.020	0.030	0.000	0.000	0.000	0.000	1.5	0.4	1.4	0.8	4.1
WW-16 (06/26/93) PZ7855	1.0	0.020	0.010	0.020	0.000	0.010	0.010	1.0	0.3	0.0	0.4	1.6
WW-16 (08/06/93) PZ8371	55.1	0.310	0.020	0.060	0.020	0.030	0.010	0.1	0.0	0.2	0.0	0.2
WW-16 (08/28/93) PZ8915	32.7	0.640	0.030	0.050	0.020	0.040	0.030	0.1	0.0	0.0	0.0	0.1
WW-16 (10/15/93) PZ9754	3.5	0.050	0.010	0.050	0.000	0.020	0.030	0.2	0.5	0.9	0.1	1.7
WW-16 (12/11/93) AP1426	0.5	0.110	0.010	0.040	0.010	0.020	0.010	0.2	0.4	0.4	0.1	1.1
WW-17 (01/14/93) PZ4128	15.9	0.090	0.040	0.040	0.030	0.020	0.040	0.0	0.5	0.4	0.0	0.9
WW-19 (01/14/93) PZ4134	54.9	0.870	0.340	0.140	0.050	0.090	0.550	0.0	0.4	0.0	0.0	0.4
WW-19 (03/20/93) PZ5069	20.0	0.000	0.150	0.000	0.030	0.080	0.000	0.1	0.3	0.2	0.0	0.6
WW-19 (04/12/93) PZ5423	7.9	0.170	0.030	0.050	0.010	0.030	0.090	4.2	0.9	0.0	0.0	5.1
WW-19 (05/28/93) PZ7394	29.8	0.300	0.210	0.050	0.020	0.110	0.060	0.5	0.1	0.0	1.0	1.5
WW-19 (08/28/93) PZ8921	35.9	0.240	0.120	0.040	0.020	0.040	0.090	0.1	0.1	0.1	0.0	0.3
WW-19 (10/15/93) PZ9756	31.2	0.770	0.230	0.060	0.000	0.050	0.150	0.3	0.1	0.5	0.0	0.9
WW-19 (12/11/93) AP1428	388.1	3.230	0.010	0.160	0.000	0.110	0.570	1.4	0.5	0.5	0.0	2.4

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW-20 (01/14/93) PZ4137	2.6	0.580	0.000	0.120	0.000	0.150	0.500	3.9	0.7	0.5	0.0	5.1
WW-20 (03/20/93) PZ5071	1.0	2.000	0.040	1.000	0.000	0.680	5.000	7.8	1.8	0.5	0.0	10.1
WW-20 (04/12/93) PZ5425	180.1	8.540	0.020	0.490	0.010	0.270	5.470	8.7	4.0	1.0	1.2	14.8
WW-20 (05/28/93) PZ7396	82.1	3.490	0.000	0.090	0.000	0.190	0.540	7.4	3.8	2.0	0.2	13.4
WW-20 (06/26/93) PZ7859	491.5	4.330	0.700	0.570	0.040	0.700	5.880	15.1	0.3	2.4	0.3	18.1
WW-20 (08/06/93) PZ8375	53.2	20.500	0.510	0.660	0.020	0.700	6.860	11.4	3.6	1.0	0.0	16.0
WW-20 (08/28/93) PZ8922	1.2	4.130	0.000	0.590	0.010	0.440	7.410	6.3	2.4	0.5	0.0	9.2
WW-20 (10/15/93) PZ9758	49.9	7.200	0.420	0.590	0.000	1.120	7.230	17.2	6.7	1.6	0.1	25.6
WW-20 (12/11/93) AP1430	1.2	0.950	0.030	0.510	0.050	0.640	3.830	6.9	1.5	0.6	0.0	9.0
WW-21 (01/14/93) PZ4140	318.4	4.900	0.040	0.170	0.010	0.580	0.180	7.8	1.6	0.2	0.0	9.6
WW-21 (03/20/93) PZ5073	443.0	21.000	0.030	1.000	0.000	0.820	10.000	6.9	2.3	0.7	0.0	9.9
WW-22 (01/14/93) PZ4143	2.1	0.040	0.010	0.030	0.010	0.030	0.050	0.0	0.0	0.2	0.0	0.1
WW-22 (04/12/93) PZ5437	19.3	0.090	0.000	0.030	0.020	0.000	0.020	4.1	0.8	0.0	0.0	4.8
WW-23 (03/20/93) PZ5075	2,952.0	0.000	0.000	0.000	0.010	0.010	0.000	0.0	0.0	0.4	0.0	0.4
WW-23 (04/12/93) PZ5447	772.8	0.030	0.000	0.020	0.010	0.010	0.020	3.5	0.5	0.0	0.0	4.0
WW-23 (05/28/93) PZ7398	1.5	0.020	0.020	0.000	0.020	0.020	0.010	0.2	0.1	0.0	0.0	0.3
WW-23 (06/26/93) PZ7861	1.5	0.010	0.010	0.000	0.000	0.000	0.050	0.8	0.4	0.0	0.0	1.2
WW-23 (08/28/93) PZ8927	32.6	0.200	0.560	0.010	0.000	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW-23 (10/15/93) PZ9759	1.3	0.030	0.020	0.010	0.000	0.010	0.000	0.0	0.0	0.3	0.0	0.3
WW-23 (12/11/93) AP1432	1.2	0.010	0.030	0.010	0.070	0.010	0.010	0.2	1.2	0.3	0.1	1.8
WW-24 (03/20/93) PZ5077	294.0	0.000	0.060	0.000	0.040	12.460	51.000	425.5	208.3	135.0	248.2	1,017.0
WW-24 (04/12/93) PZ5427	420.1	0.170	0.060	0.290	0.070	14.270	107.490	869.4	430.8	218.4	151.7	1,670.3
WW-24 (05/28/93) PZ7400	1.3	0.020	0.010	0.000	0.000	0.050	0.250	15.1	28.9	15.6	47.0	106.6
WW-24 (06/26/93) PZ7863	251.0	0.250	0.040	0.010	0.000	1.720	0.810	101.6	15.7	33.3	8.3	158.8
WW-24 (08/06/93) PZ8379	701.3	3.570	1.480	0.890	0.560	8.600	47.550	64.7	31.4	70.8	74.5	241.3
WW-24 (08/28/93) PZ8929	67.3	0.260	0.070	0.010	0.010	0.000	0.010	290.7	175.1	199.4	545.3	1,210.5
WW-24 (10/15/93) PZ9762	97.3	0.170	0.050	0.080	0.020	3.410	13.560	172.5	8.9	29.3	11.5	222.2
WW-24 (12/11/93) AP1434	258.4	0.140	0.020	0.050	0.070	3.090	5.490	293.1	227.4	37.9	19.8	578.1

ND = Not Detected



Exploration Technologies, Inc.

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

PCC Complex WATER HEADSPACE

TABLE 5
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+
WW-25 (03/20/93) PZ5079	6.0	0.000	0.010	0.000	0.000	0.000	0.000	0.0	0.4	0.3	0.0	0.7
WW-25 (04/12/93) PZ5449	20.9	0.040	0.040	0.020	0.020	0.010	0.020	5.5	1.0	0.0	0.0	6.5
WW-25 (05/28/93) PZ7402	1.2	0.010	0.000	0.020	0.020	0.010	0.010	0.5	0.5	0.1	0.2	1.2
WW-25 (06/26/93) PZ7865	1.0	0.010	0.000	0.000	0.020	0.010	0.010	1.0	0.3	0.0	0.4	1.7
WW-25 (08/06/93) PZ8381	166.4	0.260	0.030	0.030	0.030	0.020	0.050	0.1	0.0	0.2	0.0	0.3
WW-25 (08/28/93) PZ8930	35.5	0.060	0.070	0.030	0.020	0.010	0.010	0.0	0.0	0.0	0.0	0.0
WW-25 (10/15/93) PZ9763	1.5	0.050	0.020	0.020	0.000	0.010	0.010	0.1	0.0	0.3	0.0	0.4
WW-25 (12/11/93) AP1436	1.1	0.010	0.020	0.020	0.060	0.020	0.030	0.4	1.1	0.4	0.1	2.0

ND = Not Detected