

-5	73	1086	-0.0002	533	14.096	-0.000165187	-4.68	0.042740394	1210.27	13.73	14.44	11/24/2003 14:25	5531:58:16	5531:55:55	5531:21:30	74.37722172
7	72	1090	0.00025	532	14.148	0.00023255	6.59	0.042972944	1216.85	13.80	14.51	12/4/2003 20:01	5777:34:16	5777:31:55	5776:57:30	76.01033555
8	70	1083	0.00028	530	14.057	0.000265061	7.51	0.043238004	1224.36	13.89	14.60	12/10/2003 15:00	5916:33:16	5916:30:55	5915:56:30	76.91914225
16	76	1087	0.00057	536	14.109	0.000526124	14.90	0.043764128	1239.26	14.05	14.77	12/16/2003 14:24	6059:57:16	6059:54:55	6059:20:30	77.84570922
10	75	1081	0.00035	535	14.031	0.000327624	9.28	0.044091752	1248.53	14.16	14.87	12/22/2003 16:09	6205:42:16	6205:39:55	6205:05:30	78.77629367
12	73	1082	0.00042	533	14.044	0.000394989	11.18	0.04448674	1259.72	14.29	15.00	12/29/2003 14:36	6372:09:16	6372:06:55	6371:32:30	79.8257556
-3	73	1103	-0.0001	533	14.316	-0.000100664	-2.85	0.044366077	1256.87	14.25	14.97	1/6/2004 15:12	6564:45:16	6564:42:55	6564:08:30	81.02317227
17	75	1093	0.0006	535	14.187	0.000563143	15.95	0.04493219	1272.92	14.43	15.15	1/12/2004 11:46	6705:19:16	6705:16:55	6704:42:30	81.88602513
15	73	1089	0.00053	533	14.135	0.00049693	14.07	0.045446149	1286.99	14.59	15.31	1/21/2004 10:36	6920:09:16	6920:06:55	6919:32:30	83.18746657
5	70	1091	0.00018	530	14.161	0.000166887	4.73	0.045613036	1291.61	14.65	15.36	1/27/2004 10:12	7063:45:16	7063:42:55	7063:08:30	84.04614473
19	73	1085	0.00067	533	14.083	0.000627133	17.76	0.046240169	1309.37	14.85	15.56	2/2/2004 15:43	7213:16:16	7213:13:55	7212:39:30	84.93097851
9	74	1091	0.00032	534	14.161	0.000298146	8.44	0.046538315	1317.81	14.95	15.66	2/9/2004 10:34	7376:07:16	7376:04:55	7375:30:30	85.8843473
13	75	1091	0.00046	535	14.161	0.000429851	12.17	0.046968166	1329.99	15.08	15.80	2/16/2004 14:25	7547:58:16	7547:55:55	7547:21:30	86.87906026
17	75	1086	0.0006	535	14.096	0.000559536	15.84	0.047527702	1345.83	15.26	15.98	2/23/2004 14:32	7716:05:16	7716:02:55	7715:28:30	87.84126466
11	75	1091	0.00039	535	14.161	0.00036372	10.30	0.047891421	1356.13	15.38	16.09	3/2/2004 10:48	7904:21:16	7904:18:55	7903:44:30	88.90436466
12	75	1088	0.00042	535	14.122	0.000395694	11.20	0.048287116	1367.33	15.51	16.22	3/8/2004 10:06	8047:39:16	8047:36:55	8047:02:30	89.70872
19	74	1081	0.00067	534	14.031	0.00062365	17.66	0.048910766	1384.99	15.71	16.42	3/15/2004 11:40	8217:13:16	8217:10:55	8216:36:30	90.64888919
-5	77	1097	-0.0002	537	14.239	-0.000165617	-4.69	0.048745149	1380.30	15.65	16.37	3/22/2004 10:06	8383:39:16	8383:36:55	8383:02:30	91.56229816
6	74	1088	0.00021	534	14.122	0.000198218	5.61	0.048943366	1385.92	15.72	16.43	3/30/2004 20:35	8586:08:16	8586:05:55	8585:31:30	92.66141472
13	75	1082	0.00046	535	14.044	0.000426305	12.07	0.049369671	1397.99	15.85	16.57	4/6/2004 14:45	8748:18:16	8748:15:55	8747:41:30	93.5323711
-1	74	1086	-4E-05	534	14.096	-3.29755E-05	-0.93	0.049336695	1397.05	15.84	16.56	4/12/2004 15:02	8892:35:16	8892:32:55	8891:58:30	94.30051844
16	77	1088	0.00057	537	14.122	0.000525627	14.88	0.049862323	1411.94	16.01	16.73	4/19/2004 14:30	9060:03:16	9060:00:55	9059:26:30	95.18431827
7	76	1090	0.00025	536	14.148	0.000230814	6.54	0.050093137	1418.47	16.09	16.80	4/26/2004 11:36	9225:09:16	9225:06:55	9224:32:30	96.04766756
13	74	1083	0.00046	534	14.057	0.000427498	12.11	0.050520635	1430.58	16.22	16.94	5/3/2004 19:12	9400:45:16	9400:42:55	9400:08:30	96.95748782
14	78	1081	0.00049	536	14.031	0.000457817	12.96	0.050978452	1443.54	16.37	17.09	5/10/2004 14:04	9583:37:16	9583:34:55	9583:00:30	97.73378826
3	75	1082	0.00011	535	14.044	9.8378E-05	2.79	0.05107693	1446.33	16.40	17.12	5/17/2004 9:46	9727:19:16	9727:16:55	9726:42:30	98.62718241
23	78	1075	0.00081	538	13.953	0.000745173	21.10	0.051822003	1467.43	16.64	17.36	5/24/2004 10:34	9896:07:16	9896:04:55	9895:30:30	99.47924985
8	75	1077	0.00028	535	13.979	0.000261129	7.39	0.052083132	1474.82	16.73	17.44	6/1/2004 10:57	10088:30:16	10088:27:55	10087:53:30	100.4415474
13	76	1076	0.00046	536	13.966	0.00042315	11.98	0.052506282	1486.81	16.86	17.58	6/7/2004 10:38	10232:11:16	10232:08:55	10231:34:30	101.1542771
18	79	1078	0.00064	539	13.992	0.000583722	16.53	0.053090003	1503.34	17.05	17.76	6/14/2004 10:52	10400:25:16	10400:22:55	10399:48:30	101.9824549
7	76	1082	0.00025	536	14.044	0.00022912	6.49	0.053319124	1509.82	17.12	17.84	6/23/2004 16:28	10622:01:16	10621:58:55	10621:24:30	103.0631899
13	77	1082	0.00046	537	14.044	0.000424717	12.03	0.053743841	1521.85	17.26	17.97	7/1/2004 11:56	10809:29:16	10809:26:55	10808:52:30	103.9686865
13	78	1081	0.00046	538	14.031	0.000423536	11.99	0.054167376	1533.84	17.40	18.11	7/7/2004 10:34	10952:07:16	10952:04:55	10951:30:30	104.6523823
14	79	1082	0.00049	539	14.044	0.00045569	12.90	0.054623066	1546.75	17.54	18.26	7/13/2004 14:22	11099:55:16	11099:52:55	11099:18:30	105.3561631
11	75	1080	0.00039	535	14.018	0.000360053	10.20	0.054983119	1556.94	17.66	18.37	7/19/2004 11:24	11240:57:16	11240:54:55	11240:20:30	106.0233674
5	76	1091	0.00018	536	14.161	0.000165019	4.67	0.055148138	1561.62	17.71	18.42	7/26/2004 10:24	11407:57:16	11407:54:55	11407:20:30	106.8080261
23	77	1079	0.00081	537	14.005	0.000749339	21.22	0.055897476	1582.83	17.95	18.67	8/2/2004 14:44	11580:17:16	11580:14:55	11579:40:30	107.6117455
10	78	1086	0.00035	538	14.096	0.000327304	9.27	0.05622478	1592.10	18.06	18.77	8/9/2004 14:00	11747:33:16	11747:30:55	11746:56:30	108.3861358
9	76	1088	0.00032	536	14.122	0.000296217	8.39	0.056520997	1600.49	18.15	18.87	8/16/2004 11:07	11912:40:16	11912:37:55	11912:03:30	109.1451836
17	75	1076	0.0006	535	13.966	0.000554384	15.70	0.057075381	1616.19	18.33	19.04	8/23/2004 14:10	12083:43:16	12083:40:55	12083:06:30	109.9259801
11	78	1087	0.00039	536	14.109	0.00036171	10.24	0.057437091	1626.43	18.45	19.16	8/30/2004 18:46	12254:19:16	12254:16:55	12253:42:30	110.6962372
8	75	1088	0.00028	535	14.122	0.000263796	7.47	0.057700887	1633.90	18.53	19.24	9/7/2004 15:58	12445:31:16	12445:28:55	12444:54:30	111.5594958
20	76	1073	0.00071	536	13.927	0.000649184	18.38	0.058350072	1652.28	18.74	19.45	9/14/2004 18:41	12616:14:16	12616:11:55	12615:37:30	112.3220271
3	76	1083	0.00011	536	14.057	9.82852E-05	2.78	0.058448357	1655.07	18.77	19.48	9/21/2004 16:47	12782:20:16	12782:17:55	12781:43:30	113.0590013
3	75	1089	0.00011	535	14.135	9.90144E-05	2.80	0.058547371	1657.87	18.80	19.52	9/28/2004 21:06	12954:39:16	12954:36:55	12954:02:30	113.8185154
14	75	1085	0.00049	535	14.083	0.00046037	13.04	0.059007741	1670.91	18.95	19.66	10/8/2004 10:13	13183:46:16	13183:43:55	13183:09:30	114.820604
17	75	1079	0.0006	535	14.005	0.00055593	15.74	0.059563671	1686.65	19.13	19.84	10/19/2004 14:15	13451:48:16	13451:45:55	13451:11:30	115.9819143
11	77	1086	0.00039	537	14.096	0.000360704	10.21	0.059924375	1696.86	19.24	19.96	10/27/2004 14:04	13643:37:16	13643:34:55	13643:00:30	116.8059121
12	78	1090	0.00042	538	14.148	0.000394211	11.16	0.060318586	1708.03	19.37	20.08	11/5/2004 11:11	13856:44:16	13856:41:55	13856:07:30	117.7146456
-5	76	1095	-0.0002	536	14.213	-0.000165624	-4.69	0.060152963	1703.34	19.32	20.03	11/12/2004 16:29	14030:02:16	14029:59:55	14029:25:30	118.4484604
9	75	1080	0.00032	535	14.018	0.000294588	8.34	0.060447551	1711.68	19.41	20.13	11/24/2004 10:49	14312:22:16	14312:19:55	14311:45:30	119.6343225
2	78	1081	7.1E-05	538	14.031	6.51593E-05	1.85	0.06051271	1713.52	19.43	20.15	12/3/2004 15:59	14533:32:16	14533:29:55	14532:55:30	120.5551234
-18	75	1089	-0.0006	535	14.135	-0.000594087	-16.82	0.059918624	1696.70	19.24	19.96	12/15/2004 17:31	14823:04:16	14823:01:55	14822:27:30	121.7500354
-9	72	1100	-0.0003	532	14.278	-0.000301736	-8.54	0.059616888	1688.16	19.15	19.86	12/23/2004 12:02	15009:35:16	15009:32:55	15008:58:30	122.5136228
21	76	1085	0.00074	536	14.083	0.000689267	19.52	0.060306155	1707.67	19.37	20.08	12/31/2004 17:55	15207:28:16	15207:25:55	15206:51:30	123.3185757
9	75	1081	0.00032	535	14.031	0.000294861	8.35	0.060601016	1716.02	19.46	20.18	1/10/2005 14:00	15443:33:16	15443:30:55	15442:56:30	124.2720984

16	76	1078	0.00057	536	13.992	0.000521768	14.77	0.061122784	1730.80	19.63	20.34	1/20/2005 15:03	15684:36:16	15684:33:55	15683:59:30	125.2381908		
-1	76	1094	-4E-05	536	14.200	-3.30945E-05	-0.94	0.061089689	1729.86	19.62	20.33	1/27/2005 16:14	15853:47:16	15853:44:55	15853:10:30	125.9118254		
9	75	1093	0.00032	535	14.187	0.000298134	8.44	0.061387824	1738.30	19.71	20.43	2/3/2005 15:17	16020:50:16	16020:47:55	16020:13:30	126.5734482		
10	75	1093	0.00035	535	14.187	0.00033126	9.38	0.061719084	1747.68	19.82	20.53	2/10/2005 14:53	16188:26:16	16188:23:55	16187:49:30	127.2337918		
8	75	1089	0.00028	535	14.135	0.000264039	7.48	0.061983123	1755.16	19.90	20.62	2/17/2005 13:58	16355:31:16	16355:28:55	16354:54:30	127.888706		
11	77	1087	0.00039	537	14.109	0.000361037	10.22	0.062344159	1765.38	20.02	20.74	2/24/2005 15:16	16524:49:16	16524:46:55	16524:12:30	128.5489055		
11	75	1080	0.00039	535	14.018	0.000360053	10.20	0.062704212	1775.58	20.14	20.85	3/3/2005 14:11	16691:44:16	16691:41:55	16691:07:30	129.1965084		
7	75	1075	0.00025	535	13.953	0.000228064	8.46	0.062932275	1782.04	20.21	20.92	3/10/2005 13:55	16859:28:16	16859:25:55	16859:51:30	129.8440291		
11	75	1071	0.00039	535	13.901	0.000357052	10.11	0.063289327	1792.15	20.32	21.04	3/18/2005 10:36	17048:09:16	17048:06:55	17047:32:30	130.5685814		
0	75	1081	0	535	14.031	0	0.00	0.063289327	1792.15	20.32	21.04	3/23/2005 12:20	17169:53:16	17169:50:55	17169:16:30	131.0339184		
8	75	1084	0.00028	535	14.070	0.000262826	7.44	0.063552154	1799.59	20.41	21.12	4/2/2005 15:09	17412:42:16	17412:39:55	17412:05:30	131.9572069		
7	75	1080	0.00025	535	14.018	0.000229124	6.49	0.063781278	1806.08	20.48	21.20	4/8/2005 14:34	17556:07:16	17556:04:55	17555:30:30	132.4995136		
-3	75	1091	-0.0001	535	14.161	-9.91963E-05	-2.81	0.063682082	1803.27	20.45	21.17	4/15/2005 10:14	17719:47:16	17719:44:55	17719:10:30	133.1156932		
16	76	1072	0.00057	536	13.914	0.000518864	14.69	0.064200945	1817.96	20.62	21.33	4/21/2005 17:14	17870:47:16	17870:44:55	17870:10:30	133.6816658		
-7	75	1080	-0.0002	535	14.018	-0.000229124	-6.49	0.063971821	1811.47	20.54	21.26	4/28/2005 14:39	18036:12:16	18036:09:55	18035:35:30	134.2989369		
8	76	1087	0.00028	536	14.109	0.000263062	7.45	0.064234883	1818.92	20.63	21.34	5/5/2005 21:28	18211:01:16	18210:58:55	18210:24:30	134.9482164		
15	77	1080	0.00053	537	14.018	0.000489152	13.85	0.064724035	1832.77	20.79	21.50	5/12/2005 11:34	18369:07:16	18369:04:55	18368:30:30	135.5327308		
2	72	1081	7.1E-05	532	14.031	6.58942E-05	1.87	0.064789929	1834.64	20.81	21.52	5/20/2005 11:46	18561:19:16	18561:16:55	18560:42:30	136.2399395		
7	73	1085	0.00025	533	14.083	0.000231049	6.54	0.065020978	1841.18	20.88	21.60	5/26/2005 15:36	18709:09:16	18709:06:55	18708:32:30	136.7814112		
23.1	119	1083	0.00082	579	14.057	0.000700592	19.84	0.06572157	1861.02	21.11	21.82	5/26/2005 18:49	18712:22:16	18712:19:55	18711:45:30	136.7931691	note 1	
21.0	118	1083	0.00074	578	14.057	0.000638004	18.07	0.066359573	1879.09	21.31	22.02	5/26/2005 20:34	18714:07:16	18714:04:55	18713:30:30	136.7995655	note 1	
19.4	128	1083	0.00069	588	14.057	0.00057937	16.41	0.066938943	1895.49	21.50	22.21	5/26/2005 22:22	18715:55:16	18715:52:55	18715:18:30	136.8061443	note 1	
22.6	131	1084	0.0008	591	14.070	0.00067213	19.03	0.067611074	1914.53	21.71	22.43	5/27/2005 9:12	18726:45:16	18726:42:55	18726:08:30	136.8457323	note 1	
6.9	122	1081	0.00024	582	14.031	0.000207805	5.88	0.067818878	1920.41	21.78	22.49	5/27/2005 18:36	18736:09:16	18736:06:55	18735:32:30	136.8800732	note 1	
21.5	122	1080	0.00076	582	14.018	0.000648908	18.32	0.068465786	1938.73	21.99	22.70	5/28/2005 15:07	18756:40:16	18756:37:55	18756:03:30	136.9549987	note 1	
18.3	130	1078	0.00065	590	13.992	0.000542152	15.35	0.069007938	1954.08	22.16	22.88	5/29/2005 16:12	18781:45:16	18781:42:55	18781:08:30	137.0465412	note 1	
17.2	117	1082	0.00061	577	14.044	0.000522978	14.81	0.069530916	1968.89	22.33	23.04	5/30/2005 15:15	18804:48:16	18804:45:55	18804:11:30	137.1306109	note 1	
DECANISTERED 06/02/2005; sample air dried for 16 days													note 1 - volume adjusted for headspace expansion and contraction					

68	75	1083	0.0024	535	14.057	0.002231962	63.20	0.174509614	4941.54	118.74	124.75	5/19/2003 14:13	995:46:16	995:43:55	995:36:18	31.5584116
58	75	1091	0.00205	535	14.161	0.001917795	54.31	0.176427409	4995.85	120.05	126.06	5/22/2003 9:18	1062:51:16	1062:48:55	1062:41:18	32.6014485
57	75	1083	0.00201	535	14.057	0.001879099	52.98	0.178298319	5048.83	121.32	127.33	5/25/2003 2:05	1127:38:16	1127:35:55	1127:28:18	33.58031831
95	75	1083	0.00335	535	14.057	0.003118182	88.30	0.181416501	5137.12	123.44	129.45	5/30/2003 16:37	1262:10:16	1262:07:55	1262:00:18	35.5270476
65	75	1075	0.0023	535	13.953	0.002117733	59.97	0.183534234	5197.09	124.89	130.89	6/2/2003 16:11	1333:44:16	1333:41:55	1333:34:18	36.52037483
45	75	1084	0.00159	535	14.070	0.001478398	41.86	0.185012632	5238.95	125.89	131.90	6/5/2003 11:29	1401:02:16	1400:59:55	1400:52:18	37.43043919
59	75	1078	0.00208	535	13.992	0.001927615	54.58	0.186940246	5293.54	127.20	133.21	6/9/2003 14:06	1499:39:16	1499:36:55	1499:29:18	38.7253721
39	78	1075	0.00138	536	13.953	0.001282069	35.91	0.189208515	5329.45	128.07	134.07	6/12/2003 13:42	1571:15:16	1571:12:55	1571:05:18	39.63905201
42	76	1085	0.00148	536	14.083	0.001378534	39.04	0.189587049	5368.49	129.00	135.01	6/15/2003 14:54	1644:27:16	1644:24:55	1644:17:18	40.5518735
50	78	1081	0.00177	538	14.031	0.001628983	46.13	0.191216033	5414.61	130.11	136.12	6/18/2003 13:57	1715:30:16	1715:27:55	1715:20:18	41.41864851
31	77	1085	0.00109	537	14.083	0.001015595	28.76	0.192231627	5443.37	130.80	136.81	6/20/2003 14:06	1763:39:16	1763:36:55	1763:29:18	41.99588604
44	78	1079	0.00155	538	14.005	0.001430853	40.52	0.19366248	5483.89	131.78	137.78	6/23/2003 11:22	1832:55:16	1832:52:55	1832:45:18	42.81262794
35	76	1078	0.00124	536	13.992	0.001141367	32.32	0.194803847	5516.21	132.55	138.56	6/25/2003 16:19	1885:52:16	1885:49:55	1885:42:18	43.42661754
25	78	1082	0.00088	538	14.044	0.000815245	23.09	0.196619092	5539.29	133.11	139.12	6/27/2003 15:16	1932:49:16	1932:46:55	1932:39:18	43.96386142
10	75	1088	0.00035	535	14.122	0.000329745	9.34	0.195948837	5548.63	133.33	139.34	6/30/2003 11:14	2000:47:16	2000:44:55	2000:37:18	44.73016631
44	78	1078	0.00155	538	13.992	0.001429527	40.48	0.197378364	5589.11	134.31	140.31	7/3/2003 9:54	2071:27:16	2071:24:55	2071:17:18	45.51323373
40	78	1078	0.00141	538	13.992	0.00129957	36.80	0.198677934	5625.91	135.19	141.20	7/6/2003 19:52	2129:25:16	2129:22:55	2129:15:18	46.14565105
18	75	1081	0.00064	535	14.031	0.000589722	16.70	0.199267657	5642.61	135.59	141.60	7/7/2003 14:04	2171:37:16	2171:34:55	2171:27:18	46.60065569
42	78	1081	0.00148	538	14.031	0.001368346	38.75	0.200636003	5681.36	136.52	142.53	7/11/2003 16:09	2269:42:16	2269:39:55	2269:32:18	47.64141522
42	79	1081	0.00148	539	14.031	0.001365807	38.68	0.20200181	5720.03	137.45	143.46	7/15/2003 13:56	2363:29:16	2363:26:55	2363:19:18	48.61571534
50	78	1079	0.00177	538	14.005	0.001625969	46.04	0.203627779	5766.07	138.56	144.57	7/21/2003 16:31	2510:04:16	2510:01:55	2509:54:18	50.10060989
53	77	1081	0.00187	537	14.031	0.001729938	48.99	0.205357717	5815.06	139.73	145.74	7/28/2003 20:26	2681:59:16	2681:56:55	2681:49:18	51.7879115
17	70	1079	0.0006	530	14.005	0.000561174	15.89	0.205918891	5830.95	140.12	146.12	8/4/2003 13:47	2843:20:16	2843:17:55	2843:10:18	53.3295732
63	78	1086	0.00222	538	14.096	0.002062013	58.39	0.207980904	5889.34	141.52	147.53	8/11/2003 14:02	3011:35:16	3011:32:55	3011:25:18	54.87793525
72	84	1082	0.00254	544	14.044	0.00232201	65.75	0.210302914	5955.99	143.10	149.11	8/18/2003 20:03	3185:36:16	3185:33:55	3185:26:18	56.44115913
42	80	1083	0.00148	540	14.057	0.00136658	38.68	0.211668714	5993.77	144.03	150.04	8/24/2003 22:48	3332:21:16	3332:18:55	3332:11:18	57.72654887
53	84	1086	0.00187	544	14.096	0.001715576	48.58	0.21338429	6042.35	145.20	151.20	9/1/2003 14:50	3516:23:16	3516:20:55	3516:13:18	59.29913809
5	83	1084	0.00018	543	14.070	0.000161846	4.58	0.213546136	6046.93	145.31	151.31	9/8/2003 14:05	3683:38:16	3683:35:55	3683:28:18	60.62927964
10	76	1085	0.00035	536	14.083	0.000328222	9.29	0.213874359	6056.22	145.53	151.54	9/15/2003 15:15	3852:48:16	3852:45:55	3852:38:18	62.07096297
16	79	1084	0.00057	539	14.070	0.000521752	14.77	0.21439611	6071.00	145.89	151.89	9/23/2003 10:50	4040:23:16	4040:20:55	4040:13:18	63.56404469
-6	72	1091	-0.0002	532	14.161	-0.000199511	-5.65	0.21496599	6065.35	145.75	151.76	9/26/2003 18:53	4120:26:16	4120:23:55	4120:16:18	64.19063622
23	78	1085	0.00081	538	14.083	0.000752105	21.30	0.214948704	6086.65	146.26	152.27	10/6/2003 12:12	4353:45:16	4353:42:55	4353:35:18	65.98298602
58	81	1084	0.00205	541	14.070	0.001884357	53.36	0.216833061	6140.01	147.54	153.55	10/14/2003 23:10	4556:43:16	4556:40:55	4556:33:18	67.50348962
13	76	1081	0.00046	536	14.031	0.000425116	12.04	0.217258177	6152.04	147.83	153.84	10/20/2003 15:37	4693:10:16	4693:07:55	4693:00:18	68.50672311
5	69	1075	0.00018	529	13.953	0.00016475	4.67	0.217422927	6156.71	147.94	153.95	10/27/2003 15:06	4860:38:16	4860:35:55	4860:28:18	69.71827435
20	73	1080	0.00071	533	14.018	0.000657097	18.61	0.218080025	6175.32	148.39	154.40	11/3/2003 10:14	5023:47:16	5023:44:55	5023:37:18	70.87868352
1	75	1085	3.5E-05	535	14.083	3.28836E-05	0.93	0.218112908	6176.25	148.41	154.42	11/10/2003 11:21	5192:54:16	5192:51:55	5192:44:18	72.06180989
22	75	1069	0.00078	535	13.875	0.000712771	20.18	0.218825679	6196.43	148.90	154.91	11/17/2003 16:29	5366:02:16	5366:59:55	5366:52:18	73.25324415
-8	73	1086	-0.0003	533	14.096	-0.000264299	-7.48	0.21856138	6188.95	148.72	154.73	11/24/2003 14:25	5531:58:16	5531:55:55	5531:48:18	74.37722172
2	72	1090	7.1E-05	532	14.148	6.64428E-05	1.88	0.218627823	6190.83	148.76	154.77	12/4/2003 20:03	5777:36:16	5777:33:55	5777:26:18	76.01055482
DECANISTERED 12/05/2003: sample air dried for 14 days																

35	76	1085	0.00124	536	14.083	0.001148778	32.53	0.186583222	5283.43	108.06	110.61	9/15/2003 15:15	3851:10:00	3851:07:00	3851:00:30	62.05776879
42	79	1084	0.00148	539	14.070	0.001369598	38.78	0.187952919	5322.21	108.85	111.41	9/23/2003 10:51	4038:46:00	4038:43:00	4038:36:30	63.55129162
10	72	1091	0.00035	532	14.161	0.000332519	9.42	0.188285438	5331.63	109.04	111.60	9/26/2003 18:54	4118:49:00	4118:46:00	4118:39:30	64.17800766
46	78	1085	0.00162	538	14.083	0.00150421	42.59	0.189789648	5374.22	109.91	112.47	10/6/2003 12:13	4352:08:00	4352:05:00	4351:58:30	65.97070057
72	81	1084	0.00254	541	14.070	0.002339202	66.24	0.19212885	5440.46	111.27	113.82	10/14/2003 23:11	4555:06:00	4555:03:00	4554:56:30	67.49148094
29	76	1081	0.00102	536	14.031	0.000948336	26.85	0.193077186	5467.32	111.82	114.37	10/20/2003 15:39	4691:34:00	4691:31:00	4691:24:30	68.49501198
21	69	1075	0.00074	529	13.953	0.000691951	19.59	0.193769137	5486.91	112.22	114.77	10/27/2003 15:06	4859:01:00	4858:58:00	4858:51:30	69.70664722
19	73	1080	0.00067	533	14.018	0.000624243	17.88	0.194393338	5504.59	112.58	115.13	11/3/2003 10:14	5022:09:00	5022:06:00	5021:59:30	70.98712919
22	75	1085	0.00078	535	14.063	0.000723439	20.49	0.195116819	5525.07	113.00	115.65	11/10/2003 11:22	5191:17:00	5191:14:00	5191:07:30	72.05056939
40	75	1089	0.00141	535	13.875	0.001295947	36.70	0.196412765	5561.77	113.75	116.30	11/17/2003 16:30	5364:25:00	5364:22:00	5364:15:30	73.24217819
7	73	1086	0.00025	533	14.096	0.000231262	6.55	0.196644027	5568.32	113.88	116.44	11/24/2003 14:26	5530:21:00	5530:18:00	5530:11:30	74.36632302
24	72	1090	0.00085	532	14.148	0.000797314	22.58	0.197441341	5590.90	114.34	116.90	12/4/2003 20:05	5776:00:00	5775:57:00	5775:50:30	76.00670677
22	70	1083	0.00078	530	14.057	0.000728918	20.64	0.198170258	5611.54	114.77	117.32	12/10/2003 15:01	5914:56:00	5914:53:00	5914:46:30	76.90860373
35	76	1087	0.00124	536	14.109	0.001150896	32.59	0.199321154	5644.13	115.43	117.99	12/16/2003 14:24	6058:19:00	6058:16:00	6058:09:30	77.83518913
22	75	1081	0.00078	535	14.031	0.000720772	20.41	0.200041926	5664.54	115.85	118.41	12/22/2003 16:10	6204:05:00	6204:02:00	6203:55:30	78.76602066
22	73	1082	0.00078	533	14.044	0.000724146	20.51	0.200766072	5685.04	116.27	118.83	12/29/2003 14:36	6370:31:00	6370:28:00	6370:21:30	79.81551645
5	73	1103	0.00018	533	14.316	0.000167773	4.75	0.200933845	5689.79	116.37	118.92	1/6/2004 15:13	6563:08:00	6563:05:00	6562:58:30	81.01316765
25	75	1093	0.00088	535	14.187	0.000828151	23.45	0.201761996	5713.24	116.85	119.40	1/12/2004 11:46	6703:41:00	6703:38:00	6703:31:30	81.87602417
25	73	1089	0.00088	533	14.135	0.000828217	23.45	0.202590212	5736.69	117.33	119.88	1/21/2004 10:37	6918:32:00	6918:29:00	6918:22:30	83.17772138
12	70	1091	0.00042	530	14.161	0.000400528	11.34	0.202990741	5748.04	117.56	120.11	1/27/2004 10:13	7062:08:00	7062:05:00	7061:58:30	84.03650001
31	73	1085	0.00109	533	14.083	0.001023216	28.97	0.204013957	5777.01	118.15	120.71	2/2/2004 15:43	7211:38:00	7211:35:00	7211:28:30	84.92133615
18	74	1091	0.00064	534	14.161	0.000596292	16.89	0.204610249	5793.90	118.50	121.05	2/9/2004 10:35	7374:30:00	7374:27:00	7374:20:30	85.87499002
21	75	1091	0.00074	535	14.161	0.000694374	19.66	0.205304623	5813.56	118.90	121.45	2/16/2004 14:26	7546:21:00	7546:18:00	7546:11:30	86.86973006
26	75	1086	0.00092	535	14.096	0.000857517	24.23	0.206160394	5837.79	119.39	121.95	2/23/2004 14:33	7714:28:00	7714:25:00	7714:18:30	87.83203668
19	73	1091	0.00067	533	14.161	0.000629243	17.79	0.206798228	5855.58	119.76	122.31	3/2/2004 10:48	7902:43:00	7902:40:00	7902:33:30	88.89722533
23	75	1088	0.00081	535	14.122	0.000758414	21.48	0.207547041	5877.06	120.07	122.65	3/8/2004 10:07	8046:02:00	8046:00:00	8045:52:30	89.69868413
25	74	1081	0.00088	534	14.031	0.000820593	23.24	0.208367634	5900.29	120.67	123.23	3/15/2004 11:41	8215:36:00	8215:33:00	8215:26:30	90.63994704
10	77	1097	0.00035	537	14.239	0.000331234	9.38	0.208698868	5909.67	120.86	123.42	3/22/2004 10:06	8382:01:00	8381:58:00	8381:51:30	91.55335421
21	74	1088	0.00074	534	14.122	0.000693761	19.65	0.20939263	5929.32	121.26	123.82	3/30/2004 20:36	8584:31:00	8584:28:00	8584:21:30	92.65266681
27	75	1080	0.00095	535	14.018	0.000883765	25.03	0.210276395	5954.34	121.78	124.33	4/6/2004 14:45	8746:40:00	8746:37:00	8746:30:30	93.52361556
6	74	1086	0.00021	534	14.096	0.000197853	5.60	0.210474248	5959.94	121.89	124.45	4/12/2004 15:03	8890:58:00	8890:55:00	8890:48:30	94.29192226
24	77	1088	0.00085	537	14.122	0.000788441	22.33	0.211262689	5982.27	122.35	124.90	4/19/2004 14:30	9058:25:00	9058:22:00	9058:15:30	95.17571469
13	76	1090	0.00046	536	14.148	0.000428655	12.14	0.211691344	5994.41	122.60	125.15	4/26/2004 11:36	9223:31:00	9223:28:00	9223:21:30	96.03941433
19	74	1083	0.00067	534	14.057	0.000624804	17.69	0.212316149	6012.10	122.96	125.51	5/3/2004 19:13	9399:08:00	9399:05:00	9398:58:30	96.94912755
25	76	1081	0.00088	536	14.031	0.000817531	23.15	0.21313366	6035.25	123.43	125.99	5/10/2004 14:05	9562:00:00	9561:57:00	9561:50:30	97.78547949
8	75	1082	0.00028	535	14.044	0.000262341	7.43	0.213396021	6042.68	123.58	126.14	5/17/2004 9:48	9725:43:00	9725:40:00	9725:33:30	98.61904819
31	78	1075	0.00109	538	13.953	0.001004364	28.44	0.214400385	6071.12	124.17	126.72	5/24/2004 10:34	9894:29:00	9894:26:00	9894:19:30	99.47101755
14	75	1077	0.00049	535	13.979	0.000456976	12.94	0.21485736	6084.06	124.43	126.99	6/1/2004 10:57	10086:52:00	10086:49:00	10086:42:30	100.4333942
18	76	1076	0.00064	536	13.966	0.0005859	16.59	0.21544326	6100.65	124.77	127.33	6/7/2004 10:39	10230:34:00	10230:31:00	10230:24:30	101.1462626
24	79	1078	0.00085	539	13.992	0.000778295	22.04	0.216221555	6122.69	125.22	127.78	6/14/2004 10:53	10398:48:00	10398:45:00	10398:38:30	101.9745066
10	78	1080	0.00035	536	14.044	0.000327315	9.27	0.21648497	6131.36	125.41	127.93	6/21/2004 10:28	10620:23:00	10620:20:00	10620:13:30	102.80352411
15	77	1082	0.00053	537	14.044	0.000490058	13.88	0.217038928	6145.83	125.69	128.25	7/1/2004 11:56	10807:51:00	10807:48:00	10807:41:30	103.9608099
16	78	1081	0.00057	538	14.031	0.000521275	14.76	0.217560203	6160.60	125.99	128.55	7/7/2004 11:35	10950:30:00	10950:27:00	10950:20:30	104.6446367
17	79	1082	0.0006	539	14.044	0.000553338	15.67	0.2181113541	6176.26	126.32	128.87	7/13/2004 14:22	11098:17:00	11098:14:00	11098:07:30	105.3483903
13	75	1080	0.00046	535	14.018	0.000425517	12.05	0.218539058	6188.31	126.56	129.12	7/19/2004 11:24	11239:19:00	11239:16:00	11239:09:30	106.0156435
4	76	1091	0.00014	536	14.161	0.000132015	3.74	0.218671073	6192.05	126.64	129.19	7/26/2004 10:25	11406:20:00	11406:17:00	11406:10:30	106.800437
21	77	1079	0.00074	537	14.005	0.000684179	19.37	0.219352551	6211.43	127.03	129.59	8/2/2004 14:44	11578:39:00	11578:36:00	11578:29:30	107.6041356
9	78	1086	0.00032	538	14.096	0.000294573	8.34	0.219649825	6219.77	127.21	129.76	8/9/2004 14:02	11745:57:00	11745:54:00	11745:47:30	108.3787341
6	76	1088	0.00021	536	14.122	0.000197478	5.59	0.219847303	6225.36	127.32	129.88	8/16/2004 11:08	11911:03:00	11911:00:00	11910:53:30	109.137757
18	75	1076	0.00064	535	13.966	0.000586995	16.62	0.220434297	6241.98	127.66	130.22	8/23/2004 14:12	12082:07:00	12082:04:00	12081:57:30	109.9186821
12	76	1087	0.00042	536	14.109	0.000394593	11.17	0.22082889	6253.15	127.89	130.44	8/30/2004 16:47	12252:42:00	12252:39:00	12252:32:30	110.6919148
8	75	1088	0.00028	535	14.122	0.000263796	7.47	0.221092686	6260.62	128.04	130.60	9/7/2004 15:59	12443:54:00	12443:51:00	12443:44:30	111.5522299
19	76	1073	0.00067	536	13.927	0.000616725	17.46	0.221709412	6278.09	128.40	130.95	9/14/2004 18:42	12614:37:00	12614:34:00	12614:27:30	112.3148105
1	76	1083	3.5E-05	536	14.057	3.27617E-05	0.93	0.221742173	6279.02	128.42	130.97	9/21/2004 16:48	12780:43:00	12780:40:00	12780:33:30	113.0518318
0	75	1089	0	535	14.135	0	0.00	0.221742173	6279.02	128.42	130.97	9/28/2004 21:07	12953:02:00	12952:59:00	12952:52:30	113.8113937
11	75	1085	0.00039	535	14.083	0.000381719	10.24	0.222103893	6289.26	128.63	131.18	10/8/2004 10:14	13182:09:00	13182:06:00	13181:59:30	114.8135445
11	75	1093	0.00038	535	14.005	0.000339719	10.24	0.222463112	6299.44	128.83	131.28	10/19/2004 14:16	13450:11:00	13450:08:00	13450:01:30	115.9749235
12	77	1088														

SAMPLE:		731.5 to 732.2 (Croweburg coal) in canister 10																							
		lbs.			grams			lbs.			grams			moisture %		est. lost gas (cc) =		TIME OF:				elapsed time (off bottom to canistering)			
dry sample weight:		2.600						2.618		1187.38		0.66%		97				off bottom		at surface		in canister		0.179 minutes	
RIG/LAB MEASUREMENTS		CONVERSION OF RIG/LAB MEASUREMENTS TO STP (@60 deg														CUMULATIVE VOLUMES (@				TIME OF MEASU		TIME SINCE		SQR T hrs. (since off bottom)	
measured cc	measured T (F)	measured P (psia)	absolute T (F)	absolute P (psia)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	cc (@STP)	without lost gas	with lost gas	off bottom	at surface	in canister	SQR T hrs. (since off bottom)	SQR T (hrs)	SQR T (hrs)	SQR T (hrs)	SQR T (hrs)
18	75	1099	0.00064	535	14.265	0.000599542	16.98	0.000599542	16.98	0.46	3.10	4/8/2003 5:14	0:14:45	0:11:30	0:04:00									0.495815826	
9	75	1099	0.00032	535	14.265	0.000299771	8.49	0.000299771	8.49	0.69	3.33	4/8/2003 5:18	0:18:30	0:15:15	0:07:45									0.555277798	
15	75	1099	0.00064	535	14.265	0.000599542	16.98	0.001498855	42.44	1.15	3.79	4/8/2003 5:22	0:22:00	0:18:45	0:11:45									0.605530071	
14	75	1099	0.00049	535	14.265	0.00046631	13.20	0.001965165	55.65	1.51	4.15	4/8/2003 5:26	0:26:00	0:22:45	0:15:15									0.658280589	
8	75	1099	0.00028	535	14.265	0.000266463	7.55	0.002231629	63.19	1.72	4.35	4/8/2003 5:29	0:29:00	0:25:45	0:18:15									0.695221787	
17	75	1099	0.0006	535	14.265	0.000566234	16.03	0.002797863	79.23	2.15	4.79	4/8/2003 5:36	0:36:00	0:32:45	0:25:15									0.774596669	
28	75	1099	0.00099	535	14.265	0.000932621	26.41	0.003730484	105.64	2.87	5.50	4/8/2003 5:48	0:48:00	0:44:45	0:37:15									0.894427191	
22	75	1099	0.00078	535	14.265	0.000732774	20.75	0.004463257	126.38	3.43	6.07	4/8/2003 5:58	0:58:45	0:55:30	0:48:00									0.989528507	
19	75	1099	0.00067	535	14.265	0.00063285	17.92	0.005096107	144.31	3.92	6.55	4/8/2003 6:09	1:09:00	1:05:45	0:58:15									1.072380529	
40	75	1099	0.00141	535	14.265	0.001332316	37.73	0.006428423	182.03	4.94	7.58	4/8/2003 6:33	1:33:00	1:29:45	1:22:15									1.2498996	
48	75	1100	0.0017	535	14.278	0.001600233	45.31	0.008028656	227.35	6.18	8.81	4/8/2003 7:05	2:05:00	2:01:45	1:54:15									1.443375673	
50	75	1100	0.00177	535	14.278	0.00166691	47.20	0.009695566	274.55	7.46	10.09	4/8/2003 7:44	2:44:00	2:40:45	2:33:15									1.653279569	
34	75	1102	0.0012	535	14.303	0.00113566	32.16	0.010831126	306.70	8.33	10.97	4/8/2003 8:27	3:27:45	3:24:30	3:17:00									1.860779407	
80	75	1102	0.00283	535	14.303	0.002671905	75.66	0.013503031	382.36	10.39	13.02	4/8/2003 9:44	4:44:00	4:40:45	4:33:15									2.175622516	
42	75	1102	0.00148	535	14.303	0.00140275	39.72	0.014905781	422.08	11.46	14.10	4/8/2003 10:40	5:40:00	5:36:45	5:29:15									2.380476143	
72	75	1102	0.00254	535	14.303	0.002404714	68.09	0.017310495	490.18	13.31	15.95	4/8/2003 12:20	7:20:00	7:16:45	7:09:15									2.708012802	
48	75	1101	0.0017	535	14.291	0.001601688	45.35	0.018912183	535.53	14.55	17.18	4/8/2003 13:20	8:20:45	8:17:30	8:10:00									2.888915598	
75	1101	0.00141	535	14.291	0.00133474	37.80	0.020246924	573.33	15.57	18.21	4/8/2003 14:22	9:22:00	9:18:45	9:11:15										3.065010488	
37	75	1101	0.00131	535	14.291	0.001234635	34.96	0.021481568	608.29	16.32	19.16	4/8/2003 15:22	10:22:00	10:18:45	10:11:15									3.219730838	
33	75	1101	0.00117	535	14.291	0.001101161	31.18	0.022582719	639.47	17.37	20.00	4/8/2003 16:21	11:21:00	11:17:45	11:10:15									3.368976106	
53	75	1101	0.00187	535	14.291	0.001768531	50.08	0.02435125	689.55	18.73	21.36	4/8/2003 18:04	13:04:00	13:00:45	12:53:15									3.614784456	
40	75	1101	0.00141	535	14.291	0.00133474	37.80	0.02568599	727.34	19.76	22.39	4/8/2003 20:03	15:03:00	14:59:45	14:52:15									3.879432948	
37	75	1101	0.00131	535	14.291	0.001234635	34.96	0.026920624	762.30	20.71	23.34	4/8/2003 21:32	16:32:00	16:28:45	16:21:15									4.066120182	
37	75	1101	0.00131	535	14.291	0.001234635	34.96	0.028155259	797.27	21.65	24.29	4/8/2003 22:50	17:50:00	17:46:45	17:39:15									4.229293153	
40	75	1100	0.00141	535	14.278	0.001333528	37.76	0.029488787	835.03	22.68	25.32	4/9/2003 0:28	19:28:00	19:24:45	19:17:15									4.412104562	
48	75	1101	0.0017	535	14.291	0.001601688	45.35	0.031090475	880.38	23.91	26.55	4/9/2003 3:24	22:24:00	22:20:45	22:13:15									4.732863826	
77	75	1100	0.00272	535	14.278	0.002567041	72.69	0.033657516	953.07	25.89	28.52	4/9/2003 7:06	26:06:00	26:02:45	25:55:15									5.10881591	
61	75	1100	0.00215	535	14.278	0.00203363	57.59	0.035691146	1010.66	27.45	30.09	4/9/2003 11:04	30:04:00	30:00:45	29:53:15									5.483308004	
97	78	1090	0.00343	538	14.148	0.003186538	90.23	0.038877685	1100.89	29.90	32.54	4/9/2003 17:43	36:43:00	36:39:45	36:32:15									6.059427916	
199	75	1089	0.00703	535	14.135	0.006567958	185.98	0.045445643	1286.87	34.95	37.59	4/10/2003 8:58	51:58:00	51:54:45	51:47:15									7.20879093	
165	75	1083	0.00583	535	14.057	0.00541579	153.36	0.050861433	1440.23	39.12	41.75	4/10/2003 23:52	66:52:00	66:48:45	66:41:15									8.177204086	
91	75	1083	0.00321	535	14.057	0.00298689	85.58	0.053848324	1524.81	41.42	44.05	4/11/2003 8:47	75:47:00	75:43:45	75:36:15									8.705362332	
122	75	1081	0.00341	535	14.031	0.003997007	113.18	0.057845331	1637.99	44.49	47.13	4/11/2003 23:45	90:45:00	90:41:45	90:34:15									9.562879442	
92	75	1083	0.00323	535	14.057	0.003019713	85.51	0.060865044	1723.50	46.81	49.45	4/12/2003 12:39	103:39:00	103:35:45	103:28:15									10.18096844	
143	75	1084	0.00505	535	14.070	0.004596919	133.07	0.063456533	1856.53	50.18	52.82	4/12/2003 12:52	104:52:00	104:48:45	104:41:15									11.30781441	
136	75	1078	0.0048	535	13.952	0.004443315	125.82	0.070006378	1982.35	53.84	56.48	4/14/2003 18:21	154:28:00	154:24:45	154:17:15									12.42846196	
98	75	1074	0.00346	535	13.940	0.00318992	90.33	0.073196298	2072.88	56.30	58.93	4/15/2003 12:01	175:01:00	174:57:45	174:50:15									13.22938648	
136	75	1064	0.0048	535	13.810	0.00438561	124.19	0.077581907	2196.87	59.67	62.30	4/16/2003 16:30	203:30:00	203:26:45	203:19:15									14.26534262	
88	75	1081	0.00311	535	14.031	0.002883087	81.64	0.080464995	2278.51	61.89	64.52	4/17/2003 21:46	232:46:00	232:42:45	232:35:15									15.25669252	
72	75	1069	0.00254	535	13.875	0.002332704	66.05	0.082797699	2344.56	63.68	66.32	4/18/2003 19:26	254:26:00	254:22:45	254:15:15									15.95096653	
119	75	1083	0.0042	535	14.057	0.003909593	110.60	0.086703632	2455.16	66.69	69.32	4/20/2003 17:35	300:35:00	300:31:45	300:24:15									17.33739328	
48	75	1085	0.0017	535	14.083	0.001578412	44.70	0.088282044	2499.86	67.90	70.53	4/21/2003 15:28	322:28:00	322:24:45	322:17:15									17.9573569	
68	75	1082	0.0024	535	14.044	0.002229901	63.14	0.090511945	2563.00	69.62	72.25	4/22/2003 19:59	350:59:00	350:55:45	350:48:15									18.73454919	
104	75	1068	0.00367	535	13.862	0.003366309	95.32	0.093878254	2658.33	72.20	74.84	4/24/2003 10:45	389:45:00	389:41:45	389:34:15									19.74208702	
69	75	1080	0.00244	535	14.018	0.002258511	63.95	0.096136766	2722.28	73.94	76.58	4/26/2003 12:47	439:47:00	439:43:45	439:36:15									20.97101174	
58	71	1080	0.00205	531	14.018	0.00191276	54.16	0.098049526	2776.44	75.41	78.05	4/28/2003 10:53	485:53:00	485:49:45	485:42:15									22.04276147	
40	75	1081	0.00141	535	14.031	0.001310494	37.11	0.09936002	2813.55	76.42	79.06	4/29/2003 12:07	511:07:00	511:03:45	510:56:15									22.60788948	
44	72	1072	0.00155	532	13.914	0.001437603	40.71	0.100797623	2854.26	77.53	80.16	4/30/2003 12:05	535:05:00	535:01:45	534:54:15									23.13186835	
38	76	1079	0.00134	536	14.005	0																			

20	78	1081	0.00071	538	14.031	0.000651593	18.45	0.148546904	4206.36	114.25	116.89	10/20/2003 15:40	4690:40:00	4690:36:45	4690:29:15	68.48844185		
4	72	1075	0.00014	532	13.953	0.000131057	3.71	0.148677961	4210.08	114.35	116.99	10/27/2003 15:06	4858:06:00	4858:02:45	4857:55:15	69.70007174		
7	72	1080	0.00025	532	14.018	0.000230416	6.52	0.148908378	4216.60	114.53	117.16	11/3/2003 10:15	5021:15:00	5021:11:45	5021:04:15	70.860779		
18	75	1085	0.00064	535	14.083	0.000591905	16.76	0.149500282	4233.36	114.98	117.62	11/10/2003 11:23	5190:23:00	5190:19:45	5190:12:15	72.04431507		
35	75	1069	0.00124	535	13.875	0.001133953	32.11	0.150634236	4265.47	115.86	118.49	11/17/2003 16:31	5363:31:00	5363:27:45	5363:20:15	73.23603394		
-8	73	1086	-0.0003	533	14.096	-0.000264299	-7.48	0.150368936	4257.99	115.65	118.29	11/24/2003 14:27	5529:27:00	5529:23:45	5529:16:15	74.36027165		
-2	75	1090	-7E-05	535	14.148	-6.60702E-05	-1.87	0.150303866	4256.12	115.60	118.24	12/4/2003 20:07	5775:07:00	5775:03:45	5774:56:15	75.99418837		
DECANISTERED 12/05/2003, sample air dried for 36 days																		

SAMPLE: 772.0' to 773.0' (Mineral coal) in canister 11		lbs.	grams	moisture %	est. lost gas (cc) =	TIME OF:	elapsed time (off bottom to canistering)									
dry sample weight:	3.529	1600.94	wet sample weight:	3.599	1632.58	1.94%	205									
RIG/LAB MEASUREMENTS	CONVERSION OF RIG/LAB MEASUREMENTS			TO STP (@60 deg		CUMULATIVE VOLUMES @		TIME SINCE								
measured cc	measured T (F)	measured P (psia)	cubic ft (absolute T (F), absolute P (psia))	cubic ft (@STP)	cc (@STP)	without lost gas	with lost gas	TIME OF MEASUREMENT	at surface	in canister	SQRT hrs. (since off bottom)					
								off bottom	at surface	in canister	SQRT hrs.					
10	75	1100	0.00212	535	14.278	0.002000292	56.84	0.002000292	56.84	1.13	5.24	4/8/2003 7:11	0:25:00	0:21:30	0:09:30	0.645497224
60	75	1100	0.00035	535	14.278	0.000333322	9.44	0.002333674	66.08	1.32	5.42	4/8/2003 7:13	0:27:00	0:23:00	0:11:30	0.670280393
16	75	1100	0.00037	535	14.278	0.000533411	15.10	0.002867095	81.19	1.62	5.73	4/8/2003 7:16	0:30:15	0:26:45	0:14:48	0.710046847
15	75	1100	0.00053	535	14.278	0.000500073	14.16	0.003367158	95.35	1.91	6.01	4/8/2003 7:19	0:32:30	0:29:00	0:17:00	0.735980072
15	75	1100	0.00053	535	14.278	0.000500073	14.16	0.003867231	109.51	2.19	6.29	4/8/2003 7:22	0:36:15	0:32:45	0:20:45	0.777281588
17	75	1100	0.0006	535	14.278	0.000566749	16.05	0.00443398	125.56	2.51	6.61	4/8/2003 7:27	0:40:30	0:37:00	0:25:00	0.821583836
12	75	1100	0.00042	535	14.278	0.000400058	11.33	0.004834039	136.88	2.74	6.84	4/8/2003 7:29	0:43:15	0:39:45	0:27:45	0.849019042
6	75	1100	0.00021	535	14.278	0.000200029	5.66	0.005034068	142.55	2.85	6.95	4/8/2003 7:31	0:44:45	0:41:15	0:29:15	0.863616427
13	75	1100	0.00046	535	14.278	0.000433397	12.27	0.005467464	154.82	3.10	7.20	4/8/2003 7:34	0:48:15	0:44:45	0:32:45	0.896753403
14	75	1100	0.00049	535	14.278	0.000466735	13.22	0.005934199	168.04	3.36	7.47	4/8/2003 7:38	0:52:15	0:48:45	0:36:45	0.933184512
11	75	1100	0.00039	535	14.278	0.00036672	10.38	0.006300919	178.42	3.57	7.67	4/8/2003 7:42	0:55:30	0:52:00	0:40:00	0.961769203
30	75	1100	0.00106	535	14.278	0.001000146	28.32	0.007301065	206.74	4.14	8.24	4/8/2003 7:51	1:05:00	1:01:30	0:49:30	1.040833
42	75	1100	0.00148	535	14.278	0.001400204	39.65	0.008701269	246.39	4.93	9.03	4/8/2003 8:07	1:20:30	1:17:00	1:05:00	1.158303357
48	75	1101	0.0017	535	14.291	0.001601688	45.35	0.010302958	291.75	5.84	9.94	4/8/2003 8:26	1:39:30	1:36:00	1:24:00	1.287762918
154	75	1101	0.00544	535	14.291	0.00513875	145.51	0.015441707	437.26	8.75	12.85	4/8/2003 9:42	2:55:30	2:52:00	2:40:00	1.710263138
85	75	1102	0.003	535	14.303	0.002838899	80.39	0.018280606	517.65	10.36	14.46	4/8/2003 10:39	3:53:15	3:49:45	3:37:45	1.971674415
128	75	1102	0.00452	535	14.303	0.004275048	121.06	0.022556654	638.70	12.78	16.88	4/8/2003 12:18	5:31:35	5:28:05	5:16:05	2.350827278
80	75	1102	0.00283	535	14.303	0.002671905	75.66	0.025227559	714.36	14.30	18.40	4/8/2003 13:19	6:32:30	6:29:00	6:17:00	2.657662909
60	75	1102	0.00212	535	14.303	0.002003929	56.74	0.02731488	771.11	15.43	19.53	4/8/2003 14:20	7:33:30	7:30:00	7:18:00	2.74924232
60	75	1101	0.00212	535	14.291	0.00200211	56.69	0.028233598	827.80	16.57	20.67	4/8/2003 15:21	8:34:30	8:31:00	8:19:00	2.928310093
50	75	1101	0.00177	535	14.291	0.001668425	47.24	0.030902023	875.04	17.51	21.61	4/8/2003 16:20	9:33:30	9:30:00	9:18:00	3.091655436
83	75	1101	0.00293	535	14.291	0.002769586	78.43	0.033671609	953.47	19.08	23.18	4/8/2003 18:05	11:18:30	11:15:00	11:03:00	3.362786543
68	75	1101	0.0024	535	14.291	0.002289058	64.25	0.035940668	1017.72	20.37	24.47	4/8/2003 20:00	13:13:30	13:10:00	12:58:00	3.636619309
56	75	1101	0.00198	535	14.291	0.001868636	52.91	0.037809304	1070.64	21.42	25.53	4/8/2003 21:31	14:44:30	14:41:00	14:29:00	3.839487813
45	75	1101	0.00159	535	14.291	0.001501583	42.52	0.039310887	1113.16	22.28	26.38	4/8/2003 22:47	16:00:30	15:57:00	15:45:00	4.001041531
59	75	1100	0.00208	535	14.278	0.001966954	55.70	0.04127784	1168.85	23.39	27.49	4/9/2003 0:30	17:43:30	17:40:00	17:28:00	4.21066887
78	75	1101	0.00275	535	14.291	0.002602743	73.70	0.043880564	1242.56	24.87	28.97	4/9/2003 3:26	20:39:30	20:36:00	20:24:00	4.545143929
90	75	1100	0.00318	535	14.278	0.003000438	84.96	0.046881021	1327.52	26.57	30.67	4/9/2003 7:04	24:17:30	24:14:00	24:02:00	4.928657694
107	75	1100	0.00378	535	14.278	0.003567187	101.01	0.050448208	1428.53	28.59	32.69	4/9/2003 11:07	28:20:30	28:17:00	28:05:00	5.323689197
99	78	1090	0.0035	538	14.148	0.00325224	92.09	0.053700449	1520.62	30.43	34.53	4/9/2003 17:48	35:01:30	34:58:00	34:46:00	5.918192292
252	75	1089	0.0089	535	14.135	0.008317213	235.52	0.062017662	1796.14	35.14	39.25	4/10/2003 8:55	50:08:30	50:05:00	49:53:00	7.081078072
222	75	1083	0.00784	535	14.057	0.007286699	206.34	0.069304362	1962.47	39.27	43.37	4/10/2003 23:50	65:03:30	65:00:00	64:48:00	8.065874617
125	75	1083	0.00441	535	14.057	0.004102871	116.18	0.073407233	2078.65	41.60	45.70	4/11/2003 8:46	73:59:30	73:56:00	73:44:00	8.601840888
163	75	1081	0.00576	535	14.031	0.005340264	151.22	0.078747497	2229.87	44.62	48.73	4/11/2003 23:42	88:55:30	88:52:00	88:40:00	9.43005302
128	75	1083	0.00452	535	14.057	0.00430134	118.97	0.082948937	2348.84	47.95	51.11	4/12/2003 12:37	101:50:30	101:47:00	101:35:00	10.93166323
194	75	1084	0.00685	535	14.070	0.006373536	180.48	0.089322373	2529.32	50.62	54.72	4/13/2003 12:53	126:06:30	126:03:00	125:51:00	11.22979687
160	75	1079	0.00565	535	14.005	0.005232278	148.16	0.094554651	2677.48	53.58	57.68	4/14/2003 14:36	151:49:30	151:46:00	151:34:00	12.32172877
115	75	1075	0.00406	535	13.953	0.003746759	106.10	0.09830141	2783.58	55.70	59.81	4/15/2003 11:44	172:57:30	172:54:00	172:42:00	13.15136241
127	75	1064	0.00448	535	13.810	0.004095385	115.97	0.102396796	2899.54	58.02	62.13	4/16/2003 16:31	201:44:30	201:41:00	201:29:00	14.20357936
137	75	1081	0.00484	535	14.031	0.004488443	127.10	0.106885238	3026.64	60.57	64.67	4/17/2003 21:47	231:00:30	230:57:00	230:45:00	15.1989583
108	75	1069	0.00381	535	13.875	0.003499056	99.08	0.110384294	3125.72	62.55	66.65	4/18/2003 19:27	252:40:30	252:37:00	252:25:00	15.89575415
170	75	1083	0.006	535	14.057	0.005579905	158.00	0.115964199	3283.73	65.71	69.81	4/20/2003 17:36	298:49:30	298:46:00	298:34:00	17.28655547
87	75	1085	0.00307	535	14.083	0.002860872	81.01	0.118825071	3364.74	67.33	71.44	4/21/2003 15:29	320:42:30	320:39:00	320:27:00	17.90833139
99	75	1082	0.0035	535	14.044	0.003246474	91.93	0.122071545	3456.67	69.17	73.28	4/22/2003 20:00	349:13:30	349:10:00	348:58:00	18.68756271
135	75	1068	0.00477	535	13.862	0.004369728	123.74	0.126441273	3580.40	71.65	75.75	4/24/2003 10:48	388:01:30	387:58:00	387:46:00	19.69835018
125	80	1080	0.00441	540	14.018	0.004053622	114.79	0.130494895	3695.19	73.95	78.05	4/26/2003 12:49	438:02:30	437:59:00	437:47:00	20.92944497
99	71	1080	0.0035	531	14.018	0.003264883	92.45	0.133759778	3787.64	75.80	79.90	4/28/2003 10:54	484:07:30	484:04:00	483:52:00	22.00284073
68	75	1081	0.0024	535	14.031	0.00222784	63.09	0.135887618	3850.73	77.06	81.16	4/29/2003 12:08	509:21:30	509:18:00	509:06:00	22.5896837
61	72	1071	0.00215	532	13.901	0.001991182	56.38	0.1379788	3907.11	78.19	82.29	4/30/2003 12:06	533:19:30	533:16:00	533:04:00	23.09383034
49	76	1079	0.00208	536	14.005	0.001925903	54.53	0.139904603	3961.64	79.28	83.38	5/1/2003 13:17	558:30:30	558:27:00	558:15:00	23.63278091
59	75	1084	0.00173	535	14.070	0.001609811	45.58	0.141514413	4007.23	80.19	84.29	5/2/2003 14:36	633:49:30	633:46:00	633:34:00	24.16247709
55	75	1085	0.00194	535	14.063	0.001808997	51.21	0.143320311	4058.44	81.22	85.32	5/3/2003 10:51	604:04:30	604:01:00	603:49:00	24.57793726
50	75	1067	0.00177	535	13.849	0.001616903	45.79	0.144939913	4104.23	82.13	86.23					

48	73	1079	0.0017	533	14.005	0.001575574	44.62	0.187167412	6299.97	106.06	110.16	6/23/2003 11:24	1828:37:30	1828:34:00	1828:22:00	42.76242509	
44	73	1078	0.00155	533	13.992	0.001442937	40.86	0.18861035	5340.83	106.88	110.98	6/25/2003 16:21	1881:34:30	1881:31:00	1881:19:00	43.37712531	
33	74	1082	0.00117	534	14.044	0.001084184	30.70	0.189694534	5371.53	107.49	111.59	6/27/2003 15:18	1928:31:30	1928:28:00	1928:16:00	43.91497467	
35	72	1088	0.00124	532	14.122	0.001160616	32.86	0.19085515	5404.40	108.15	112.25	6/30/2003 11:15	1996:28:30	1996:25:00	1996:13:00	44.68193147	
47	73	1078	0.00166	533	13.992	0.001541319	43.65	0.192396469	5448.04	109.02	113.13	7/3/2003 9:56	2067:09:30	2067:06:00	2066:54:00	45.46601295	
46	75	1078	0.00162	535	13.992	0.001502866	42.56	0.193899355	5490.60	109.87	113.98	7/5/2003 19:56	2125:09:30	2125:06:00	2124:54:00	46.09943962	
28	74	1081	0.00099	534	14.031	0.000919064	26.02	0.194818419	5516.62	110.40	114.50	7/7/2003 14:06	2167:19:30	2167:16:00	2167:04:00	46.55453791	
54	75	1081	0.00191	535	14.031	0.001739167	50.10	0.195897586	5596.72	111.40	115.50	7/11/2003 18:11	2285:24:30	2285:21:00	2285:09:00	47.59630598	
52	75	1084	0.00184	535	14.070	0.00170837	48.38	0.198295957	5615.09	112.37	116.47	7/15/2003 13:57	2359:10:30	2359:07:00	2358:55:00	48.57113929	
72	75	1079	0.00254	535	14.005	0.002354525	66.67	0.200650482	5681.77	113.70	117.80	7/21/2003 16:33	2505:46:30	2505:43:00	2505:31:00	50.05771689	
74	79	1081	0.00261	539	14.031	0.002406422	68.84	0.203056904	5749.91	115.06	119.17	7/28/2003 20:29	2677:42:30	2677:39:00	2677:27:00	51.74657799	
64	75	1079	0.00226	535	14.005	0.002092911	59.26	0.205149816	5809.17	116.25	120.35	8/4/2003 13:48	2839:01:30	2838:58:00	2838:46:00	53.28250182	
66	78	1086	0.00233	538	14.096	0.002160204	61.17	0.207310019	5870.34	117.47	121.58	8/11/2003 14:03	3007:16:30	3007:13:00	3007:01:00	54.8386269	
70	76	1082	0.00247	536	14.044	0.002291204	64.88	0.209601223	5935.22	118.77	122.87	8/18/2003 20:05	3181:18:30	3181:15:00	3181:03:00	56.40308798	
63	76	1083	0.00222	536	14.057	0.002063989	58.45	0.211665212	5993.67	119.94	124.04	8/24/2003 22:50	3328:03:30	3328:00:00	3327:48:00	57.68932599	
50	78	1086	0.00177	538	14.096	0.001636518	46.34	0.21330173	6040.01	120.87	124.97	9/1/2003 14:53	3512:06:30	3512:03:00	3511:51:00	59.26304357	
43	75	1084	0.00152	535	14.070	0.001412691	40.00	0.214714421	6080.01	121.67	125.77	9/8/2003 14:07	3679:20:30	3679:17:00	3679:05:00	60.65757716	
44	76	1085	0.00155	536	14.083	0.001444178	40.89	0.21615866	6120.91	122.49	126.59	9/15/2003 15:16	3848:29:30	3848:26:00	3848:14:00	62.03621254	
58	78	1084	0.00205	538	14.070	0.001894865	53.66	0.218053464	6174.56	123.56	127.66	9/23/2003 10:52	4036:05:30	4036:02:00	4035:50:00	63.53024214	
29	78	1091	0.00102	538	14.161	0.00095355	27.00	0.219007015	6201.56	124.10	128.20	9/26/2003 18:55	4116:08:30	4116:05:00	4115:53:00	64.1571638	
56	80	1085	0.00198	540	14.083	0.00182443	51.66	0.220831445	6253.23	125.14	129.24	10/6/2003 12:18	4349:31:30	4349:28:00	4349:16:00	65.95092873	
50	81	1084	0.00177	541	14.070	0.001624446	46.00	0.222455891	6299.23	126.06	130.16	10/14/2003 23:14	4552:27:30	4552:24:00	4552:12:00	67.47190773	
31	78	1081	0.00109	538	14.031	0.00100997	28.60	0.22346596	6327.82	126.63	130.73	10/20/2003 15:40	4688:53:30	4688:50:00	4688:38:00	68.47548223	
21	72	1075	0.00074	532	13.953	0.000688049	19.48	0.224153909	6347.31	127.02	131.12	10/27/2003 15:09	4856:22:30	4856:19:00	4856:07:00	69.68769619	
19	72	1080	0.00067	532	14.018	0.000625416	17.71	0.224779325	6385.02	127.37	131.48	11/3/2003 10:15	5019:28:30	5019:25:00	5019:13:00	70.84825333	
32	75	1085	0.00113	535	14.063	0.001052275	29.80	0.22583116	6394.81	127.97	132.07	11/10/2003 11:24	5188:37:30	5188:34:00	5188:22:00	72.0321109	
45	76	1089	0.00159	536	13.875	0.00145522	41.21	0.22728682	6436.02	128.79	132.90	11/17/2003 16:31	5361:44:30	5361:41:00	5361:29:00	73.22391458	
14	73	1086	0.00049	533	14.096	0.000462524	13.10	0.227749343	6449.12	129.06	133.16	11/24/2003 14:28	5527:41:30	5527:38:00	5527:26:00	74.38484764	
25	75	1090	0.00088	535	14.148	0.000825878	23.39	0.228575221	6472.51	129.52	133.63	12/4/2003 20:13	5773:26:30	5773:23:00	5773:11:00	75.983167	
23	74	1083	0.00081	534	14.057	0.000756342	21.42	0.229331563	6493.92	129.95	134.06	12/10/2003 15:01	5912:14:30	5912:11:00	5911:59:00	76.89110265	
22	76	1087	0.00078	536	14.109	0.00072342	20.48	0.230054984	6514.41	130.36	134.47	12/16/2003 14:25	6055:38:30	6055:35:00	6055:23:00	77.81800349	
23	73	1081	0.00081	533	14.031	0.000756362	21.42	0.230811345	6535.82	130.79	134.89	12/22/2003 16:10	6201:23:30	6201:20:00	6201:08:00	78.74891534	
24	75	1082	0.00085	535	14.044	0.000780224	22.29	0.231598369	6558.11	131.24	135.34	12/29/2003 14:37	6367:50:30	6367:47:00	6367:35:00	79.7987573	
11	74	1103	0.00039	534	14.316	0.000368409	10.43	0.231966778	6568.54	131.45	135.55	1/6/2004 15:13	6560:26:30	6560:23:00	6560:11:00	80.9965342	
28	75	1093	0.00099	535	14.187	0.000927529	26.26	0.232894307	6594.81	131.97	136.07	1/12/2004 11:47	6701:00:30	6700:57:00	6700:45:00	81.85968686	
36	75	1089	0.00127	535	14.135	0.001188173	33.65	0.234082481	6628.45	132.65	136.75	1/21/2004 10:37	6915:50:30	6915:47:00	6915:35:00	83.16153959	
13	71	1091	0.00046	531	14.161	0.000433089	12.26	0.234515569	6640.72	132.89	136.99	1/27/2004 10:13	7059:26:30	7059:23:00	7059:11:00	84.02048361	
24	75	1085	0.00085	535	14.083	0.000789206	22.35	0.235304775	6663.06	133.34	137.44	2/2/2004 15:44	7208:57:30	7208:54:00	7208:42:00	84.90584842	
15	75	1091	0.00053	535	14.161	0.000495981	14.04	0.235800757	6677.11	133.62	137.72	2/9/2004 10:36	7371:49:30	7371:46:00	7371:34:00	85.8933263	
19	75	1091	0.00067	535	14.161	0.000628243	17.79	0.236429	6694.90	133.97	138.08	2/16/2004 14:27	7543:40:30	7543:37:00	7543:25:00	86.85433207	
20	74	1086	0.00071	534	14.096	0.000639511	18.98	0.237088511	6713.57	134.35	138.45	2/23/2004 14:34	7711:47:30	7711:44:00	7711:32:00	87.81680743	
16	75	1091	0.00057	535	14.161	0.000529047	14.98	0.237617587	6728.55	134.65	138.75	3/2/2004 10:50	7900:03:30	7900:00:00	7899:48:00	88.88227232	
3	75	1088	0.00011	535	14.122	9.89235E-05	2.80	0.237716481	6731.36	134.70	138.81	3/8/2004 10:09	8043:22:30	8043:19:00	8043:07:00	89.68486494	
35	74	1081	0.00124	534	14.031	0.00114883	32.53	0.238865311	6763.89	135.36	139.46	3/15/2004 11:43	8212:56:30	8212:53:00	8212:41:00	90.62528161	
13	75	1097	0.00046	535	14.239	0.000432215	12.24	0.239297525	6776.13	135.60	139.70	3/22/2004 10:07	8379:20:30	8379:17:00	8379:05:00	91.53874407	
19	75	1088	0.00067	535	14.122	0.000626516	17.74	0.239924041	6793.87	135.96	140.06	3/30/2004 20:37	8581:50:30	8581:47:00	8581:35:00	92.63820005	
24	75	1080	0.00085	535	14.018	0.000785569	22.24	0.24070961	6816.11	136.40	140.50	4/6/2004 14:46	8743:59:30	8743:56:00	8743:44:00	93.59931326	
8	75	1086	0.00028	535	14.096	0.000263311	7.46	0.240972921	6823.57	136.55	140.65	4/12/2004 15:03	8888:16:30	8888:13:00	8888:01:00	94.27764846	
10	88	1088	0.00035	528	14.122	0.000334117	9.46	0.241307038	6833.03	136.74	140.84	4/19/2004 14:32	9055:45:30	9055:42:00	9055:30:00	95.16174827	estimate
30	76	1090	0.00106	536	14.148	0.00089205	28.01	0.242296243	6861.04	137.30	141.40	4/26/2004 11:37	9220:50:30	9220:47:00	9220:35:00	96.0252137	
29	76	1083	0.00102	536	14.057	0.00095009	26.90	0.243246333	6887.94	137.84	141.94	5/3/2004 19:15	9396:28:30	9396:25:00	9396:13:00	96.93541664	
25	77	1081	0.00088	537	14.031	0.000816008	23.11	0.244062341	6911.05	138.30	142.40	5/10/2004 14:05	9559:18:30	9559:15:00	9559:03:00	97.77171541	
18	78	1082	0.00064	538	14.044	0.000586976	16.62	0.244649318	6927.67	138.63	142.74	5/17/2004 9:48	9723:01:30	9722:58:00	9722:46:00	98.60540046	
20	74	1075	0.00071	534	13.953	0.00065283	18.49	0.245302148	6946.16	139.00	143.11	5/24/2004 10:34	9891:47:30	9891:44:00	9891:32:00	99.45748673	
15	77	1077	0.00053	537	13.979	0.000487793	13.81	0.245789942	6959.97	139.28	143.38	6/1/2004 10:58	10084:11:30	10084:08:00	10083:56:00	100.420076	
21	78	1076	0.00074	538	13.966	0.000681008	19.28	0.24647095	6979.25	139.67	143.77	6/7/2004 10:39	10227:52:30	10227:49:00	10227:37:00	101.132957	
8	75	1078	0.00028	535	13.992	0.0002											

SAMPLE: B38.3 to B39.1 (Tebco coal) in canister L			lbs.		grams		moisture %		est. lost gas (cc =		TIME OF:		elapsed time (off bottom to canistering)										
dry sample weight:		3.225	1462.90			3.290	1492.38	1.98%		208		off bottom	at surface	in canister	16.1 minutes								
RIG/LAB MEASUREMENTS		CONVERSION OF RIG/LAB MEASUREMENTS TO STP (@60 deg											CUMULATIVE VOLUMES @		SCF/TON	SCF/TON	TIME OF MEASU		TIME SINCE	in canister		elapsed time (off bottom to canistering)	
measured cc	measured T (F)	measured P (psi)	absolute T (F)	absolute P (psi)	cc (@STP)	cc (@STP)	cc	cc	without lost gas	with lost gas	TIME OF MEASU	off bottom	at surface	in canister	SQRT hrs. (since off bottom)	SQRT (hrs)							
15	80	1102	0.00053	540	14.303	0.000496343	14.05	0.000496343	14.05	0.31	4.86	4/8/2003 11:13	0:19:00	0:15:00	0:02:51	0.562731434							
13	80	1102	0.00046	540	14.303	0.000430164	12.18	0.000392508	26.24	0.57	5.13	4/8/2003 11:15	0:21:00	0:17:00	0:04:51	0.591807978							
7	80	1102	0.00025	540	14.303	0.000231627	6.36	0.001158195	32.79	0.72	5.27	4/8/2003 11:16	0:22:23	0:18:23	0:06:14	0.61078274							
12	80	1102	0.00042	540	14.303	0.000397075	11.24	0.001555209	44.04	0.96	5.52	4/8/2003 11:18	0:24:25	0:20:25	0:08:16	0.637921974							
8	80	1102	0.00028	540	14.303	0.000264717	7.50	0.001819926	51.53	1.13	5.68	4/8/2003 11:20	0:26:00	0:22:00	0:09:51	0.658280588							
9	80	1102	0.00032	540	14.303	0.000297806	8.43	0.002117732	59.97	1.31	5.87	4/8/2003 11:21	0:27:27	0:23:27	0:11:18	0.676387463							
9	80	1102	0.00032	540	14.303	0.000297806	8.43	0.002415538	68.40	1.50	6.05	4/8/2003 11:23	0:29:45	0:25:45	0:13:36	0.704154339							
7	80	1102	0.00025	540	14.303	0.000231627	6.56	0.002647165	74.96	1.64	6.20	4/8/2003 11:25	0:31:20	0:27:20	0:15:11	0.722649446							
15	80	1102	0.00053	540	14.303	0.000496343	14.05	0.003143509	89.01	1.95	6.50	4/8/2003 11:28	0:34:31	0:30:31	0:18:22	0.758470683							
11	80	1102	0.00039	540	14.303	0.000363985	10.31	0.003507494	99.32	2.18	6.73	4/8/2003 11:30	0:36:36	0:32:36	0:20:27	0.781024968							
64	80	1102	0.00226	540	14.303	0.002117732	59.97	0.005625226	159.29	3.49	8.04	4/8/2003 11:49	0:55:26	0:51:26	0:39:17	0.96119139							
34	80	1102	0.0012	540	14.303	0.001125045	31.86	0.006750271	191.15	4.19	8.74	4/8/2003 11:57	1:03:58	0:59:58	0:47:49	1.032526567							
23	80	1102	0.00081	540	14.303	0.00076106	21.55	0.007511331	212.70	4.66	9.21	4/8/2003 12:06	1:12:40	1:08:40	0:56:31	1.100504935							
32	80	1102	0.00113	540	14.303	0.001058866	29.98	0.008570197	242.68	5.31	9.87	4/8/2003 12:16	1:22:36	1:18:36	1:06:27	1.173314394							
35	80	1102	0.00124	540	14.303	0.001158135	32.79	0.009728332	275.47	6.03	10.59	4/8/2003 12:28	1:34:28	1:30:28	1:18:19	1.254768682							
23	80	1102	0.00081	540	14.303	0.00076106	21.55	0.010489392	297.03	6.50	11.06	4/8/2003 12:36	1:42:30	1:38:30	1:26:21	1.307032262							
27	80	1102	0.00095	540	14.303	0.000893418	25.30	0.01138281	322.32	7.06	11.61	4/8/2003 12:49	1:55:40	1:51:40	1:39:31	1.388444373							
30	80	1102	0.00106	540	14.303	0.000992867	28.11	0.012375497	350.43	7.67	12.23	4/8/2003 13:04	2:10:00	2:06:00	1:53:51	1.471960144							
73	80	1102	0.00358	540	14.303	0.002415538	68.40	0.014761035	418.93	9.17	13.73	4/8/2003 13:47	3:33:00	3:29:00	3:16:51	1.69803084							
60	80	1102	0.00283	540	14.291	0.002644763	74.89	0.017435798	493.72	10.81	15.37	4/8/2003 14:42	3:48:00	3:44:00	3:31:51	1.943589889							
70	80	1102	0.00247	540	14.291	0.002314168	65.53	0.019749966	559.25	12.25	18.28	4/8/2003 15:38	4:44:00	4:40:00	4:27:51	2.175622516							
72	80	1102	0.00254	540	14.291	0.002380287	67.40	0.022130252	626.66	13.72	18.28	4/8/2003 16:37	5:43:00	5:39:00	5:26:51	2.390955179							
98	80	1102	0.00346	540	14.291	0.003239835	91.74	0.025370087	718.40	15.73	20.29	4/8/2003 18:09	7:15:00	7:11:00	6:58:51	2.692582404							
74	80	1102	0.00261	540	14.291	0.002446406	69.27	0.027816493	787.67	17.25	21.80	4/8/2003 19:18	8:24:00	8:20:00	8:07:51	2.898275349							
64	80	1102	0.00226	540	14.291	0.00211581	59.91	0.029932303	847.59	18.56	23.12	4/8/2003 21:28	10:34:00	10:30:00	10:17:51	3.250640962							
49	80	1102	0.00173	540	14.291	0.001619917	45.87	0.03155222	893.46	19.57	24.12	4/8/2003 22:46	11:52:00	11:48:00	11:35:51	3.444802849							
58	80	1100	0.00205	540	14.278	0.001915712	54.25	0.033467932	947.70	20.75	25.31	4/9/2003 0:31	13:37:00	13:33:00	13:20:51	3.690076783							
65	80	1102	0.0023	540	14.291	0.00214887	60.85	0.035616802	1008.55	22.09	26.64	4/9/2003 3:27	16:33:00	16:29:00	16:16:51	4.068169121							
90	80	1100	0.00318	540	14.278	0.002972656	84.18	0.038589458	1092.73	23.93	28.49	4/9/2003 7:02	20:08:00	20:04:00	19:51:51	4.487018312							
85	80	1100	0.003	540	14.278	0.002807508	79.50	0.041396956	1172.23	25.67	30.23	4/9/2003 11:08	24:14:00	24:10:00	23:57:51	4.922736366							
91	80	1090	0.00321	540	14.148	0.002978361	84.34	0.044375327	1256.56	27.52	32.07	4/9/2003 17:49	30:55:00	30:51:00	30:38:51	5.560275773							
240	80	1089	0.00848	540	14.135	0.007847812	222.22	0.052223139	1478.79	32.39	36.94	4/10/2003 8:52	45:58:00	45:54:00	45:41:51	6.779872772							
190	80	1083	0.00671	540	14.057	0.00617862	174.96	0.058401759	1653.75	36.22	40.77	4/10/2003 20:47	57:53:00	57:49:00	57:36:51	7.608109708							
104	80	1083	0.00367	540	14.057	0.003381982	95.77	0.061778374	1749.51	38.31	42.87	4/11/2003 8:45	69:51:00	69:47:00	69:34:51	8.357631243							
134	80	1073	0.00473	540	14.013	0.003628206	123.45	0.064321306	1892.38	41.01	45.91	4/12/2003 2:41	84:33:00	84:29:00	84:13:00	9.84370863							
98	80	1083	0.00346	540	14.057	0.003186867	90.24	0.069320114	1982.92	42.99	47.54	4/12/2003 12:35	97:41:00	97:37:00	97:24:51	9.883487913							
168	80	1084	0.00593	540	14.070	0.005468246	154.84	0.074788359	2117.76	46.38	50.93	4/13/2003 12:55	122:01:00	121:57:00	121:44:51	11.04611546							
138	80	1078	0.00487	540	13.992	0.004466911	126.49	0.07925527	2244.25	49.15	53.70	4/14/2003 15:29	148:35:00	148:31:00	148:18:51	12.18947634							
98	80	1074	0.00346	540	13.940	0.003160384	89.49	0.082415654	2333.74	51.11	55.66	4/15/2003 12:01	169:07:00	169:03:00	168:50:51	13.00448641							
128	80	1064	0.00452	540	13.810	0.004089414	115.80	0.086505068	2449.54	53.64	58.20	4/16/2003 16:32	197:38:00	197:34:00	197:21:51	14.05821231							
90	80	1081	0.00318	540	14.031	0.00292131	82.72	0.089426378	2532.26	55.46	60.01	4/17/2003 21:48	226:54:00	226:50:00	226:37:51	15.06320019							
81	80	1069	0.00286	540	13.875	0.002599993	73.62	0.092026371	2605.89	57.07	61.62	4/18/2003 19:28	248:34:00	248:30:00	248:17:51	15.76599717							
122	80	1083	0.00431	540	14.057	0.003967325	112.34	0.095993695	2718.23	59.53	64.08	4/20/2003 17:39	294:45:00	294:41:00	294:28:51	17.16828471							
62	80	1085	0.00219	540	14.083	0.002019905	57.20	0.0980136	2775.43	60.78	65.34	4/21/2003 15:30	316:36:00	316:32:00	316:19:51	17.79325715							
70	80	1082	0.00247	540	14.044	0.002274232	64.40	0.100287832	2839.82	62.19	66.75	4/22/2003 20:01	345:07:00	345:03:00	344:50:51	18.5731582							
109	80	1068	0.00385	540	13.862	0.003495483	98.98	0.103783315	2938.81	64.36	68.91	4/24/2003 10:49	383:55:00	383:51:00	383:38:51	19.59379153							
94	80	1080	0.00332	540	14.018	0.003048324	86.32	0.106831638	3025.12	66.25	70.80	4/26/2003 12:51	433:57:00	433:53:00	433:40:51	20.83146658							
81	80	1081	0.00286	540	14.031	0.002629179	74.45	0.109460817	3099.57	67.88	72.43	4/28/2003 10:57	480:03:00	479:59:00	479:46:51	21.91004336							
47	80	1081	0.00166	540	14.031	0.001525573	43.20	0.11098639	3142.77	68.83	73.38	4/29/2003 12:09	505:15:00	505:11:00	504:58:51	22.47776679							
34	80	1071	0.00166	540	13.901	0.00151146	42.80	0.112497851	3185.57	69.76	74.32	4/30/2003 12:07	529:13:00	529:09:00	528:56:51	23.00470966							
47	80	1079	0.00127	540	14.005	0.001101694	31.19	0.113589415	3217.77	70.45	75.00	5/1/2003 13:20	554:22:00	554:18:00	554:05:51	23.54640808							
32	80	1084	0.00113	540	14.070	0.001041571	29.49	0.114648098	3246.26	71.19	75.65	5/2/2003 14:27	579:29:00	579:25:00	579:16:51	24.07384773							
36	80	1085	0.00127	540	14.083	0.001172848	33.21	0.115813833															

36	83	1085	0.00127	543	14.083	0.001166368	33.03	0.164912301	4669.78	102.27	106.82	10/6/2003 12:19	4345:25:00	4345:21:00	4345:08:51	65.91977447
31	81	1084	0.00109	541	14.070	0.001007156	28.52	0.165919458	4698.30	102.89	107.45	10/14/2003 23:17	4548:23:00	4548:19:00	4548:06:51	67.44170322
22	83	1081	0.00078	543	14.031	0.000710153	20.11	0.166629611	4718.41	103.33	107.89	10/20/2003 15:42	4684:48:00	4684:44:00	4684:31:51	68.44559884
18	82	1075	0.00064	542	13.953	0.000578875	16.39	0.167208486	4734.80	103.69	108.25	10/27/2003 15:09	4852:15:00	4852:11:00	4851:58:51	69.65809357
15	80	1080	0.00053	540	14.018	0.000486435	13.77	0.16769492	4748.57	103.99	108.55	11/3/2003 10:16	5015:22:00	5015:18:00	5015:05:51	70.8192535
24	80	1085	0.00085	540	14.083	0.000781899	22.14	0.168476819	4770.71	104.48	109.03	11/10/2003 11:25	5184:31:00	5184:27:00	5184:14:51	72.00358787
37	83	1069	0.00131	543	13.875	0.001181089	33.44	0.169657908	4804.16	105.21	109.76	11/17/2003 16:32	5357:38:00	5357:34:00	5357:21:51	73.15685598
8	81	1086	0.00028	541	14.096	0.000280391	7.37	0.169918299	4811.53	105.37	109.93	11/24/2003 14:28	5523:34:00	5523:30:00	5523:17:51	74.33070147
31	84	1090	0.00109	544	14.148	0.001007148	28.52	0.170925445	4840.05	106.00	110.55	12/4/2003 20:16	5769:22:00	5769:18:00	5769:05:51	75.96634711
19	83	1083	0.00067	543	14.057	0.000614448	17.40	0.171539894	4857.45	106.38	110.93	12/10/2003 15:01	5908:07:00	5908:03:00	5907:50:51	76.86427432
25	88	1087	0.00088	548	14.109	0.000804067	22.77	0.172343961	4880.22	106.88	111.43	12/16/2003 14:26	6051:32:00	6051:28:00	6051:15:51	77.79160195
24	85	1081	0.00085	545	14.031	0.000771869	21.86	0.17311583	4902.08	107.35	111.91	12/22/2003 16:11	6197:17:00	6197:13:00	6197:00:51	78.722826
17	83	1082	0.0006	543	14.044	0.000549262	15.55	0.173665092	4917.63	107.69	112.25	12/29/2003 14:38	6363:44:00	6363:40:00	6363:27:51	79.77301131
6	86	1103	0.00021	546	14.316	0.000196534	5.57	0.173861626	4923.19	107.82	112.37	1/6/2004 15:14	6556:20:00	6556:16:00	6556:03:51	80.97118829
10	81	1093	0.00035	541	14.187	0.000327587	9.28	0.174189212	4932.47	108.02	112.57	1/12/2004 11:48	6696:54:00	6696:50:00	6696:37:51	81.83458926
20	80	1089	0.00071	540	14.135	0.000653984	18.52	0.174843197	4950.99	108.43	112.98	1/21/2004 10:38	6911:44:00	6911:40:00	6911:27:51	83.136835
6	80	1091	0.00021	540	14.161	0.000196556	5.57	0.175039752	4956.56	108.55	113.10	1/27/2004 10:14	7055:20:00	7055:16:00	7055:03:51	83.99603165
18	82	1085	0.00064	542	14.083	0.00058426	16.54	0.175624012	4973.10	108.91	113.46	2/2/2004 15:44	7204:50:00	7204:46:00	7204:33:51	84.88128965
14	84	1091	0.00049	544	14.161	0.000455257	12.89	0.17607927	4985.99	109.19	113.75	2/9/2004 10:37	7367:43:00	7367:39:00	7367:26:51	85.83540451
6	80	1091	0.00021	540	14.161	0.000196556	5.57	0.176275825	4991.56	109.31	113.87	2/16/2004 14:27	7539:33:00	7539:29:00	7539:16:51	86.83058217
18	80	1086	0.00064	540	14.096	0.000586964	16.62	0.17686279	5008.18	109.68	114.23	2/23/2004 14:34	7707:40:00	7707:36:00	7707:23:51	87.79331789
6	80	1091	0.00021	540	14.161	0.000196556	5.57	0.177059345	5013.74	109.80	114.35	3/2/2004 10:50	7895:56:00	7895:52:00	7895:39:51	88.8906444
16	83	1088	0.00057	543	14.122	0.000519819	14.72	0.177579164	5028.46	110.12	114.68	3/8/2004 10:10	8039:16:00	8039:12:00	8038:59:51	89.66195775
11	80	1081	0.00039	540	14.031	0.000357049	10.11	0.177936213	5038.57	110.34	114.90	3/15/2004 11:44	8208:50:00	8208:46:00	8208:33:51	90.60261218
-2	81	1097	-7E-05	541	14.239	-6.57571E-05	-1.86	0.177870456	5036.71	110.30	114.86	3/22/2004 10:07	8375:13:00	8375:09:00	8374:56:51	91.51620986
11	81	1088	0.00039	541	14.122	0.000358697	10.16	0.178229153	5046.87	110.52	115.08	3/30/2004 20:37	8577:43:00	8577:39:00	8577:26:51	92.61596335
23	83	1080	0.00081	543	14.018	0.000741746	21.00	0.178970899	5067.87	110.98	115.54	4/6/2004 14:46	8739:52:00	8739:48:00	8739:35:51	93.48725403
-1	81	1096	-4E-05	541	14.096	-3.25489E-05	-0.92	0.17893835	5066.95	110.96	115.52	4/12/2004 15:04	8884:10:00	8884:06:00	8883:53:51	94.25585747
11	81	1088	0.00039	541	14.122	0.000358697	10.16	0.179297047	5077.11	111.19	115.74	4/19/2004 14:33	9051:39:00	9051:35:00	9051:22:51	95.14015976
5	80	1090	0.00018	540	14.148	0.000163646	4.63	0.179460693	5081.74	111.29	115.84	4/26/2004 11:37	9216:43:00	9216:39:00	9216:26:51	96.00373257
11	80	1083	0.00039	540	14.057	0.00035771	10.13	0.179818403	5091.87	111.51	116.07	5/3/2004 19:16	9392:22:00	9392:18:00	9392:05:51	96.91422324
16	80	1081	0.00057	540	14.031	0.000519344	14.71	0.180337747	5106.58	111.83	116.39	5/10/2004 14:06	9555:12:00	9555:08:00	9554:55:51	97.75070332
13	80	1082	0.00046	540	14.044	0.000422357	11.96	0.180760104	5118.54	112.09	116.65	5/17/2004 9:48	9718:54:00	9718:50:00	9718:37:51	98.58448154
15	80	1075	0.00053	540	13.953	0.000484183	13.71	0.181244266	5132.25	112.39	116.95	5/24/2004 10:35	9887:41:00	9887:37:00	9887:24:51	99.43683087
11	80	1077	0.00039	540	13.979	0.000355728	10.07	0.181600014	5142.32	112.62	117.17	6/1/2004 10:58	10080:04:00	10080:00:00	10079:47:51	100.3995352
18	82	1076	0.00064	542	13.966	0.000579414	16.41	0.182179428	5158.73	112.97	117.53	6/7/2004 10:40	10223:46:00	10223:42:00	10223:29:51	101.1126435
12	83	1078	0.00042	543	13.992	0.000386281	10.94	0.182565709	5169.67	113.21	117.77	6/14/2004 10:53	10391:59:00	10391:55:00	10391:42:51	101.9410778
3	81	1082	0.00011	541	14.044	9.72869E-05	2.75	0.182662996	5172.42	113.27	117.83	6/23/2004 16:30	10613:36:00	10613:32:00	10613:19:51	103.0223277
8	81	1082	0.00028	541	14.044	0.000259432	7.35	0.182922428	5179.77	113.44	117.99	7/1/2004 11:57	10801:03:00	10800:59:00	10800:46:51	103.9281001
-12	73	1081	-0.0004	533	14.031	-0.000394623	-11.17	0.182527804	5188.59	113.19	117.75	7/7/2004 10:37	10943:43:00	10943:39:00	10943:26:51	104.6122204
18	81	1082	0.00064	541	14.044	0.000593722	16.53	0.183111526	5195.12	113.55	118.11	7/13/2004 14:24	11091:30:00	11091:26:00	11091:13:51	105.3161906
11	81	1080	0.00039	541	14.018	0.000356059	10.08	0.183467595	5195.20	113.77	118.33	7/19/2004 11:25	11232:31:00	11232:27:00	11232:14:51	105.9835679
-7	80	1091	-0.0002	540	14.161	-0.000229315	-6.49	0.18323827	5188.71	113.63	118.19	7/26/2004 10:26	11399:32:00	11399:28:00	11399:15:51	106.7685971
20	82	1079	0.00071	542	14.005	0.000645588	18.28	0.183883856	5206.99	114.03	118.59	8/2/2004 14:46	11571:52:00	11571:48:00	11571:35:51	107.5726111
2	81	1086	7.1E-05	541	14.096	6.50977E-05	1.84	0.183948956	5208.83	114.07	118.63	8/9/2004 14:06	11739:12:00	11739:08:00	11738:55:51	108.3475888
-2	80	1088	-7E-05	540	14.122	-6.53384E-05	-1.85	0.183883617	5206.98	114.03	118.59	8/16/2004 11:09	11904:15:00	11904:11:00	11903:58:51	109.1065933
20	81	1076	0.00071	541	13.966	0.000644983	18.26	0.1845286	5225.25	114.43	118.99	8/23/2004 14:16	12075:22:00	12075:18:00	12075:05:51	109.8879733
5	77	1087	-0.0002	537	14.109	-0.000164108	-4.65	0.184364493	5220.60	114.33	118.88	8/30/2004 16:49	12245:55:00	12245:51:00	12245:38:51	110.6612699
-8	80	1088	0.00018	540	14.122	0.000163346	4.63	0.184527839	5225.23	114.43	118.99	9/7/2004 16:00	12437:06:00	12437:02:00	12436:49:51	111.5217468
DECANISTERED 9/07/2004; sample air dried for 21 days																

Table with columns for SAMPLE ID, weight, volume, moisture, gas loss, time, and elapsed time. Rows include 'dry sample weight' and 'RIG/LAB MEASUREMENTS'.

42	85	1084	0.00148	545	14.070	0.00135452	38.36	0.211086274	5977.28	124.65	127.69	10/14/2003 23:18	4547:49:00	4547:44:00	4547:33:10	67.43750193
22	81	1081	0.00078	541	14.031	0.000712778	20.18	0.211799052	5997.46	125.07	128.11	10/20/2003 15:43	4684:14:00	4684:09:00	4683:58:10	68.44145917
18	82	1075	0.00064	542	13.953	0.000578875	16.39	0.212377928	6013.85	125.41	128.45	10/27/2003 15:09	4851:40:00	4851:35:00	4851:24:10	69.65390633
15	80	1080	0.00053	540	14.018	0.000486435	13.77	0.212864362	6027.62	125.70	128.74	11/3/2003 10:16	5014:47:00	5014:42:00	5014:31:10	70.81513492
24	80	1085	0.00085	540	14.083	0.000781899	22.14	0.213646261	6049.77	126.16	129.20	11/10/2003 11:25	5183:56:00	5183:51:00	5183:40:10	71.99953704
61	90	1069	0.00215	550	13.875	0.001922419	54.44	0.215568688	6104.20	127.29	130.34	11/17/2003 16:33	5357:04:00	5356:59:00	5356:48:10	73.19198499
3	83	1086	0.00011	543	14.096	9.72869E-05	2.75	0.215665967	6106.96	127.35	130.40	11/24/2003 14:30	5523:01:00	5522:56:00	5522:45:10	74.3170012
12	75	1090	0.00042	535	14.148	0.000396421	11.23	0.216062388	6118.18	127.59	130.63	12/4/2003 20:18	5768:49:00	5768:44:00	5768:33:10	75.95272653
40	80	1083	0.00141	540	14.057	0.001300762	36.83	0.21736315	6155.02	128.35	131.40	12/10/2003 15:02	5907:33:00	5907:28:00	5907:17:10	76.86056806
21	83	1087	0.00074	543	14.109	0.000681636	19.30	0.218044786	6174.32	128.76	131.80	12/16/2003 14:26	6050:57:00	6050:52:00	6050:41:10	77.7785252
33	86	1081	0.00117	546	14.031	0.001059376	30.00	0.219104162	6204.32	129.38	132.43	12/22/2003 16:11	6196:42:00	6196:37:00	6196:26:10	78.71912093
5	78	1082	0.00018	538	14.044	0.000163049	4.62	0.219267211	6208.93	129.48	132.52	12/29/2003 14:38	6363:09:00	6363:04:00	6362:53:10	79.76935502
35	87	1103	0.00124	547	14.316	0.001144351	32.40	0.220411563	6241.34	130.15	133.20	1/6/2004 15:15	6555:46:00	6555:41:00	6555:30:10	80.96768903
-1	79	1093	-4E-05	539	14.187	-3.28802E-05	-0.93	0.220378682	6240.41	130.13	133.18	1/12/2004 11:48	6696:19:00	6696:14:00	6696:03:10	81.83102509
22	80	1089	0.00078	540	14.135	0.000719383	20.37	0.221098065	6260.78	130.56	133.60	1/21/2004 10:39	6911:10:00	6911:05:00	6910:54:10	83.13342689
10	79	1091	0.00035	539	14.161	0.0003282	9.29	0.221426266	6270.07	130.75	133.80	1/27/2004 10:14	7054:45:00	7054:40:00	7054:29:10	83.99255919
18	80	1085	0.00064	540	14.083	0.000586424	16.61	0.22201269	6286.68	131.10	134.14	2/2/2004 15:45	7204:16:00	7204:11:00	7204:00:10	84.87795159
12	81	1091	0.00042	541	14.161	0.000392385	11.11	0.222405074	6297.79	131.33	134.38	2/9/2004 10:37	7367:08:00	7367:03:00	7366:52:10	85.83200646
17	81	1091	0.0006	541	14.161	0.000555878	15.74	0.222960952	6313.53	131.66	134.70	2/16/2004 14:28	7538:59:00	7538:54:00	7538:43:10	86.82731905
10	80	1086	0.00035	540	14.096	0.000326091	9.23	0.223287044	6322.76	131.85	134.90	2/23/2004 14:35	7707:06:00	7707:01:00	7706:50:10	87.79009056
12	80	1091	0.00042	540	14.161	0.000393111	11.13	0.223680155	6333.89	132.08	135.13	3/2/2004 10:50	7895:21:00	7895:16:00	7895:05:10	88.85578203
15	80	1088	0.00053	540	14.122	0.000490038	13.88	0.224170193	6347.77	132.37	135.42	3/8/2004 10:11	8038:42:00	8038:37:00	8038:26:10	89.65879767
17	81	1081	0.0006	541	14.031	0.000550783	15.60	0.224720976	6363.37	132.70	135.74	3/15/2004 11:45	8208:16:00	8208:11:00	8208:00:10	90.59948491
6	80	1087	0.00021	540	14.239	0.000197637	5.60	0.224918612	6368.96	132.82	135.86	3/22/2004 10:08	8374:39:00	8374:34:00	8374:23:10	91.51311381
-18	75	1088	-0.0006	535	14.122	-0.000593541	-16.81	0.224325071	6352.15	132.46	135.51	3/30/2004 20:38	8577:09:00	8577:04:00	8576:53:10	92.61290407
0	74	1080	0	534	14.018	0	0.00	0.224325071	6352.15	132.46	135.51	4/8/2004 14:46	8739:17:00	8739:12:00	8739:01:10	93.48413413
DECANISTERED 4/6/2004: sample air dried for 24 days																

17	81	1081	0.0006	541	14.031	0.000550783	15.60	0.160600171	4547.67	130.98	136.74	10/20/2003 15:43	4684:14:00	4684:09:00	4683:55:38	68.44145917		
13	80	1075	0.00046	540	13.953	0.000419625	11.88	0.161019796	4559.56	131.32	137.08	10/27/2003 15:11	4851:42:00	4851:37:00	4851:23:38	69.65414561		
8	81	1080	0.00028	541	14.018	0.000258952	7.33	0.161278748	4566.89	131.53	137.29	11/3/2003 10:17	5014:48:00	5014:43:00	5014:29:38	70.81525259		
27	80	1085	0.00095	540	14.083	0.000879636	24.91	0.162158384	4591.80	132.25	138.01	11/10/2003 11:29	5184:00:00	5183:55:00	5183:41:38	72		
57	90	1069	0.00201	550	13.875	0.001796359	50.87	0.163954743	4642.66	133.71	139.47	11/17/2003 16:34	5357:05:00	5357:00:00	5356:46:38	73.19209884		
-7	83	1086	-0.0002	543	14.096	-0.000227003	-6.43	0.16372774	4636.24	133.53	139.29	11/24/2003 14:30	5523:01:00	5522:56:00	5522:42:38	74.3170012		
-7	75	1090	-0.0002	535	14.148	-0.000231246	-6.55	0.163496494	4629.69	133.34	139.10	12/4/2003 20:19	5768:50:00	5768:45:00	5768:31:38	75.95283624		
DECANISTERED 12/07/2003, sample air dried for 14 days																		

20	80	1075	0.00071	540	13.953	0.000645577	18.28	0.127647488	3614.56	63.88	65.74	10/27/2003 15:12	4849:47:00	4849:31:30	69.64038579
13	81	1080	0.00046	541	14.018	0.000420797	11.92	0.128068285	3626.48	64.09	65.95	11/3/2003 10:18	5012:53:00	5012:37:30	70.80171843
26	80	1085	0.00092	540	14.083	0.000847057	23.99	0.128915342	3650.46	64.51	66.37	11/10/2003 11:30	5182:05:00	5181:49:30	71.98668858
48	90	1069	0.0017	550	13.875	0.001512723	42.84	0.130428065	3693.30	65.27	67.13	11/17/2003 16:35	5355:10:00	5354:54:30	73.17900427
8	83	1086	0.00028	543	14.096	0.000259432	7.35	0.130687497	3700.64	65.40	67.26	11/24/2003 14:30	5521:05:00	5520:49:30	74.30399271
13	75	1090	0.00046	535	14.148	0.000429457	12.16	0.131116954	3712.80	65.62	67.47	12/4/2003 20:22	5766:57:00	5766:41:30	75.94043719
36	80	1083	0.00127	540	14.057	0.001170686	33.15	0.13228764	3745.95	66.20	68.06	12/10/2003 15:03	5905:38:00	5905:22:30	76.84811861
23	83	1087	0.00081	543	14.109	0.000748553	21.14	0.133034193	3767.99	66.58	68.43	12/18/2003 14:27	6049:02:00	6049:46:30	77.77553171
30	86	1081	0.00106	546	14.031	0.000963069	27.27	0.133997262	3794.37	67.06	68.91	12/22/2003 16:12	6194:47:00	6194:31:30	78.70694959
9	78	1082	0.00032	538	14.044	0.000293488	8.31	0.13429075	3802.88	67.20	69.06	12/29/2003 14:39	6361:14:00	6360:58:30	79.75734031
39	87	1103	0.00138	547	14.316	0.001275135	36.11	0.135658585	3838.78	67.84	69.70	1/6/2004 15:16	6553:51:00	6553:35:30	80.95585217
3	79	1093	0.00011	539	14.187	9.86406E-05	2.79	0.135664526	3841.58	67.89	69.75	1/12/2004 11:48	6694:23:00	6694:07:30	81.81921127
23	80	1089	0.00081	540	14.135	0.000752082	21.30	0.136416608	3862.87	68.27	70.12	1/21/2004 10:39	6909:14:00	6908:58:30	83.12179818
14	79	1091	0.00049	539	14.161	0.000459481	13.01	0.136876088	3875.88	68.50	70.35	1/27/2004 10:15	7052:50:00	7052:34:30	83.98114868
18	80	1085	0.00064	540	14.083	0.000586424	16.61	0.137462512	3892.49	68.79	70.65	2/2/2004 15:45	7202:20:00	7202:04:30	84.86656193
13	81	1091	0.00046	541	14.161	0.000425083	12.04	0.137887595	3904.53	69.00	70.86	2/9/2004 10:38	7365:13:00	7364:57:30	85.82084051
14	81	1091	0.00049	541	14.161	0.000457782	12.96	0.138345377	3917.49	69.23	71.09	2/16/2004 14:29	7537:04:00	7536:48:30	86.81628112
10	80	1086	0.00035	540	14.096	0.000326091	9.23	0.138671469	3926.72	69.40	71.25	2/23/2004 14:36	7705:11:00	7704:55:30	87.77917369
13	80	1091	0.00046	540	14.161	0.000425887	12.06	0.139097339	3938.78	69.61	71.47	3/2/2004 10:50	7893:25:00	7893:09:30	88.84490231
12	80	1088	0.00042	540	14.122	0.00039203	11.10	0.13948937	3949.88	69.81	71.66	3/8/2004 10:12	8036:47:00	8036:31:30	89.64810836
15	81	1081	0.00053	541	14.031	0.000485985	13.76	0.139975355	3963.65	70.05	71.90	3/15/2004 11:46	8206:21:00	8206:05:30	90.58890661
6	80	1097	0.00021	540	14.239	0.000197637	5.60	0.140172991	3969.24	70.15	72.00	3/22/2004 10:09	8372:44:00	8372:28:30	91.50264113
38	75	1088	0.00134	535	14.122	0.001253031	35.48	0.141426022	4004.72	70.78	72.63	3/30/2004 20:38	8575:13:00	8574:57:30	92.60246577
9	79	1080	0.00032	539	14.018	0.000292402	8.28	0.141718425	4013.00	70.92	72.78	4/6/2004 14:46	8737:21:00	8737:05:30	93.47379312
0	78	1086	0	536	14.096	0	0.00	0.141718425	4013.00	70.92	72.78	4/12/2004 15:04	8881:39:00	8881:23:30	94.24250633
7	80	1088	0.00025	540	14.122	0.000228684	6.48	0.141947109	4019.48	71.04	72.89	4/19/2004 14:34	9049:09:00	9048:53:30	95.12702035
-6	78	1090	-0.0002	538	14.148	-0.000197105	-5.58	0.141750004	4013.90	70.94	72.79	4/28/2004 11:38	9214:13:00	9213:57:30	95.99071136
-3	80	1083	-0.0001	540	14.057	-9.75572E-05	-2.76	0.141652446	4011.14	70.89	72.74	5/3/2004 19:18	9389:53:00	9389:37:30	96.90141038
DECANISTERED 5/3/2004: sample air dried for 10 days															

42	83	1085	0.00148	543	14.083	0.001360763	38.53	0.351540267	9954.47	195.80	205.73	9/15/2003 15:20	3835:56:00		3835:41:50	61.93491207
40	85	1084	0.00141	545	14.070	0.001290019	36.53	0.352830285	9991.00	196.52	206.45	9/23/2003 10:55	4023:31:00		4023:16:50	63.43119632
27	80	1091	0.00095	540	14.161	0.0008845	25.05	0.353714786	10016.05	197.01	206.94	9/26/2003 18:58	4103:34:00		4103:19:50	64.05908731
43	86	1085	0.00152	546	14.083	0.001385507	39.23	0.355100293	10055.28	197.78	207.71	10/6/2003 12:26	4337:02:00		4336:47:50	65.85615638
34	84	1084	0.0012	544	14.070	0.001098531	31.11	0.356198824	10086.39	198.39	208.33	10/14/2003 23:21	4539:57:00		4539:42:50	67.37915108
22	82	1081	0.00078	542	14.031	0.000711463	20.15	0.356910287	10106.54	198.79	208.72	10/20/2003 15:45	4676:21:00		4676:06:50	68.38384312
16	80	1075	0.00057	540	13.953	0.000516461	14.62	0.357426749	10121.16	199.08	209.01	10/27/2003 15:12	4843:48:00		4843:33:50	69.59741375
10	81	1090	0.00035	541	14.018	0.00032369	9.17	0.357759439	10130.33	199.26	209.19	11/3/2003 10:18	5006:54:00		5006:39:50	70.75945197
27	80	1085	0.00095	540	14.083	0.000879656	24.91	0.358630075	10155.23	199.75	209.68	11/10/2003 11:31	5176:07:00		5175:52:50	71.9452338
52	90	1089	0.00184	550	13.875	0.001638783	46.41	0.360268858	10201.84	200.66	210.59	11/17/2003 16:36	5349:12:00		5348:57:50	73.1382283
3	83	1086	0.00011	543	14.096	9.72869E-05	2.75	0.360366145	10204.39	200.71	210.65	11/24/2003 14:31	5515:07:00		5514:52:50	74.26383148
10	75	1090	0.00035	535	14.148	0.000330351	9.35	0.36096496	10213.75	200.90	210.83	12/4/2003 20:23	5760:59:00		5760:44:50	75.90114184
37	80	1083	0.00131	540	14.057	0.001203205	34.07	0.361899701	10247.82	201.57	211.50	12/10/2003 15:03	5899:39:00		5899:24:50	76.80917914
13	83	1087	0.00046	543	14.109	0.000421965	11.95	0.362321666	10259.77	201.80	211.74	12/16/2003 14:28	6043:04:00		6042:49:50	77.737164
25	86	1081	0.00088	546	14.031	0.000802558	22.73	0.363124224	10282.49	202.25	212.18	12/22/2003 16:13	6188:49:00		6188:34:50	78.66903245
8	78	1082	0.00028	538	14.044	0.000260878	7.39	0.363385102	10289.88	202.40	212.33	12/29/2003 14:40	6355:16:00		6355:01:50	79.71992641
47	87	1103	0.00166	547	14.316	0.001536701	43.51	0.364921803	10333.40	203.25	213.18	1/6/2004 15:17	6547:53:00		6547:38:50	80.91899241
-3	79	1093	-0.0001	539	14.187	-9.86406E-05	-2.79	0.364823162	10330.60	203.20	213.13	1/12/2004 11:48	6688:24:00		6688:09:50	81.78263874
10	80	1089	0.00035	540	14.135	0.000326992	9.26	0.365150154	10339.86	203.38	213.31	1/21/2004 10:40	6903:16:00		6903:01:50	83.08589933
11	79	1091	0.00039	539	14.161	0.000361021	10.22	0.365511175	10350.08	203.58	213.51	1/27/2004 10:16	7046:52:00		7046:37:50	83.94561732
11	80	1085	0.00039	540	14.083	0.00035837	10.15	0.365869545	10360.23	203.78	213.71	2/2/2004 15:46	7196:22:00		7196:07:50	84.83140142
5	81	1091	0.00018	541	14.161	0.000163494	4.63	0.366033039	10364.86	203.87	213.80	2/9/2004 10:38	7359:14:00		7358:59:50	85.78597399
7	81	1091	0.00025	541	14.161	0.000228891	6.48	0.36626193	10371.34	204.00	213.93	2/16/2004 14:30	7531:06:00		7530:51:50	86.78191056
5	80	1086	0.00018	540	14.096	0.000163046	4.62	0.366424975	10375.96	204.09	214.02	2/23/2004 14:37	7699:13:00		7698:58:50	87.7451803
5	80	1091	0.00018	540	14.161	0.000163796	4.64	0.366588772	10380.60	204.18	214.11	3/2/2004 10:51	7887:27:00		7887:12:50	88.81131685
9	80	1088	0.00032	540	14.122	0.000294023	8.33	0.366882794	10388.92	204.34	214.28	3/8/2004 10:15	8030:51:00		8030:36:50	89.6150099
10	81	1081	0.00035	541	14.031	0.00032399	9.17	0.367206784	10398.10	204.52	214.46	3/15/2004 11:47	8200:23:00		8200:08:50	90.5556796
-4	80	1097	0.00014	540	14.239	0.000131758	3.73	0.367338542	10401.83	204.60	214.53	3/22/2004 10:09	8366:45:00		8366:30:50	91.46994042
37	75	1088	0.00131	535	14.122	0.001220057	34.55	0.368558599	10436.38	205.28	215.21	3/30/2004 20:40	8569:16:00		8569:01:50	92.57033362
3	79	1080	0.00011	539	14.018	9.74674E-05	2.76	0.368656066	10439.14	205.33	215.26	4/6/2004 14:46	8731:22:00		8731:07:50	93.4418223
-10	76	1086	-0.0004	536	14.096	-0.000328525	-9.30	0.368327541	10429.84	205.15	215.08	4/12/2004 15:05	8875:41:00		8875:26:50	94.21084509
0	80	1088	0	540	14.122	0	0.00	0.368327541	10429.84	205.15	215.08	4/19/2004 14:35	9043:11:00		9042:56:50	95.0956536
-9	78	1090	-0.0003	538	14.148	-0.000295658	-8.37	0.368031883	10421.46	204.98	214.92	4/26/2004 11:38	9208:14:00		9207:59:50	95.95954009
DECANISTERED 4/26/2004; sample air dried for 35 days																

15	83	1083	0.00053	543	14.057	0.000485091	13.74	0.229647591	6502.87	112.47	119.56	12/10/2003 15:05	5896:14:00	5896:09:00	5895:59:00	76.78693465	
18	88	1087	0.00064	548	14.109	0.000578928	16.39	0.230226252	6519.26	112.75	119.84	12/16/2003 14:30	6039:39:00	6039:34:00	6039:24:00	77.71518513	
17	85	1081	0.0006	545	14.031	0.000546741	15.48	0.23077326	6534.75	113.02	120.11	12/22/2003 16:14	6185:23:00	6185:18:00	6185:08:00	78.64720805	
13	83	1082	0.00046	543	14.044	0.000420024	11.89	0.231193284	6546.64	113.23	120.32	12/29/2003 14:41	6351:50:00	6351:45:00	6351:35:00	79.69889978	
3	86	1103	0.00011	546	14.316	9.82669E-05	2.78	0.231291551	6549.42	113.27	120.36	1/6/2004 15:19	6544:28:00	6544:23:00	6544:13:00	80.89787801	
8	81	1093	0.00028	541	14.187	0.000262069	7.42	0.231553562	6556.84	113.40	120.49	1/12/2004 11:49	6684:58:00	6684:53:00	6684:43:00	81.76164545	
13	80	1089	0.00046	540	14.135	0.000425059	12.04	0.231919781	6568.88	113.61	120.70	1/21/2004 10:41	6899:50:00	6899:45:00	6899:35:00	83.06523541	
5	80	1091	0.00018	540	14.161	0.000163796	4.64	0.232142506	6573.52	113.69	120.78	1/27/2004 10:17	7043:26:00	7043:21:00	7043:11:00	83.93516596	
12	80	1085	0.00042	540	14.083	0.000390949	11.07	0.232533456	6594.59	113.88	120.97	2/2/2004 15:47	7192:56:00	7192:51:00	7192:41:00	84.81116279	
10	84	1091	0.00035	544	14.161	0.000325184	9.21	0.23285864	6593.80	114.04	121.13	2/9/2004 10:40	7355:49:00	7355:44:00	7355:34:00	85.76605778	
3	80	1091	0.00011	540	14.161	9.82778E-05	2.78	0.232956917	6596.58	114.09	121.18	2/16/2004 14:31	7527:40:00	7527:35:00	7527:25:00	86.76212691	
8	80	1086	0.00028	540	14.096	0.000260873	7.39	0.233217791	6603.97	114.22	121.31	2/23/2004 14:39	7695:48:00	7695:43:00	7695:33:00	87.72570889	
5	80	1091	0.00018	540	14.144	0.000163796	4.64	0.233381587	6608.61	114.30	121.39	3/2/2004 10:52	7884:01:00	7883:56:00	7883:46:00	88.79198537	
10	80	1088	0.00035	540	14.122	0.000326692	9.25	0.233708279	6617.86	114.46	121.55	3/8/2004 10:16	8027:25:00	8027:20:00	8027:10:00	89.59585184	
10	80	1081	0.00035	540	14.031	0.00032459	9.19	0.234032869	6627.05	114.62	121.71	3/15/2004 11:49	8196:58:00	8196:53:00	8196:43:00	90.53710105	
-1	81	1097	-4E-05	541	14.239	-3.28785E-05	-0.93	0.23399999	6626.12	114.60	121.69	3/22/2004 10:11	8363:20:00	8363:15:00	8363:05:00	91.45126207	
5	81	1088	0.00018	541	14.122	0.000163044	4.62	0.234163034	6630.73	114.68	121.77	3/30/2004 20:42	8565:51:00	8565:46:00	8565:36:00	92.55187734	
16	83	1080	0.00057	543	14.018	0.000515997	14.61	0.234679031	6645.35	114.93	122.02	4/6/2004 14:49	8727:58:00	8727:53:00	8727:43:00	93.42358731	
-3	81	1086	-0.0001	541	14.096	-9.76466E-05	-2.77	0.234581385	6642.58	114.88	121.98	4/12/2004 15:06	8872:15:00	8872:10:00	8872:00:00	94.19262179	
7	81	1088	0.00025	541	14.122	0.000228262	6.46	0.234809646	6649.04	115.00	122.09	4/19/2004 14:36	9039:45:00	9039:40:00	9039:30:00	95.07759989	
3	80	1090	0.00011	540	14.148	9.81877E-05	2.78	0.234907834	6651.82	115.04	122.14	4/26/2004 11:39	9204:48:00	9204:43:00	9204:33:00	95.94164893	
7	80	1083	0.00025	540	14.057	0.000227633	6.45	0.235135467	6658.27	115.16	122.25	5/3/2004 19:59	9381:08:00	9381:03:00	9380:53:00	96.85625087	
12	80	1081	0.00042	540	14.031	0.000389508	11.03	0.235524975	6669.30	115.35	122.44	5/10/2004 14:06	9543:15:00	9543:10:00	9543:00:00	97.68959592	
9	80	1082	0.00032	540	14.044	0.000292401	8.28	0.235817377	6677.58	115.49	122.58	5/17/2004 9:49	9706:58:00	9706:53:00	9706:43:00	98.52393956	
14	80	1075	0.00049	540	13.953	0.000451904	12.80	0.23628928	6690.38	115.71	122.80	5/24/2004 10:36	9875:45:00	9875:40:00	9875:30:00	99.37680816	
13	80	1077	0.00046	540	13.979	0.000420408	11.90	0.23668966	6702.28	115.92	123.01	6/1/2004 10:58	10068:07:00	10068:02:00	10067:52:00	100.34000653	
14	82	1076	0.00049	542	13.966	0.000450665	12.76	0.237140341	6715.04	116.14	123.23	6/7/2004 10:40	10211:49:00	10211:44:00	10211:34:00	101.0535337	
12	83	1078	0.00042	543	13.992	0.000386281	10.94	0.237526622	6725.98	116.33	123.42	6/14/2004 10:54	10380:03:00	10379:58:00	10379:48:00	101.8825304	
4	81	1082	0.00014	541	14.044	0.000129716	3.67	0.237656338	6729.65	116.39	123.48	6/23/2004 16:31	10601:40:00	10601:35:00	10601:25:00	102.9643951	
6	81	1083	0.00021	541	14.057	0.000194754	5.51	0.237851092	6735.17	116.49	123.58	7/1/2004 11:58	10789:07:00	10789:02:00	10788:52:00	103.8706728	
-8	73	1081	-0.0003	533	14.031	-0.000263082	-7.45	0.237588009	6727.72	116.36	123.45	7/7/2004 10:37	10931:46:00	10931:41:00	10931:31:00	104.5550891	
14	81	1082	0.00049	541	14.044	0.000454006	12.86	0.238042015	6740.57	116.58	123.67	7/13/2004 14:24	11079:33:00	11079:28:00	11079:18:00	105.2594414	
8	81	1080	0.00028	541	14.018	0.000258952	7.33	0.238300967	6747.91	116.71	123.80	7/19/2004 11:25	11220:34:00	11220:29:00	11220:19:00	105.9271762	
-5	80	1091	-0.0002	540	14.161	-0.000163796	-4.64	0.238137171	6743.27	116.63	123.72	7/26/2004 10:27	11387:36:00	11387:31:00	11387:21:00	106.7126984	
15	82	1079	0.00053	542	14.005	0.000484191	13.71	0.238621362	6756.98	116.86	123.95	8/2/2004 14:47	11559:56:00	11559:51:00	11559:41:00	107.5171304	
1	81	1086	3.5E-05	541	14.096	3.25489E-05	0.92	0.238653911	6757.90	116.88	123.97	8/9/2004 14:06	11727:15:00	11727:10:00	11727:00:00	108.2924282	
-2	80	1088	-7E-05	540	14.122	-6.53384E-05	-1.85	0.238588572	6756.05	116.85	123.94	8/16/2004 11:09	11892:18:00	11892:13:00	11892:03:00	109.0518225	
14	81	1076	0.00049	541	13.966	0.000451488	12.78	0.23904006	6768.84	117.07	124.16	8/23/2004 14:15	12063:24:00	12063:19:00	12063:09:00	109.8335104	
-2	77	1087	-7E-05	537	14.109	-6.5643E-05	-1.86	0.238974417	6766.98	117.04	124.13	8/30/2004 16:50	12233:59:00	12233:54:00	12233:44:00	110.6073385	
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5	80	1079	0.00018	540	14.005	0.000161995	4.59	0.23981328	6790.73	117.45	124.54	10/19/2004 14:17	13431:26:00	13431:21:00	13431:11:00	115.8940608	
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0	80	1095	0	540	14.213	0	0.00	0.239976024	6795.34	117.53	124.62	11/12/2004 16:31	14009:40:00	14009:35:00	14009:25:00	118.3624377	
10	79	1080	0.00035	539	14.018	0.000324891	9.20	0.240300915	6804.54	117.69	124.78	11/24/2004 11:01	14292:10:00	14292:05:00	14291:55:00	119.5498501	
7	80	1081	0.00025	540	14.031	0.000227213	6.43	0.240528128	6810.97	117.80	124.89	12/3/2004 16:00	14513:09:00	14513:04:00	14512:54:00	120.4705358	
-14	79	1104	-0.0005	539	14.329	-0.000464956	-13.17	0.240063173	6797.81	117.57	124.66	12/14/2004 12:53	14774:02:00	14773:57:00	14773:47:00	121.5484814	
8	80	1100	0.00028	540	14.278	0.000264236	7.48	0.240327409	6805.29	117.70	124.79	12/23/2004 12:04	14989:13:00	14989:08:00	14988:58:00	122.4304565	
14	81	1085	0.00049	541	14.083	0.000455264	12.89	0.240782673	6818.18	117.92	125.01	12/31/2004 17:59	15187:08:00	15187:03:00	15186:53:00	123.2360878	
6	80	1081	0.00021	540	14.031	0.000194754	5.51	0.240977427	6823.70	118.02	125.11	1/10/2005 14:01	15423:10:00	15423:05:00	15422:55:00	124.1900425	
11	80	1078	0.00039	540	13.992	0.000356058	10.08	0.241333485	6833.78	118.19	125.28	1/20/2005 15:05	15664:14:00	15664:09:00	15663:59:00	125.1568349	
-8	80	1094	-0.0003	540	14.200	-0.000262795	-7.44	0.24107069	6826.34	118.06	125.15	1/27/2005 16:15	15833:24:00	15833:19:00	15833:09:00	125.8308388	
2	80	1093	7.1E-05	540	14.187	6.56386E-05	1.86	0.241136329	6828.19	118.09	125.19	2/3/2005 15:22	16000:31:00	16000:26:00	16000:16:00	126.4931487	
2	80	1093	7.1E-05	540	1												