

DATOS ENSAYO DE BOMBEO CUÑA DE LIMOS

PZ-L1 Piezómetro 6	
Profundidad	18.0
Nº serie	100D 03892
K1	-2.3791E-04
K2	-4.6885E-13

z= -11.350

LECTURAS

FECHA	TIEMPO	F	P (kPa)	mCa	h (msnm)
19-11-03 0:00		1942.1	0.00	0.00	
		1516.4	350.27	35.71	
28-11-03 0:00		1794.5	131.21	13.38	2.025
28-11-03 0:00		1834.4	96.76	9.86	-1.486
1-12-03 0:00		1836.6	94.84	9.67	-1.682
12-12-03 0:00		1835.6	95.72	9.76	-1.593
3-12-03 0:00		1835.8	95.54	9.74	-1.611
4-12-03 11:30		1834.9	96.33	9.82	-1.531
4-12-03 12:45	0:00:00	1834.8	96.42	9.83	-1.522
4-12-03 12:45	0:00:53	1834.8	96.42	9.83	-1.522
4-12-03 12:46	0:01:51				
4-12-03 12:49	0:04:08	1834.8	96.42	9.83	-1.522
4-12-03 12:51	0:06:00				
4-12-03 12:52	0:07:15				
4-12-03 12:53	0:08:35				
4-12-03 12:55	0:10:40				
4-12-03 12:57	0:12:04				
4-12-03 12:58	0:13:39	1834.9	96.33	9.82	-1.531
4-12-03 13:00	0:15:51				
4-12-03 13:05	0:20:16				
4-12-03 13:09	0:24:11	1834.9	96.33	9.82	-1.531
4-12-03 13:10	0:25:17				
4-12-03 13:11	0:26:45				
4-12-03 13:12	0:27:27				
4-12-03 13:15	0:30:36	1834.9	96.33	9.82	-1.531
4-12-03 13:21	0:36:45				
4-12-03 13:25	0:40:40				
4-12-03 13:29	0:44:44				
4-12-03 13:33	0:48:23	1834.8	96.42	9.83	-1.522
4-12-03 13:41	0:56:50				
4-12-03 13:51	1:06:23	1834.8	96.42	9.83	-1.522
4-12-03 13:53	1:08:58				
4-12-03 14:09	1:24:47				
4-12-03 14:13	1:28:37	1834.8	96.42	9.83	-1.522
4-12-03 14:15	1:30:20				
4-12-03 14:26	1:41:12	1834.8	96.42	9.83	-1.522
4-12-03 14:29	1:44:19				
4-12-03 14:35	1:50:00				
4-12-03 14:38	1:53:50				
4-12-03 14:48	2:03:05				
4-12-03 15:35	2:50:00				
4-12-03 16:12	3:27:00				
4-12-03 16:15	3:30:00	1834.8	96.42	9.83	-1.522
4-12-03 16:37	3:52:00				
4-12-03 16:50	4:05:00				
4-12-03 17:06	4:21:00				
4-12-03 17:11	4:26:00	1834.9	96.33	9.82	-1.531
4-12-03 17:14	4:29:00				

4-12-03 17:16	4:31:00				
4-12-03 17:20	4:35:00				
4-12-03 17:34	4:49:00	1834.8	96.42	9.83	-1.522
4-12-03 17:46	5:01:00				
4-12-03 18:00	5:15:00				
4-12-03 18:02	5:17:00	1834.8	96.42	9.83	-1.522
4-12-03 18:13	5:28:00				
4-12-03 18:18	5:33:00				
4-12-03 18:23	5:38:00	1834.8	96.42	9.83	-1.522
4-12-03 18:35	5:50:00				
4-12-03 18:41	5:56:00	1834.7	96.50	9.84	-1.513
4-12-03 18:51	6:06:00				
4-12-03 18:59	6:14:00				
4-12-03 19:05	6:20:00	1834.6	96.59	9.85	-1.504
4-12-03 19:30	6:45:00	1834.6	96.59	9.85	-1.504
4-12-03 19:40	6:55:00				
4-12-03 19:45	7:00:00				
4-12-03 20:03	7:18:00				
4-12-03 20:06	7:21:00	1834.6	96.59	9.85	-1.504
4-12-03 20:28	7:43:00				
4-12-03 20:41	7:56:00	1834.7	96.50	9.84	-1.513
4-12-03 20:42	7:57:00				
4-12-03 20:52	8:07:00	1834.7	96.50	9.84	-1.513
4-12-03 21:20	8:35:00				
4-12-03 21:35	8:50:00				
4-12-03 21:39	8:54:00	1834.6	96.59	9.85	-1.504
4-12-03 22:00	9:15:00				
4-12-03 22:02	9:17:00				
4-12-03 22:43	9:58:00				
4-12-03 22:48	10:03:00	1834.6	96.59	9.85	-1.504
4-12-03 23:12	10:27:00				
4-12-03 23:26	10:41:00				
5-12-03 0:45	12:00:00				
5-12-03 2:10	13:25:00	1834.8	96.42	9.83	-1.522
5-12-03 2:46	14:01:00				
5-12-03 3:55	15:10:00				
5-12-03 4:28	15:43:00	1834.8	96.42	9.83	-1.522
5-12-03 4:32	15:47:00	1834.9	96.33	9.82	-1.531
5-12-03 5:00	16:15:00				
5-12-03 5:25	16:40:00				
5-12-03 5:27	16:42:00	1834.8	96.42	9.83	-1.522
5-12-03 5:34	16:49:00				
5-12-03 5:36	16:51:00				
5-12-03 5:40	16:55:00				
5-12-03 5:43	16:58:00	1834.8	96.42	9.83	-1.522
5-12-03 5:57	17:12:00				
5-12-03 7:10	18:25:00	1834.8	96.42	9.83	-1.522
5-12-03 7:42	18:57:00				
5-12-03 7:44	18:59:00	1834.8	96.42	9.83	-1.522
5-12-03 8:26	19:41:00				
5-12-03 8:28	19:43:00	1834.7	96.50	9.84	-1.513
5-12-03 9:13	20:28:00				
5-12-03 9:15	20:30:00	1834.8	96.42	9.83	-1.522
5-12-03 9:44	20:59:00				
5-12-03 10:04	21:19:00	1834.9	96.33	9.82	-1.531
5-12-03 11:02	22:17:00				
5-12-03 11:05	22:20:00	1834.8	96.42	9.83	-1.522
5-12-03 12:37	23:52:00				
5-12-03 12:40	23:55:00	1834.9	96.33	9.82	-1.531
5-12-03 13:12	24:27:00				
5-12-03 13:18	24:33:00				
5-12-03 14:00	25:15:00				

5-12-03 15:30	26:45:00				
5-12-03 15:36	26:51:00	1835.0	96.24	9.81	-1.539
5-12-03 16:10	27:25:00				
5-12-03 16:39	27:54:00	1835.0	96.24	9.81	-1.539
5-12-03 17:33	28:48:00	1835.0	96.24	9.81	-1.539
5-12-03 18:20	29:35:00	1834.9	96.33	9.82	-1.531
5-12-03 19:39	30:54:00				
5-12-03 19:51	31:06:00				
5-12-03 20:10	31:25:00	1834.9	96.33	9.82	-1.531
5-12-03 20:30	31:45:00	1834.9	96.33	9.82	-1.531
5-12-03 21:00	32:15:00	1834.9	96.33	9.82	-1.531
5-12-03 21:40	32:55:00	1834.9	96.33	9.82	-1.531
5-12-03 22:10	33:25:00	1834.9	96.33	9.82	-1.531
5-12-03 23:00	34:15:00	1835.0	96.24	9.81	-1.539
5-12-03 23:54	35:09:00	1835.0	96.24	9.81	-1.539
6-12-03 1:00	36:15:00	1835.1	96.15	9.80	-1.548
6-12-03 1:55	37:10:00	1835.2	96.07	9.79	-1.557
6-12-03 2:43	37:58:00	1835.2	96.07	9.79	-1.557
6-12-03 4:15	39:30:00	1835.4	95.89	9.77	-1.575
6-12-03 4:22	39:37:00				
6-12-03 4:30	39:45:00				
6-12-03 4:40	39:55:00				
6-12-03 4:46	40:01:00				
6-12-03 4:55	40:10:00				
6-12-03 5:00	40:15:00				
6-12-03 5:05	40:20:00	1835.4	95.89	9.77	-1.575
6-12-03 5:15	40:30:00				
6-12-03 5:23	40:38:00				
6-12-03 5:25	40:40:00				
6-12-03 5:32	40:47:00				
6-12-03 5:35	40:50:00				
6-12-03 5:38	40:53:00				
6-12-03 5:41	40:56:00				
6-12-03 5:45	41:00:00				
6-12-03 5:50	41:05:00				
6-12-03 6:07	41:22:00				
6-12-03 6:10	41:25:00	1835.4	95.89	9.77	-1.575
6-12-03 6:11	41:26:00				
6-12-03 6:15	41:30:00				
6-12-03 6:20	41:35:00				
6-12-03 6:25	41:40:00				
6-12-03 6:50	42:05:00				
6-12-03 6:51	42:06:00				
6-12-03 7:00	42:15:00	1835.4	95.89	9.77	-1.575
6-12-03 7:05	42:20:00				
6-12-03 7:30	42:45:00	1835.4	95.89	9.77	-1.575
6-12-03 7:50	43:05:00				
6-12-03 7:55	43:10:00				
6-12-03 8:00	43:15:00	1835.4	95.89	9.77	-1.575
6-12-03 8:10	43:25:00				
6-12-03 8:14	43:29:00	1835.5	95.80	9.77	-1.584
6-12-03 8:20	43:35:00				
6-12-03 8:22	43:37:00	1835.5	95.80	9.77	-1.584
6-12-03 8:28	43:43:00	1835.5	95.80	9.77	-1.584
6-12-03 8:40	43:55:00				
6-12-03 8:41	43:56:00				
6-12-03 8:50	44:05:00				
6-12-03 8:55	44:10:00				
6-12-03 9:00	44:15:00	1835.5	95.80	9.77	-1.584
6-12-03 9:05	44:20:00				
6-12-03 9:22	44:37:00				
6-12-03 9:25	44:40:00				

6-12-03 9:30	44:45:00	1835.5	95.80	9.77	-1.584
6-12-03 10:08	45:23:00				
6-12-03 10:12	45:27:00	1835.4	95.89	9.77	-1.575
6-12-03 10:19	45:34:00				
6-12-03 10:22	45:37:00				
6-12-03 10:30	45:45:00	1835.5	95.80	9.77	-1.584
6-12-03 10:40	45:55:00				
6-12-03 10:50	46:05:00				
6-12-03 11:00	46:15:00	1835.4	95.89	9.77	-1.575
6-12-03 11:05	46:20:00				
6-12-03 11:10	46:25:00				
6-12-03 11:15	46:30:00				
6-12-03 11:20	46:35:00				
6-12-03 11:25	46:40:00				
6-12-03 11:30	46:45:00				
6-12-03 11:40	46:55:00	1835.5	95.80	9.77	-1.584
6-12-03 12:00	47:15:00				
6-12-03 12:06	47:21:00	1835.6	95.72	9.76	-1.593
6-12-03 12:20	47:35:00	1835.5	95.80	9.77	-1.584
6-12-03 12:35	47:50:00				
6-12-03 12:50	48:05:00	1835.7	95.63	9.75	-1.602
6-12-03 12:54	48:09:00				
6-12-03 13:00	48:15:00	1835.6	95.72	9.76	-1.593
6-12-03 13:04	48:19:00				
6-12-03 13:05	48:20:00				
	48:21:00				
	48:22:00				
	48:23:00				
	48:24:00	1835.5	95.80	9.77	-1.584
	48:25:00				
	48:26:00				
	48:27:00				
	48:28:00				
	48:29:00				
	48:30:00	1835.6	95.72	9.76	-1.593
	48:32:00				
	48:34:00				
	48:36:00				
	48:38:00				
	48:40:00	1835.6	95.72	9.76	-1.593
	48:42:00				
	48:44:00				
	48:45:00				
	48:46:00				
	48:50:00				
	48:53:00	1835.7	95.63	9.75	-1.602
	48:56:00				
	48:57:00				
	49:00:00	1835.6	95.72	9.76	-1.593
	49:01:00				
	49:12:00	1835.6	95.72	9.76	-1.593
	49:18:00				
	49:34:00				
6-12-03 14:39	49:54:00				
6-12-03 14:41	49:56:00				
6-12-03 14:42	49:57:30				
6-12-03 14:46	50:01:00	1835.8	95.54	9.74	-1.611
6-12-03 21:45	57:00:00	1835.8	95.54	9.74	-1.611
6-12-03 21:50	57:05:00				
6-12-03 21:57	57:12:00				
6-12-03 22:00	57:15:00				
6-12-03 22:08	57:23:00				

7-12-03 16:31	75:46:00	1836.0	95.37	9.72	-1.629
7-12-03 16:37	75:52:00				
8-12-03 11:49	95:04:00	1835.5	95.80	9.77	-1.584
8-12-03 11:54	95:09:00				

DATOS ENSAYO DE BOMBEO CUÑA DE LIMOS

Piezómetro 4	
Profundidad	24
Nº serie	100D 03889
K1	-0.000228
K2	-2.3867E-13

z= -17.350

LECTURAS

FECHA	TIEMPO	F	P (kPa)	mCa	h (msnm)
19-11-03 0:00		2042.2	0.00	0.00	
		1624.4	349.31	35.61	
28-11-03 0:00		1889.1	137.24	13.99	-3.360
28-11-03 0:00		1895.1	132.06	13.46	-3.888
1-12-03 0:00		1899.4	128.34	13.08	-4.267
12-12-03 0:00		1895.4	131.80	13.44	-3.914
3-12-03 0:00		1894.8	132.32	13.49	-3.861
4-12-03 11:30		1893.7	133.27	13.59	-3.765
4-12-03 12:45	0:00:00	1893.6	133.36	13.59	-3.756
4-12-03 12:45	0:00:53				
4-12-03 12:46	0:01:51				
4-12-03 12:49	0:04:08	1893.6	133.36	13.59	-3.756
4-12-03 12:51	0:06:00				
4-12-03 12:52	0:07:15				
4-12-03 12:53	0:08:35				
4-12-03 12:55	0:10:40				
4-12-03 12:57	0:12:04				
4-12-03 12:58	0:13:39	1893.7	133.27	13.59	-3.765
4-12-03 13:00	0:15:51				
4-12-03 13:05	0:20:16				
4-12-03 13:09	0:24:11	1893.8	133.19	13.58	-3.773
4-12-03 13:10	0:25:17				
4-12-03 13:11	0:26:45				
4-12-03 13:12	0:27:27				
4-12-03 13:15	0:30:36	1893.8	133.19	13.58	-3.773
4-12-03 13:21	0:36:45				
4-12-03 13:25	0:40:40				
4-12-03 13:29	0:44:44				
4-12-03 13:33	0:48:23	1893.9	133.10	13.57	-3.782
4-12-03 13:41	0:56:50				
4-12-03 13:51	1:06:23	1893.9	133.10	13.57	-3.782
4-12-03 13:53	1:08:58				
4-12-03 14:09	1:24:47				
4-12-03 14:13	1:28:37	1894.0	133.01	13.56	-3.791
4-12-03 14:15	1:30:20				
4-12-03 14:26	1:41:12	1894.1	132.93	13.55	-3.800
4-12-03 14:29	1:44:19				
4-12-03 14:35	1:50:00				
4-12-03 14:38	1:53:50				
4-12-03 14:48	2:03:05				
4-12-03 15:35	2:50:00				
4-12-03 16:12	3:27:00				
4-12-03 16:15	3:30:00	1894.4	132.67	13.52	-3.826
4-12-03 16:37	3:52:00				
4-12-03 16:50	4:05:00				
4-12-03 17:06	4:21:00				
4-12-03 17:11	4:26:00	1894.6	132.50	13.51	-3.844
4-12-03 17:14	4:29:00				

4-12-03 17:16	4:31:00				
4-12-03 17:20	4:35:00				
4-12-03 17:34	4:49:00	1894.7	132.41	13.50	-3.853
4-12-03 17:46	5:01:00				
4-12-03 18:00	5:15:00				
4-12-03 18:02	5:17:00	1894.7	132.41	13.50	-3.853
4-12-03 18:13	5:28:00				
4-12-03 18:18	5:33:00				
4-12-03 18:23	5:38:00	1894.9	132.24	13.48	-3.870
4-12-03 18:35	5:50:00				
4-12-03 18:41	5:56:00	1895.0	132.15	13.47	-3.879
4-12-03 18:51	6:06:00				
4-12-03 18:59	6:14:00				
4-12-03 19:05	6:20:00	1894.9	132.24	13.48	-3.870
4-12-03 19:30	6:45:00	1895.0	132.15	13.47	-3.879
4-12-03 19:40	6:55:00				
4-12-03 19:45	7:00:00				
4-12-03 20:03	7:18:00				
4-12-03 20:06	7:21:00	1895.2	131.98	13.45	-3.897
4-12-03 20:28	7:43:00				
4-12-03 20:41	7:56:00	1895.4	131.80	13.44	-3.914
4-12-03 20:42	7:57:00				
4-12-03 20:52	8:07:00	1895.4	131.80	13.44	-3.914
4-12-03 21:20	8:35:00				
4-12-03 21:35	8:50:00				
4-12-03 21:39	8:54:00	1895.4	131.80	13.44	-3.914
4-12-03 22:00	9:15:00				
4-12-03 22:02	9:17:00				
4-12-03 22:43	9:58:00				
4-12-03 22:48	10:03:00	1895.7	131.55	13.41	-3.941
4-12-03 23:12	10:27:00				
4-12-03 23:26	10:41:00				
5-12-03 0:45	12:00:00				
5-12-03 2:10	13:25:00	1896.3	131.03	13.36	-3.994
5-12-03 2:46	14:01:00				
5-12-03 3:55	15:10:00				
5-12-03 4:28	15:43:00	1896.5	130.85	13.34	-4.011
5-12-03 4:32	15:47:00	1896.5	130.85	13.34	-4.011
5-12-03 5:00	16:15:00				
5-12-03 5:25	16:40:00				
5-12-03 5:27	16:42:00	1896.6	130.77	13.33	-4.020
5-12-03 5:34	16:49:00				
5-12-03 5:36	16:51:00				
5-12-03 5:40	16:55:00				
5-12-03 5:43	16:58:00	1896.6	130.77	13.33	-4.020
5-12-03 5:57	17:12:00				
5-12-03 7:10	18:25:00	1896.7	130.68	13.32	-4.029
5-12-03 7:42	18:57:00				
5-12-03 7:44	18:59:00	1896.7	130.68	13.32	-4.029
5-12-03 8:26	19:41:00				
5-12-03 8:28	19:43:00	1896.7	130.68	13.32	-4.029
5-12-03 9:13	20:28:00				
5-12-03 9:15	20:30:00	1896.7	130.68	13.32	-4.029
5-12-03 9:44	20:59:00				
5-12-03 10:04	21:19:00	1896.8	130.59	13.31	-4.038
5-12-03 11:02	22:17:00				
5-12-03 11:05	22:20:00	1896.8	130.59	13.31	-4.038
5-12-03 12:37	23:52:00				
5-12-03 12:40	23:55:00	1897.0	130.42	13.29	-4.055
5-12-03 13:12	24:27:00				
5-12-03 13:18	24:33:00				
5-12-03 14:00	25:15:00				

5-12-03 15:30	26:45:00				
5-12-03 15:36	26:51:00	1897.2	130.25	13.28	-4.073
5-12-03 16:10	27:25:00				
5-12-03 16:39	27:54:00	1897.2	130.25	13.28	-4.073
5-12-03 17:33	28:48:00	1897.2	130.25	13.28	-4.073
5-12-03 18:20	29:35:00	1897.3	130.16	13.27	-4.082
5-12-03 19:39	30:54:00				
5-12-03 19:51	31:06:00				
5-12-03 20:10	31:25:00	1897.3	130.16	13.27	-4.082
5-12-03 20:30	31:45:00	1897.4	130.07	13.26	-4.091
5-12-03 21:00	32:15:00	1897.4	130.07	13.26	-4.091
5-12-03 21:40	32:55:00	1897.5	129.99	13.25	-4.099
5-12-03 22:10	33:25:00	1897.5	129.99	13.25	-4.099
5-12-03 23:00	34:15:00	1897.6	129.90	13.24	-4.108
5-12-03 23:54	35:09:00	1897.6	129.90	13.24	-4.108
6-12-03 1:00	36:15:00	1897.8	129.73	13.22	-4.126
6-12-03 1:55	37:10:00	1897.9	129.64	13.22	-4.135
6-12-03 2:43	37:58:00	1897.8	129.73	13.22	-4.126
6-12-03 4:15	39:30:00	1897.9	129.64	13.22	-4.135
6-12-03 4:22	39:37:00				
6-12-03 4:30	39:45:00				
6-12-03 4:40	39:55:00				
6-12-03 4:46	40:01:00				
6-12-03 4:55	40:10:00				
6-12-03 5:00	40:15:00				
6-12-03 5:05	40:20:00	1898.2	129.38	13.19	-4.161
6-12-03 5:15	40:30:00				
6-12-03 5:23	40:38:00				
6-12-03 5:25	40:40:00				
6-12-03 5:32	40:47:00				
6-12-03 5:35	40:50:00				
6-12-03 5:38	40:53:00				
6-12-03 5:41	40:56:00				
6-12-03 5:45	41:00:00				
6-12-03 5:50	41:05:00				
6-12-03 6:07	41:22:00				
6-12-03 6:10	41:25:00	1898.3	129.30	13.18	-4.170
6-12-03 6:11	41:26:00				
6-12-03 6:15	41:30:00				
6-12-03 6:20	41:35:00				
6-12-03 6:25	41:40:00				
6-12-03 6:50	42:05:00				
6-12-03 6:51	42:06:00				
6-12-03 7:00	42:15:00	1898.3	129.30	13.18	-4.170
6-12-03 7:05	42:20:00				
6-12-03 7:30	42:45:00	1898.4	129.21	13.17	-4.179
6-12-03 7:50	43:05:00				
6-12-03 7:55	43:10:00				
6-12-03 8:00	43:15:00				
6-12-03 8:10	43:25:00				
6-12-03 8:14	43:29:00	1898.5	129.12	13.16	-4.188
6-12-03 8:20	43:35:00				
6-12-03 8:22	43:37:00				
6-12-03 8:28	43:43:00				
6-12-03 8:40	43:55:00	1898.5	129.12	13.16	-4.188
6-12-03 8:41	43:56:00				
6-12-03 8:50	44:05:00				
6-12-03 8:55	44:10:00				
6-12-03 9:00	44:15:00	1898.6	129.04	13.15	-4.196
6-12-03 9:05	44:20:00				
6-12-03 9:22	44:37:00				
6-12-03 9:25	44:40:00				

6-12-03 9:30	44:45:00	1898.6	129.04	13.15	-4.196
6-12-03 10:08	45:23:00				
6-12-03 10:12	45:27:00	1898.6	129.04	13.15	-4.196
6-12-03 10:19	45:34:00				
6-12-03 10:22	45:37:00				
6-12-03 10:30	45:45:00	1898.7	128.95	13.14	-4.205
6-12-03 10:40	45:55:00				
6-12-03 10:50	46:05:00				
6-12-03 11:00	46:15:00	1898.6	129.04	13.15	-4.196
6-12-03 11:05	46:20:00				
6-12-03 11:10	46:25:00				
6-12-03 11:15	46:30:00				
6-12-03 11:20	46:35:00				
6-12-03 11:25	46:40:00				
6-12-03 11:30	46:45:00				
6-12-03 11:40	46:55:00	1898.7	128.95	13.14	-4.205
6-12-03 12:00	47:15:00				
6-12-03 12:06	47:21:00	1898.8	128.86	13.14	-4.214
6-12-03 12:20	47:35:00	1898.9	128.78	13.13	-4.223
6-12-03 12:35	47:50:00				
6-12-03 12:50	48:05:00	1899.0	128.69	13.12	-4.232
6-12-03 12:54	48:09:00				
6-12-03 13:00	48:15:00	1899.0	128.69	13.12	-4.232
6-12-03 13:04	48:19:00				
6-12-03 13:05	48:20:00				
	48:21:00				
	48:22:00				
	48:23:00				
	48:24:00	1899.0	128.69	13.12	-4.232
	48:25:00				
	48:26:00				
	48:27:00				
	48:28:00				
	48:29:00				
	48:30:00	1899.0	128.69	13.12	-4.232
	48:32:00				
	48:34:00				
	48:36:00				
	48:38:00				
	48:40:00	1899.0	128.69	13.12	-4.232
	48:42:00				
	48:44:00				
	48:45:00				
	48:46:00				
	48:50:00				
	48:53:00	1899.0	128.69	13.12	-4.232
	48:56:00				
	48:57:00				
	49:00:00	1899.0	128.69	13.12	-4.232
	49:01:00				
	49:12:00	1899.0	128.69	13.12	-4.232
	49:18:00				
	49:34:00				
6-12-03 14:39	49:54:00				
6-12-03 14:41	49:56:00				
6-12-03 14:42	49:57:30				
6-12-03 14:46	50:01:00	1898.8	128.86	13.14	-4.214
6-12-03 21:45	57:00:00	1896.9	130.51	13.30	-4.046
6-12-03 21:50	57:05:00				
6-12-03 21:57	57:12:00				
6-12-03 22:00	57:15:00				
6-12-03 22:08	57:23:00				

7-12-03 16:31	75:46:00	1894.7	132.41	13.50	-3.853
7-12-03 16:37	75:52:00				
8-12-03 11:49	95:04:00	1894.1	132.93	13.55	-3.800
8-12-03 11:54	95:09:00				

DATOS ENSAYO DE BOMBEO CUÑA DE LIMOS

Piezómetro 5	
Profundidad	32
Nº serie	100D 03890
K1	-0.0002362
K2	-9.9193E-13

z= -25.350

LECTURAS

FECHA	TIEMPO	F	P (kPa)	mCa	h (msnm)
19-11-03 0:00		1942.40	0.00	0.00	
		1512.80	350.66	35.75	
28-11-03 0:00		1710.30	200.28	20.42	-4.934
28-11-03 0:00		1712.00	198.91	20.28	-5.074
1-12-03 0:00		1724.00	189.17	19.28	-6.067
12-12-03 0:00		1716.50	195.26	19.90	-5.445
3-12-03 0:00		1716.40	195.34	19.91	-5.437
4-12-03 11:30		1715.00	196.48	20.03	-5.322
4-12-03 12:45	0:00:00	1714.80	196.64	20.04	-5.305
4-12-03 12:45	0:00:53				
4-12-03 12:46	0:01:51	1714.70	196.72	20.05	-5.297
4-12-03 12:49	0:04:08	1714.80	196.64	20.04	-5.305
4-12-03 12:51	0:06:00				
4-12-03 12:52	0:07:15				
4-12-03 12:53	0:08:35				
4-12-03 12:55	0:10:40				
4-12-03 12:57	0:12:04				
4-12-03 12:58	0:13:39	1714.50	196.88	20.07	-5.280
4-12-03 13:00	0:15:51				
4-12-03 13:05	0:20:16				
4-12-03 13:09	0:24:11	1714.90	196.56	20.04	-5.313
4-12-03 13:10	0:25:17				
4-12-03 13:11	0:26:45				
4-12-03 13:12	0:27:27				
4-12-03 13:15	0:30:36	1714.90	196.56	20.04	-5.313
4-12-03 13:21	0:36:45				
4-12-03 13:25	0:40:40				
4-12-03 13:29	0:44:44				
4-12-03 13:33	0:48:23	1714.8	196.64	20.04	-5.305
4-12-03 13:41	0:56:50				
4-12-03 13:51	1:06:23	1715	196.48	20.03	-5.322
4-12-03 13:53	1:08:58				
4-12-03 14:09	1:24:47				
4-12-03 14:13	1:28:37	1714.7	196.72	20.05	-5.297
4-12-03 14:15	1:30:20				
4-12-03 14:26	1:41:12	1715.1	196.40	20.02	-5.330
4-12-03 14:29	1:44:19				
4-12-03 14:35	1:50:00				
4-12-03 14:38	1:53:50				
4-12-03 14:48	2:03:05				
4-12-03 15:35	2:50:00				
4-12-03 16:12	3:27:00				
4-12-03 16:15	3:30:00	1715.2	196.32	20.01	-5.338
4-12-03 16:37	3:52:00				
4-12-03 16:50	4:05:00				
4-12-03 17:06	4:21:00				
4-12-03 17:11	4:26:00	1715.4	196.16	20.00	-5.355
4-12-03 17:14	4:29:00				

4-12-03 17:16	4:31:00				
4-12-03 17:20	4:35:00				
4-12-03 17:34	4:49:00	1715.4	196.16	20.00	-5.355
4-12-03 17:46	5:01:00				
4-12-03 18:00	5:15:00				
4-12-03 18:02	5:17:00	1715.2	196.32	20.01	-5.338
4-12-03 18:13	5:28:00				
4-12-03 18:18	5:33:00				
4-12-03 18:23	5:38:00	1715.2	196.32	20.01	-5.338
4-12-03 18:35	5:50:00				
4-12-03 18:41	5:56:00	1715.4	196.16	20.00	-5.355
4-12-03 18:51	6:06:00				
4-12-03 18:59	6:14:00				
4-12-03 19:05	6:20:00	1715.5	196.07	19.99	-5.363
4-12-03 19:30	6:45:00	1715.6	195.99	19.98	-5.371
4-12-03 19:40	6:55:00				
4-12-03 19:45	7:00:00				
4-12-03 20:03	7:18:00				
4-12-03 20:06	7:21:00	1715.8	195.83	19.96	-5.388
4-12-03 20:28	7:43:00				
4-12-03 20:41	7:56:00	1716.1	195.59	19.94	-5.412
4-12-03 20:42	7:57:00				
4-12-03 20:52	8:07:00	1716.2	195.51	19.93	-5.421
4-12-03 21:20	8:35:00				
4-12-03 21:35	8:50:00				
4-12-03 21:39	8:54:00	1716.2	195.51	19.93	-5.421
4-12-03 22:00	9:15:00				
4-12-03 22:02	9:17:00				
4-12-03 22:43	9:58:00				
4-12-03 22:48	10:03:00	1716.5	195.26	19.90	-5.445
4-12-03 23:12	10:27:00				
4-12-03 23:26	10:41:00				
5-12-03 0:45	12:00:00				
5-12-03 2:10	13:25:00	1717.9	194.13	19.79	-5.561
5-12-03 2:46	14:01:00				
5-12-03 3:55	15:10:00				
5-12-03 4:28	15:43:00	1718.3	193.80	19.76	-5.594
5-12-03 4:32	15:47:00	1717.9	194.13	19.79	-5.561
5-12-03 5:00	16:15:00				
5-12-03 5:25	16:40:00				
5-12-03 5:27	16:42:00	1718.7	193.48	19.72	-5.627
5-12-03 5:34	16:49:00				
5-12-03 5:36	16:51:00				
5-12-03 5:40	16:55:00				
5-12-03 5:43	16:58:00	1718.3	193.80	19.76	-5.594
5-12-03 5:57	17:12:00				
5-12-03 7:10	18:25:00	1718.4	193.72	19.75	-5.603
5-12-03 7:42	18:57:00				
5-12-03 7:44	18:59:00	1718.5	193.64	19.74	-5.611
5-12-03 8:26	19:41:00				
5-12-03 8:28	19:43:00	1718.6	193.56	19.73	-5.619
5-12-03 9:13	20:28:00				
5-12-03 9:15	20:30:00	1719.1	193.15	19.69	-5.661
5-12-03 9:44	20:59:00				
5-12-03 10:04	21:19:00	1718.8	193.40	19.71	-5.636
5-12-03 11:02	22:17:00				
5-12-03 11:05	22:20:00	1718.9	193.32	19.71	-5.644
5-12-03 12:37	23:52:00				
5-12-03 12:40	23:55:00	1719	193.23	19.70	-5.652
5-12-03 13:12	24:27:00				
5-12-03 13:18	24:33:00				
5-12-03 14:00	25:15:00				

5-12-03 15:30	26:45:00				
5-12-03 15:36	26:51:00	1719.7	192.67	19.64	-5.710
5-12-03 16:10	27:25:00				
5-12-03 16:39	27:54:00	1719.6	192.75	19.65	-5.702
5-12-03 17:33	28:48:00	1719.6	192.75	19.65	-5.702
5-12-03 18:20	29:35:00	1719.8	192.58	19.63	-5.719
5-12-03 19:39	30:54:00				
5-12-03 19:51	31:06:00				
5-12-03 20:10	31:25:00	1720.1	192.34	19.61	-5.743
5-12-03 20:30	31:45:00	1720.5	192.02	19.57	-5.777
5-12-03 21:00	32:15:00	1720.4	192.10	19.58	-5.768
5-12-03 21:40	32:55:00	1720.2	192.26	19.60	-5.752
5-12-03 22:10	33:25:00	1720.4	192.10	19.58	-5.768
5-12-03 23:00	34:15:00	1720.5	192.02	19.57	-5.777
5-12-03 23:54	35:09:00	1721.1	191.53	19.52	-5.826
6-12-03 1:00	36:15:00	1721.1	191.53	19.52	-5.826
6-12-03 1:55	37:10:00	1721	191.61	19.53	-5.818
6-12-03 2:43	37:58:00	1721.1	191.53	19.52	-5.826
6-12-03 4:15	39:30:00	1721.4	191.28	19.50	-5.851
6-12-03 4:22	39:37:00				
6-12-03 4:30	39:45:00				
6-12-03 4:40	39:55:00				
6-12-03 4:46	40:01:00				
6-12-03 4:55	40:10:00				
6-12-03 5:00	40:15:00				
6-12-03 5:05	40:20:00	1721.6	191.12	19.48	-5.868
6-12-03 5:15	40:30:00				
6-12-03 5:23	40:38:00				
6-12-03 5:25	40:40:00				
6-12-03 5:32	40:47:00				
6-12-03 5:35	40:50:00				
6-12-03 5:38	40:53:00				
6-12-03 5:41	40:56:00				
6-12-03 5:45	41:00:00				
6-12-03 5:50	41:05:00				
6-12-03 6:07	41:22:00				
6-12-03 6:10	41:25:00	1722.1	190.71	19.44	-5.909
6-12-03 6:11	41:26:00				
6-12-03 6:15	41:30:00				
6-12-03 6:20	41:35:00				
6-12-03 6:25	41:40:00				
6-12-03 6:50	42:05:00				
6-12-03 6:51	42:06:00				
6-12-03 7:00	42:15:00	1722.3	190.55	19.42	-5.926
6-12-03 7:05	42:20:00				
6-12-03 7:30	42:45:00	1722.4	190.47	19.42	-5.934
6-12-03 7:50	43:05:00				
6-12-03 7:55	43:10:00				
6-12-03 8:00	43:15:00	1722.4	190.47	19.42	-5.934
6-12-03 8:10	43:25:00				
6-12-03 8:14	43:29:00	1722.1	190.71	19.44	-5.909
6-12-03 8:20	43:35:00				
6-12-03 8:22	43:37:00				
6-12-03 8:28	43:43:00	1722.1	190.71	19.44	-5.909
6-12-03 8:40	43:55:00				
6-12-03 8:41	43:56:00				
6-12-03 8:50	44:05:00				
6-12-03 8:55	44:10:00				
6-12-03 9:00	44:15:00	1722.1	190.71	19.44	-5.909
6-12-03 9:05	44:20:00				
6-12-03 9:22	44:37:00				
6-12-03 9:25	44:40:00				

6-12-03 9:30	44:45:00	1722.3	190.55	19.42	-5.926
6-12-03 10:08	45:23:00				
6-12-03 10:12	45:27:00	1722.4	190.47	19.42	-5.934
6-12-03 10:19	45:34:00				
6-12-03 10:22	45:37:00				
6-12-03 10:30	45:45:00	1722.8	190.14	19.38	-5.967
6-12-03 10:40	45:55:00				
6-12-03 10:50	46:05:00				
6-12-03 11:00	46:15:00	1722.8	190.14	19.38	-5.967
6-12-03 11:05	46:20:00				
6-12-03 11:10	46:25:00				
6-12-03 11:15	46:30:00				
6-12-03 11:20	46:35:00				
6-12-03 11:25	46:40:00				
6-12-03 11:30	46:45:00				
6-12-03 11:40	46:55:00	1722.9	190.06	19.37	-5.976
6-12-03 12:00	47:15:00				
6-12-03 12:06	47:21:00	1723.1	189.90	19.36	-5.992
6-12-03 12:20	47:35:00	1723.1	189.90	19.36	-5.992
6-12-03 12:35	47:50:00				
6-12-03 12:50	48:05:00	1722.9	190.06	19.37	-5.976
6-12-03 12:54	48:09:00				
6-12-03 13:00	48:15:00	1723.3	189.74	19.34	-6.009
6-12-03 13:04	48:19:00				
6-12-03 13:05	48:20:00				
	48:21:00				
	48:22:00				
	48:23:00				
	48:24:00	1723.3	189.74	19.34	-6.009
	48:25:00				
	48:26:00				
	48:27:00				
	48:28:00				
	48:29:00				
	48:30:00	1723.3	189.74	19.34	-6.009
	48:32:00				
	48:34:00				
	48:36:00				
	48:38:00				
	48:40:00	1723.3	189.74	19.34	-6.009
	48:42:00				
	48:44:00				
	48:45:00				
	48:46:00				
	48:50:00				
	48:53:00	1723.3	189.74	19.34	-6.009
	48:56:00				
	48:57:00				
	49:00:00	1723.3	189.74	19.34	-6.009
	49:01:00				
	49:12:00	1723.3	189.74	19.34	-6.009
	49:18:00				
	49:34:00				
6-12-03 14:39	49:54:00				
6-12-03 14:41	49:56:00				
6-12-03 14:42	49:57:30				
6-12-03 14:46	50:01:00	1722.9	190.06	19.37	-5.976
6-12-03 21:45	57:00:00	1721.0	191.61	19.53	-5.818
6-12-03 21:50	57:05:00				
6-12-03 21:57	57:12:00				
6-12-03 22:00	57:15:00				
6-12-03 22:08	57:23:00				

7-12-03 16:31	75:46:00	1718.8	193.40	19.71	-5.636
7-12-03 16:37	75:52:00				
8-12-03 11:49	95:04:00	1716.6	195.18	19.90	-5.454
8-12-03 11:54	95:09:00				

DATOS ENSAYO DE BOMBEO CUÑA DE LIMOS

POZO P-L1	
x=	425235.105
y=	#####
z terreno=	6.650
z brocal=	0.530
z medidas=	7.180

FECHA	TIEMPO	TIEMPO RECUPE	Prof. Nivel	h (msnm)	Q (l/min.)
4-12-03 11:30			10.347	-3.167	
4-12-03 11:55			9.955	-2.775	
4-12-03 12:15			9.966	-2.786	
4-12-03 12:37			9.980	-2.800	
4-12-03 12:45	0:00:00		9.983	-2.803	
4-12-03 12:45	0:00:53		9.995	-2.815	1.45
4-12-03 12:46	0:01:51				
4-12-03 12:49	0:04:08		10.290	-3.110	
4-12-03 12:51	0:06:00		10.400	-3.220	
4-12-03 12:52	0:07:15		10.470	-3.290	0.96
4-12-03 12:53	0:08:35		10.510	-3.330	
4-12-03 12:55	0:10:40		10.580	-3.400	0.60
4-12-03 12:57	0:12:04		10.618	-3.438	
4-12-03 12:58	0:13:39				
4-12-03 13:00	0:15:51		10.700	-3.520	
4-12-03 13:05	0:20:16		10.780	-3.600	
4-12-03 13:09	0:24:11				
4-12-03 13:10	0:25:17		10.840	-3.660	
4-12-03 13:11	0:26:45				
4-12-03 13:12	0:27:27		10.875	-3.695	0.37
4-12-03 13:15	0:30:36		10.920	-3.740	
4-12-03 13:21	0:36:45		10.995	-3.815	
4-12-03 13:25	0:40:40		11.060	-3.880	
4-12-03 13:29	0:44:44				0.24
4-12-03 13:33	0:48:23		11.140	-3.960	
4-12-03 13:41	0:56:50		11.245	-4.065	
4-12-03 13:51	1:06:23				
4-12-03 13:53	1:08:58		11.420	-4.240	
4-12-03 14:09	1:24:47		11.585	-4.405	0.38
4-12-03 14:13	1:28:37				
4-12-03 14:15	1:30:20		11.650	-4.470	
4-12-03 14:26	1:41:12				
4-12-03 14:29	1:44:19		11.800	-4.620	
4-12-03 14:35	1:50:00				0.30
4-12-03 14:38	1:53:50		11.890	-4.710	
4-12-03 14:48	2:03:05		11.960	-4.780	
4-12-03 15:35	2:50:00		12.110	-4.930	
4-12-03 16:12	3:27:00		12.175	-4.995	0.33
4-12-03 16:15	3:30:00				
4-12-03 16:37	3:52:00		12.470	-5.290	
4-12-03 16:50	4:05:00		12.685	-5.505	
4-12-03 17:06	4:21:00		12.872	-5.692	
4-12-03 17:11	4:26:00				
4-12-03 17:14	4:29:00				0.58

4-12-03 17:16	4:31:00				
4-12-03 17:20	4:35:00		13.040	-5.860	0.38
4-12-03 17:34	4:49:00		13.190	-6.010	
4-12-03 17:46	5:01:00		13.280	-6.100	0.33
4-12-03 18:00	5:15:00		13.420	-6.240	
4-12-03 18:02	5:17:00				
4-12-03 18:13	5:28:00		13.535	-6.355	
4-12-03 18:18	5:33:00		13.745	-6.565	0.46
4-12-03 18:23	5:38:00				
4-12-03 18:35	5:50:00		13.990	-6.810	
4-12-03 18:41	5:56:00				
4-12-03 18:51	6:06:00		14.110	-6.930	0.50
4-12-03 18:59	6:14:00		14.228	-7.048	
4-12-03 19:05	6:20:00				
4-12-03 19:30	6:45:00		14.570	-7.390	0.39
4-12-03 19:40	6:55:00				
4-12-03 19:45	7:00:00		14.700	-7.520	
4-12-03 20:03	7:18:00		14.995	-7.815	
4-12-03 20:06	7:21:00				
4-12-03 20:28	7:43:00		15.150	-7.970	
4-12-03 20:41	7:56:00				
4-12-03 20:42	7:57:00		15.190	-8.010	
4-12-03 20:52	8:07:00				
4-12-03 21:20	8:35:00		15.330	-8.150	0.39
4-12-03 21:35	8:50:00		15.380	-8.200	
4-12-03 21:39	8:54:00		15.390	-8.210	
4-12-03 22:00	9:15:00				
4-12-03 22:02	9:17:00		15.490	-8.310	
4-12-03 22:43	9:58:00		15.690	-8.510	
4-12-03 22:48	10:03:00				
4-12-03 23:12	10:27:00		15.810	-8.630	
4-12-03 23:26	10:41:00		15.845	-8.665	
5-12-03 0:45	12:00:00		16.140	-8.960	
5-12-03 2:10	13:25:00		16.740	-9.560	
5-12-03 2:46	14:01:00		16.870	-9.690	0.30
5-12-03 3:55	15:10:00		16.890	-9.710	0.38
5-12-03 4:28	15:43:00		16.940	-9.760	
5-12-03 4:32	15:47:00				
5-12-03 5:00	16:15:00		16.940	-9.760	
5-12-03 5:25	16:40:00		16.990	-9.810	
5-12-03 5:27	16:42:00				
5-12-03 5:34	16:49:00				
5-12-03 5:36	16:51:00				
5-12-03 5:40	16:55:00		17.110	-9.930	0.63
5-12-03 5:43	16:58:00				
5-12-03 5:57	17:12:00		17.180	-10.000	0.62
5-12-03 7:10	18:25:00		17.400	-10.220	
5-12-03 7:42	18:57:00		17.400	-10.220	
5-12-03 7:44	18:59:00				0.28
5-12-03 8:26	19:41:00		17.420	-10.240	
5-12-03 8:28	19:43:00				
5-12-03 9:13	20:28:00		17.340	-10.160	
5-12-03 9:15	20:30:00				0.32
5-12-03 9:44	20:59:00		17.375	-10.195	
5-12-03 10:04	21:19:00				0.36
5-12-03 11:02	22:17:00		17.385	-10.205	
5-12-03 11:05	22:20:00				0.29
5-12-03 12:37	23:52:00		17.900	-10.720	
5-12-03 12:40	23:55:00				0.38
5-12-03 13:12	24:27:00		18.050	-10.870	0.64
5-12-03 13:18	24:33:00		18.110	-10.930	0.50
5-12-03 14:00	25:15:00		18.162	-10.982	

5-12-03 15:30	26:45:00		17.750	-10.570	
5-12-03 15:36	26:51:00				
5-12-03 16:10	27:25:00				0.39
5-12-03 16:39	27:54:00		17.740	-10.560	0.30
5-12-03 17:33	28:48:00		17.900	-10.720	0.63
5-12-03 18:20	29:35:00		18.145	-10.965	0.46
5-12-03 19:39	30:54:00		18.175	-10.995	
5-12-03 19:51	31:06:00		18.145	-10.965	
5-12-03 20:10	31:25:00		18.345	-11.165	0.48
5-12-03 20:30	31:45:00		18.435	-11.255	0.41
5-12-03 21:00	32:15:00		18.540	-11.360	0.38
5-12-03 21:40	32:55:00		18.590	-11.410	
5-12-03 22:10	33:25:00		18.610	-11.430	
5-12-03 23:00	34:15:00		18.800	-11.620	0.41
5-12-03 23:54	35:09:00		18.830	-11.650	0.38
6-12-03 1:00	36:15:00		18.650	-11.470	0.30
6-12-03 1:55	37:10:00		18.900	-11.720	0.43
6-12-03 2:43	37:58:00		18.890	-11.710	0.33
6-12-03 4:15	39:30:00		18.578	-11.398	0.26
6-12-03 4:22	39:37:00				4.09
6-12-03 4:30	39:45:00		19.230	-12.050	2.65
6-12-03 4:40	39:55:00		19.820	-12.640	0.75
6-12-03 4:46	40:01:00		19.840	-12.660	0.47
6-12-03 4:55	40:10:00				0.23
6-12-03 5:00	40:15:00				
6-12-03 5:05	40:20:00		19.725	-12.545	0.31
6-12-03 5:15	40:30:00		19.660	-12.480	0.29
6-12-03 5:23	40:38:00				
6-12-03 5:25	40:40:00				1.50
6-12-03 5:32	40:47:00				0.59
6-12-03 5:35	40:50:00		19.810	-12.630	
6-12-03 5:38	40:53:00				0.42
6-12-03 5:41	40:56:00				0.46
6-12-03 5:45	41:00:00		19.865	-12.685	0.50
6-12-03 5:50	41:05:00				0.25
6-12-03 6:07	41:22:00				0.85
6-12-03 6:10	41:25:00		19.720	-12.540	
6-12-03 6:11	41:26:00				0.66
6-12-03 6:15	41:30:00				0.53
6-12-03 6:20	41:35:00				0.53
6-12-03 6:25	41:40:00				0.51
6-12-03 6:50	42:05:00				0.25
6-12-03 6:51	42:06:00		19.900	-12.720	
6-12-03 7:00	42:15:00		19.890	-12.710	
6-12-03 7:05	42:20:00				0.47
6-12-03 7:30	42:45:00		19.920	-12.740	0.47
6-12-03 7:50	43:05:00				0.41
6-12-03 7:55	43:10:00				0.51
6-12-03 8:00	43:15:00		19.935	-12.755	
6-12-03 8:10	43:25:00		19.915	-12.735	0.58
6-12-03 8:14	43:29:00		19.930	-12.750	
6-12-03 8:20	43:35:00				0.50
6-12-03 8:22	43:37:00		19.980	-12.800	
6-12-03 8:28	43:43:00				0.49
6-12-03 8:40	43:55:00		20.020	-12.840	
6-12-03 8:41	43:56:00				0.47
6-12-03 8:50	44:05:00		20.040	-12.860	
6-12-03 8:55	44:10:00				0.42
6-12-03 9:00	44:15:00		20.040	-12.860	
6-12-03 9:05	44:20:00				0.48
6-12-03 9:22	44:37:00				
6-12-03 9:25	44:40:00				0.55

6-12-03 9:30	44:45:00		20.110	-12.930	
6-12-03 10:08	45:23:00				0.47
6-12-03 10:12	45:27:00		20.202	-13.022	
6-12-03 10:19	45:34:00				0.43
6-12-03 10:22	45:37:00		20.200	-13.020	
6-12-03 10:30	45:45:00		20.190	-13.010	0.42
6-12-03 10:40	45:55:00				
6-12-03 10:50	46:05:00		20.220	-13.040	
6-12-03 11:00	46:15:00		20.222	-13.042	
6-12-03 11:05	46:20:00		20.288	-13.108	0.52
6-12-03 11:10	46:25:00		20.295	-13.115	0.51
6-12-03 11:15	46:30:00		20.308	-13.128	
6-12-03 11:20	46:35:00		20.310	-13.130	
6-12-03 11:25	46:40:00		20.308	-13.128	
6-12-03 11:30	46:45:00		20.328	-13.148	0.53
6-12-03 11:40	46:55:00		20.388	-13.208	
6-12-03 12:00	47:15:00		20.540	-13.360	
6-12-03 12:06	47:21:00		20.510	-13.330	
6-12-03 12:20	47:35:00		20.620	-13.440	0.69
6-12-03 12:35	47:50:00		20.700	-13.520	
6-12-03 12:50	48:05:00		20.710	-13.530	
6-12-03 12:54	48:09:00		20.771	-13.591	
6-12-03 13:00	48:15:00		20.782	-13.602	
6-12-03 13:04	48:19:00		20.790	-13.610	0.50
6-12-03 13:05	48:20:00	0:00:00			
	48:21:00	0:01:00	20.760	-13.580	
	48:22:00	0:02:00	20.725	-13.545	
	48:23:00	0:03:00	20.700	-13.520	
	48:24:00	0:04:00	20.685	-13.505	
	48:25:00	0:05:00	20.660	-13.480	
	48:26:00	0:06:00	20.635	-13.455	
	48:27:00	0:07:00	20.620	-13.440	
	48:28:00	0:08:00	20.601	-13.421	
	48:29:00	0:09:00	20.585	-13.405	
	48:30:00	0:10:00	20.652	-13.472	
	48:32:00	0:12:00	20.530	-13.350	
	48:34:00	0:14:00	20.480	-13.300	
	48:36:00	0:16:00	20.411	-13.231	
	48:38:00	0:18:00	20.400	-13.220	
	48:40:00	0:20:00	20.365	-13.185	
	48:42:00	0:22:00	20.325	-13.145	
	48:44:00	0:24:00	20.287	-13.107	
	48:45:00	0:25:00	20.268	-13.088	
	48:46:00	0:26:00	20.250	-13.070	
	48:50:00	0:30:00	20.174	-12.994	
	48:53:00	0:33:00			
	48:56:00	0:36:00	20.060	-12.880	
	48:57:00	0:37:00	20.040	-12.860	
	49:00:00	0:40:00			
	49:01:00	0:41:00	19.970	-12.790	
	49:12:00	0:52:00	19.760	-12.580	
	49:18:00	0:58:00	19.650	-12.470	
	49:34:00	1:14:00	19.380	-12.200	
6-12-03 14:39	49:54:00	1:34:00			
6-12-03 14:41	49:56:00	1:36:00	18.988	-11.808	
6-12-03 14:42	49:57:30	1:37:30	18.960	-11.780	
6-12-03 14:46	50:01:00	1:41:00			
6-12-03 21:45	57:00:00	8:40:00			
6-12-03 21:50	57:05:00	8:45:00	14.040	-6.860	
6-12-03 21:57	57:12:00	8:52:00	14.000	-6.820	
6-12-03 22:00	57:15:00	8:55:00			
6-12-03 22:08	57:23:00	9:03:00	13.925	-6.745	

7-12-03 16:31	75:46:00	27:26:00			
7-12-03 16:37	75:52:00	27:32:00	10.880	-3.700	
8-12-03 11:49	95:04:00	46:44:00			
8-12-03 11:54	95:09:00	46:49:00	10.505	-3.325	