

MONITORING RESULT OF BORING

Datos del of Piezómetro (m)

	W-1	W-2	B-8	R-1	R-3	R-5
Dec. 5	2.38	18.10	19.00	17.51	10.81	7.15
Dec. 6	2.38	18.13	18.99	17.55	11.03	7.16
Dec. 7	2.40	18.12	19.00	17.56	11.35	7.16
Dec. 8	2.40	18.12	19.00	17.59	11.54	7.17
Dec. 9	2.38	18.15	19.00	17.66	11.84	7.17
Dec. 10	2.41	18.15	18.99	17.68	12.22	7.18
Dec. 11	2.39	18.16	19.00	17.69	12.64	7.19
Dec. 12	2.39	18.17	19.00	17.72	12.95	7.19
Dec. 13	2.39	18.17	19.03	17.80	13.11	7.19
Dec. 14	2.41	18.18	19.05	17.90	13.23	7.20
Dec. 15	2.43	18.19	19.06	17.96	13.31	7.20
Dec. 16	2.42	18.19	19.10	18.25	13.41	7.19
Dec. 17	2.40	18.20	19.12	18.40	13.49	7.20
Dec. 18	2.40	18.21	19.13	18.58	13.49	7.20
Dec. 19	2.42	18.21	19.15	18.65	13.50	7.21
Dec. 20	2.41	18.21	19.15	18.80	13.52	7.21
Dec. 21	2.43	18.23	19.17	18.92	13.96	7.22
Dec. 22	2.40	18.25	19.15	19.01	14.27	7.23
Dec. 23	2.46	18.25	19.16	19.12	14.58	7.23
Dec. 24	2.44	18.26	19.18	19.20	14.83	7.23
Dec. 25	2.44	18.27	19.16	19.25	15.04	7.24
Dec. 26	2.45	18.28	19.19	19.27	15.35	7.25
Dec. 27	2.44	18.28	19.20	19.30	16.07	7.25
Dec. 28	2.45	18.29	19.22	19.51	16.46	7.25
Dec. 29	2.45	18.29	19.19	19.63	16.95	7.26
Dec. 30	2.46	18.29	19.21	19.80	17.05	7.27
Dec. 31	2.44	18.31	19.22	19.85	17.20	7.26
Ene. 1	2.47	18.31	19.22	20.01	17.69	7.26
Ene. 2	2.47	18.31	19.23	20.15	17.88	7.27
Ene. 3	2.46	18.32	19.25	20.22	17.95	7.28
Ene. 4	2.46	18.31	19.25	20.26	18.03	7.27
Ene. 5	2.47	18.31	19.27	20.31	18.38	7.28
Ene. 6	2.47	18.32	19.26	20.46	18.59	7.29
Ene. 7	2.45	18.33	19.27	20.50	18.77	7.30
Ene. 8	2.46	18.32	19.29	20.65	18.95	7.30
Ene. 9	2.47	18.33	19.29	20.71	19.20	7.31
Ene. 10	2.47	18.33	19.29	20.81	19.31	7.32
Ene. 11	2.47	18.33	19.30	20.84	19.42	7.32
Ene. 12	2.47	18.35	19.30	21.03	20.23	7.32
Ene. 13	2.48	18.33	19.30	21.97	20.87	7.32
Ene. 14	2.47	18.35	19.31	22.43	21.26	7.32
Ene. 15	2.47	18.36	19.31	22.59	21.87	7.32
Ene. 16	2.48	18.37	19.32	22.76	22.53	7.32
Ene. 17	2.49	18.37	19.31	22.84	22.88	7.32
Ene. 18	2.49	18.39	19.32	23.97	23.21	7.32
Ene. 19	2.49	18.38	19.32	23.99	23.50	7.32
Ene. 20	2.50	18.39	19.34	23.99	23.71	7.32
Ene. 21	2.50	18.40	19.33	24.04	23.93	7.32
Ene. 22	2.50	18.40	19.35	24.09	24.04	7.32
Ene. 23	2.50	18.41	19.35	24.11	24.28	7.32
Ene. 24	2.49	18.41	19.36	24.15	24.46	7.32
Ene. 25	2.50	18.42	19.37	24.16	24.63	7.32
Ene. 26	2.50	18.42	19.37	24.16	24.69	7.32
Ene. 27	2.49	18.40	19.36	24.16	24.70	7.32
Ene. 28	2.50	18.41	19.37	24.15	24.55	7.32
Ene. 29	2.50	18.42	19.37	24.16	24.56	7.32
Ene. 30	2.49	18.41	19.37	24.15	24.56	7.32
Ene. 31	2.49	18.43	19.38	24.15	24.55	7.32
Feb. 1	2.49	18.44	19.37	24.16	24.59	7.32
Feb. 2	2.49	18.44	19.38	24.17	24.58	7.32
Feb. 3	2.50	18.43	19.38	24.17	24.59	7.32
Feb. 4	2.49	18.44	19.39	24.16	24.60	7.32
Feb. 5	2.49	18.44	19.39	24.16	24.60	7.32
Feb. 6	2.49	18.45	19.38	24.16	24.61	7.32
Feb. 7	2.50	18.44	19.39	24.16	24.61	7.32
Feb. 8	2.49	18.44	19.40	24.17	24.62	7.32
Feb. 9	2.49	18.44	19.40	24.16	24.63	7.32
Feb. 10	2.50	18.43	19.39	24.16	24.62	7.32
Feb. 11	2.50	18.45	19.40	24.16	24.63	7.32

Datos del Inclinómetro (desviación de incremento: mm)

B1

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	7.32	7.65	7.32	7.65	6.59	6.89	9.02	3.83	6.59	6.89	5.86	6.12	6.59	6.89	7.32	7.65	8.05	8.42	7.32	7.65
1.0	2.35	2.01	2.33	2.01	2.08	1.81	2.58	1.01	2.11	1.81	1.86	1.61	2.09	1.81	2.31	2.01	2.54	2.21	2.30	2.01
1.5	3.64	1.65	3.64	1.65	3.28	1.49	2.98	0.83	3.28	1.49	2.91	1.32	3.28	1.49	3.64	1.65	4.00	1.82	3.64	1.65
2.0	2.34	0.01	1.89	0.01	1.20	0.01	1.18	0.01	1.98	0.01	1.23	0.01	1.46	0.01	1.31	0.01	1.28	0.01	1.05	0.01
2.5	7.10	0.56	7.73	0.89	7.65	1.16	4.60	0.28	6.57	0.60	6.58	0.92	7.29	0.97	8.54	1.31	9.61	1.56	8.90	1.50
3.0	4.98	-3.12	4.98	-3.74	4.48	-4.05	-0.93	-1.56	4.48	-2.99	3.98	-3.38	4.48	-3.69	4.98	-4.54	5.48	-5.20	4.98	-4.89
3.5	4.02	-3.45	4.21	-3.85	4.00	-4.02	-1.34	-1.68	3.67	-3.16	3.49	-3.40	3.89	-3.73	4.45	-4.49	4.96	-5.12	4.56	-4.78
4.0	6.94	-4.05	6.94	-3.69	6.25	-2.92	1.36	-2.03	6.25	-3.54	5.55	-2.72	6.25	-3.13	6.94	-3.22	7.63	-3.42	6.94	-3.01
4.5	7.40	-5.96	7.38	-5.96	6.63	-5.36	-0.47	-2.98	6.66	-5.36	5.90	-4.77	6.64	-5.36	7.36	-5.96	8.09	-6.56	7.36	-5.96
5.0	6.11	-5.79	6.15	-5.79	5.58	-5.21	-1.00	-2.90	5.51	-5.21	4.94	-4.63	5.55	-5.21	6.20	-5.79	6.83	-6.37	6.22	-5.79
5.5	3.99	-5.75	3.99	-5.75	3.59	-5.18	-2.03	-2.88	3.59	-5.18	3.19	-4.60	3.59	-5.18	3.99	-5.75	4.39	-6.33	3.99	-5.75
6.0	1.65	-6.58	1.65	-6.58	1.49	-5.92	-3.78	-3.29	1.49	-5.92	1.32	-5.26	1.49	-5.92	1.65	-6.58	1.82	-7.24	1.65	-6.58
6.5	-0.92	-8.99	-0.92	-8.99	-0.83	-8.09	-6.75	-4.50	-0.83	-8.09	-0.74	-7.19	-0.83	-8.09	-0.92	-8.99	-1.01	-9.89	-0.92	-8.99
7.0	-5.04	-8.35	-5.95	-8.35	-6.36	-7.52	-8.37	-4.18	-4.80	-7.52	-5.34	-6.68	-5.84	-7.52	-7.13	-8.35	-8.15	-9.19	-7.65	-8.35
7.5	-5.01	-6.35	-5.90	-6.35	-6.28	-5.72	-6.95	-3.18	-4.76	-5.72	-5.27	-6.08	-5.77	-5.72	-7.03	-6.35	-8.04	-6.99	-7.54	-6.35
8.0	2.51	-5.96	2.51	-5.96	2.26	-5.36	-2.92	-2.98	2.26	-5.36	2.01	-4.77	2.26	-5.36	2.51	-5.96	2.76	-6.56	2.51	-5.96
8.5	8.42	-4.98	8.93	-4.98	8.60	-4.48	0.72	-2.49	7.72	-4.48	7.47	-3.98	8.31	-4.48	9.59	-4.98	10.72	-5.48	9.88	-4.98
9.0	9.03	-4.58	9.39	-4.58	8.84	-4.12	1.31	-2.29	8.23	-4.12	7.73	-3.66	8.64	-4.12	9.85	-4.58	10.95	-5.04	10.05	-4.58
9.5	7.38	-4.44	7.42	-4.44	6.71	-4.00	0.58	-2.22	6.65	-4.00	5.95	-3.55	6.69	-4.00	7.46	-4.44	8.22	-4.88	7.48	-4.44
10.0	5.01	-4.32	5.01	-4.32	4.51	-3.89	-0.52	-2.16	4.51	-3.89	4.01	-3.46	4.51	-3.89	5.01	-4.32	5.51	-4.75	5.01	-4.32
10.5	4.02	-4.99	4.02	-4.99	3.62	-4.49	-1.48	-2.50	3.62	-4.49	3.22	-3.99	3.62	-4.49	4.02	-4.99	4.42	-5.49	4.02	-4.99
11.0	4.03	-5.09	4.03	-5.09	3.63	-4.58	-1.55	-2.55	3.63	-4.58	3.22	-4.07	3.63	-4.58	4.03	-5.09	4.43	-5.60	4.03	-5.09
11.5	4.02	-6.38	4.02	-6.38	3.62	-5.74	-2.46	-3.19	3.62	-5.74	3.22	-5.10	3.62	-5.74	4.02	-6.38	4.42	-7.02	4.02	-6.38
12.0	4.03	-5.89	4.03	-5.89	3.63	-5.30	-2.11	-2.95	3.63	-5.30	3.22	-4.71	3.63	-5.30	4.03	-5.89	4.43	-6.48	4.03	-5.89
12.5	6.90	-4.01	6.90	-4.01	6.21	-3.61	0.64	-2.01	6.21	-3.61	5.52	-3.21	6.21	-3.61	6.90	-4.01	7.59	-4.41	6.90	-4.01
13.0	10.01	-2.65	10.01	-2.65	9.01	-2.39	3.15	-1.33	9.01	-2.39	8.01	-2.12	9.01	-2.39	10.01	-2.65	11.01	-2.92	10.01	-2.65
13.5	10.23	-2.63	10.23	-2.63	9.21	-2.37	3.27	-1.32	9.21	-2.37	8.18	-2.10	9.21	-2.37	10.23	-2.63	11.25	-2.89	10.23	-2.63
14.0	7.89	-4.02	7.89	-4.02	7.10	-3.62	1.13	-2.01	7.10	-3.62	6.31	-3.22	7.10	-3.62	7.89	-4.02	8.68	-4.42	7.89	-4.02
14.5	5.00	-5.02	5.00	-5.02	4.50	-4.52	-1.01	-2.51	4.50	-4.52	4.00	-4.02	4.50	-4.52	5.00	-5.02	5.50	-5.52	5.00	-5.02
15.0	5.02	-6.21	5.03	-6.21	4.54	-5.59	-1.84	-3.11	4.52	-5.59	4.03	-4.97	4.53	-5.59	5.04	-6.21	5.55	-6.83	5.05	-6.21
15.5	4.97	-6.95	4.98	-6.95	4.50	-6.26	-2.38	-3.48	4.48	-6.26	4.00	-5.56	4.49	-6.26	5.00	-6.95	5.51	-7.65	5.01	-6.95
16.0	2.65	-6.55	2.66	-6.55	2.41	-5.90	-3.26	-3.28	2.39	-5.90	2.14	-5.24	2.40	-5.90	2.67	-6.55	2.95	-7.21	2.68	-6.55
16.5	2.40	-4.68	2.40	-4.68	2.17	-4.21	-2.08	-2.34	2.16	-4.21	1.93	-3.74	2.17	-4.21	2.41	-4.68	2.65	-5.15	2.41	-4.68
17.0	1.97	-3.66	1.99	-3.66	1.82	-3.29	-1.58	-1.83	1.78	-3.29	1.61	-2.93	1.80	-3.29	2.02	-3.66	2.23	-4.03	2.03	-3.66
17.5	2.63	-4.68	2.59	-4.68	2.28	-4.21	-1.96	-2.34	2.36	-4.21	2.04	-3.74	2.31	-4.21	2.53	-4.68	2.77	-5.15	2.51	-4.68
18.0	3.45	-5.03	3.41	-5.03	3.02	-4.53	-1.80	-2.52	3.09	-4.53	2.70	-4.02	3.05	-4.53	3.35	-5.03	3.68	-5.53	3.33	-5.03
18.5	5.02	-5.00	5.02	-5.00	4.52	-4.50	-0.99	-2.50	4.52	-4.50	4.02	-4.00	4.52	-4.50	5.02	-5.00	5.52	-5.50	5.02	-5.00
19.0	9.02	-5.06	9.02	-5.06	8.12	-4.55	0.97	-2.53	8.12	-4.55	7.22	-4.05	8.12	-4.55	9.02	-5.06	9.92	-5.57	9.02	-5.06
19.5	9.03	-4.98	9.03	-4.98	8.13	-4.48	1.03	-2.49	8.13	-4.48	7.22	-3.98	8.13	-4.48	9.03	-4.98	9.93	-5.48	9.03	-4.98
20.0	9.35	-5.21	9.35	-5.21	8.42	-4.69	1.03	-2.61	8.42	-4.69	7.48	-4.17	8.42	-4.69	9.35	-5.21	10.29	-5.73	9.35	-5.21

Datos del Inclinómetro (desviación de incremento: mm)

B1

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	7.68	-6.55	7.68	-6.55	6.91	-3.28	6.91	-3.28	6.91	-3.28	6.14	-5.24	6.91	-5.90	7.68	-6.55	8.45	-7.21	7.68	-6.55
21.0	7.65	-9.06	7.62	-9.73	6.88	-4.53	6.88	-4.53	6.88	-4.53	6.08	-8.21	6.84	-8.35	7.58	-10.60	8.33	-11.89	7.56	-10.98
21.5	7.58	-9.25	7.11	-10.23	5.88	-10.29	-4.65	-4.63	6.69	-8.61	5.39	-8.80	6.15	-8.73	6.51	-11.49	7.00	-12.98	6.24	-12.05
22.0	7.56	-4.65	7.03	-4.79	5.75	-4.47	0.24	-2.33	6.65	-4.23	5.29	-3.93	6.05	-4.39	6.35	-4.98	6.81	-5.53	6.05	-5.06
22.5	7.48	-4.02	7.48	-4.02	6.73	-3.62	0.93	-2.01	6.73	-3.62	5.98	-3.22	6.73	-3.62	7.48	-4.02	8.23	-4.42	7.48	-4.02
23.0	7.56	-3.98	7.64	-2.92	6.97	-1.47	3.11	-1.99	6.83	-3.28	6.16	-1.67	6.92	-2.07	7.74	-1.56	8.55	-1.36	7.79	-0.96
23.5	6.05	-3.52	6.21	-1.25	5.76	1.38	5.11	-1.76	5.49	-2.52	5.07	0.43	5.67	0.08	6.41	1.68	7.11	2.63	6.50	2.98
24.0	4.99	-0.01	4.64	1.59	3.80	3.19	5.69	-0.01	4.39	0.45	3.50	2.28	4.00	2.28	4.20	3.65	4.50	4.56	4.00	4.56
24.5	2.35	0.00	1.21	1.41	-0.16	2.81	3.99	0.00	1.79	0.40	0.26	2.01	4.09	2.01	-0.25	3.22	-0.67	4.02	-0.90	4.52
25.0	1.98	-0.65	-0.12	-0.65	-2.42	-0.59	0.54	-0.33	1.18	-0.59	-1.42	-0.52	-1.22	-0.59	-2.82	-0.65	-3.82	-0.72	-4.02	-0.65
25.5	0.32	-0.52	-1.54	-1.75	-3.44	-2.92	-2.65	-0.26	-0.24	-0.82	-2.40	-2.17	-2.37	-2.22	-3.94	-3.32	-4.97	-4.07	-5.00	-4.02
26.0	-0.95	-1.02	-2.04	-3.94	-3.03	-6.75	-7.02	-0.51	-1.17	-1.75	-2.32	-4.98	-2.41	-5.08	-3.44	-7.68	-4.16	-9.45	-4.06	-9.35
26.5	-1.12	-9.02	-0.62	-12.88	0.00	-15.84	-14.60	-4.51	-0.36	-9.22	-0.18	-12.73	-0.29	-13.63	0.03	-17.84	0.21	-20.95	0.32	-20.05
27.0	-0.85	-10.00	1.27	-13.51	3.47	-16.01	-14.44	-5.00	-0.16	-10.00	2.35	-13.01	2.26	-14.01	3.99	-18.02	5.12	-21.02	5.20	-20.02
27.5	0.97	-9.66	4.13	-11.17	7.20	-11.72	-9.30	-4.83	1.78	-9.13	5.30	-9.89	5.39	-10.95	8.20	-13.12	10.11	-14.95	10.01	-13.98
28.0	4.06	-5.02	7.26	-5.01	10.05	-4.50	-1.47	-2.51	4.57	-4.52	7.82	-4.01	8.22	-4.51	11.37	-5.00	13.61	-5.50	13.20	-5.00
28.5	5.06	-4.23	7.72	0.42	9.87	5.49	8.87	-2.12	5.31	-2.48	7.84	3.26	8.35	2.83	11.13	6.39	13.16	8.63	12.65	9.05
29.0	5.16	-4.58	6.17	1.11	6.67	7.26	10.76	-2.29	4.93	-2.50	5.57	4.47	6.09	4.01	7.47	8.43	8.57	11.22	8.05	11.68
29.5	5.12	-12.69	5.11	-8.25	4.59	-2.54	2.56	-6.35	4.61	-10.15	4.09	-3.81	4.60	-5.08	5.10	-2.54	5.61	-1.27	5.10	0.00
30.0	5.05	-14.52	4.18	-12.26	2.80	-8.54	-3.11	-7.26	4.30	-12.42	2.79	-8.38	3.30	-9.83	3.05	-9.34	3.06	-9.50	2.55	-8.05
30.5	6.02	-13.00	2.85	-13.34	-0.93	-12.38	-6.77	-6.50	4.51	-11.80	0.28	-10.89	0.88	-12.19	-1.24	-13.78	-2.45	-15.27	-3.05	-13.97
31.0	10.03	-9.65	5.43	-11.53	-0.18	-12.44	-5.50	-4.83	7.71	-9.22	1.45	-10.41	2.45	-11.37	-0.49	-13.95	-2.12	-15.99	-3.12	-15.02
31.5	11.85	-7.58	8.58	-10.17	4.12	-12.00	-4.56	-3.79	9.73	-7.56	4.81	-9.76	5.99	-10.52	4.37	-13.50	3.69	-15.74	2.50	-14.98
32.0	12.33	-5.97	11.17	-8.74	8.77	-10.90	-3.54	-2.99	10.77	-6.16	8.20	-8.73	9.44	-9.32	9.67	-12.29	10.24	-14.47	9.01	-13.87
32.5	12.10	-2.66	12.87	-4.54	12.44	-6.15	0.43	-1.33	11.11	-2.93	10.79	-4.81	12.00	-5.08	13.87	-6.96	15.52	-8.30	14.31	-8.03
33.0	11.56	-2.67	13.19	-3.48	13.67	-4.02	2.29	-1.34	10.87	-2.63	11.58	-3.29	12.73	-3.56	15.29	-4.52	17.38	-5.25	16.22	-4.98
33.5	11.34	-2.69	12.97	-2.13	13.48	-1.31	4.90	-1.35	10.67	-2.26	11.41	-1.36	12.54	-1.63	15.08	-1.42	17.14	-1.37	16.01	-1.10
34.0	6.85	-2.11	6.85	-0.63	6.17	1.07	4.92	-1.06	6.17	-1.48	5.48	0.43	6.17	0.22	6.85	1.28	7.54	1.92	6.85	2.13
34.5	5.68	-2.03	5.44	0.31	4.62	2.85	6.10	-1.02	5.04	-1.16	4.19	1.72	4.76	1.51	5.12	3.31	5.55	4.45	4.98	4.65
35.0	5.06	-2.50	4.89	-0.02	4.20	2.71	5.74	-1.25	4.50	-1.54	3.80	1.54	4.30	1.29	4.66	3.16	5.07	4.33	4.56	4.58
35.5	3.05	-2.54	2.34	-1.31	1.32	0.17	2.20	-1.27	2.54	-1.94	1.43	-0.28	1.73	-0.53	1.43	0.27	1.33	0.72	1.02	0.97
36.0	1.05	-2.60	0.91	-2.93	0.67	-3.01	-1.96	-1.30	0.91	-2.44	0.64	-2.56	0.75	-2.82	0.73	-3.36	0.76	-3.81	0.65	-3.55
36.5	0.68	-3.01	0.80	-4.97	0.85	-6.62	-5.68	-1.51	0.65	-3.27	0.71	-5.20	0.78	-5.50	0.95	-7.48	1.09	-8.90	1.02	-8.60
37.0	2.65	-6.53	3.42	-9.23	3.93	-11.28	-8.65	-3.27	2.61	-6.65	3.22	-9.08	3.49	-9.74	4.41	-12.71	5.12	-14.90	4.85	-14.25
37.5	3.87	-6.66	4.80	-8.26	5.34	-9.19	-5.93	-3.33	3.75	-6.45	4.42	-7.61	4.81	-8.28	5.99	-10.32	6.91	-11.90	6.52	-11.23
38.0	5.26	-4.52	5.60	-4.93	5.41	-4.89	-1.35	-2.26	4.83	-4.19	4.69	-4.20	5.22	-4.65	6.04	-5.46	6.76	-6.14	6.23	-5.69
38.5	2.96	-4.22	2.93	-3.98	2.59	-3.32	-1.00	-2.11	2.65	-3.73	2.32	-3.04	2.61	-3.46	2.88	-3.68	3.16	-3.96	2.86	-3.54
39.0	6.05	-6.87	6.05	-6.74	5.45	-5.92	-1.53	-3.44	5.45	-6.15	4.84	-5.31	5.45	-6.00	6.05	-6.57	6.66	-7.19	6.05	-6.50

Datos del Inclinómetro (desviación de incremento: mm)

B2

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	-5.15	8.96	-4.18	9.50	-2.69	9.13	4.76	4.48	-4.36	8.22	-2.73	7.93	-3.25	8.83	-2.93	10.18	-2.89	11.38	-2.37	10.48
1.0	-4.02	10.65	-4.99	10.11	-5.57	8.52	4.38	5.32	-3.90	9.43	-4.61	7.76	-5.01	8.82	-6.25	9.43	-7.21	10.19	-6.80	9.12
1.5	-2.86	7.56	-3.61	8.82	-4.07	9.33	6.39	3.78	-2.79	7.16	-3.36	7.85	-3.64	8.61	-4.57	10.45	-5.29	11.93	-5.00	11.18
2.0	-1.08	2.47	-1.71	4.30	-2.24	5.88	4.85	1.23	-1.15	2.74	-1.77	4.59	-1.88	4.83	-2.53	6.65	-2.99	7.94	-2.89	7.70
2.5	3.92	1.98	2.17	2.04	0.03	1.90	3.46	0.99	3.03	1.80	0.63	1.67	1.03	1.86	-0.08	2.11	-0.69	2.34	-1.03	2.14
3.0	7.32	2.67	6.15	2.37	4.24	1.81	4.93	1.34	6.25	2.32	4.18	1.71	4.91	1.98	4.64	1.99	4.70	2.09	3.97	1.82
3.5	9.20	3.34	8.57	3.19	7.02	2.70	6.63	1.67	8.10	2.96	6.46	2.45	7.38	2.79	7.76	2.99	8.32	3.24	7.40	2.90
4.0	9.95	0.55	9.64	1.64	8.34	2.68	7.54	0.28	8.87	0.81	7.52	2.00	8.52	2.05	9.25	3.04	10.07	3.72	9.07	3.66
4.5	7.63	0.16	8.46	0.27	8.53	0.35	4.14	0.08	7.10	0.18	7.29	0.28	8.05	0.29	9.53	0.40	10.76	0.48	10.00	0.46
5.0	4.59	2.28	5.72	1.47	6.40	0.44	2.28	1.14	4.45	1.82	5.29	0.67	5.75	0.90	7.19	0.44	8.29	0.21	7.84	-0.02
5.5	1.01	6.84	2.19	5.30	3.27	3.08	2.21	3.42	1.24	5.72	2.49	3.27	2.59	3.96	3.71	3.32	4.48	3.13	4.38	2.44
6.0	-1.13	9.33	-0.86	8.53	-0.48	6.79	4.35	4.67	-0.94	8.17	-0.52	6.31	-0.63	7.25	-0.52	7.49	-0.47	7.96	-0.36	7.03
6.5	-1.91	9.84	-2.66	9.99	-3.21	9.16	6.24	4.92	-1.93	8.90	-2.60	8.09	-2.79	9.07	-3.62	10.19	-4.24	11.26	-4.05	10.28
7.0	-1.52	9.49	-2.72	9.82	-3.77	9.19	6.53	4.75	-1.71	8.64	-2.93	8.06	-3.08	9.00	-4.26	10.23	-5.10	11.36	-4.95	10.41
7.5	0.93	8.29	-0.26	8.78	-1.55	8.43	7.24	4.15	0.49	7.60	-0.96	7.33	-0.87	8.16	-1.79	9.40	-2.38	10.51	-2.47	9.68
8.0	3.38	6.45	3.04	7.05	2.37	7.00	7.40	3.23	2.94	5.98	2.22	6.01	2.56	6.66	2.61	7.82	2.76	8.80	2.42	8.16
8.5	5.08	7.79	5.56	7.02	5.54	5.48	6.46	3.89	4.71	6.79	4.76	5.14	5.27	5.91	6.19	6.04	6.98	6.38	6.47	5.60
9.0	4.87	5.53	5.91	6.12	6.46	6.15	7.48	2.76	4.88	5.15	5.38	5.26	5.87	5.82	7.24	6.88	8.32	7.76	7.84	7.21
9.5	3.51	2.29	4.32	2.61	4.78	3.81	5.30	0.65	3.39	1.54	3.96	2.92	4.31	3.05	5.36	4.31	6.18	5.20	5.82	5.07
10.0	3.58	-2.63	3.56	-1.27	3.19	0.35	2.66	-1.31	3.22	-1.98	2.84	-0.17	3.20	-0.43	3.54	0.47	3.89	0.98	3.53	1.24
10.5	3.07	-3.11	3.26	-2.93	3.14	-2.43	-0.27	-1.56	2.81	-2.75	2.72	-2.22	3.03	-2.53	3.50	-2.69	3.91	-2.89	3.61	-2.58
11.0	3.22	-0.25	3.19	-1.22	2.83	-2.16	-0.50	-0.13	2.89	-0.50	2.53	-1.59	2.85	-1.61	3.14	-2.47	3.44	-3.04	3.12	-3.02
11.5	1.65	3.34	2.15	2.22	2.49	0.76	0.92	1.67	1.63	2.69	2.04	1.07	2.21	1.41	2.80	0.78	3.26	0.47	3.09	0.14
12.0	-0.18	7.58	0.49	6.06	1.17	3.77	2.17	3.79	0.03	6.39	0.81	3.89	0.79	4.65	1.35	4.10	1.71	3.98	1.73	3.23
12.5	-1.29	10.02	-0.80	9.15	-0.19	7.28	4.63	5.01	-1.02	8.77	-0.34	6.77	-0.46	7.78	-0.18	8.03	-0.03	8.54	0.10	7.53
13.0	-2.16	10.83	-1.72	10.57	-1.06	9.23	5.98	5.41	-1.82	9.67	-1.10	8.29	-1.32	9.38	-1.15	10.24	-1.12	11.18	-0.90	10.09
13.5	-3.25	9.31	-2.84	9.93	-2.11	9.62	6.13	4.65	-2.81	8.56	-2.02	8.33	-2.34	9.26	-2.32	10.73	-2.41	12.01	-2.09	11.08
14.0	-3.07	5.78	-3.20	7.12	-3.03	7.88	5.19	2.89	-2.80	5.59	-2.65	6.54	-2.95	7.12	-3.38	8.84	-3.76	10.19	-3.45	9.61
14.5	-2.32	4.33	-2.79	4.99	-3.03	5.21	3.18	2.17	-2.22	4.09	-2.53	4.40	-2.76	4.83	-3.39	5.82	-3.89	6.63	-3.66	6.20
15.0	-0.72	3.78	-1.43	4.09	-2.06	4.03	2.91	1.89	-0.95	3.49	-1.58	3.47	-1.65	3.85	-2.33	4.50	-2.80	5.06	-2.73	4.68
15.5	-5.13	2.63	-3.35	2.88	-1.06	2.88	-0.21	1.31	-4.11	2.44	-1.56	2.47	-2.08	2.73	-1.07	3.22	-0.56	3.63	-0.05	3.36
16.0	-7.01	2.19	-6.23	2.22	-4.74	2.03	-1.91	1.09	-6.09	1.98	-4.49	1.80	-5.19	2.02	-5.22	2.26	-5.47	2.50	-4.77	2.28
16.5	-3.66	0.92	-4.88	1.31	-5.73	1.60	-0.41	0.46	-3.84	0.94	-4.67	1.29	-5.03	1.38	-6.44	1.81	-7.51	2.12	-7.14	2.03
17.0	0.34	-0.55	-1.06	-0.04	-2.49	0.52	0.80	-0.28	-0.10	-0.35	-1.73	0.28	-1.70	0.23	-2.86	0.61	-3.63	0.84	-3.66	0.90
17.5	2.60	-0.58	1.84	-0.57	0.81	-0.50	0.91	-0.29	2.12	-0.52	0.99	-0.45	1.25	-0.51	0.85	-0.56	0.67	-0.61	0.41	-0.55
18.0	0.98	0.65	3.30	0.23	5.52	-0.24	0.12	0.32	1.54	0.46	4.10	-0.07	4.19	-0.01	6.28	-0.29	7.70	-0.47	7.60	-0.53
18.5	1.83	0.97	1.50	0.85	0.98	0.65	1.37	0.48	1.55	0.84	0.99	0.61	1.17	0.71	1.07	0.71	1.06	0.74	0.88	0.65
19.0	4.28	1.18	3.39	1.10	2.06	0.91	2.82	0.59	3.60	1.04	2.15	0.84	2.57	0.95	2.24	1.01	2.15	1.09	1.73	0.97
19.5	4.74	1.27	4.61	1.17	4.00	0.95	3.06	0.63	4.23	1.11	3.60	0.88	4.07	1.00	4.43	1.05	4.83	1.12	4.36	0.99
20.0	2.40	3.85	3.10	3.43	3.56	2.62	3.05	1.92	2.36	3.34	2.92	2.48	3.16	2.86	4.01	2.89	4.65	3.03	4.41	2.65

Datos del Inclinómetro (desviación de incremento: mm)

B2

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	4.02	2.49	3.28	3.18	2.14	3.63	5.14	1.24	3.41	2.44	2.16	2.98	2.56	3.23	2.33	4.07	2.31	4.72	1.91	4.47
21.0	-0.21	8.27	1.32	6.10	2.86	3.11	1.35	4.14	0.25	6.82	2.01	3.52	1.99	4.35	3.28	3.31	4.13	2.90	4.15	2.07
21.5	-1.65	8.43	-1.00	8.29	-0.19	7.30	4.79	4.22	-1.30	7.55	-0.39	6.54	-0.56	7.38	-0.16	8.10	0.04	8.86	0.21	8.02
22.0	-0.75	8.06	-1.06	8.10	-1.30	7.32	5.34	4.03	-0.76	7.27	-1.05	6.50	-1.12	7.30	-0.14	8.14	-1.72	8.96	-1.65	8.16
22.5	1.37	6.82	0.65	7.13	-0.20	6.75	6.07	3.41	1.03	6.23	0.07	5.89	0.21	6.58	-0.26	7.52	-0.53	8.38	-0.67	7.70
23.0	0.67	5.81	0.91	6.08	1.09	5.77	4.95	2.90	0.67	5.30	0.88	5.04	0.95	5.62	1.23	6.43	1.43	7.17	1.37	6.59
23.5	0.57	4.65	0.61	4.99	0.60	4.85	4.20	2.33	0.52	4.28	0.52	4.20	0.57	4.66	0.67	5.41	0.75	6.06	0.70	5.60
24.0	-3.84	4.35	-2.28	4.53	-0.34	4.27	1.48	2.18	-3.01	3.97	-0.84	3.74	-1.23	4.17	-0.27	4.76	0.23	5.30	0.62	4.86
24.5	-6.13	5.37	-5.45	4.93	-4.15	3.96	-0.18	2.68	-5.32	4.71	-3.93	3.67	-4.54	4.21	-4.57	4.37	-4.79	4.66	-4.18	4.12
25.0	-2.71	7.37	-3.97	7.55	-4.96	6.99	4.16	3.69	-2.80	6.69	-3.97	6.15	-4.24	6.89	-5.59	7.78	-6.59	8.62	-6.31	7.88
25.5	-0.13	-2.14	-0.86	1.41	-1.58	5.17	5.53	-1.07	-0.32	-0.91	-1.15	3.35	-1.16	3.14	-1.80	5.97	-2.23	7.78	-2.22	8.00
26.0	-1.42	-0.81	-0.46	-1.35	0.64	-1.82	-2.37	-0.40	-1.00	-0.88	0.23	-1.43	0.09	-1.51	0.77	-2.06	1.17	-2.45	1.31	-2.37
26.5	-2.16	-0.09	-1.95	-0.33	-1.52	-0.55	-1.61	-0.05	-1.89	-0.15	-1.42	-0.41	-1.64	-0.42	-1.67	-0.63	-1.76	-0.77	-1.55	-0.76
27.0	-5.70	5.30	-4.47	3.48	-2.67	1.12	-2.78	2.65	-4.78	4.25	-2.80	1.64	-3.73	2.17	-2.89	1.13	-2.76	0.92	-2.19	0.09
27.5	-7.40	5.71	-6.75	5.59	-5.36	4.88	0.04	2.86	-6.47	5.11	-4.99	4.39	-5.73	4.96	-5.91	5.42	-6.28	5.62	-5.54	5.35
28.0	-8.53	5.51	-8.10	5.64	-6.81	5.21	-0.15	2.75	-7.55	4.99	-6.21	4.59	-7.06	5.14	-7.54	5.80	-8.15	6.43	-7.29	5.88
28.5	-6.93	4.59	-7.57	5.10	-7.52	5.16	0.78	2.29	-6.42	4.27	-6.46	4.41	-7.15	4.86	-8.40	5.76	-9.46	6.52	-8.76	6.06
29.0	-6.37	5.62	-6.57	5.37	-6.14	4.56	0.25	2.81	-5.79	4.99	-5.39	4.14	-6.03	4.70	-6.84	5.05	-7.60	5.47	-6.96	4.91
29.5	-5.98	7.51	-6.06	6.83	-5.54	5.41	0.91	3.76	-5.40	6.57	-4.90	5.04	-5.50	5.79	-6.16	5.96	-6.81	6.33	-6.21	5.58
30.0	-3.04	11.57	-4.06	10.17	-4.78	7.62	3.79	5.78	-3.03	10.01	-3.89	7.26	-4.19	8.42	-5.37	8.38	-6.26	8.74	-5.95	7.58
30.5	-3.22	11.94	-3.14	11.85	-2.74	10.58	6.58	5.97	-2.88	10.72	-2.46	9.43	-2.78	10.53	-3.04	11.75	-3.31	12.90	-2.99	11.71
31.0	-3.30	11.68	-3.27	11.70	-2.91	10.55	6.56	5.84	-2.96	10.52	-2.60	9.37	-2.93	10.54	-3.24	11.72	-3.55	12.90	-3.22	11.73
31.5	-5.26	9.86	-4.56	10.51	-3.34	10.17	5.56	4.93	-4.53	9.06	-3.21	8.81	-3.74	9.80	-3.67	11.34	-3.80	12.69	-3.27	11.71
32.0	-5.57	7.19	-5.45	8.16	-4.78	8.41	4.18	3.59	-4.98	6.75	-4.29	7.13	-4.84	7.85	-5.30	9.40	-5.79	10.67	-5.23	9.95
32.5	-5.98	5.18	-5.90	5.87	-5.22	6.04	2.01	2.59	-5.36	4.86	-4.67	5.13	-5.27	5.65	-5.79	6.75	-6.35	7.66	-5.75	7.14
33.0	-9.64	6.77	-8.31	6.20	-6.02	4.95	-1.22	3.39	-8.30	5.93	-5.82	4.60	-6.78	5.28	-6.61	5.47	-6.81	5.82	-5.85	5.14
33.5	-10.31	6.20	-10.13	6.38	-8.92	5.95	-0.44	3.10	-9.23	5.63	-7.99	5.22	-9.02	5.84	-9.90	6.62	-10.82	7.35	-9.79	6.73
34.0	-6.31	6.61	-6.99	6.51	-7.04	5.74	1.26	3.31	-5.88	5.92	-6.02	5.14	-6.65	5.90	-7.86	6.37	-8.88	6.97	-8.25	6.31
34.5	-3.20	9.12	-4.28	8.19	-5.04	6.34	2.92	4.56	-3.19	7.94	-4.10	5.96	-4.42	6.88	-5.67	6.99	-6.61	7.36	-6.29	6.45
35.0	-2.81	9.77	-3.03	9.54	-2.98	8.34	4.98	4.88	-2.59	8.73	-2.57	7.49	-2.85	8.47	-3.32	9.25	-3.73	10.10	-3.45	9.12
35.5	-3.40	9.19	-3.22	9.34	-2.70	8.56	5.02	4.60	-3.01	8.32	-2.46	7.56	-2.80	8.48	-2.99	9.53	-3.23	10.53	-2.89	9.61
36.0	-2.45	5.58	-2.81	6.87	-2.93	7.60	5.26	2.79	-2.31	5.39	-2.47	6.30	-2.72	6.86	-3.27	8.53	-3.72	9.82	-3.48	9.26
36.5	-3.92	3.89	-3.34	4.47	-2.37	4.67	1.93	1.95	-3.36	3.67	-2.31	3.94	-2.70	4.33	-2.60	5.22	-2.66	5.94	-2.27	5.55
37.0	-5.93	3.39	-5.23	3.52	-3.95	3.32	-0.32	1.69	-3.91	3.09	-3.75	2.91	-4.34	3.24	-4.34	3.70	-4.54	4.12	-3.94	3.78
37.5	-4.79	1.87	-5.24	2.50	-5.22	2.95	0.18	0.93	-4.44	1.86	-4.48	2.40	-4.96	2.59	-5.82	3.32	-6.56	3.87	-6.08	3.69
38.0	-4.10	0.55	-4.36	1.07	-4.21	1.53	-0.63	0.28	-3.76	0.65	-3.65	1.18	-4.06	1.24	-4.70	1.73	-5.26	2.08	-4.85	2.03
38.5	-4.36	0.39	-4.24	0.34	-3.69	0.24	-2.02	0.20	-3.89	0.34	-3.32	0.23	-3.75	0.27	-4.09	0.26	-4.46	0.27	-4.02	0.23
39.0	-2.47	5.67	-3.07	3.67	-3.42	1.10	-1.27	2.83	-2.40	4.53	-2.83	1.68	-3.08	2.24	-3.84	1.10	-4.42	0.52	-4.18	-0.05

Datos del Inclinómetro (desviación de incremento: mm)

B3

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	-6.17	3.77	-6.15	3.77	-5.50	3.40	-0.44	1.89	-5.55	3.40	-4.90	3.02	-5.52	3.40	-6.11	3.77	-6.72	4.15	-6.10	3.77
1.0	-3.14	4.11	-3.10	4.11	-2.75	3.70	1.30	2.05	-2.82	3.70	-2.46	3.28	-2.77	3.70	-3.05	4.11	-3.34	4.52	-3.03	4.11
1.5	-4.13	2.19	-4.16	2.19	-3.77	1.97	-0.53	1.09	-3.72	1.97	-3.34	1.75	-3.75	1.97	-4.19	2.19	-4.62	2.40	-4.20	2.19
2.0	-3.45	0.96	-3.43	0.96	-3.08	0.86	-1.05	0.48	-3.10	0.86	-2.74	0.77	-3.08	0.86	-3.42	0.96	-3.75	1.06	-3.41	0.96
2.5	-2.80	1.06	-2.83	1.13	-2.58	1.09	-0.52	0.53	-2.53	0.97	-2.28	0.95	-2.56	1.05	-2.86	1.22	-3.16	1.36	-2.88	1.26
3.0	-1.52	2.81	-2.03	2.83	-2.40	2.56	1.24	1.41	-1.51	2.54	-1.95	2.27	-2.10	2.55	-2.70	2.84	-3.14	3.13	-2.99	2.85
3.5	-1.33	3.25	-1.51	3.20	-1.56	2.83	1.52	1.62	-1.25	2.91	-1.33	2.53	-1.46	2.85	-1.75	3.14	-1.99	3.44	-1.86	3.11
4.0	-0.95	3.97	-0.99	3.83	-0.93	3.30	2.03	1.99	-0.86	3.54	-0.81	2.98	-0.91	3.38	-1.04	3.66	-1.16	3.97	-1.06	3.58
4.5	0.98	6.66	1.00	6.64	0.91	5.97	5.13	3.33	0.89	5.99	0.81	5.31	0.91	5.97	1.02	6.63	1.12	7.29	1.02	6.62
5.0	2.99	10.33	3.67	10.61	4.05	9.85	9.28	5.17	2.89	9.38	3.36	8.66	3.66	9.70	4.54	10.97	5.22	12.16	4.92	11.13
5.5	0.95	11.66	1.21	12.04	1.38	11.25	9.40	5.83	0.93	10.60	1.14	9.87	1.23	11.04	1.55	12.53	1.80	13.91	1.70	12.75
6.0	-0.64	6.16	-0.79	6.51	-0.87	6.24	4.68	3.08	-0.62	5.64	-0.72	5.42	-0.79	6.04	-0.98	6.95	-1.13	7.77	-1.06	7.15
6.5	-2.59	0.79	-2.52	0.88	-2.41	0.88	-0.47	0.40	-2.19	0.74	-2.10	0.75	-2.34	0.83	-2.69	0.98	-3.00	1.11	-2.77	1.03
7.0	-2.58	-1.62	-2.71	-1.85	-2.58	-1.92	-0.89	-0.81	-2.36	-1.53	-2.25	-1.63	-2.51	-1.79	-2.88	-2.15	-3.21	-2.45	-2.95	-2.28
7.5	-1.44	-2.42	-1.45	-2.89	-1.32	-3.13	-3.36	-1.21	-1.30	-2.31	-1.17	-2.61	-1.31	-2.85	-1.47	-3.50	-1.62	-4.02	-1.48	-3.77
8.0	-2.73	-3.31	-2.73	-3.44	-2.45	-3.24	-3.94	-1.66	-2.45	-3.02	-2.18	-2.83	-2.45	-3.16	-2.73	-3.60	-3.00	-4.01	-2.73	-3.68
8.5	-1.52	0.20	-1.52	0.15	-1.36	0.09	-0.71	0.10	-1.36	0.17	-1.21	0.09	-1.36	0.11	-1.52	0.09	-1.67	0.09	-1.52	0.07
9.0	-2.88	0.60	-2.88	0.56	-2.59	0.47	-1.09	0.30	-2.59	0.53	-2.30	0.43	-2.59	0.49	-2.88	0.52	-3.17	0.56	-2.88	0.50
9.5	-4.92	-2.48	-4.92	-2.52	-4.43	-2.30	-4.27	-1.24	-4.43	-2.25	-3.94	-2.04	-4.43	-2.28	-4.92	-2.56	-5.42	-2.83	-4.92	-2.58
10.0	-7.39	3.18	-7.47	3.20	-6.81	2.91	-1.42	1.59	-6.67	2.87	-6.02	2.58	-6.76	2.89	-7.72	3.23	-8.35	3.56	-7.61	3.25
10.5	-7.39	5.13	-7.53	5.06	-6.94	4.48	-0.24	2.57	-6.69	4.60	-6.12	4.01	-6.86	4.52	-7.72	4.97	-8.54	5.45	-7.80	4.93
11.0	-4.47	8.68	-4.47	8.69	-4.02	7.83	3.86	4.34	-4.02	7.81	-3.58	6.96	-4.02	7.82	-4.47	8.70	-4.92	9.58	-4.47	8.71
11.5	-2.31	13.54	-2.27	13.58	-2.00	12.26	8.39	6.77	-2.07	12.20	-1.79	10.88	-2.02	12.24	-2.22	13.62	-2.43	15.00	-2.20	13.64
12.0	-1.36	13.44	-1.44	13.44	-1.39	12.10	8.73	6.72	-1.25	12.10	-1.20	10.75	-1.34	12.10	-1.55	13.44	-1.73	14.79	-1.59	13.44
12.5	-2.08	10.63	-2.03	10.77	-1.77	9.84	6.68	5.31	-1.86	9.61	-1.59	8.70	-1.80	9.76	-1.96	10.95	-2.14	12.09	-1.93	11.03
13.0	-3.64	8.38	-4.92	8.30	-5.84	7.38	3.88	4.19	-3.64	7.52	-4.75	6.59	-5.11	7.42	-6.58	8.19	-7.67	8.98	-7.31	8.15
13.5	-7.05	7.15	-7.01	7.08	-6.26	6.30	1.34	3.58	-6.33	6.42	-5.58	5.62	-6.28	6.34	-6.95	6.99	-7.64	7.67	-6.93	6.95
14.0	-7.50	6.56	-7.53	6.57	-6.80	5.92	0.86	3.28	-6.76	5.90	-6.04	5.26	-6.79	5.92	-7.56	6.58	-8.33	7.25	-7.58	6.59
14.5	-8.64	5.20	-8.62	5.25	-7.75	4.77	-0.59	2.60	-7.77	4.69	-6.89	4.23	-7.75	4.75	-8.61	5.30	-9.46	5.85	-8.60	5.33
15.0	-8.11	4.37	-7.72	4.38	-6.53	3.96	-0.97	2.19	-7.19	3.94	-5.94	3.51	-6.75	3.95	-7.23	4.40	-7.82	4.84	-7.01	4.40
15.5	-6.14	4.64	-5.96	4.74	-5.18	4.38	0.39	2.32	-5.47	4.20	-4.66	3.86	-5.28	4.32	-5.74	4.87	-6.26	5.40	-5.64	4.93
16.0	-6.02	4.80	-6.09	5.28	-5.55	5.27	1.30	2.40	-5.44	4.46	-4.91	4.52	-5.52	5.00	-6.17	5.89	-6.81	6.64	-6.21	6.16
16.5	-5.23	5.93	-4.88	6.32	-4.02	6.12	2.32	2.96	-4.61	5.45	-3.69	5.30	-4.21	5.90	-4.44	6.83	-4.77	7.65	-4.24	7.05
17.0	-6.40	7.45	-5.79	7.57	-4.54	6.94	2.25	3.73	-5.59	6.74	-4.25	6.13	-4.89	6.87	-5.01	7.72	-5.30	8.53	-4.66	7.78
17.5	-3.11	8.44	-3.44	8.69	-3.46	8.09	4.84	4.22	-2.89	7.67	-2.96	7.10	-3.27	7.95	-3.86	9.00	-4.36	9.98	-4.05	9.14
18.0	-5.98	10.56	-4.86	8.64	-3.13	5.66	0.55	5.28	-5.06	8.96	-3.18	5.70	-3.78	6.76	-3.41	6.17	-3.36	6.12	-2.77	5.07
18.5	-10.34	11.59	-10.71	11.72	-10.05	10.69	3.20	5.79	-9.41	10.47	-8.80	9.45	-9.84	10.61	-11.19	11.88	-12.44	13.11	-11.40	11.95
19.0	-10.00	8.25	-10.05	8.20	-9.11	7.33	0.68	4.12	-9.02	7.41	-8.08	6.53	-9.08	7.35	-10.12	8.14	-11.15	8.94	-10.15	8.11
19.5	-7.08	3.94	-7.02	3.99	-6.24	3.64	-0.69	1.97	-6.36	3.56	-5.57	3.22	-6.28	3.61	-6.93	4.05	-7.60	4.47	-6.89	4.07
20.0	-0.23	-1.79	-0.23	-1.74	-0.20	-1.52	-1.27	-0.89	-0.20	-1.60	-0.18	-1.36	-0.20	-1.54	-0.23	-1.68	-0.25	-1.83	-0.23	-1.66

Datos del Inclinómetro (desviación de incremento: mm)

B3

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	4.43	-5.70	4.45	-5.64	4.02	-5.01	-1.65	-2.85	3.99	-2.85	3.56	-4.47	4.01	-5.04	4.46	-5.56	4.91	-6.10	4.47	-5.53
21.0	6.82	-7.91	7.19	-8.09	6.88	-7.47	-2.48	-3.96	6.24	-7.17	5.98	-6.58	6.67	-7.37	7.67	-8.31	8.56	-9.20	7.88	-8.41
21.5	8.94	-6.16	9.71	-6.25	9.58	-5.73	-0.03	-3.08	8.27	-5.57	8.25	-5.06	9.14	-5.68	10.70	-6.37	12.03	-7.04	11.14	-6.42
22.0	6.21	-2.98	6.56	-2.91	6.28	-2.54	1.16	-1.49	5.69	-2.66	5.46	-2.28	6.08	-2.58	7.00	-2.82	7.82	-3.08	7.20	-2.78
22.5	-1.59	1.36	-1.99	1.50	-2.23	1.50	0.43	0.68	-1.55	1.26	-1.84	1.28	-2.00	1.42	-2.50	1.68	-2.89	1.89	-2.73	1.75
23.0	-9.09	4.40	-9.89	4.45	-9.77	4.06	-1.37	2.20	-8.41	3.98	-8.41	3.59	-9.32	4.03	-10.91	4.51	-12.27	4.98	-11.36	4.54
23.5	-7.08	6.69	-7.38	6.68	-6.96	6.00	1.12	3.34	-6.46	6.02	-6.08	5.33	-6.79	6.00	-7.75	6.66	-8.63	7.32	-7.92	6.66
24.0	-7.73	10.86	-7.67	11.06	-6.85	10.17	4.13	5.43	-6.94	9.83	-6.11	8.97	-6.88	10.06	-7.61	11.31	-8.35	12.51	-7.58	11.42
24.5	-11.93	12.48	-12.00	12.53	-10.87	11.33	2.87	6.24	-10.76	11.25	-9.64	10.05	-10.83	11.30	-12.08	12.59	-13.31	13.86	-12.12	12.62
25.0	-7.84	12.62	-7.85	12.53	-7.08	11.19	4.75	6.31	-7.06	11.33	-6.29	9.98	-7.08	11.24	-7.87	12.43	-8.66	13.65	-7.88	12.38
25.5	-2.65	10.50	-2.69	10.55	-2.47	9.56	6.14	5.25	-2.40	9.46	-2.18	8.48	-2.44	9.53	-2.74	10.63	-3.03	11.71	-2.77	10.66
26.0	-1.33	6.99	-1.33	6.98	-1.19	6.26	4.20	3.49	-1.19	6.28	-1.06	5.57	-1.19	6.27	-1.33	6.96	-1.46	7.65	-1.33	6.95
26.5	-0.34	4.44	-0.34	4.45	-0.31	4.02	2.96	2.22	-0.31	4.00	-0.27	3.57	-0.31	4.01	-0.34	4.46	-0.38	4.91	-0.34	4.47
27.0	0.30	2.05	0.26	2.13	0.19	2.01	1.75	1.03	0.26	1.87	0.19	1.76	0.22	1.96	0.21	2.24	0.22	2.49	0.19	2.28
27.5	-1.33	4.01	-1.33	4.00	-1.19	3.58	2.12	2.00	-1.19	3.60	-1.06	3.19	-1.19	3.59	-1.33	3.98	-1.46	4.37	-1.33	3.97
28.0	-0.42	3.15	-0.39	3.16	-0.32	2.85	2.02	1.57	-0.37	2.83	-0.30	2.53	-0.34	2.85	-0.36	3.17	-0.38	3.49	-0.34	3.18
28.5	-0.11	3.91	-0.13	3.93	-0.13	3.56	2.72	1.95	-0.11	3.52	-0.11	3.16	-0.12	3.55	-0.14	3.96	-0.16	4.36	-0.15	3.97
29.0	-7.23	9.17	-7.25	9.16	-6.54	8.23	2.78	4.59	-6.52	8.25	-5.81	7.32	-6.53	8.24	-7.27	9.15	-8.00	10.06	-7.27	9.14
29.5	-7.61	9.27	-7.61	9.16	-6.85	8.11	2.45	4.64	-6.85	8.31	-6.09	7.25	-6.85	8.18	-7.61	9.01	-8.38	9.87	-7.61	8.94
30.0	-6.17	7.25	-6.09	7.11	-5.40	6.25	1.71	3.63	-5.53	6.49	-4.83	5.60	-5.44	6.33	-5.99	6.93	-6.56	7.58	-5.95	6.85
30.5	-5.80	6.79	-5.78	6.79	-5.19	6.11	1.85	3.39	-5.21	6.11	-4.62	5.43	-5.20	6.11	-5.77	6.79	-6.34	7.47	-5.76	6.79
31.0	-2.99	6.09	-3.03	6.19	-2.77	5.67	2.95	3.05	-2.70	5.51	-2.45	5.01	-2.75	5.62	-3.08	6.30	-3.41	6.97	-3.11	6.36

Datos del Inclinómetro (desviación de incremento: mm)

B4

Profundidad(m)	12/5		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	49.82	-39.87	46.42	-9.58	38.04	24.69	57.58	-19.94	43.87	-27.23	35.00	11.37	39.98	42.05	29.36	45.09	42.88	40.11	46.67	46.67
1.0	44.21	-36.15	41.93	-9.05	35.23	21.67	51.00	-18.08	39.14	-24.79	32.11	9.79	36.53	39.00	25.79	42.12	37.67	37.70	41.28	41.28
1.5	41.27	-31.03	38.33	-6.66	31.27	20.81	47.65	-15.51	36.30	-20.96	28.82	9.99	32.95	34.56	24.67	37.01	35.49	32.89	38.59	38.59
2.0	37.97	-28.08	34.82	-5.96	27.87	18.97	43.57	-14.04	33.27	-18.95	25.87	9.14	29.67	30.77	22.49	32.76	32.32	28.97	35.13	35.13
2.5	35.65	-25.64	32.75	-5.22	26.28	17.76	40.71	-12.82	31.26	-17.24	24.38	8.65	27.94	29.02	21.03	30.93	30.13	27.36	32.69	32.69
3.0	31.91	-20.13	28.29	-3.17	21.48	15.81	35.79	-10.06	27.68	-13.27	20.36	8.13	23.55	23.64	18.64	24.76	26.32	21.57	28.33	28.33
3.5	30.84	-17.95	26.84	-1.88	19.77	15.97	34.98	-8.97	26.61	-11.56	18.97	8.59	22.05	6.79	21.71	18.77	22.51	26.15	19.43	27.95
4.0	32.26	-22.05	28.86	-4.24	22.24	15.78	36.32	-11.03	28.07	-14.76	20.95	7.81	24.18	5.60	24.49	18.67	25.78	26.64	22.55	28.85
4.5	31.91	-26.67	30.63	-7.46	26.16	14.41	35.70	-13.33	28.35	-18.51	23.70	6.10	26.89	3.44	28.98	17.23	31.44	25.54	28.25	28.25
5.0	31.37	-23.33	29.00	-5.61	23.49	14.45	34.80	-11.67	27.56	-15.94	21.71	6.65	24.85	4.32	25.95	17.18	27.74	24.97	24.60	27.31
5.5	27.54	-17.18	24.26	-3.09	18.24	12.72	29.92	-8.59	23.85	-11.44	17.35	6.38	20.11	4.67	20.05	15.03	20.94	21.36	18.18	23.08
6.0	21.21	-15.64	19.59	-4.20	15.85	8.81	22.54	-7.82	18.63	-10.81	14.65	3.83	16.77	2.27	17.50	10.51	18.70	15.49	16.58	17.05
6.5	16.76	-13.97	15.94	-5.18	13.46	5.01	16.19	-6.99	14.95	-10.06	12.25	1.38	13.92	-0.01	14.90	6.13	16.11	9.76	14.44	11.15
7.0	10.43	-13.85	11.89	-7.12	12.32	1.00	8.98	-6.92	9.80	-10.54	10.44	-1.46	11.48	-2.85	13.78	1.54	15.66	4.00	14.62	5.38
7.5	10.07	-13.59	11.23	-6.86	11.37	1.23	8.98	-6.79	9.39	-10.31	9.71	-1.26	10.71	-2.82	12.71	1.79	14.38	4.28	13.37	5.64
8.0	13.81	-12.18	13.25	-4.60	11.31	4.21	13.55	-6.09	12.27	-8.79	10.25	1.09	11.63	-0.13	12.53	5.15	13.59	8.27	12.21	9.49
8.5	16.22	-12.05	14.69	-3.62	11.54	6.03	16.55	-6.03	14.16	-8.44	10.79	2.41	12.42	1.21	12.73	7.23	13.48	10.85	11.85	12.05
9.0	14.62	-11.92	13.56	-4.43	11.03	4.26	13.95	-5.96	12.85	-8.59	10.18	1.17	11.64	-0.03	12.19	5.21	13.05	8.29	11.59	9.49
9.5	9.98	-12.69	10.61	-6.95	10.23	0.06	7.59	-6.35	9.16	-9.78	8.88	-1.95	9.88	-3.22	11.41	0.44	12.76	2.45	11.76	3.72
10.0	5.08	-13.08	7.36	-8.77	9.13	-3.15	2.00	-6.54	5.22	-10.54	7.32	-4.31	7.83	-5.62	10.29	-3.23	12.09	-2.08	11.59	-0.77
10.5	2.05	-13.33	5.33	-9.83	8.40	-5.00	-1.31	-6.67	2.78	-11.00	6.32	-5.67	6.52	-7.00	9.54	-5.33	11.61	-4.67	11.41	-3.33
11.0	-0.09	-13.33	3.59	-10.60	7.28	-6.53	-3.90	-6.67	0.97	-11.22	5.19	-6.76	5.18	-8.09	8.32	-7.08	10.42	-6.85	10.43	-5.51
11.5	-1.96	-12.44	2.78	-10.78	7.72	-7.87	-6.37	-6.22	-0.41	-10.72	5.20	-7.58	5.01	-8.82	8.88	-8.64	11.39	-8.94	11.59	-7.69
12.0	-3.92	-13.33	2.04	-11.85	8.39	-9.04	-8.33	-6.67	-1.83	-11.58	5.37	-8.55	4.98	-9.88	9.70	-9.95	12.71	-10.44	13.10	-9.10
12.5	-5.17	-13.97	2.04	-12.76	9.76	-10.15	-9.94	-6.99	-2.59	-12.23	6.16	-9.45	5.64	-10.35	11.30	-11.21	14.90	-11.91	15.42	-10.51
13.0	-5.79	-17.31	2.19	-15.33	10.76	-11.63	-11.06	-8.65	-2.93	-15.01	6.77	-11.03	6.19	-12.76	12.46	-12.79	16.44	-13.40	17.02	-11.67
13.5	-7.75	-18.59	1.20	-16.88	10.93	-13.32	-13.48	-9.29	-4.42	-16.24	6.59	-12.44	5.81	-14.29	12.71	-14.69	17.05	-15.58	17.83	-13.72
14.0	-8.29	-20.77	0.85	-19.02	10.82	-15.19	-15.18	-10.38	-4.85	-18.19	6.43	-14.12	5.60	-16.19	12.60	-16.77	17.00	-17.85	17.83	-15.77
14.5	-8.65	-21.79	0.40	-20.49	10.31	-17.01	-16.98	-10.90	-5.20	-19.24	6.01	-15.58	5.14	-17.76	12.03	-18.82	16.34	-20.26	17.20	-18.08
15.0	-9.89	-22.44	-0.63	-21.85	9.63	-19.03	-19.48	-11.22	-6.26	-20.03	5.32	-17.12	4.33	-19.36	11.28	-21.10	15.59	-23.01	16.58	-20.77
15.5	-10.07	-23.33	-0.09	-23.06	10.90	-20.46	-20.83	-11.67	-6.21	-20.92	6.20	-18.28	5.20	-20.82	12.75	-22.72	17.44	-24.90	18.45	-22.56
16.0	-8.47	-25.13	2.30	-23.92	13.90	-20.19	-19.40	-12.56	-4.55	-22.27	8.60	-18.37	7.75	-20.88	16.13	-22.36	21.43	-24.18	22.28	-21.67
16.5	-4.90	-29.23	6.23	-25.28	17.86	-18.41	-15.02	-14.62	-1.33	-25.18	11.99	-17.74	11.50	-20.67	20.55	-20.21	26.43	-20.87	26.92	-17.95
17.0	-0.18	-45.38	10.99	-34.08	22.17	-18.23	-9.24	-22.69	3.03	-37.62	15.81	-20.15	15.79	-24.89	25.35	-19.54	31.71	-17.62	31.73	-13.08
17.5	4.99	-36.28	15.88	-26.01	26.27	-12.10	-2.35	-18.14	7.60	-29.72	19.55	-14.35	20.04	-17.97	29.88	-12.79	36.60	-10.55	36.10	-6.92
18.0	7.84	-38.59	18.70	-25.98	28.77	-9.51	2.13	-19.29	10.16	-31.13	21.78	-12.86	22.57	-16.72	32.66	-9.77	39.64	-6.42	38.86	-2.56
18.5	10.16	-40.64	22.83	-25.88	34.47	-7.05	6.16	-20.32	12.76	-32.36	26.22	-11.42	27.24	-15.49	39.11	-6.90	47.36	-2.53	46.35	1.54
19.0	12.39	-41.79	22.46	-25.64	31.30	-5.31	9.25	-20.90	14.03	-33.00	24.30	-10.36	25.54	-14.54	35.42	-4.87	42.42	0.18	41.18	4.36
19.5	13.99	-41.41	22.79	-24.49	30.19	-3.44	11.84	-20.71	15.11	-32.44	23.76	-8.96	25.16	-13.10	34.10	-2.74	40.53	2.78	39.13	6.92
20.0	15.51	-39.62	22.90	-22.70	28.74	-1.82	13.86	-19.81	16.07	-30.82	22.97	-7.53	24.52	-11.49	32.41	-0.95	38.18	4.76	36.63	8.72

Datos del Inclinómetro (desviación de incremento: mm)

B4

Profundidad(m)	12/5		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	16.04	-36.92	22.94	-20.77	28.23	-0.92	14.48	-18.46	16.41	-28.62	22.68	-6.46	24.29	-10.15	31.80	0.00	37.34	5.54	35.74	9.23
21.0	16.58	-30.13	23.32	-16.26	28.40	0.62	14.93	-15.06	16.84	-23.15	22.89	-4.29	24.55	-7.31	31.98	1.56	37.49	6.47	35.83	9.49
21.5	16.31	-35.26	22.61	-18.88	27.28	1.03	16.23	-17.63	16.48	-27.05	22.05	-4.81	23.68	-8.33	30.71	2.18	35.94	8.01	34.31	11.54
22.0	15.86	-31.67	21.04	-16.32	24.63	2.19	16.46	-15.83	15.76	-24.12	20.09	-3.41	21.68	-6.58	27.70	3.41	32.25	9.01	30.66	12.18
22.5	15.06	-26.15	18.81	-12.33	21.04	4.10	16.86	-13.08	14.63	-19.59	17.40	-1.18	18.90	-3.79	23.62	5.44	27.26	10.72	25.76	13.33
23.0	12.39	-20.90	15.13	-9.14	16.94	4.71	15.08	-10.45	11.93	-15.45	13.83	0.08	15.07	-2.01	18.66	5.97	21.47	10.60	20.23	12.69
23.5	8.38	-13.97	10.28	-5.54	11.35	4.29	11.28	-6.99	8.08	-10.17	9.42	0.87	10.26	-0.53	12.73	5.31	14.65	8.73	13.81	10.13
24.0	4.19	-7.44	5.09	-2.54	5.58	3.09	6.67	-3.72	4.03	-5.29	4.64	1.04	5.06	0.29	6.26	3.74	7.19	5.79	6.77	6.54
24.5	-11.93	12.48	-12.00	12.53	-10.87	11.33	2.87	6.24	-10.76	11.25	-9.64	10.05	-10.83	11.30	-12.08	12.59	-13.31	13.86	-12.12	12.62
25.0	-7.84	12.62	-7.85	12.53	-7.08	11.19	4.75	6.31	-7.06	11.33	-6.29	9.98	-7.08	11.24	-7.87	12.43	-8.66	13.65	-7.88	12.38
25.5	-2.65	10.50	-2.69	10.55	-2.47	9.56	6.14	5.25	-2.40	9.46	-2.18	8.48	-2.44	9.53	-2.74	10.63	-3.03	11.71	-2.77	10.66
26.0	-1.33	6.99	-1.33	6.98	-1.19	6.26	4.20	3.49	-1.19	6.28	-1.06	5.57	-1.19	6.27	-1.33	6.96	-1.46	7.65	-1.33	6.95
26.5	-0.34	4.44	-0.34	4.45	-0.31	4.02	2.96	2.22	-0.31	4.00	-0.27	3.57	-0.31	4.01	-0.34	4.46	-0.38	4.91	-0.34	4.47
27.0	0.30	2.05	0.26	2.13	0.19	2.01	1.75	1.03	0.26	1.87	0.19	1.76	0.22	1.96	0.21	2.24	0.22	2.49	0.19	2.28
27.5	-1.33	4.01	-1.33	4.00	-1.19	3.58	2.12	2.00	-1.19	3.60	-1.06	3.19	-1.19	3.59	-1.33	3.98	-1.46	4.37	-1.33	3.97
28.0	-0.42	3.15	-0.39	3.16	-0.32	2.85	2.02	1.57	-0.37	2.83	-0.30	2.53	-0.34	2.85	-0.36	3.17	-0.38	3.49	-0.34	3.18
28.5	-0.11	3.91	-0.13	3.93	-0.13	3.56	2.72	1.95	-0.11	3.52	-0.11	3.16	-0.12	3.55	-0.14	3.96	-0.16	4.36	-0.15	3.97
29.0	-7.23	9.17	-7.25	9.16	-6.54	8.23	2.78	4.59	-6.52	8.25	-5.81	7.32	-6.53	8.24	-7.27	9.15	-8.00	10.06	-7.27	9.14
29.5	-7.61	9.27	-7.61	9.16	-6.85	8.11	2.45	4.64	-6.85	8.31	-6.09	7.25	-6.85	8.18	-7.61	9.01	-8.38	9.87	-7.61	8.94
30.0	-6.17	7.25	-6.09	7.11	-5.40	6.25	1.71	3.63	-5.53	6.49	-4.83	5.60	-5.44	6.33	-5.99	6.93	-6.56	7.58	-5.95	6.85
30.5	-5.80	6.79	-5.78	6.79	-5.19	6.11	1.85	3.39	-5.21	6.11	-4.62	5.43	-5.20	6.11	-5.77	6.79	-6.34	7.47	-5.76	6.79
31.0	-2.99	6.09	-3.03	6.19	-2.77	5.67	2.95	3.05	-2.70	5.51	-2.45	5.01	-2.75	5.62	-3.08	6.30	-3.41	6.97	-3.11	6.36

Datos del Inclinómetro (desviación de incremento: mm)

B5

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	48.31	-26.67	48.49	-25.32	43.85	-21.31	8.18	-13.33	43.53	-23.62	38.91	-19.41	43.74	-22.08	48.73	-23.59	53.67	-25.49	48.84	-22.82
1.0	34.49	-23.46	35.21	-23.24	32.48	-20.67	1.27	-11.73	31.25	-21.05	28.62	-18.45	32.07	-20.79	36.13	-22.95	39.99	-25.17	36.54	-22.82
1.5	33.42	-22.82	33.70	-22.37	30.64	-19.64	1.63	-11.41	30.16	-20.41	27.14	-17.62	30.48	-19.90	34.06	-21.79	37.57	-23.82	34.22	-21.54
2.0	30.66	-19.74	30.91	-19.92	28.09	-18.13	1.15	-9.87	27.66	-17.82	24.88	-16.05	27.95	-18.03	31.23	-20.15	34.44	-22.23	31.37	-20.26
2.5	29.77	-19.23	29.71	-19.14	26.67	-17.13	1.60	-9.82	26.77	-17.28	23.73	-15.26	26.70	-17.18	29.63	-19.03	32.57	-20.90	29.59	-18.97
3.0	28.88	-21.54	28.81	-21.09	25.86	-18.49	0.26	-10.77	25.97	-19.26	23.01	-16.59	25.90	-18.74	28.73	-20.51	31.59	-22.41	28.70	-20.26
3.5	26.47	-22.31	26.38	-22.31	23.64	-20.08	-2.98	-11.15	23.80	-20.08	21.04	-17.85	23.89	-20.08	26.26	-22.31	28.85	-24.54	26.20	-22.31
4.0	25.58	-22.56	25.42	-22.52	22.71	-20.22	-2.82	-11.28	22.98	-20.29	20.24	-17.99	22.80	-20.24	25.22	-22.46	27.69	-24.69	25.13	-22.44
4.5	21.12	-24.10	20.97	-24.10	18.70	-21.69	-6.31	-12.05	18.97	-21.69	16.68	-19.28	18.79	-21.69	20.77	-24.10	22.79	-26.51	20.68	-24.10
5.0	19.70	-25.38	19.42	-25.16	17.17	-22.40	-7.47	-12.89	17.65	-22.78	15.36	-19.99	17.33	-22.53	19.06	-24.87	20.86	-27.28	18.89	-24.74
5.5	18.45	-26.67	18.29	-26.44	16.29	-23.55	-8.99	-13.33	16.56	-23.94	14.54	-21.01	16.38	-23.68	18.09	-26.15	19.85	-28.69	18.00	-26.03
6.0	13.81	-33.08	13.72	-32.85	12.25	-29.32	-15.80	-16.54	12.41	-29.71	10.92	-26.14	12.30	-29.45	13.60	-32.56	14.93	-35.74	13.55	-32.44
6.5	12.92	-35.64	12.83	-35.87	11.44	-32.58	-18.94	-17.82	11.60	-32.14	10.20	-28.83	11.50	-32.40	12.71	-36.15	13.95	-39.85	12.66	-36.28
7.0	10.43	-36.92	10.27	-37.15	9.07	-33.68	-21.08	-18.46	9.34	-33.29	8.12	-29.86	9.16	-33.55	10.07	-37.44	11.02	-41.26	9.98	-37.56
7.5	10.07	-38.21	9.73	-38.21	8.38	-34.38	-21.71	-19.10	8.97	-34.38	7.57	-30.56	8.57	-34.38	9.29	-38.21	10.10	-42.03	9.09	-38.21
8.0	9.80	-39.49	9.55	-39.49	8.32	-35.54	-22.74	-19.74	8.75	-35.54	7.49	-31.59	8.47	-35.54	9.23	-39.49	10.07	-43.44	9.09	-39.49
8.5	8.91	-39.49	8.66	-39.49	7.52	-35.54	-23.18	-19.74	7.95	-35.54	6.77	-31.59	7.66	-35.54	8.34	-39.49	9.09	-43.44	8.20	-39.49
9.0	6.86	-38.21	6.71	-37.76	5.86	-33.49	-22.41	-19.10	6.13	-34.26	5.27	-29.92	5.95	-33.74	6.51	-37.18	7.10	-40.74	6.42	-36.92
9.5	4.63	-38.21	4.63	-38.21	4.17	-34.38	-24.43	-19.10	4.17	-34.38	3.71	-30.56	4.17	-34.38	4.63	-38.21	5.10	-42.03	4.63	-38.21
10.0	3.83	-36.92	3.80	-36.92	3.39	-33.23	-23.93	-18.46	3.44	-33.23	3.02	-29.54	3.40	-33.23	3.76	-36.92	4.13	-40.62	3.74	-36.92
10.5	2.94	-31.79	2.91	-31.75	2.58	-28.53	-20.70	-15.90	2.64	-28.60	2.31	-25.37	2.60	-28.55	2.87	-31.69	3.15	-34.85	2.85	-31.67
11.0	2.14	-29.23	2.08	-29.14	1.80	-26.13	-19.21	-14.92	1.91	-26.28	1.62	-23.26	1.84	-26.18	2.00	-29.03	2.17	-31.90	1.96	-28.97
11.5	1.87	-27.95	1.59	-27.90	1.12	-25.06	-18.54	-13.97	1.60	-25.14	1.10	-22.29	1.28	-25.09	1.23	-27.85	1.26	-30.62	1.07	-27.82
12.0	0.62	-25.38	0.47	-25.16	0.25	-22.40	-17.01	-12.89	0.52	-22.78	0.28	-19.99	0.34	-22.53	0.27	-24.87	0.24	-27.28	0.18	-24.74
12.5	-5.88	-24.10	-5.94	-24.28	-5.42	-22.05	-20.17	-12.05	-5.31	-21.74	-4.80	-19.54	-5.38	-21.95	-6.02	-24.51	-6.65	-27.03	-6.06	-24.62
13.0	-5.79	-22.82	-5.89	-23.04	-5.40	-20.99	-19.32	-11.41	-5.24	-20.60	-4.77	-18.58	-5.35	-20.86	-6.01	-23.33	-6.64	-25.74	-6.06	-23.46
13.5	-7.75	-22.82	-7.63	-23.04	-6.73	-20.99	-20.30	-11.41	-6.94	-20.60	-6.02	-18.58	-6.80	-20.86	-7.47	-23.33	-8.17	-25.74	-7.40	-23.46
14.0	-8.29	-22.82	-8.13	-22.91	-7.15	-20.72	-20.30	-11.41	-7.42	-20.56	-6.41	-18.38	-7.24	-20.67	-7.93	-23.03	-8.67	-25.36	-7.84	-23.08
14.5	-8.65	-24.10	-8.52	-24.19	-7.53	-21.87	-21.37	-12.05	-7.75	-21.72	-6.74	-19.41	-7.60	-21.82	-8.36	-24.31	-9.15	-26.77	-8.29	-24.36
15.0	-9.89	-26.67	-10.11	-26.71	-9.34	-24.09	-23.70	-13.33	-8.97	-24.01	-8.23	-21.40	-9.22	-24.06	-10.39	-26.77	-11.51	-29.46	-10.52	-26.79
15.5	-10.07	-29.23	-10.07	-29.01	-9.06	-25.86	-25.05	-14.82	-9.06	-26.24	-8.06	-23.06	-9.06	-25.99	-10.07	-28.72	-11.08	-31.51	-10.07	-28.59
16.0	-8.11	-29.23	-8.33	-30.31	-7.74	-28.46	-26.67	-14.82	-7.36	-26.62	-6.80	-24.92	-7.61	-27.85	-8.61	-31.69	-9.55	-35.23	-8.73	-32.31
16.5	-3.03	-29.23	-3.16	-28.96	-2.98	-25.77	-21.44	-14.82	-2.76	-26.23	-2.60	-23.00	-2.91	-25.92	-3.32	-28.62	-3.69	-31.38	-3.39	-28.46
17.0	0.18	-27.95	0.18	-27.72	0.16	-24.71	-19.03	-13.97	0.16	-25.09	0.14	-22.04	0.16	-24.83	0.18	-27.44	0.20	-30.10	0.18	-27.31
17.5	6.86	-26.67	6.86	-26.71	6.18	-24.09	-15.33	-13.33	6.18	-24.01	5.49	-21.40	6.18	-24.06	6.86	-26.77	7.55	-29.46	6.86	-26.79
18.0	7.84	-25.38	7.66	-25.61	6.68	-23.29	-14.30	-12.89	7.01	-22.91	6.01	-20.63	6.79	-23.17	7.42	-25.90	8.09	-28.56	7.31	-26.03
18.5	10.16	-22.82	10.10	-23.04	9.02	-20.99	-11.34	-11.41	9.13	-20.60	8.04	-18.58	9.06	-20.86	10.02	-23.33	11.00	-25.74	9.98	-23.46
19.0	12.83	-22.82	12.77	-23.04	11.43	-20.99	-10.01	-11.41	11.53	-20.60	10.18	-18.58	11.46	-20.86	12.69	-23.33	13.94	-25.74	12.66	-23.46
19.5	16.67	-21.54	16.51	-21.31	14.69	-18.94	-6.29	-10.77	14.96	-19.32	13.11	-16.91	14.78	-19.06	16.31	-21.03	17.89	-23.05	16.22	-20.90
20.0	17.11	-20.26	17.11	-19.99	15.40	-17.69	-5.08	-10.13	15.40	-18.15	13.69	-15.82	15.40	-17.85	17.11	-19.64	18.82	-21.51	17.11	-19.49

Datos del Inclinómetro (desviación de incremento: mm)

B5

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	17.29	-18.97	17.23	-18.75	15.44	-16.63	-4.19	-9.49	15.54	-17.01	13.74	-14.86	15.47	-16.76	17.15	-18.46	18.84	-20.23	17.11	-18.33
21.0	15.33	-20.26	15.33	-19.90	13.80	-17.51	-5.80	-10.13	13.80	-18.13	12.26	-15.69	13.80	-17.72	15.33	-19.44	16.86	-21.26	15.33	-19.23
21.5	13.55	-20.26	13.55	-20.17	12.19	-18.05	-7.23	-10.13	12.19	-18.21	10.84	-16.08	12.19	-18.10	13.55	-20.05	14.90	-22.03	13.55	-20.00
22.0	12.66	-21.54	12.66	-21.45	11.39	-19.21	-8.57	-10.77	11.39	-19.36	10.12	-17.10	11.39	-19.26	12.66	-21.33	13.92	-23.44	12.66	-21.28
22.5	11.76	-21.54	11.76	-21.40	10.59	-19.12	-8.93	-10.77	10.59	-19.35	9.41	-17.04	10.59	-19.19	11.76	-21.23	12.94	-23.31	11.76	-21.15
23.0	10.87	-21.54	10.72	-21.31	9.47	-18.94	-9.19	-10.77	9.74	-19.32	8.48	-16.91	9.56	-19.06	10.52	-21.03	11.52	-23.05	10.43	-20.90
23.5	6.42	-20.26	6.26	-20.03	5.46	-17.78	-10.52	-10.13	5.73	-18.17	4.91	-15.88	5.55	-17.91	6.06	-19.74	6.61	-21.64	5.97	-19.62
24.0	1.25	-18.97	1.34	-19.20	1.31	-17.53	-13.11	-9.49	1.15	-17.14	1.13	-15.50	1.26	-17.40	1.46	-19.49	1.64	-21.51	1.52	-19.62

Datos del Inclinómetro (desviación de incremento: mm)

B7

Profundidad(m)	12/5		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	4.84	-5.78	5.02	-5.75	4.71	-5.14	-1.56	-2.89	4.41	-5.19	4.13	-4.58	4.61	-5.16	5.25	-5.71	5.83	-6.27	5.35	-5.69
1.0	3.69	-5.69	3.69	-5.78	3.32	-5.31	-2.32	-2.84	3.32	-5.15	2.96	-4.68	3.32	-5.25	3.69	-5.90	4.06	-6.52	3.69	-5.96
1.5	5.10	-2.22	5.10	-2.28	4.59	-2.12	0.87	-1.11	4.59	-2.02	4.08	-1.87	4.59	-2.09	5.10	-2.36	5.61	-2.62	5.10	-2.40
2.0	6.94	0.76	7.05	0.82	6.47	0.80	4.12	0.38	6.28	0.70	5.71	0.69	6.41	0.77	7.20	0.90	7.96	1.01	7.26	0.93
2.5	7.01	-3.33	6.98	-3.47	6.26	-3.28	0.89	-1.67	6.30	-3.04	5.57	-2.87	6.27	-3.20	6.96	-3.65	7.64	-4.07	6.94	-3.73
3.0	12.87	-1.51	12.87	-1.71	11.58	-1.76	4.97	-0.76	11.58	-1.42	10.29	-1.50	11.58	-1.65	12.87	-1.97	14.15	-2.24	12.87	-2.09
3.5	15.67	1.07	15.98	1.04	14.73	0.90	8.52	0.53	14.19	0.95	12.98	0.81	14.55	0.92	16.38	1.00	18.13	1.08	16.56	0.98
4.0	10.76	3.20	10.92	3.39	10.00	3.25	8.00	1.60	9.73	2.93	8.83	2.83	9.91	3.15	11.12	3.63	12.29	4.05	11.21	3.73
4.5	1.40	1.73	1.62	2.00	1.71	2.09	2.44	0.87	1.32	1.64	1.44	1.76	1.58	1.94	1.91	2.34	2.18	2.66	2.04	2.49
5.0	-7.90	-0.67	-7.23	-0.74	-5.77	-0.76	-4.57	-0.33	-6.92	-0.62	-5.36	-0.64	-6.15	-0.71	-6.37	-0.84	-6.78	-0.96	-5.99	-0.89
5.5	-15.41	-2.49	-15.08	-2.91	-13.20	-3.08	-10.29	-1.24	-13.78	-2.36	-11.85	-2.59	-13.39	-2.84	-14.65	-3.45	-16.00	-3.94	-14.46	-3.69
6.0	-16.24	-2.93	-16.40	-3.12	-14.93	-3.01	-10.55	-1.47	-14.66	-2.69	-13.22	-2.61	-14.84	-2.91	-16.60	-3.36	-18.31	-3.76	-16.69	-3.47
6.5	-9.55	-2.40	-9.60	-2.34	-8.69	-2.47	-6.33	-1.20	-8.61	-2.14	-7.71	-1.83	-8.66	-2.07	-9.66	-2.26	-10.64	-2.46	-9.68	-2.22
7.0	3.18	-6.31	3.18	-5.91	2.87	-4.87	-2.02	-3.16	2.87	-5.56	2.55	-4.47	2.87	-5.10	3.18	-5.39	3.50	-5.79	3.18	-5.16
7.5	14.01	-12.98	15.02	-13.02	14.62	-11.77	-2.17	-6.49	12.90	-11.69	12.64	-10.45	14.04	-11.75	16.31	-13.08	18.28	-14.41	16.88	-13.11
8.0	19.24	-19.02	22.36	-20.24	23.55	-19.55	-6.12	-9.51	18.20	-17.47	19.85	-16.95	21.77	-18.95	26.37	-21.80	30.08	-24.39	28.15	-22.49
8.5	13.76	-14.00	16.46	-14.95	17.78	-14.50	-4.82	-7.00	13.15	-12.87	14.86	-12.56	16.24	-13.96	19.92	-16.17	22.84	-18.11	21.46	-16.71
9.0	5.61	-4.98	6.07	-4.67	5.98	-3.86	-0.06	-2.49	5.18	-4.39	5.15	-3.54	5.71	-4.04	6.68	-4.27	7.50	-4.59	6.94	-4.09
9.5	0.57	0.44	-1.30	1.24	-3.23	1.99	2.18	0.22	-0.02	0.63	-2.22	1.49	-2.16	1.53	-3.71	2.26	-4.72	2.76	-4.78	2.71
10.0	-0.25	3.82	-3.00	4.35	-5.71	4.50	3.61	1.91	-1.01	3.59	-4.12	3.81	-4.15	4.20	-6.52	5.03	-8.11	5.72	-8.09	5.33
10.5	2.17	2.84	0.47	3.09	-1.44	3.06	3.57	1.42	1.46	2.63	-0.69	2.63	-0.47	2.92	-1.71	3.41	-2.46	3.84	-2.68	3.56
11.0	7.20	2.00	6.82	2.06	5.72	1.92	5.12	1.00	6.37	1.82	5.22	1.69	5.94	1.89	6.33	2.14	6.83	2.38	6.11	2.18
11.5	6.75	4.49	6.80	4.38	6.17	3.82	6.30	2.24	6.09	4.01	5.46	3.44	6.14	3.88	6.85	4.24	7.55	4.63	6.88	4.18
12.0	5.99	5.78	5.99	5.82	5.39	5.29	7.13	2.89	5.39	5.21	4.79	4.69	5.39	5.27	5.99	5.88	6.59	6.49	5.99	5.91
12.5	7.71	4.31	7.77	4.23	7.07	3.72	6.72	2.16	6.96	3.86	6.26	3.34	7.03	3.77	7.86	4.13	8.67	4.52	7.90	4.09
13.0	6.18	0.80	6.20	0.83	5.61	0.78	3.71	0.40	5.57	0.73	4.97	0.68	5.59	0.76	6.23	0.87	6.86	0.97	6.24	0.89
13.5	3.12	-1.73	3.10	-1.72	2.76	-1.53	0.38	-0.87	2.80	-1.56	2.46	-1.36	2.78	-1.54	3.07	-1.70	3.37	-1.86	3.06	-1.69
14.0	2.61	-1.60	2.52	-1.44	2.17	-1.13	0.50	-0.80	2.32	-1.40	1.96	-1.06	2.22	-1.22	2.41	-1.24	2.62	-1.32	2.36	-1.16
14.5	2.04	-1.69	1.97	-1.66	1.70	-1.46	-0.10	-0.84	1.82	-1.51	1.54	-1.31	1.74	-1.48	1.89	-1.62	2.05	-1.77	1.85	-1.60
15.0	0.06	-5.29	0.09	-5.30	0.10	-4.79	-3.70	-2.64	0.06	-4.76	0.08	-4.25	0.09	-4.78	0.11	-5.32	0.13	-5.86	0.13	-5.33
15.5	-1.66	-16.53	-1.61	-16.56	-1.40	-14.94	-12.46	-8.27	-1.48	-14.89	-1.26	-13.27	-1.43	-14.92	-1.55	-16.60	-1.69	-18.28	-1.53	-16.62
16.0	0.64	-12.93	-1.55	-13.00	-3.80	-11.76	-8.86	-6.47	-0.05	-11.66	-2.61	-10.44	-2.55	-11.73	-4.36	-13.08	-5.54	-14.40	-5.61	-13.11
16.5	2.55	-7.91	2.50	-7.88	2.20	-7.06	-4.20	-3.96	2.28	-7.11	1.97	-6.28	2.23	-7.08	2.45	-7.84	2.68	-8.61	2.42	-7.82
17.0	3.82	-5.24	3.75	-5.20	3.31	-4.63	-1.67	-2.62	3.42	-4.71	2.96	-4.13	3.34	-4.65	3.67	-5.14	4.01	-5.64	3.63	-5.11
17.5	4.65	-4.00	4.65	-4.02	4.18	-3.63	-0.51	-2.00	4.18	-3.60	3.72	-3.22	4.18	-3.62	4.65	-4.04	5.11	-4.44	4.65	-4.04
18.0	5.99	-2.62	6.03	-2.58	5.48	-2.27	1.25	-1.31	5.40	-2.35	4.85	-2.03	5.45	-2.29	6.09	-2.52	6.71	-2.75	6.11	-2.49
18.5	5.35	-1.20	5.44	-1.18	4.99	-1.05	1.87	-0.60	4.84	-1.08	4.41	-0.94	4.94	-1.06	5.55	-1.16	6.14	-1.28	5.61	-1.16
19.0	4.08	-0.71	4.03	-0.56	3.58	-0.33	1.85	-0.36	3.66	-0.60	3.20	-0.35	3.61	-0.42	3.97	-0.36	4.36	-0.34	3.95	-0.27
19.5	3.44	-1.73	3.33	-1.62	2.87	-1.34	0.72	-0.87	3.06	-1.53	2.59	-1.23	2.94	-1.40	3.18	-1.48	3.46	-1.60	3.12	-1.42
20.0	4.14	-2.93	4.14	-3.03	3.73	-2.83	-0.17	-1.47	3.73	-2.67	3.31	-2.48	3.73	-2.77	4.14	-3.15	4.55	-3.49	4.14	-3.20

Datos del Inclinómetro (desviación de incremento: mm)

B7

Profundidad(m)	12/5		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	5.86	-2.58	5.77	-2.78	5.10	-2.72	0.72	-1.29	5.25	-2.38	4.56	-2.35	5.15	-2.61	5.66	-3.04	6.19	-3.41	5.61	-3.16
21.0	6.94	0.44	5.16	0.29	2.68	0.09	3.47	0.22	5.74	0.36	3.01	0.13	3.70	0.18	2.87	0.09	2.54	0.04	1.85	0.00
21.5	4.97	1.87	4.97	1.90	4.47	1.74	3.85	0.93	4.47	1.69	3.97	1.54	4.47	1.72	4.97	1.94	5.46	2.14	4.97	1.96
22.0	2.61	3.42	2.68	3.67	2.48	3.58	4.20	1.71	2.37	3.15	2.18	3.09	2.45	3.44	2.76	3.99	3.06	4.48	2.80	4.13
22.5	1.02	4.31	1.11	4.44	1.10	4.13	3.78	2.16	0.94	3.92	0.94	3.63	1.04	4.06	1.22	4.60	1.38	5.10	1.27	4.67
23.0	0.89	5.96	0.96	5.94	0.94	5.33	4.58	2.98	0.82	5.36	0.81	4.74	0.90	5.34	1.04	5.92	1.17	6.51	1.08	5.91
23.5	0.06	4.65	0.09	3.03	0.10	0.93	0.03	2.33	0.06	3.72	0.08	1.40	0.09	1.86	0.11	0.93	0.13	0.47	0.13	0.00

Datos del Inclinómetro (desviación de incremento: mm)

B9

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		1/31		2/11		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.5	-2.21	5.39	-2.18	5.38	-1.93	4.82	2.64	4.82	2.70	-1.98	4.85	-1.73	4.29	-1.95	4.83	-2.14	5.35	-2.35	5.88	-2.13	5.34
1.0	-0.62	3.46	-0.63	3.50	-0.57	3.19	2.18	3.19	1.73	-0.56	3.12	-0.51	2.82	-0.57	3.17	-0.64	3.54	-0.70	3.91	-0.64	3.56
1.5	2.09	2.34	2.10	2.33	1.89	2.09	2.67	2.09	1.17	1.88	2.10	1.68	1.86	1.89	2.09	2.10	2.32	2.32	2.55	2.11	2.32
2.0	1.61	1.48	1.61	1.42	1.46	1.22	1.73	0.74	1.31	1.30	1.30	1.10	1.46	1.25	1.62	1.35	1.79	1.47	1.63	1.32	
2.5	-0.20	1.60	-0.23	1.60	-0.24	1.44	1.02	1.44	0.80	-0.19	1.44	-0.20	1.28	-0.22	1.44	-0.27	1.60	-0.30	1.76	-0.28	1.60
3.0	2.75	1.93	2.75	1.90	2.48	1.67	2.66	0.97	2.48	1.73	2.20	1.50	2.48	1.69	2.75	1.85	3.03	2.03	2.75	1.83	
3.5	5.38	2.60	5.37	2.56	4.82	2.26	4.44	1.30	4.84	2.33	4.29	2.03	4.82	2.28	5.35	2.51	5.88	2.75	5.34	2.49	
4.0	4.02	4.89	4.02	4.87	3.63	4.36	5.39	2.44	3.62	4.39	3.22	3.88	3.62	4.37	4.03	4.84	4.44	5.32	4.04	4.83	
4.5	-6.31	4.89	-6.32	4.87	-5.70	4.36	0.23	4.44	-5.68	4.39	-5.06	3.88	-5.69	4.37	-6.34	4.84	-6.98	5.32	-6.35	4.83	
5.0	-3.17	5.19	-3.07	5.22	-2.64	4.73	2.10	2.60	-2.83	4.68	-2.39	4.19	-2.70	4.71	-2.93	5.25	-3.19	5.79	-2.87	5.27	
5.5	1.20	8.60	1.18	8.61	1.03	7.76	6.64	4.30	1.08	7.74	0.92	6.89	1.04	7.75	1.14	8.62	1.24	9.49	1.12	8.63	
6.0	-4.86	11.07	-4.83	11.07	-4.32	9.96	5.32	5.53	-4.37	9.96	-3.85	8.85	-4.33	9.96	-4.80	11.07	-5.27	12.18	-4.78	11.07	
6.5	-6.57	9.41	-6.55	9.45	-5.87	8.54	3.38	4.71	-5.90	8.48	-5.22	7.58	-5.88	8.52	-6.52	9.50	-7.16	10.46	-6.51	9.52	
7.0	-3.90	10.99	-3.95	10.98	-3.62	9.88	5.73	5.50	-3.52	9.89	-3.20	8.78	-3.59	9.88	-4.02	10.97	-4.45	12.07	-4.06	10.97	
7.5	1.69	10.08	1.62	10.09	1.38	9.10	7.93	5.04	1.50	9.07	1.25	8.09	1.42	9.09	1.53	10.12	1.65	11.13	1.49	10.13	
8.0	2.49	9.03	2.49	8.99	2.24	8.04	7.48	4.52	2.24	8.12	1.99	7.16	2.24	8.07	2.49	8.93	2.74	9.81	2.49	8.91	
8.5	3.17	9.01	3.17	8.97	2.86	8.04	7.82	4.50	2.86	8.10	2.54	7.16	2.86	8.06	3.17	8.93	3.49	9.81	3.17	8.91	
9.0	0.92	9.08	0.94	9.02	0.86	8.05	6.70	4.54	0.84	8.16	0.76	7.18	0.85	8.09	0.96	8.94	1.06	9.81	0.96	8.91	
9.5	0.34	10.25	0.31	10.29	0.24	9.30	7.42	5.13	0.30	9.24	0.22	8.25	0.28	9.28	0.26	10.34	0.28	11.38	0.24	10.36	
10.0	0.10	10.84	0.14	10.82	0.16	9.72	7.60	5.42	0.10	9.75	0.13	8.65	0.14	9.73	0.18	10.80	0.21	11.87	0.20	10.79	
10.5	0.34	12.47	0.35	12.45	0.32	11.19	8.86	6.23	0.31	11.22	0.28	9.95	0.32	11.20	0.36	12.43	0.40	13.66	0.36	12.42	
11.0	0.90	12.39	0.90	12.38	0.81	11.13	9.11	6.20	0.81	11.15	0.72	9.90	0.81	11.14	0.90	12.37	0.99	13.61	0.90	12.37	
11.5	0.60	9.80	0.57	10.41	0.47	10.05	8.39	4.90	0.53	8.99	0.43	8.72	0.49	9.69	0.52	11.20	0.56	12.53	0.50	11.55	
12.0	-3.09	11.35	-3.11	11.38	-2.81	10.28	6.47	5.67	-2.79	10.22	-2.49	9.13	-2.80	10.26	-3.12	11.43	-3.44	12.59	-3.13	11.45	
12.5	-7.19	11.78	-7.19	11.75	-6.47	10.53	4.58	5.89	-6.47	10.59	-5.75	9.37	-6.47	10.55	-7.19	11.70	-7.91	12.86	-7.19	11.68	
13.0	-9.62	11.35	-9.57	11.39	-8.56	10.30	3.22	5.67	-8.64	10.23	-7.62	9.14	-8.59	10.28	-9.51	11.45	-10.44	12.61	-9.48	11.48	
13.5	-4.50	9.16	-4.58	9.26	-4.22	-4.15	-8.23	4.58	-4.07	6.47	-3.72	-1.53	-4.17	-0.61	-4.69	-5.01	-5.19	-7.63	-4.74	-8.55	
14.0	0.58	9.24	0.53	9.26	0.41	8.37	6.81	4.62	0.51	8.32	0.39	7.43	0.44	8.35	0.45	9.30	0.48	10.24	0.42	9.31	
14.5	3.01	10.15	2.98	10.15	2.64	9.14	8.61	5.08	2.70	9.14	2.36	8.12	2.66	9.14	2.93	10.15	3.21	11.17	2.91	10.15	
15.0	3.39	11.76	3.42	11.76	3.11	10.58	9.93	5.88	3.06	10.58	2.76	9.40	3.09	10.58	3.46	11.76	3.81	12.93	3.47	11.76	
15.5	2.43	11.98	2.49	11.96	2.30	10.73	9.55	5.99	2.20	10.78	2.02	9.55	2.27	10.75	2.56	11.92	2.83	13.11	2.59	11.91	
16.0	1.49	11.50	1.51	11.63	1.38	10.60	9.04	5.75	1.34	10.39	1.22	9.38	1.37	10.53	1.53	11.79	1.69	13.01	1.55	11.86	
16.5	0.42	12.57	0.48	12.54	0.49	11.26	8.96	6.28	0.40	11.31	0.42	10.02	0.46	11.27	0.55	12.51	0.62	13.75	0.58	12.49	
17.0	-0.76	13.31	-0.77	13.30	-0.70	11.96	8.92	6.65	-0.69	11.97	-0.62	10.63	-0.70	11.96	-0.78	13.29	-0.86	14.61	-0.78	13.28	
17.5	-1.73	13.10	-1.64	13.10	-1.39	11.79	8.31	6.55	-1.53	11.79	-1.26	10.48	-1.43	11.79	-1.53	13.10	-1.66	14.41	-1.49	13.10	
18.0	-1.20	17.05	-1.22	17.07	-1.11	15.38	11.37	8.52	-1.09	15.35	-0.98	13.66	-1.10	15.37	-1.24	17.09	-1.37	18.80	-1.24	17.10	
18.5	-0.20	19.69	-0.21	19.73	-0.21	17.80	13.76	9.85	-0.18	17.74	-0.18	15.81	-0.20	17.78	-0.23	19.78	-0.26	21.77	-0.24	19.80	
19.0	0.20	18.37	0.19	18.35	0.15	16.50	12.92	9.19	0.18	16.53	0.14	14.67	0.16	16.51	0.17	18.33	0.18	20.16	0.16	18.32	
19.5	2.97	16.13	2.98	16.17	2.69	14.59	12.85	8.07	2.68	14.53	2.39	12.96	2.68	14.57	2.99	16.21	3.29	17.85	2.99	16.23	
20.0	5.32	14.22	5.37	14.19	4.89	12.73	12.55	7.11	4.80	12.79	4.33	11.33	4.86	12.75	5.43	14.14	5.99	15.54	5.46	14.12	

Datos del Inclinómetro (desviación de incremento: mm)

B9

Profundidad(m)	12/4		12/11		12/18		12/26		1/2		1/8		1/15		1/25		1/31		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	5.02	12.70	5.03	12.69	4.55	11.41	11.38	6.35	4.52	11.42	4.04	10.15	4.54	11.41	5.05	12.68	5.56	13.94	5.06	12.67
21.0	2.59	10.64	2.57	10.68	2.29	9.66	8.83	5.32	2.33	9.59	2.04	8.57	2.30	9.64	2.54	10.74	2.79	11.83	2.53	10.76
21.5	1.14	9.06	1.06	9.04	0.86	8.12	6.88	4.53	1.01	8.15	0.80	7.22	0.91	8.13	0.95	9.02	1.02	9.91	0.90	9.01
22.0	2.17	8.19	2.11	8.19	1.84	7.37	6.82	4.10	1.94	7.37	1.65	6.55	1.87	7.37	2.04	8.19	2.22	9.01	2.01	8.19
22.5	4.52	9.21	4.54	9.15	4.11	8.17	8.58	4.61	4.07	8.27	3.64	7.28	4.10	8.20	4.57	9.07	5.03	9.95	4.58	9.03
23.0	5.62	10.97	5.64	11.01	5.09	9.96	10.58	5.48	5.06	9.88	4.52	8.84	5.08	9.93	5.65	11.07	6.22	12.19	5.66	11.09
23.5	4.30	11.55	4.28	11.55	3.84	10.40	10.24	5.78	3.86	10.40	3.42	9.24	3.85	10.40	4.27	11.55	4.69	12.71	4.26	11.55

Datos del Inclinómetro (desviación de incremento: mm)

R2

Profundidad(m)	12/6		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	12.86	4.41	13.44	4.18	12.73	3.51	9.06	2.20	11.74	3.90	11.11	3.00	12.40	3.64	14.18	3.89	15.79	4.20	14.50	3.75
1.0	14.24	4.41	14.21	3.48	12.76	2.11	8.35	2.20	12.81	3.70	11.35	2.20	12.77	2.64	14.18	2.29	15.58	2.20	14.16	1.76
1.5	6.07	8.66	5.71	8.63	4.74	7.74	9.04	4.33	5.36	7.79	4.34	6.89	4.95	7.75	5.24	8.60	5.65	9.45	5.04	8.58
2.0	6.26	9.62	6.26	9.52	5.63	8.47	9.67	4.81	5.63	8.63	5.01	7.56	5.63	8.52	6.26	9.40	6.89	10.31	6.26	9.35
2.5	4.43	10.84	4.39	10.88	3.90	9.84	9.88	5.42	3.97	9.77	3.48	8.73	3.93	9.82	4.34	10.93	4.76	12.04	4.31	10.96
3.0	5.80	10.19	5.71	10.25	5.03	9.28	10.14	5.10	5.19	9.19	4.51	8.23	5.09	9.25	5.59	10.31	6.11	11.36	5.53	10.34
3.5	10.04	10.42	10.21	10.45	9.38	9.43	12.37	5.21	9.08	9.39	8.28	8.38	9.28	9.42	10.44	10.48	11.54	10.53	10.50	10.50
4.0	7.14	10.42	6.94	10.42	6.02	9.38	10.86	5.21	6.37	9.38	5.42	8.34	6.14	9.38	6.68	10.42	7.28	11.46	6.56	10.42
4.5	14.62	8.89	14.69	8.88	13.29	7.97	13.50	4.44	13.18	8.00	11.79	7.09	13.25	7.98	14.77	8.86	16.27	9.74	14.81	8.85
5.0	13.32	10.65	13.29	10.66	11.94	9.61	14.14	5.33	11.98	9.59	10.62	8.54	11.95	9.61	13.26	10.68	14.58	11.75	13.24	10.69
5.5	13.32	11.61	13.36	11.70	12.07	10.64	14.97	5.80	12.00	10.48	10.71	9.42	12.05	10.58	13.41	11.82	14.77	13.04	13.44	11.88
6.0	16.34	4.52	16.46	4.41	14.94	3.85	11.12	2.26	14.74	4.04	13.24	3.46	14.87	3.92	16.61	4.28	18.31	4.67	16.68	4.21
6.5	16.60	3.33	17.63	3.00	17.00	2.33	9.96	1.67	15.24	2.90	14.75	2.19	16.41	2.52	18.95	2.57	21.20	2.71	19.54	2.38
7.0	18.97	7.13	17.69	6.86	14.51	5.88	13.94	3.56	16.71	6.34	13.74	5.32	15.24	6.03	16.04	6.51	17.20	7.07	15.31	6.36
7.5	15.23	11.72	16.36	12.13	15.98	11.36	16.63	5.86	14.03	10.67	13.81	9.95	15.33	11.13	17.82	12.64	20.00	14.05	18.47	12.87
8.0	18.63	11.42	18.51	11.58	16.52	10.60	17.63	5.71	16.73	10.32	14.73	9.36	16.59	10.51	18.35	11.79	20.15	13.02	18.28	11.88
8.5	18.17	10.69	17.94	10.54	15.90	9.33	16.27	5.34	16.29	9.58	14.21	8.34	16.03	9.41	17.65	10.35	19.34	11.34	17.52	10.27
9.0	17.71	7.78	17.75	7.47	16.02	6.38	13.68	3.89	15.95	6.91	14.23	5.78	16.00	6.56	17.80	7.07	19.60	7.67	17.82	6.90
9.5	17.44	8.20	17.71	8.32	16.23	7.62	14.70	4.10	15.77	7.41	14.34	6.73	16.08	7.55	18.05	8.48	19.95	9.36	18.21	8.54
10.0	18.47	8.89	18.63	8.59	16.95	7.41	14.87	4.44	16.67	7.92	15.01	6.69	16.85	7.58	18.84	8.21	20.78	8.93	18.93	8.05
10.5	18.82	7.59	16.51	5.35	12.31	2.35	10.24	3.79	16.27	6.19	11.75	2.87	13.63	3.63	13.53	2.47	14.10	1.95	12.21	1.19
11.0	13.28	9.50	10.60	6.39	6.58	2.33	7.07	4.75	11.19	7.66	6.79	3.16	8.12	4.11	7.15	2.39	6.94	1.56	5.61	0.61
11.5	8.28	12.07	6.61	10.80	4.11	8.31	10.04	6.03	6.98	10.50	4.24	7.84	5.07	9.04	4.47	9.16	4.34	9.64	3.51	8.43
12.0	6.76	13.87	6.38	14.11	5.33	12.97	13.57	6.93	5.97	12.55	4.87	11.44	5.55	12.83	5.90	14.42	6.36	15.95	5.69	14.56
12.5	7.06	14.87	8.90	17.21	10.04	18.07	18.63	7.43	6.88	14.05	8.28	15.25	8.99	16.73	11.27	20.23	13.03	23.06	12.33	21.57
13.0	10.38	14.67	12.95	17.56	14.47	18.97	21.23	7.34	10.08	14.03	11.97	15.86	13.01	17.33	16.24	21.26	18.75	24.38	17.71	22.91
13.5	13.24	10.50	13.75	12.35	12.94	13.15	17.67	5.25	12.06	9.98	11.32	11.04	12.65	12.09	14.40	14.73	16.02	16.84	14.69	15.79
14.0	11.64	8.05	11.29	8.05	9.78	7.24	11.45	4.02	10.38	7.24	8.82	6.44	9.98	7.24	10.85	8.05	11.81	8.85	10.65	8.05
14.5	10.65	7.78	11.24	7.04	10.76	5.52	9.29	3.89	9.75	6.79	9.36	5.17	10.42	5.95	11.99	6.09	13.39	6.45	12.33	5.67
15.0	13.40	9.62	15.49	9.36	16.25	8.15	12.92	4.81	12.66	8.58	13.71	7.33	15.05	8.29	18.19	9.03	20.73	9.85	19.39	8.89
15.5	19.50	10.84	21.77	11.16	22.10	10.40	17.99	5.42	18.20	9.85	18.85	9.13	20.80	10.22	24.69	11.58	27.94	12.85	25.99	11.76
16.0	26.76	10.57	27.05	10.94	24.67	10.24	21.50	5.29	24.16	9.62	21.82	8.98	24.50	10.03	27.43	11.40	30.27	12.67	27.60	11.61
16.5	23.21	6.70	23.10	6.61	20.67	5.85	16.11	3.35	20.85	6.01	18.41	5.23	20.73	5.90	22.96	6.49	25.22	7.11	22.90	6.44
17.0	18.47	5.29	18.31	4.67	16.31	3.52	11.70	2.64	16.58	4.58	14.55	3.35	16.40	3.88	18.11	3.88	19.86	4.05	18.02	3.52
17.5	16.68	5.29	16.45	4.94	14.56	4.06	11.34	2.64	14.95	4.66	13.02	3.73	14.69	4.26	16.16	4.49	17.70	4.82	16.03	4.29
18.0	16.03	5.94	16.02	6.22	14.40	5.91	12.74	2.97	14.42	5.43	12.81	5.15	14.41	5.75	16.00	6.58	17.60	7.34	15.99	6.74
18.5	15.84	7.43	16.11	8.14	14.79	8.11	14.54	3.72	14.33	6.89	13.05	6.96	14.64	7.70	16.45	9.06	18.19	10.21	16.60	9.46
19.0	14.81	7.62	14.96	8.38	13.62	8.36	14.24	3.81	13.37	7.08	12.06	7.17	13.54	7.83	15.15	9.34	16.71	10.53	15.23	9.77
19.5	10.65	3.14	10.50	3.36	9.29	3.26	7.95	1.57	9.54	2.89	8.31	2.82	9.37	3.13	10.31	3.63	11.29	4.07	10.23	3.75
20.0	6.87	0.61	6.71	0.29	5.86	-0.09	3.22	0.31	6.14	0.46	5.27	0.03	5.95	0.09	6.50	-0.12	7.10	-0.25	6.41	-0.31

Datos del Inclinómetro (desviación de incremento: mm)

R2

Profundidad(m)	12/6		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
20.5	8.36	2.11	8.37	2.68	7.55	3.05	6.81	1.05	7.53	2.06	6.71	2.51	7.54	2.72	8.39	3.43	9.23	3.97	8.40	3.75
21.0	12.67	4.06	12.74	5.40	11.54	6.34	11.86	2.03	11.42	4.04	10.23	5.16	11.50	5.57	12.82	7.13	14.13	8.30	12.86	7.89
21.5	18.74	7.59	18.77	8.44	16.92	8.54	16.40	3.79	16.87	7.07	15.03	7.30	16.90	8.05	18.80	9.55	20.69	10.80	18.82	10.04
22.0	19.43	9.77	19.57	9.33	17.78	7.91	15.67	4.89	17.53	8.67	15.75	7.18	17.69	8.16	19.76	8.76	21.79	9.48	19.85	8.51
22.5	18.05	8.97	18.09	9.23	16.33	8.61	15.84	4.48	16.26	8.15	14.50	7.56	16.31	8.45	18.15	9.58	19.97	10.63	18.17	9.73
23.0	16.34	9.81	16.39	9.43	14.81	8.08	14.28	4.90	14.72	8.72	13.15	7.31	14.78	8.29	16.46	8.95	18.12	9.72	16.49	8.74
23.5	15.88	12.64	15.89	11.46	14.32	9.02	14.43	6.32	14.29	11.04	12.72	8.43	14.31	9.69	15.91	9.95	17.50	10.54	15.92	9.27
24.0	12.56	15.48	12.34	14.49	10.87	11.95	15.13	7.74	11.24	13.65	9.74	10.97	11.00	12.51	12.07	13.21	13.20	14.19	11.95	12.64
24.5	8.59	15.44	8.59	15.60	7.73	14.22	15.42	7.72	7.73	13.94	6.87	12.58	7.73	14.13	8.59	15.81	9.45	17.44	8.59	15.90
25.0	8.13	14.37	8.14	14.35	7.34	12.90	14.10	7.18	7.32	12.93	6.52	11.48	7.34	12.91	8.16	14.34	8.98	15.77	8.17	14.33
25.5	11.72	11.76	11.73	11.72	10.57	10.51	14.01	5.88	10.55	10.57	9.39	9.35	10.56	10.53	11.75	11.67	12.93	12.82	11.76	11.65
26.0	17.06	8.20	17.07	8.17	15.38	7.33	14.22	4.10	15.36	7.37	13.67	6.52	15.37	7.34	17.09	8.14	18.81	8.94	17.10	8.12
26.5	19.12	6.55	19.14	6.59	17.24	5.98	14.23	3.28	17.21	5.91	15.32	5.30	17.23	5.95	19.15	6.64	21.07	7.32	19.16	6.67
27.0	19.05	3.52	19.06	3.63	17.17	3.39	12.20	1.76	17.15	3.20	15.26	2.97	17.16	3.33	19.08	3.77	20.99	4.18	19.08	3.83
27.5	17.71	0.69	17.71	0.77	15.94	0.78	9.50	0.34	15.94	0.64	14.17	0.67	15.94	0.74	17.71	0.87	19.48	0.99	17.71	0.92
28.0	16.45	0.84	16.45	0.90	14.81	0.87	8.92	0.42	14.81	0.77	13.16	0.75	14.81	0.84	16.45	0.97	18.10	1.08	16.45	1.00
28.5	14.16	1.53	14.17	1.59	12.77	1.49	8.26	0.77	12.75	1.39	11.35	1.30	12.76	1.46	14.19	1.66	15.61	1.84	14.20	1.69
29.0	11.91	1.03	11.92	1.13	10.74	1.12	6.87	0.52	10.72	0.96	9.55	0.96	10.74	1.07	11.94	1.25	13.14	1.41	11.95	1.30

Datos del Inclínómetro (desviación de incremento: mm)

R6

Profundidad(m)	12/6		12/11		12/18		12/26		1/2		1/8		1/15		1/25		2/1		2/11	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.5	0.01	0.13	0.01	0.12	0.01	0.07	0.10	0.10	0.01	0.12	0.01	0.11	0.01	0.12	0.01	0.13	0.02	0.15	0.02	0.13
1.0	-0.79	0.06	-0.71	0.06	-0.71	0.03	-0.35	0.06	-0.71	0.06	-0.63	0.05	-0.71	0.06	-0.79	0.06	-0.87	0.07	-0.79	0.06
1.5	0.23	0.12	0.21	0.13	0.21	0.06	0.20	0.11	0.20	0.11	0.19	0.10	0.21	0.11	0.23	0.13	0.26	0.14	0.23	0.13
2.0	0.43	0.56	0.44	0.54	0.39	0.45	0.56	0.28	0.39	0.50	0.35	0.41	0.39	0.47	0.44	0.50	0.48	0.54	0.44	0.49
2.5	0.00	-0.18	0.00	-0.18	0.00	-0.16	-0.12	-0.09	0.00	-0.16	0.00	-0.14	0.00	-0.16	0.00	-0.18	0.00	-0.19	0.00	-0.18
3.0	-0.47	-0.24	-0.43	-0.24	-0.43	-0.21	-0.40	-0.12	-0.43	-0.22	-0.38	-0.19	-0.43	-0.21	-0.48	-0.24	-0.53	-0.26	-0.48	-0.24
3.5	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CONDITIONS OF SLOPE STABILITY CALCULATION

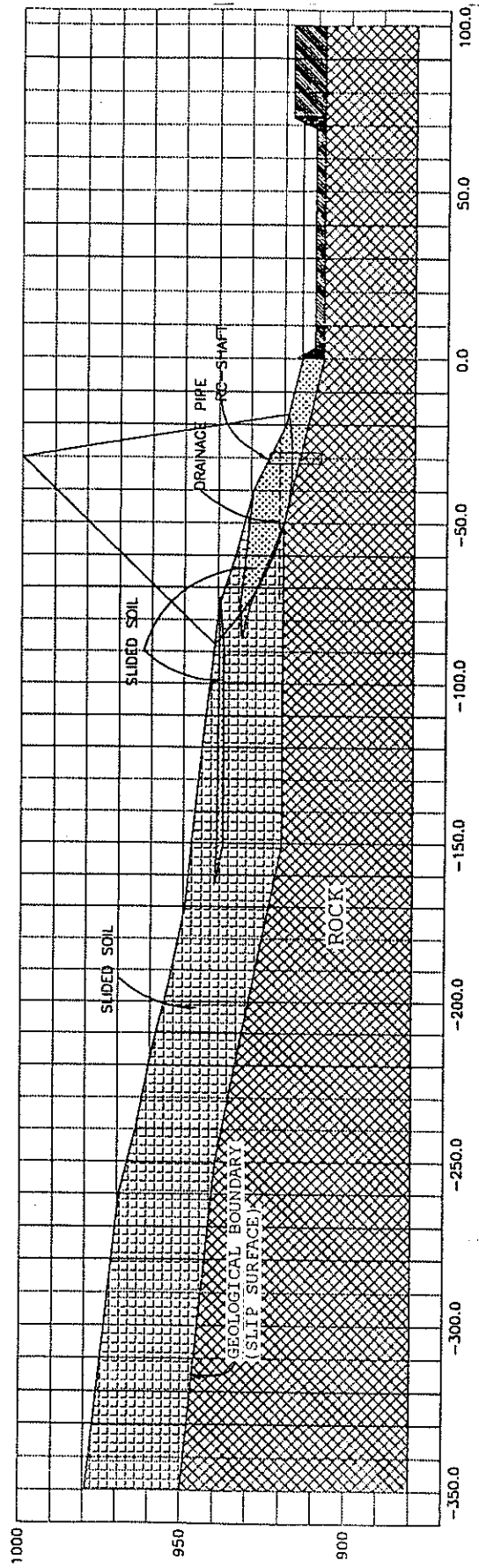
Conditions of Circular Slip Calculation

Site	Before Counter Measures				After Counter Measures				
	Soil		G.W.L.	Fs	Counterweight fill		G.W.L.	RC-Shaft	Fs
	c (kN/m ²)	phi			c (kN/m ²)	phi			
C46	25	30	surface-5m	1.0	20	30	surface-0.5m	-	1.25
C47	11	20	surface-4m	1.0	-	-	surface	110t/m	1.20
C49	5	28	surface-5m	1.0	-	-	surface-1m	110t/m	1.22

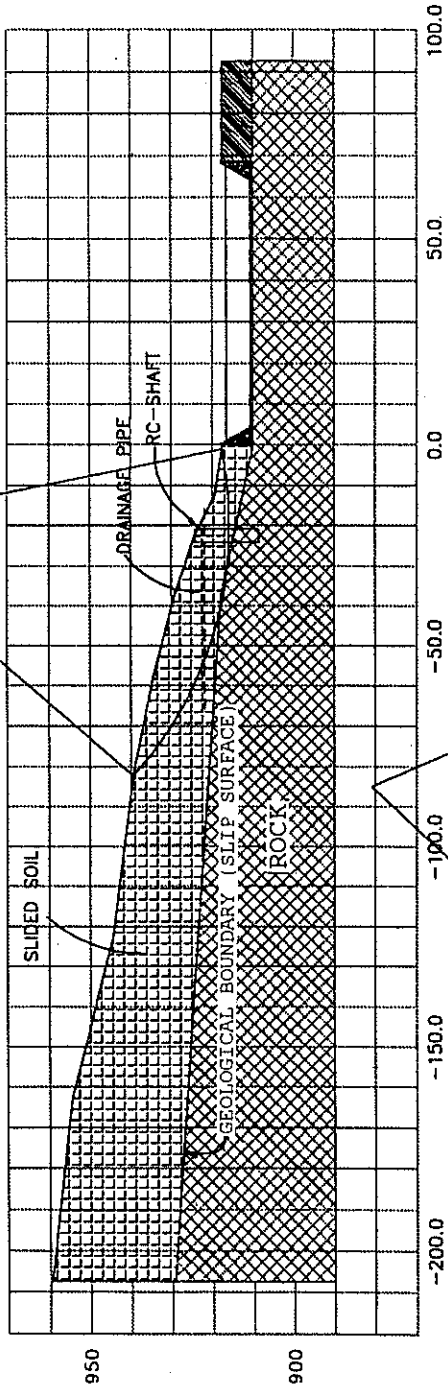
Note:

- c: cohesion
- phi: angle of internal friction
- Fs: safety factor
- G.W.L.: ground water level

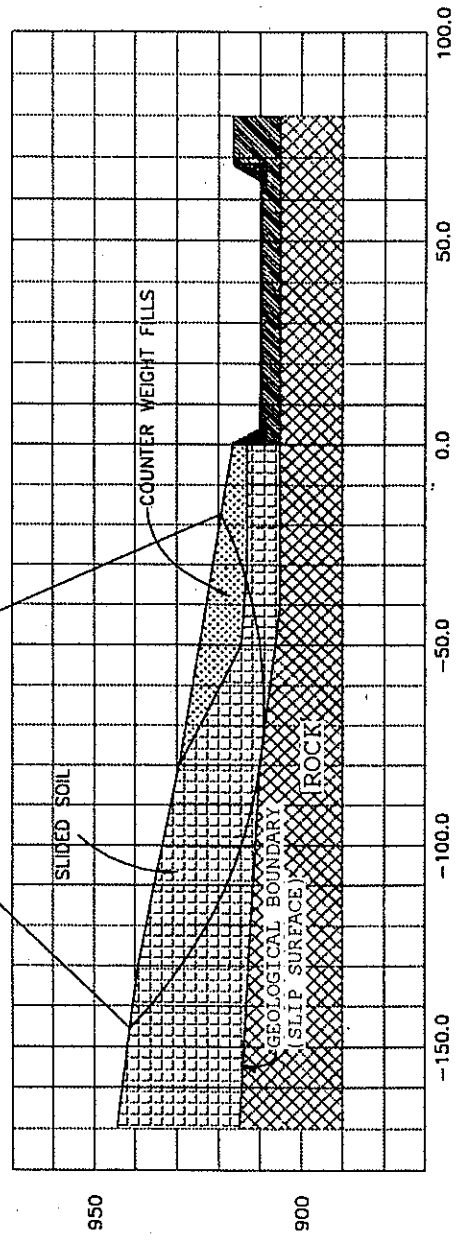
C47



C49



C46



Conditions of Stability Calculation for Landslide

Site	Soil			
	type	γ_t (kN/m ³)	c (kN/m ²)	phi
Berrinche				
Sliding mass		17.60	25.00	5.88
Bed 1	sand	17.60	0.00	30.00
Reparto				
Sliding mass		17.60	14.30	10.99
Bed 1	dt	17.66	16.00	18.00
Bed 2	Tpm	17.66	15.00	13.00
Bed 3	LS	17.17	15.00	13.00
Bed 4	Chiq	17.66	15.00	13.00
Bed 5	sand	17.60	0.00	30.00
Bed 7	sand	17.60	0.00	30.00

Site	Before Counter Measures			After Counter Measures		
	Soil	G.W.L.	Fs	G.W.L.	Removal of Soil	Fs
	c (kN/m ²)					
	phi					
Berrinche	25	5.88	1.0	O.V.-5m	22,000m ³	1.17
Reparto	14.3	10.99	1.0	O.V.-5m	25,000m ³	1.27

Note:

γ_t : wet unit weight

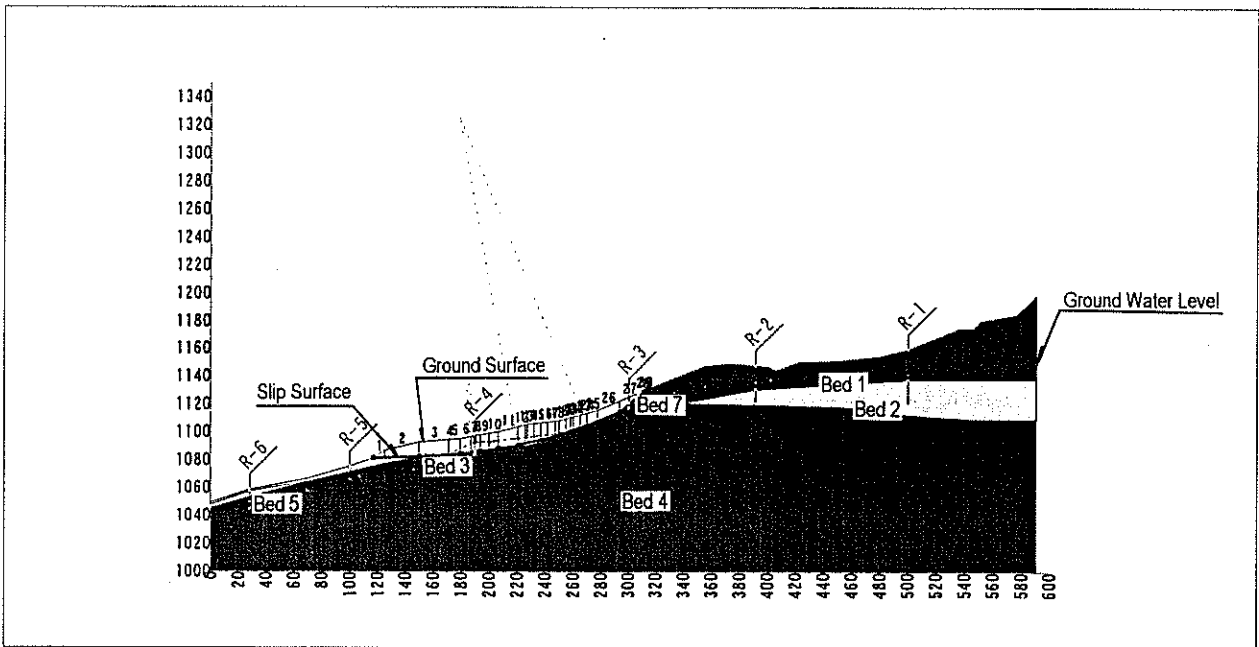
c: cohesion

phi: angle of internal friction

Fs: safety factor

G.W.L.: ground water level

BERRINCHE



REPARTO

