

0374_3192

5 cm

Stressmeter
Original

POTTS STRESS METER

INSTALLATION N^o 7

DATE 20-11-79 LOCATION O 16 100 m LEVEL

UNIT CELL

CABLE LENGTH 60 m East

GAUGE FACTOR 1.93 North

ZERO STRESS READING 233 μE R.L.

ROCK TYPE UPPER c pgh/bh boundary 6.70 m. from Collar

MODULUS GPa HOLE 21 bearing

SENSITIVITY 0.012 $\mu\text{E}/\text{MPa}$ inclination

ORIENTATION HORIZONTAL COLLAR East

INITIAL STRESS 7.6 MPa North

R.L.

Date	Day	Reading μE	Δ Stress MPa	Stress MPa	Remarks	Date	Day	Reading μE	Δ Stress MPa	Stress MPa	Remarks
20-11-79	2352(1430)	1350	0	7.6	BASE	12-7-82	3317	550	-9.59	-1.99	
20-7-81	2960	558	-9.50	-1.90	TRANSFERRED FROM LAST SHEET.	19-7-82	3324	505	-10.13	-2.53	
27-7-81	2967	570	-9.36	-1.76		26-7-82	3331	525	-9.89	-2.29 ²³⁰	
3-8-81	2974	529	-9.85	-2.25		2-8-82	3338	564	-9.43	-1.83	
10-8-81	2981	524	-9.91	-2.31		9-8-82	3345	550	-9.59	-1.99	
17-8-81	2988	553	-9.56	-1.96		16-8-82	3352	563	-9.43	-1.83	
24-8-81	2995	169	-14.17	-6.57	CABLE HANGING IN WATER. ALSO MINING IS NOW VERY CLOSE TO LOCATION OF CELL.	23-8-82	3359	554	-9.55	-1.95	
31-8-81	3002	576	-9.29	-1.69		30-8-82	3366	534	-9.79	-2.19	
7-9-81	3009	582	-9.22	-1.62		6-9-82	3373	546	-9.65	-2.05	
21-9-81	3023	594	-9.07	-1.47		13-9-82	3380	566	-9.41	-1.81	
28-9-81	3030	579	-9.09	-1.49		22-9-82	3389	562	-9.44	-1.84	
5-10-81	3037	585	-9.02	-1.42		25-10-82	3420	652	-8.38	-0.78	
12-10-81	3044	597	-8.88	-1.28		2-11-82	3428	880	-5.64	+1.96	
16-10-81	3048	558	-9.35	-1.75		8-11-82	3435	866	-5.81	+1.79	
19-10-81	3051	582	-9.29	-1.69		16-11-82	3442	980	-4.44	+3.16	
21-10-81	3053	552	-9.60	-2.00		22-11-82	3448	800	-6.60	+1.0	
23-10-81	3055	562	-9.48	-1.88		29-11-82	3455	870	-5.76	+1.84	
26-10-81	3058	586	-9.19	-1.59		6-12-82	3462	820	-6.36	+1.24	
28-10-81	3060	619	-8.79	-1.19		13-12-82	3469 ³⁴⁷¹	660	-8.28	-0.68	
30-10-81	3062	610	-8.90	-1.30		22-12-82	3480	577			
3-11-81	3066	600	-9.02	-1.42		7-1-83	3496	466			
6-11-81	3069	617	-8.82	-1.22		18-1-83	3507	486	-10.37	-2.77	
10-11-81	3073	572	-9.36	-1.76		2-2-83	3521	192	-13.89	+6.29	
11-11-81	3074				BROKEN THROUGH FROM CENTRAL STONE NO READINGS AVAILABLE CABLES BROKEN	7-2-83	3527	280	-12.84	+5.24	
15-3-82	3197	604	-8.95	-1.35	Restored after filling	15-2-83	3535	480	-10.44	-2.84	
16-3-82	3199	599	-9.01	-1.41		22-2-83	3542	576	-9.29	-1.69	
22-3-82	3205	566	-9.40	-1.80		28-2-83	3548	494			
1-4-82	3215	556	-9.52	-1.92		4-3-83	3552	414			
6-4-82	3220	549	-9.60	-2.00		9-3-83	3557	405			
13-4-82	3227	551	-9.58	-1.98		14-3-83	3564	437			
19-4-82	3233	556	-9.52	-1.92		24-3-83	3574	524	-9.91	-2.31	
27-4-82	3241	528	-9.86	-2.26		6-4-83	3587	590	-9.12	-1.52	
4-5-82	3248	544	-9.67	-2.07		21-4-83	3602	698	-7.82	-0.22	
11-5-82	3255	530	-9.84	-2.24		5-5-83	3614	682	-8.06	-0.46	
16-6-82	3291	535	-9.78	-2.18		19-5-83	3628	405	-11.34	-3.74	
23-6-82	3298	500	-10.22	-2.62		6-6-83	3646	554	-9.55	-1.95	
28-6-82	3303	537	-9.77	-2.17		20-6-83	3660	463	-10.64	-3.04	
5-7-82	3310	528	-9.86	-2.26		4-7-83	3674	514	-10.03	-2.43	