

0374\_3189

5 cm

Stressmeter Original

POTTS STRESS METER

INSTALLATION N° 6

DATE 09.11.79

LOCATION 016 - 100 m LEVEL

UNIT ?

CELL

CABLE LENGTH 100 m

220.157.0 East

GAUGE FACTOR 1.88

564.113.75 North

ZERO STRESS READING 0.240  $\mu\epsilon$

-96.3 m R.L.

8.28 m. from Collar

ROCK TYPE bh with pods of pgh, calcite, gh

HOLE N° 22 bearing 304° 51'

MODULUS 79.0 GPa  $\epsilon_{CS} = 113.8$

inclination +10° 58'

SENSITIVITY 0.12 MPa/ $\mu\epsilon$   $\mu\epsilon$ /MPa (83)

COLLAR 220.163.75 East

ORIENTATION Brg 304° 51' vert

564.108.9 North

INITIAL STRESS  $\Delta_v = 2.74$  MPa  $\Delta_h = 1.56$  MPa

-97.9 m R.L.

Date	Day	Reading $\mu\epsilon$	$\Delta$ Stress MPa	Stress MPa	Remarks	Date	Day	Reading $\mu\epsilon$	$\Delta$ Stress MPa	Stress Mpa	Remarks
08 11 79	2340	1200			Initial	21/7/80	2596	776	-2.16	0.58	
08 11 79	2340	1187			5 mins	28/8/80	2603	756	-2.40	0.34	
08 11 79	2340	1155			1 Hour	4/8/80	2610	766	-2.28	0.46	
09 11 79	2341	1165			16 Hours	11/8/80	2617	774	-2.18	0.56	
12 11 79	2344	1090				18/8/80	2624	768	-2.26	0.48	
13 11 79	2345	1071				25/8/80	2631	768	-2.26	0.48	
14 11 79	2346	1044				1/9/80	2638	766	-2.28	0.46	
14 11 79	2346	1058			placement tool removed	8/9/80	2645	758	-2.38	0.36	
15 11 79	2347	1036				15/9/80	2652	766	-2.28	0.46	11 left mining in the area
19 11 79	2351	971				24/9/80	2661	754	-2.42	0.32	
20 11 79	2352	976				29/9/80	2666	742	-2.57	0.17	
21 11 79	2353	956	0	2.74		15/10/80	2682	764	-2.30	0.44	
23 11 79	2355	956	0	2.74	Base	21/10/80	2688	736	-2.64	0.10	
28 11 79	2360	912	-0.5	2.2		28/10/80	2695	758	-2.38	0.36	
29 11 79	2361	919	-0.4	2.3		4/11/80	2702	786	-2.04	0.70	
1 12 79	2363	944	-0.1	2.6		11/11/80	2709	758	-2.38	0.36	
3 12 79	2365	936	-0.2	2.5		17/11/80	2715	754	-2.42	0.32	
4 12 79	2366	939	-0.2	2.5		25/11/80	2723	762	-2.33	0.41	
12 12 79	2374	932	-0.3	2.4		1/12/80	2729	750	-2.47	0.27	
13 12 79	2375	865	-1.1	1.6		8/12/80	2736	758	-2.38	0.36	
27 12 79	2389	893	-0.8	1.9		15/12/80	2743	764	-2.30	0.44	
4 01 80	2397	900	-0.7	2.0		22/12/80	2750	740	-2.59	0.15	filled in the area
14 01 80	2407	914	-0.5	2.2		29/12/80	2757	744	-2.54	0.20	
18 01 80	2411	904	-0.6	2.1		5/1/81	2764	720	-2.83	-0.09	
25 01 80	2418	919	-0.4	2.3		14/1/81	2771	732	-2.69	0.05	Rock fall in the area
4 02 80	2428	883	-0.9	1.8		23/3/81	2841	685	-3.25	-0.51	no reading taken till today
11 02 80	2435	903	-0.7	2.0		30/3/81	2848	724	-2.78	-0.04	* corrected
20 02 80	2444	898	-0.7	2.0		6/4/81	2855	707	-2.98	-0.24	12 left in progress
10 3 80	2463	896	-0.7	2.0		13/4/81	2862	692	-3.16	-0.42	
21 03 80	2474	889	-0.8	1.9		21/4/81	2869	682	-3.28	-0.54	
01 04 80	2485	881	-0.9	1.8		27/4/81	2876	639	-3.80	-1.06	
16 04 80	2500	868	-1.1	1.7		4/5/81	2883	660	-3.55	-0.81	
01 05 80	2515	845	-1.3	1.4		11/5/81	2890	645	-3.73	-0.99	
08 05 80	2522	840	-1.4	1.4		18/5/81	2897	622	-4.01	-1.27	
04 06 80	2549	820	-1.6	1.1		25/5/81	2904	672	-3.41	-0.67	
25 06 80	2570	808	-1.8	0.96		1/6/81	2911	662	-3.53	-0.79	
1.7.80	2576	806	-1.8	0.94		9/6/81	2919	660	-3.55	-0.81	
7.7.80	2582	807	-1.8	0.95		19/6/81	2929	760	-2.352	+0.39	
14/7/80	2589	810	-1.75	0.99							