



Stressmeter
Original

POTTS STRESS METER

INSTALLATION N° 6

DATE 08.11.79 LOCATION 016 - 100 ML

UNIT CELL

CABLE LENGTH 100 m 220157.0 East

GAUGE FACTOR 1.88 564113.75 North

ZERO STRESS READING 0240 μE -96.3 m R.L.

ROCK TYPE with pods of 6h pgh, calcite, gh 8.28 m. from Collar

MODULUS 79.0 GPa $\text{UCS} \approx 113.8$ HOLE No 22 bearing 304° 51'

SENSITIVITY 0.12 MPa/ μE $\mu\text{E}/\text{MPa}(83)$ inclination +10° 58'

ORIENTATION Brg 304° 51' vert COLLAR 220163.75 East

INITIAL STRESS $\Delta v = 2.74$ MPa $\Delta h = 1.56$ MPa 564108.9 North

-97.9 m R.L.

Date	Day	Reading μE	Δ Stress MPa	Stress MPa	Remarks	Date	Day	Reading μE	Δ Stress MPa	Stress MPa	Remarks
<u>23.11.79</u>	<u>2355</u>	<u>956</u>	<u>0</u>	<u>2.74</u>	<u>← BASE</u>	16.6.82	3291	646	-3.72	-0.98	
19.6.81	2929	760	-2.35	+0.39	LAST LIST OF DATA TRANSFERRED	23.6.82	3298	624	-3.98	-1.24	
29.6.81	2939	616	-4.08	-1.34		28.6.82	3303	657	-3.59	-0.85	
6.7.81	2946	610	-4.15	-1.41		5.7.82	3310	655	-3.61	-0.87	
13.7.81	2953	645	-3.75	-1.01		12.7.82	3317	691	-3.18	-0.44	
20.7.81	2960	632	-3.91	-1.17		19.7.82	3324	647	-3.71	-0.97	
27.7.81	2967	638	-3.84	-1.10		26.7.82	3331	687	-3.23	-0.49	
3.8.81	2974	608	-4.20	-1.46		2.8.82	3338	760	-2.35	+0.39	
10.8.81	2981	602	-4.27	-1.53		9.8.82	3345	756	-2.40	+0.34	
17.8.81	2988	630	-3.93	-1.19		16.8.82	3352	790	-1.99	+0.75	
24.8.81	2995	749	-2.50	+0.24	CABLE HANGING IN WATER. ALSO MINING IS NOW VERY CLOSE TO LOCATION OF CELL	23.8.82	3359	770	-2.23	+0.51	
31.8.81	3002	642	-3.78	-1.04		30.8.82	3366	685	-3.25	-0.51	
7.9.81	3009	646	-3.73	-0.99		6.9.82	3373	712	-2.93	-0.19	
21.9.81	3023	654	-3.62	-0.88		13.9.82	3380	747	-2.51	+0.23	
28.9.81	3030	646	-3.72	-0.98		22.9.82	3389	750	-2.47	+0.27	
5.10.81	3037	647	-3.71	-0.97		25.10.82	3420	910	-1.75	+0.99	
12.10.81	3044	646	-3.72	-0.98		2.11.82	3428	1060	+1.25	+3.99	
16.10.81	3048	627	-3.95	-1.21		8.11.82	3435	990	+0.41	+3.15	
19.10.81	3051	638	-3.82	-1.08		16.11.82	3449	1010	+0.65	+2.09	
21.10.81	3053	626	-3.96	-1.22		22.11.82	3455	930	+0.31	+3.05	
23.10.81	3055	622	-4.00	-1.26		29.11.82	3462	940	+0.19	+2.55	
26.10.81	3058	628	-3.93	-1.19		8.12.82	3469	980	+0.29	+2.45	
28.10.81	3060	638	-3.81	-1.07		13.12.82	4476/3471	870	+1.03	+1.71	
30.10.81	3062	621	-4.01	-1.27		22.12.82	3480	775	-2.17	-0.57	
3.11.81	3066	616	-4.07	-1.33		7.1.83	3496	702	+3.05		
6.11.81	3069	630	-3.90	-1.16		18.1.83	3507	750	-2.47	+0.27	
10.11.81	3077	582	-4.47	-1.73		1.2.83	3521	1817	+10.33	45.82	
11.11.81	3074	NO READING AVAILABLE. CABLES BROKEN			BROKEN THROUGH FROM CENTRAL STONE	7.2.83	3527	1361	-4.83	12.09	
15.3.82	3197	895	-0.73	+5.01	Restored after filling	15.2.83	3535	755	-2.41	+0.32	
16.3.82	3199	829	-1.52	+3.28		22.2.83	3542	760	-2.35	-0.39	
22.3.82	3205	1070	+1.39	+4.11		28.2.83	3550	730			
1.4.82	3215	682	-3.29	-0.55		4.3.83	3559	1156			
6.4.82	3220	657	-3.59	-0.85		9.3.83	3559	1080	+1.49	+4.23	
13.4.82	3227	1190	+2.81	+5.55		14.3.83		1092			
19.4.82	3233	670	-3.43	-0.69		24.3.83		1154	+2.37	+5.11	
27.4.82	3241	619	-4.04	-1.30		7.4.83		719			
4.5.82	3248	661	-3.54	-0.80		21.4.83		770			
11.5.82	3255	634	-3.86	-1.12		5.5.83	3614	764	+2.30	+0.44	