

Stressmeter
Original

Leave 7 till UCS returned from C.S.I.R.O

HOLE 21

POTTS STRESS METER

INSTALLATION N° 7

DATE 20.11.79

LOCATION 016 -100m Level

UNIT ?

CELL

CABLE LENGTH 6.0 m

East

GAUGE FACTOR 1.93

North

ZERO STRESS READING 2.33 $\mu\epsilon$

6.70 m. from Collar

ROCK TYPE Upper C. pgh/bh. boundary

HOLE 21 bearing

MODULUS GPa

inclination

SENSITIVITY 0.012 MPa/ $\mu\epsilon$ $\mu\epsilon$ /MPa

COLLAR East

ORIENTATION HORIZ

North

INITIAL STRESS 7.6 MPa MPa

R.L.

Date	Day	Reading $\mu\epsilon$	Δ Stress MPa	Stress MPa	Remarks	Date	Day	Reading $\mu\epsilon$	Δ Stress MPa	Stress MPa	Remarks
20.11.79	2352 (1430)	1350		7.6	9th lift start	18/8/80	2624	590	-9.12	-1.52	
20.11.79	2352 (1435)	1325	-0.3	7.3		25/8/80	2631	590	-9.12	-1.52	
20.11.79	2352 (1525)	1250	-1.2	6.4		1/9/80	2638	580	-9.24	-1.64	
20.11.79	2352 (1725)	1214	-1.6	6.0		8/9/80	2645	566	-9.41	-1.81	
21.11.79	2353 (0850)	1153	-2.4	5.2		15/9/80	2652	572	-9.34	-1.74	11th lift missing in area
21.11.79	2353 (10.50)	1161	-2.3	5.3		24/9/80	2661	598	-9.02	-1.42	
22.11.79	2354	1117	-2.8	4.8		29/9/80	2666	612	-8.86	-1.26	
23.11.79	2355	1100	-3.0	4.6		15/10/80	2682	624	-8.71	-1.11	
28.11.79	2360	1086	-3.2	4.4		21/10/80	2688	500	-10.20	-2.60	
29.11.79	2361	1086	-3.2	4.4		28/10/80	2695	506	-10.13	-2.53	
1.12.79	2363	1087	-3.2	4.4		4/11/80	2702	520	-9.96	-2.36	
3.12.79	2365	1070	-3.4	4.2		11/11/80	2709	508	-10.10	-2.50	
4.12.79	2366	1071	-3.4	4.2		17/11/80	2715	504	-10.15	-2.55	
12.12.79	2374	1033	-3.8	3.8		25/11/80	2723	520	-9.96	-2.36	
13.12.79	2375	963	+4.6	3.0	placement tool R/S	1/12/80	2729	500	-10.20	-2.60	
17.12.79	2379	927	-5.2	2.4		8/12/80	2736	506	-10.13	-2.53	
27.12.79	2389	926	-5.2	2.4		5/12/80	2743	522	-9.94	-2.34	
4.01.80	2397	934	-5.0	2.6		22/12/80	2750	492	-10.30	-2.70	filled in the area
14.01.80	2407	958	-4.7	2.9		29/12/80	2757	510	-10.08	-2.48	
18.01.80	2411	946	-4.8	2.8		5/1/81	2764	478	-10.46	-2.86	
21.01.80	2414	957	-4.7	2.9		14/1/81	2771	498	-10.22	-2.62	
25.01.80	2418	965	-4.6	3.0							
11.02.80	2433	982	-4.4	3.2							
28.02.80	2444	979	-4.4	3.2							
10.03.80	2463	1002	-4.2	3.4							
21.03.80	2474	1013	-4.0	3.6							
01.04.80	2485	1047	-3.6	4.0	9th lift end						
16.04.80	2500	1032	-3.8	3.8							
01.05.80	2515	880	-5.3	2.3							
08.05.80	2522	827	-6.0	1.6							
04.06.80	2549	644	-8.5	-0.9							
25.06.80	2570	560	-9.72	-2.12	10th lift start						
1.7.80	2576	572	-9.34	-1.74							
7/7/80	2582	561	-9.47	-1.87							
14/7/80	2589	563	-9.44	-1.84							
21/7/80	2596	542	-9.70	-2.10							
28/7/80	2603	560	-9.48	-1.88							
4/8/80	2610	546	-9.65	-2.05							
11/8/80	2617	580	-9.24	-1.64	10th lift end						