



Stressmeter
Original

POTTS STRESS METER

INSTALLATION N° 4 150 ML

DATE 15/8/78

LOCATION 'C' CENTRAL C2171

UNIT F

CELL

CABLE LENGTH 60 m

220145.5 East

GAUGE FACTOR 1.93

564106.5 North

ZERO STRESS READING 336 $\mu\epsilon$

-131 R.L. 5th LIFT

2.95 m. from Collar

ROCK TYPE LOWER C_{gh}

MODULUS 70 GPa \approx 100.8 UCS

HOLE bearing 5°

inclination Flat

SENSITIVITY 0.113 MPa/ $\mu\epsilon$ $\mu\epsilon$ /MPa (88.5)

COLLAR 220145.5 East

ORIENTATION VERTICAL

564103.5 North

INITIAL STRESS 12.5 MPa

-131 R.L.

Date	Day	Reading $\mu\epsilon$	Δ Stress MPa	Stress MPa	Remarks	Date	Day	Reading $\mu\epsilon$	Δ Stress MPa	Stress MPa	Remarks
15/8/78	1890	2700			Initial	19/6/79	2198	1704	-8.5	4.0	8th W face mined 19/6
" " "	"	2588			10 mins	26/6/79	2205	1643	-9.2	3.3	
" " "	"	2504			1 Hour	3/8/79	2243	1701	-8.5	4.0	
16/8/78	1891	2459			22 Hours	20/8/79	2260	1712	-8.4	4.1	
17/8/78	1892	2455	-	12.5	Base	5/9/79	2276	1708	-8.4	4.1	
23/8/78	1898	2464	+0.1	12.6		27/9/79	2298	1709	-8.4	4.1	
25/8/78	1900	2458	+0.0	12.5		10/10/79	2311	1706	-8.4	4.1	
30/8/78	1905	2440	-0.2	12.3		8/11/79	2340	1526	-10.5	2.0	LOWER CENTRAL 9th N face mined 27/10
1/9/78	1907	2454	0.0	12.5		23/11/79	2355	1531	-10.4	2.1	LOWER CENTRAL 9th E face mined 9/11
4/9/78	1910	2456	0.0	12.5		28/11/79	2360	1494	-10.9	1.6	
7/9/78	1913	2296	-1.8	10.7	6th Lift	13/12/79	2375	1532	-10.4	2.1	
11/9/78	1917	2318	-1.5	11.0		17/12/79	2379	1533	-10.4	2.1	
15/9/78	1921	2329	-1.4	11.1		27/12/79	2389	1495	-10.8	1.7	
26/9/78	1932	2349	-1.2	11.3		4/1/80	2397	1532	-10.4	2.1	
8/10/78	1944	2351	-1.2	11.3		14/1/80	2407	1550	-10.2	2.3	
3/11/78	1970	2410	-0.5	12.0	7th Lift	18/1/80	2411	1558	-10.1	2.4	
16/11/78	1983	2422	-0.4	12.1		26/1/80	2418	1568	-10.0	2.5	
23/11/78	1990	2343	-0.3	11.2		4/2/80	2428	1571	-10.0	2.5	
4/12/78	2001	2449	-0.1	12.4		11/2/80	2435	1586	-9.9	2.6	
11/12/78	2008	2448	-0.1	12.4		20/2/80	2444	1525	-10.5	2.0	
18/12/78	2015	2460	0.1	12.6		10/3/80	2463	1514	-10.6	1.9	
29/12/78	2026	2320	-1.5	11.0	7th N face mined	21/3/80	2474	1501	-10.8	1.7	
3/1/79	2031	2352	-1.2	11.3		01/4/80	2485	1456	-11.3	1.4	
10/1/79	2038	2240	-2.4	10.1	7th E face mined	16/4/80	2500	1465	-11.2	1.3	UPPER CENTRAL 8th N face mined 01/04/80
12/1/79	2040	2246	-2.4	10.1		8/5/80	2522				damaged - cable cut
26/1/79	2054	2135	-3.6	8.9	7th S face mined	4/6/80	2549				" "
31/1/79	2059	2144	-3.5	9.0	vishay box off hand	25/6/80	2570	1493	-10.87	1.63	10th lift 5 jaw
27/2/79	2086	2166	-3.3	9.2		1/7/80	2576	1486	-10.95	1.55	
2/3/79	2089	2181	-3.1	9.4		7/7/80	2582	1477	-11.05	1.45	
20/3/79	2107	2202	-2.9	9.6		14/7/80	2589	1500	-10.79	1.71	
27/3/79	2114	2212	-2.7	9.8	8th N face mined	21/7/80	2596				DAMAGED
17/4/79	2135	2086	-4.2	8.3		28/7/80	2603	1354	-12.44	0.06	Cable restored
31/4/79	2148	2085	-4.2	8.3		4/8/80	2610	1376	-12.19	0.31	
9/5/79	2157	2092	-4.1	8.4		11/8/80	2617	1440	-11.47	1.03	10th lift fitted up
18/5/79	2166	2085	-4.2	8.3		16/8/80	2624	1412	-11.79	0.71	
28/5/79	2176	2086	-4.2	8.3		25/8/80	2631	1366	-12.31	0.19	
30/5/79	2178	2089	-4.1	8.4	After sand fill on 8th E face mined	1/9/80	2638	1418	-11.72	0.78	
14/6/79	2193	1713	-8.4	4.1	Cables down to 14th	8/9/80	2645	1330	-12.71	-0.21	
						15/9/80	2652	1436	-11.51	0.99	