0374_3072

5 cm

EARTH PRESSURE CELL

INSTALLATION Nº: 3

DATE: 6/3/1980

ID:

UNIT Nº: 0991

CABLE LENGTH: 30 tm

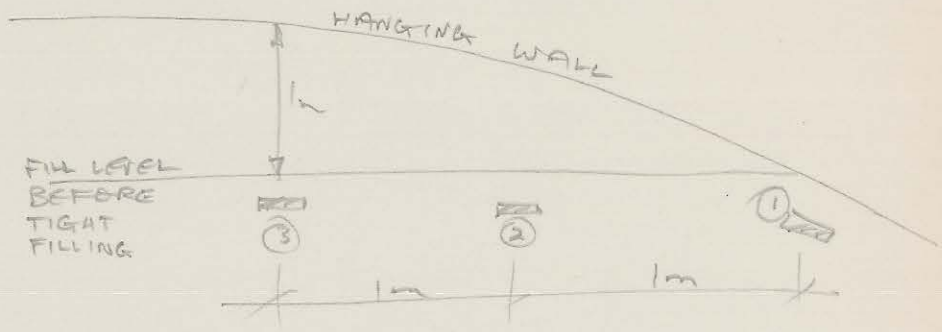
ZERO STRESS READING: +3370 μV

SENSITIVITY: 1·13 μV/kPa ± 3 μV

INITIAL STRESS:

ORIENTATION: horizontal

LOCATION: ≈-86m level W-28 stope, 26m from Q-13 drive.



Date	Day	Reading μV	Δ Stress kPa	Stress kPa	Remarks
6/3/80		+3370	0		Before calculating Δ Stress, note temperature induced changes in Reference Cell ④
7/3/80		+3370	0		
10/3/80		+3370	0		
13/3/80		+3370	0		
14/3/80		+3370	0		
17/3/80		+3370	0		
19/3/80		+3370	0		
31/3/80		~~+3450~~	~~+80~~		Rock Barricade for sand fill now in position
1/4/80		+3370	0		
2/4/80		+3360	-10		
3/4/80		+3350	-20		D.KN
8/4/80		+3400	+30		? incorrect scale on multimeter.
15/4/80					Readout fluctuating too much due to dirt + water on pins
18/4/80	New date from 3440	+3390	+20		After cleaning plug pins with Freon.
15 22/4/80		+3460	+20 0		Junction Box attached Cable cut to ≈26m
28/4/80		+3450	-10		
1/5/80		+3460	20 0		
8/5/80		+3460	20 0		
9/5/80		+3460	20 0		Wiring damaged week ending 24-5-80
29-5-80		+3460	20 0		Wiring replaced.
30-5-80		+3470	30 +10		
10-6-80	3460+342	~~+3460~~	20 0		
20-6-80		+3470	30 +10		
25-7-80 30-7-80	New date 3802-30	-3795	23 0		W-28 tight filled
31-7-80	338 = 3772	+3800	28 +5		Keyowa Readout Unit B.M-12B.
~~4-8-80~~		~~+3865~~	~~+70~~		
27 ~~5-8-80~~		~~+3840~~	~~+45~~		
6-8-80	~~3795~~ x 9 = 3415	+3795	23 0		
7-8-80		+3795	23 0		
8-8-80		+3795	23 0		
11-8-80		+3795	23 0		
12-8-80		+3795	23 0		
13-8-80		+3800	28 +5		
14-8-80		+3790	18 -5		
15-8-80		+3790	18 -5		
18-8-80		+3800	28 +5		
4-9-80		~~+4040~~ (3·50)	+245		Lead shortened by (Solatron MM).
8-9-80		3790 (1·08)	-5		

Date	Day	Reading μV	Δ Stress kPa	Stress kPa	Remarks
10-9-80		3790	~~+5~~		
18-9-80		3800 (3500)	+5		(New limit)
29-9-80		3800	+5		
10-10-80		3800	+5		
29-10-80		3800	+5		
6-11-80		3820	+25		
10-11-80		3820	+25		
12-11-80		3830	+35		
13-11-80		3834	+39		
17-11-80		3750	-45.		
~~19-11-80~~		~~1260~~		×	~~350 Ω?~~
3-12-80		3795	0		
16-12-80		3795	0		
22-12-80		3790	-5		
24-12-80		3795	0		
29-12-80		3790	-5		
2-1-81		3795	0		
8-1-81		3800	+5		
16-1-81		3795	0		
19-1-81		3790	-5		
21-1-81		3790	-5		
30-1-81		3790	-5		
9-2-81		3785	-10		
23-2-81		3780	-15		
9-3-81		3785	-10		J.M
16-3-81		3790	-5		
23-3-81		3775	-20		
1-4-81		3780	-15		
7-4-81		3790			
15-4-81		3780			
1-5-81		3790			
18-5-81		3783			
26-5-81		3790			
2-6-81		3795			
9-6-81		3795			
27-7-81		3790			
28-8-81		—			leads nipped overhead loader
1-9-81		3785			prior to reconnection