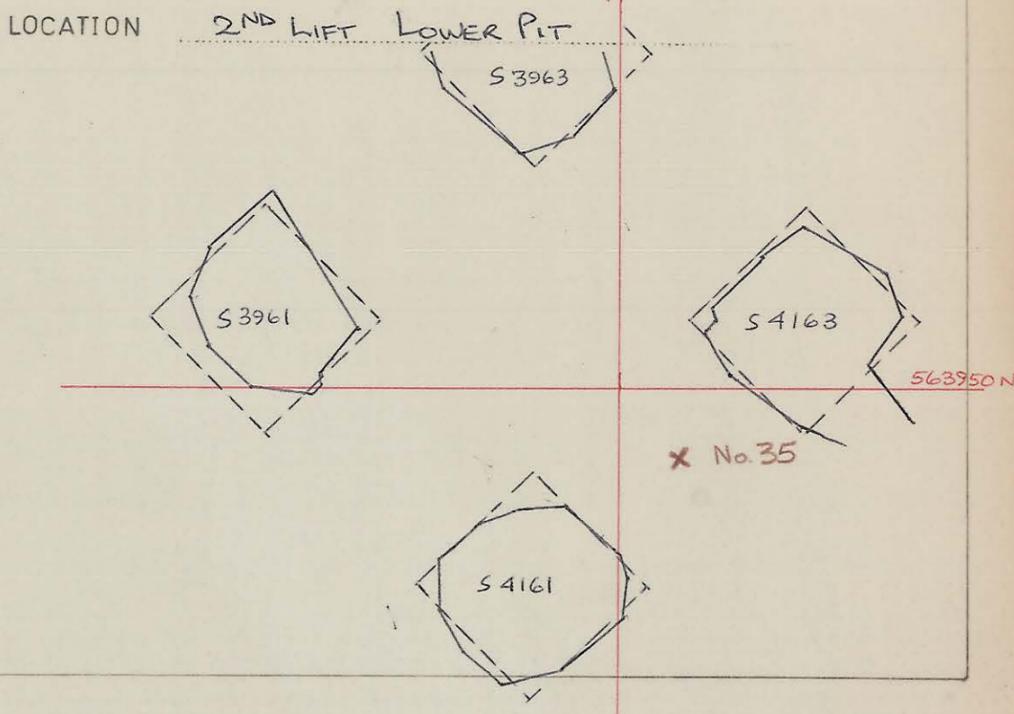


# EARTH PRESSURE CELL

INSTALLATION N° 35  
 DATE 8-6-1980  
 ID small CSIRO  
 UNIT N° 0993  
 CABLE LENGTH ~ 30m  
 ZERO STRESS READING -11830  $\mu\epsilon$   
 SENSITIVITY = 1.31  $\mu\epsilon$  / kPa  
 INITIAL STRESS \_\_\_\_\_  
 ORIENTATION HORIZONTAL



Date	Day	Reading $\mu$	$\Delta$ Stress kPa	Stress kPa	Remarks	Date	Day	Reading $\mu$	$\Delta$ Stress kPa	Stress kPa	Remarks	
25-6-1980	0				Filling of S4062 commenced	26-8-80	63	15:20	-10850	65.5	375.8	258.3
7-7-1980	13	710 (320.32)				27-8-80	64	15:30	-10850	65.5	375.8	260.3
8-7-1980				53.1	2nd Lift Filled	28-8-80	65	15:35	-10860	58.6	368.9	253.4
9-7-1980	15	-10935		310.3	$\approx 53$ kPa	29-8-80	66	13:50	-10860	58.6	368.9	257.3
10-7-1980		-10910	17.2	327.5		1-9-80	69	15:45	-10855	62.1	372.4	310.3 257.9
11-7-1980	17	-10900	26.6	336.9		3-9-80	70	15:45	-10845	68.9	379.2	255.7
14-7-1980	20	-10895	31.0	341.3	Further filling in 2nd Lift	4-9-80	72	15:30	-10855	62.1	372.4	52.7 256.9
15-7-1980	21	17:00 -10875	48.2	358.5		5-9-80	73	11:00	-10850	65.5	375.8	+14.7 258.3
15-7-1980	21	20:00 -10870	51.7	362.0	Ready cut access point changed from measuring strip to ampere plug	8-9-80	76	15:45	-10855	62.1	372.4	Subtract 257.2
16-7-1980	22	-10820	89.6	399.9		9-9-80	77	16:00	-10855	62.1	372.4	from stress to obtain more realistic value
17-7-1980	23	16:00 -10865	55.1	365.4	S4062 has been mined.	10-9-80	78	15:45	-10865		108.2	i.e. change calibrated offset
18-7-1980	24	15:30 -10845	68.9	379.2		11-9-80	79	16:00	-10860		111.7	
21-7-1980	27	15:30 -10840	72.4	382.7		12-9-80	80	16:15	-10860		111.7	
22-7-1980	28	16:00 -10805	99.9	410.2		15-9-80	83	15:15	-10855		115.2	
23-7-1980	29	16:00 -10845	68.9	379.2		16-9-80	84	15:45	-10865		108.2	
24-7-1980	30	15:45 -10840	72.4	382.7		17-9-80	85	16:15	-10855		115.2	
25-7-1980	31	16:00 -10840	72.4	382.7		18-9-80	86	13:45	-10860		111.7	
28-7-1980	34	15:30 -10850	65.5	375.8		19-9-80	87	16:00	-10860		111.7	
29-7-1980	35	16:00 -10850	65.5	375.8		22-9-80	90	16:00	-10860		111.7	
30-7-1980	36	15:00 -10845	68.9	379.2	S+ and S- leads swapped.	23-9-80	91	15:45	-10865		108.2	
31-7-1980	37	16:00 -10845	68.9	379.2		24-9-80	92	15:45	-10860		111.7	
4-8-80	41	16:15 -10860	58.6	368.9		25-9-80	93	16:00	-10860		111.7	
5-8-80	42	16:00 -10860	58.6	368.9		26-9-80	94	15:45	-10835		128.9	
6-8-80	43	15:45 -10860	58.6	368.9		29-9-80	97	15:40	-10850		118.6	
7-8-80	44	16:00 -10835	75.8	386.1		30-9-80	98	10:45	-10850		118.6	
8-8-80	45	16:00 -10795	106.8	417.1		1-10-80	99	15:45	-10845		122.0	
11-8-80	48	15:45 -10850	65.5	375.8		2-10-80	100	17:15	-10845		122.0	
12-8-80	49	16:00 -10830	82.7	393.0		3-10-80	101	15:45	-10850		118.6	
13-8-80	50	15:30 -10840	72.4	382.7		6-10-80	104	15:30	-10850		118.6	
14-8-80	51	15:30 -10835	75.8	386.1	108.9	7-10-80	105	15:45	-10850		118.6	
15-8-80	52	16:00 -10820	89.6	399.9		8-10-80	106	16:00	-10850		118.6	
18-8-80	55	15:30 -10830	82.7	393.0		9-10-80	107	15:45	-10850		118.6	
19-8-80	56	16:00 -10830	82.7	393.0		10-10-80	108	15:30	-10850		118.6	
20-8-80	57	15:30 -10830	82.7	393.0		13-10-80	111	11:00	-10860		111.7	
21-8-80	58	15:30 -10840	72.4	382.7		15-10-80	113	15:45	-10835		128.9	
22-8-80	59	13:30 -10840	72.4	382.7		16-10-80	114	11:00	-10840		125.5	
25-8-80	62	15:40 -10850	65.5	375.8	256.3	17-10-80	115	16:00	-10860		156.5	
						20-10-80	118	15:45	-10835	75	128.9	