

5 cm

NUMBER 10, 11, 12, 13

INSTALLATION DETAILS:

PILLAR S 3963/S 3965
 LIFT 9th LIFT LOWER PIT (010) of mid Wedge
 R.L.
 BEARING
 DATE 1.12.81

WIRE
 EXTENSOMETER
 UNIT

DIAGRAM

$\Delta \mu E = \text{Initial reading} - \text{latest reading}$
 $\text{mm} = \Delta \mu E \times \text{Calibration factor}$

CALIBRATION

LENGTHS

NUMBER	LENGTH CALIBRATION mm/ μE
10	0.00461
11	0.00463
12	0.00484
13	0.00464

FULL BRIDGE GF 2.00

\oplus^{ve} Expansion
 \ominus^{ve} Contraction

\oplus^{ve} Expansion
 \ominus^{ve} Contraction

READINGS

S 3963

S 3963

S 3965

W 3171

DATE	μE			$\Delta \mu E$ mm			$\Delta \mu E$ mm			$\Delta \mu E$ mm		
	E	$\Delta \mu E$	mm	$\Delta \mu E$	mm	$\Delta \mu E$	mm	$\Delta \mu E$	mm	$\Delta \mu E$	mm	
4.12.81	-38300		-10680			+340		-390	(12.7.82)			
16.8.82	-39158	-858	+3.95538	-11872	-1192	+5.57896	+436	+96	-0.46464	+229	+619	-2.87216
23.8.82	-39256	-956	+4.40716	-11528	-848	+3.92624	+417	+77	-0.37268	+287	+677	-3.14128
30.8.82	-39484	-1184	+5.45824	-11642	-962	+4.45406	+424	+84	-0.40656	+171	+561	-2.66304
6.9.82	-39511	-1211	+5.58271	-11881	-1201	+5.56063	+424	+84	-0.40656	+135	+525	-2.43600
13.9.82	-39563	-1263	+5.82243	-11872	-1192	+5.51896	+420	+80	-0.38720	+212	+602	-2.79328
22.9.82	-39661	-1361	+6.27421	-11880	-1200	+5.55600	+460	+120	-0.5808	+202	+592	-2.74688
25.10.82	-41942	-3642	+16.79	-11818	-1138	+5.27	+920	+580	-2.807	+1456	+1846	-8.57
2.11.82	-41844	-3544	+16.34	-11800	-1120	+5.19	+938	+598	-2.894	+642	+1032	-4.79
8.11.82	-40225	-1925	+8.87	-11310	-630	+2.92	+630	+290	-1.40	+634	+1024	-4.75
16.11.82	-40510	-2210	+10.19	-11254	-574	+2.66	+870	+530	-2.57	+850	+1240	-5.75
22.11.82	-40370	-2070	+9.54	-11234	-554	+2.57	+900	+560	-2.71	+580	+970	-4.50
29.11.82	-39590	-1290	+5.95	-11510	-830	+3.84	-64	+276	1.34	+1102	+1492	-6.92
6.12.82	-40530	-2280	+10.28	-11270	-590	+2.73	+790	+450	-2.18	1320	+1710	-7.93
13.12.82	-40430	-2130	+9.82	-11714	-1034	+4.79	+720	+380	-1.84	1532	1992	-8.92
22.12.82	-40481	-2181	+10.05	-11180	-500	+2.31	+710	+370	-1.79	+1514	1904	-8.83
7.1.83	-40436	-2136	+9.84	-11066	-386	+1.79	+763	+423	-2.047	+32	+422	-1.958
14.1.83	-40572	-2272	+10.47	-11892	-1212	+5.61	+732	+392	-1.897	+32	+422	-1.958
2.2.83	-40470	-2170	+10.00	-11150	-470	+2.18	+741	+401	-1.861	+2690	2300	-10.67
7.2.83	-38520	-220.0	+10.14	-11368	-688	+3.19	+0168	-172	-0.830			
15.2.83	-40630	-233.0	+10.74	-11384	-704	+3.26	+0187	-153	-0.74	+2500		
22.2.83	-41431	-3131	+14.43	-11900	-1220	+5.65	+0220	-120	-0.58	+1791	+2481	-6.50
28.2.83	-41840	-3540	+16.39	-11870	-1190	+5.51				1826	+2216	-10.28
4.3.83	-40492	-2192	+10.15	-11169	-489	+2.26	+757	+417	-2.01	2880	+3270	-15.17
14.3.83	-40760	-2460	+11.34	-11365	-685	+3.17	+689	+349	-1.69	+2980	+3370	-15.03
24.3.83	-40158	-1858	+8.60	-10707	-27	+0.012	235	-105	+0.508	1572	+1962	-9.103
6.4.83	-40812	-2512	+11.58	-11452	-772	+3.57	130	-210	+1.016	1914	+2304	-10.69
20.4.83	-40032	-1732	+8.02	-10670	+10	-0.046	+938	+598	-2.894	1290	+1680	-7.79
3.5.83	-39888	-1588	+7.32	-10696	-16	+0.07	+608	+268	-1.297	942	+1332	-6.18
23.5.83	-39752	-1452	+6.72	-10676	+4	-	+875	+535	-2.589	1380	+1770	-8.213
30.5.83	-39732	-1432	+6.60	-10626	+54	-0.25	+112	-228	+1.103	974	+1364	-6.329
15.6.83	-39520	-1220	+5.65	-10608	+72	-0.333	+930	+590	-2.855			
5.7.83	-39296	-996	+4.59	-10542	+138	-0.64	+564	+224	-1.084	414	+804	-3.730