

Appendix T – Cultural Heritage Monitoring Results

Date	Tilting				Settlement (mm)			Vibration (mm/s)					
	THT-TM-01	THT-TM-02	THT-TM-03	THT-TM-04	THT-BSP-1	THT-BSP-2	THT-BSP-3	Measurement Direction					
								Tran	Vertical	Longitude			
3-May-21	-1 : 28123	-1 : 17307	1 : 7258	Obstructed by work from stakeholder	+0	Stop monitoring		0.095	0.221	0.110			
4-May-21	-1 : 34613	-1 : 12857	1 : 6618		OBS			0.110	0.158	0.095			
5-May-21	-1 : 64281	-1 : 15517	1 : 7627		+1			0.126	0.142	0.126			
6-May-21	-1 : 449967	-1 : 22499	1 : 6923		+0			0.095	0.126	0.118			
7-May-21	-1 : 34613	-1 : 17307	1 : 8490		+1			0.126	0.158	0.118			
8-May-21	-1 : 64281	-1 : 14062	1 : 9000		+1			0.102	0.197	0.118			
10-May-21	-1 : 449967	-1 : 26469	1 : 7627		+1			0.134	0.118	0.134			
11-May-21	-1 : 28123	-1 : 11842	1 : 9000		OBS			0.095	0.126	0.134			
12-May-21	-1 : 112492	-1 : 14062	1 : 8490		+1			0.126	0.126	0.126			
13-May-21	-1 : 449967	-1 : 17307	1 : 7258		+1			0.158	0.150	0.102			
14-May-21	-1 : 64281	-1 : 12857	1 : 7627		-1			0.158	0.363	0.150			
15-May-21	-1 : 449967	-1 : 15517	1 : 8490		-1			0.102	0.110	0.095			
17-May-21	-1 : 34613	-1 : 14062	1 : 8490		-1			0.166	0.378	0.134			
18-May-21	-1 : 64281	-1 : 17307	1 : 7258		OBS			0.126	0.158	0.110			
20-May-21	-1 : 34613	-1 : 11842	1 : 9574		OBS			0.268	0.560	0.229			
21-May-21	-1 : 449967	-1 : 10227	1 : 10227		OBS			0.276	0.323	0.181			
22-May-21	-1 : 44997	-1 : 10227	1 : 12857		-1			0.347	0.205	0.158			
24-May-21	-1 : 112492	-1 : 9574	1 : 17307		+0			0.363	0.654	0.276			
25-May-21	No monitoring due to compulsory COVID-19 testing				No monitoring due to compulsory COVID-19 testing			0.126	0.142	0.118			
26-May-21	1 : 224983	-1 : 11842	1 : 10975		No monitoring due to compulsory COVID-19 testing			0.150	0.300	0.276			
27-May-21	-1 : 64281	-1 : 12857	1 : 9000		+4			Stop monitoring	Stop monitoring	0.150	0.284	0.166	
28-May-21	Obstructed by THT renovation work							0.118	0.189	0.110			
29-May-21	Obstructed by THT renovation work							0.118	0.205	0.126			
31-May-21	Obstructed by THT renovation work							0.204	0.181	0.158			
Alert Level	1:2000				6			4.5					
Alarm Level	1:1500				8			4.8					
Action Level	1:1000				10			5					

Note:

Bold means Alert Level exceedance**Bold Italic** means Alarm Level exceedance**Bold Italic with underline** means Action Level exceedance