



Your ref

Our ref **ZBM07201CCG**

Claims Consortium Group
 Blackdown House,
 Culmhead Business Centre,
 Culmhead,
 Taunton, Somerset,
 TA3 7DY

Issue date: **15/11/2023**

Following survey No: **27** of **tbc**

Monitoring Plus Report

Owners name	<input type="text"/>	Suspected cause	to be advised	Monitoring type	levels & cracks
Address	83 Yew Tree Cottages, Midgley, Luddendenfoot, Halifax, West Yorkshire	Principal area of damage	to be advised	Installed	15/01/2021
	HX2 6UG	Damage category	to be advised	Frequency (weeks)	4.4
Comment		Surface geology	to be advised	Completion date	tbc
Max movement	5.7 mm	Feedback from last visit		Status	open
Focal area	Pts 1, 2, 3, 5,	no feedback for this visit			
<p>5/6/23 - External repair works completed; monitoring points still intact.</p> <p>6/3/23 - fine crack developing between diagonal points on Crack A, so no longer a check measurement.</p>		Sketch showing location of monitoring points			
		<p style="text-align: center;">FRONT ELEVATION</p>			

Level Monitoring Results

Survey:	1		2		3		4		5	
By:	BL		RW		RW		BL		BL	
Date:	15/01/2021		19/02/2021		15/03/2021		16/04/2021		21/05/2021	
Point ID	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm
1	738.42	0.0	740.05	1.6	740.26	1.8	740.04	1.6	740.07	1.6
2	706.39	0.0	707.56	1.2	707.83	1.4	707.84	1.4	707.79	1.4
3	700.30	0.0	701.84	1.5	702.21	1.9	702.05	1.7	701.60	1.3
4	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
5	931.03	0.0	934.21	3.2	934.32	3.3	934.32	3.3	933.41	2.4
6	975.13	0.0	975.09	0.0	975.54	0.4	975.75	0.6	974.36	-0.8

closing error (mm) 0.46 -0.03 -0.11 -0.13 -0.09

Survey:	6		7		8		9		10	
By:	BL		BL		RW		BL		RW	
Date:	22/06/2021		19/07/2021		24/08/2021		01/10/2021		05/11/2021	
Point ID	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm
1	740.03	1.6	741.41	3.0	740.82	2.4	741.13	2.7	740.52	2.1
2	707.75	1.4	708.76	2.4	708.13	1.7	707.58	1.2	707.40	1.0
3	701.52	1.2	701.70	1.4	701.65	1.3	701.01	0.7	700.93	0.6
4	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
5	933.04	2.0	933.90	2.9	934.57	3.5	934.58	3.6	933.78	2.7
6	973.72	-1.4	974.69	-0.4	976.12	1.0	976.05	0.9	975.50	0.4

closing error (mm) 0.21 -0.13 -0.07 -0.01 0.04

Survey:	11		12		13		14		15	
By:	RW		BL		RW		BL		BL	
Date:	03/12/2021		10/01/2022		11/02/2022		11/03/2022		08/04/2022	
Point ID	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm	levels mm	chngs mm
1	740.86	2.4	740.49	2.1	740.83	2.4	739.99	1.6	740.91	2.5
2	708.07	1.7	708.41	2.0	708.34	1.9	707.10	0.7	707.94	1.5
3	701.62	1.3	701.95	1.7	702.77	2.5	701.60	1.3	702.51	2.2
4	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
5	934.29	3.3	934.72	3.7	934.02	3.0	934.25	3.2	934.40	3.4
6	975.87	0.7	976.73	1.6	975.70	0.6	975.59	0.5	976.22	1.1

closing error (mm) 0.22 -0.14 0.04 0.11 -0.05

Level Monitoring Results

Survey:	16		17		18		19		20	
By:	BL		RW		RW		BL		RW	
Date:	04/05/2022		05/08/2022		16/09/2022		28/10/2022		05/12/2022	
Point ID	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>
1	741.41	3.0	739.15	0.7	736.13	-2.3	736.27	-2.1	737.65	-0.8
2	708.44	2.0	706.02	-0.4	703.04	-3.4	703.25	-3.1	705.35	-1.0
3	702.82	2.5	700.83	0.5	698.86	-1.4	699.17	-1.1	700.39	0.1
4	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
5	934.14	3.1	934.20	3.2	934.30	3.3	934.19	3.2	933.96	2.9
6	976.11	1.0	975.88	0.8	975.60	0.5	975.72	0.6	975.66	0.5

closing error (mm) -0.05 -0.07 0.18 -0.11 -0.14

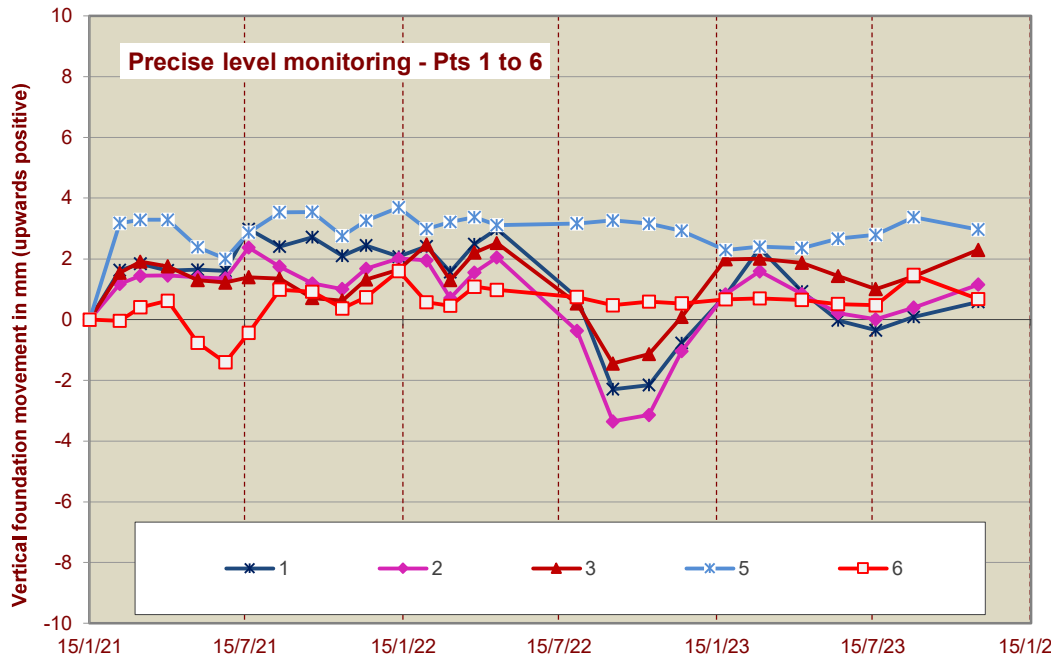
Survey:	21		22		23		24		25	
By:	BL		BL		BL		RW		RW	
Date:	25/01/2023		06/03/2023		24/04/2023		05/06/2023		19/07/2023	
Point ID	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>
1	739.21	0.8	740.78	2.4	739.35	0.9	738.39	0.0	738.07	-0.3
2	707.22	0.8	707.98	1.6	707.23	0.8	706.60	0.2	706.40	0.0
3	702.29	2.0	702.31	2.0	702.17	1.9	701.73	1.4	701.31	1.0
4	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
5	933.32	2.3	933.43	2.4	933.39	2.4	933.70	2.7	933.82	2.8
6	975.80	0.7	975.83	0.7	975.78	0.6	975.64	0.5	975.60	0.5

closing error (mm) -0.06 -0.17 -0.19 -0.14 -0.15

Survey:	26		27		28		29		30	
By:	BL		RW		#N/A		#N/A		#N/A	
Date:	01/09/2023		15/11/2023		#N/A		#N/A		#N/A	
Point ID	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>	levels mm	<i>chngs</i> <i>mm</i>
1	738.51	0.1	739.00	0.6		#N/A		#N/A		#N/A
2	706.79	0.4	707.54	1.1		#N/A		#N/A		#N/A
3	701.72	1.4	702.60	2.3		#N/A		#N/A		#N/A
4	1000.00	0.0	1000.00	0.0		#N/A		#N/A		#N/A
5	934.40	3.4	934.00	3.0		#N/A		#N/A		#N/A
6	976.60	1.5	975.81	0.7		#N/A		#N/A		#N/A

closing error (mm) -0.27 0.11 #REF! #REF! #REF!

Precise level monitoring related to Point 4



Crack monitoring results

Survey:		5		6		7		8		9	
By:		BL		BL		BL		RW		BL	
Date:	initial	21/05/2021		22/06/2021		19/07/2021		24/08/2021		01/10/2021	
Crack ID	width	sprtn	chngs	sprtn	chngs	sprtn	chngs	sprtn	chngs	levels	chngs
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
A (horiz)	tbc	78.03	0.0	78.05	0.0	78.65	0.6	78.18	0.2	78.04	0.0
A (vert)		69.79	0.0	69.82	0.0	69.95	0.2	69.85	0.1	69.80	0.0
A (diag)		112.42	0.0	112.47	0.0	112.61	0.2	112.70	0.3	112.75	0.3

all measurements made with internal jaws unless marked with asterisk, ^ = angle bracket, \$ = measurement with butt end of calipers

crack descriptions

A (horiz) Demec triplet, external, front elevation

Survey:		10		11		12		13		14	
By:		RW		RW		BL		RW		BL	
Date:	initial	05/11/2021		03/12/2021		10/01/2022		11/02/2022		11/03/2022	
Crack ID	width	sprtn	chngs	sprtn	chngs	sprtn	chngs	sprtn	chngs	levels	chngs
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
A (horiz)	tbc	78.15	0.1	78.07	0.0	77.94	-0.1	78.08	0.0	78.25	0.2
A (vert)		69.75	0.0	69.76	0.0	69.71	-0.1	69.82	0.0	69.90	0.1
A (diag)		112.75	0.3	112.79	0.4	112.84	0.4	112.82	0.4	112.82	0.4

all measurements made with internal jaws unless marked with asterisk, ^ = angle bracket, \$ = measurement with butt end of calipers

Survey:		15		16		17		18		19	
By:		BL		BL		RW		RW		BL	
Date:	initial	08/04/2022		04/05/2022		05/08/2022		16/09/2022		28/10/2022	
Crack ID	width	sprtn	chngs	sprtn	chngs	sprtn	chngs	sprtn	chngs	levels	chngs
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
A (horiz)	tbc	78.05	0.0	78.19	0.2	77.44	-0.6	77.50	-0.5	77.62	-0.4
A (vert)		69.84	0.0	69.81	0.0	69.82	0.0	69.86	0.1	69.99	0.2
A (diag)		112.81	0.4	112.82	0.4	112.78	0.4	112.75	0.3	112.84	0.4

all measurements made with internal jaws unless marked with asterisk, ^ = angle bracket, \$ = measurement with butt end of calipers

Survey:		20		21		22		23		24	
By:		RW		BL		BL		BL		RW	
Date:	initial	05/12/2022		25/01/2023		06/03/2023		24/04/2023		05/06/2023	
Crack ID	width	sprtn	chngs	sprtn	chngs	sprtn	chngs	sprtn	chngs	levels	chngs
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
A (horiz)	tbc	77.64	-0.4	77.24	-0.8	78.34	0.3	78.62	0.6	78.18	0.2
A (vert)		69.85	0.1	69.70	-0.1	70.08	0.3	70.39	0.6	70.11	0.3
A (diag)		112.83	0.4	112.84	0.4	112.80	0.4	112.85	0.4	112.85	0.4

all measurements made with internal jaws unless marked with asterisk, ^ = angle bracket, \$ = measurement with butt end of calipers

Survey:		25		26		27		28		29	
By:		RW		BL		RW		#N/A		#N/A	
Date:	initial	19/07/2023		01/09/2023		15/11/2023		#N/A		#N/A	
Crack ID	width	sprtn	chngs	sprtn	chngs	sprtn	chngs	sprtn	chngs	levels	chngs
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
A (horiz)	tbc	77.80	-0.2	77.79	-0.2	77.82	-0.2		#N/A		#N/A
A (vert)		69.68	-0.1	69.70	-0.1	69.81	0.0		#N/A		#N/A
A (diag)		112.56	0.1	112.64	0.2	112.59	0.2		#N/A		#N/A

all measurements made with internal jaws unless marked with asterisk, ^ = angle bracket, \$ = measurement with butt end of calipers

Crack monitoring

