

Your ref

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**Subsidence
Monitoring
Services**



GEO-SERV

360Globalnet Ltd
Bramley House,
Bramley Road,
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NG10 3SX

Issue date: **19/01/2024**

Monitoring visit **5** of **7**

Monitoring Plus Report

Owners name	Mr. Alan Matthews	Suspected cause	to be advised	Monitoring type	levels & cracks
Address	Russell Cottage Bridgnorth Road Highley Bridgnorth WV16 6JG	Principal area of damage	to be advised	Installed	27/03/2023
Comment		Damage category	to be advised	Frequency (weeks)	8.7
Max movement	6.6 mm	Surface geology	to be advised	Completion date	Mar 24
Focal area	Pts 8, 9, 10, 11,	Feedback from last visit	no feedback for this visit		
no comment for this visit		Sketch showing location of monitoring points			
		<p>The sketch shows a blue building with several monitoring points marked with red arrows and numbers: 1 (top right), 2 (top left), 3 (middle right), 4 (middle left), 5 (middle left), 6 (middle left), 7 (middle left), 8 (bottom left), 9 (bottom center), 10 (bottom right), and 11 (bottom right). A crack labeled 'Crack A' is shown on the left side of the building. A drain is marked with a red arrow and the word 'drain' on the left side of the building. The word 'Front' is written at the bottom of the sketch.</p>			

Level Monitoring Results

Survey:	1		2		3		4		5	
By:	MA		MA		MA		MA		MA	
Date:	27/03/2023		05/06/2023		11/09/2023		15/11/2023		19/01/2024	
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>
drain	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0	1000.00	0.0
1	1167.32	0.0	1167.31	0.0	1168.01	0.7	1167.52	0.2	1166.69	-0.6
2	1192.89	0.0	1192.80	-0.1	1193.66	0.8	1193.13	0.2	1191.95	-0.9
3	1174.23	0.0	1174.10	-0.1	1175.01	0.8	1174.09	-0.1	1173.18	-1.1
4cill	1189.13	0.0	1189.48	0.3	1189.80	0.7	1189.01	-0.1	1187.90	-1.2
5	1176.30	0.0	1176.53	0.2	1177.29	1.0	1176.14	-0.2	1175.37	-0.9
6	1192.16	0.0	1191.98	-0.2	1192.01	-0.2	1191.42	-0.7	1190.96	-1.2
7r	1618.61	0.0	1618.63	0.0	1616.01	-2.6	1616.42	-2.2	1616.57	-2.0
8	1184.67	0.0	1187.19	2.5	1180.63	-4.0	1182.78	-1.9	1186.44	1.8
9cill	2037.84	0.0	2040.67	2.8	2034.51	-3.3	2036.73	-1.1	2040.09	2.3
10	1193.07	0.0	1195.19	2.1	1189.98	-3.1	1191.98	-1.1	1194.80	1.7
11	1274.00	0.0	1276.14	2.1	1270.30	-3.7	1272.26	-1.7	1275.09	1.1

closing error (mm)

0.03

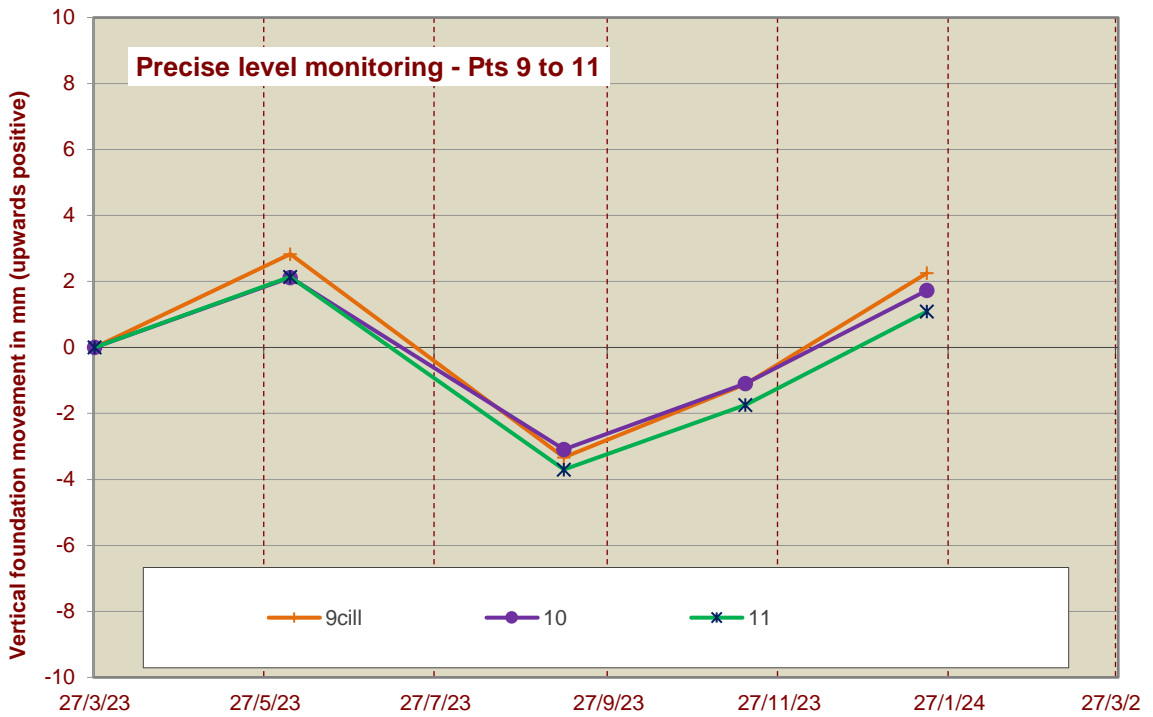
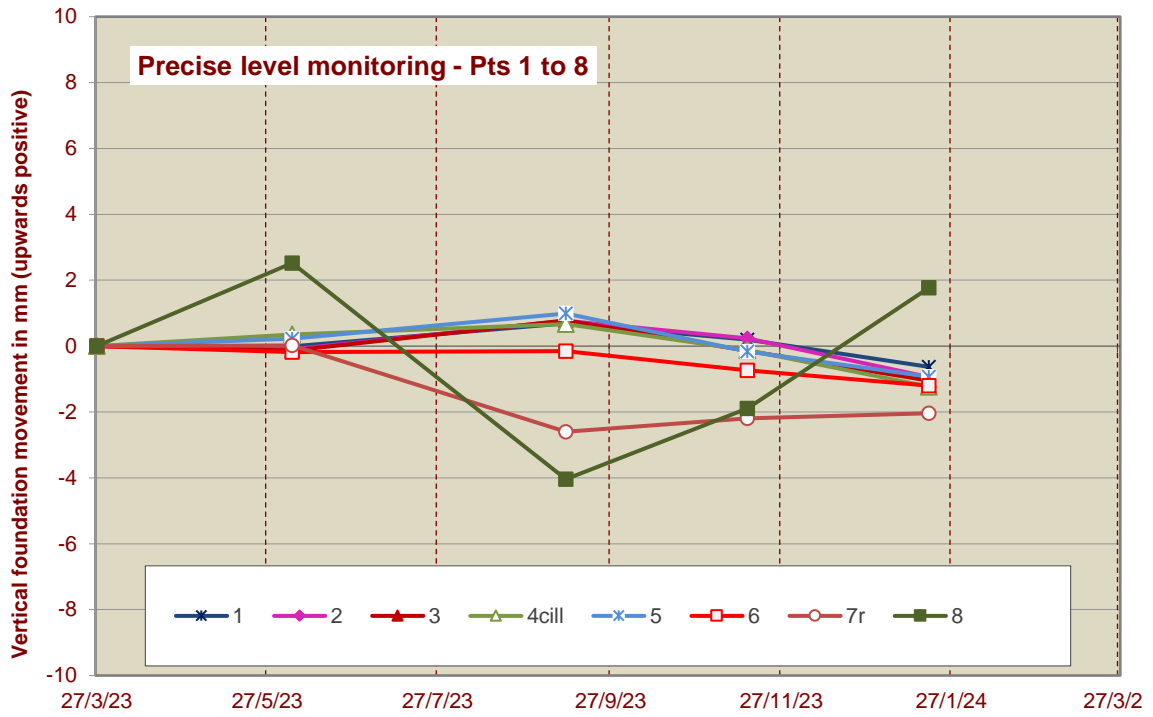
-0.02

0.14

-0.20

-0.21

Precise level monitoring related to drain



Crack monitoring results

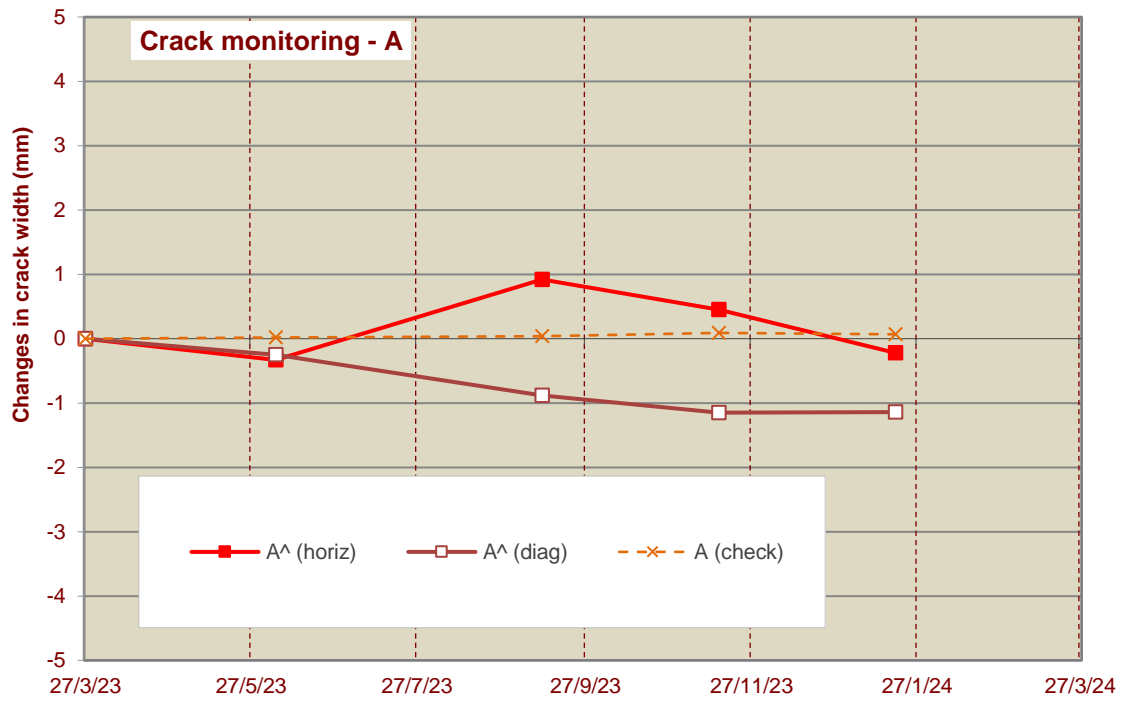
Survey:		1 MA		2 MA		3 MA		4 MA		5 MA	
By:		27/03/2023		05/06/2023		11/09/2023		15/11/2023		19/01/2024	
Date:	initial width mm	sprtn mm	<i>chngs mm</i>	sprtn mm	<i>chngs mm</i>	sprtn mm	<i>chngs mm</i>	sprtn mm	<i>chngs mm</i>	levels mm	<i>chngs mm</i>
Crack ID											
A^ (horiz)	9.00	77.38	0.0	77.05	-0.3	78.30	0.9	77.83	0.5	77.16	-0.2
A^ (diag)		93.40	0.0	93.15	-0.3	92.52	-0.9	92.25	-1.2	92.26	-1.1
A (check)		68.41	0.0	68.43	0.0	68.45	0.0	68.50	0.1	68.48	0.1

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

crack descriptions

A^ (horiz) ext rear elev, junction between main house and rear ext lhs

Crack monitoring



Photos for report

