

Norwich Western Link

Environmental Statement Chapter 13: Geology and Soils

Appendix 13.2: Generic Quantitative Risk Assessment

Sub Appendix A: Figures and Drawings

Author: WSP

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Version Number: 00

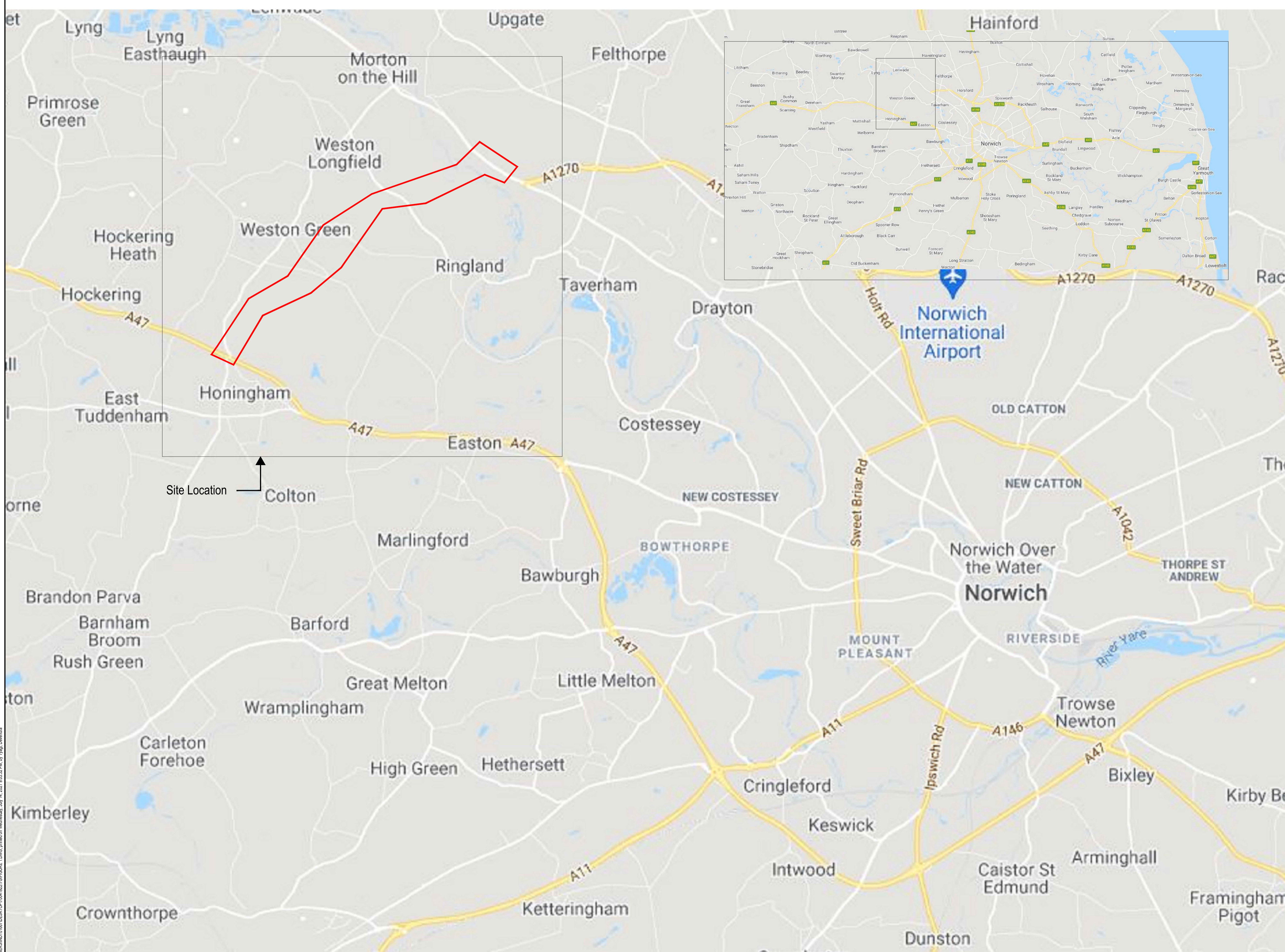
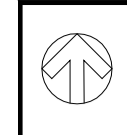
Date: March 2024

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1 Introduction

- 1.1.1 WSP UK Ltd was commissioned by NCC to complete a Generic Quantitative Risk Assessment following an intrusive site investigation undertaken by a contractor. This appendix contains figures and drawings showing the areas of the Proposed Scheme discussed in Environmental Statement Chapter 13: Geology and Soils, Appendix 2: Generic Quantitative Risk Assessment.
- 1.1.2 We have included a summary of key information shown in this document in an accessible format in section 1.1.1. However, some users may not be able to access all technical details that are included in the rest of this document. If you require this document in a more accessible format, please contact norwichwesternlink@norfolk.gov.uk



Key
 Approximate Site Boundary

PO1	01/01/1901	XXX	FIRST ISSUE	XXX	XXX
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **S2 - FOR INFORMATION**



4th Floor, 6 Devonshire Square, London, EC2M 4YE, UK
 T+ 44 (0) 207 337 1700, F+ 44 (0) 207 337 1701
 wsp.com

CLIENT: **NORFOLK COUNTY COUNCIL**

ARCHITECT:

SITE/PROJECT: **NORWICH WESTERN LINK**

TITLE: **Site Location Plan**

SCALE @ A1:	NTS	CHECKED:	WB	APPROVED:	RG
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PROJECT NO:	70041922	DESIGNED:	WB	DRAWN:	DKT	DATE:	July 21
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DRAWING NO:	FIGURE 1	REV:	P01
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File name: C:\USERS\N071067\DESKTOP\70041922\FIGURE_1.DWG, printed on Wednesday, July 14, 2021 8:52:32 PM, by Lyng, Devendra



- Key**
- Borehole (BH)
 - Trial Pit (TP)
 - Window Sample (WS)
 - CPT
 - Existing footpaths / Brideways / Byways
 - Existing ditches / Water courses
 - Proposed local roads / Tracks diversions
 - Existing local roads / Tracks to be stopped up
 - Existing roads to be re-profiled / Lowered

PO1	01/01/1901	XXX	FIRST ISSUE		XXX	XXX
REV	DATE	BY	DESCRIPTION		CHK	APP

DRAWING STATUS: **S2 - FOR INFORMATION**

wsp

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 T+ 44 (0) 207 337 1700, F+ 44 (0) 207 337 1701
 wsp.com

CLIENT: **NORFOLK COUNTY COUNCIL**

ARCHITECT:

SITE/PROJECT: **NORWICH WESTERN LINK**

TITLE: **Exploratory Hole Plan for Proposed Link Road**

SCALE @ A1:	CHECKED:	APPROVED:
1:10000	WB	RG
PROJECT NO:	DESIGNED:	DRAWN:
70041922	WB	DKT
DRAWING NO:	DATE:	REV:
	July 21	P01



















FIGURE 2

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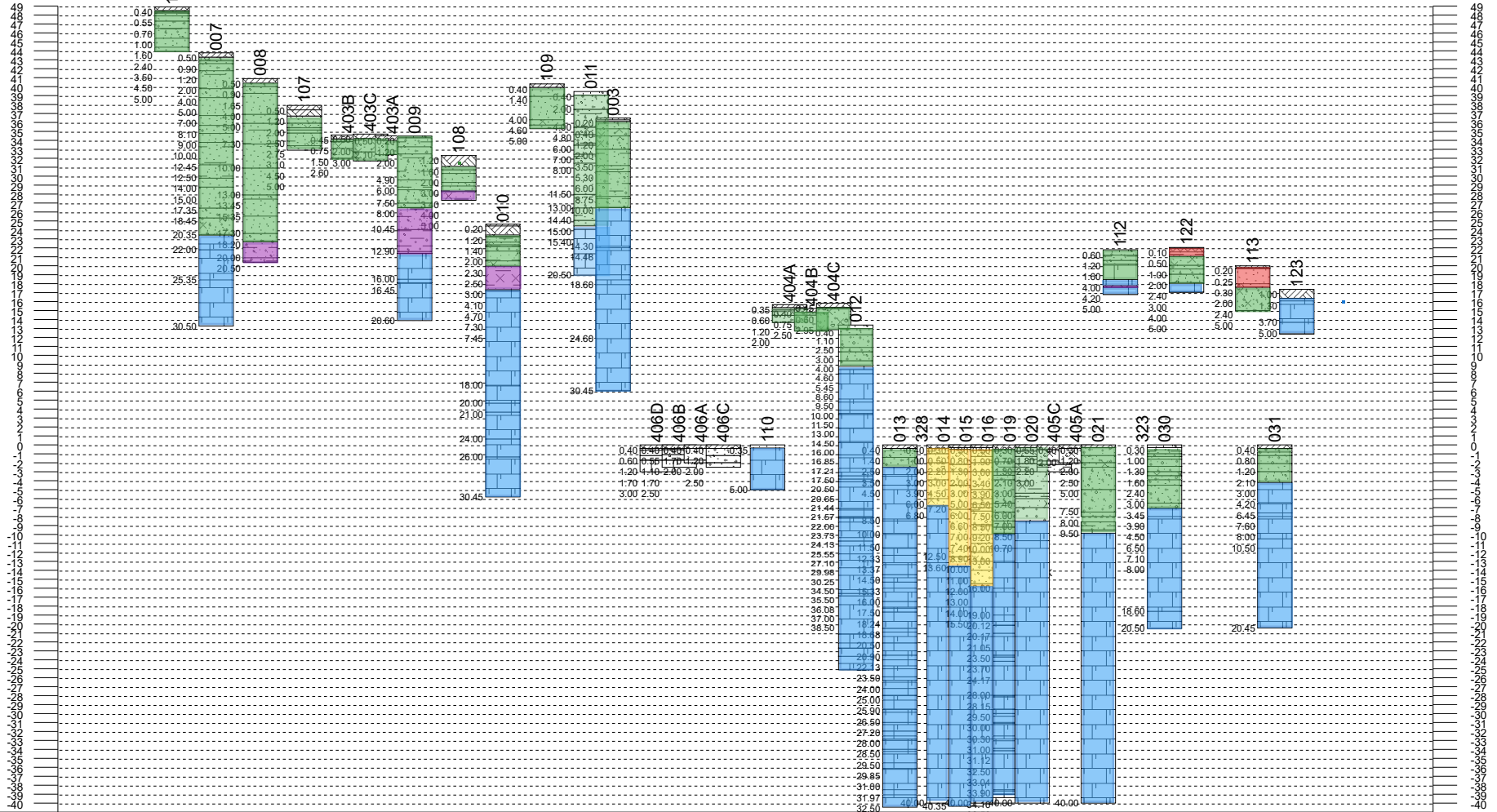
File name: CUISERS\NDR\7042\7042\FIGURE 2.DWG, printed on Wednesday, July 14, 2021, 8:54:58 PM, by Tugui Oliveira
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Legend Key

-  TOPSOIL
-  Gravelly SAND
-  SAND
-  Clayey SAND
-  Clayey gravelly SAND
-  Gravelly cobbly SAND
-  Clayey gravelly cobbly SAND
-  Clayey silty SAND
-  Clayey silty gravelly SAND
-  Silty SAND
-  Silty gravelly SAND
-  Sandy gravelly CLAY/SILT
-  CLAY
-  Silty sandy CLAY
-  Sandy gravelly CLAY
-  Sandy CLAY
-  Silty sandy gravelly CLAY
-  CHALK

-  MADE GROUND
-  GLACIOFLUVIAL SAND & GRAVELS
-  TILL MEMBERS
-  ALLUVIUM
-  UPPER CHALK



-41.00

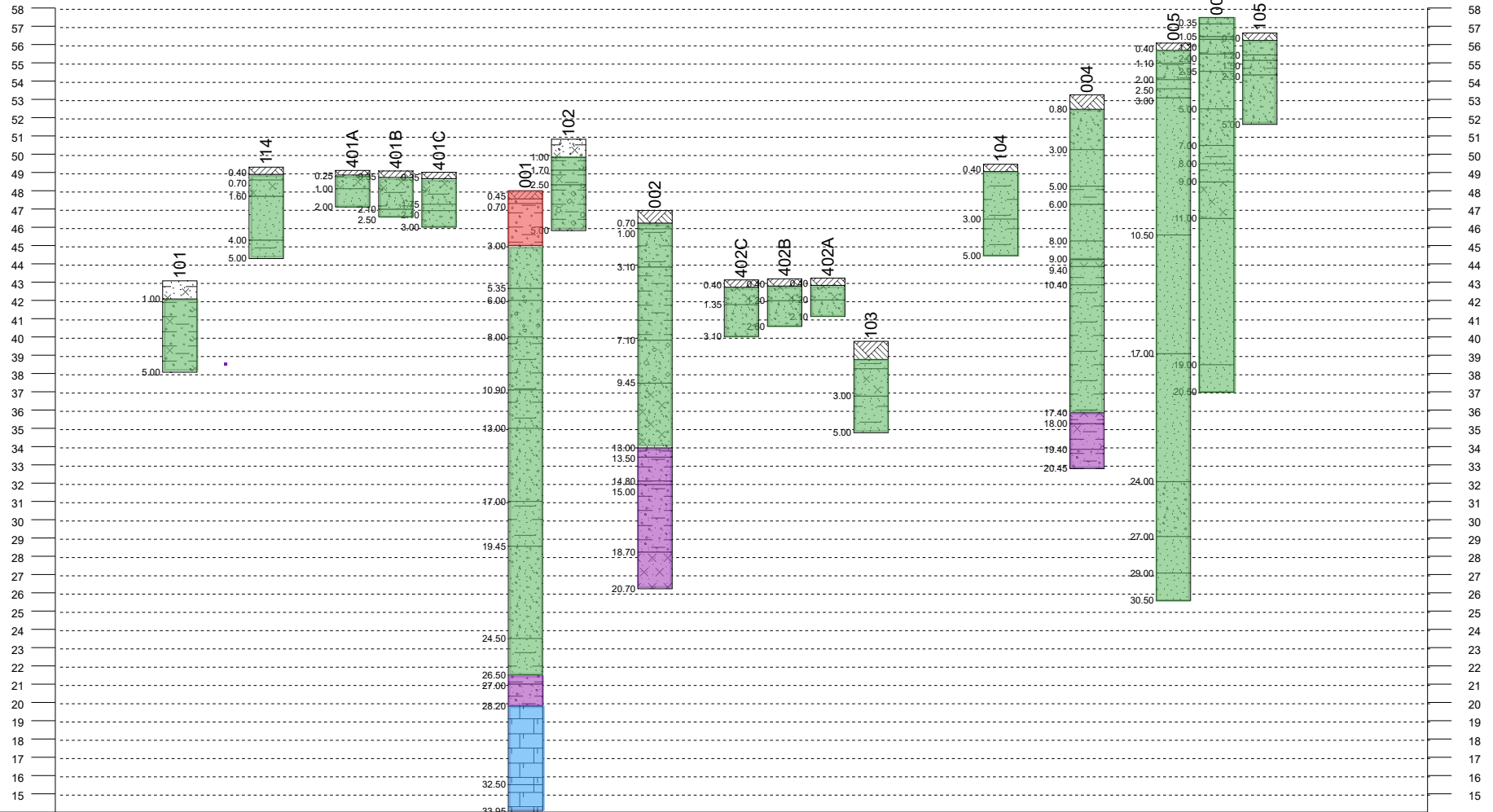
Chainage (m)	Offset (m)	Elevation (mAOD)
48.90	56.36	25.39
48.90	57.04	26.12
43.77	43.01	204.07
44.60	33.67	222.80
40.89	26.03	461.33
40.50	21.25	480.55
37.90	8.37	606.09
37.90	9.06	606.82
34.60	43.42	8
34.70	38.30	1052.6
34.50	31.42	1098.4
34.48	28.41	1065.0
34.48	29.35	1177.0
32.30	34.06	1177.4
32.30	35.00	1317.0
24.64	41.71	1917.4
24.64	42.65	1671.3
40.30	76.33	0
40.30	77.27	4
39.45	3.62	1741.5
36.49	4.04	1756.9
38.50	58.88	0
0.00	56.32	2113.6
0.00	54.14	2122.3
0.00	51.96	2126.6
0.00	48.01	2126.6
42.74	2129.5	0
38.64	9	2962.4
15.66	27.55	2967.7
15.22	20.47	2966.6
15.81	17.03	2939.5
13.38	31.63	8
11.80	29.68	2966.6
14.34	2	2428.7
42.35	6	2461.2
3.69	24.42	2
3.99	0	2
0.57	26.64	2
34.16	29.93	4.84
0.00	65.32	3011.6
0.00	53.49	3055.5
17.41	29.98	3229.3
31.61	39.43	3241.0
9.69	33.55	3
22.04	41.78	3
37.98	38.39	3
27.33	34.57	3
19.99	38.39	3
12.01	36.86	3
17.37	30.37	3
20.23	8	3



Legend Key

- Gravelly SAND
- TOPSOIL
- Clayey gravelly SAND
- SAND
- Clayey silty gravelly SAND
- Clayey SAND
- Silty sandy gravelly CLAY
- Silty gravelly CLAY
- Silty SAND
- Silty sandy gravelly cobbly CLAY
- Sandy CLAY
- Sandy gravelly CLAY
- Gravelly CLAY
- Clayey gravelly cobbly SAND
- Clay/Silt
- Clayey silty SAND
- Silty gravelly SAND

MADE GROUND
 GLACIOFLUVIAL SAND & GRAVEL
 TILL MEMBERS
 UPPER CHALK



14.00

Chainage (m)	Offset (m)	Elevation (mAOD)
43.07	23.34	44.51
43.07	22.96	45.43
49.29	108.54	204.12
49.29	108.93	205.04
49.11	86.74	206.41
49.08	79.81	210.62
49.01	70.85	216.07
48.00	66.75	333.17
48.00	23.59	339.62
50.82	36.90	502.93
50.82	37.29	503.85
46.92	0.86	741.55
46.92	1.56	742.26
43.12	37.81	1252.8
43.18	41.35	1254.3
43.22	45.18	1254.8
39.76	20.18	1288.8
39.76	20.87	1289.5
36.49	14.04	1325.7
49.45	1.83	1543.8
49.45	1.17	1544.3
53.25	12.92	1734.8
53.25	12.14	1735.4
56.08	52.03	2103.0
57.48	42.72	2241.7
56.63	24.89	2441.9
56.00	36.51	2458.1