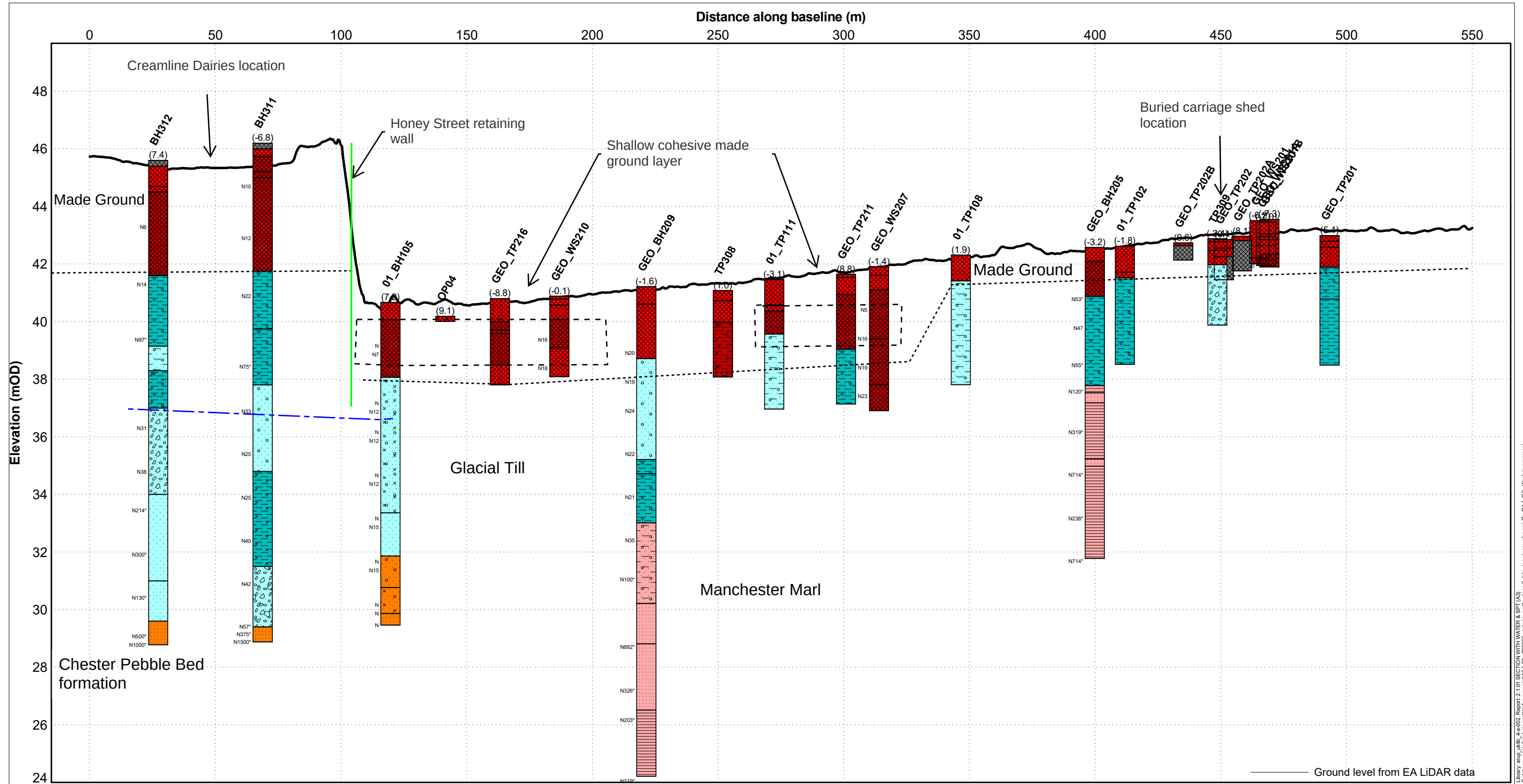




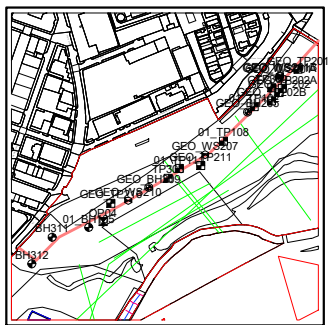
SCALE 1:133V 1:1528H @ A3-L

ARUP, gINT v10.00.01.07. Made by Jonny Tyrer on 17-May-22

LEGEND

Hole offset is +ve to the RIGHT of the baseline
HoleID (Offset)
N20*
SPT N value, * denotes N extrapolated by gINT: * from main blows ** from seating blows

PLAN



COLOUR LEGEND

- Made Ground - Granular [MG-G]
- Made Ground - Cohesive [MG-CO]
- Made Ground - Concrete [MG-Conc]
- Glacial Till Deposits - Cohesive [GTD - CO]
- Glacial Till Deposits - Granular [GTD - G]
- Chester Formation [CHES]
- Manchester Marls Formation [MM]

MATERIALS

- Fill (MADE GROUND)
- Silty gravelly SAND
- SAND
- Gravelly SAND
- Silty SAND
- SANDSTONE
- Gravelly CLAY
- Sandy gravelly CLAY
- Silty sandy CLAY
- Sandy cobbly GRAVEL
- Clayey gravelly SAND
- Silty gravelly CLAY
- SAND and GRAVEL
- MUDSTONE
- Sandy CLAY
- Silty sandy gravelly CLAY

Refer to Drawing 01 For cross section locations

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

ARUP

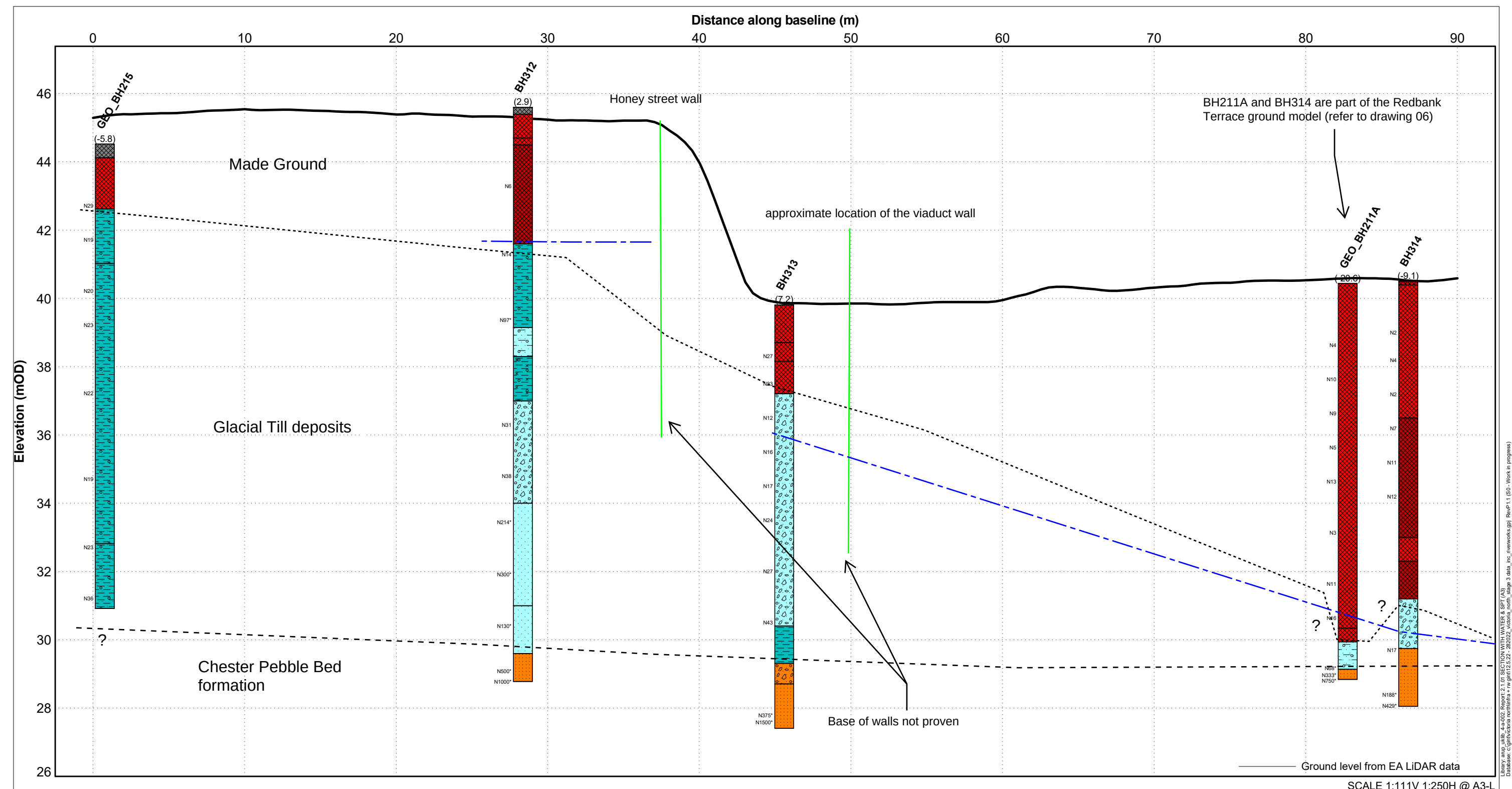
Job Title
Victoria North

Figure Title
Geological Long section
Red Bank Plateau

Job No
282022

Drawing 05A

Library: arup_unlib_44-002_Report 2.1.01 SECTION WITH WATER & SPT (A3)
Database: c:\gint\data\formfiles - v10 gint v10.00.01.07 - 282022_Victoria_North_CG-0012.dwg 3 data_inc (wwwworks.gpi) RevP.1.1 (SO - Work in progress)



ARUP gINT v10.00.01.07. Made by Jonny Tyrer on 27-May-22

LEGEND

Hole offset is +ve to the RIGHT of the baseline

Hole ID (Offset)

SPT N value, * denotes N extrapolated by gINT:

- * from main blows
- ** from seating blows

PLAN

COLOUR LEGEND

- Made Ground - Granular [MG-G]
- Made Ground - Cohesive [MG-CO]
- Made Ground - Concrete [MG-Conc]
- Glacial Till Deposits - Cohesive [GTD - CO]
- Glacial Till Deposits - Granular [GTD - G]
- Chester Formation [CHES]
- Assumed ground water profile in Glacial Till

MATERIALS

- Fill (MADE GROUND)
- Gravelly CLAY
- Clayey gravelly SAND
- Silty gravelly CLAY
- SAND and GRAVEL
- SAND
- SANDSTONE
- Sandy CLAY
- Sandy gravelly CLAY

Refer to Drawing 01 For cross section locations

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

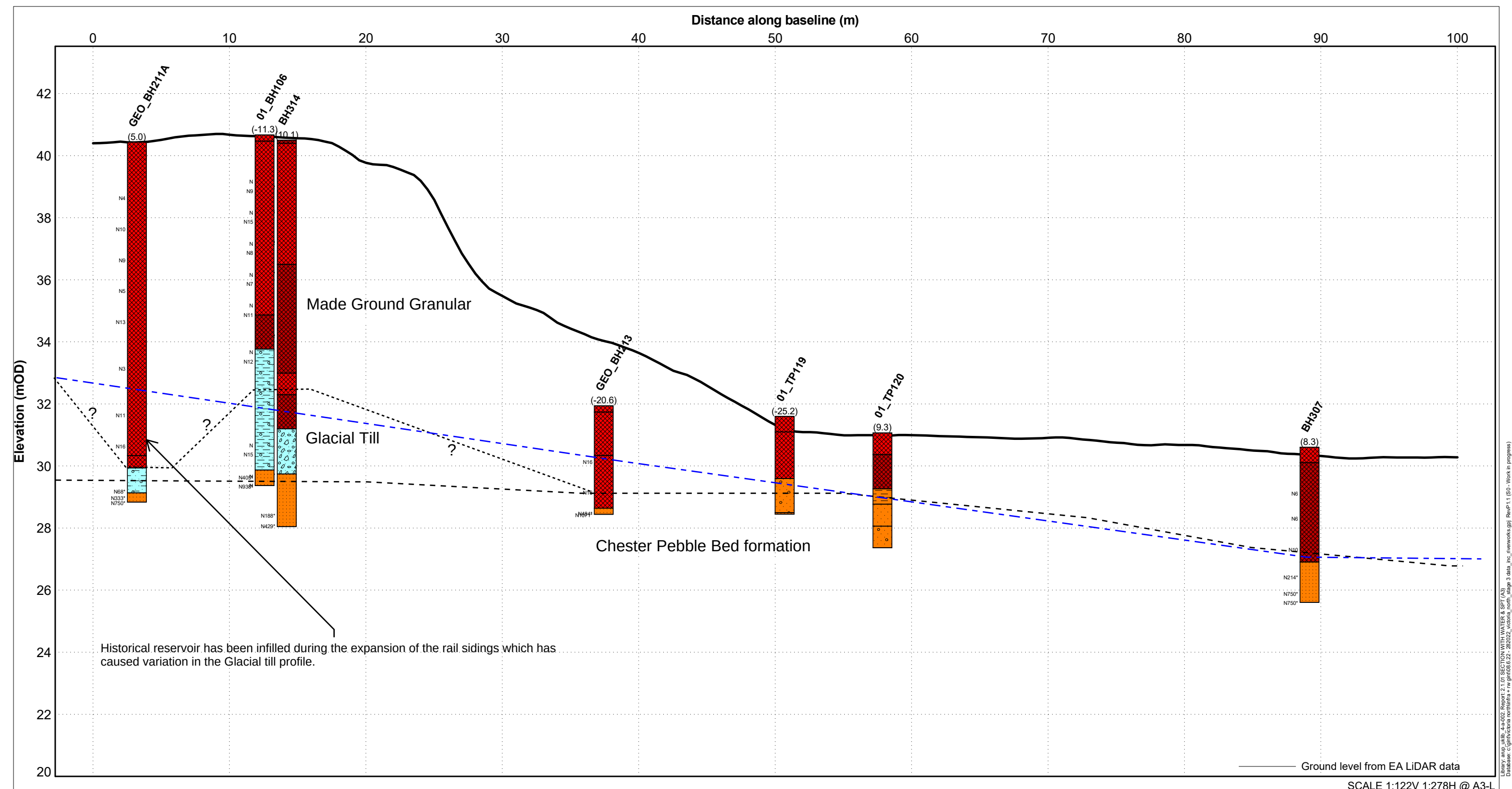
ARUP

Job Title
Victoria North

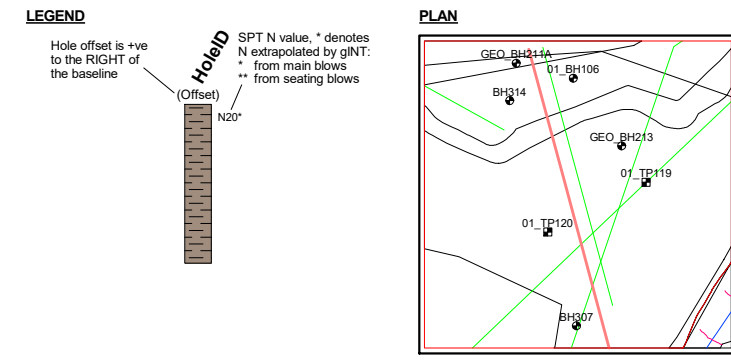
Figure Title
Geological cross section
Red Bank Plateau

Job No
282022

Drawing **05D**



ARUP gINT v10.00.01.07. Made by Jonny Tyrer on 14-Jun-22



Refer to Drawing 01 For cross section locations

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

ARUP

Job Title

Victoria North

Figure Title

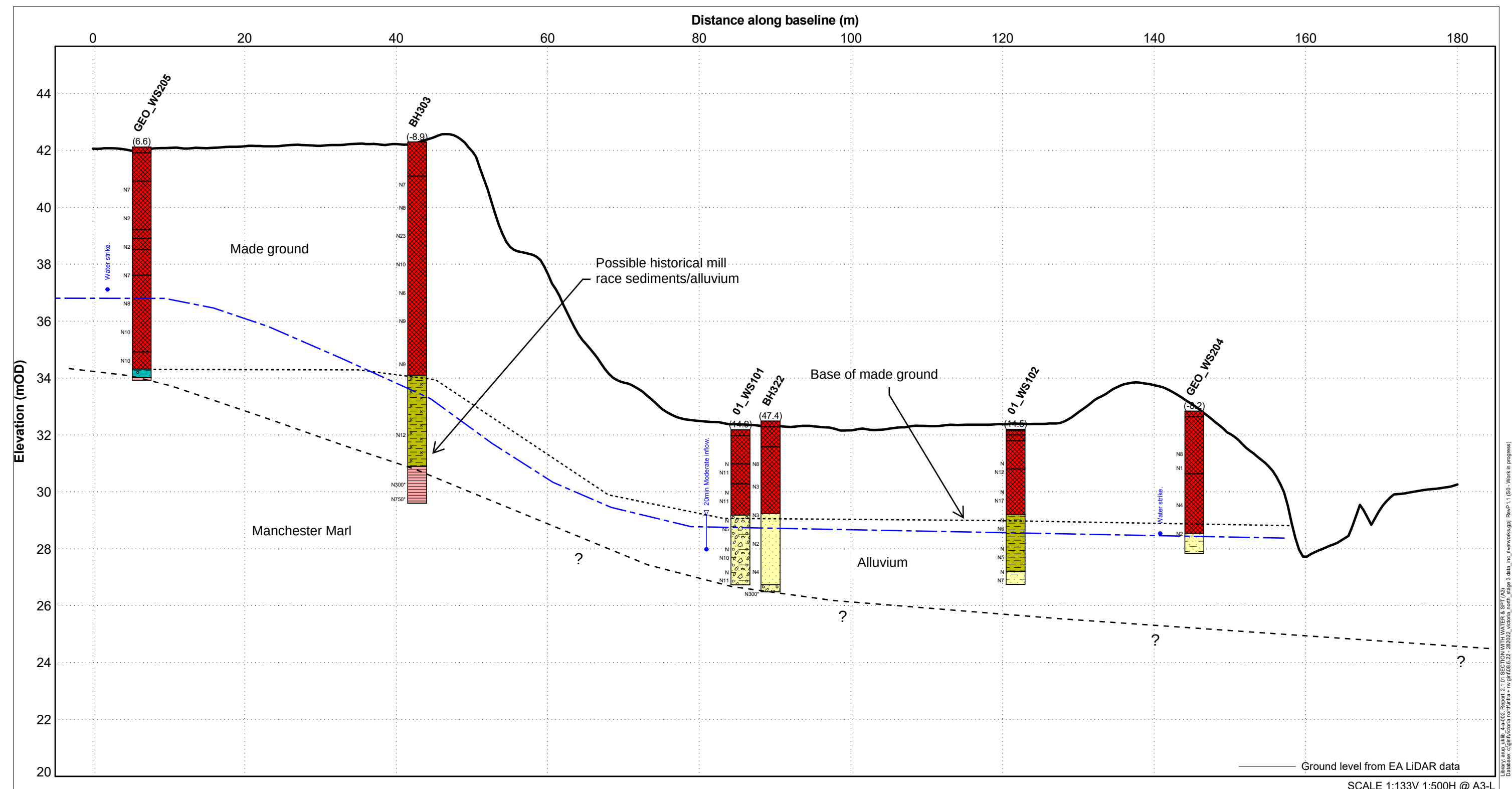
Geological cross section

Red Bank Terrace

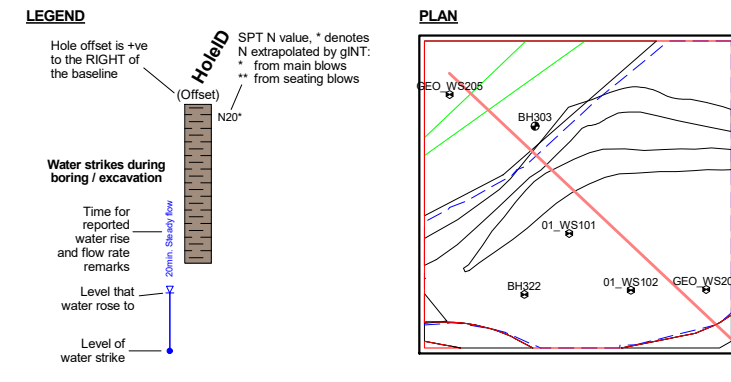
Job No

282022

Drawing 06



ARUP gINT v10.00.01.07. Made by Jonny Tyrer on 24-Jun-22



MATERIALS	
	Fill (MADE GROUND)
	Silty Clay
	MUDSTONE
	Clayey sandy GRAVEL
	Sandy CLAY
	Clayey SAND
	SAND
	SAND and GRAVEL

Refer to Drawing 01 For cross section locations

This drawing relates to
Ground Investigation Interpretive Report
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ARUP

Job Title

Victoria North

Figure Title

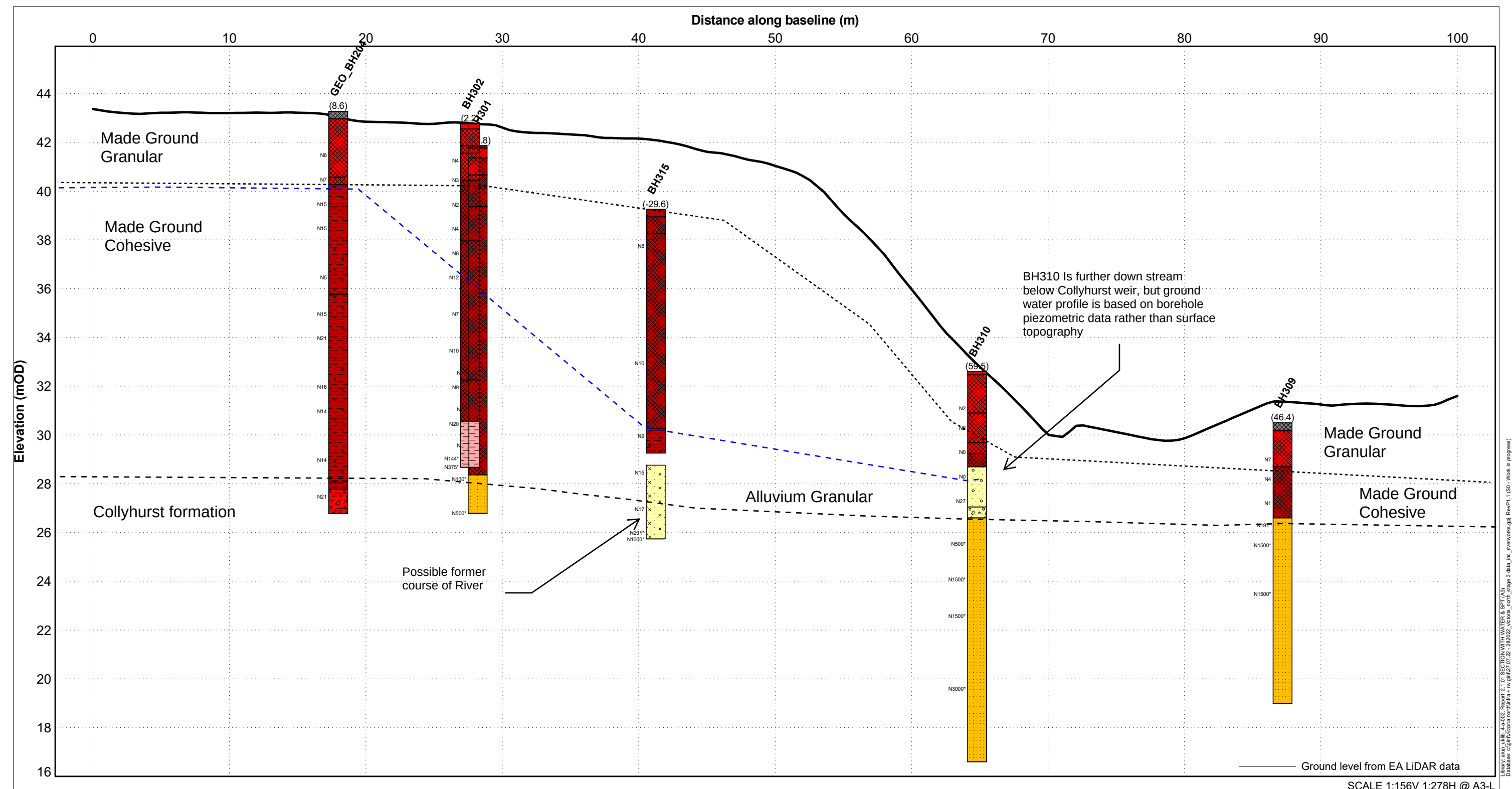
Geological cross section

St Catherine's Wood

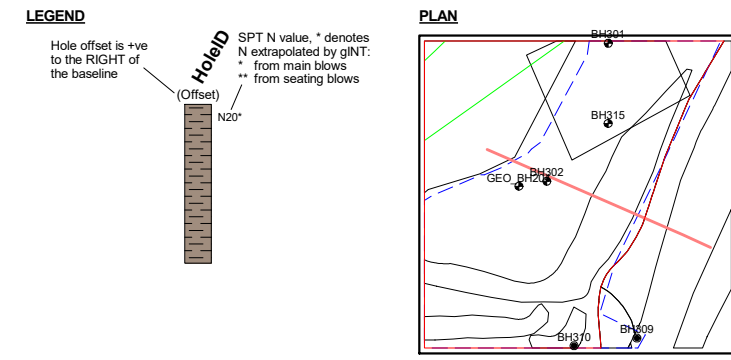
Job No

282022

Drawing 07A



ARUP, gINT v10.00.01.07. Made by Jonny Tyrer on 10-Aug-22



Refer to Drawing 01 For cross section locations

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

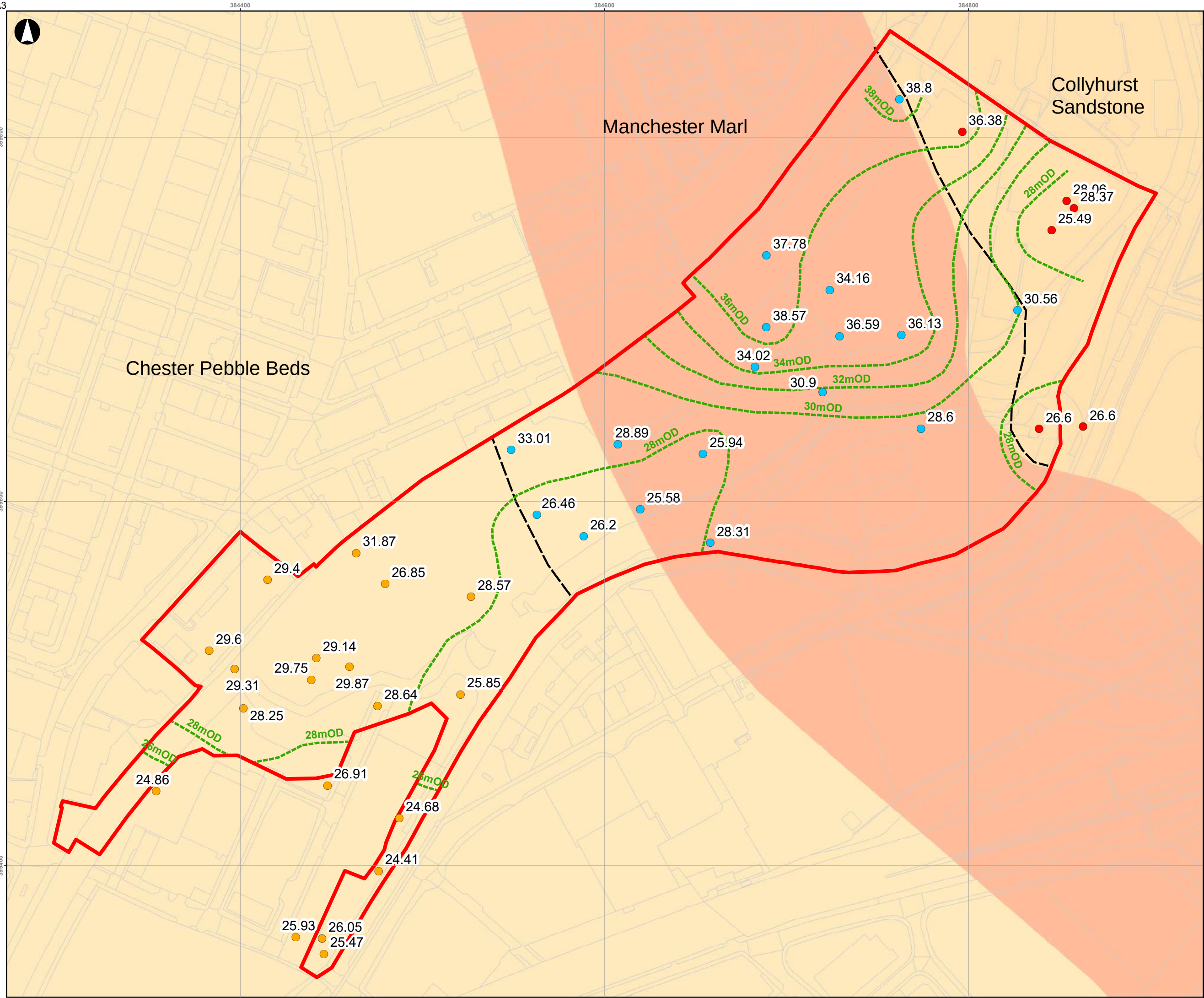
ARUP

Job Title
Victoria North

Figure Title
Geological cross section
North East of St Catherine's Wood

Job No
282022

Drawing 07B



- Legend**
- Bedrock encountered (mOD)**
- Chester Pebble Beds
 - Collyhurst Sandstone
 - Manchester Marl
 - Inferred rockhead contours (mOD)
 - Inferred bedrock boundaries

The coloured background displays the BGS 1:50,000 bedrock map

P1	2022-08-05	LH	LH	LH
Issue	Date	By	Chkd	Appd

Metres

0

25

50

100

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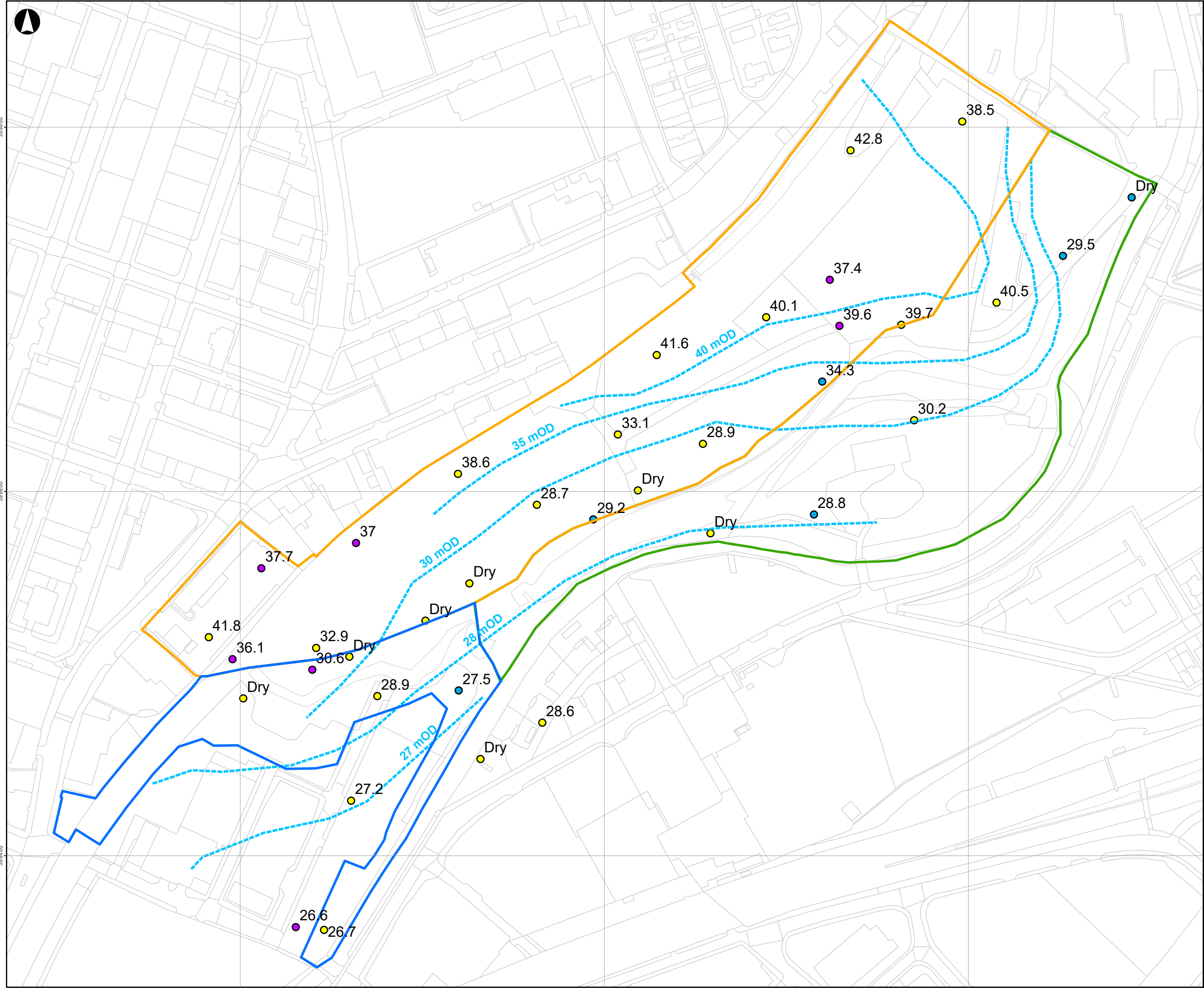
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Bedrock Elevation

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 10	Rev P1
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Legend

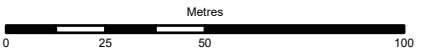
Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood
- Groundwater levels in made ground (mOD)
- Groundwater levels in alluvium (mOD)
- Groundwater levels in glacial till (mOD)
- Inferred shallow groundwater contour (mOD)

Shallow groundwater contours have been interpreted from made ground and alluvium data only

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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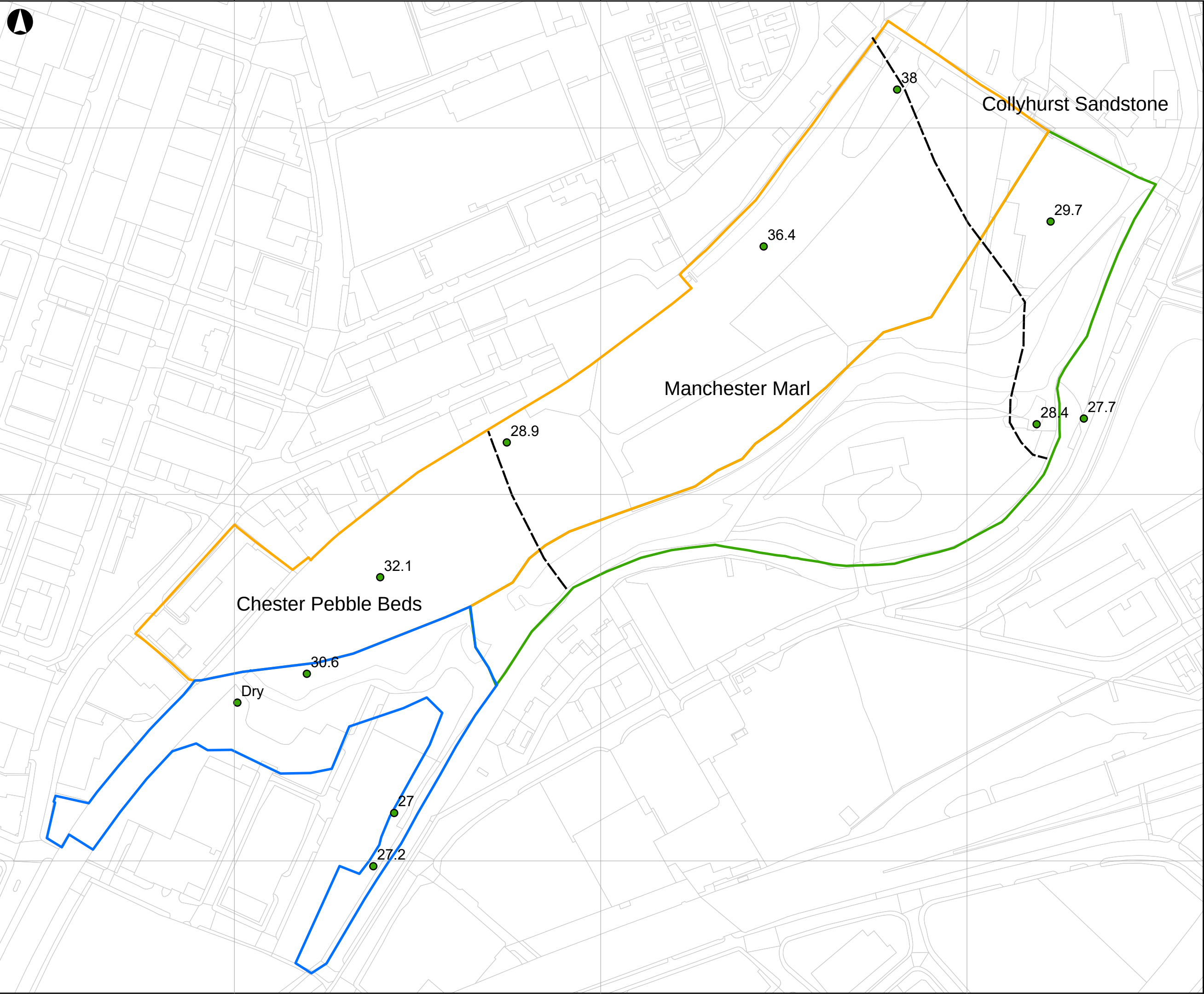
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Groundwater Elevation in Shallow Aquifer

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 11	Rev P1
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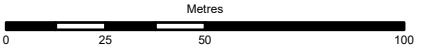
Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood
- Groundwater levels in bedrock (mOD)
- Inferred bedrock boundaries

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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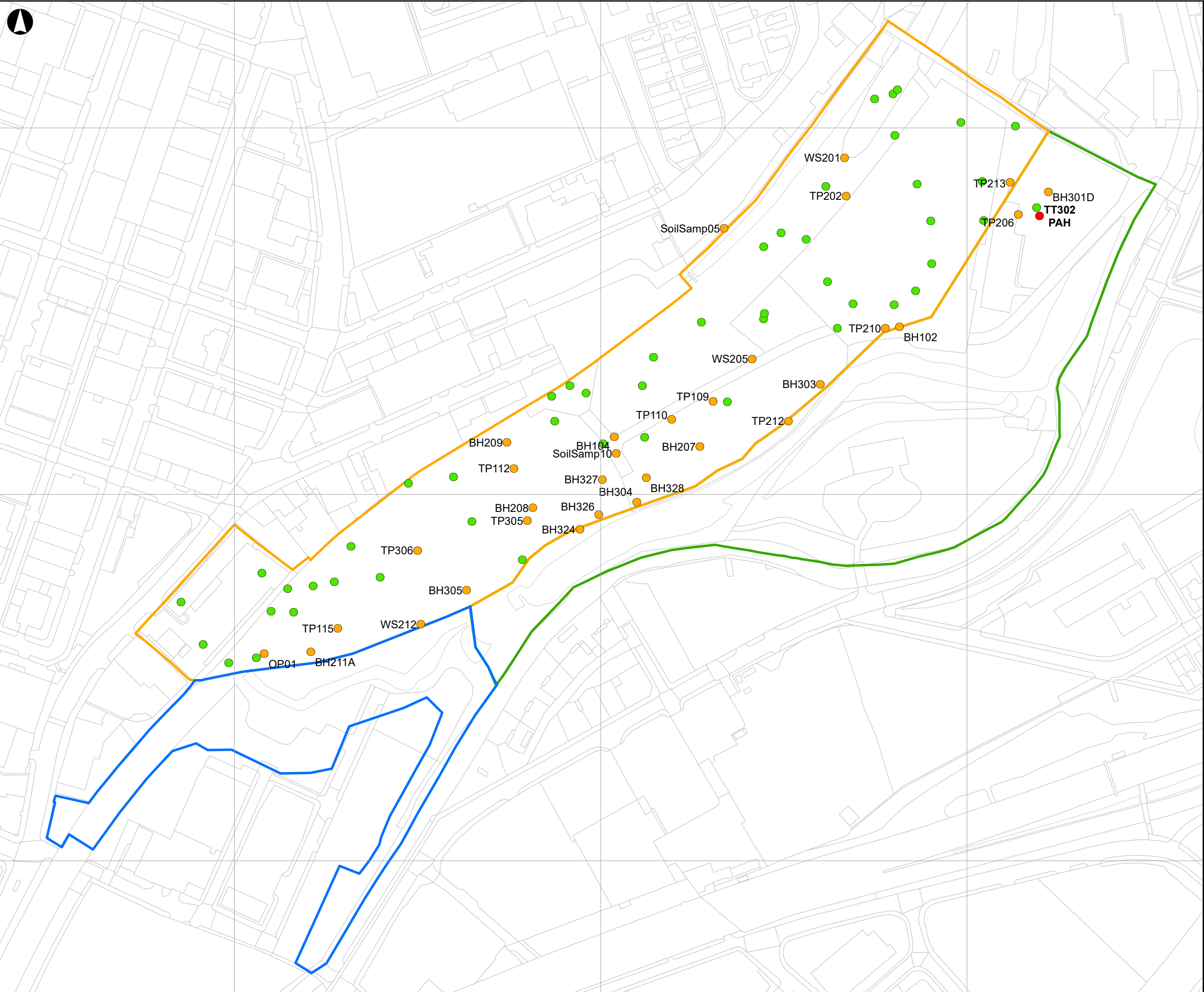
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Groundwater Elevation in Bedrock

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 12	Rev P1
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Legend

Site Area

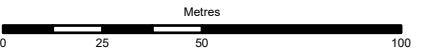
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

GAC Exceedances

- No contaminants tested exceed GAC
- >1 contaminant exceeds GAC
- >1 contaminant significantly exceeds GAC

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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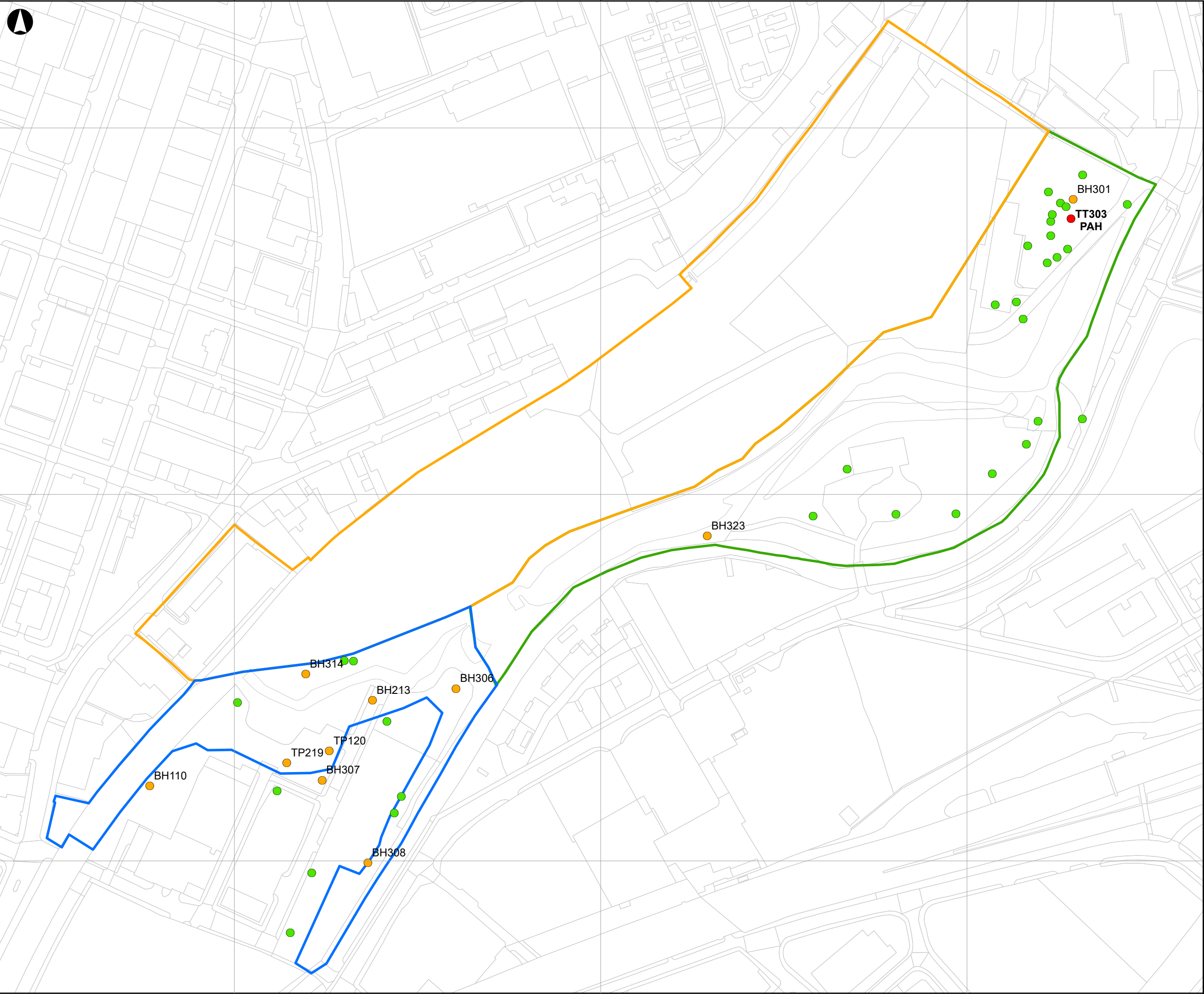
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
**Human Health Risk Assessment for
Residential without Plant Uptake**

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 13	Rev P1
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Legend

Site Area

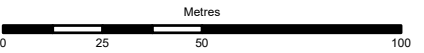
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

GAC Exceedances

- No contaminants tested exceed GAC
- >1 contaminant exceeds GAC
- >1 contaminant significantly exceeds GAC

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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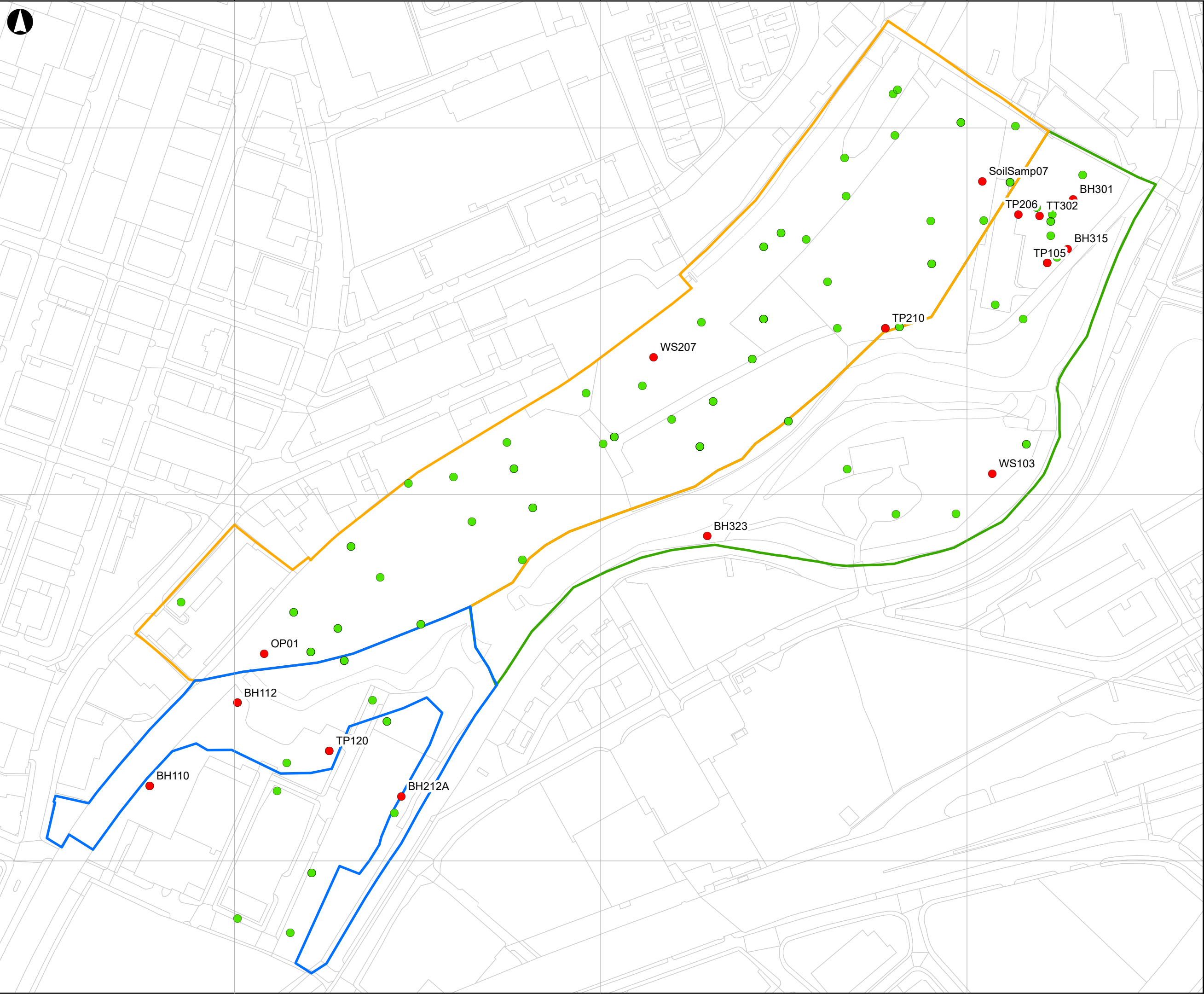
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
**Human Health Risk Assessment for
Public Open Space**

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 14	Rev P1
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Legend

Site Area

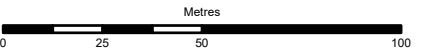
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

Asbestos identification

- Asbestos detected
- Asbestos not detected

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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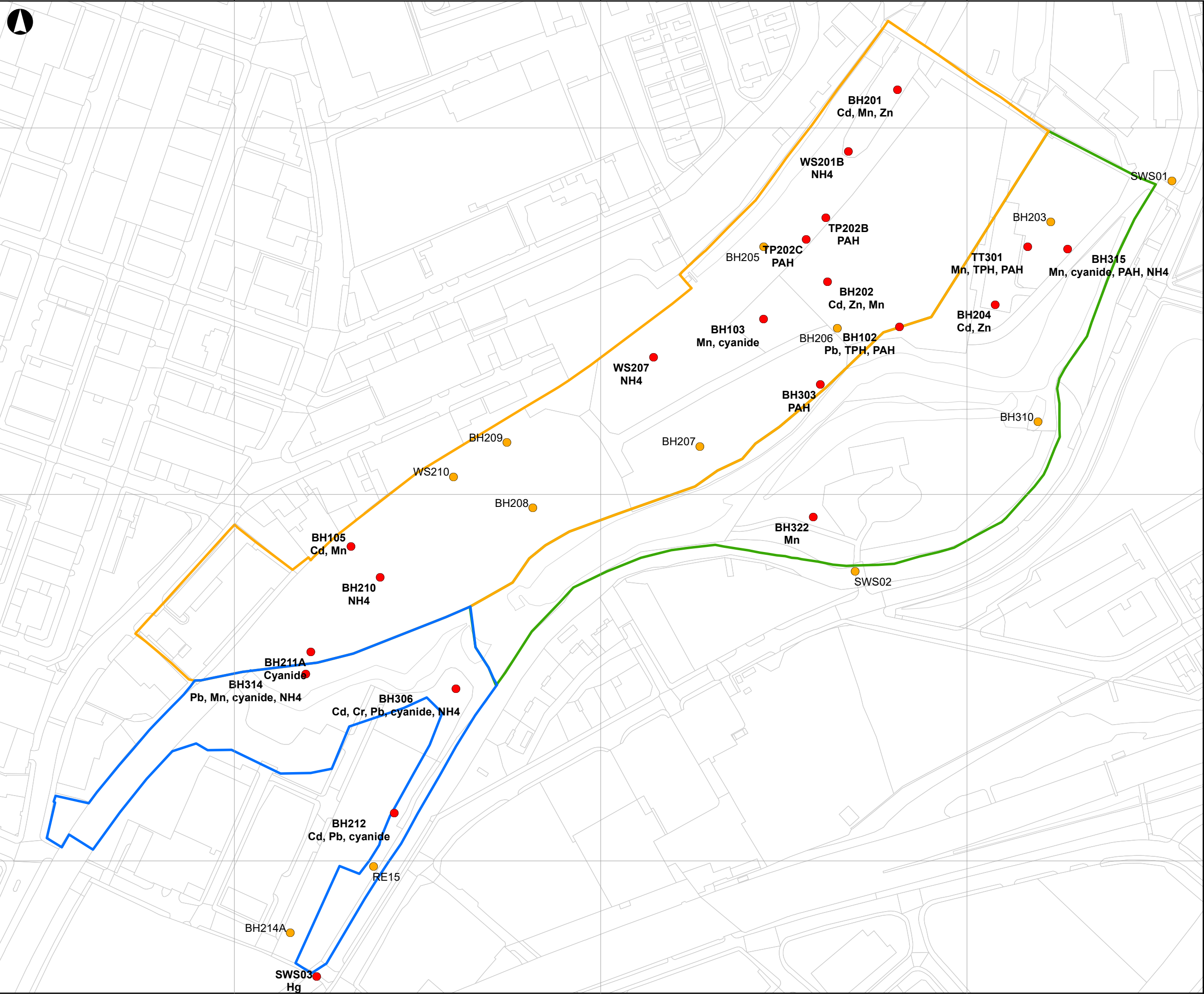
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Identification of Asbestos in Soil Samples

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 15	Rev P1
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Legend

Site Area

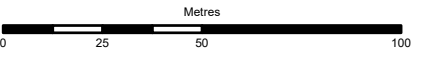
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

GAC Exceedances

- No contaminants tested exceed GAC
- >1 contaminant exceeds GAC
- >1 contaminant significantly exceeds GAC

P1	2022-11-17	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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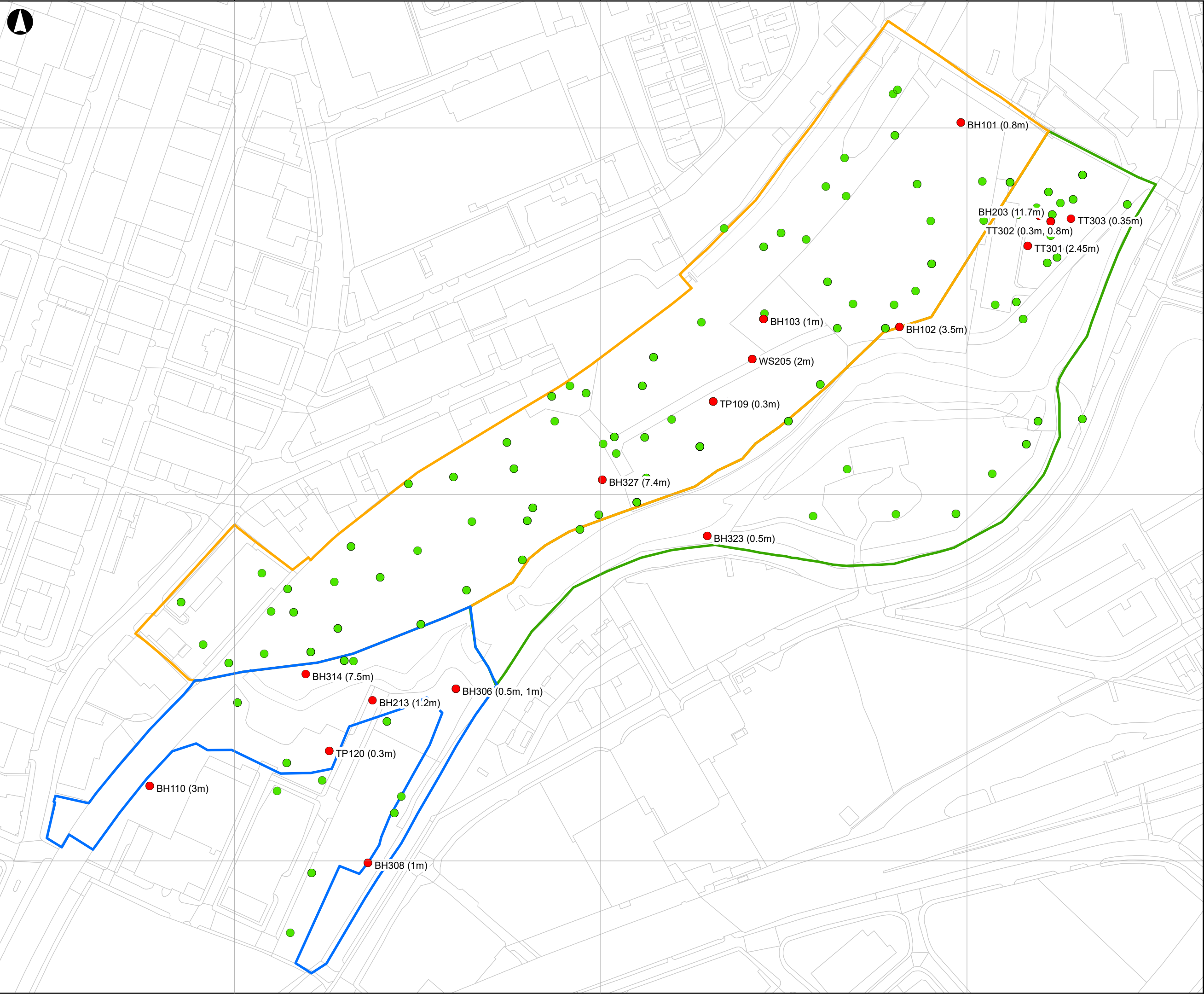
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Controlled Waters Risk Assessment

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 16	Rev P2
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Legend

Site Area

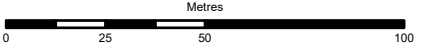
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

HazWasteOnline classification

- Hazardous
- Non Hazardous

P1	2022-08-04	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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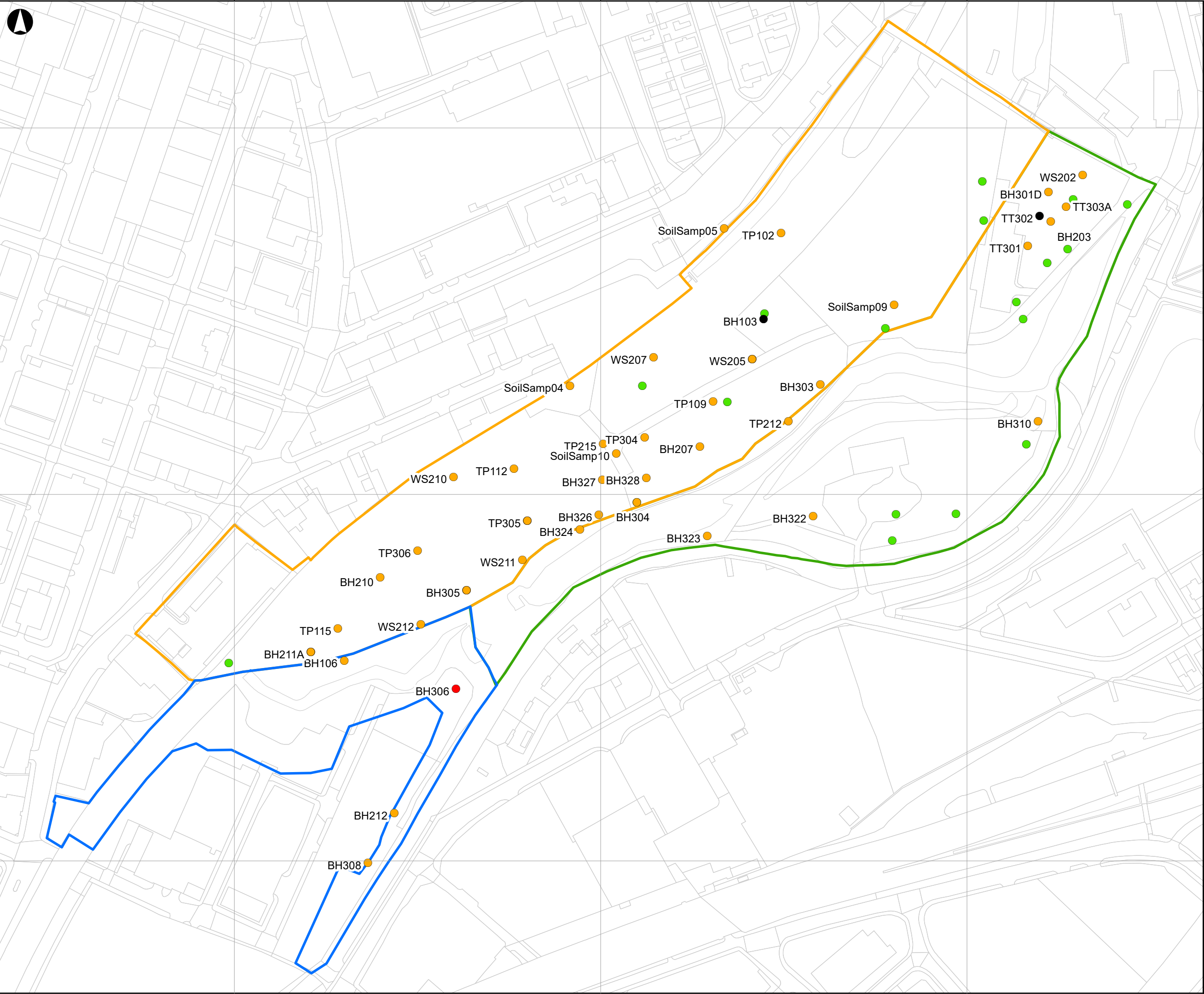
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Hazardous Waste Classification

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 17	Rev P1
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Legend

Site Area

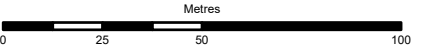
- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

WAC assessment

- Inert
- Non-Hazardous
- Hazardous (as determined by hazardous waste assessment)
- Hazardous – requires TOC treatment

P1	2022-11-17	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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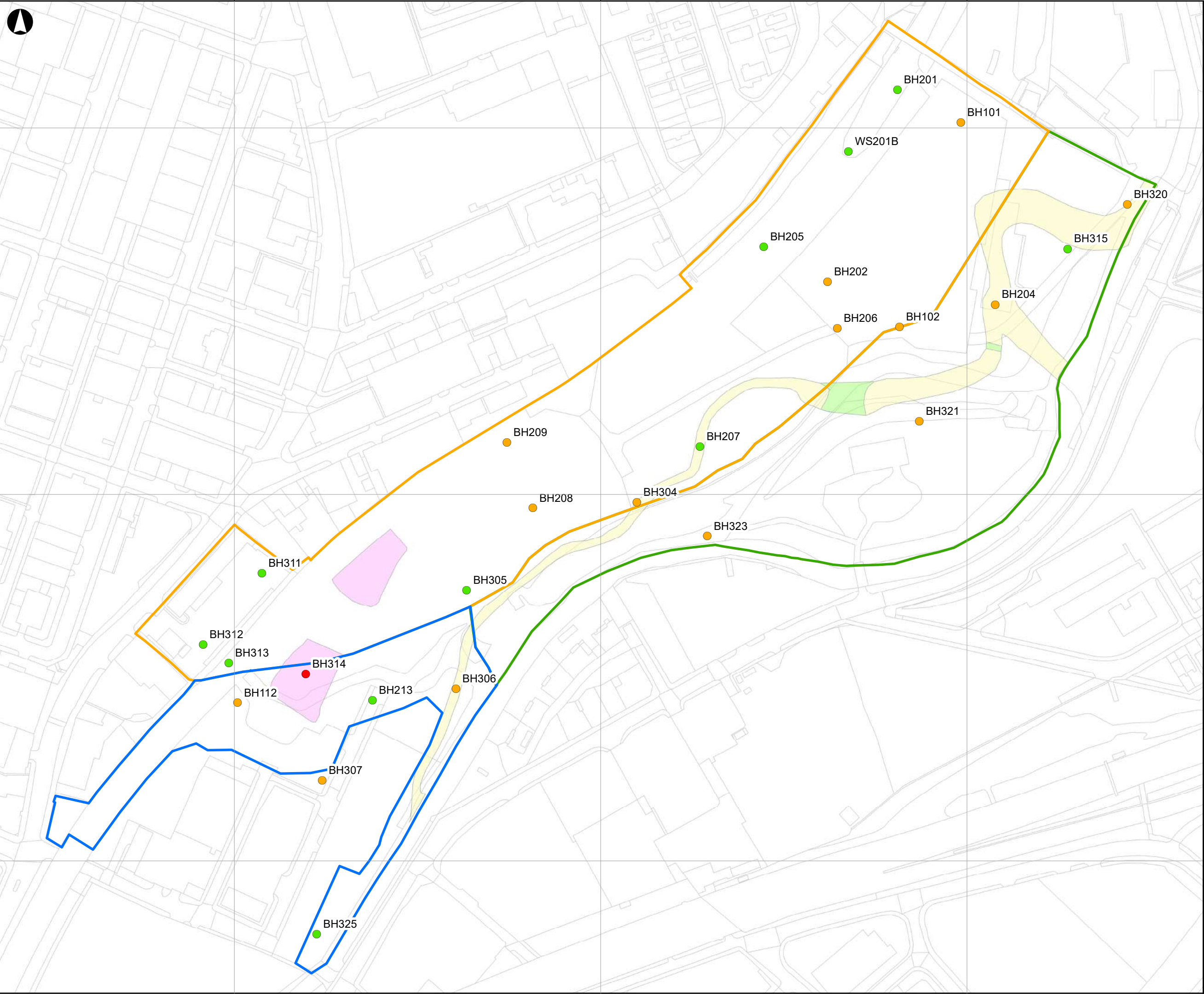
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Waste Acceptance Criteria Classification

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 18	Rev P2
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Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

Characteristic Situation

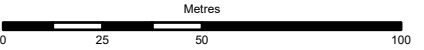
- CS1
- CS2
- CS3

Key features

- Infilled Channel
- Infilled Water Body
- Bridge

P1	2022-08-05	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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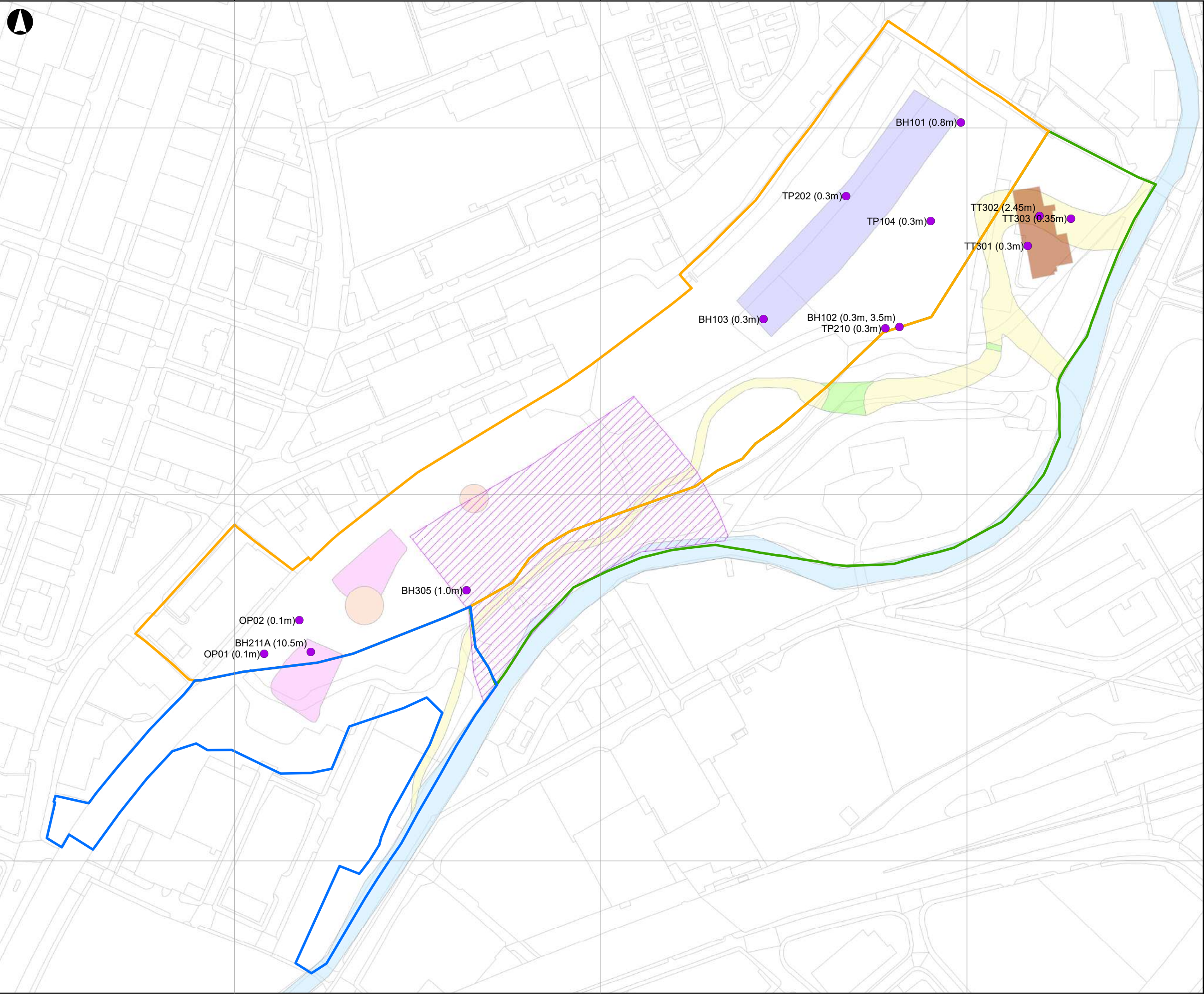
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Gas Risk Assessment

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 19	Rev P1
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Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

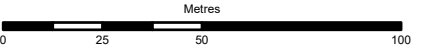
Samples exceeding TPH saturation limit

Key features

- Bridge
- Carriage Shed
- Infilled Channel
- Infilled Water Body
- Railway Turntable
- River Irk
- Gasworks footprint
- Approximate Extent of
Regrading & Reduced Level
Dig

P1	2022-08-12	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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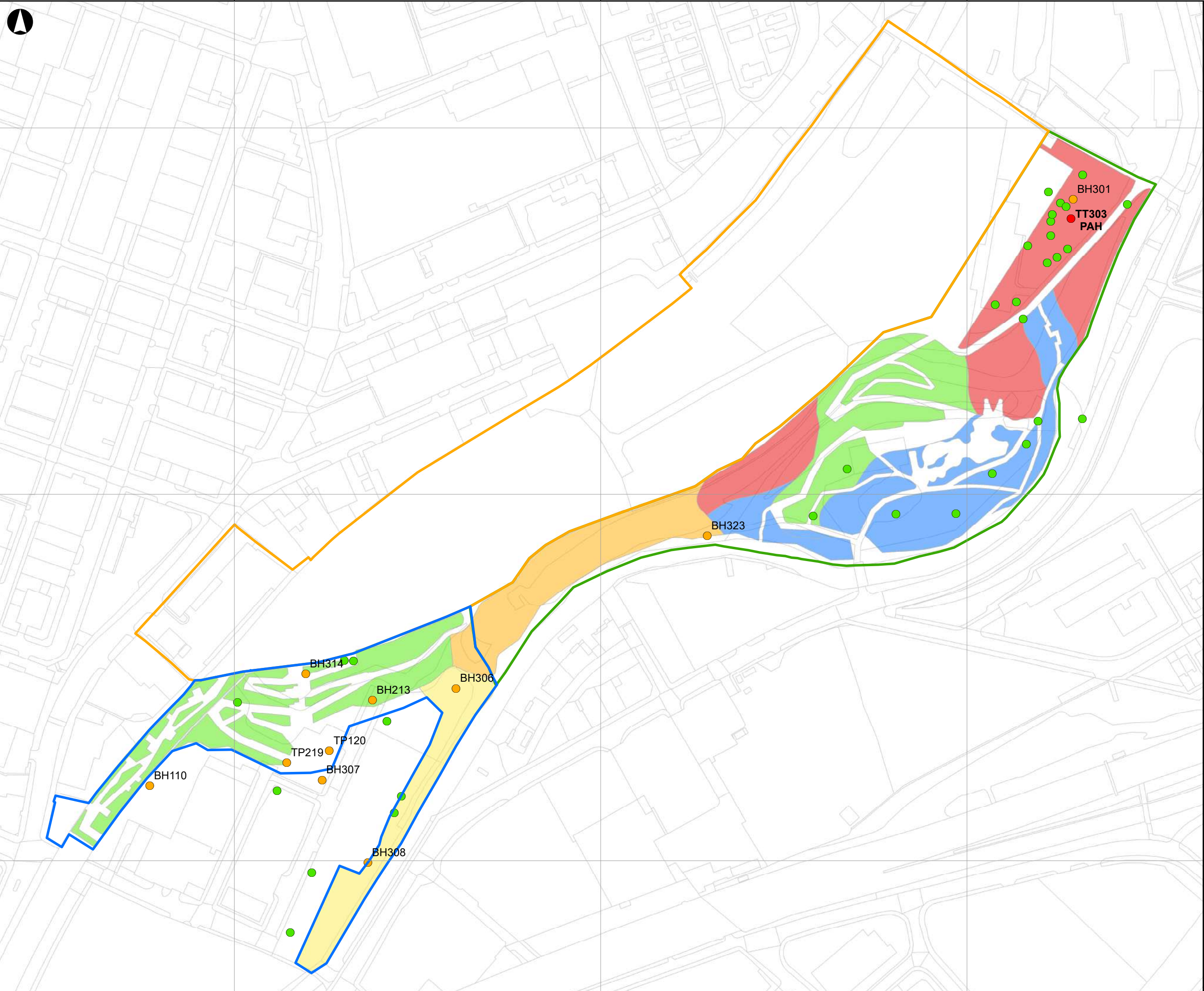
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Samples Exceeding TPH Saturation Limit

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 20	Rev P1
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Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

GAC Exceedances

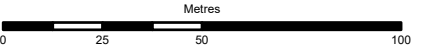
- No contaminants tested exceed GAC
- >1 contaminant exceeds GAC
- >1 contaminant significantly exceeds GAC

Clean cover system

- As existing
- Hardstanding
- 300mm topsoil
- 300mm topsoil and 300mm subsoil
- 100mm topsoil

P1	2022-11-21	LH	LH	LH
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Issue	Date	By	Chkd	Appd
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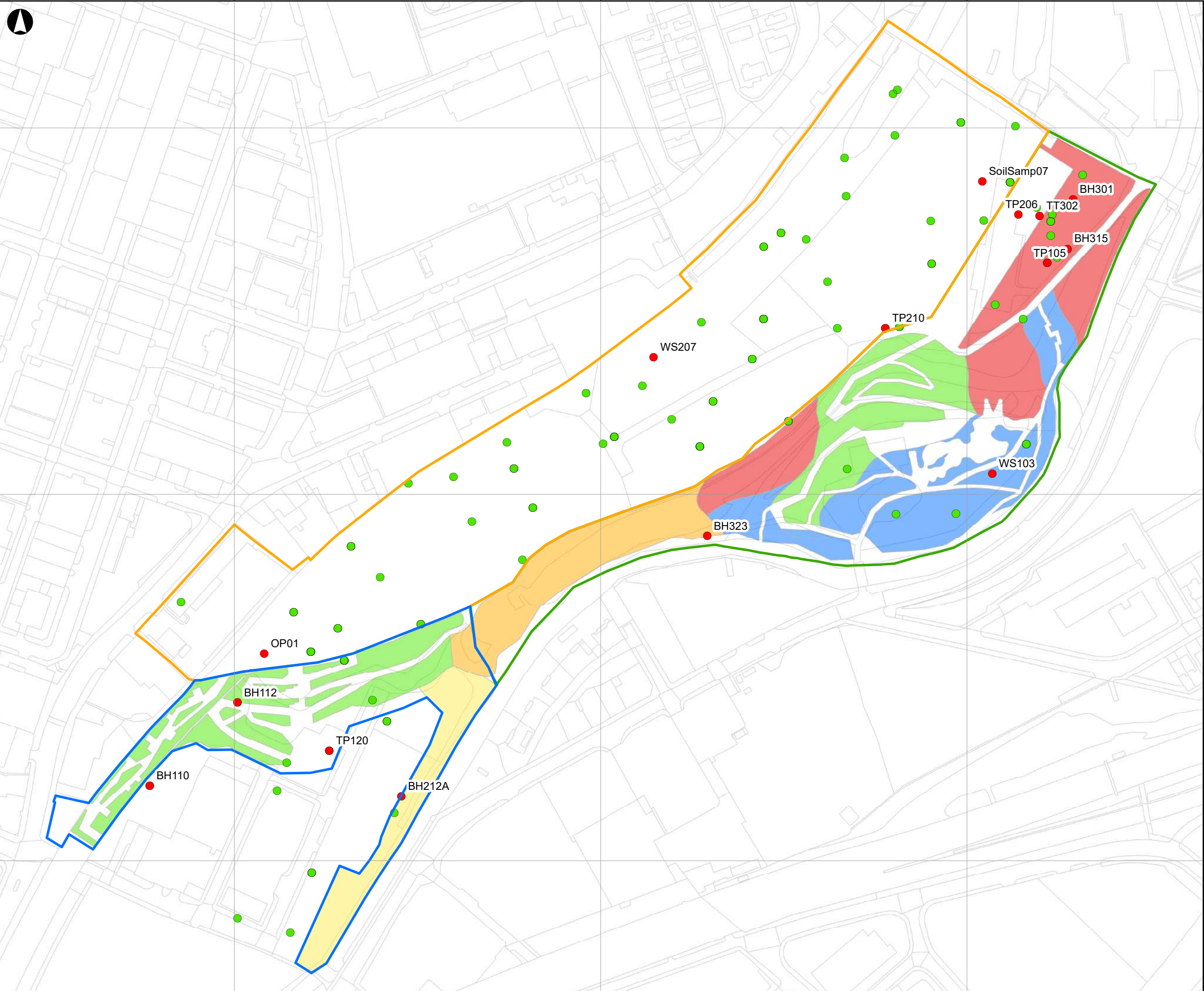
Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
**Human Health Assessment for Public
Open Space with Clean Cover System**

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
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Name Drawing 21	Rev P1
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Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

Asbestos identification

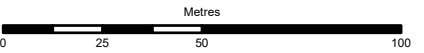
- Asbestos detected
- Asbestos not detected

Clean cover system

- As existing
- Hardstanding
- 300mm topsoil
- 300mm topsoil and 300mm subsoil
- 100mm topsoil

P1	2022-11-21	LH	LH	LH
----	------------	----	----	----

Issue	Date	By	Chkd	Appd
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Client
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Project Title
Victoria North
This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
**Identification of Asbestos in Soil Samples
with Clean Cover System**

Scale at A3
1:1,900

Arup Job No 282022-00	Suitability Issue
---------------------------------	-----------------------------

Name Drawing 22	Rev P1
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