

Appendix A

A3 Format Figures

A3

A

B

C

D

E

F

G

1

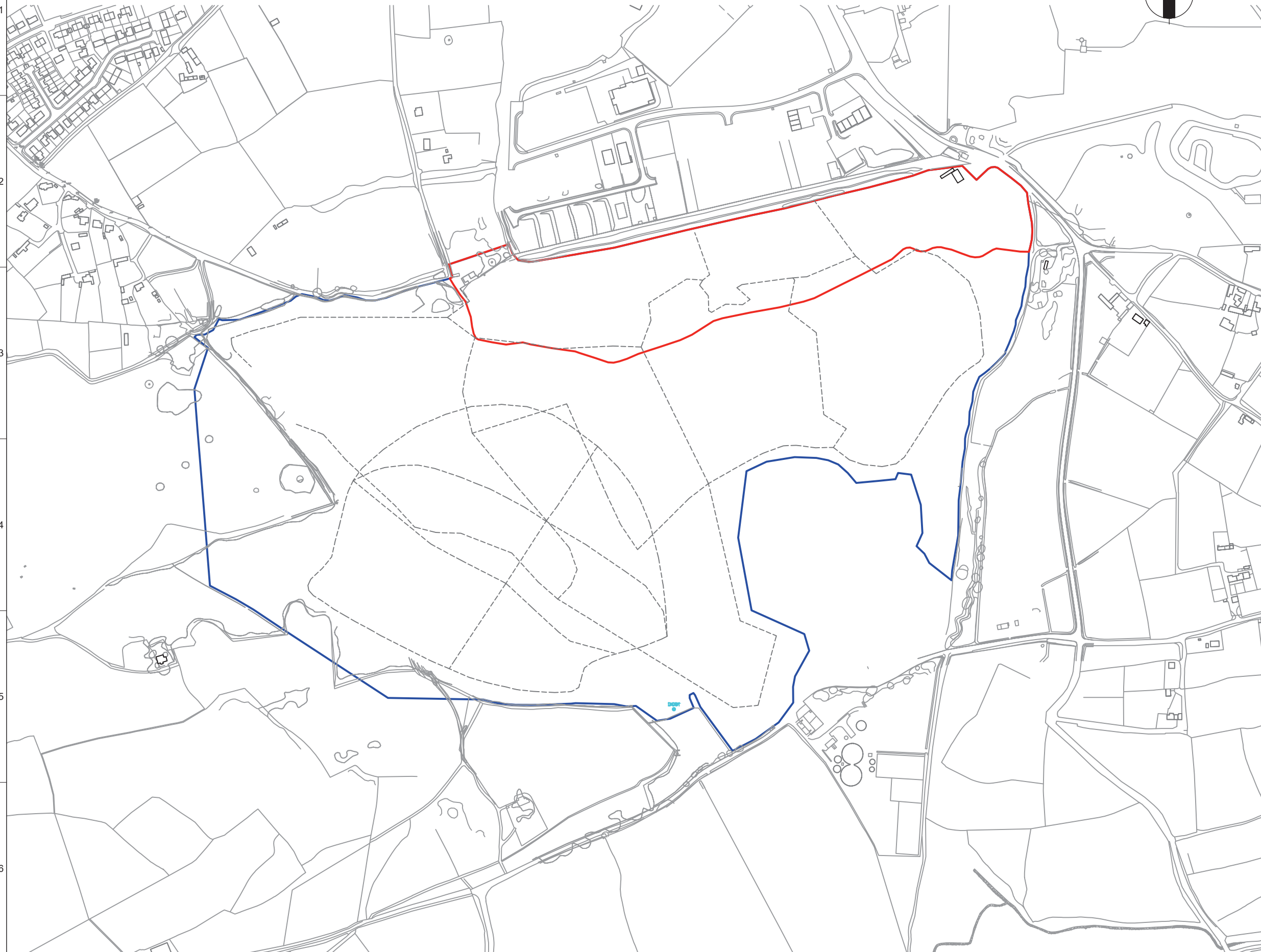
2

3

4

5

6



Notes:

- 1. Do Not Scale this drawing.

Legend:

- Site Boundary
- United Downs Landfill Boundary
- - - - Landfill Cells

01	XX/10/19	BM	GW	LW
For Information				
Rev	Date	By	Chkd	Appd

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 www.arup.com

Client
Sartorial Spirits Limited

Project Title
A-Dhann Geothermal Distillery

Drawing Title
**Site Location within
 United Mines Landfill**

Scale at A3 1:5000

Role Geotechnical

Suitability S2 - For Information

Arup Job No 270838-00	Rev 01
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Name
Figure A 1

A3

A B C D E F G

1

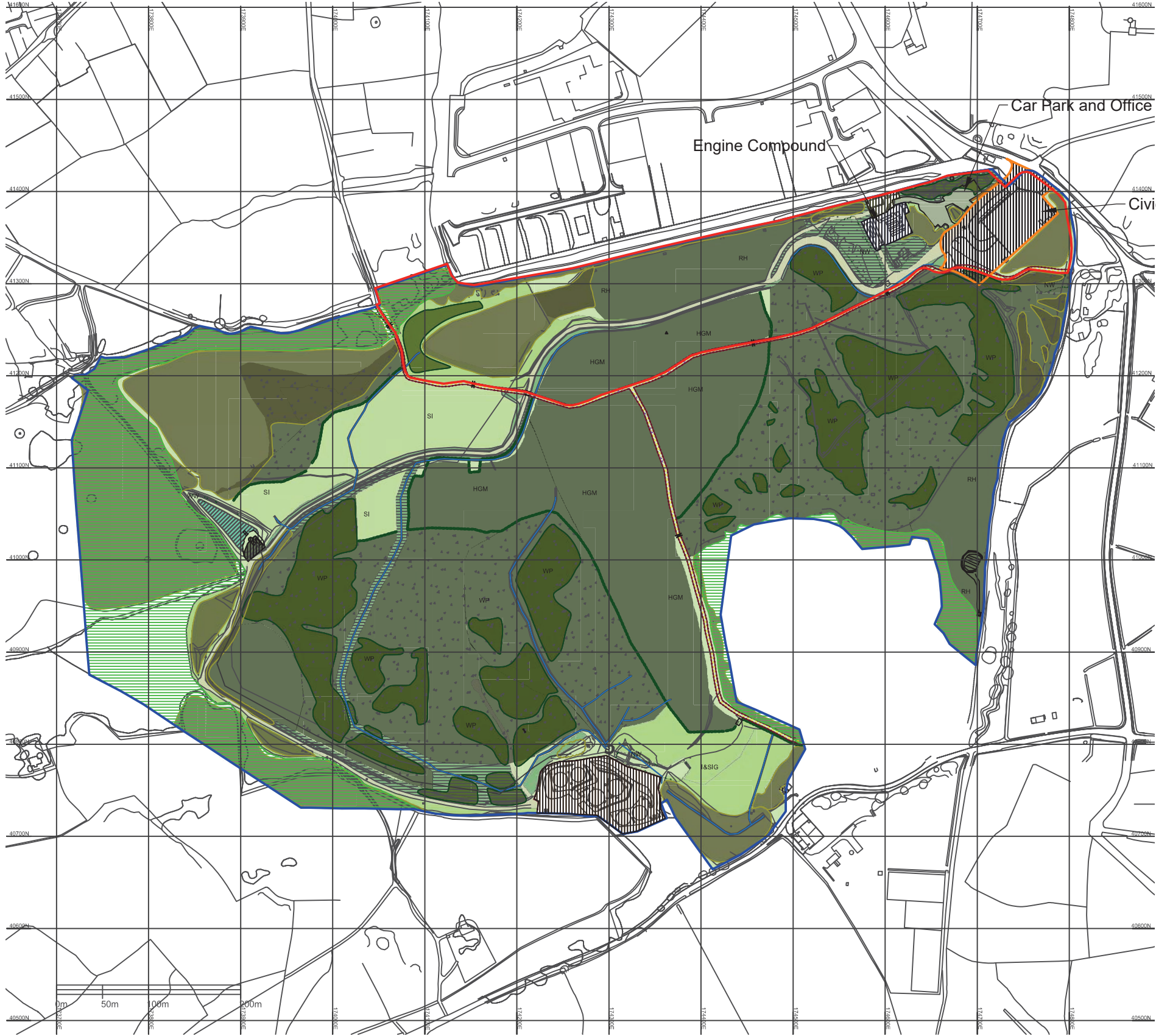
2

3





















4

5

6



Legend:

-  Site Boundary
-  United Downs Landfill Boundary
-  The Planning Boundary applicable to the Civic Amenity site (Reference PA14/08286)
-  Area of existing landscape undisturbed by landfill and for which no further restoration work or maintenance is proposed
-  Existing access track comprising sealed surface near entrance and loose surface within site, to be retained as existing to provide access to Leachate Treatment Compound as well as for general purpose site maintenance
-  Bridleways to be re-instated with gate locations shown
-  Route of bridleways from 2002 Order with temporary fencing to be removed following aftercare.
-  Principal areas of existing woodland and mature scrub to be retained as part of the final restoration scheme
-  I&SIG Existing grassland comprising semi improved and improved types and retained as part of the final restoration scheme, (including peripheral areas of existing woodland)
-  Alignment of existing surface water drainage ditches comprising either concrete lining or geo-textile lining and to be retained as part of the restoration scheme
-  Alignment of underground HDPE 300mm pipe linked to pumping station
-  RH Existing areas of restored heathland to be retained
-  Areas proposed for semi-improved grassland
-  HGM Areas proposed for restoration to heathland and unimproved grassland mosaic
-  NW Areas proposed for woodland planting using mixed native broadleaf species
-  WP Areas proposed for native broadleaf woodland and pasture
-  WW Areas proposed for native willow planting (on edge of Sparry Lane surface water pond)
-  SI Areas proposed for semi-improved agricultural grassland (grazing areas to be fenced as required)
-  Proposed field hedgerows comprising native shrub plant species
-  Infrastructure compounds excluded from restoration masterplan proposals

Notes:

1. Do Not Scale this drawing.

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Client
Sartorial Spirits Limited

Project Title
A-Dhann Geothermal Distillery

Drawing Title
Current Land Use

Scale at A3 1:5000

Role
 Geotechnical

Suitability
 S2 - For Information

Arup Job No
270838-00

Rev
01

Name
Figure A 2

A3 A B C D E F G

1

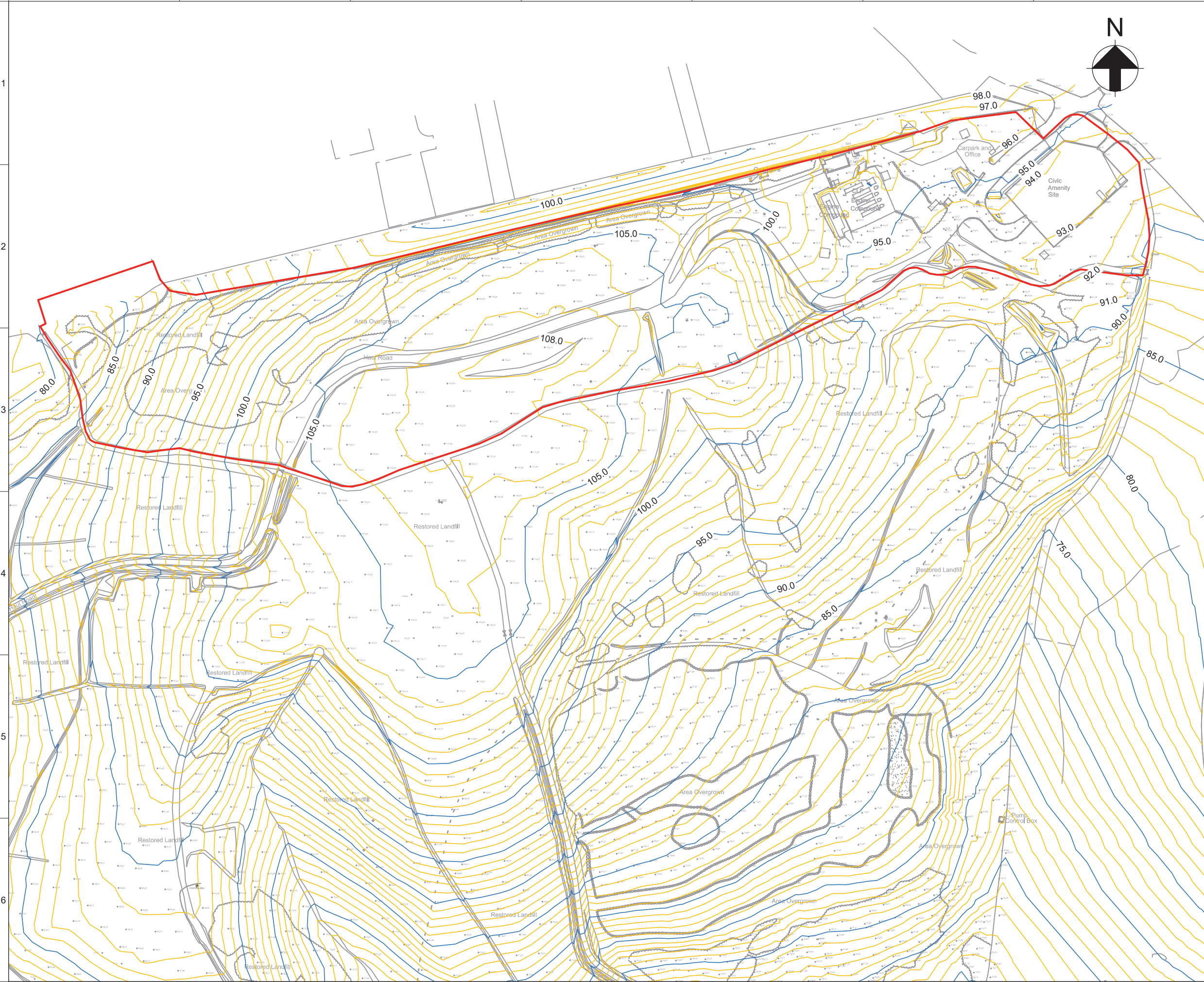
2

3

4

5

6



Notes:

1. Do Not Scale this drawing.
2. All levels are in metres above Ordnance Datum.

Legend:

- Site Boundary
- Major Contour - 5m intervals
- Minor Contour - 1m intervals

01	XX/10/19	BM	GW	LW
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Client
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Project Title
A-Dhann Geothermal Distillery

Drawing Title
Site Topography

Scale at A3
1:2500

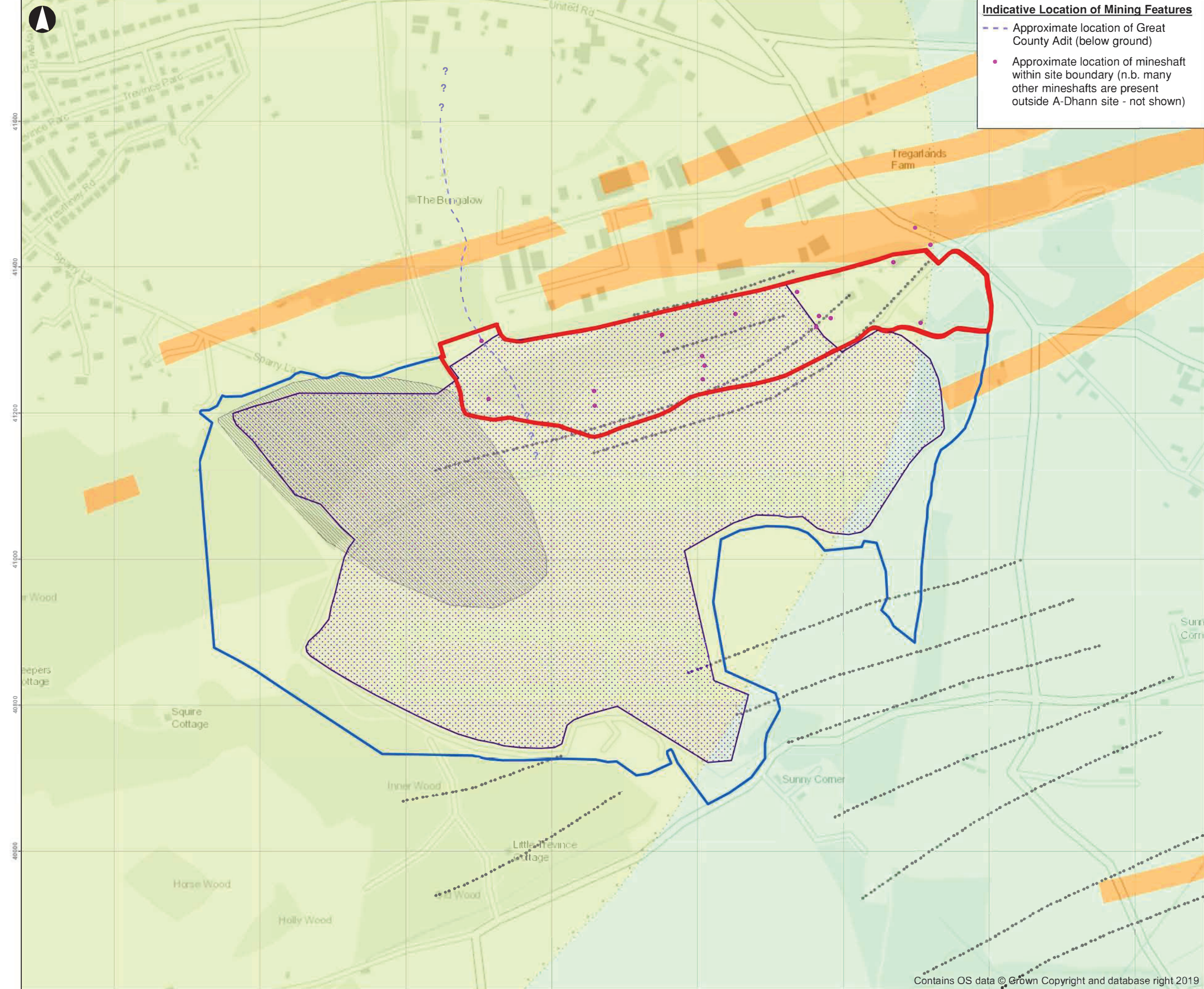
Role
Geotechnical

Suitability
S2 - For Information

Arup Job No
270838-00

Rev
01

Name
Figure A 3



Indicative Location of Mining Features

- - - Approximate location of Great County Adit (below ground)
- Approximate location of mineshaft within site boundary (n.b. many other mineshafts are present outside A-Dhann site - not shown)

- Site Boundary
- United Downs Landfill Site

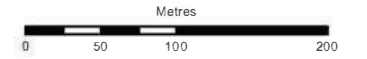
BGS 1:50,000 Digital Geology

- Mylor Slate Formation - Slate and Siltstone
- Mylor Slate Formation - Hornfelsed Slate and Hornfelsed Siltstone
- Felsite Dyke
- Made Ground
- Margin of contact metamorphic aureole
- Mineral Vein (inferred)

(n.b. Whilst not shown on the published geology maps, made ground is understood to be present across the full extent of the United Downs Landfill Site)

Recorded Extent of Landfill Cells

Coordinate System: British National Grid



Rev	Date	By	Chkd	Appd
0	31-10-19	GRW	LW	CM

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Client
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Project Title
A-Dhann Geothermal Distillery

Drawing Title
Site Geology

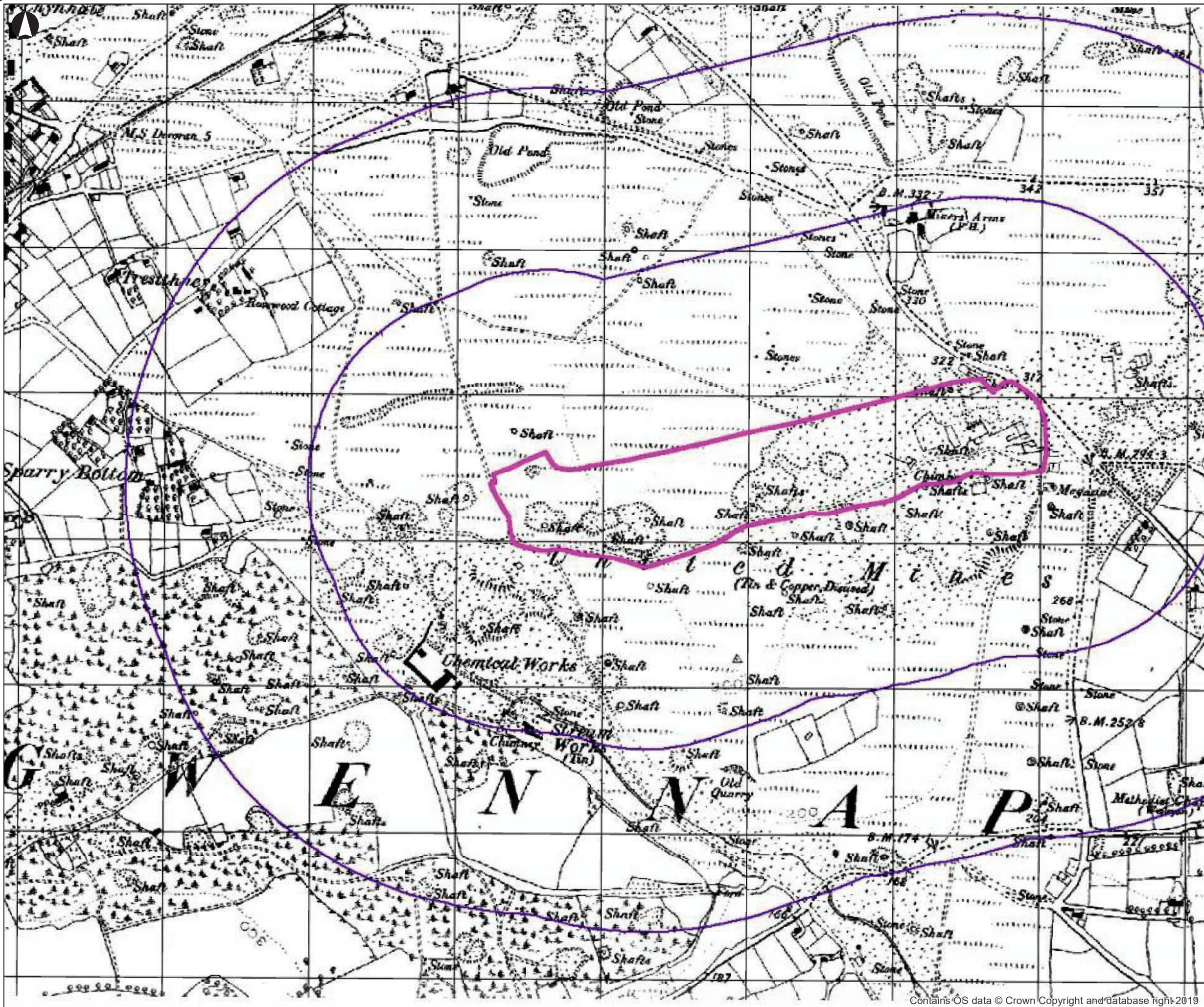
Scale at A3
1:5,000

Role
Geotechnical

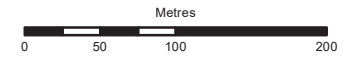
Suitability
S2 - For Information

Arup Job No 270838-00	Rev 0
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Name
Figure A 4



Coordinate System: British National Grid



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Client
Sartorial Spirits Limited

Project Title
A-Dhann Geothermal Distillery

Drawing Title
**Site History
 1888**

Scale at A3
1:5,000

Role

Geotechnical

Suitability

S2 - For Information

Arup Job No
270838-00

Rev
01

Name
Figure A 5a