28 June 2023 IE23/012/Asbestos Delineation

Mr Dan Jarrold Threshing Barn Westerfield **Ipswich** IP6 9AA

Dear Dan,

Re: Asbestos Delineation – Wood Hall, Saxstead

JPC Environmental Services were appointed by Peter Wells Architects, on behalf of our mutual client, Mr Dan Jarrold, to undertake a ground investigation to delineate asbestos contaminated soils at Wood Hall, Saxstead. The architect's proposed layout for the development is included within Appendix A.

## **Background Information**

Our Stage I/ Tier II Ground Investigation Report (report ref. IE22/048/SITII Rev. 00, dated 15<sup>th</sup> September 2022) encountered asbestos at <0.001% at WS02 within shallow soils. It was recommended that a supplementary ground investigation surrounding WS02 was undertaken to determine if any other asbestos contamination was present.

#### **Fieldwork**

An intrusive investigation was supervised by Dan Fowles of JPC Environmental Services on the 13<sup>th</sup> June 2023. Site photographs taken during the ground investigation are presented in Appendix B. The fieldwork comprised 8 no. machine excavated trial pits, referenced TP101 to TP108, to a maximum depth of 1.60mbgl. The trial pit locations are presented within Appendix C, together with the associated logs.

Recovered soil samples, taken from the initial deposits of Made Ground and the underlying natural strata, were placed in laboratory supplied sealed glass jars and plastic containers prior to being stored in cool boxes during transit to the laboratory.

## **Encountered Ground Conditions**

A concrete slab was encountered in all locations ranging in thickness from 150mm to 200mm. Made Ground was encountered in all trial pits underlying the concrete, broadly comprising a slightly gravelly sandy clay. The gravel fraction was often subrounded fine to medium concrete, brick and flint. Cobbles of these materials were sometimes present. The Made Ground was proved to depths ranging from 0.40mbgl to 0.50mbgl.

Natural superficial deposits of the Lowestoft Formation were encountered directly underneath the Made Ground. Initially comprising either a sand or sandy clay, the stratum became a stiff gravelly clay with depth. The gravels at depth comprised subrounded to rounded fine to medium chalk and flint, with cobbles of flint also being present. All trial pits were completed within this stratum.

















28 June 2023 IE23/012/Asbestos Delineation



Groundwater was encountered towards the base of TP101 at 1.55mbgl, TP103 at 1.30mbgl, TP106 at 1.15mbgl TP107 at 1.05mbgl and TP108 at 1.05mbgl.

## **Laboratory Results**

A total of 16 no. soil samples, retrieved from trial pits TP101 to TP108 at various depths, were submitted for asbestos identification testing. The samples were submitted to Eurofins Chemtest who are UKAS accredited laboratory in accordance with ISO17025 and are also MCERTS accredited for soil analysis in accordance with the Environment Agency's scheme. The laboratory carries out Quality Assurance and Quality Control in accordance with BS ISO 17025 and participate in external laboratory comparison and quality control schemes. Details of the accreditation and the methods of analysis are provided on the relevant test reports contained in **Appendix D**.

No asbestos was identified in any sample.

## **Conclusions**

Data collected from both investigations suggest the positive asbestos identification within WS02 is an isolated incident at this site. As the concentration is <0.001%, below the limits of detection, the risk to human health is considered low. Any waste soils would likely be classed as non-hazardous soils.

## Recommendations

We recommend a watching brief is maintained on site, particularly during the groundwork stage. During any ground works an appraisal of the exposed soils should be made by a competent person, this as an example could be the site manager. If any material is noted to show visual and/or olfactory signs of contamination it should be stockpiled separately and tested prior to its appropriate removal off-site or re-use. If soils suspected of being contaminated are encountered, it is recommended that a contaminated land specialist is consulted.

Kind regards,

## A J Steele BSc (Hons) MSc MIEnvSc

Associate

On behalf of JPC Environmental Services, A division of J P Chick & Partners Ltd

## adam.steele@chick.co.uk

Enc. Appendices:

**Appendix A:** Architect's Layout Plan **Appendix B:** Site Photographs

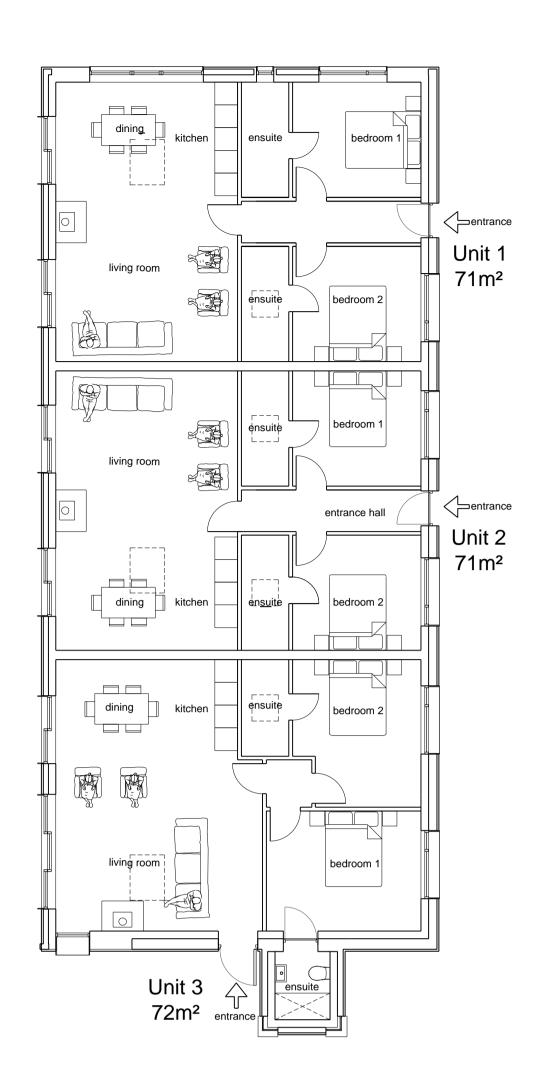
**Appendix C:** Exploratory Hole Information

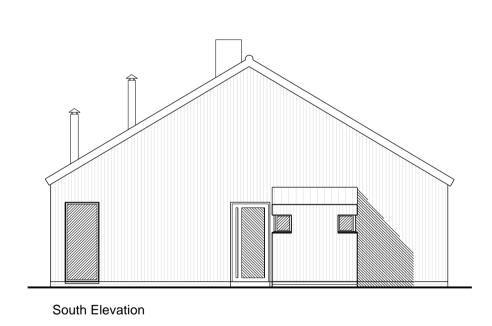
**Appendix D:** Laboratory Results



Appendix A – Architect's Layout Plan

Asbestos Delineation Letter Report – Produced by JPC Environmental Services For:  $\operatorname{Mr} \operatorname{D} \operatorname{Jarrold}$ 

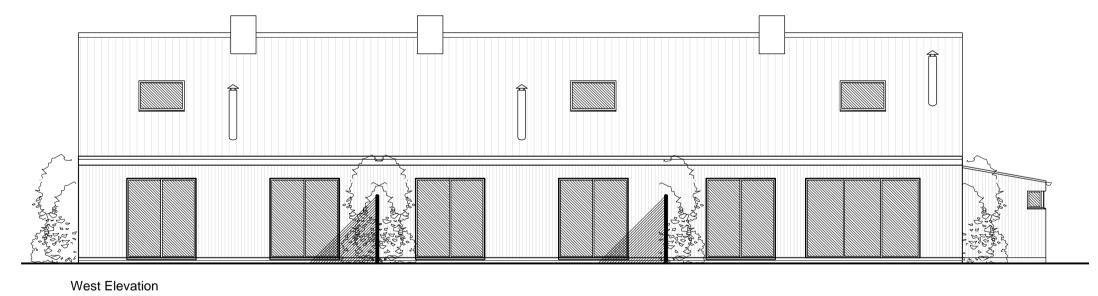


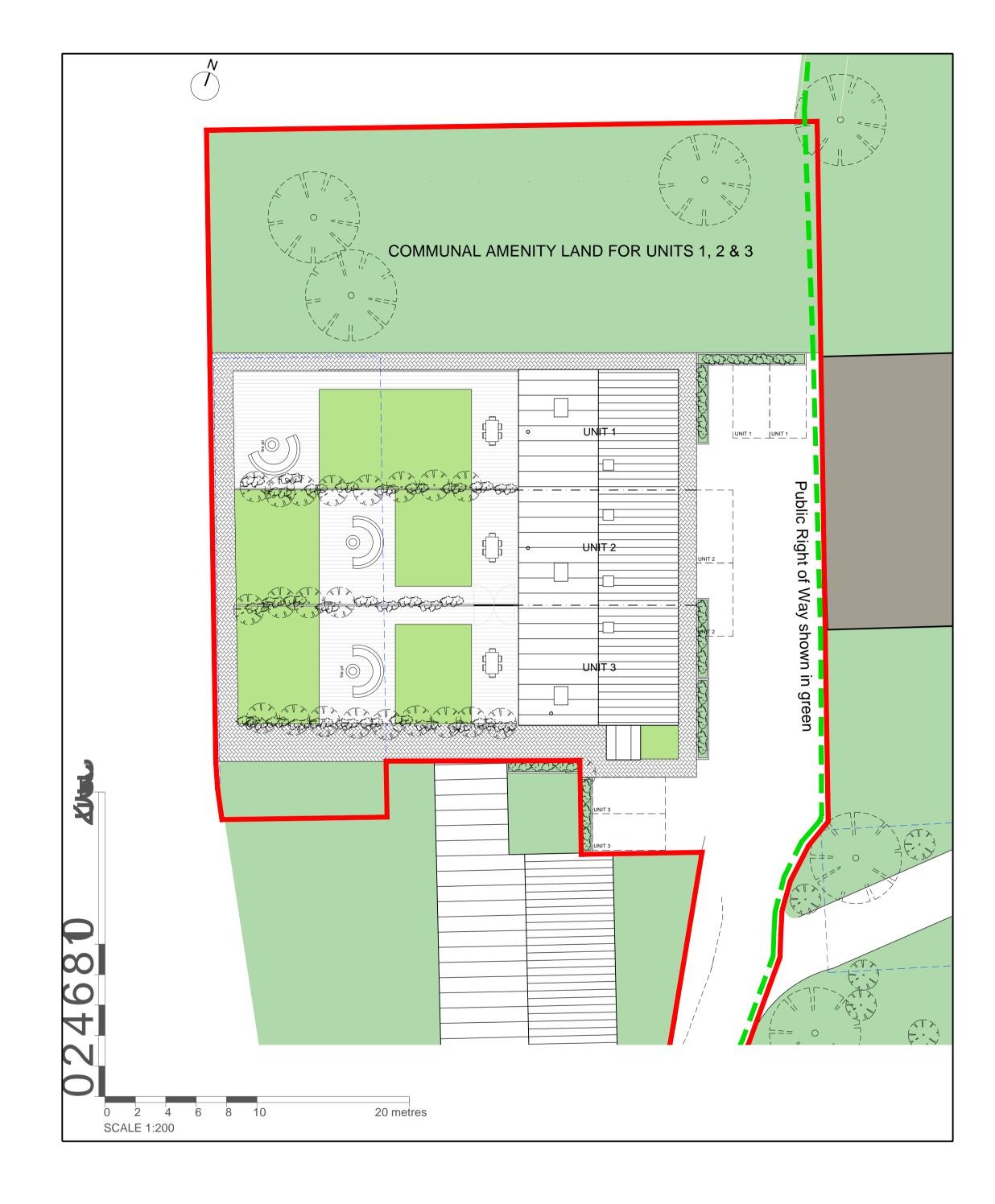


10 metres

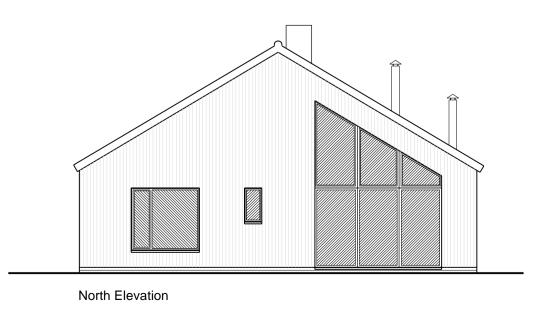
0 1 2 3 4 5

SCALE 1:100





# East Elevation



# PROPOSED MATERIALS:

Walls: Corrugated metal sheets.
Roof: Corrugated metal sheets.
Windows: PPC aluminium frames and reveals. Colour - Anthracite.
Doors: PPC aluminium. Colour - Anthracite.





# Appendix B – Site Photographs

Asbestos Delineation Letter Report – Produced by JPC Environmental Services For:  $\operatorname{Mr} \operatorname{D} \operatorname{Jarrold}$ 



Figure 1: View of TP101.



Figure 2: Encountered conditions in TP102.



Figure 3: View of TP103.



Figure 4: View of TP104.



Figure 5: Encountered conditions in TP105.



Figure 6: Encountered conditions in TP106.



Figure 7: Encountered conditions in TP107.



Figure 8: Encountered conditions in TP108.



Appendix C – Exploratory Hole Information

Asbestos Delineation Letter Report – Produced by JPC Environmental Services For:  $\operatorname{Mr} \operatorname{D} \operatorname{Jarrold}$ 





| Project      |                        |                       |                                 | BOREHOLE No |
|--------------|------------------------|-----------------------|---------------------------------|-------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                                 | TD101       |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | ─ TP101     |
| IE23/012     | 13-06-23               | 49.00                 | E 626,477.0 N 264,946.0         |             |
| Contractor   |                        |                       |                                 | Sheet       |
| Digger Stuff | Limited                |                       |                                 | 1 of 1      |

|        |            | ССТС           |          |         |  |                            | CTD AT A  |         | ± -                     |
|--------|------------|----------------|----------|---------|--|----------------------------|---|---------|-------------------------|
| SAMPLE |            |                | Water    | Reduced | <del>                                     </del> | Denth                      | STRATA  | ogy     | ımer<br>fill            |
| Depth  | Type<br>No | Test<br>Result | Wa       | Level   | Legend   | Depth<br>(Thick-<br>ness)  | DESCRIPTION   | Geology | Instrument<br>/Backfill |
| _      |            |                |          | 48.85   |  | (0.15)<br>0.15             | CONCRETE.   |         |                         |
| 0.30   | ES1        |                |          | 48.55   |  | - (0.30)<br>- 0.45         | MADE GROUND: Firm brown slightly gravelly sandy CLAY with a low cobble content. Gravel is subangular to subrounded fine to coarse flint and concrete. Cobbles are subangular to subrounded ceramic. |         |                         |
| 1.00   | ES2        |                |          | 47.90   |  | (0.65)<br>-<br>-<br>-<br>- | Firm orangish brown and light grey gravelly very sandy CLAY. Gravel is subangular to rounded fine to medium flint and chalk. (LOWESTOFT FORMATION)  |         |                         |
|        |            |                | <u>‡</u> | 47.40   |  | (0.50)                     | Stiff light grey mottled orangish brown gravelly CLAY. Gravel is subrounded to rounded fine to medium chalk. (LOWESTOFT FORMATION)  |         |                         |
|        |            |                |          |         |  | -                          |   |         |                         |

| - ASBESTOS DELINEATION (TP).GPJ GINT STD AGS 3_1.GDT 15/6/23 | -<br>-<br>-<br>-<br>-<br>-<br>-                            |           |          |       |        |               | -             |             |            |             |             |             |        |  |                        |   |
|--|--|-----------|----------|-------|--------|---------------|---------------|-------------|------------|-------------|-------------|-------------|--------|--|------------------------|---|
|  | D -  | uim o Du  | <u> </u> | - d W | oton O |               | _ '           |             |            | This allies |             | Water       | A ddad |  |                        | = |
| SAXSTEAD   |  | ring Prog |          |       |        |               | ONS<br>Water  | _           | Chiselling |             | Water Added |             | GENE   |  |                        |   |
|  | Date   | Time      | Deptl    |       | · 1    | ng<br>Dia. mm | Water<br>Dpt  | Fr          | om         | То          | Hours       | From        | То     | REMA   |                        |   |
| AGS3 UK BH IE23-012 - WOOD HALL,                             | 13-06-23   | 08.50     | 1.60     | ]     | N/A    |               | 1.55          |             |            |             |             |             |        | Trial Pit Length<br>Trial Pit Width:<br>Orientation: 075 | : 1.20m<br>0.90m<br>5° | 1 |
| AGS3 L   | All dimensions in metres Scale 1:18.75 Client Mr D Jarrold |           |          |       | rrold  |               | Meth<br>Plant | od/<br>Used | Hitachi    | i ZX26U-    | -6          | Logged By D | F      |  |                        |   |



| Project      |                        |                       |                                 | BOREHOLE No |
|--------------|------------------------|-----------------------|---------------------------------|-------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                                 | TP102       |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | 17102       |
| IE23/012     | 13-06-23               | 49.00                 | E 626,478.0 N 264,950           | 0.0         |
| Contractor   |                        |                       |                                 | Sheet       |
| Digger Stuff | Limited                |                       |                                 | 1 of 1      |

|                       | MPLES & TESTS STRATA |                |       |                  |          |                           |   |         | ŧ                       |
|-----------------------|----------------------|----------------|-------|------------------|----------|---------------------------|---|---------|-------------------------|
| SAMPLI                | ES & 1.              | ES15           | er    | <u></u>          |          | Dont                      | SIRAIA  | gg      | men<br>fill             |
| Depth                 | Type<br>No           | Test<br>Result | Water | Reduced<br>Level | Legend   | Depth<br>(Thick-<br>ness) | DESCRIPTION   | Geology | Instrument<br>/Backfill |
| _                     |                      |                |       | 48.80            |          | - (0.20)<br>0.20          | CONCRETE.   |         |                         |
| 0.35                  | ES1                  |                |       | 48.60            |          | - (0.20)<br>0.40          | MADE GROUND: Firm brown slightly gravelly sandy CLAY with a low cobble content. Gravel is subangular to subrounded fine to coarse flint and concrete. Cobbles are subangular to subrounded ceramic. |         |                         |
| -                     | LS1                  |                |       |                  |          | -                         | Firm orangish brown and light grey gravelly very sandy CLAY. Gravel is subangular to rounded fine to medium flint and chalk. (LOWESTOFT FORMATION)  |         |                         |
| _                     |                      |                |       |                  | -        | (0.45)                    |   |         |                         |
| _                     |                      |                |       | 48.15            | <br><br> | 0.85                      | Stiff light grey mottled orangish brown gravelly CLAY. Gravel is subrounded to rounded fine to medium chalk. (LOWESTOFT FORMATION)  |         |                         |
| 1.10                  | ES2                  |                |       |                  |          | (0.45)                    | (LOWESTOFT FORMATION)   |         |                         |
| -                     |                      |                |       | 47.70            |          | 1.30                      |   |         |                         |
| -                     |                      |                |       |                  |          | -                         |   |         |                         |
| _                     |                      |                |       |                  |          | -                         |   |         |                         |
| 2 -                   |                      |                |       |                  |          | -                         |   |         |                         |
|                       |                      |                |       |                  |          | -                         |   |         |                         |
|                       |                      |                |       |                  |          | -                         |   |         |                         |
|                       |                      |                |       |                  |          | -                         |   |         |                         |
|                       |                      |                |       |                  |          | -                         |   |         |                         |
| 1<br>2<br>2<br>1<br>1 |                      |                |       |                  |          | -                         |   |         |                         |
|                       |                      |                |       |                  |          |                           |   |         |                         |

| - ASBESTOS DELINEATION (TP).GPJ GINT STD AGS 3_1.GDT 15/6/23 | -<br>-<br>-<br>-<br>-<br>-                                 |           |       |       |        |               | -             |             |         |             |       |             |        |  |                        |   |
|--|--|-----------|-------|-------|--------|---------------|---------------|-------------|---------|-------------|-------|-------------|--------|--|------------------------|---|
|  | P -  | uim o Du  |       | - d W | oton O |               | _ '           |             |         | This allies |       | Water       | A ddad |  |                        | = |
| SAXSTEAD   |  | ring Prog |       |       |        |               | ONS<br>Water  | _           |         | Chiselling  |       |             | Added  | GENE   |                        |   |
|  | Date   | Time      | Deptl |       | · 1    | ng<br>Dia. mm | Water<br>Dpt  | Fr          | om      | То          | Hours | From        | То     | REMA   |                        |   |
| AGS3 UK BH IE23-012 - WOOD HALL,                             | 13-06-23   | 09.10     | 1.30  | ]     | N/A    |               | N/A           |             |         |             |       |             |        | Trial Pit Length<br>Trial Pit Width:<br>Orientation: 165 | : 1.20m<br>0.90m<br>5° | 1 |
| AGS3 L   | All dimensions in metres Scale 1:18.75 Client Mr D Jarrold |           |       |       | rrold  |               | Meth<br>Plant | od/<br>Used | Hitachi | i ZX26U-    | -6    | Logged By D | F      |  |                        |   |



| Project      |                        |                       |                                 | BOREHOLE No |
|--------------|------------------------|-----------------------|---------------------------------|-------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                                 | TD402       |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | — TP103     |
| IE23/012     | 13-06-23               | 49.00                 | E 626,476.0 N 264,949.0         |             |
| Contractor   |                        |                       |                                 | Sheet       |
| Digger Stuff | Limited                |                       |                                 | 1 of 1      |

|          | 2C 0- T   |         | 1        |                   |                                       |                  |           | STRA                         | Т 4          |                            |                                    |                                |         | Ħ          |
|----------|---|---------|----------|-------------------|---------------------------------------|------------------|-----------|------------------------------|--------------|----------------------------|------------------------------------|--------------------------------|---------|------------|
| SAMPLI   | T   | Test    | Water    | Reduced<br>Level  | T d                                   | Depth<br>(Thick- |           | SIKA                         |              | DIDTION                    |                                    |                                | Geology | Instrument |
| Depth    | Type<br>No                                      | Result  | 8        | Level             | Legend                                | (Thick-<br>ness) | CONCDI    | P/DE                         | DESC         | RIPTION                    |                                    |                                | Geo     | Inst       |
|          |   |         |          | 48.85             |                                       | (0.15)           | CONCRI    | ETE.                         |              |                            |                                    |                                |         | 经          |
|          |   |         |          |                   |                                       | -                | MADE C    | ROUND: Fi                    | rm brown a   | and dark gre               | ey slightly g                      | ravelly very<br>o coarse flint |         |            |
| 0.25     | ES1   |         |          |                   |                                       | (0.30)           | and brick |                              | io ododingai | ur to sucro                |                                    |                                |         |            |
|          |   |         |          | 48.55             |                                       | 0.45             | Onomoioh  | brown fine S                 | CAND         |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                | (LOWES    | TOFT FORM                    | MATION)      |                            |                                    |                                |         |            |
| 0.60     | ES2   |         |          |                   |                                       | (0.35)           |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          | 48.20             | · · · · · · · · · · · · · · · · · · · | 0.80             | Cricci, 1 |                              | 1 '11        |                            | II CLAY                            | C 1:                           |         |            |
|          |   |         |          |                   |                                       | -                | subround  | grey mottled<br>ed to rounde | d fine to me | orown grave<br>edium chalk | elly CLAY.<br>a.                   | Gravel is                      |         |            |
| -        |   |         |          |                   |                                       | -                | (LOWES    | TOFT FORM                    | MATION)      |                            |                                    |                                |         | Q C        |
|          |   |         |          |                   |                                       | (0.60)           |           |                              |              |                            |                                    |                                |         |            |
|          |   |         | <b>1</b> |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         | <u>*</u> | 47.60             |                                       | 1.40             |           |                              |              |                            |                                    |                                |         | 交          |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       |                  |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       | -                |           |                              |              |                            |                                    |                                |         |            |
| Bori     | ⊥<br>1σ Proσ                                    | ress an | d W      | ater Oh           | servatio                              | ons              |           | Chisellin                    | σ            | Water                      | Added                              | CENE                           | DAI     |            |
| Date     | Time  | Depth   |          | Casin<br>epth   I |                                       | Water<br>Dpt     | From      | То                           | Hours        | From                       | То                                 | GENE<br>REMA                   | RKS     |            |
| 13-06-23 |   |         |          |                   | 1.30                                  |                  |           |                              |              |                            | Trial Pit Lengtl                   | n: 1.40ı                       | n       |            |
|          |   |         |          |                   |                                       |                  |           |                              |              |                            | Trial Pit Width<br>Orientation: 16 | . 0.90n<br>5°                  | 1       |            |
|          |   |         |          |                   |                                       |                  |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       |                  |           |                              |              |                            |                                    |                                |         |            |
|          |   |         |          |                   |                                       |                  |           |                              |              |                            |                                    |                                |         |            |
|          | All dimensions in metres   Client   Mr D Jarrol |         |          |                   | rrold                                 |                  | thod/     | Hitach                       | i ZX26U      | <br>-6                     | Logged By I                        | DF                             |         |            |
| Scale    | Scale 1:18.75                                   |         |          |                   |                                       |                  | Pla       | nt Used                      |              |                            |                                    | 1                              |         |            |

| STEA                        | Во       | ring Prog | gress and | Water C      | bservatio        | ons          | (    | Chiselling | 90    | Water | Added | GENERAL  |
|-----------------------------|----------|-----------|-----------|--------------|------------------|--------------|------|------------|-------|-------|-------|--|
| SAXS                        | Date     | Time      | Depth     | Cas<br>Depth | ing<br>  Dia. mm | Water<br>Dpt | From | То         | Hours | From  | То    | REMARKS  |
| UK BH IE23-012 - WOOD HALL, | 13-06-23 | 09.30     | 1.40      | N/A          |                  | 1.30         |      |            |       |       |       | Trial Pit Length: 1.40m<br>Trial Pit Width: 0.90m<br>Orientation: 165° |
| ٦                           |          |           | - CI      |              |                  |              | 37.1 | • ,        |       |       |       | 1.0  |



| Project         |                        |                       |                                 | BOREHOLE No |
|-----------------|------------------------|-----------------------|---------------------------------|-------------|
| Wood Hall, Sax  | xstead - Asbestos Deli | neation               |                                 | TP104       |
| Job No          | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | 17104       |
| IE23/012        | 13-06-23               | 49.00                 | E 626,472.0 N 264,948.0         | )           |
| Contractor      | Sheet                  |                       |                                 |             |
| Digger Stuff Li | 1 of 1                 |                       |                                 |             |

|                            |            | Lilling        |       |                  |                                       |                           |   | 1       | 1                       |
|----------------------------|------------|----------------|-------|------------------|---------------------------------------|---------------------------|---|---------|-------------------------|
| SAMPLE                     | ES & T     | ESTS           | , H   | L                |                                       |                           | STRATA  | 250     | lent                    |
| Depth                      | Type<br>No | Test<br>Result | Water | Reduced<br>Level | Legend                                | Depth<br>(Thick-<br>ness) | DESCRIPTION   | Geology | Instrument<br>/Backfill |
| _                          |            |                |       | 48.85            | P P P P P P P P P P P P P P P P P P P | (0.15)<br>0.15            | CONCRETE.   |         |                         |
| 0.40                       | ES1        |                |       | 48.50            |                                       | (0.35)                    | MADE GROUND: Firm brown and dark grey slightly gravelly very sandy CLAY. Gravel is subangular to subrounded fine to coarse flint and brick. |         |                         |
| 0.70                       | ES2        |                |       | 10100            |                                       | -                         | Stiff light grey mottled orangish brown gravelly CLAY. Gravel is subrounded to rounded fine to medium chalk. (LOWESTOFT FORMATION)          |         |                         |
| 0.70                       | LS2        |                |       |                  | <br>                                  | - (0.80)                  |   |         |                         |
| -                          |            |                |       | 45.50            | <br> -<br> -<br> -<br> -<br> -        |                           |   |         |                         |
| -                          |            |                |       | 47.70            |                                       | 1.30                      |   |         | 500                     |
| -                          |            |                |       |                  |                                       | -                         |   |         |                         |
| 2000                       |            |                |       |                  |                                       | -                         |   |         |                         |
| 2                          |            |                |       |                  |                                       | -<br>-                    |   |         |                         |
| -<br>-                     |            |                |       |                  |                                       | -                         |   |         |                         |
| 25.(1)<br>10.(1)<br>10.(1) |            |                |       |                  |                                       | -                         |   |         |                         |
|                            |            |                |       |                  |                                       | -                         |   |         |                         |
| - Addition                 |            |                |       |                  |                                       | _                         |   |         |                         |

| - ASBESTOS DELINEATION (TP).GPJ GINT STD AGS 3_1.GDT 15/6/23 | -<br>-<br>-<br>-<br>-<br>-                                 |           |       |      |        |               | -             |             |                          |            |             |             |              |  |                        |   |
|--|--|-----------|-------|------|--------|---------------|---------------|-------------|--------------------------|------------|-------------|-------------|--------------|--|------------------------|---|
|  | P.o.   | ring Drag |       | nd W | oton O | 2000104       | _ '           |             |                          | Thisalling |             | Water       | Addad        |  |                        |   |
| SAXSTEAD   |  | ring Prog |       |      |        |               | Mater         |             | Chiselling From To Hours |            | Water Added |             | GENE<br>REMA |  |                        |   |
|  | Date   | Time      | Deptl |      | · 1    | ng<br>Dia. mm | Water<br>Dpt  | Fr          | om                       | То         | Hours       | From        | То           |  |                        |   |
| AGS3 UK BH IE23-012 - WOOD HALL,                             | 13-06-23   | 09.50     | 1.30  | ]    | N/A    |               | N/A           |             |                          |            |             |             |              | Trial Pit Length<br>Trial Pit Width:<br>Orientation: 165 | : 1.25m<br>0.90m<br>5° | 1 |
| AGS3 L   | All dimensions in metres Scale 1:18.75 Client Mr D Jarrold |           |       |      | rrold  |               | Meth<br>Plant | od/<br>Used | Hitachi                  | i ZX26U-   | -6          | Logged By D | F            |  |                        |   |



| Project      |                        |                       |                                 | BOREHOLE No    |
|--------------|------------------------|-----------------------|---------------------------------|----------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                                 | TD405          |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | <b>─</b> TP105 |
| IE23/012     | 13-06-23               | 49.00                 | E 626,470.0 N 264,953.0         |                |
| Contractor   | Sheet                  |                       |                                 |                |
| Digger Stuff | 1 of 1                 |                       |                                 |                |

|       | SAMPLES & TESTS |                |       |                  | FS & TESTS STRATA              |                           |  |         |   |  |  |  | Instrument |
|-------|-----------------|----------------|-------|------------------|--------------------------------|---------------------------|--|---------|---|--|--|--|------------|
| Depth | Type<br>No      | Test<br>Result | Water | Reduced<br>Level | Legend                         | Depth<br>(Thick-<br>ness) | DESCRIPTION  | Geology | Instrument  |  |  |  |            |
|       |                 |                |       | 48.80            |                                | - (0.20)<br>0.20          | CONCRETE.  |         |   |  |  |  |            |
| 0.30  | ES1             |                |       | 48.55            |                                | (0.25)                    | MADE GROUND: Firm brown and dark grey slightly gravelly very sandy CLAY with a medium cobble content. Gravel is subangular to subrounded fine to coarse flint brick and concrete. Cobbles are subangular to subrounded brick and concrete. |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | (0.35)                    | Firm brown sandy CLAY. (LOWESTOFT FORMATION)   |         |   |  |  |  |            |
|       |                 |                |       | 48.20            |                                | 0.80                      |  |         |   |  |  |  |            |
| _     |                 |                |       | 10.20            | <br> -<br> -<br> -<br> -<br> - | -(0.40)                   | Stiff light grey mottled orangish brown gravelly CLAY with a low cobble content. Gravel is subrounded to rounded fine to medium chalk and flint. Cobbles are subrounded to rounded flint. (LOWESTOFT FORMATION)                            |         | 2555<br>2555<br>2555<br>2555<br>2555<br>2555<br>2555<br>255 |  |  |  |            |
| 1.00  | ES2             |                |       | 47.80            |                                | 1.20                      | (  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
| -     |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                | -                         |  |         |   |  |  |  |            |
|       |                 |                |       |                  |                                |                           |  |         |   |  |  |  |            |

| - ASBESTOS DELINEATION (TP).GPJ GINT STD AGS 3_1.GDT 15/6/23 | -  |           |      |     |               |               |               |             |        |            |               |             |       |  |                        |   |
|--|--|-----------|------|-----|---------------|---------------|---------------|-------------|--------|------------|---------------|-------------|-------|--|------------------------|---|
|  | <u>-</u>   |           |      |     |               |               |               | II.         |        |            |               |             | 1     |  | I                      |   |
| SAXSTEAD   | Во   | ring Prog |      |     |               |               | ons           |             | (      | Chiselling | g Water Added |             | Added | GENE   |                        |   |
| SAX  | Date   | Time      | Dept | h D | Cası<br>Depth | ng<br>Dia. mm | Water<br>Dpt  | Fr          | om     | То         | Hours         | From        | То    | REMA   | RKS                    |   |
| AGS3 UK BH IE23-012 - WOOD HALL,                             | 13-06-23   | 10.10     | 1.20 |     | N/A           |               | N/A           |             |        |            |               |             |       | Trial Pit Length<br>Trial Pit Width:<br>Orientation: 16: | : 1.15m<br>0.90m<br>5° | 1 |
| AGS3   | All dimensions in metres Scale 1:18.75 Client Mr D Jarrold |           |      |     | rrold         |               | Meth<br>Plant | od/<br>Used | Hitach | i ZX26U-   | -6            | Logged By D | F     |  |                        |   |



| Project        |                        |                       |                      |             | BOREHOLE No |
|----------------|------------------------|-----------------------|----------------------|-------------|-------------|
| Wood Hall, Sa  | axstead - Asbestos Del | ineation              |                      |             | TP106       |
| Job No         | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Eastin | g/Northing) | 17100       |
| IE23/012       | 13-06-23               | 49.00                 | E 626,471.0          | N 264,957.0 |             |
| Contractor     | Sheet                  |                       |                      |             |             |
| Digger Stuff L | 1 of 1                 |                       |                      |             |             |

|        | er Star    |               | 100      |                  |               |                           |  |           |            |
|--------|------------|---------------|----------|------------------|---------------|---------------------------|--|-----------|------------|
| SAMPLE | S & T      | ESTS          | _ e      | <u> </u>         | .             | <del></del>               | STRATA   | g         | Instrument |
| Depth  | Type<br>No | Test<br>Resul | Water    | Reduced<br>Level | Legend        | Depth<br>(Thick-<br>ness) | DESCRIPTION  | Geology   | Instrument |
|        |            |               |          | 40.07            |               | (0.15)                    | CONCRETE.  |           |            |
| 0.40   | ES1        |               |          | 48.85            |               | (0.35)                    | MADE GROUND: Firm brown and dark grey slightly gravelly very sandy CLAY with a medium cobble content. Gravel is subangular to subrounded fine to coarse flint brick and concrete. Cobbles are subangular to subrounded brick and concrete.  Firm brown sandy CLAY. |           |            |
|        |            |               |          |                  | <u> </u>      | . (0.50)                  | (LOWESTOFT FORMATION)  |           | 2000       |
| 0.80   | ES2        |               |          |                  |               | (0.50)                    |  |           |            |
| -      |            |               |          | 48.00            | ) <del></del> | 1.00                      | Stiff light grey mottled orangish brown grayelly CLAY with a low   |           |            |
|        |            |               | <u>‡</u> | 47.80            |               | (0.20)                    | Stiff light grey mottled orangish brown gravelly CLAY with a low cobble content. Gravel is subrounded to rounded fine to medium chalk and flint. Cobbles are subrounded to rounded flint. (LOWESTOFT FORMATION)  |           |            |
| Borin  | g Prog     | ress a        | nd W     | ater Ob          | oservatio     |                           | Chiselling Water Added GEN   | ERAL      |            |
|        | Гіте       | Depth         | 1 Г      | Casii            | ng<br>Dia. mm | Water<br>Dpt              |  | ARKS      |            |
| Date 7 | IIIIC      |               |          | cpui .           | ν1α. 11IIII   |                           | Trial Pit Leng   | th: 1 30: |            |
|        | 0.30       | 1.20          |          | N/A              |               | 1.15                      | Trial Pit Widt<br>Orientation: 1   | h: 0.90n  | m<br>n     |

| SAXSTEA                     | Bo       | ring Prog | gress and | Water O      | bservatio      | ons          | Chiselling |     |       | Water | Added | GENERAL  |
|-----------------------------|----------|-----------|-----------|--------------|----------------|--------------|------------|-----|-------|-------|-------|--|
| SAXS                        | Date     | Time      | Depth     | Cas<br>Depth | ing<br>Dia. mm | Water<br>Dpt | From       | То  | Hours | From  | То    | REMARKS  |
| UK BH IE23-012 - WOOD HALL, | 13-06-23 | 10.30     | 1.20      | N/A          |                | 1.15         |            |     |       |       |       | Trial Pit Length: 1.30m<br>Trial Pit Width: 0.90m<br>Orientation: 165° |
| ا ت                         |          |           |           |              |                |              | 126.1      | • . |       |       |       | 1 15   |



| Project      |                        |                       |                           | BOREHOLE No |
|--------------|------------------------|-----------------------|---------------------------|-------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                           | TP107       |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Nor | rthing)     |
| IE23/012     | 13-06-23               | 49.00                 | E 626,474.0 N 2           | 64,959.0    |
| Contractor   |                        |                       |                           | Sheet       |
| Digger Stuff | 1 of 1                 |                       |                           |             |

| SAMPLI        | ES & T     |                |         |                  | STRATA                                |                           |   |                                    |   |   |   |                     | ent          |
|---------------|------------|----------------|---------|------------------|---------------------------------------|---------------------------|---|------------------------------------|---|---|---|---------------------|--------------|
| Depth         | Type<br>No | Test<br>Result | Water   | Reduced<br>Level | Legend                                | Depth<br>(Thick-<br>ness) |   |                                    | RIPTION                                     |   |   | Geology             | Instrument   |
|               |            |                |         | 48.80            |                                       | - (0.20)<br>0.20          | CONCRETE.   |                                    |   |   |   |                     |              |
| 0.30          | ES1        |                |         | 48.55            |                                       | (0.25)                    | MADE GROUND<br>Gravel is subround                                       | e: Firm dark gr<br>led fine to med | ey slightly g<br>lium concre                | ravelly sand<br>te and flint.           | ly CLAY.  |                     |              |
| 0.60          | ES2        |                |         | 40.50            | , , , , , , , , , , , , , , , , , , , | -                         | Firm brown SANI<br>(LOWESTOFT FO  | O.<br>ORMATION)                    |   |   |   |                     | NO. OF LOCAL |
| 0.00          | 1.52       |                |         |                  |                                       | (0.45)                    |   |                                    |   |   |   |                     |              |
|               |            |                | <u></u> | 48.10            |                                       | 0.90<br>-(0.20)<br>1.10   | Stiff light grey mo cobble content. Gr and flint. Cobbles (LOWESTOFT FO | are subrounde                      | brown grave<br>nded to rour<br>d to rounded | elly CLAY on the ded fine to ded flint. | with a low<br>medium chalk                            |                     | 20000        |
|               |            |                |         |                  |                                       | -                         | (LOWESTOTTT)  | JKWATIOIV)                         |   |   | /   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       | -                         |   |                                    |   |   |   |                     |              |
|               |            |                |         |                  |                                       |                           | 11  |                                    | 1   |   |   |                     |              |
|               | Ť          |                |         |                  | servatio                              | ONS<br>Water              | Chisel  | T T                                |   | Added                                   | GENE  |                     |              |
| Date 13-06-23 | Time 10.50 | Depth          |         | vepth 1          | ng<br>Dia. mm                         | Water<br>Dpt<br>1.05      | From To   | Hours                              | From  | То                                      | REMA Trial Pit Lengtl Trial Pit Width Orientation: 16 | ı: 1.20ı<br>: 0.90n | m            |
|               |            |                |         |                  |                                       |                           |   |                                    |   |   |   |                     |              |
|               | ions in m  |                | Client  |                  | Mr D Ja                               | _                         | Method/   |                                    |   |   | Logged By   |                     | _            |

| SAXSTEA                     | Box      | ring Prog | ress and | Water O      | bservatio      | ons          | Chiselling |    |       | Water | Added | GENERAL  |
|-----------------------------|----------|-----------|----------|--------------|----------------|--------------|------------|----|-------|-------|-------|--|
| SAXS                        | Date     | Time      | Depth    | Cas<br>Depth | ing<br>Dia. mm | Water<br>Dpt | From       | То | Hours | From  | То    | REMARKS  |
| UK BH IE23-012 - WOOD HALL, | 13-06-23 | 10.50     | 1.10     | N/A          |                | 1.05         |            |    |       |       |       | Trial Pit Length: 1.20m<br>Trial Pit Width: 0.90m<br>Orientation: 165° |
| ٦١                          |          |           |          |              |                |              | 136.1      |    |       |       |       |  |



| Project      |                        |                       |                                 | BOREHOLE No |
|--------------|------------------------|-----------------------|---------------------------------|-------------|
| Wood Hall, S | Saxstead - Asbestos De | lineation             |                                 | TD400       |
| Job No       | Date 13-06-23          | Ground Level (m mAOD) | Co-Ordinates (Easting/Northing) | ─ TP108     |
| IE23/012     | 13-06-23               | 49.00                 | E 626,471.0 N 264,962.0         |             |
| Contractor   |                        |                       |                                 | Sheet       |
| Digger Stuff | 1 of 1                 |                       |                                 |             |

| _      | ger Star   |                | -        |                  |        |                           | 1   | +       |                         |
|--------|------------|----------------|----------|------------------|--------|---------------------------|---|---------|-------------------------|
| SAMPLI | ES & T     | ESTS           | ۲,       |                  | 1      |                           | STRATA  | 56      | ll II                   |
| Depth  | Type<br>No | Test<br>Result | Water    | Reduced<br>Level | Legend | Depth<br>(Thick-<br>ness) | DESCRIPTION   | Geology | Instrument<br>/Backfill |
| -      |            |                |          | 48.85            |        | (0.15)<br>0.15            | CONCRETE.   |         |                         |
| _      |            |                |          |                  |        | (0.25)                    | MADE GROUND: Firm dark grey slightly gravelly sandy CLAY. Gravel is subrounded fine to medium concrete and flint.   |         |                         |
| 0.35   | ES1        |                |          | 48.60            |        | 0.40                      | Firm brown SAND.<br>(LOWESTOFT FORMATION)   |         |                         |
|        |            |                |          |                  |        | (0.35)                    | (LOWESTOTT FORMATION)   |         |                         |
| -      |            |                |          | 48.25            |        | 0.75                      |   |         |                         |
| 0.75   | ES2        |                |          |                  |        | (0.35)                    | Stiff light grey mottled orangish brown gravelly CLAY with a low cobble content. Gravel is subrounded to rounded fine to medium chalk and flint. Cobbles are subrounded to rounded flint. (LOWESTOFT FORMATION) |         |                         |
|        |            |                | <u>‡</u> | 47.90            |        | 1.10                      | (==   |         |                         |
| -      |            |                |          |                  |        | -                         |   |         |                         |
| -      |            |                |          |                  |        | -                         |   |         |                         |
| ,      |            |                |          |                  |        | -                         |   |         |                         |
|        |            |                |          |                  |        | -                         |   |         |                         |
| 2      |            |                |          |                  |        | _                         |   |         |                         |
|        |            |                |          |                  |        | -                         |   |         |                         |
| 5 L    |            |                |          |                  |        | -                         |   |         |                         |
|        |            |                |          |                  |        | _                         |   |         |                         |
|        |            |                |          |                  |        | -                         |   |         |                         |
|        |            |                |          |                  |        | -                         |   |         |                         |
|        |            |                |          |                  |        | L                         |   |         |                         |

| - ASBESTOS DELINEATION (TP).GPJ GINT STD AGS 3_1.GDT 15/6/23 | -<br>-<br>-<br>-<br>-<br>-                                 |           |         |  |       |               | -             |             |        |            |       |             |       |   |                           |   |
|--|--|-----------|---------|--|-------|---------------|---------------|-------------|--------|------------|-------|-------------|-------|---|---------------------------|---|
| SAXSTEAD   | Во   | ring Prog | gress a |  |       |               |               |             | (      | Chiselling | g     | Water       | Added | GENE  | RAL                       | 一 |
|  | Date   | Time      | Deptl   |  |       | ng<br>Dia. mm | Water<br>Dpt  | Fr          | om     | То         | Hours | From        | То    | REMA  |                           |   |
| AGS3 UK BH IE23-012 - WOOD HALL,                             | 13-06-23   | 11.10     | 1.10    |  | V/A   |               | 1.05          |             |        |            |       |             |       | Trial Pit Length<br>Trial Pit Width<br>Orientation: 16. | 1: 1.30m<br>: 0.90m<br>5° | 1 |
| AGS3 L   | All dimensions in metres Scale 1:18.75 Client Mr D Jarrold |           |         |  | rrold |               | Meth<br>Plant | od/<br>Used | Hitach | i ZX26U-   | -6    | Logged By D | F     |   |                           |   |



# Appendix D – Laboratory Results

Asbestos Delineation Letter Report – Produced by JPC Environmental Services For:  $\operatorname{Mr} \operatorname{D} \operatorname{Jarrold}$ 



Eurofins Chemtest Ltd Depot Road Newmarket

## CB8 0AL

# **Final Report**

**Report No.:** 23-20405-1

Initial Date of Issue: 20-Jun-2023

**Re-Issue Details:** 

Client J P Chick & Partners Limited

Client Address: 7 Museum Street

Ipswich Suffolk IP1 1HQ

Contact(s): Adam Steele

**Daniel Fowles** 

Project IE23/012 Wood Hall, Saxstead

Quotation No.: Date Received: 15-Jun-2023

Order No.: IE23/012 Date Instructed: 15-Jun-2023

No. of Samples: 12

Turnaround (Wkdays): 5 Results Due: 21-Jun-2023

Date Approved: 20-Jun-2023

Approved By:

Details: Stuart Henderson, Technical

Manager

# Results - Soil

## Project: IE23/012 Wood Hall, Saxstead

| Client: J P Chick & Partners Limited | Chemtest Job No.:    |      | 23-20405    | 23-20405    | 23-20405                | 23-20405                | 23-20405                | 23-20405                | 23-20405                | 23-20405                |                         |                         |
|--------------------------------------|----------------------|------|-------------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Quotation No.:                       | Chemtest Sample ID.: |      | 1657439     | 1657440     | 1657441                 | 1657442                 | 1657443                 | 1657444                 | 1657445                 | 1657446                 |                         |                         |
| Order No.: IE23/012                  | Client Sample Ref.:  |      | ES1         | ES2         | ES1                     | ES2                     | ES1                     | ES2                     | ES1                     | ES2                     |                         |                         |
|                                      | Sample Location:     |      | TP101       | TP101       | TP102                   | TP102                   | TP103                   | TP103                   | TP104                   | TP104                   |                         |                         |
|                                      | Sample Type:         |      | SOIL        | SOIL        | SOIL                    | SOIL                    | SOIL                    | SOIL                    | SOIL                    | SOIL                    |                         |                         |
|                                      | Top Depth (m):       |      | 0.30        | 1.00        | 0.35                    | 1.10                    | 0.25                    | 0.60                    | 0.40                    | 0.70                    |                         |                         |
|                                      | Date Sampled:        |      | 13-Jun-2023 | 13-Jun-2023 | 13-Jun-2023             | 13-Jun-2023             | 13-Jun-2023             | 13-Jun-2023             | 13-Jun-2023             | 13-Jun-2023             |                         |                         |
|                                      | Asbestos Lab:        |      | DURHAM      | DURHAM      | DURHAM                  | DURHAM                  | DURHAM                  | DURHAM                  | DURHAM                  | DURHAM                  |                         |                         |
| Determinand                          | Accred.              | SOP  | Units       | LOD         |                         |                         |                         |                         |                         |                         |                         |                         |
| ACM Type                             | U                    | 2192 |             | N/A         | 1                       | -                       | -                       | -                       | -                       | -                       | 1                       | -                       |
| Asbestos Identification              | U                    | 2192 |             | N/A         | No Asbestos<br>Detected |

# Results - Soil

## Project: IE23/012 Wood Hall, Saxstead

| Client: J P Chick & Partners Limited | Chemtest Job No.:    |      | 23-20405    | 23-20405    | 23-20405                | 23-20405                |                         |                         |
|--------------------------------------|----------------------|------|-------------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Quotation No.:                       | Chemtest Sample ID.: |      |             | 1657447     | 1657448                 | 1657449                 | 1657450                 |                         |
| Order No.: IE23/012                  | Client Sample Ref.:  |      | ES1         | ES2         | ES1                     | ES2                     |                         |                         |
|                                      | Sample Location:     |      |             |             | TP105                   | TP105                   | TP106                   | TP106                   |
|                                      | Sa                   |      | Sample      | Type:       | SOIL                    | SOIL                    | SOIL                    | SOIL                    |
|                                      | Top Depth (m):       |      | 0.30        | 1.00        | 0.40                    | 0.80                    |                         |                         |
|                                      | Date Sampled:        |      | 13-Jun-2023 | 13-Jun-2023 | 13-Jun-2023             | 13-Jun-2023             |                         |                         |
|                                      | Asbestos Lab:        |      | DURHAM      | DURHAM      | DURHAM                  | DURHAM                  |                         |                         |
| Determinand                          | Accred.              | SOP  | Units       | LOD         |                         |                         |                         |                         |
| ACM Type                             | U                    | 2192 |             | N/A         | 1                       | 1                       | -                       | -                       |
| Asbestos Identification              | U                    | 2192 |             | N/A         | No Asbestos<br>Detected | No Asbestos<br>Detected | No Asbestos<br>Detected | No Asbestos<br>Detected |

# **Test Methods**

| SOP  | Title    | Parameters included | Method summary                          |  |  |  |
|------|----------|---------------------|---|--|--|--|
| 2192 | Asbestos | Asbestos            | Polarised light microscopy / Gravimetry |  |  |  |

# **Report Information**

#### Key **UKAS** accredited MCERTS and UKAS accredited M Ν Unaccredited This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for S this analysis This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited SN for this analysis Т This analysis has been subcontracted to an unaccredited laboratory I/S Insufficient Sample U/S Unsuitable Sample N/E not evaluated "less than" "greater than" > SOP Standard operating procedure LOD Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

## **Sample Deviation Codes**

- A Date of sampling not supplied
- B Sample age exceeds stability time (sampling to extraction)
- C Sample not received in appropriate containers
- D Broken Container
- E Insufficient Sample (Applies to LOI in Trommel Fines Only)

#### Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to: <u>customerservices@chemtest.com</u>



Eurofins Chemtest Ltd Depot Road Newmarket CB8 0AL

# **Final Report**

**Report No.:** 23-20456-1

Initial Date of Issue: 20-Jun-2023

**Re-Issue Details:** 

Client J P Chick & Partners Limited

Client Address: 7 Museum Street

Ipswich Suffolk IP1 1HQ

Contact(s): Adam Steele

**Daniel Fowles** 

Project IE23/012 Wood Hall, Saxstead

Quotation No.: Date Received: 16-Jun-2023

Order No.: IE23/012 Date Instructed: 16-Jun-2023

No. of Samples: 4

Turnaround (Wkdays): 5 Results Due: 22-Jun-2023

Date Approved: 20-Jun-2023

Approved By:

**Details:** Stuart Henderson, Technical

Manager

# Results - Soil

## Project: IE23/012 Wood Hall, Saxstead

| Client: J P Chick & Partners Limited | Chemtest Job No.: |                      | 23-20456 | 23-20456    | 23-20456                | 23-20456                |                         |                         |
|--------------------------------------|-------------------|----------------------|----------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Quotation No.:                       | С                 | Chemtest Sample ID.: |          |             | 1657622                 | 1657623                 | 1657624                 | 1657625                 |
| Order No.: IE23/012                  |                   | Client Sample Ref.:  |          | ES1         | ES2                     | ES1                     | ES2                     |                         |
|                                      | Sample Location:  |                      |          |             | TP107                   | TP107                   | TP108                   | TP108                   |
|                                      | Sample Type:      |                      |          |             | SOIL                    | SOIL                    | SOIL                    | SOIL                    |
|                                      |                   | Top Depth (m):       |          | 0.30        | 0.60                    | 0.35                    | 0.75                    |                         |
|                                      |                   | Date Sampled:        |          | 13-Jun-2023 | 13-Jun-2023             | 13-Jun-2023             | 13-Jun-2023             |                         |
|                                      |                   | Asbestos Lab:        |          | NEW-ASB     | NEW-ASB                 | NEW-ASB                 | NEW-ASB                 |                         |
| Determinand                          | Accred.           | SOP                  | Units    | LOD         |                         |                         |                         |                         |
| ACM Type                             | U                 | 2192                 |          | N/A         | 1                       | -                       | 1                       | -                       |
| Asbestos Identification              | U                 | 2192                 |          | N/A         | No Asbestos<br>Detected | No Asbestos<br>Detected | No Asbestos<br>Detected | No Asbestos<br>Detected |

# **Test Methods**

| SOP  | Title    | Parameters included | Method summary                          |
|------|----------|---------------------|---|
| 2192 | Asbestos | Asbestos            | Polarised light microscopy / Gravimetry |

## **Report Information**

#### Key **UKAS** accredited MCERTS and UKAS accredited M Unaccredited Ν This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for S this analysis This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited SN for this analysis Т This analysis has been subcontracted to an unaccredited laboratory I/S Insufficient Sample U/S Unsuitable Sample N/E not evaluated "less than" "greater than" > SOP Standard operating procedure LOD Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

## **Sample Deviation Codes**

- A Date of sampling not supplied
- B Sample age exceeds stability time (sampling to extraction)
- C Sample not received in appropriate containers
- D Broken Container
- E Insufficient Sample (Applies to LOI in Trommel Fines Only)

#### Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to: <u>customerservices@chemtest.com</u>