| | | gical Serv | ations | · Ltd | | | EET | 1 | E No. (| 1 |
|--|--|------------|------------------|------------------------------|---------------------|--------------------------|---------------------|----------|---------|---|
| | | | ING CON | | | | Concrete | | 0. | • |
| Hamble Airfield | | | | | HOD: Powe | - | 0010101010 | | | |
| Southampton, Ham | pshire | | | | | | TEO | | DATE | |
| • | - | | ND LEVE m AOD | L | | -ORDINA | N 1082 | 85.00 | START | D RILLED : 13/6/95 |
| TE REF. SU 4708 | | 22.501 | II AOD | | E 4 | 47017.00 | J IN 1002 | 03.00 | | : 13/6/95 |
| | | REDUCE | | | | | | | | |
| DESC | RIPTION | LEVEL | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) | WATER | MONITOR INSTALL- | | | |
| | | (m AOD) | | (, | & TYPE | Ontarte | ATION | | | |
| Fop SOIL | t | 22.00 . | | 0.30 _ | | | | 0.50 | | |
| HOGGIN (Brown clay and s | lone) | | | | | | | 1.00 | | |
| | | | | | | | | | | |
| | | | | (2.70) | | | | | | |
| | | | | | | | | | | |
| | | 19.30 | | 3.00 | | | | | | |
| ellow soft CLAY | | | | | | | | | | |
| | | | | (1.50) | | | | 4.00 | | |
| | | 17.80 | | 4.50 | | | | 4.40 | | |
| Blue firm CLAY | | | | | | | 1 | | | |
| | | | | (1.50) | | | | | | |
| | | 16.30 | | 6.00 | | | <u> </u> | 6.00 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| EY - Bulk distrubed sample - Small distrubed sample - Undistrubed sample V - Water sample C - Cuttings sample - Coarse grained | ✓ - Water strike 1 ✓ - Standing water 1 ✓ Water strike 2 ✓ - Standing water 2 | NOTES | | | | ONITORIN ef. Elev. mA | G POINT E | ELEVATIO | N & ID | TOTAL DEPT 6.00 METRES LOGGED B WKJ Osbor DATE LOGGI |
| Bulk distrubed sample Small distrubed sample Undistrubed sample Water sample Cuttings sample | Standing water 1 Water strike 2 | NOTES | | | | | | ELEVATIO | N & ID | 6.00 METRES LOGGED B WKJ Osbor |

| | X I IK Oner | ations | s td | artmer | | | | | |
|------------------------|-----------------------------|------------------|-------------------------------|-------------------------------|----------------------------|--------------------------------|-------|--------|----------------------|
| | | ING CON | |)R· Read | | EET Concrete | | OF | 1 |
| Hamble Airfield | | | | HOD: Powe | - | Concrete | | | |
| Southampton, Hampshire | GROU 21.10 r | ND LEVE n AOD | EL | | -ORDINA 47817.00 | NTES D N 1080 | 95.00 | START | DRILLED : 13/6/95 |
| ITE REF. SU 4708 | | | | | | | | гіліэп | : 13/6/95 |
| DESCRIPTION | REDUCEL LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 20.50 | | (0.60) - 0.60 | | | | | | |
| HOGGIN | 20.00 _ | | (1.60) | | | | | | |
| Yellow find SAND | 18.90 _ | | 2.20 | | | | | | |
| | | | (2.30) | | | | | | |
| Yellow CLAY | 16.60 | | 4.50 (0.50) | | | | | | |
| | | | | | | | | | |
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| | ogical Serv | /ICes | Depa | artmer | | | HOLE | E No. 0 | 3/95 |
|---|-------------|---|------------------------|-----------------------|--------------------------|-----------------|-----------|---------|---|
| | | | | | | EET | 1 | OF | 1 |
| | | | | DR: Read HOD: Powe | | Concrete | (UK) Ltd | | |
| Hamble Airfield Southampton, Hampshire | EQUIP | | | HUD: Powe | er Auger | | | | |
| Southampton, nampshire | | ND LEVE | EL | | -ORDINA | | | DATE D | RILLED : 13/6/95 |
| SITE REF. SU 4708 | 20.90 ו | n AOD | | E 4 | 47809.00 | D N 1078 | 398.00 | | : 13/6/95 |
| | | | | | | | | | |
| DESCRIPTION | REDUCEL | LEGEND | DEPTH & (THICKNESS) | SAMPLE | WATER | MONITOR | | | |
| | (m AOD) | 1 | (m) | DEPTH (m) & TYPE | STRIKE | ATION | | | |
| TOP SOIL | | | (0.60) | | | | | | |
| Brown sandy soft CLAY | 20.30 | | (0,60) 0.60 | | | | | | |
| | | | £ (1.40) | | | | | | |
| | 18.90 | | 2.00 | | | | | | |
| HOGGIN | | | 2.00 | | | | | | |
| | 17.90 | 202 | (1.00) | | | | | | |
| Yellow fine SAND | | | 1 3.00 5 (0.50) | | | | | | |
| | 17.40 _ | | ະ ສ.ສປາ - | | | | | | |
| Brown sandy GRAVEL | | | | | | | | | |
| | | | | | | | | | |
| | | | (3.30) | | | | | | |
| | | | | | € 6.00 | | | | |
| | | | بيروا ب | | ₹ 6.00 | | | | |
| | 13.90 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 7.00 | | | | | | |
| Yellow CLAY | 13.90 | <u> </u> | (9.50) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample U - Undistrubed sample W - Water sample X - Cuttings sample C - Coarse grained W - Mater strike 1 ↓ - Standing water 1 ↓ - Water strike 2 ↓ - Water strike 2 ↓ - Standing water 2 | NOTES | | | | ONITORIN ef. Elev. mA | | ELEVATION | N & ID | TOTAL DEPTI 7.50 METRES LOGGED BY WKJ Osborn DATE LOGGE 13/06/1995 SCALE |

| | X UK Opera | ations | s Ltd | | SH | EET | 1 | OF | 1 |
|-----------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|------------------------|------------------------------|----------|--------|--------------------------------------|
| ITE NAME Hamble Airfield | DRILLI | ING CON | TRACTO | DR: Read | ly Mixed (er Auger | Concrete | (UK) Ltd | | |
| Southampton, Hampshire | | ND LEVE | | CO | -ORDINA 47807.00 | | 95.00 | STAR | DRILLED [: 13/6/95 |
| TE REF. SU 4708 | | | | | 1 | | | FINISF | I : 13/6/95 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 20.60 | | (0.60) 0.60 | | | | | | |
| Brown soft CLAY | 20.00 | | (1.60) | | | | | | |
| | 19.00 _ | | 2.20 | | | | | | |
| HOGGIN | | 19, 04% 19, 04% | (2.80) | | | | | | |
| Brown sandy GRAVEL | 16.20 _ | | 5.00 | | | | | | |
| | | | (1.50) | | | | | | |
| Yellow CLAY | 14.70 _ | | 6.50 | | 1 6.80 | | | | |
| | 13.70 | | - (1.00) 7.50 | | ÷ | | | | |
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|------------------------|-----------------------------|--|------------------------------|-------------------------------------|-----------------------------|------------------------------|-------|---|--|
| Hamble Airfield | DRILLI | NG CON | TRACTO |)R: Read IOD: Powe | dy Mixed (| Concrete (| | | |
| Southampton, Hampshire | GROU 20.90 r | ND LEVE n AOD | L | | - ORDINA 47803.00 | ATES 0 N 1075 | 01.00 | DATE DRILLED START : 13/6/95 FINISH : 13/6/95 | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 20.30 | | (0.60) 0.60 | | | | | | |
| Brown soft CLAY | 20.30 _ | | | | | | | | |
| | 17.90 | | (2.40) | | | | | | |
| HOGGIN | 17.40 | | (0.50) | | | | | | |
| Brown sandy GRAVEL | | 101-90-101 101-90-101 101-10-101 | - (3.00) | | ⊉ 5.50 | | | | |
| | | | | | | | | | |
| Yellow CLAY | 14.40 | | 6.50 (1.00) 7.50 | | | | | | |
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| | ological Serv MEX UK Opera | ations | s Ltd | | SH | EET | 1 | OF | 1 |
|------------------------|-------------------------------|------------------|-------------------------------|-------------------------------|-----------------------------|--------------------------------|-------|-----------------|---------|
| | | ING CON | | DR: Read | | Concrete | | 0. | |
| Hamble Airfield | | | | HOD: Powe | - | | · / | | |
| Southampton, Hampshire | | ND LEVE m AOD | ïL | | - ORDINA 47810.00 | NTES D N 1073 | 24.00 | DATE D START | 13/6/95 |
| | | | | | | | | | |
| DESCRIPTION | REDUCEL LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 19.40 | | (0.60) 0.60 | | | | | | |
| Brown soft CLAY | | | | | | | | | |
| | | | (1.80) | | | | | | |
| | | | | | | | | | |
| HOGGIN | 17.60 | | 2.40 | | | | | | |
| | | | (1.10) | | | | | | |
| | 16.50 _ | | 3.50 | | | | | | |
| Brown sandy GRAVEL | | ты Ф. (| | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | (3.50) | | | | | | |
| | | | - | | ⊉ 6.00 | | | | |
| | | 0. | | | | | | | |
| Yellow CLAY | | | 7.00 | | | | | | |
| | 12.50 | | <u>(</u> , 5 0) | | 1 | 1 | | | |
| | 12.50 | | <u> </u> | | | | | | |

| Geolog | gical Serv | vices | Depa | artmer | nt B | ORE | IOLE N | o. 07/95 |
|---|-----------------------------|------------------|-------------------------------|-------------------------------|--------------------------|--------------------------------|--------------------|---|
| SITE NAME Hamble Airfield | DRILL | ING CON | TRACTO |)R: Read | ly Mixed (| EET Concrete (| 1 OF (UK) Ltd | 1 |
| Site Ref. SU 4708 | GROU | ND LEVE m AOD | | CO | -ORDINA | TES) N 10732 | _{24.00} S | ATE DRILLED TART : 13/6/95 INISH : 13/6/95 |
| DESCRIPTION | REDUCEE LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| TOP SOIL | 17.90 | | (0.60) 0.60 | | | | | |
| Brown soft CLAY | 17.90 | | (0.90) | | | | | |
| Brown HOGGIN | 17.00 _ | | 1.50 _ | | | | | |
| Yellow CLAY | 14.00 | | 4.50 (0.50) 5.00) | | | | | |
| | | | | | | | | |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water strike 1 V - Standing water 1 V - Water strike 2 X - Cuttings sample c - Coarse grained m - Medium grained f - Fine grained | NOTES | | | | ONITORIN ef. Elev. mA | | LEVATION & IE | D TOTAL DEPTH 5.00 METRES LOGGED BY WKJ Osborn DATE LOGGED 13/06/1995 SCALE 1 : 100 |

| | | gical Serv | /ICes | рера | artmer | πB | UKE | HOLE | INO. U | 10/32 |
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| | | | | | | | Concrete | (UK) Ltd | | |
| Hamble Airfield Southampton, Hamps | ehiro | EQUIPI | | ND METI | HOD: Powe | er Auger | | | | |
| | Sille | | ND LEVE | L | | -ORDINA | | | DATE D | RILLED : 13/6/95 |
| ITE REF. SU 4708 | | 18.90 r | n AOD | | E 4 | 48036.00 | D N 1073 | 395.00 | | : 13/6/95 |
| | | | | | | | | | | |
| DESCRI | PTION | REDUCED LEVEL | | DEPTH & (THICKNESS) | SAMPLE DEPTH (m) | WATER | MONITOR | | | |
| | | (m AOD) | | (m) | & TYPE | STRIKE | ATION | | | |
| TOP SOIL | | 18.30 | | (0.60) 0.60 | | | | | | |
| HOGGIN | | 10.30 _ | | 0.00 | | | | | | |
| | | | 20A | | | | | | | |
| | | | ġĊ,Ŏ, | | | | | | | |
| | | | P 0 6 | | | | | | | |
| | | | o⊖ ⊡ | (4.40) | | | | | | |
| | | | ÞQŚ | | | | | | | |
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| | | | 202 | | | | | | | |
| | | 13.90 _ | ġQ <u>;</u> O; | 5.00 | | | | | | |
| Yellow fine SAND | | 13.40 | | (0.50) 5.50) | | | | | | |
| Yellow CLAY | | 12.90 | <u> </u> | (0.50) 6.00 | | | | | | |
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| | | NOTES | | | | | | ELEVATION | & 1D | TOTAL DEPT |
| B - Bulk distrubed sample | • Water strike 1 | NOTES | | | | ONITORIN ef. Elev. mA | | ELEVATION | & ID | TOTAL DEP1 6.00 METRES |
| B - Bulk distrubed sample D - Small distrubed sample | ₁ ≩ - Standing water 1 | NOTES | | | | | | ELEVATION | & 1D | 6.00 METRES LOGGED B |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample X - Cuttings sample | ¹ ¥ - Standing water 1 ↓ - Water strike 2 | NOTES | | | | | | ELEVATION | & 1D | 6.00 METRES LOGGED B' WKJ Osbori DATE LOGGE |
| D - Small distrubed sample U - Undistrubed sample W - Water sample | ₁ ≩ - Standing water 1 | NOTES | | | | | | ELEVATION | & ID | 6.00 METRES LOGGED B' WKJ Osbori |

| | gical Serv | /ices ations | Depa s Ltd | artmer | | OREI | | No. 09/95 |
|---|-----------------------------|------------------|-------------------------------|-------------------------------------|-----------------------------|---------------------------------|-------------|---|
| SITE NAME Hamble Airfield Southampton, Hampshire | DRILLI | ING CON | TRACTO |)R: Read IOD: Powe | y Mixed (| | (UK) Ltd | |
| SITE REF. SU 4708 | | ND LEVE n AOD | EL | | - ORDINA 47900.00 | NTES () N 1074 | 01.00 | DATE DRILLED START : 13/6/95 FINISH : 13/6/95 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| TOP SOIL | 19.30 | | (0.60) - 0.60 | | | | | |
| Brown sandy CLAY | 19.00 _ | | (1.40) | | | | | |
| HOGGIN | 17.90 | | 2.00 | | | | | |
| | | | (3.00) | | | | | |
| Yellow CLAY | 14.90 _ | | 5.00 _ | | | | | |
| | 13.90 | | (1.00) 6.00 | | | | | |
| | | | | | | | | |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water strike 1 W - Water strike 2 | NOTES | | | | DNITORIN of. Elev. mA | | ELEVATION & | ID TOTAL DEPTH 6.00 METRES LOGGED BY WKJ Osborn |

| | X I IK Onorg | ationa | | | 0.1 | EET | 1 | OF | 1 |
|------------------------|-----------------------------|------------------|-------------------------------|-------------------------------|----------------------------|--------------------------------|----------------|--------|-------------------------------|
| | | | |) R · Read | | Concrete | 1 (UK) I td | OF | 1 |
| Hamble Airfield | | | | HOD: Powe | | Concrete | | | |
| Southampton, Hampshire | | ND LEVE m AOD | EL | | -ORDINA 47889.00 | NTES D N 1076 | 14.00 | START | DRILLED 1 : 13/6/95 |
| SITE REF. SU 4708 | | | | | 1 | | | FINISH | 1 : 13/6/95 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 19.60 | | (0.60) 0.60 | | | | | | |
| Brown sandy CLAY | | | (0.90) | | | | | | |
| | 18.70 _ | | 1.50 | | | | | | |
| HOGGIN | | | | | | | | | |
| | | | | | | | | | |
| | | | (3.00) | | | | | | |
| | | | | | | | | | |
| | 15.70 | \$0£ | 4.50 | | | | | | |
| Grey fine clayey SAND | | | | | | | | | |
| | | | (1.50) | | | | | | |
| | 14.20 | | 6.00 | | | | | | |
| | | | | | | | | | |
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|------------------------|-------|-----------------------------|------------------|-------------------------------|-------------------------------|----------------------------|--------------------------------|-------|-------|--|
| | | | | |)R: Read | | Concrete | | | 1 |
| Hamble Airfield | | | | | HOD: Powe | • | | () | | |
| Southampton, Hampshire | | GROUI 18.80 r | ND LEVE n AOD | ïL | | -ORDINA 47993.00 | NTES D N 1075 | 05.00 | START | DRILLED : 13/6/95 : 13/6/95 |
| | | | | | | | | | | |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | Monitor Install- Ation | | | |
| TOP SOIL | | 18.20 | | (0.60) 0.60 | | | | | | |
| Brown sandy CLAY | | | | (0.90) | | | | | | |
| HOGGIN | | 17.30 _ | | 1.50 | | | | | | |
| HUGGIN | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | (3.00) | | | | | | |
| | | | ġ Ū Ū | | | | | | | |
| | | 14.30 | <u>Å</u> Q¢ | 4.50 | | | | | | |
| Yellow fine SAND | | | | | | | | | | |
| | | | | (1.50) | | | | | | |
| | | 12.80 | | 6.00 | | | | | | |
| | | | | | | | | | | |
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|-----------------------------|--------|------------------------|---------|-------------------|---------------------|-----------------|-------------------------------|----------|-----------------|-------------------------------|
| | | | ATIONS | | | | EET Concrete | | OF | 1 |
| ITE NAME Hamble Airfield | | | | | IOD: Powe | • | oncrete | (UK) Lia | | |
| Southampton, Hampshi | re | GROU 18.10 r | | L | | -ORDINA | TES) N 1077 | 00.00 | DATE I START | DRILLED : : 13/6/95 |
| SITE REF. SU 4708 | | 10.101 | | | - 7 | | | 00.00 | FINISH | : 13/6/95 |
| | | REDUCED | | DEPTH & | SAMPLE | | MONITOR | | | |
| DESCRIPTIC | N | LEVEL (m AOD) | LEGEND | THICKNESS) (m) | DEPTH (m) & TYPE | WATER STRIKE | INSTALL- ATION | | | |
| TOP SOIL | | 17.50 | | (0.60) 0.60 | | | | | | |
| Brown sandy CLAY | | 16.90 _ | | (0.60) 1.20 | | | | | | |
| HOGGIN | | | | - | | | | | | |
| | | | | (2.30) | | | | | | |
| | | | | | | | | | | |
| Vallau fina CAND | | 14.60 | õ Õ | 3.50 | | | | | | |
| Yellow fine SAND | | | | | | | | | | |
| | | | | (2.50) | | ⊉ 4.50 | | | | |
| | | | | | | | | | | |
| | | 12.10 | | 6.00 | | | | | | |
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| | | | | | | | | | | |

| | | | ations | : Ltd | | SH | EET | |)F | 1 3/95 |
|---|--|-----------------------------|------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------|---------|---|
| Hamble Airfield | | DRILLI | NG CON | TRACTO | DR: Read | y Mixed (| | (UK) Ltd | <u></u> | |
| Southampton, Hampshire | | GROUI 20.00 r | ND LEVE n AOD | L | | - ORDINA 47909.00 | ATES D N 1077 | '94.00 | START | DRILLED : 14/6/95 : 14/6/95 |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | | 19.40 | | (0.60) 0.60 | | | | | | |
| Soft sandy CLAY | | 18.80 | ····· | (0,60) 1.20 | | | | | | |
| HOGGIN | | 16.50 | | (2.30) | | | | | | |
| Yellow fine SAND | | 16.00 | <u>u </u> | μ. <u>(</u> ρ.50) (ρ.50) | | | | | | |
| | | | | | | | | | | |
| D - Small distrubed sample U - Undistrubed sample W - Water sample - Water | r strike 1 ing water 1 r strike 2 ing water 2 | NOTES | | | | DNITORIN | | ELEVATION & | ID | TOTAL DEPTH 4.00 METRES LOGGED BY WKJ Osborn DATE LOGGED 14/06/1995 SCALE 1 : 100 |

| | CEMEX | ical Serv UK Opera | ations L | _td | | SH | EET | 1 (| OF | 1 |
|--|-------|-----------------------------|----------------------|---|-------------------------------|--------------------|--------------------------------|-------|----------|---|
| SITE NAME Hamble Airfield Southampton, Hampshire | | DRILLI | NG CONTR MENT AND | ACTOR | | y Mixed (| Concrete | | <u>.</u> | |
| SITE REF. SU 4708 | | GROUI 19.60 r | ND LEVEL m AOD | | | ORDINA 47915.00 | (TES) N 1078 | 93.00 | START | RILLED : 14/6/95 : 14/6/95 |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | LEGEND (THIC | PTH & :KNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL HOGGIN | | 19.30 - | | 2.20) | | | | | | |
| Blue sandy CLAY Yellow fine SAND | | 17.10 _ 16.60 _ 13.60 | | 2.50 _ (2.50) _ (3.00) _ (5.00 | | | | | | |
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| | IEX UK Opera | vices ations | Ltd | | | OREI EET | 1 (| OF 1 |
|--|-----------------------------|--------------------|-----------------------------------|-------------------------------|-----------------------------|------------------------------|----------|---|
| SITE NAME Hamble Airfield Southampton, Hampshire | DRILLI EQUIP | ING CON MENT AN | TRACTO | HOD: Powe | er Auger | | (UK) Ltd | |
| SITE REF. SU 4708 | | ND LEVE m AOD | L | | - ORDINA 47709.00 | | 80.00 | DATE DRILLED START : 14/6/95 FINISH : 14/6/95 |
| DESCRIPTION | REDUCEL LEVEL (m AOD) | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| TOP SOIL | 00.00 | | (0.60) - 0.60 | | | | | |
| Yellow soft CLAY | 20.60 _ | | - (1.80) | | | | | |
| HOGGIN | 18.80 _ | | 2.40 _ (1.50) | | | | | |
| Yellow fine clayey SAND | 17.30 _ | | (1.50) - 3.90 _ - (1.10) | | | | | |
| | 16.20 | | - (1.10) 5.00 | | | | | |
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| | Geologic CEMEX U | al Servi K Operat | ices tions | Depa Ltd | artme | | OREI | HOLE No. | 16/95 |
|--|---------------------|-------------------------------|---------------|------------------------------|------------------------------------|------------------------------|------------------------------|------------|--|
| site NAME Hamble Airfield Southampton, Hampshire | | DRILLIN | | TRACTO |)R: Rea HOD : Pow | dy Mixed | | | |
| SITE REF. SU 4708 | | GROUNI 21.70 m | | L, | | D-ORDINA 447643.00 | | 48.00 STAR | DRILLED T : 14/6/95 H : 14/6/95 |
| DESCRIPTION | | REDUCED LEVEL I (m AOD) | LEGEND (1 | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| TOP SOIL | | 21.10 | | . (0.60) . 0.60 | | | | | |
| HOGGIN | | | | (0.90) | | | | | |
| Yellow fine clayey SAND | | 20.20 | | 1.50 _ | | | | | |
| | | 16.70 | | 5.00 | | | | | |
| | | | | | | | | | |
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| | Geologica | | 1003 | Deho | | | | | No. 1 | 1133 |
|--|---|------------------|----------------|-------------------------------|------------|--------------------------|------------------------------|-----------|--------|------------------------------|
| | CEMEX UK | | | | | | EET | | OF | 1 |
| ITE NAME | | DRILL | ING CON | ITRACTO | | ly Mixed (| Concrete | (UK) Ltd | | |
| Hamble Airfield | | EQUIP | MENT A | ND METI | HOD: Powe | er Auger | | | | |
| Southampton, Hampshire | | GROU | ND LEVE | EL | со | -ORDINA | TES | | DATE | DRILLED |
| | | 19.90 i | m AOD | | E 4 | 47634.00 |) N 1081 | 28.00 | | : 14/6/95 |
| ITE REF. SU 4708 | | | | | | | | | FINISH | : 14/6/95 |
| | | REDUCED | o | | SAMPLE | | | | | |
| DESCRIPTION | | LEVEL (m AOD) | | DEPTH & (THICKNESS) (m) | DEPTH (m) | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| | | (III AOD) | | | & TYPE | | | | | |
| TOP SOIL | | 19.30 | | (0.60) 0.60 | | | | | | |
| Yellow/brown softy CLAY some stone | | T | | Ē | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | (2.90) | | | | | | |
| | | | | | | | | | | |
| | | 16.40 | | 3.50 | | | | | | |
| Dark brown damp GRAVEL | | | 690 | Ē | | | | | | |
| | | 15.40 | p OS | - (1.00) 4.50 | | | | | | |
| Yellow fine clayey SAND | | | | | | | | | | |
| | | | | (1.50) | | | | | | |
| | | 10.00 | | | | | | | | |
| | | 13.90 | 1. | 6.00 | | 1 | 1 | | | |
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| | | | | | | | | | | |
| 3 - Bulk distrubed sample 🛛 🕂 Wate | nOTE | 58 | | | | DNITORIN ef. Elev. mA | | ELEVATION | 1 & ID | TOTAL DEP1 6.00 METPES |
| J - Small distrubed sample J - Undistrubed sample V - Water sample V - Water sample | er strike 1 ding water 1 ding water 2 | | | | | | | ELEVATION | 1 & ID | |

| | logical Servic | IONS I TO | | I S LI | | | OF 1 | |
|-------------------------|---------------------------------|--------------------------|-------------------------------|--------------------------|---------------------------------|-------|--------------------------------|---------|
| | | G CONTRACTO | R: Readv | | EET Concrete | | | |
| Hamble Airfield | | ENT AND METH | • | | | , | | |
| Southampton, Hampshire | GROUND 19.30 m | | | ORDINA 7510.00 | . TES) N 1081 | 28.00 | DATE DI START : FINISH : | 14/6/95 |
| | | | | | | | | 14/0/90 |
| DESCRIPTION | REDUCED LEVEL LE (m AOD) | EGEND (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 18.70 | (p.60) | | | | | | |
| HOGGIN | | | | | | | | |
| | | | | | | | | |
| | 15.30 | 4.00 | | | | | | |
| Yellow fine clayey SAND | | 4.00 _ | | | | | | |
| | | | | | | | | |
| | 13.30 | 6.00 | | | | | | |
| | | | | | | | | |
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| | | gical Serv | ations | امه ا | | | | | | |
|--|--|------------|--------------------|------------------------|---------------------|--------------------------|-----------------|-----------|--------|--|
| | | | | | | | EET | 1 | OF | 1 |
| ITE NAME Hamble Airfield | | | ING CON MENT AI | | DR: Read | ly Mixed (er Auger | Concrete | (UK) Ltd | | |
| Southampton, Ham | oshire | | | | | | | | | |
| | | | | Ľ | | | | 40.00 | | DRILLED : 14/6/95 |
| ITE REF. SU 4708 | | 20.10 | n AOD | | E 4 | 47528.00 |) N 1080 | 19.00 | | : 14/6/95 |
| | | | | | | | | | | |
| DESC | RIPTION | REDUCED | LEGEND | DEPTH & (THICKNESS) | SAMPLE DEPTH (m) | WATER | MONITOR | | | |
| | | (m AOD) | | (m) | & TYPE | STRIKE | ATION | | | |
| TOP SOIL and SUBSOIL | | 10.50 | | (0.60) 0.60 | | | | | | |
| Yellow CLAY | | 19.50 | | - 1 | | | | | | |
| HOGGIN | | 18.90 _ | | (0.60) 1.20 | | | | | | |
| | | | | | | | | | | |
| | | | | (2.30) | | | | | | |
| | | | | | | | | | | |
| | | 16.60 | | 3.50 | | 1 3.50 | | | | |
| Brown GRAVEL | | | | | | = | | | | |
| | | | ÞÖŞ | (2.00) | | | | | | |
| | | | | (2.00) | | | | | | |
| | | 14.60 |) QK | 5.50 | | | | | | |
| Yellow fine SAND | | 14.10 | | (0.50) | | | | | | |
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| | | | | | | | | | | |
| Bulk distrubed sample Small distrubed sample Undistrubed sample Water sample | ✓ - Water strike 1 ✓ Standing water 1 ✓ Water strike 2 | NOTES | | | | DNITORIN ef. Elev. mA | | ELEVATION | 1 & ID | TOTAL DEP 6.00 METRES LOGGED B WKJ OSbor |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample X - Cuttings sample C - Coarse grained m - Medium grained | ⊈ - Standing water 1 | NOTES | | | | | | ELEVATION | N & ID | 6.00 METRES LOGGED B |

| | | UK Opera | alions | | | SH | | 1 | OF | 1 |
|---|--|------------------|-------------------|--------------------|------------|--------------------------|------------------------------|-----------|------|---|
| | | | ING CON | | R: Read | | Concrete | | 0. | |
| Hamble Airfield | | | | | HOD: Powe | | 001101010 | | | |
| Southampton, Hamp | shire | | | | | | | | | |
| ••••••• | | | ND LEVE | Ľ | | -ORDINA | | | | D RILLED : 14/6/95 |
| SITE REF. SU 4708 | | 20.70 r | n AOD | | E 4 | 47628.00 |) N 1079 | 35.00 | | : 14/6/95 |
| STERET: 504700 | | | | | | | | | | . 14/0/95 |
| | | REDUCED | | DEPTH & | SAMPLE | | MONITOR | | | |
| DESCR | IPTION | LEVEL (m AOD) | LEGEND | (THICKNESS) (m) | DEPTH (m) | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| | | | | | & TYPE | | | | | |
| | | 20.40 _ | <u></u> | 0.30 | | | | | | |
| Soft brown sandy CLAY | | 19.80 | | (0.60) 0.90 | | | | | | |
| HOGGIN | | | | | | | | | | |
| | | | 208 | | | | | | | |
| | | | ġ. O. O. | | | | | | | |
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| | | | | (4.60) | | | | | | |
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| | | | <u> 2</u> 98 | | | | | | | |
| | | | ġŎ <u>ġŎ</u> . | | | | | | | |
| Yellow green fine SAND | | 15.20 _ | ° ~ ~ | 5.50 | | | | | | |
| | | 14.70 | 1 | (0.50) | | I | | | | |
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| | • Water strike 1 | NOTES | | | | DNITORIN ef. Elev. mA | | ELEVATION | & ID | TOTAL DEP1 6.00 METDES |
| Bulk distrubed sampleSmall distrubed sample | • Water strike 1 ✓ - Standing water 1 | NOTES | | | | | | ELEVATION | & ID | 6.00 METRES |
| Bulk distrubed sample Small distrubed sample Undistrubed sample | ↓ - Standing water 1 | NOTES | | | | | | ELEVATION | & ID | 6.00 |
| D - Small distrubed sample U - Undistrubed sample W - Water sample X - Cuttings sample | Standing water 1 Water strike 2 | NOTES | | | | | | ELEVATION | & ID | 6.00 METRES LOGGED B' WKJ Osbori DATE LOGGE |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W atter sample | ↓ - Standing water 1 | NOTES | | | | | | ELEVATION | & ID | 6.00 METRES LOGGED B' WKJ Osbori |

| | gical Services Dep | BOREHOLE N SHEET 1 OI | |
|--|-----------------------------|---|---|
| SITE NAME Hamble Airfield | DRILLING CONTRACT | FOR: Ready Mixed Concrete (UK) Ltd | - 1 |
| Southampton, Hampshire | GROUND LEVEL 20.50 m AOD | E 447701.00 N 107984.00 | DATE DRILLED START : 14/6/95 FINISH : 14/6/95 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | SAMPLE DEPTH (m) & WATER STRIKE ATION | |
| TOP SOIL Brown CLAY | 20.20 | - | |
| HOGGIN | | | |
| Yellow green fine SAND | 15.00 5.50 14.50 0.50 | _ | |
| | | | |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water strike 1 V - Standing water 1 V - Cuttings sample C - Coarse grained m - Medium grained f - Fine grained | NOTES | MONITORING POINT ELEVATION & I Ref. Elev. mAOD | D TOTAL DEPTH 6.00 METRES LOGGED BY WKJ Osborn DATE LOGGED 14/06/1995 SCALE 1 : 100 |

| | ogical Ser\ EX UK Opera | ations | | | SH | EET | 1 | OF | 1 |
|---------------------------------|-----------------------------|------------------|-------------------------------|-------------------------------|-----------------------------|-------------------------------|-----------|--------|--|
| ITE NAME | | ING CON | |)R: Read | y Mixed (| Concrete | (UK) Ltd | | |
| Hamble Airfield | EQUIP | MENT AI | ND METI | HOD: Powe | r Auger | | | | |
| Southampton, Hampshire | | ND LEVE m AOD | ïL | | • ORDINA 47617.00 | TES) N 1078 | 29.00 | START | PRILLED : 14/6/95 : 14/6/95 |
| | | | | | | | | | . 14/0/33 |
| DESCRIPTION | REDUCEL LEVEL (m AOD) | | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 20.70 . | | 0.30 _ | | | | | | |
| Brown sandy CLAY | | | (1.70) | | | | | | |
| | 19.00 | | 2.00 | | | | | | |
| HOGGIN | | | (1.50) | | | | | | |
| Brown sandy GRAVEL | 17.50 _ | | 3.50 | | | | | | |
| | | | (2.00) | | | | | | |
| Yellow green fine SAND | 15.50 _ | | 5.50 | | | | | | |
| | 15.00 | <u> </u> | (0.50) | | | | | | |
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| EY 3 - Bulk distrubed sample | NOTES | | | | DNITORIN f. Elev. mA | | ELEVATION | 1 & ID | TOTAL DEP 6.00 METRES |

| Hamble Airfield | | ING CON | | DR: Read H OD: Powe | ly Mixed | EET Concrete | | OF 1 |
|------------------------|-----------------------------|---------------------------------------|-------------------------------|--------------------------------------|-----------------------------|--------------------------------|-------|---|
| Southampton, Hampshire | | ND LEVE m AOD | ïL | | - ORDIN/ 47619.00 | ATES D N 1077 | 39.00 | DATE DRILLED START : 14/6/95 FINISH : 14/6/95 |
| DESCRIPTION | REDUCEI LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| TOP SOIL | 20.20 | | (0.60) 0.60 | | | | | |
| Brown soft CLAY | 20.20 . | | (1.60) | | | | | |
| HOGGIN | 18.60 _ | | 2.20 | | | | | |
| | 17.30 | | (1.30) 3.50 | | | | | |
| Yellow green CLAY | 16.80 | | (P.59) | | | | | |
| Brown GRAVEL | | | (2.50) | | | | | |
| | 44.00 | 000 | 0.50 | | | | | |
| Yellow green fine SAND | 14.30 | • • • • • • • • • • • • • • • • • • • | 6.50 (1.00) 7.50 | | | | | |
| | | | | | | | | |
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| | X UK Opera | ations | Ltd | artmer | | EET | 1 | OF | 1 |
|---|------------|-------------|------------------------|---------------------|--------------------------|------------------------------|----------|--------|---|
| ITE NAME | | NG CON | |)R: Read | | Concrete | (UK) Ltd | - | |
| Hamble Airfield | | | | HOD: Powe | - | | () | | |
| Southampton, Hampshire | CROUI | ND LEVE | | <u> </u> | -ORDINA | TEQ | | | ORILLED |
| | 20.20 r | | L | | |) N 1078 | 21.00 | START | : 14/6/95 |
| ITE REF. SU 4708 | 20.201 | IIAOD | | - + | 47011.00 | | 21.00 | FINISH | : 14/6/95 |
| | REDUCED | | | | | | | | |
| DESCRIPTION | LEVEL | LEGEND | DEPTH & (THICKNESS) | SAMPLE DEPTH (m) | WATER | MONITOR INSTALL- ATION | | | |
| | (m AOD) | | (m) | & TYPE | STRICE | ATION | | | |
| TOP SOIL | 19.90 _ | | 0.30 | | | | | | |
| Brown soft CLAY | | | | | | | | | |
| | | | (1.70) | | | | | | |
| | 18.20 | | 0.00 | | | | | | |
| HOGGIN | 10.20 | <u>ių</u> . | 2.00 | | | | | | |
| | | | | | | | | | |
| | | | (2.00) | | | | | | |
| | | | | | | | | | |
| Brown sandy GRAVEL | 16.20 _ | | 4.00 | | | | | | |
| DIOWIT BAILUY OLIVIVEL | | | (1.00) | | | | | | |
| | 15.20 | | 5.00 | | | | | | |
| Green yellow fine SAND | | | (1.00) | | | | | | |
| | 14.20 | | 6.00 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| EY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Vater strike 1 V - Standing water 1 W - Water strike 2 X - Cuttings sample | NOTES | | | | DNITORIN ef. Elev. mA | G POINT E | ELEVATIO | N & ID | TOTAL DEPT 6.00 METRES LOGGED B' WKJ Osborr DATE LOGGE |

| | | jical Services DepartmentBOREHOLE No. 25/95UK Operations LtdSHEET1 | | | | | | | |
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| | | ING CON | | | | Concrete | (UK) Ltd | | |
| Hamble Airfield Southampton, Hampshire | | EQUIPMENT AND METHOD: Power Auger | | | | | | | |
| Southampton, nampsine | | GROUND LEVEL | | | -ORDINA | | DATE | D RILLED : : 14/6/95 | |
| ITE REF. SU 4708 | 20.10 ו | m AOD | | E 4 | E 447520.00 N 107601.00 | | | | : 14/6/95 |
| | | | | | | | | | |
| DESCRIPTION | REDUCEL | | DEPTH & (THICKNESS) | SAMPLE | WATER | MONITOR | | | |
| | (m AOD) | | (m) | DEPTH (m) & TYPE | STRIKE | ATION | | | |
| TOP SOIL | 19.80 . | | 0.30 | | | | | | |
| Brown clayey SAND | 19.10 | | (0.70) 1.00 | | | | | | |
| HOGGIN | 19.10 | | 1.00 | | | | | | |
| | | 202 | | | | | | | |
| | | $[0, \overline{O}]$ | (2.50) | | | | | | |
| | | POR | | | | | | | |
| | 46.60 | $[\Theta] \stackrel{\sim}{\ominus} $ | 3 50 | | | | | | |
| Brown sandy GRAVEL | 16.60 | | 3.50 | | | | | | |
| | | POK | | | | | | | |
| | | $[0, \bigcirc]$ | (2.00) | | | | | | |
| | 14.60 |) OK | 5.50 | | | | | | |
| Green yellow SAND | | | (0.50) (0.50) | | | | | | |
| | 14.10 | 1 | E 0.00' | | 1 | | | | |
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| . | NOTES | | | | | | ELEVATION | 1 & ID | TOTAL DEPT |
| B - Bulk distrubed sample | | | | | DNITORIN ef. Elev. mA | | ELEVATION | 1 & ID | TOTAL DEP1 6.00 METRES |
| B - Bulk distrubed sample ↓ - Water strike 1 D - Small distrubed sample ↓ - Undistrubed sample ↓ - Standing water 1 | | | | | | | ELEVATION | 1 & ID | 6.00 METRES LOGGED B |
| D - Small distrubed sample U - Undistrubed sample W - Water sample X - Cuttings sample Standing water 2 Standing water 2 | | | | | | | ELEVATION | 1 & ID | 6.00 METRES LOGGED B' WKJ Osbori DATE LOGGI |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample W - Water sample ↓ - Water strike 1 ↓ - Standing water 1 ↓ - Standing water 2 | | | | | | | ELEVATION | I & ID | 6.00 METRES LOGGED B' WKJ Osbori |

| | | Image: Market Strength and Strengthand Strengehand Strength and Strength and Strength and Strength | | | | | | | DF 1 | 1 | |
|------------------------|--|--|----------------|------------------------|---------------------|---------------------------|---------------------|-------------|----------|---------------------|--|
| | | | | | DR: Read | | | | | | |
| Hamble Airfield | | EQUIPMENT AND METHOD: Power Auger | | | | | | | | | |
| Southampton, Hampshire | | GPOU | | | | DRILLED | | | | | |
| | | GROUND LEVEL 20.70 m AOD | | | | E 447670.00 N 107609.00 S | | | | 14/6/95 | |
| TE REF. SU 4708 | | | | | | | | | FINISH : | SH : 14/6/95 | |
| | | REDUCED | | | | | | | | | |
| DESCRIPTION | | LEVEL | 1 | DEPTH & (THICKNESS) | SAMPLE DEPTH (m) | WATER | MONITOR INSTALL- | | | | |
| | | (m AOD) | | (m) | & TYPE | STRIKE | ATION | | | | |
| TOP SOIL | | 20.40 _ | <u>///////</u> | £ 0.30 _ | | | | | | | |
| Brown sandy CLAY | | | | (1.10) | | | | | | | |
| | | 19.30 | | 1.40 | | | | | | | |
| HOGGIN | | | α | Ē | | | | | | | |
| | | | . | E (1.10) | | | | | | | |
| Brown sandy GRAVEL | | 18.20 _ | 000 | 2.50 | | | | | | | |
| | | | | | | | | | | | |
| | | | 0.0. | | | | | | | | |
| | | | | (3.00) | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | 15.20 | <u> </u> | 5.50 | | | | | | | |
| Yellow green fine SAND | | 14.70 | | E (0.50) | | | | | | | |
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| ΞY | | NOTES | | | | | | ELEVATION & | | TOTAL DEPT | |

| | X I IK Onor | ations | s td | artmer | | ORE | 1 | | 1 |
|---|------------------|---------|-------------------------------|-------------------------------|--------------------------|------------------------------|---|--------|---|
| Geolo CEMEX CEME SITE NAME Hamble Airfield | DRILL | ING CON | TRACTO | DR: Read | ly Mixed (| | UK) Ltd | | 1 |
| Southampton, Hampshire | | | | | | ATES D N 1075 | DATE DRILLED START : 15/6/95 FINISH : 15/6/95 | | |
| | REDUCE | | | | | | | | |
| DESCRIPTION | LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOP SOIL | 19.80 . | | _ 0.30 _ | | | | | | |
| Soft sandy CLAY | | | (1.80) | | | | | | |
| | 18.00 | | 2.10 | | | | | | |
| HOGGIN | | | | | | | | | |
| | 16.10 | | 4.00 | | | | | | |
| Yellow fine SAND | 15.10 | | (1.00) 5.00 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample W - Water sample X - Cuttings sample C - Coarse grained W - Standing water 2 ↓ - Water strike 1 ↓ - Water strike 1 ↓ - Standing water 1 | NOTES | | | | ONITORIN ef. Elev. mA | | ELEVATION | 4 & ID | TOTAL DEPT 5.00 METRES LOGGED BY WKJ OSborr DATE LOGGE 15/06/1995 |

| Ge | | gical Services DepartmentBOREHOLE No. 28/95(UK Operations LtdSHEET1OF1 | | | | | | | | | |
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| | | | | | | | | OF | 1 | | |
| SITE NAME | | ING CON" | | | - | Concrete | (UK) Ltd | | | | |
| Hamble Airfield Southampton, Hampshire | EQUIP | EQUIPMENT AND METHOD: Po | | | | | | | | | |
| SITE REF. SU 4708 | | GROUND LEVEL 20.00 m AOD | | | - ORDINA 47691.00 | TES) N 1073 | 99.00 | DATE DRILLED START : 15/6/95 FINISH : 15/6/95 | | | |
| STE REF. 304706 | | | | | | | | FINISH | . 15/0/95 | | |
| DESCRIPTION | REDUCEI LEVEL (m AOD) | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | | |
| TOP SOIL | | ////// | 0.30 | | | | | | | | |
| Brown sandy CLAY | | | . (2.20) | | | | | | | | |
| | | | | | | | | | | | |
| HOGGIN | 17.50 | 20 | 2.50 | | | | | | | | |
| | | | - - - (3.00) | | | | | | | | |
| | 14.50 | | 5.50 | | | | | | | | |
| Yellow fine SAND | 14.00 | | (0.50) (0.50) | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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|--|--|--|---------------------------|------------|-----------------------------|-----------------|------------------------------|------------------|---|--|--|--|
| | Geologi | | /ICES De | ⊧par ⊦d | unen | | OREI EET | | .E No. E | | | |
| SITE NAME | | | | CTOR: | Apex [| | EE I Services L | 1 td | UF | 1 | | |
| Hamble Airfield | | EQUIPMENT AND METHOD: Dando Light Percussion Rig | | | | | | | | | | |
| Southampton, Hampshire | | GROU | GROUND LEVEL CO-ORDINATES | | | | | | | RILLED | | |
| SITE REF. SU 4708 | | 18.69 r | 18.69 m AOD | | EN | | | | START : 2/6/11 FINISH : 2/6/11 | | | |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | LEGEND (THICK) (THICK) |) DI | AMPLE EPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | | |
| Grass and TOPSOIL | | | 0.2 | 0 - | | | X X | 0.50 | | nstalled with raised | | |
| CLAY and SOIL | | 17.59 | [] (0.9 [] 1.1 | | | | | _ 0.50 | cover Bentonite seal | | | |
| Flint GRAVEL | | 17.59 _ | | | | | | _ 1.80 _ 3.00 | 50mm plain ul Gravel pack 50mm plain ul | PVC pipe | | |
| Dark orange GRAVEL | | 12.69 _ | | | | ∳ 4.50 | | | Gravel pack 50mm slotted | uPVC pipe | | |
| Stiff orange CLAY | | 11.69 _ 11.19 | 7.0 | | | | | | | | | |
| | | | | | | | | | | | | |
| D - Small distrubed sample U - Undistrubed sample W - Water sample V - Outline on sample V - Outline on sample | er strike 1 ding water 1 er strike 2 ding water 2 | NOTES | | | | | g point e | | ON & ID | TOTAL DEPTH 7.50 METRES LOGGED BY Driller DATE LOGGED 02/06/2011 | | |

SCALE 1:100

| ••• | mater earnpre |
|-----|-------------------|
| Х | - Cuttings sample |

- c Coarse grained
 m Medium grained
 f Fine grained

| | Geologic | al Serv | vices | Dep | artmen | t B | OREH | IOLE No. E | 3H01A | |
|--|--------------|-----------------------------|--|-------------------------------|-------------------------------|-----------------|------------------------------|--------------|--|--|
| | CEMEX U | <pre> Oper </pre> | ations | s Ltd | | | EET | 1 OF | 1 | |
| | | | DRILLING CONTRACTOR: Apex Drilling Services Ltd EQUIPMENT AND METHOD: Dando Light Percussion Rig | | | | | | | |
| lamble Airfield Southampton, Hampshire | | | | | | | | Rig | | |
| re Ref. SU 4708 | | | GROUND LEVEL CO-OF m AOD E N | | | | | START | E DRILLED RT:24/5/11 6H:24/5/11 | |
| | | DEDUGE | | | | | | | . 24/0/11 | |
| DESCRIPTION | | REDUCEL LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| rass and TOPSOIL | | | | (0.60) - 0.60 | | | | | | |
| rown orange gravely CLAY | | | | (0.70) | | | | | | |
| ravel | | | 0.00 | 1.30 | | | | | | |
| | | | Þ. O.S. | (1.70) | | | | | | |
| | | | | 3.00 | | | | | | |
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| EY | NC | TES | | | MC | NITORIN | G POINT EL | EVATION & ID | TOTAL DE 3.00 | |
| | er strike 1 | | | | | f. Elev. mA | | | 3.00 | |
| | | | | | 1 | | | | | |
| - Small distrubed sample | | | | | | | | | | |
| O - Small distrubed sample U - Undistrubed sample ¹/₂ - Star ¹/₂ - Star | ding water 1 | | | | | | | | LOGGED | |
| O) - Small distrubed sample J) - Undistrubed sample V) - Water sample V) - Water sample | | | | | | | | | METRE LOGGED Driller DATE LOG | |

SCALE 1:100

| m | - Medium grained |
|---|------------------|
| f | - Fine grained |

| CEMEX | Geological CEMEX UK (| Serv Opera | ices/ ations | Depa s Ltd | artmen | | ORE | HOL 1 | .E No. OF | BH02 | |
|--|--------------------------|-----------------------------|---|-------------------------------|-------------------------------|-----------------|------------------------------|---|----------------------------|---------------------------|---------|
| SITE NAME Hamble Airfield Southampton, Hampshire | | DRILLI | DRILLING CONTRACTOR: Apex Drillin EQUIPMENT AND METHOD: Dando Ligh | | | | | ling Services Ltd ght Percussion Rig | | | |
| | | GROUI m AOI | ND LEVE D | EL | CO- E N | ORDIN/ N | ATES | | STAF | E DRILLED RT : 24/5/11 | |
| SITE REF. SU 4708 | | | | | | | | | FINIS | SH : 24/5/11 | |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | |
| TOPSOIL | | | | 0.20 - | | | X | 0.30 | Cement se | al installed with | l flush |
| Brown clayey TOPSOIL | | | 6.4(-} | | | | | | daisy cover Bentonite s | | |
| Brown Clayey GRAVEL | | | | (0.50) | | | | _ 1.00 | | n uPVC pipe | |
| Gravely CLAY | | | محبر | - 1.30 - - <u>1.60</u> | | | | 1.60 | Gravel pac | k | |
| Sandy GRAVEL | / | | | | | | | | 50mm slot | ted uPVC pipe | |
| | | | | | | | | | | | |

| KEY B - Bulk distrubed sample D - Small distrubed sample | - Water strike 1 | NOTES Drilling terminated on cobbles/boulder. | MONITORING POINT ELEVATION & ID Ref. Elev. mAOD | TOTAL DEPTH 1.60 METRES |
|--|--|--|--|-------------------------------|
| U - Undistrubed sample W - Water sample | ♀ - Standing water 1 ♀ - Water strike 2 | | | LOGGED BY Driller |
| X - Cuttings sample c - Coarse grained | $\frac{2}{2}$ - Standing water 2 | | | DATE LOGGED 24/05/2011 |
| m - Medium grained f - Fine grained | | | | SCALE 1 : 100 |

| | Geolog | gical Serv | vices | Depa | artmer | nt B | ORE | HOL | E No. I | BH03 |
|--|--|------------------------|--|----------------------------|---------------------|---------------------------|-------------------|---------------------------|---|---|
| | CEMEX | UK Opera | ations | s Ltd | | SH | EET | 1 | OF | 1 |
| ITE NAME Hamble Airfield | | DRILLI | EQUIPMENT AND METHOD: Dando Light Percussion Rig | | | | | | | |
| Southampton, Hampshire | ; | GROU 21.48 r | ND LEVE n AOD | L | | CO-ORDINATES E N | | | DATE DRILLED START : 23/5/11 FINISH : 23/5/11 | |
| | | REDUCED | | DEPTH & | SAMPLE | | MONITOR | | | . 23/3/11 |
| DESCRIPTION | | LEVEL (m AOD) | LEGEND | (THICKNESS) (m) | DEPTH (m) & TYPE | WATER STRIKE | INSTALL- ATION | | | |
| TOPSOIL Brown GRAVEL and CLAY Orange clayey GRAVEL | | 21.28 - | 17, 07, 07) 07) | 0.20 - (3.00) | | | | 0.30 1.80 2.80 | Cement seal daisy cover Arisings Bentonite sea 50mm plain u | |
| Stiff grey CLAY | | 17.68 _ | | (0.60) 3.80 _ (3.20) | | | | | Gravel pack 50mm slotted | l uPVC pipe |
| | | 14.48 | | 7.00 | | | | . 6.80 7.00 | Gravel bottom | n fill |
| | | | | | | | | | | |
| D - Small distrubed sample U - Undistrubed sample W - Water sample ↓ - St ↓ - St | ater strike 1 anding water 1 ater strike 2 anding water 2 | NOTES | | | | ONITORIN ef. Elev. 21. | | | ION & ID | TOTAL DEPT 7.00 METRES LOGGED BY Driller DATE LOGGE 23/05/2011 SCALE |

| | Geological Serv CEMEX UK Opera | | - | BOREH SHEET | IOLE No. BH04 1 OF 1 | | | |
|---|-----------------------------------|--|--|-----------------------------------|---|--|--|--|
| ITE NAME Hamble Airfield Southampton, Hampshire | | DRILLING CONTRACTOR: Apex Drilling Services Ltd EQUIPMENT AND METHOD: Dando Light Percussion Rig | | | | | | |
| SITE REF. SU 4708 | GROUN m AOI | ND LEVEL D | CO-OF E N | RDINATES | DATE DRILLED START : 31/5/11 FINISH : 1/6/11 | | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND (THICKNI (THICKNI (m) | & SAMPLE ^(SS) DEPTH (m) S' & TYPE | ATER MONITOR INSTALL- ATION | | | | |
| Grass and TOPSOIL | | 0.20 | | | 0.40 Cement seal installed with flush | | | |
| Clayey TOPSOIL | | (0.8) 1.00 | | | daisy cover 1.00 Bentonite seal | | | |
| Brown CLAY | | (0.6 1.60 | p) | | 50mm plain uPVC pipe Arisings | | | |
| Gravely CLAY | | <u> </u> | | | 1.80 50mm plain uPVC pipe Bentonite seal | | | |
| Brown orange sandy CLAY | | ······································ | ູ | | 50mm plain uPVC pipe | | | |
| | | ······································ | · | | 2.80 Gravel pack3.00 50mm plain uPVC pipe | | | |
| Dense flint GRAVEL | | | | | Gravel pack 50mm slotted uPVC pipe | | | |
| Orange sandy CLAY | | | | | 6.00 | | | |
| | | | | | | | | |

| KEY B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample | ↓ - Water strike 1 ↓ - Standing water 1 ↓ Water strike 2 | NOTES | MONITORING POINT ELEVATION & ID Ref. Elev. mAOD | TOTAL DEPTH 6.00 METRES LOGGED BY Driller |
|--|--|-------|--|---|
| | 1 × | | | |
| m - Medium grained f - Fine grained | | | | SCALE 1 : 100 |

| | Geological | | | - | artmen | t B | ORE | HOL | .E No. I | BH05 |
|---|---|--|--------|-------------------------------|-------------------------------|-----------------|------------------------------|--------|--|--|
| | CEMEX UK | Oper | ations | s Ltd | | SH | EET | 1 | OF | 1 |
| SITE NAME Hamble Airfield | | DRILLING CONTRACTOR: Apex Drilling Services Ltd EQUIPMENT AND METHOD: Dando Light Percussion Rig | | | | | | | | |
| Southampton, Hampshire | | GROUND LEVEL 20.58 m AOD | | CO-ORDINATES E N | | TES | START | | DRILLED : 25/5/11 : 25/5/11 | |
| | | | | | | | | | | |
| DESCRIPTION | | REDUCEI LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| TOPSOIL | / | - 20.38 | | 0.20 - | | | 🕅 🕅 | 0.30 | | nstalled with flush |
| | / | + 20.08 | | - 0.50 - | | | | | daisy cover | 1 |
| Brown CLAY | | | | (1.10) | | | | | Bentonite sea 50mm plain u | |
| Dense GRAVEL | | 18.98 | | (2.20) | | | | _ 2.00 | Gravel pack | |
| | | | Dis C | | | | | | 50mm slotted | l uPVC pipe |
| Brown Sandy GRAVEL | | 16.78 | | 3.80 _ (0.70) 4.50 | | | | 4.50 | | |
| D - Small distrubed sample | er strike 1 | S | | | | | G POINT E 58mAOD n | | ION & ID | TOTAL DEPTH 4.50 METRES |
| D - Small distrubed sample U - Undistrubed sample W - Water sample - Water | ding water 1 er strike 2 ding water 2 | | | | | | | | | Driller DATE LOGGED 25/05/2011 SCALE 1 : 100 |
| L | | | | | I | | | | | |

| | Geolog | ical Serv | vices | Depa | artmer | nt B | ORE | HOL | E No. | BH06 |
|--|--|-----------------------------|--------|-------------------------------|-------------------------------|---------------------------|------------------------------|---|--|--|
| | CEMEX | | | | | | EET | 1 | OF | 1 |
| SITE NAME Hamble Airfield | | | | ITRACTO | HOD: Danc | Drilling S lo Light F | | | | |
| Southampton, Hampshire | | GROUND LEVEL 19.29 m AOD | | | CO-ORDINATES E N | | | DATE DRILLED START : 27/5/11 FINISH : 27/5/11 | | RT : 27/5/11 |
| DESCRIPTION | | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Brown TOPSOIL | | 17.99 | | (1.30) 1.30 | | | | _ 0.40 | daisy cover Bentonite s 50mm plair | eal 1 uPVC pipe |
| GRAVEL | | | | (1.70) | | | | - 1.50 | Gravel pack | n uPVC pipe |
| | | 16.29 | h n.C | 3.00 | | | ° C ° C | 3.00 | | |
| | | | | | | | | | | |
| D - Small distrubed sample U - Undistrubed sample W - Water sample - Water sample | er strike 1 ding water 1 er strike 2 ding water 2 | NOTES | | | | ONITORIN ef. Elev. 19. | | | ION & ID | TOTAL DEPTH 3.00 METRES LOGGED BY Driller DATE LOGGED 27/05/2011 SCALE 1 : 100 |

| | | 1062 | Deb | artmer | | UREF | IOL | E No. BH09. | |
|---|--------------------|---------|-----------------------------|---------------------|-------------------------|-------------------|--------------|------------------------------|--|
| | | | | | | | | | |
| TE NAME | DRILL | ING CON | ITRACTO | | Symes As | SSOC. | | | |
| Hamble Airfield | EQUIP | MENT A | ND METI | HOD: | | | | | |
| Southampton, Hampshire | GROU | ND LEVE | со | CO-ORDINATES | | | DATE DRILLED | | |
| | 20.70 m AOD | | | | E 447843.11 N 107537.04 | | | START : 28/2/08 | |
| TE REF. SU 4708 | | | | | | | | FINISH : 29/2/08 | |
| | REDUCED | | DEPTH & | SAMPLE | | MONITOR | | | |
| DESCRIPTION | LEVEL (m AOD) | | (THICKNESS) (m) | DEPTH (m) & TYPE | WATER STRIKE | INSTALL- ATION | | | |
| Grass over TOPSOIL | , | | | & ITPE | | | | Deite al according to the d | |
| | 20.20 | | (9. 5 9) 0.70 | | | ₿₿. | 0.50 | Raised cover installed | |
| Soft and firm light brown/orange sandy CLAY Soft brown clayey SAND/sandy CLAY. | 7 20.00 | | | | | | | | |
| Sort Slowin dayby Child Sandy Child | | | (1.60) | | | | | | |
| | | | Ê | | | | | | |
| Red brown clayey sand and and GRAVEL. | 18.40 | | 2.30 | | | | | Bentonite seal | |
| Brown sandy GRAVEL.Sub-angular to sub-rounded | 18.00 | | 2.70 | - 2.70 - | _ | | | 100mm uPVC plain pipe | |
| gravel. Sand is generally medium to coarse grained. | | | | | | | | | |
| | | | | | | | | | |
| | | | | В | | | | | |
| | | P.O.S. | (4.00) | Б | | | 4.60 | | |
| | | | E (| | | ° E° | | | |
| | | Þ 05 | | | ± 5.65 | | | | |
| | | ¢Q Ō. | | - 6.10 - | Ŧ | | | Gravel filter pack | |
| | 14.00 | 5 OK | 6.70 | | 1 6 70 | | | 100mm uPVC slotted pipe | |
| Yellow/green silty SAND with sandy clay bands. Sand is | 14.00 | × | E 0.70 | - 6.70 - | ⊈ 6.70 | | | | |
| fine to medium grained. | | × | | | | ۅ۫ۿؖؖؖڝؚ؋ | 7.00 | | |
| | | × | (2.10) | В | | | 7.60 | One well is a the set of the | |
| | | × | | | | 0 0 0 0 0 0 0 | | Gravel bottom fill | |
| | 11.90 | × | 8.80 | | | | 8.80 | | |
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| Geolog | gical Serv | vices | Depa | artmen | t B | ORE | IOL | .E No. BH10 |
|--|-----------------------------|-------------------|-------------------------------|-------------------------------|-------------------------|------------------------------|-------|---|
| | UK Opera | ations | s Ltd | | SH | IEET | 1 | OF 1 |
| SITE NAME Hamble Airfield Southampton, Hampshire | DRILLI | NG CON MENT AI | TRACTO | | ymes As | SSOC. | | |
| SITE REF. SU 4708 | GROUN 15.94 n | ND LEVE n AOD | ïL | | ORDIN 8083.18 | ATES 8 N 10764 | 47.35 | DATE DRILLED START : 20/2/08 FINISH : 20/2/08 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | |
| Grass over TOPSOIL | 15.44 | | (0.50) | - 0.50 — | | | 0.50 | Raised cover installed |
| Brown sandy GRAVEL | | | (4.60) | B - 2.50 — | ⊉ 2.46 ₽ 3.00 | | 2.50 | Bentonite seal 100mm uPVC plain pipe |
| | | | | В | ¥ 3.00 | | | Gravel filter pack 100mm uPVC slotted pipe |
| Brown SAND | 10.84 10.44 |) P (| 5.10 | - 5.10 — | | | 5.50 | Gravel bottom fill |
| | / 10.44 | <u> </u> | 5.60 ± | | | | 5.60 | |

- B Bulk distrubed sample D Small distrubed sample U Undistrubed sample

- W Water sample
- X Cuttings sample

- I → Water strike 1 ✓ - Standing water 1
 ✓ - Water strike 2

- ♣ Standing water 2

- c Coarse grained
- m Medium grained f Fine grained

- Water added to assist drilling 1.0-5.5 m. Borehole cover repaired by Apex Drilling Services Ltd. in 2011

NOTES

MONITORING POINT ELEVATION & ID Ref. Elev. 15.94mAOD mAOD

TOTAL DEPTH 5.60 METRES LOGGED BY DATE LOGGED SCALE 1:100

| | • • • | | | | | | | | | |
|--|-----------------------------|------------------|-----------|--------------------|---------------------|--------------|--------------------|---|-----------------------------|---------------------------|
| CEMEX | Geologi | | | | artmer | | | | E No. | |
| | CEMEX L | | | S LLCI | DR: Anex | | IEET Services l | 1 td | OF | 1 |
| Hamble Airfield | | | | | HOD: Dano | - | | | | |
| Southampton, Hampshire | | | | EL | | -ORDIN/ | ATES | | DATE | |
| SITE REF. SU 4708 | | m AOI | m AOD E N | | N | | | START : 26/5/11 FINISH : 26/5/11 | | |
| | | REDUCED | | DEPTH & | SAMPLE | | MONITOR | | | |
| DESCRIPTION | | LEVEL (m AOD) | LEGEND | (THICKNESS) (m) | DEPTH (m) & TYPE | WATER | INCTALL | | | |
| Brown clayey TOPSOIL | | | | | | | | _ 0.50 | | I installed with flush |
| | | | | (1.60) | | | | _ 0.00 | daisy cover Bentonite se | |
| | | | | £ _ 1.60 _ | | | | 1 00 | 50mm plair | i uPVC pipe |
| Dense brown GRAVEL | | | | | | | | _ 1.80 | | |
| | | | 000 | | | | | | | |
| | | | P OS | (2.90) | | | | | Gravel pack 50mm slott | ed uPVC pipe |
| | | | 0.0 | | | | | | | |
| Stiff brown CLAY | | | <u> </u> | 4.50 (0.50) | | | | _ 4.80 | Gravel botto | om fill |
| | | | | <u>- 5.00 ′ </u> | | | 00,09 | 5.00 | | |
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| KEY | | NOTES | | | | | | ELEVAT | ION & ID | TOTAL DEPTH 5.00 |
| D - Small distrubed sample | er strike 1 ding water 1 | | | | R | ef. Elev. m/ | | | | METRES LOGGED BY |
| W - Water sample W - Water sample | er strike 2 | | | | | | | | | Driller |
| c - Coarse grained | ding water 2 | | | | | | | | | DATE LOGGED 26/05/2011 |
| m - Medium grained f - Fine grained | | | | | | | | | | SCALE 1 : 100 |

| | | ations | | | | EET | 1 | OF | 1 |
|--|-----------------------------|--------|-------------------------------|-------------------------------|--------------------|------------------------------|-------|------------------------------|----------|
| ITE NAME Hamble Airfield | | | ITRACTO | | Symes As | SSOC. | | | |
| Southampton, Hampshire | GROUI | | - | <u> </u> | ORDINA | TES | | ΠΔΤΕ Π | RILLED |
| ITE REF. SU 4708 | 20.07 r | | | | | 3 N 1073 | 09.65 | OTADT 0/0/00 | |
| IIE REF. 50 4708 | | | | | | | | FINISH | : 3/3/08 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Grass over TOPSOIL | 19.17 | | (0.90) 0.90 | | | | 0.50 | Raised cover i | nstalled |
| Soft brown sandy CLAY | | | (1.20) | | | | | | |
| Red brown clayey sandy GRAVEL | 17.97 | | 2.10 | | | | | Bentonite seal 100mm uPVC | |
| Brown sandy GRAVEL. Subangular to subrounded fine to | 17.37 | | 2.70 | - 2.70 — | - | | | | |
| coarse flint gravel with some cobbles. Sand generally medium/coarse grained. | | | | | | 0 | 3.50 | | |
| | | | (3.60) | В | | | | Gravel filter pa | ck |
| | | | | | 1 ⊈ 5.53 | | | 100mm uPVC | |
| Yellow SAND with yellow brown sandy clay bands. | 13.77 | | 6.30 | - 6.30 — | ⊉ 6.30 | | 6.50 | | |
| | | | (1.70) | | | | | Gravel bottom | fill |
| | 12.07 | | 8.00 | | | 0000 | 8.00 | | |
| | | | | | | | | | |
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| ITE NAME Hamble Airfield | | ING CON MENT AI | IIRACIO | | Symes As | EET ssoc. | 1 (| OF | 1 |
|---|------------------|---------------------------|-------------------------------|----------------------|---|------------------------------|-----|------|--|
| Southampton, Hampshire | | ROUND LEVEL 8.70 m AOD | | | CO-ORDINATES E 447420.42 N 108156.24 | | | STAR | DRILLED T : 25/2/08 H : 26/2/08 |
| DESCRIPTION | REDUCED | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) | WATER STRIKE | MONITOR INSTALL- ATION | | | n . 20/2/00 |
| Grass over TOPSOIL. | (m AOD) 18.00 | | (0.70) 0.70 | & TYPE | | | | | |
| fellow & orange brown clayey to very clayey SAND & GRAVEL (hoggin). ang. to subrounded fine to medium ravel (occ. coarse) of flint. sand is fine to coarse. | | 10101 1010 | (1.90) | - 0.70 - | _ | | | | |
| Grey brown, brown with depth silty sandy GRAVEL. ubanugular to rounded flint gravel, sand is fine to coarse. | 16.10 | | 2.60 _ | В | ⊉ 2.74 | | | | |
| rown sandy GRAVEL, fine to course gravel gen. red/coarse occ. cobbles of flint. sand is fin to coarse. | 15.10 _ | | 3.60 | - 3.60 - B | _ ∳ 3.60 | | | | |
| Brown sandy CLAY. | 12.70 | | (2.40) 6.00 | - 6.00 - | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

SCALE 1 : 100

| υ | - Small distrubed sample | <u>ب</u> | . |
|---|-------------------------------------|----------|--------------------|
| U | - Undistrubed sample | ¥ | - Standing water 1 |
| W | - Water sample | Ţ | - Water strike 2 |
| Х | Cuttings sample | ⊉ | - Standing water 2 |
| С | - Coarse grained | - | |
| m | - Medium grained | | |
| f | - Fine grained | | |
| | | | |

| | | VICES | Depa | artmer | | | | | BHB/08 |
|---|-----------------------------|---------|-------------------------------|-------------------------------|--|------------------------------|------|---|--------|
| | DRILL | ING CON | TRACTO | | SH SH SH Symes As | EET ssoc. | 1 | OF | 1 |
| Hamble Airfield Southampton, Hampshire | | MENT AN | | | -ORDINA | OT A DT 04/0/00 | | | |
| SITE REF. SU 4708 | 22.42 m AOD | | | E 4 | 47639.22 | 2 N 10830 | 1.06 | START : 21/2/08 FINISH : 21/2/08 | |
| DESCRIPTION | REDUCEI LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Grass over TOPSOIL. | 22.02 | | 0.40 | | | | | | |
| Firm brown SILT/CLAY. Light brown SAND & GRAVEL / sandy GRAVEL. sub ang. to rounded fine to coarse gravel (clayey to 1.3 m) occ/some cobbles of black & brown flint. Sand is fine to | 21.72 | | 0.70 | - 0.70 - | | | | | |
| coarse. | | | (3.00) | В | | | | | |
| | | | | | ⊉ 2.50 ½ 3.04 | | | | |
| Orange brown silty SAND with frequent soft brown sandy | 18.72 | 5.0,Q? | 3.70 | - 3.70 - | _ | | | | |
| clay bands. | | × | (1.70) | | | | | | |
| | 17.02 | × | 5.40 | - 5.50 ^B - | | | | | |
| Firm blue grey slightly sandy CLAY. | 16.02 | | (1.00) 6.40 | 0.00 | | | | | |
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| | ii Serv Opera | vices ations | Depa s Ltd | artmer | | | DLE No. BH 1 OF 1 | C/08 | |
|--|--|----------------------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|---|-------|--|
| TE NAME Hamble Airfield | DRILLING CONTRACTOR: D K Symes Assoc. EQUIPMENT AND METHOD: | | | | | | | | |
| Southampton, Hampshire | GROUND LEVEL 21.75 m AOD | | | | - ORDINA 47873.19 | NTES 9 N 108353. | 22 DATE DRIL START : 18 FINISH : 19 | /2/08 | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Grass over TOPSOIL. | 21.15 | | (0.60) - 0.60 | | | | | | |
| oft & firm orange brown mottled grey SILT/CLAY. | 21.15 _ 20.65 | ×× | ε 0.60' (ρ. <u>5</u> 0) | | | | | | |
| ght brown slightly silty SAND & GRAVEL. Ang. to ubrounded fine to coarse gravel of brown, grey & while nt. Sand is fine to coarse. | 20.03 _ | ×, 0, 0, , 0, 0, , 0, 0, , | (1.80) | - 1.10 – B | 1.37 ⊥ | | | | |
| oft & firm orange grey sandy CLAY. | 18.85 _ | | 2.90 | - 2.90 – | ⊉ 2.90 | | | | |
| Firm and stiff grey blue CLAY weathered brown on top. | 18.25 | | (0.60) 3.50 3.80 | | | | | | |
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|--|--|-------|--|-------------------------------|
| KEY B - Bulk distrubed sample | - Water strike 1 | NOTES | MONITORING POINT ELEVATION & ID Ref. Elev. mAOD | TOTAL DEPTH 3.80 METRES |
| D - Small distrubed sample U - Undistrubed sample W - Water sample | | | | LOGGED BY |
| X - Cuttings sample c - Coarse grained | $\stackrel{\bullet}{\Rightarrow}$ - Standing water 2 | | | DATE LOGGED |
| m - Medium grained f - Fine grained | | | | SCALE 1 : 100 |

| | (Opera | ations | <u>L</u> td | artmer | | EET | 1 | OF | 1 |
|---|-----------------------------|---------------|-------------------------------|-------------------------------|---|------------------------------|-----------|--------|---|
| ITE NAME | DRILL | ING CON | TRACTO | | Symes As | SSOC. | | | |
| Hamble Airfield Southampton, Hampshire | EQUIP | MENT AN | ND METI | HOD: | | | | | |
| ITE REF. SU 4708 | GROUND LEVEL 19.63 m AOD | | | | CO-ORDINATES E 447673.80 N 108047.44 | | | | RILLED : 26/2/08 : 26/2/08 |
| ITE KEF. 30 4700 | | | | | | | | FINISH | . 20/2/00 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Grass over TOPSOIL. | | | (0.80) | | | | | | |
| Orange brown very sandy CLAY. Fine to medium sand, | 18.83 | · · · · · | 0.80 | | | | | | |
| traces of fine gravel. Brown sandy gravelly CLAY / very clayey sand & gravel. | 18.03 | | (0.80) _ 1.60 _ | | | | | | |
| Fine to medium flint gravel (hoggin). | | | (1.60) | | | | | | |
| | 16.42 | | Ì | | 1 | | | | |
| Brown sandy GRAVEL. Subangular to subrounded fine | 16.43 | | 3.20 | - 3.20 - | ± 3.20 | | | | |
| tocoarse gravel, occ./some cobbles - of white grey & orown flints. Sand is fine to coarse. | |) OS | (1.70) | В | ⊥⊈ 3.86 | | | | |
| | 14.73 | | 4.90 | 4.00 | | | | | |
| Firm orange brown sandy CLAY with sand lenses. | | | (1.10) | - 4.90 - | | | | | |
| | 13.63 | | 6.00 | | | | | | |
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| | | | | | | | | | |
| 3 - Bulk distrubed sample ↓ - Water strike 1 W 0 - Small distrubed sample ↓ - Water strike 1 W J - Undistrubed sample ↓ - Standing water 1 W V - Water sample ↓ - Water strike 2 V K - Cuttings sample ↓ - Standing water 2 | TES ater added to | o assist dril | ling 3.2 - 1 | _ | ONITORIN ef. Elev. mA | | ELEVATION | & ID | TOTAL DEPT 6.00 METRES LOGGED B DATE LOGG |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample W - Water sample W - Water strike 2 | | o assist dril | ling 3.2 - 1 | _ | | | ELEVATION | & ID | 6.00 METRES LOGGED B |

| KEY B - Bulk distrubed sample D - Small distrubed sample | 🛓 - Water strike 1 | NOTES Water added to assist drilling 2.3 - 5.5 m. | MONITORING POINT ELEVATION & ID Ref. Elev. mAOD | TOTAL DEPTH 6.00 METRES |
|--|--|--|--|-------------------------------|
| U - Undistrubed sample W - Water sample | ♀ - Standing water 1 ♀ - Water strike 2 | | | LOGGED BY |
| X - Cuttings sample c - Coarse grained | ♣ - Standing water 2 | | | DATE LOGGED |
| m - Medium grained f - Fine grained | | | | SCALE 1 : 100 |

| | <u>Opera</u> | <u>atio</u> ns | <u>Ltd</u> | | SH | IEET | 1 OF | = | 1 |
|--|----------------------------------|-------------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|---------------|---|--|
| ITE NAME Hamble Airfield | DRILLI | NG CON MENT AN | TRACTO | | Symes A | SSOC. | | | |
| Southampton, Hampshire | GROUI 19.31 r | ND LEVE m AOD | L | E 447967.79 N 107921.56 S | | | | | RILLED : 19/2/08 : 20/2/08 |
| | | | | | | | • | | . 20/2/00 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| Grass over TOPSOIL. Brown silty SAND & GRAVEL in part gravelly sand. To clayey sand & gravel down. Ang. To rounded fine to produce service of the Control is direct to control (herein) | 18.81 _ | | (0.50) | 0.50 | - | | | | |
| nedium gravel of flint. Sand is fine to coarse (hoggin). | | | (2.70) | В | | | | | |
| Yellow brown clayey SAND with frequent brown sandy slay bands. Sand is fine. | 16.11 _ | | 3.20 | 3.20 | _ ¥ 3:20 | | | | |
| , | | | | | | | | | |
| | | | (5.00) | В | | | | | |
| | | | | | | | | | |
| Firm to stiff yellow brown slightly sandy CLAY. | <u> </u> 11.11 / <u>11.01</u> | | 8.20 8.30 | 8.20 | _ | | | | |
| | | | | | | | | | |
| | rES ater added to | o assist dril | ling 3.0 - 6 | | /IONITORIN Ref. Elev. m/ | | ELEVATION & I | D | TOTAL DEP1 8.30 METRES LOGGED B |
| U - Undistrubed sample ↓ - Standing water 1 W - Water sample ↓ - Water strike 2 X - Cuttings sample ↓ - Standing water 2 | | | | | | | | | DATE LOGGI |
| U - Undistrubed sample | | | | | | | | | |

| Geologic | al Serv | /ices | Dep | artmen | it∣B | ORE | HOLE | : NO . | BHG/08 |
|---|--|--|--------------------|---------------------|-------------------------|-------------------|----------|---------------|--|
| | K Opera | ations | s Ltd | | SH | EET | 1 | OF | 1 |
| TE NAME | | ING CON | | | Symes As | SSOC. | | | |
| Hamble Airfield | EQUIP | MENT AN | ND METI | HOD: | | | | | |
| Southampton, Hampshire | GROU | ND LEVE | L | | | | | | DRILLED |
| | 21.40 ו | 21.40 m AOD E 447730.70 N 107781.38 STAI | | | | | | : 27/2/08 | |
| ITE REF. SU 4708 | | | | | | | | FINISH | : 28/2/08 |
| | REDUCE | | DEPTH & | SAMPLE | WATER | MONITOR | | | |
| DESCRIPTION | LEVEL (m AOD) | LEGEND | (THICKNESS) (m) | DEPTH (m) & TYPE | STRIKE | INSTALL- ATION | | | |
| Grass over TOPSOIL. | | | | 4.1.12 | | | | | |
| | 20.70 | | (0.70) 0.70 | | | | | | |
| Soft light brown very sandy CLAY. | | | | | | | | | |
| | | | (1.40) | | | | | | |
| | 19.30 | | 2.10 | | | | | | |
| Soft brown gravelly CLAY. | 18.60 | | (0.70) 2.80 | | | | | | |
| Brown silty SAND & GRAVEL (hoggin). | 18.60 | | 2.80 _ 3.20 | 2.00 | | | | | |
| Brown SAND & GRAVEL. Ang. To subrounded fine to coarse flint gravel occ. Cobble. Sand is fine to coarse | | Č,Č, | | - 3.20 — |] | | | | |
| penerally coarse. | | | (1.30) | | | | | | |
| - | 16.90 | | 4.50 | | | | | | |
| Some slight hydrocarbon contamination 4.0-5.0 m depth Dry black residue on gravel. No oil sheen on water. | • | | | В | | | | | |
| | | 00 | (2.00) | | | | | | |
| | | | | | ₩ 5:68 | | | | |
| | 14.90 | \mathcal{O} | 6.50 | - 6.50 — | - | | | | |
| Yellow brown SILTY SAND with some brown sandy clay pands. | | × | (0.80) | 0.00 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample W - Water sample W - Water sample V - Water strike 2 | DTES Nater added to Possible perch | | | _ | DNITORIN f. Elev. mA | G POINT E | ELEVATIO | N & ID | TOTAL DEPT 7.30 METRES LOGGED B |
| B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample U - Undistrubed sample | Nater added to | | | _ | | | ELEVATIO | N & ID | 7.30 METRES |

| | ai Jerv | vices Dep | Jai u 1181 I | | | | | BHH/08 |
|--|------------------------|---|-----------------|---------------------------|------------------|---------|--------|--|
| | | | | | EET | 1 | OF | 1 |
| ITE NAME Hamble Airfield | | ING CONTRAC [®] MENT AND ME | | Symes As | SSOC. | | | |
| Southampton, Hampshire | EQUIP | | | | | | | |
| oodinampion, nampsime | | ND LEVEL | |)-ORDIN/ | | | | DRILLED : 4/3/08 |
| ITE REF. SU 4708 | 19.90 ו | m AOD | E4 | 147582.12 | 2 N 10753 | 89.80 | | : 4/3/08 |
| | | | | | | | | |
| DESCRIPTION | REDUCEI LEVEL | LEGEND (THICKNES | SAMPLE | WATER | MONITOR | | | |
| | (m AOD) | (m) | & TYPE | STRIKE | ATION | | | |
| Grass over TOPSOIL. | 40.00 | 6.60 |) | | | | | |
| Firm brown SILT/CLAY. | 19.30 | × | ´- | | | | | |
| | 40.00 | $\times \xrightarrow{\times} \times \xrightarrow{\times} 100$ |) | | | | | |
| Brown clayey sandy GRAVEL / gravelly CLAY (hoggin). | 18.30 | | - | | | | | |
| Brown sandy GRAVEL. Ang. to subrounded fine to | 17.50 | | + 2.00 - | | | | | |
| coarse gravel & flint occ. cobbles. Sand generally med / coarse. | | | | | | | | |
| | | | | | | | | |
| | | (3.70 | В | | | | | |
| | | |) | 1 | | | | |
| | | | | ⊈ 4.52 | | | | |
| | | | | | | | | |
| | 14.20 | 5.70 | - 5.70 - | ₫ 5.70 | | | | |
| Brown silty SAND with brown clay bands. | | | | | | | | |
| | | (1.80) |) | | | | | |
| | 12.40 | × 7.50 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | DTES /ater added to | o assist drilling 2.0 | | ONITORIN lef. Elev. m4 | G POINT EL | EVATION | 4 & ID | TOTAL DEPT 7.50 METRES LOGGED BY DATE LOGGE SCALE |

| Geologica | I Serv | vices | Depa | artmen | t B | ORE | | lo. BHL/08 | |
|---|---------------------|--------------|-------------------------------|---------------------|------------------------|------------------------------|---------------------------------|------------------------|----------|
| | Opera | ations | s Ltd | | | EET | 1 OF | | |
| SITE NAME | DRILL | ING CON | ITRACTO | | ymes As | SSOC. | | | |
| Hamble Airfield Southampton, Hampshire | EQUIP | MENT A | ND METH | HOD: | | | | | |
| Southampton, Hampshire | | | | | | | DATE DRILLED START : 21/2/08 | | |
| SITE REF. SU 4708 | 16.40 ι | m AOD | | E 44 | 8109.14 | N 1073 | 27.11 | INISH : 21/2/08 | |
| | REDUCED | h | | | | | | | |
| DESCRIPTION | LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) | WATER STRIKE | MONITOR INSTALL- ATION | | | |
| | (maod) | | F | & TYPE | | | | | |
| Grass over TOPSOIL. | 15.80 | | (0.60) 0.60 | | | | | | |
| Very dense silty sandy GRAVEL. Ang. To subrounded fine to coarse gravel of flint occ. cobble. Sand is fine to | 15.00 | | (0.80) 1.40 | | | | | | |
| \coarse. Water draining away immediately. Unable to \progress borehole. \} | | | 1.10 | | | | | | |
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| KEY NOT B - Bulk distrubed sample ↓ - Water strike 1 Wa | ES iter added to | o acciet dui | | | NITORIN f. Elev. mA | | ELEVATION & I | 1.40 | |
| D - Small distrubed sample | | ບ ລວວເວີເ UN | ming 1.0 - 1 | .+ | | | | METRE LOGGED | |
| W - Water sample W - Water sample - Water strike 2 | | | | | | | | | |
| X - Cuttings sample c - Coarse grained ↓ - Standing water 2 | | | | | | | | DATE LOG | |
| m - Medium grained f - Fine grained | | | | | | | | SCALE 1 : 100 | <u>ב</u> |

| | | | | | | IEET | 1 | OF | 1 | |
|---|------------------|--|--------------------|--|---|-------------------|----------|----------------------------------|--|--|
| ITE NAME Hamble Airfield | | ING CON MENT AI | |)R: Sou [:] IOD: Dan | theastern do 4000 | Drilling S | Services | Ltd. | | |
| Southampton, Hampshire | GROU | ND LEVE n AOD | | CC | CO-ORDINATES E 447427.05 N 108160.76 | | | DATE DRILLED START : 22/11/18 | | |
| TE REF. SU 4708 | 10.00 1 | II AOD | | E | 41421.0 | 5 1 100 | 100.70 | | : 23/11/18 | |
| | REDUCED | þ | DEPTH & | SAMPLE | | MONITOR | | | | |
| DESCRIPTION | LEVEL (m AOD) | LEGEND | (THICKNESS) (m) | DEPTH (m) & TYPE | WATER STRIKE | INSTALL- ATION | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY vith rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets | 18.70 | | 0.10 | | | | _ 0.50 | | pleted with upstandi steel secure covers 50m bal | |
| re <1mm (TOPSOIL). Soft orangish brown slightly sandy slightly gravelly CLAY. | 17.30 | | 1.50 | | | | | | | |
| and is fine to medium. Gravel is subangular to ubrounded, fine to medium of flint (SUPERFICIAL | 16.80 | 0.000000 | (2.50) | | | | | | | |
| DEPOSITS). | | | | | | | | | | |
| ne to coarse GRAVEL of flint. Sand is fine to coarse RIVER TERRACE DEPOSITS). | | | | | | | | | | |
| Brownish orange sandy subangular to subrounded | | | | | | | | 50mm black H | from 0.50-7.00m bo IDPE plain pipe fror | |
| GRAVEL of flint with low cobble content. Cobbles are ubrounded of flint (RIVER TERRACE DEPOSITS). | | \bigcirc | (5.00) | | | | | +0.30m to 7.5 | 0m bgl | |
| | | | | | ⊉ 5.00 | | | | | |
| | | | | | | | | | | |
| | | | - | | | | | | | |
| | 11.80 |) Q | 7.00 | | | | _ 7.00 | Bedding sand | from 7.00-7.10mbgl | |
| irm brown slightly sandy silty CLAY. Sand is fine MARSH FARM FORMATION) | - 11.60 - | | - 7.20 - | | | | 7 50 | | | |
| irm to stiff thinly laminated dark grey silty CLAY MARSH FARM FORMATION) | | | _ | | | | | | | |
| , | | | | | | | | | | |
| | | | | | | | | | | |
| | | | (5.30) | | | | | 10mm non-cal from 7.10-12.5 | careous gravel pack | |
| | | | | | | | | 50mm black H | HDPE slotted pipe w rom 7.50-12.50m bg | |
| | | | | | | | | | o | |
| | | | | | | | | | | |
| | 6.30 | | 12.50 | | | | 12.50 | | | |
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| EY NOTE | S | | | | IONITORIN | | | ION & ID | TOTAL DEPT 12.50 | |
|) - Small distrubed sample | | ed by Geoto Cable perc | | | Ref. Elev. 18 op Cover 19 | | | | METRES | |
| J - Undistrubed sample | nm & case | d from GL | | 50mm | - 20.01 10 | | | | LOGGED BY P Hird | |
| | | | | | | | | | DATELOOOF | |
| K - Cuttings sample | 12.50m. I | Bentonite s dding sand | | | | | | | DATE LOGGE 22/11/2018 | |

| Geological CEMEX CEMEX UK SITE NAME Hamble Airfield | DRILLI | ING CON | TRACTO | | outheastern ando 4000 | IEET Drilling S | ervices | OF 1 |
|--|--|---|---|---------------------------------|--|------------------------------|----------------------|---|
| Southampton, Hampshire | | ND LEVE m AOD | EL | | CO-ORDIN E 447649.4 | - | 97.56 | DATE DRILLED START : 20/11/18 FINISH : 21/11/18 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (r & TYPE | n) STRIKE | MONITOR INSTALL- ATION | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium of flint (SUPERFICIAL DEPOSITS). Orangish brown clayey sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse (RIVER TERRACE DEPOSITS). Yellowish orange slightly gravelly clayey fine to coarse SAND with occasional lenses of orangish grey sandy clay (RIVER TERRACE DEPOSITS) Firm to stiff thinly laminated dark grey silty CLAY (MARSH FARM FORMATION) | 22.24 21.84 20.24 16.44 | | 0.20 0.60 (1.60) 2.20 (3.80) 6.00 (4.70) 10.70 | | | | 6.10 6.20 6.70 | Borehole completed with upstandin blue lockable steel secure covers concreted to 0.50m bgl Bentonite seal from 0.50-6.10m bg 50mm blue UPVC plain pipe from +0.30m to 6.70m bgl Bedding sand from 6.10-6.20mbgl 10mm non-calcareous gravel pack from 6.20-10.70m bgl 50mm blue UPVC slotted pipe with 1mm screen from 6.70-10.70m bgl |
| D - Small distrubed sample ↓ - Standing water 1 pitter U - Undistrubed sample ↓ - Standing water 1 150r W - Water sample ↓ - Water strike 2 plain X - Cuttings sample ↓ - Standing water 2 6.70 | tion cleare d to 1.2m. nm & case pipe from - 10.70m. I | ed by Geoto Cable pero d from GL +0.30-6.70 Bentonite s | cusive drilli to 6.00m. 0 and slotte | and ng in 50mm ed from | MONITORIN Ref. Elev. 22 Top Cover 22 | .44mAOD m | AOD | ION & ID TOTAL DEPT 10.70 METRES LOGGED BY P Hird DATE LOGGE 20/11/2018 |

| Geological Services Department BOREHOLE No. W CEMEX UK Operations Ltd SHEET 1 OF 1 | | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| SITE NAME Hamble Airfield | DRILLING CONTRACTO | R: Southeastern | Drilling Services L | - | | | | |
| SITE REF. SU 4708 | GROUND LEVEL 21.61 m AOD | CO-ORDINA | ATES 7 N 108351.57 | DATE DRILLED START : 19/11/18 FINISH : 20/11/18 | | | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | SAMPLE DEPTH (m) & TYPE | MONITOR INSTALL- ATION | | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium of flint (SUPERFICIAL DEPOSITS). Firm orangish brown slightly sandy gravelly CLAY. Sand is fine to coarse. Gravel is subangular to rounded, fine to coarse of flint (RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subrounded GRAVEL of flint with low cobble content. Cobbles are subrounded of flint (RIVER TERRACE DEPOSITS). Brownish grey silty very clayey fine to medium SAND (EARNLEY SAND FORMATION). Firm to stiff thinly laminated dark grey silty CLAY (MARSH FARM FORMATION) | | | 8 0.50 b B C C C C C C C C C C C C C | Iorehole completed with upstanding lue lockable steel secure covers oncreted to 0.50m bgl Sentonite seal from 0.50-2.60m bgl Somm blue UPVC plain pipe from 0.30m to 3.70m bgl Bedding sand from 2.60-3.70mbgl Omm non-calcareous gravel pack com 7.70-8.70m bgl Somm blue UPVC slotted pipe with mm screen from 3.70-8.70m bgl | | | | |
| D - Small distrubed sample ↓ - Standing water 1 pitt U - Undistrubed sample ↓ - Standing water 1 15i W - Water sample ↓ - Water strike 2 pla X - Cuttings sample ↓ - Standing water 2 3.7 c - Coarse grained wit wit m - Medium grained page | TES cation cleared by Geotechnics. Ha ted to 1.2m. Cable percusive drillin 0mm & cased from GL to 3.00m. 6 in pipe from +0.30-3.70 and slotte 70- 8.70m. Bentonite seal from 0.5 h 100mm bedding sand and grave ck from 2.70-8.70m. No GW strike ted. | and Ref. Elev. 21. ng in Top Cover 21 50mm 60-2.60 el filter | NG POINT ELEVATION .61mAOD mAOD 1.989 mAOD | N & ID N & ID TOTAL DEPTH 8.70 METRES LOGGED BY P Hird DATE LOGGED 19/11/2018 SCALE 1 : 100 | | | | |

| | opera | ations | | | | IEET | 1 | OF | 1 |
|---|---|---|--|-----------------------------------|--|------------------------------|--------------------------|---|---|
| ITE NAME Hamble Airfield | DRILLI | ING CON | TRACTO | | utheastern ndo 4000 | Drilling S | ervices | s Ltd. | |
| Southampton, Hampshire | | ND LEVE | | C | O-ORDINA 447509.1 | | 51.10 | START | DRILLED : 23/11/18 |
| ITE REF. SU 4708 | | 1 | | | | 1 1 | | FINISH | : 26/11/18 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (n & TYPE | | MONITOR INSTALL- ATION | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium of flint (SUPERFICIAL DEPOSITS). | 20.31 - 19.11 - 18.61 - | | 0.30 _ (1.20) 1.50 _ (9.50) _ | | | | _ 0.50 | | pleted with upstandin steel secure covers).50m bgl |
| Drangish brown clayey sandy subangular to subrounded ine to coarse GRAVEL of flint. Sand is fine to coarse RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subrounded GRAVEL of flint with low cobble content. Cobbles are subrounded of flint (RIVER TERRACE DEPOSITS). | | | (4.50) | | | | | | l from 0.50-6.50m bg PVC plain pipe from 0m bgl |
| Yellowish orange clayey silty fine to medium SAND SELSEY SAND FORMATION). | 14.11 | | 6.50 _ | | | | = 6.50 6.60 - 7.00 | Bedding sand | from 6.50-6.60mbgl |
| | 8.61 | | (5.50) | | | | 12.00 | from 6.60-12.0 50mm blue U 1mm screena sock from 7.0 | PVC slotted pipe with nd 600 micron filter |
| | | | | | | | | | |
| D - Small distrubed sample ↓ - Standing water 1 pitter U - Undistrubed sample ↓ - Standing water 1 150n W - Water sample ↓ - Water strike 2 plain X - Cuttings sample ↓ - Standing water 2 7.00 | tion cleare to 1.2m. m & case pipe from 12.00m. I | ed by Geote Cable perc d from GL +0.30-7.00 Bentonite s 100mm be | cusive drilli to 10.50m and slotte eal from | and ng in . 50mm ed from | MONITORIN Ref. Elev. 20 Top Cover 20 | .61mAOD m | AOD | 10N & ID | TOTAL DEPTI 12.00 METRES LOGGED BY P Hird DATE LOGGE 23/11/2018 |

| | | Services DepartmentBOREHOOperations LtdSHEET1 | | | | | | | V06 |
|--|--|--|---|--|----------------------------|---|--|--|--|
| SITE NAME Hamble Airfield | DRILLI | NG CON | TRACTO | DR: Sou H OD: Dar | utheasteri | n Drilling S | ervices | - | - |
| Southampton, Hampshire | GROUN 19.41 n | ND LEVE n AOD | EL | | O-ORDIN 447972.2 | .26 N 107917.16 STAR | | START | RILLED : 27/11/18 : 27/11/18 |
| DESCRIPTION | REDUCED LEVEL (m AOD) | | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m & TYPE | | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown silty slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint (SUPERFICIAL DEPOSITS). Orangish brown clayey sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse with lenses of grey fine to medium sand from 2.50m (RIVER TERRACE DEPOSITS). Yellowish orangish brown clayey silty fine SAND (SELSEY SAND FORMATION). | 10.91 10.91 | | (5.50) 8.50 | | | | - 0.50 - 3.00 - 3.10 - 3.50 - 3.50 | blue lockable s concreted to 0 Bentonite seal 50mm blue UI +0.30m to 3.50 Bedding sand 10mm non-call from 3.10-8.50 50mm blue UI | from 0.50-3.00m bgl PVC plain pipe from Im bgl from 3.00-3.10mbgl from 3.00-3.10mbgl stareous gravel pack m bgl PVC slotted pipe with nd 600 micron filter |
| D - Small distrubed sample ↓ - Standing water 1 pitter U - Undistrubed sample ↓ - Standing water 1 150 W - Water sample ↓ - Water strike 2 plain X - Cuttings sample ↓ - Standing water 2 3.50 c - Coarse grained ↓ - Standing water 2 with | ation cleared d to 1.2m. (nm & cased pipe from - 8.50m. Be 100mm bed t from 3.00- | Cable pero d from GL +0.30-3.50 entonite se dding sand | cusive drilli to 7.50m. 0 and slott eal from 0.9 d and grav | and ing in 50mm ed from 50-3.00 el filter | Ref. Elev. 1 | NG POINT E 9.41mAOD m 19.771 mAOD | AOD | ION & ID | TOTAL DEPTH 8.50 METRES LOGGED BY P Hird DATE LOGGED 27/11/2018 SCALE 1 : 100 |

| Geologica CEMEX CEMEX UK | | nu c ð atiana | a ty Deho | | | | | LE No. V | | | |
|--|---|---|---|--|--|-----------|---|-------------------------------|---|--|--|
| | | | | | utheaster | | | | 1 | | |
| BITE NAME Hamble Airfield | | | | | ndo 4000 | r Drinnig | | 5 LIU. | | | |
| Southampton, Hampshire | GROU 20.02 I | ND LEVE m AOD | L | | :O-ORDIN 447588. | | 7536.47 | START | DATE DRILLED START : 26/11/18 FINISH : 27/11/18 | | |
| STE REF. 50 4708 | | | | | | | | FINISH | : 27/11/18 | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & THICKNESS) (m) | SAMPLE DEPTH (n & TYPE | n) STRIK | | L- | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). | 19.72 . | | 0.30 _ (1.10) | | | | 0.50 | | pleted with upstandin steel secure covers).50m bgl | | |
| Soft orangish brown silty slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint (SUPERFICIAL | 18.62 | | 1.40 (1.30) | | | | | | | | |
| DEPOSITS). Orangish brown clayey sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse. (RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subrounded GRAVEL of flint with low cobble content. Cobbles are | 17.32 | | 2.70 _ | | | | | | l from 0.50-5.70m bg PVC plain pipe from 0m bgl | | |
| subrounded of flint (RIVER TERRACE DEPOSITS). | 14.32 | | (3.00) | | | | 5 70 | Bedding sand | from 5.70-5.80mbgl | | |
| Brownish yellowish orange silty slightly clayey fine SAND (SELSEY SAND FORMATION). | | | | | | | 5.70 5.80 6.20 | | | | |
| | | | - (5.50) - | | | | | from 5.80-11.2 50mm blue U | PVC slotted pipe with and 600 micron filter | | |
| | 8.82 | | - 11.20 | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 0 | | | |
| | | | | | | | | | | | |
| D - Small distrubed sample ↓ - Standing water 1 pitter U - Undistrubed sample ↓ - Standing water 1 1500 W - Water sample ↓ - Water strike 2 plair X - Cuttings sample ↓ - Standing water 2 6.200 C - Coarse grained 0.500 0.500 m - Medium grained grav grav | ation cleare d to 1.2m. mm & case n pipe from I- 11.20m. I I-5.70 with | ed by Geote Cable perc d from GL 1 +0.30-6.20 Bentonite s 100mm beo k from 5.80 | usive drill to 9.00m. and slott eal from dding sand | and ng in 50mm ed from d and | MONITOR Ref. Elev. 2 Top Cover 2 | 0.02mAO | D mAOD | TION & ID | TOTAL DEPT 11.20 METRES LOGGED BY P Hird DATE LOGGE 26/11/2018 SCALE | | |

| | • | Services Department BOREHOL Operations Ltd SHEET 1 | | | | | | | LE No. W10 | | |
|---|---|--|--|--|---------------------------|--|----------------------|---|--|--|--|
| SITE NAME Hamble Airfield | DRIL | LING CON | ITRACTO | DR: South HOD: Dande | neastern | Drilling So | ervices | - | 1 | | |
| Southampton, Hampshire | | UND LEVI) m AOD | EL | | -ORDIN/ 48087.4 | ATES 9 N 1076 | 45.84 | | RILLED : 27/11/18 : 28/11/18 | | |
| DESCRIPTION | REDUC LEVE (m AOI | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | | | | | | |
| Soft dark brown silty slightly sandy slightly gr with rootlets. Sand is fine to medium. Gravel subangular to subrounded fine to medium of are <1mm (TOPSOIL). Soft orangish brown slightly sandy very grave Sand is fine to medium. Gravel is subangula subrounded, fine to medium of flint (SUPER DEPOSITS). Brownish orange sandy subangular to subro GRAVEL of flint with low cobble content. Co subrounded of flint (RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subro GRAVEL of flint with low cobble content. Co subrounded of flint (RIVER TERRACE DEPOSITS). Brownish orange clayey silty fine to medium (SELSEY SAND FORMATION). | avelly CLAY is 16.30 flint. Rootlets flint. Rootlets flint. Rootlets 15.00 16.00 16.00 15.00 16.00 14.00 14.00 10.00 11.80 20.015 11.80 20.015 11.80 20.015 11.80 20.015 11.80 | | (5.50) | & TYPE | | | 4.70 4.80 5.20 | blue lockable s concreted to 0 Bentonite seal 50mm blue Uf +0.30m to 5.20 Bedding sand | from 0.50-4.70m bgl PVC plain pipe from Im bgl from 4.70-4.80mbgl from 4.70-4.80mbgl VC slotted pipe with nd 600 micron filter | | |
| KEY B - Bulk distrubed sample ↓ - Water strike D - Small distrubed sample ↓ - Water strike U - Undistrubed sample ↓ - Standing was W - Water sample ↓ - Water strike X - Cuttings sample ↓ - Water strike c - Coarse grained - Standing was m - Medium grained - Standing was f - Fine grained - Standing was | ater 1 pitted to 1.2n 150mm & cas plain pipe fro | n. Cable per sed from GL m +0.30-5.2 h. Bentonite h 100mm be ack from 4.8 | cusive drill to 9.00m. 0 and slott seal from edding sand | land Re ing in Top 50mm ed from | ef. Elev. 16 | NG POINT E 3.5mAOD mA 6.913 mAOD | | ION & ID | TOTAL DEPTH 10.20 METRES LOGGED BY P Hird DATE LOGGED 27/11/2018 SCALE 1 : 100 | | |

| Geologica | al Services Depa | artment E | BOREHOL | _E No. W11 | | |
|--|--|---|---|---|--|--|
| | Coperations Ltd | | HEET 1 | OF 1 | | |
| SITE NAME Hamble Airfield Southampton, Hampshire | DRILLING CONTRACTO | | n Drilling Services | Ltd. | | |
| SITE REF. SU 4708 | GROUND LEVEL 16.66 m AOD | CO-ORDIN E 448106.5 | IATES 55 N 107322.46 | DATE DRILLED START : 28/11/18 FINISH : 29/11/18 | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | SAMPLE DEPTH (m) & TYPE | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint and brick. Rootlets are <1mm (REWORKED TOPSOIL). Soft orangish brown slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium of flint (SUPERFICIAL DEPOSITS). Orangish brown clayey sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse (RIVER TERRACE DEPOSITS). Greenish grey fine to medium SAND (RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subrounded GRAVEL of flint (RIVER TERRACE DEPOSITS). Yellowish orange clayey silty fine to medium SAND. Occasional orangish grey sandy silty clay lenses (SELSEY SAND FORMATION). | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | Borehole completed with upstanding blue lockable steel secure covers concreted to 0.50m bgl Bentonite seal from 0.50-4.20m bgl 50mm blue UPVC plain pipe from +0.30m to 4.20m bgl Bedding sand from 4.20-4.30mbgl 10mm non-calcareous gravel pack from 4.30-9.70m bgl 50mm blue UPVC slotted pipe with 1mm screen and 600 micron filter sock from 4.70-9.70m bgl | | |
| D - Small distrubed sample ↓ - Standing water 1 pitt U - Undistrubed sample ↓ - Standing water 1 15i W - Water sample ↓ - Water strike 2 pla X - Cuttings sample ↓ - Standing water 2 4.7 c - Coarse grained ↓ - Standing water 2 wit m - Medium grained µa ↓ ↓ | TES cation cleared by Geotechnics. H ted to 1.2m. Cable percusive drill 0mm & cased from GL to 9.00m. in pipe from +0.30-4.70 and slott 70- 9.70m. Bentonite seal from 0.1 th 100mm bedding sand and grav ck from 4.30-9.70m. No GW strik ted. | and Ref. Elev. 16 ng in Top Cover 1 50mm ed from 50-4.20 el filter | NG POINT ELEVATIO 6.66mAOD mAOD 16.999 mAOD | DN & ID DN & ID TOTAL DEPTH 9.70 METRES LOGGED BY P Hird DATE LOGGED 28/11/2018 SCALE 1 : 100 | | |

| | Opera | ations | ε μία | | SH | EET | 1 | OF 1 | | |
|--|-----------------------------|------------------|-------------------------------|-------------------------------|--|------------------------------|----------------|--|--|--|
| | 1 | ING CON | | R: Sou | theastern | | ervices | | | |
| Hamble Airfield | EQUIP | MENT AI | | IOD: Dan | do 4000 | Ū | | | | |
| Southampton, Hampshire | | ND LEVE m AOD | iL | | D-ORDINA 447876.8 ⁻ | - | 318.46 | DATE DRILLED START : 29/11/18 | | |
| TE REF. SU 4708 | | | | | | | | FINISH : 3/12/18 | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). | 20.02 | | 0.10 (1.40) | | | | _ 0.50 | Borehole completed with upstandir blue lockable steel secure covers concreted to 0.50m bgl | | |
| Soft orangish brown slightly sandy slightly CLAY. Sand is ine to medium (SUPERFICIAL DEPOSITS). | 18.62 | | 1.50 _ 1.80 _ | | | | | | | |
| CLAY. Sand is fine to medium. Gravel is subangular to ubrounded, fine to medium of flint (RIVER TERRACE DEPOSITS). | | | | | | | | Bentonite seal from 0.50-6.20m bg | | |
| Brownish orange sandy subangular to subrounded GRAVEL of flint with low cobble content. Cobbles are subrounded of flint (RIVER TERRACE DEPOSITS). | | | (4.40) | | | | | 50mm blue UPVC plain pipe from +0.30m to 6.70m bgl | | |
| ellowish orange clayey silty fine to medium SAND. | 13.92 | | 6.20 | | | 0 | = 6.20 6.30 | Bedding sand from 6.20-6.30mbgl | | |
| Occasional orangish grey sandy silty clay lenses SELSEY SAND FORMATION). | | | | | | | - 6.70 | | | |
| | | | (5.50) | | | | | 10mm non-calcareous gravel pack from 6.30-11.70m bgl 50mm blue UPVC slotted pipe wit 1mm screen and 600 micron filter | | |
| | 8.42 | | 11.70 | | | | 11.70 | sock from 6.70-11.70m bgl | | |
| | | | | | | | | | | |
| | | ed by Geoto | | and F | IONITORIN Ref. Elev. 20. | | hAOD | ION & ID 11.70 METRES LOGGED BY | | |

| Geological CEMEX UK (| | | - | artmen | - | OREI EET | | E No. | WG02 | | |
|--|---|------------------|--|-------------------------------|-------------------|------------------------------|------------------------------|---|--|--|--|
| SITE NAME Hamble Airfield | DRILLING CONTRACTOR: Southeastern Drilling Services Ltd. EQUIPMENT AND METHOD: Dando 4000 | | | | | | | | | | |
| Southampton, Hampshire | GROU 22.44 I | ND LEVE m AOD | L | | ORDINA 7645.82 | ATES 2 N 1082 | 93.54 | STAR | DRILLED [: 21/11/18 [: 21/11/18 | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) |) LEGEND (| DEPTH & THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium of flint (SUPERFICIAL DEPOSITS). Soft brownish orange slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded, fine to medium. Gravel is subangular to subrounded, fine to medium of flint (RIVER TERRACE DEPOSITS). Orangish brown sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse (RIVER TERRACE DEPOSITS). Yellowish orange slightly clayey fine to medium SAND (RIVER TERRACE DEPOSITS) | 22.24 21.84 21.44 | | 0.20 - 0.60 _ 1.00 _ (2.10) 3.10 _ (3.10) | | | | 0.50 1.40 1.50 1.70 | blue lockable concreted to Bentonite se 50mm blue 1 +0.30m to 1. Bedding san | al from 0.50-1.60m bgl UPVC plain pipe from 70m bgl d from 1.60-1.70mbgl alcareous gravel pack | | |
| Firm to stiff thinly laminated dark grey silty CLAY (MARSH FARM FORMATION) | _ 16.24 _ 15.74 | × | 6.20 _ - (0.50) | | | | 6.70 | | | | |

| KEY NOTES MONITORING POINT ELEVATION B - Bulk distrubed sample | DN & ID 6.70 METRES |
|---|---------------------------|
| D - Small distributed sample | LOGGED BY P Hird |
| X - Cuttings sample ⊈ - Standing water 2 c 1.70- 6.70m. Bentonite seal from 0.50-1.60 with 100mm bedding sand and gravel filter | DATE LOGGED 21/11/2018 |
| m - Medium grained pack from 1.70-6.70m. No GW strike noted. | SCALE 1 : 100 |

| Hamble Airfield Southampton, Hampshire | | DRILLING CONTRACTOR: EQUIPMENT AND METHOD: Dando 2000 | | | | | | | | | | | |
|--|---|--|--|-------------------------------|--------------------|------------------------------|--------------------------------|---|--|--|--|--|--|
| | | ND LEVE m AOD | EL | | ORDINA 47589.13 | ATES 3 N 1075 | 36.46 | DATE DRILLED START : 25/2/19 FINISH : 25/2/19 | | | | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint. Rootlets are <1mm (TOPSOIL). Soft orangish brown silty slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint (SUPERFICIAL DEPOSITS). Firm orangish brown slightly sandy very gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded, fine to coarse of flint (RIVER TERRACE DEPOSITS). Orangish brown sandy subangular to subrounded fine to coarse GRAVEL of flint with some cobbles. Sand is fine to coarse. Cobbles are subrounded of flint (RIVER TERRACE DEPOSITS). Firm greyish brownish orange sandy very gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint (RIVER TERRACE DEPOSITS). Firm greyish brownish orange sandy very gravelly CLAY. Sand is fine to medium of flint (RIVER TERRACE DEPOSITS). Brownish yellowish orange silty slightly clayey fine SAND (SELSEY SAND FORMATION). | 19.56 18.86 18.46 18.46 14.96 14.56 12.96 | | 0.40 (0.70) 1.10 1.50 (3.50) 5.40 (1.60) 7.00 | | | | . 0.50 1.40 1.50 1.70 | Borehole completed with upstanding blue lockable steel secure covers concreted to 0.50m bgl Bentonite seal from 0.50-1.60m bgl 50mm yellow UPVC plain pipe from +0.30m to 1.70m bgl Bedding sand from 1.60-1.70mbgl 10mm non-calcareous gravel pack from 1.70-6.70m bgl 50mm yellow UPVC slotted pipe with 2mm screen from 1.70-6.0m bg | | | | | |

| B - Bulk distrubed sample D - Small distrubed sample D - | | | |
|--|---|--|---------------------------|
| U - Undistrubed sample V - Standung water in 150mm & cased from GL to 7.00m. 50mm P Hird P Hird | B - Bulk distrubed sample D - Small distrubed sample U - Undistrubed sample ↓ - Water strike 1 ↓ - Standing water 1 | Location cleared by Geotechnics. Hand pitted to 1.2m. Cable percusive drilling in 150mm & cased from GL to 7.00m. 50mm | METRES LOGGED BY |
| X - Cuttings sample Image: Standing water 2 1.70- 6.00m. Bentonite seal from 0.50-1.60 DATE LOGGED c - Coarse grained with 100mm bedding sand and gravel filter 25/02/2019 | c - Coarse grained | 1.70- 6.00m. Bentonite seal from 0.50-1.60 | DATE LOGGED 25/02/2019 |
| m - Medium grained pack from 1.70-6.00m. No GW strike SCALE f - Fine grained noted. 1 : 100 | 5 | pack from 1.70-6.00m. No GW strike | |

| | Opera | ations | 5 Ltd | artmen | | EET | 1 | .E No. WG11 OF 1 | | | | |
|---|-----------------------------|---|-------------------------------|-------------------------------|-----------------|------------------------------|----------------------|---|--|--|--|--|
| ITE NAME Hamble Airfield | DRILLI | DRILLING CONTRACTOR: Southeastern Drilling Services Ltd. EQUIPMENT AND METHOD: Dando 4000 | | | | | | | | | | |
| Southampton, Hampshire | | GROUND LEVEL CO-OR 16.33 m AOD E 4481* | | | | | 21.30 | DATE DRILLED START : 29/11/18 FINISH : 29/11/18 | | | | |
| DESCRIPTION | REDUCED LEVEL (m AOD) | LEGEND | DEPTH & (THICKNESS) (m) | SAMPLE DEPTH (m) & TYPE | WATER STRIKE | MONITOR INSTALL- ATION | | | | | | |
| Soft dark brown silty slightly sandy slightly gravelly CLAY with rootlets. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint and brick. Rootlets are <1mm (TOPSOIL). | 16.03 . 15.63 15.33 | | 0.30 | | | | 0.50 | Borehole completed with upstanding blue lockable steel secure covers concreted to 0.50m bgl Bentonite seal from 0.50-1.60m bgl | | | | |
| Orangish brown clayey sandy subangular to subrounded fine to coarse GRAVEL of flint. Sand is fine to coarse (SUPERFICIAL DEPOSITS). | | | | | | | 1.50 1.60 1.70 | 50mm blue UPVC plain pipe from +0.30m to 1.70m bgl Bedding sand from 1.60-1.70mbgl | | | | |
| Greenish Grey fine to medium SAND (RIVER TERRACE DEPOSITS). Brownish orange sandy subangular to subrounded GRAVEL of flint with low cobble content. Cobbles are subrounded of flint (RIVER TERRACE DEPOSITS). | 12.33 | | 4.00 | | | | | 10mm non-calcareous gravel pack from 1.70-4.50m bgl 50mm blue UPVC slotted pipe with 1.5mm screen from 1.70-4.50m bgl | | | | |
| Yellowish orange clayey silty fine to medium SAND. Occasional orangish grey sandy silty clay lenses (SELSEY SAND FORMATION). | 11.83 | X | μ.50) μ.50) | | | | 4.50 | | | | | |

| KEY | | |
|-----|---|------|
| В | - | Bulk |
| | | |

- distrubed sample D - Small distrubed sample
- U Undistrubed sample
- W Water sample
- X Cuttings sample
- c Coarse grained
- m Medium grained f Fine grained
- Ť - Standing water 1 🛓 - Water strike 2

- Water strike 1

- ♣ Standing water 2

noted.

NOTES

150mm & cased from GL to 4.00m. 50mm plain pipe from +0.30-1.70 and slotted from 1.70- 4.50m. Bentonite seal from 0.50-1.50 with 100mm bedding sand and gravel filter pack from 1.60-4.50m. No GW strike

Location cleared by Geotechnics. Hand pitted to 1.2m. Cable percusive drilling in

TOTAL DEPTH 4.50 METRES MONITORING POINT ELEVATION & ID Ref. Elev. 16.33mAOD mAOD

Top Cover 16.706 mAOD

LOGGED BY P Hird DATE LOGGED 29/11/2018 SCALE 1:100

\$-SU40NE/13+14

315/119 Formerly Air Service Training Ltd., Hamble.

SuluiNE /14 (a) (Disused). Surface + 56. Lining tubes: 34 x 12in from ½ down; 367½ x 10 in from ¼ down; 27 x 8 in from 366½ down (perforated); 28½ x 6in from 337½ down (perforated). R.W.L. +37½. P.W.L. -25. Yield 9.380 g.p.h. (tost). Hurdness: P. 25, 7. 110. Anal. <u>Toler, Oct. 173</u>4.

Yield 7,000 g.p.h. Mar. 1941.

SU UO /NE/13 (b) Surface + 57. Bore 396. Lining tubes: 376 x 12 in from ½ above; 79 x 8 in from 317 down (20½ perforated with sand screen). R.W.L. + 36.

P.W.L. -73. Suction -226. Yield 8,089 g.p.h. (5d. test). Isler, Apr. 1949.

Air lift. Hardneos: NC. 0, C. 135. Anal. <u>Dec. 1949</u>. R.W.L. + 29.
 P.W.L. - 38. Yield 4,800 g.p.h. <u>Oct. 1950</u>. R.W.L. + 31. P.W.L. -38.
 Yield 4,600 g.p.h. <u>Oct. 1956</u>. R.W.L. + 38. P.W.L. -51. Yield 6,800 g.p.h.
 Oct. 1961.

| 10 | R. (a) | 2/14/4771 66965 2 Made 9 Brift 339 Br 43 LC 2 Dent comput house | 2 11 350 393 395 | ra Suter |
|-----------|------------------|--|------------------------------|------------|
| | Gest. clason. | Nature of strata | Thickness | Death |
| (a) | Make 2 | Made ground | 2 | 2 |
| | Dife | Ing ballast | 9 | <u>·//</u> |
| | tonial tecorgics | Time Yellow clay hits horrige time | 5 | 16 |
| | | Blue day | 30 | 46 |
| | | Grey sand | 73 | 119 |
| | BrB | Clay | 36 | 155 |
| | 339 | Green sandy day | 14 | 169 |
| | | Clayey sand | 18 | 187 |
| rin Georg | real Barteny | Green sand + shells | 19 | 206 |
| | | Sand + clay | 144 | 350 |
| | 89 | Sandy day & stone | 29 | 379 |
| | 43 | Sand & pettles | 14 | 393 |
| | LC | Clay | 2 | 395 |

25/11/09

| in an | | 1 | AMBLE | | | | | | 1 8 | OREHC | LE LO | GS | - | FIGUR | E 1 | |
|--------------|-------------------|----------|----------------------|------------|----------------|----------|------------|------------|---------|----------|--------|--------------------|-----------|------------------|-----------|-------|
| weeks George | | net l | | 4 | WITH Gest | and the | | | 100 - C | | - | en Gran | in the | | 1113 | 1 |
| | 11-1 | 1101 | . a. 1 | - | - | - | BH | 1 | - | hand | | 23- | 28.1 | -86 | 10 13 | |
| | ::::: | 111 | in a la tala | 1.010 | | | 17.12 | **** | | | cons. | A.1.000 | 11 | 1:20 | | 16 |
| | 1111 | | | | | 1 | 1.11 | | | | | 1.4.0.10 | -+ | | 111 | |
| 1111 | | | | | 0112221 | 16.23 | 1.1 | 2111 | | 132.0 | 5 | 1.1. | 7477 | 1111 | 111 | 141 |
| | | | 50 mm día | | | | 1 | 11 | | 1.0.8.4. | | 1 | -1 | | 1.1. | 111 |
| | | HH | | | | 1 | 11.11 | 1.13 | -11. | 111 | | | | 1 | HE | H |
| · 4 | 1111 | tini | * 1 * 1 * * * * | | 1 | 1 - + 11 | 1111 | April 196 | 3 | 1.1.1 | - | 0.D. | | 5.D. | 11:51 | 1211 |
| | 11 | 1111 | Gravelly | TOPOO | | 1 | | | | 1 | ÷ | 3.28 | 12250 | 103-20 | | 111 |
| | | 1111 | brick fre | | | | 00 | Br. c. | - 191 | 1.1 | | | | 1.3.4 | | 111 |
| | 94U) | 11-1 | grey and | | | | | 1 | - | | | 26.3 | 86 | 1.1.1 | 1121 | 12 |
| | 111 | 1211 | fine SAN | | | | - | | | 1.000 | 1000 | | | 1.1.1 | 1.11 | + |
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| - | | 24/ | | 4.0 | 4.0 | | 2.8 | | | | fit | ted a | t su | rface. | | |
| | i I | 1 Contra | 12.15 | 8.5 | 8.0 | | 4.6 | | | | Stan | dpipe | non | itore | i ove | r |
| | | | 13.15 | 8.5 | 8.0 | | 4.6 | | | | 72 · h | peri | od o | f Spr: | ing 1 | lides |
| | 1 3 | 27/ | | 11.0 | 11.0 | | 3.1 | | | | Marc | h 15 | and. | 17. 19 | 986. | See |
| | 1 1 | 28/ | 11.30 | 12.5 | 12.5 | 1 | 8.7 | | | | Tabl | | 1 | | 1 | |
| | | 1007 | 1 09.00 | 16.0 | 1 16.0 | | 0.0 | | | | Sca | le: | 1:10 | 0 | | |

