#### APPENDIX A - HAND AUGER & DCP LOGS





HA9.01

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|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    | 3               | SHEELLOF     | ا ا  |
|-----------|---------------------|-------|----------------|--|-----------------------------|-----------------------------|-----------------------|----------------|-----------|-----------|------------------------------------|-----------------|--------------|------|
| CLI       | ENT:                | Gr    | enstor         | ne Land Developments Ltd   | PROJECTIO                   | N: N                        | IZTM                  |                |           |           | LOCATION: Lot15                    | 9               |              |      |
| PRO       | OJEC                | T:    | 18397          | 0602   | EASTING:                    | 19:                         | 28419                 | 9.12           |           |           | STARTED: 20/02                     | /2019           |              | İ    |
| LOC       | CATIO               | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:                   | 56                          | 0777                  | 1.70           |           |           | FINISHED: 20/02                    | /2019           |              |      |
|           |                     |       |                |  | DATUM: -                    |                             |                       |                |           |           | LOGGED BY: SI                      | ) [             | DATE: 20/02/ | 2019 |
| OFF       | ICE:                |       | RDCL           | - Hastings   | ELEVATION                   | : -                         |                       |                |           |           | CHECKED BY: JN                     | 1 [             | DATE: 12/03/ | 2019 |
| ENG       | SINE                | ER:   | ТВ             |  | DIAMETER:                   | 0m                          | ım                    |                |           |           | STATUS: Final da                   | ta              |              |      |
| COI       | NTRA                | ACTO  | R:             |  | OPERATOR                    | :                           |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             | / \                   | NO             |           |           |                                    |                 |              |      |
| DEPTH (m) | RL (m)              | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION  |                             | MOISTURE                    | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |           | SAMPLES<br>& TESTS                 | ADD <b>i</b> Ti | IONAL REMAR  | KS   |
|           | - <u>-</u>          |       | a<br>SS<br>SS  | TOPSOIL; dark brown. Stiff; dry; some rootlets (Fill).   |                             | D                           | SF                    |                |           |           | FSV: 0.30m                         |                 |              |      |
|           | ري<br>-             |       | ***::::<br>*   | Clayey silty sandy; brown with orange, grey an mottling. Firm; non-plastic; moist; sand, fine. | d dark brown                |                             | FM                    |                |           |           | 72/17kPa<br>FSV: 0.45m             |                 |              |      |
| 0.5       | - o                 |       |                | SILT, with some sand; orange and grey mottlin plastic; moist; sand, fine.                      | g. Stiff; non-              |                             | SF                    |                |           |           | 110/33kPa                          |                 |              |      |
| 1.0       | - 0.                |       |                | SAND, with some silt; brown, orange and grey Medium dense; non-plastic; moist; sand, fine.     | mottling.                   |                             |                       |                |           |           |                                    |                 |              |      |
| 1.0       | - <del>-</del>      |       |                | Medium dense, norppastic, moist, sand, ime.  |                             |                             | MD                    |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 1.5       | -<br>- <del>1</del> |       | * × ×          | Sandy SILT; brown with grey and orange mottli  | ng Stiff; low               |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       | × ×            | plasticity; moist; sand, fine.   |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 2.0       | - 5.0               |       | * * * *        |  |                             |                             | SF                    |                |           |           |                                    |                 |              |      |
|           | -                   |       | ж.<br>ж. ж.    | EOH: 2.30m   |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 2.5       | - 2                 |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 2.5       | - Q<br>-            |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 3.0       | – ფ<br>-            |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 3.5       | - 3.5<br>- 2.5      |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 4.0       | -<br>- 4            |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
| 4.5       | - 4                 |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           | -                   |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           | MARKS<br>und water not encountered | 1               |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           | Gio       | and water not encountered          | •               |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           | SY        | MBOLS                              |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           | Standing Water Level               |                 |              |      |
|           |                     |       |                |  |                             |                             |                       |                |           |           | - Out flow<br>- In flow            |                 |              |      |
|           |                     |       |                |  | RDC                         |                             |                       |                |           |           |                                    |                 |              |      |
|           |                     |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   | PO BOX 2805<br>8771652   Em | 57, H.<br>nai <b>l</b> : ir | AVEI                  | -OCk           | K NC      | DRTI<br>z | H 4130   NEW ZEAL                  | AND             |              |      |



HA9.02

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|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        | SHEETZU     | /F Z I  |
|-----------|----------|-------|----------------|--|--------------------|------------------|-----------------------|----------------|-----------|----------------|-------------------------------|--------|-------------|---------|
| CLI       | ENT:     | Gre   | enstor         | ne Land Developments Ltd   | PROJECTIO          | N: N             | IZTM                  |                |           |                | LOCATION: Lot15               | 8      |             |         |
| PR        | OJEC     | T:    | 18397          | 0602   | EASTING:           | 19:              | 28428                 | 88.8           |           |                | STARTED: 20/02                | /2019  |             |         |
| LO        | CATIO    | ON:   | Lyndh          | urst Road, Frimley, Hastings   | NORTHING:          | 56               | 07756                 | 6.92           |           |                | FINISHED: 20/02               | /2019  |             |         |
|           |          |       |                |  | DATUM: -           |                  |                       |                |           |                | LOGGED BY: SI                 | )      | DATE: 20/   | 02/2019 |
| OF        | ICE:     | :     | RDCL           | - Hastings   | ELEVAT <b>I</b> ON | : <b>-</b>       |                       |                |           |                | CHECKED BY: JN                | 1      | DATE: 12/   | 03/2019 |
| EN        | SINE     | ER:   | ТВ             |  | DIAMETER:          | 0m               | ım                    |                |           |                | STATUS: Final da              | ta     |             |         |
| СО        | NTRA     | ACTO  | R:             |  | OPERATOR           |                  |                       |                | _         |                |                               |        |             |         |
|           |          |       |                |  |                    |                  | / \                   | NO             |           |                |                               |        |             |         |
| (m)       |          | nr.   | <u></u>        | ROCK / SOIL DESCRIPTION  |                    | URE<br>TION      | CONSISTENCY / DENSITY | CLASSIFICATION | LOWS      |                | SAMPLES<br>& TESTS            | ADE    | ITIONAL REM | ARKS    |
| DEPTH (m) | RL (m)   | WATER | GRAPHIC<br>LOG |  |                    | MOIST            | CONS                  | CLASS          | DCP BLOWS |                |                               |        |             |         |
|           | -        |       |                | SILT, with some sand; dark brown, orange mot stiff; non-plastic; dry; sand, fine; (Fil). |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       | < ; ·          | ,, <u></u> ,   |                    | D                | VSF                   |                |           |                |                               |        |             |         |
| 0.5       | - 0<br>- |       |                | SAND, with minor silt; greyish brown, orange m   | nottling. Stiff;   |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                | non-plastic; moist; sand, fine.  |                    |                  |                       |                |           |                |                               |        |             |         |
| 1.0       | - 0      |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                |  |                    | М                | SF                    |                |           |                |                               |        |             |         |
|           | - 5      |       |                |  |                    | IVI              | 01                    |                |           |                |                               |        |             |         |
| 1.5       | -        |       | ×              | SILT, with some sand, with trace clay and grav   | el: dark           |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       | 2              | orange mottling. Stiff; low plasticity; moist; san gravel, fine, pumice                  |                    |                  |                       |                |           |                |                               |        |             |         |
| 2.0       | - 74     |       | -              | EOH: 2,00m   |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 2.5       | - 2      |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | - 0      |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 3.0       | - %<br>- |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | _        |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 3.5       | 3.5      |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | _        |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 4.0       | - 4<br>- |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 4.0       | - 1<br>- |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -<br>- ທ |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
| 4.5       | -<br>- 4 |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           | -        |       |                |  |                    |                  |                       |                |           | PE             | MARKS                         |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           | INCI           | MICHINIO                      |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           | CVA            | MBOLS                         |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                |                               |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                | Standing Water Level Out flow |        |             |         |
|           |          |       |                |  |                    |                  |                       |                |           |                | In flow                       |        |             |         |
|           |          |       |                | 8/308 QUEEN ST EAST, HASTINGS  | RDCI               |                  | Δ\/⊏۱                 | OCI            | ( NC      | PTL            | 1 4130   NEW 7EAL             | ΔΝΓ    |             |         |
|           |          |       |                | Ph: +64 6  | 8771652   Em       | ai <b>l</b> : ir | rto@i                 | dcl.c          | o.nz      | , 1 \ 1 F<br>Z | T 7 TOO   INL VV ZEAL         | , NIND |             |         |



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|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 | SHEE                | 13 UF 21     |
|------------------|-------------|-------|----------------|---|-----------------------------|---------------------------|-----------------------|-------------------------|-------|-----------|---------------------------------|---------------------|--------------|
| CLI              | ENT:        | Gre   | ensto          | ne Land Developments Ltd  | PROJECTIO                   | N: N                      | IZTM                  |                         |       |           | LOCATION: Lot15                 | 7                   |              |
| PR               | OJEC        | T:    | 18397          | 0602  | EASTING:                    | 19:                       | 28448                 | 8.18                    |       |           | STARTED: 20/02                  | /2019               |              |
| LO               | CATIO       | :NC   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings                                       | NORTHING:                   | 56                        | 07734                 | 4.79                    |       |           | FINISHED: 20/02                 | /2019               |              |
|                  |             |       |                |   | DATUM: -                    |                           |                       |                         |       |           | LOGGED BY: SI                   | DATE:               | 20/02/2019   |
| OF               | FICE:       | :     | RDCL           | - Hastings  | ELEVATION:                  | -                         |                       |                         |       |           | CHECKED BY: JN                  | DATE:               | 12/03/2019   |
| EN               | SINE        | ER:   | ТВ             |   | DIAMETER:                   | 0m                        | ım                    |                         |       |           | STATUS: Final da                | ta                  |              |
| СО               | NTRA        | ACTO  | R:             |   | OPERATOR                    |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           | <i>-</i>              | N<br>O                  |       |           |                                 |                     |              |
| <u>-</u>         |             |       |                | ROCK / SOIL DESCRIPTION   |                             | щZ                        | ENC                   | CLASSIFICATION          | WS    |           | SAMPLES                         | ADD <b>I</b> TIONAL | DEMARKS      |
| E H              | (i          | ER    | BH⊆            | ROCK/ SOIL BESCRIPTION  |                             | FILE                      | SIST                  | SSIF                    | BLOWS |           | & TESTS                         | ADDITIONAL          | . INLIMAKING |
| <b>DEPTH</b> (m) | RL (m)      | WATER | GRAPHIC<br>LOG |   |                             | NOS<br>NOS                | CONSISTENCY / DENSITY | CLA                     | DCP   |           |                                 |                     |              |
|                  |             |       | * : × :        | Sandy SILT, with trace rootlets; brown . Stiff; n dry; sand, fine; (Fill).  |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -           |       | * * *          | dry, sand, mie, (i m).  |                             | D                         |                       |                         |       |           |                                 |                     |              |
| 0.5              | 0.5         |       | * * *<br>* * * |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       | ж.<br>8 ж      | Sandy SILT; greyish brown, orange mottling. Si                              | tiff: non-                  |                           | SF                    |                         |       |           | FSV: 0.70m<br>121/39kPa         |                     |              |
| .10              | 0           |       | * * *          | plastic; moist.   | ,                           |                           |                       |                         |       |           |                                 |                     |              |
| 1.0              |             |       | × × ±          |   |                             | М                         |                       |                         |       |           |                                 |                     |              |
|                  |             |       | * * *<br>* *   |   |                             |                           |                       |                         |       |           |                                 |                     |              |
| 1.5              | 1.5         |       | *              | SAND, with minor silt; greyish brown, orange m                              | nottling.                   |                           |                       | -                       |       |           |                                 |                     |              |
|                  | -           |       |                | Medium dense; non-plastic; sand, fine.                                      |                             |                           | MD                    |                         |       |           |                                 |                     |              |
| 2.0              | -2.0        |       | * * * *        | Sandy SILT; greyish brown with orange mottling plasticity; wet; sand, fine. | g. Stiff; low               | W                         | SF                    |                         |       |           |                                 |                     |              |
|                  | - '         |       |                | EOH: 2.00m  |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   | ,                           |                           |                       |                         |       |           |                                 |                     |              |
| 2.5              | - 2.5       |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -           |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
| 3.0              | 3.0         |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | - 10        |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
| 3.5              | – မို       |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -           |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
| 4.0              | - 4<br>- 0  |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -           |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -<br>-<br>- |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
| 4.5              | - 4         |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  | -           |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       | RE        | MARKS                           |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       | l         | und water not encountered       | I                   |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       | C) /      | MDOLC                           |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           | MBOLS                           |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           | Standing Water Level - Out flow |                     |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           | - Out flow<br>- In flow         |                     |              |
|                  |             |       |                |   | RDCI                        |                           |                       |                         |       |           |                                 |                     |              |
|                  |             |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6                                | PO BOX 2805<br>8771652   Em | 57, H.<br>ai <b>l</b> ∷ir | AVEI                  | LOCI<br>rdc <b>i</b> .c | K NC  | )RTI<br>z | H 4130   NEW ZEAL               | AND                 |              |
|                  |             |       |                |   |                             |                           |                       |                         |       |           |                                 |                     |              |



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|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          | SHEET 4 OF     | ا ا  |
|-----------|----------------|-------|-----------------|--|---------------------|----------|-----------------------|----------------|-----------|-----------|--------------------------------|----------|----------------|------|
| CLI       | ENT:           | Gre   | enstor          | ne Land Developments Ltd   | PROJECTIO           | N: N     | IZTM                  |                |           |           | LOCATION: Lot15                | 6        |                |      |
| PR        | OJEC           | CT:   | 18397           | 0602   | EASTING:            | 19:      | 28458                 | 8.65           |           |           | STARTED: 20/02                 | /2019    |                |      |
| LO        | CATIO          | ON:   | Lyndh           | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:           | 56       | 07723                 | 3.01           |           |           | FINISHED: 20/02                | /2019    |                | İ    |
|           |                |       |                 |  | DATUM: -            |          |                       |                |           |           | LOGGED BY: SI                  | )        | DATE: 20/02/   | 2019 |
| OF        | ICE:           |       | RDCL            | - Hastings   | ELEVATION:          | -        |                       |                |           |           | CHECKED BY: JN                 | 1        | DATE: 12/03/   | 2019 |
| EN        | SINE           | ER:   | ТВ              |  | DIAMETER:           | 0m       | ım                    |                |           |           | STATUS: Final da               | ta       |                |      |
| СО        | NTRA           | ACTO  | R:              |  | OPERATOR:           |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          | 1)                    | NO             |           |           |                                |          |                |      |
| DEPTH (m) | RL (m)         | WATER | GRAPHIC<br>LOG  | ROCK / SOIL DESCRIPTION  |                     | MOISTURE | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |           | SAMPLES<br>& TESTS             | ADD      | OITIONAL REMAR | KS   |
|           | -              | -     | an a<br>⊵TS     | TOPSOIL; dark brown. Stiff; dry; non plastic (fil                                    |                     |          |                       | _              |           |           |                                |          |                |      |
|           | -              |       | <u>.</u>        |  |                     | D        | SF                    |                |           |           |                                |          |                |      |
| 0.5       | - 0.2          |       | <u>a</u> 4 a    |  |                     |          |                       |                |           |           |                                |          |                |      |
|           | - '<br>-       |       |                 | SAND, with some silt; brown, orange mottling, dense; moist; sand, fine; non plastic. | Medium              |          | MD                    |                |           |           |                                |          |                |      |
| 1.0       | - 6            |       | × ×             | Sandy SILT; brown with grey and orange mottli plasticity; moist,                     | ng. Firm; low       |          |                       |                |           |           | FSV: 1.10m                     |          |                |      |
|           | -              |       | * * * *         | plasticity, moist.   |                     | М        | FM                    |                |           |           | 55/30kPa                       |          |                |      |
| 1.5       | - <del>L</del> |       |                 | SAND, with some silt; brown, orange mottling dense; non-plastic; moist.              | Medium              |          | MD                    |                |           |           |                                |          |                |      |
|           | -<br>-<br>- 0  |       | * * *<br>* *    | Sandy SILT, with trace clay; brown, orange and mottling. Low plasticity; moist.      | d grey              |          |                       |                |           |           |                                |          |                |      |
| 2.0       | - 74           |       | 7 (¥ ( <u>*</u> | EOH: 2.00m   |                     |          |                       |                |           |           |                                |          |                |      |
|           | -              |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
| 2.5       | - 2            |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
| 3.0       | – က<br>-       |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           | -              |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
| 3.5       | 3.5            |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           | -              |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
| 4.0       | - 4            |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           | -              |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
| 4.5       | - 4<br>. ro    |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           | -              |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                | -     |                 | I  |                     |          |                       | -              | 1         |           | MARKS                          | <u> </u> |                |      |
|           |                |       |                 |  |                     |          |                       |                |           | Grou      | und water not encountered      | t        |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           | SYI       | MBOLS                          |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           |                                |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           | Standing Water Level  Out flow |          |                |      |
|           |                |       |                 |  |                     |          |                       |                |           |           | In flow                        |          |                |      |
|           |                |       |                 | 8/308 QUEEN ST EAST, HASTINGS  | RDCI<br>PO BOX 2805 |          | AVEI                  | LOCI           | K NC      | )<br>DRTI | H 4130   <b>N</b> EW ZEAL      | AND      |                |      |
|           |                |       |                 | Ph: +64 6  | 8771652 <b> </b> Em | ail: ir  | nfo@                  | rdc <b>i</b> c | co n      | z         | ,                              |          |                |      |



HA9.05

SHEET 5 OF 21

|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 | SHE      | EISUFZI       |
|-----------|------------------|-------|---------------------|---|--------------------|-------------------|-----------------------|----------------|-----------|----------|---------------------------------|----------|---------------|
| CLI       | ENT:             | Gre   | ensto               | ne Land Developments Ltd  | PROJECT <b>I</b> O | N: N              | IZTM                  |                |           |          | LOCATION: Lot15                 | 5        |               |
| PR        | OJEC             | T:    | 18397               | 0602  | EASTING:           | 19                | 28467                 | 7.03           |           |          | STARTED: 20/02                  | /2019    |               |
| LOC       | CATIO            | ON:   | Lyndh               | urst Road, Frim <b>l</b> ey, Hastings                                     | NORTHING:          | 56                | 07710                 | 31             |           |          | FINISHED: 20/02                 | /2019    |               |
|           |                  |       |                     |   | DATUM: -           |                   |                       |                |           |          | LOGGED BY: SI                   | DAT      | E: 20/02/2019 |
| OFF       | ICE:             | :     | RDCL                | - Hastings  | ELEVATION          | : -               |                       |                |           |          | CHECKED BY: JN                  | 1 DAT    | E: 12/03/2019 |
| ENG       | SINE             | ER:   | ТВ                  |   | DIAMETER:          | 0m                | ım                    |                |           |          | STATUS: Final da                | ta       |               |
| COI       | NTRA             | ACTO  | R:                  |   | OPERATOR           | :                 |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   | 1                     | NO             |           |          |                                 |          |               |
| DEPTH (m) | RL (m)           | WATER | GRAPHIC<br>LOG      | ROCK / SOIL DESCRIPTION   |                    | OISTURE           | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |          | SAMPLES<br>& TESTS              | ADDITION | AL REMARKS    |
| D         | <u> </u>         | >     | * : X :             | Sandy SILT; brown, dark brown mottling. Very                              |                    | ≥0                | ٥٥                    | 0              |           |          |                                 |          |               |
|           | -<br>-           |       | * * *<br>* * *      | sand, fine; (Fill).   |                    | D                 | VSF                   |                |           |          |                                 |          |               |
| 0.5       | - o              |       | * × ×               | Sandy SILT; greyish brown with orange mottling plastic; sand, fine.       | g. Non-            |                   |                       |                |           |          | FSV: 0.70m                      |          |               |
|           | -                |       | * * * *             | plastic, sairu, iirie,  |                    |                   |                       |                |           |          | 99/25kPa                        |          |               |
| 1.0       | - 1-             |       | * × ×<br>× ×<br>* × |   |                    |                   |                       |                |           |          |                                 |          |               |
| , -       | ري.              |       | × × ×               | SAND, with minor silt; greyish brown, orange m                            |                    |                   |                       |                |           |          |                                 |          |               |
| 1.5       | - <del>-</del> - |       |                     | plastic; moist,   |                    | М                 |                       |                |           |          |                                 |          |               |
| 2.0       | . 0              |       | * × ×               | Sandy SILT, with trace clay; greyish brown, ora<br>Firm; wet; sand, fine. | ange mottling.     | w                 | FM                    |                |           |          |                                 |          |               |
|           | -                |       |                     | EOH: 2.00m  |                    |                   |                       |                |           |          |                                 |          |               |
|           | - <sub>ເບ</sub>  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| 2.5       | - N              |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           | -                |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| 3.0       | - 0°             |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           | -                |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           | . د              |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| 3.5       | - ო              |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           | -                |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| 4.0       | - 4              |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| .15       |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
| 4.5       | - 4              |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           | -                |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           | RE       | <br>MARKS                       |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           | Gro      | und water not encountered       | I        |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           | sv       | MBOLS                           |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          |                                 |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          | Standing Water Level - Out flow |          |               |
|           |                  |       |                     |   |                    |                   |                       |                |           |          | - In flow                       |          |               |
|           |                  |       |                     | 8/308 QUEEN ST EAST, HASTINGS   | RDC<br>PO BOX 2805 | 57, H             | AVEL                  |                | K NC      | ⊢<br>DRT | H 4130   NEW ZEAL               | AND      |               |
|           |                  |       |                     | Ph: +64 6   | 8771652 Em         | nai <b>l</b> : ir | nfo@ı                 | dcl.d          | co.nz     | z        |                                 |          |               |



HA9.06

SHEET 6 OF 21

|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       | SHEEL OUF 21              |
|-----------|--------|-------|---------------------------------------|--|-----------------------------|---------------------------|-----------------------|-------------------------|-----------|----------|-------------------------------|-------|---------------------------|
| CLIE      | NT:    | Gre   | enstor                                | ne Land Developments Ltd   | PROJECTIO                   | N: N                      | IZTM                  |                         |           |          | LOCATION: Lot15               | 4     |                           |
| PRO       | IEC    | T:    | 18397                                 | 0602   | EASTING:                    | 19:                       | 28492                 | 2.35                    |           |          | STARTED: 20/02                | /2019 |                           |
| LOCA      | TIC    | N:    | Lyndh                                 | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:                   | 56                        | 07678                 | 8.95                    |           |          | FINISHED: 20/02               | /2019 |                           |
|           |        |       |                                       |  | DATUM: -                    |                           |                       |                         |           |          | LOGGED BY: SI                 | )     | DATE: 20/02/2019          |
| OFF       | CE:    |       | RDCL                                  | - Hastings   | ELEVATION:                  | -                         |                       |                         |           |          | CHECKED BY: JN                | 1     | DATE: 12/03/2019          |
| ENGI      | NEE    | R:    | ТВ                                    |  | DIAMETER:                   | 0m                        | ım                    |                         |           |          | STATUS: Final da              | ta    |                           |
| CON       | ΓRA    | сто   | R:                                    |  | OPERATOR                    |                           |                       |                         |           | _        |                               |       |                           |
|           |        |       |                                       |  |                             |                           | ۲/                    | NO<br>NO                |           |          |                               |       |                           |
| DEPTH (m) | RL (m) | WATER | GRAPHIC<br>LOG                        | ROCK / SOIL DESCRIPTION  |                             | AOISTURE<br>CONDITION     | CONSISTENCY / DENSITY | CLASSIFICATION          | DCP BLOWS |          | SAMPLES<br>& TESTS            | ΑC    | D <b>ITI</b> ONAL REMARKS |
| -         | _      |       | ,                                     | SILT, with some sand, with trace rootlets; dark                                  |                             | 20                        |                       |                         |           |          |                               |       |                           |
| -         |        |       | Ŋ,                                    | stiff; dry; sand, fine; (Fill).  |                             |                           | VSF                   |                         |           |          |                               |       |                           |
| 0.5       | -0.5   |       | ·                                     |  |                             | D                         |                       |                         |           |          |                               |       |                           |
| -         | •      |       |                                       | SAND, with trace silt; brown with orange mottlin<br>non-plastic; dry; sand, fine | ng. Dense;                  |                           | D                     |                         |           |          |                               |       |                           |
|           | -1.0   |       |                                       | SAND; brown, orange mottling. Medium dense; fine.                                | moist; sand,                |                           | MD                    |                         |           |          |                               |       |                           |
| ļ         |        |       | * × ×                                 | Sandy SILT, with some clay; greyish brown, da                                    | rk orange                   |                           |                       | 1                       |           |          |                               |       |                           |
| 1.5       | -1.5   |       | # # # # # # # # # # # # # # # # # # # | mottling. Stiff; moist; sand, fine.  |                             | М                         | SF                    |                         |           |          |                               |       |                           |
| ļ         |        |       | *                                     | SAND, with trace day and silt; brown orange m                                    | nottling.                   | W                         | MD                    | -                       |           |          |                               |       |                           |
|           | 7      |       |                                       | Medium dense; wet; sand, fine.   |                             |                           |                       |                         |           |          |                               |       |                           |
| -         |        |       |                                       | EOH: 2.00m   | 1                           |                           |                       |                         |           |          |                               |       |                           |
|           | 2.5    |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| -         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| -         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| 3.0       | 3.0    |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| -         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| 3.5       | 3.5    |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| ļ         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| ļ         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| 4.0       | 4      |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| ļ         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| 4.5       | 5      |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| -         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
| ļ         |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         | -         | RE       | MARKS                         |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           | Grou     | und water not encountered     | i     |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           | ev.      | MBOLS                         |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          |                               |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          | Standing Water Level Out flow |       |                           |
|           |        |       |                                       |  |                             |                           |                       |                         |           |          | In flow                       |       |                           |
|           |        |       |                                       |  | RDCI                        |                           |                       |                         |           |          |                               | •••=  |                           |
|           |        |       |                                       | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6                                     | PO BOX 2805<br>8771652   Em | 7, H.<br>ai <b>l</b> : ir | AVEI                  | LOCI<br>rdc <b>i</b> .c | K NC      | RTI<br>Z | H 4130   NEW ZEAL             | AND   |                           |



HA9.07

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|           |                  |       |                |   |                    |                            |                       |                |           |                 |                                       | SHEEL / OF 21      |
|-----------|------------------|-------|----------------|---|--------------------|----------------------------|-----------------------|----------------|-----------|-----------------|---------------------------------------|--------------------|
| CL        | ENT:             | Gre   | enstor         | ne Land Developments Ltd  | PROJECTIC          | N: N                       | IZTM                  |                |           |                 | LOCATION: Lot15                       | 3                  |
| PR        | OJEC             | CT:   | 18397          | 0602  | EASTING:           | 19:                        | 28473                 | 3.14           |           |                 | STARTED: 20/02                        | /2019              |
| LO        | CATIO            | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings   | NORTHING:          | 56                         | 07660                 | 0.62           |           |                 | FINISHED: 20/02                       | /2019              |
|           |                  |       |                |   | DATUM: -           |                            |                       |                |           |                 | LOGGED BY: SE                         | DATE: 20/02/2019   |
| OF        | ICE:             | :     | RDCL           | - Hastings  | ELEVATION          | : <b>-</b>                 |                       |                |           |                 | CHECKED BY: JM                        | 1 DATE: 12/03/2019 |
| EN        | SINE             | ER:   | ТВ             |   | D <b>I</b> AMETER: | 0m                         | ım                    |                |           |                 | STATUS: Final da                      | ta                 |
| CO        | NTRA             | ACTO  | R:             |   | OPERATOR           | :                          |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            | / >                   | NO             |           |                 |                                       |                    |
| DEPTH (m) | RL (m)           | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION   |                    | MOISTURE                   | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |                 | SAMPLES<br>& TESTS                    | ADDITIONAL REMARKS |
|           | -                |       | * * *          | Sandy SILT, with some rootlets; dark brown. Veplastic; dry; sand, fine; (Fill).             | ery stiff; non-    | D                          | VSF                   |                | _         |                 |                                       |                    |
| 0.5       | 0.5              |       |                | SAND; brown, orange mottling. Medium dense; fine.   | moist; sand,       |                            |                       |                |           |                 |                                       |                    |
| 1.0       | -<br>-           |       |                |   |                    |                            | MD                    |                |           |                 |                                       |                    |
| 1.5       | - 1-             |       | ×<br>×<br>×    | Silty SAND; greyish brown, grey and orange mondedium dense; non-plastic; moist; sand, fine. | ottling.           | М                          |                       |                |           |                 |                                       |                    |
| 2.0       | - 50             |       | <u> </u>       | SAND; brown . Medium dense; moist; sand, fin Clayey SILT; grey with dark orange mottling. S |                    |                            |                       |                |           |                 |                                       |                    |
|           | -                |       | <u>~_^~</u>    | plasticity; moist.  | m, moderate        |                            | SF                    |                |           |                 |                                       |                    |
| .0.5      | - 2              |       |                | \EOH: 2.30m   | /                  |                            |                       |                |           |                 |                                       |                    |
| 2.5       | - Ņ              |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
| ·3.0      | -<br>- 0.6-<br>- |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
| 3.5       | - 32             |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
| 4.0       | - 4<br>- 0       |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
| 4.5       | -<br>- 4.        |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            |                       |                |           |                 | MARKS<br>and water not encountered    | I                  |
|           |                  |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            |                       |                |           |                 |                                       |                    |
|           |                  |       |                |   |                    |                            |                       |                |           | SYN             | MBOLS                                 |                    |
|           |                  |       |                |   |                    |                            |                       |                |           | $\triangleleft$ | Standing Water Level Out flow In flow |                    |
|           |                  |       |                | 8/308 OHEEN STEAST HASTINGS   | RDC                |                            | Δ۱/⊏۱                 | 001            | ( N/C     | •               |                                       | AND                |
|           |                  |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6  | 8771652   Em       | o≀, ⊓<br>nai <b>l</b> : ir | , ∖v ⊑l<br>nfo@i      | dcl.c          | o.nz      | , 1 \ 1 F<br>Z  | T T TOO   INL VV ZEAL                 | 1140               |



HA9.08

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|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       | SHEET OUF 21     |
|-----------|-----------------|-------|----------------|--|-------------|-------|-----------------------|----------------|-------|-----------|------------------------------------|-------|------------------|
| CLI       | ENT:            | Gre   | enstor         | ne Land Developments Ltd   | PROJECTIO   | N: N  | IZTM                  |                |       |           | LOCATION: Lot15                    | 2     |                  |
| PRO       | OJEC            | T:    | 18397          | 0602   | EASTING:    | 19    | 28454                 | 4.72           |       |           | STARTED: 20/02                     | /2019 |                  |
| LOC       | CATIO           | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:   | 56    | 0764                  | 7.11           |       |           | FINISHED: 20/02                    | /2019 |                  |
|           |                 |       |                |  | DATUM: -    |       |                       |                |       |           | LOGGED BY: SI                      | )     | DATE: 20/02/2019 |
| OFF       | ICE:            | :     | RDCL           | - Hastings   | ELEVATION   | -     |                       |                |       |           | CHECKED BY: JN                     | 1     | DATE: 12/03/2019 |
| ENG       | SINE            | ER:   | ТВ             |  | DIAMETER:   | 0m    | ım                    |                |       |           | STATUS: Final da                   | ta    |                  |
| COI       | NTRA            | ACTO  | R:             |  | OPERATOR    |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       | / <del>\</del>        | N<br>O         |       |           |                                    |       |                  |
| DEPTH (m) | _               | œ     | HIC            | ROCK / SOIL DESCRIPTION  |             | TURE  | CONSISTENCY / DENSITY | CLASSIFICATION | BLOWS |           | SAMPLES<br>& TESTS                 | ADI   | DITIONAL REMARKS |
| EPT       | RL (m)          | WATER | GRAPHIC<br>LOG |  |             | NOIS  | SONS                  | LAS            | DCP E |           |                                    |       |                  |
|           | -<br>-          | >     | ≗ TS           | TOPSOIL; dark brown . Very stiff; dry; some roplastic.   |             | D     | VSF                   |                |       |           |                                    |       |                  |
|           | -<br>- ഹ        |       |                | SAND; brown with grey orange mottling. Mediu moist; sand, fine.                                  | m dense;    |       |                       |                |       |           |                                    |       |                  |
| 0.5       | - o             |       |                | motes, carra, micr   |             |       | MD                    |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 1.0       | - 6             |       |                | SILT, with some sand; greyish brown with dark  | orange      | М     |                       | -              |       |           |                                    |       |                  |
|           | -               |       |                | mottling. Stiff; low plasticity; moist.  |             |       | SF                    |                |       |           |                                    |       |                  |
| 1.5       | - 5             |       |                |  |             |       | 0.                    |                |       |           |                                    |       |                  |
|           | -               |       | *              | Silty SAND; greyish brown with dark orange mo  | ottling.    |       | MD                    |                |       |           |                                    |       |                  |
| 2.0       | - 0<br>- 2      |       | 4,5            | SILT, with some clay and sand; greyish brown, mottling. Stiff; moderate plasticity; wet; sand, f | dark orange | W     | SF                    |                |       |           |                                    |       |                  |
|           | _               |       |                | EOH: 2.10m   | /           |       |                       |                |       |           |                                    |       |                  |
|           | - ທຸ            |       |                | EGN. 2.10111   | ,           |       |                       |                |       |           |                                    |       |                  |
| 2.5       | - 0             |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 3.0       | 3.0             |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | _               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 3.5       | -<br>- 3.5<br>- |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 0.0       | - "             |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 4.0       | - 4<br>- 6      |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
| 4.5       | - 4             |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           | -               |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           | MARKS<br>und water not encountered |       |                  |
|           |                 |       |                |  |             |       |                       |                |       | GIO       | and water not encountered          | 1     |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |
|           |                 |       |                |  |             |       |                       |                |       | SYI       | MBOLS                              |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           | Standing Water Level               |       |                  |
|           |                 |       |                |  |             |       |                       |                |       |           | Out flow<br>In flow                |       |                  |
|           |                 |       |                |  | RDCI        |       |                       |                |       |           | 11047                              |       |                  |
|           |                 |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   |             | 57, H | AVEI                  | LOCI           | K NC  | DRTI<br>z | H 4130   NEW ZEAL                  | AND   |                  |
|           |                 |       |                |  |             |       |                       |                |       |           |                                    |       |                  |



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|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           | 3               | HEEL 9 OF 21    |
|-----------|----------------|-------|---------------------------------------|--|--------------------|-------------------|-----------------------|----------------|-----------|------------------|---------------------------|-----------------|-----------------|
| CLI       | ENT:           | Gr    | eensto                                | ne Land Developments Ltd                                       | PROJECT <b>I</b> O | N: N              | IZTM                  |                |           |                  | LOCATION: Lot15           | 1               |                 |
| PRO       | OJEC           | T:    | 18397                                 | 0602   | EASTING:           | 19                | 28424                 | 1.33           |           |                  | STARTED: 20/02            | /2019           |                 |
| LO        | CATIO          | ON:   | Lyndh                                 | urst Road, Frim <b>l</b> ey, Hastings                          | NORTHING:          | 56                | 07639                 | 9.42           |           |                  | FINISHED: 20/02           | /2019           |                 |
|           |                |       |                                       |  | DATUM: -           |                   |                       |                |           |                  | LOGGED BY: SI             | D D             | ATE: 20/02/2019 |
| OFF       | ICE:           |       | RDCL                                  | - Hastings   | ELEVATION          | : -               |                       |                |           |                  | CHECKED BY: JN            | 1 D             | ATE: 12/03/2019 |
| ENG       | SINE           | ER:   | ТВ                                    |  | DIAMETER:          | 0m                | ım                    |                |           |                  | STATUS: Final da          | ta              |                 |
| COI       | NTRA           | ACTO  | DR:                                   |  | OPERATOR           | :                 |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   | 1)                    | NO             |           |                  |                           |                 |                 |
| DEPTH (m) | RL (m)         | WATER | GRAPHIC<br>LOG                        | ROCK / SOIL DESCRIPTION  |                    | MOISTURE          | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |                  | SAMPLES<br>& TESTS        | ADD <b>I</b> TI | ONAL REMARKS    |
| _         |                |       | 20 S<br>≥ TS                          | TOPSOIL; dark brown. Very stiff; dry; some ro                  | otlets (fi∎).      |                   |                       |                | Ī         |                  |                           |                 |                 |
|           | -              |       | <u> </u>                              |  |                    | D                 | VSF                   |                |           |                  |                           |                 |                 |
| 0.5       | - 2            |       | 34 3                                  |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       | SAND; brown with grey mottling. Medium dens sand, fine.        | e; moist;          |                   |                       |                |           |                  |                           |                 |                 |
|           | -<br>- o       |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 1.0       | - <del>-</del> |       |                                       |  |                    | м                 | MD                    |                |           |                  |                           |                 |                 |
|           | -              |       | * × ×                                 | Sandy S <b>I</b> LT; greyish brown with orange mottling        | g. Medium          | "                 |                       |                |           |                  |                           |                 |                 |
| 1.5       | - 4            |       | * * * * * * * * * * * * * * * * * * * | dense; low plasticity; moist; sand, fine.                      |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       | SILT, with some sand; greyish brown, grey and                  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | - o            |       |                                       | mottling. Moderate plasticity; moist; trace fibro<br>material. | us organics        |                   |                       |                |           |                  |                           |                 |                 |
| 2.0       | - 0            |       |                                       | EOH: 1.80m   |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 2.5       | - 2            |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | - 0.           |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 3.0       | — ო<br>-       |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 3.5       | 3.5            |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | - 0            |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 4.0       | -<br>- 4       |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
| 4.5       | - 4            |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           | -              |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                | •         |                  | MARKS                     |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           | Gro              | und water not encountered | 1               |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  |                           |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           | SY               | MBOLS                     |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           | •                | Standing Water Level      |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           |                  | Out flow                  |                 |                 |
|           |                |       |                                       |  |                    |                   |                       |                |           | $\triangleright$ | In flow                   |                 |                 |
|           |                | _     |                                       | 8/308 QUEEN ST EAST, HASTINGS                                  | RDC<br>PO BOX 2805 |                   | AVFI                  | -OC            | <br>< NC  | <br>RTI          | H 4130   NFW 7FAI         | AND             |                 |
|           |                |       |                                       | Ph: +64 6  | 8771652   Em       | nai <b>l</b> : ir | nfo@i                 | dcl.c          | o nz      | Z                |                           |                 |                 |



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|           |        |       |                  |  |                |              |                          |                |       |     |                           | SHEET IU                         | JF 21   |
|-----------|--------|-------|------------------|--|----------------|--------------|--------------------------|----------------|-------|-----|---------------------------|----------------------------------|---------|
| CLIE      | ENT:   | Gre   | ensto            | ne Land Developments Ltd   | PROJECTIC      | N: N         | IZTM                     |                |       |     | LOCATION: Lot15           | 0                                |         |
| PRC       | JEC    | T:    | 18397            | 0602   | EASTING:       | 19:          | 2842                     | 0.16           |       |     | STARTED: 20/02            | /2019                            |         |
| LOC       | ATI    | ON:   | Lyndh            | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING       | 56           | 0766                     | 9.47           |       |     | FINISHED: 20/02           | /2019                            |         |
|           |        |       |                  |  | DATUM: -       |              |                          |                |       |     | LOGGED BY: SI             | DATE: 20/0                       | 02/2019 |
| OFF       | ICE:   |       | RDCL             | - Hastings   | ELEVATION      | l: <b>-</b>  |                          |                |       |     | CHECKED BY: JN            | DATE: 12/0                       | 03/2019 |
| ENG       | INE    | ER:   | ТВ               |  | DIAMETER:      | 0m           | ım                       |                |       |     | STATUS: Final da          | ta                               |         |
| CON       | ITR/   | СТО   | R:               |  | OPERATOR       | l:           |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              | / /                      | NO             |       |     |                           |                                  |         |
| DEPTH (m) | _      | œ     | HIC              | ROCK / SOIL DESCRIPTION  |                | MOISTURE     | CONSISTENCY /<br>DENSITY | CLASSIFICATION | BLOWS |     | SAMPLES<br>& TESTS        | ADD <b>I</b> T <b>I</b> ONAL REM | ARKS    |
| EPT       | RL (m) | WATER | GRAPHIC<br>LOG   |  |                | NOIS         | SONS                     | CLAS           | DCP [ |     |                           |                                  |         |
|           | ш.     | >     | ≗ TS             | TOPSOIL; dark brown. Very stiff; dry; some roo   | otlets, non    | 20           |                          |                |       |     |                           |                                  |         |
|           |        |       | $\frac{Mb}{2}$ . | plastic.   |                | D            | VSF                      |                |       |     |                           |                                  |         |
| -<br>-0.5 | 0.5    |       | <u> 6 46</u>     | SAND; brown with grey orange mottling. Mediu   | m dense;       |              |                          |                |       |     |                           |                                  |         |
|           | 7      |       |                  | moist; sand, fine.   |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              | MD                       |                |       |     |                           |                                  |         |
| -1.0      | - 1-   |       |                  |  |                | м            |                          |                |       |     |                           |                                  |         |
|           |        |       | * * *<br>* *     | Sandy SILT; greyish brown orange and grey mo<br>low plasticity; moist; sand, fine.     | ottling Stiff; |              |                          |                |       |     |                           |                                  |         |
| -<br>-1.5 | - 12   |       | × × ±            |  |                |              | SF                       |                |       |     |                           |                                  |         |
| - 1.3     | ``     |       | * * *            |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       | × × ×            | SAND, with trace silt; brown with orange mottlind dense; non-plastic; wet; sand, fine, | ng. Medium     | M            | MD                       |                |       |     |                           |                                  |         |
| 2.0       | - 50   |       | × ×              | Sandy SILT, with minor clay; greyish brown wit   |                | <del> </del> |                          |                |       |     |                           |                                  |         |
|           |        |       |                  | dark orange mottling. Moderate plasticity; moist                                       |                |              |                          |                |       |     |                           |                                  |         |
| -<br>-2.5 | 22     |       |                  | EOH: 2.00m   | I              |              |                          |                |       |     |                           |                                  |         |
|           | ٩-     |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
| -3.0      | - °    |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
| -<br>-3.5 | 2.2    |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
| 3.5       | - ო    |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
| -4.0      | - 4    |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           | ம      |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
| -4.5<br>- | A      |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       | REN | MARKS                     |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     | nd water not encountere   | i                                |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     |                           |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       | SYN | MBOLS                     |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     | Standing Water Level      |                                  |         |
|           |        |       |                  |  |                |              |                          |                |       |     | Out flow<br>In flow       |                                  |         |
|           |        |       |                  |  | RDC            | L            |                          |                |       | -   |                           |                                  |         |
|           |        |       |                  | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   |                | 57, H        |                          |                |       |     | l 4130   <b>N</b> EW ZEAL | AND                              |         |



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|           |                                      |       |   |  |                                    |                       |                       |                |           |           |                                  | SHEET IT OF 21     |
|-----------|--------------------------------------|-------|---|--|------------------------------------|-----------------------|-----------------------|----------------|-----------|-----------|----------------------------------|--------------------|
| CLI       | ENT:                                 | Gre   | eenstor                                 | ne Land Developments Ltd   | PROJECTIO                          | N: N                  | IZTM                  |                |           |           | LOCATION: Lot14                  | 8                  |
| PRO       | DJEC                                 | T:    | 18397                                   | 0602   | EASTING:                           | 19                    | 28418                 | 8.32           |           |           | STARTED: 20/02                   | /2019              |
| LOC       | CATIO                                | ON:   | Lyndh                                   | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:                          | 56                    | 07690                 | 0.90           |           |           | FINISHED: 20/02                  | /2019              |
|           |                                      |       |   |  | DATUM: -                           |                       |                       |                |           |           | LOGGED BY: SE                    | DATE: 20/02/2019   |
| OFF       | ICE:                                 |       | RDCL                                    | - Hastings   | ELEVATION                          | : -                   |                       |                |           |           | CHECKED BY: JM                   | M DATE: 12/03/2019 |
| ENG       | SINE                                 | ER:   | ТВ                                      |  | DIAMETER:                          | 0m                    | ım                    |                |           |           | STATUS: Final da                 | ta                 |
| COI       | NTR/                                 | ACTO  | <br>DR:                                 |  | OPERATOR                           | :                     |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       | _                     | z              |           |           |                                  |                    |
| DEPTH (m) | RL (m)                               | WATER | GRAPHIC<br>LOG                          | ROCK / SOIL DESCRIPTION  |                                    | MOISTURE<br>CONDITION | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |           | SAMPLES<br>& TESTS               | ADDITIONAL REMARKS |
|           | -                                    |       | as<br>STS<br>See S                      | TOPSOIL; dark brown. Very soft; dry; non plas rootlets (Fill).   |                                    | D                     | vs                    |                |           |           |                                  |                    |
| 0.5       | - 0 -                                |       |   | SAND, with trace silt; brown with orange mottlindense; non-plastic; moist; sand, fine.   |                                    |                       | MD                    |                |           |           |                                  |                    |
|           | -                                    |       | * * *<br>* * *                          | Sandy SILT; greyish brown with orange mottling plasticity; moist; sand, fine.  SAND; brown, grey mottling. Medium dense; m                     |                                    |                       | SF                    |                |           |           |                                  |                    |
| 1.0       |                                      |       | ×                                       | fine to medium.  |                                    | М                     | MD                    |                |           |           |                                  |                    |
|           |                                      |       | × · · · · · · · · · · · · · · · · · · · | Silty SAND; greyish brown, dark orange mottlin<br>dense; low plasticity; moist; sand, fine.  | g. wealum                          |                       |                       |                |           |           |                                  |                    |
| 1.5       | - 4                                  |       | x x                                     | Sandy SILT, with some clay, with trace gravel;<br>brown, dark orange mottling. Moist; sand, fine;<br>round, pumice; trace of organic material. |                                    | _                     |                       |                |           |           |                                  |                    |
| 2.0       | - 2.0                                |       |   | EOH: 1.60m   |                                    |                       |                       |                |           |           |                                  |                    |
|           | -<br>-                               |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
| 2.5       | - 5 -                                |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           | -                                    |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
| 3.0       | - 3.0                                |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           | -<br>-<br>-                          |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
| 3.5       | - ကု<br>-<br>-                       |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
| 4.0       | - 4<br>- 6                           |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
| 4.5       | - <del>4</del> .<br>- <del>6</del> . |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           | -<br>-                               |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       |                       | •              | •         |           | ARKS<br>nd water not encountered | ı                  |
|           |                                      |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           |           |                                  |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           | SYM       | MBOLS                            |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           | •         | Standing Water Level Out flow    |                    |
|           |                                      |       |   |  |                                    |                       |                       |                |           |           | In flow                          |                    |
|           |                                      |       |   | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   | RDC<br>PO BOX 2809<br>8771652   Em | 57, H                 | AVEI                  | LOCI           | K NC      | ORTH<br>z | I 4130   NEW ZEAL                | AND                |



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|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           | SHEET                          | 12 UF 21   |
|----------------------------|-------------|-------|----------------|--|------------------------------------|----------|-----------------------|----------------|--------|------------------|---------------------------|--------------------------------|------------|
| CLI                        | ENT:        | Gre   | ensto          | ne Land Developments Ltd   | PROJECTIC                          | N: N     | IZTM                  |                |        |                  | LOCATION: Lot14           | 7                              |            |
| PR                         | OJEC        | T:    | 18397          | 0602   | EASTING:                           | 19       | 2840                  | 80.0           |        |                  | STARTED: 20/02            | /2019                          |            |
| LOC                        | CATIO       | :NC   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:                          | 56       | 0771                  | 3.50           |        |                  | FINISHED: 20/02           | /2019                          |            |
|                            |             |       |                |  | DATUM: -                           |          |                       |                |        |                  | LOGGED BY: SI             | DATE:                          | 20/02/2019 |
| OFF                        | ICE:        |       | RDCL           | - Hastings   | ELEVATION                          | : -      |                       |                |        |                  | CHECKED BY: JN            | DATE:                          | 12/03/2019 |
| ENG                        | SINE        | ER:   | ТВ             |  | DIAMETER:                          | 0m       | nm                    |                |        |                  | STATUS: Final da          | ta                             |            |
| COI                        | NTRA        | ACTC  | R:             |  | OPERATOR                           | :        |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          | 7                     | NO             |        |                  |                           |                                |            |
| (m)                        |             |       | <u>၁</u>       | ROCK / SOIL DESCRIPTION  |                                    | E NO     | CONSISTENCY / DENSITY | CLASSIFICATION | BLOWS  |                  | SAMPLES<br>& TESTS        | ADD <b>I</b> T <b>I</b> ONAL F | REMARKS    |
| DEPTH (m)                  | RL (m)      | WATER | GRAPHIC<br>LOG |  |                                    | MOISTURE | CONSIS                | CLASS          | DCP BL |                  |                           |                                |            |
|                            | -           |       | ± TS           | TOPSOIL; dark brown. Very stiff; dry; non plas   | tic, some                          | 20       |                       | Ŭ              | _      |                  |                           |                                |            |
| -                          | -           |       | <u>se</u> .    | rootlets (Fill).   |                                    | D        | VSF                   |                |        |                  |                           |                                |            |
| -<br>0.5<br>-              | - 0.5       |       |                | SAND; brown with grey and orange mottling. M<br>moist; sand, fine.                               | edium dense;                       |          | MD                    |                |        |                  |                           |                                |            |
| -                          | -           |       | * * * *        | Sandy SILT; brown with dark grey andorange mow plasticity; moist; sand, fine.                    | nottling. Stiff;                   |          | SF                    |                |        |                  |                           |                                |            |
| -1.0<br>-                  |             |       |                | SAND, with trace silt; greyish brown with grey a mottling. Medium dense; non-plastic; moist; sar |                                    | М        | MD                    |                |        |                  |                           |                                |            |
| -                          | -<br>-<br>- |       |                |  |                                    |          | IVID                  |                |        |                  |                           |                                |            |
| 1.5<br>                    | - 1         |       | ×              | SILT, with some clay and sand; brown with gre  | y and dark                         |          |                       |                |        |                  |                           |                                |            |
| -                          |             |       | 2              | orange mottling. Stiff; moderate plasticity; wet;  |                                    | w        | SF                    |                |        |                  |                           |                                |            |
| <del>- 2.0</del><br>-<br>- | - 71        |       |                | ( <del>2011. 2.0011)</del>   |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          | - 10        |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -2.5<br>-                  | - 2         |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -3.0<br>-                  | – က<br>-    |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          | -           |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -3.5<br>-                  | 3.          |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          | -           |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -<br>-4.0<br>-             | - 4<br>- 0  |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          | -           |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -<br>-4.5                  | - 4         |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            | -           |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
| -                          | -           |       |                |  |                                    |          |                       |                |        | REN              | MARKS                     |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  | ind water not encountered | t                              |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        |                  |                           |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        | SYN              | MBOLS                     |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        | <b>T</b>         | Standing Water Level      |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        | $\triangleleft$  | Out flow                  |                                |            |
|                            |             |       |                |  |                                    |          |                       |                |        | $\triangleright$ | In flow                   |                                |            |
|                            |             |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   | RDC<br>PO BOX 2809<br>8771652   Em | 57, H    |                       |                |        |                  | 1 4130   NEW ZEAL         | AND                            |            |
|                            |             |       |                | 111.1040   |                                    | H        |                       |                |        | -                |                           |                                |            |



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|                            |                       |       |                         |  |                                    |                |                          |                |       |      |                                    | SHEET                          | 13 OF 21   |
|----------------------------|-----------------------|-------|-------------------------|--|------------------------------------|----------------|--------------------------|----------------|-------|------|------------------------------------|--------------------------------|------------|
| CLI                        | ENT:                  | Gre   | ensto                   | ne Land Developments Ltd   | PROJECTIC                          | N: N           | IZTM                     |                |       |      | LOCATION: Lot14                    | .9                             |            |
| PR                         | OJEC                  | CT:   | 18397                   | 0602   | EASTING:                           | 19:            | 2838                     | 0.71           |       |      | STARTED: 20/02                     | 2/2019                         |            |
| LO                         | CATIO                 | ON:   | Lyndh                   | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING                           | 56             | 0769                     | 9.51           |       |      | FINISHED: 20/02                    | 2/2019                         |            |
|                            |                       |       |                         |  | DATUM: -                           |                |                          |                |       |      | LOGGED BY: SI                      | DATE:                          | 20/02/2019 |
| OF                         | ICE:                  | :     | RDCL                    | - Hastings   | ELEVATION                          | : <b>-</b>     |                          |                |       |      | CHECKED BY: JN                     | I DATE:                        | 12/03/2019 |
| EN                         | SINE                  | ER:   | ТВ                      |  | DIAMETER:                          | 0m             | ım                       |                |       |      | STATUS: Final da                   | ta                             |            |
| СО                         | NTRA                  | ACTO  | R:                      | _  | OPERATOR                           |                |                          |                |       |      |                                    |                                |            |
|                            |                       |       |                         |  |                                    |                | 7                        | NO             |       |      |                                    |                                |            |
| (m) +                      |                       | ~     | 을                       | ROCK / SOIL DESCRIPTION  |                                    | URE            | CONSISTENCY /<br>DENSITY | CLASSIFICATION | BLOWS |      | SAMPLES<br>& TESTS                 | ADD <b>I</b> T <b>I</b> ONAL R | REMARKS    |
| <b>DEPTH</b> (m)           | RL (m)                | WATER | GRAPHIC<br>LOG          |  |                                    | MOIST<br>CONDI | CONS                     | CLASS          | DCP B |      |                                    |                                |            |
| -                          | -                     |       | 50 TS<br>20 20<br>20 20 | GravellyTOPSOIL; dark brown. Very stiff; dry; g<br>coarse, round; some rootlets (Fill).                          | gravel, fine to                    | D              | VSF                      |                |       |      |                                    |                                |            |
| -<br>0.5<br>-              | -<br>-<br>-<br>-<br>- |       | * × ×<br>* × ×<br>* ×   | Sandy SILT; brown with orange mottling. Stiff; i<br>moist; sand, fine.   | non-plastic;                       |                | SF                       |                |       |      |                                    |                                |            |
| -<br>-<br>1.0              | - 1-                  |       |                         | SAND, with trace silt; brown with orange and g<br>Medium dense; non-plastic; moist.                              | rey mott <b>l</b> ing.             |                |                          |                |       |      |                                    |                                |            |
| -                          | - '<br>-              |       |                         |  |                                    | М              | MD                       |                |       |      |                                    |                                |            |
| -<br>1.5<br>-<br>-         | - 1.5                 |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -<br>-<br><del>- 2.0</del> | - 0.                  |       | 6                       | SILT, with some clay, with minor sand; dark or<br>black and grey mottling. Firm; moderate plastic<br>sand, fine. | ange with<br>ity; moist;           |                | FM                       |                |       |      |                                    |                                |            |
| -                          | - ·                   |       |                         | FOH: 2.00m   | I                                  |                |                          |                |       |      |                                    |                                |            |
| -<br>-2.5<br>-             | -2.5                  |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -<br>-<br>-3.0             | - 3.0                 |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -                          | - ·                   |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -<br>-3.5<br>-             | -3.5                  |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -<br>-<br>4.0              | - 4<br>- 0            |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -                          | - '                   |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -<br>4.5<br>-              | - 4<br>- 3            |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
| -                          | -                     |       |                         |  |                                    |                |                          |                |       | DE   | MADICO                             |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      | MARKS<br>and water not encountered | d                              |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       | 0).4 | ADOL C                             |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      | MBOLS Standing Water Level         |                                |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       | <-   | Out flow<br>In flow                |                                |            |
|                            |                       |       |                         | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   | RDC<br>PO BOX 280:<br>8771652   En | 57, H          |                          |                |       |      | H 4130   NEW ZEAL                  | AND                            |            |
|                            |                       |       |                         |  |                                    |                |                          |                |       |      |                                    |                                |            |



HA9.14

|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       | SHEET      | 14 OF 21  |          |
|-----------|--------|-------|----------------|--|------------------------|------|-----------------------|----------------|-----------|----------|------------------------------------|-------|------------|-----------|----------|
| CL        | ENT:   | Gre   | enstor         | ne Land Developments Ltd   | PROJECTIO              | N: N | IZTM                  |                |           |          | LOCATION: Lot14                    | 6     |            |           |          |
| PR        | OJEC   | T:    | 18397          | 0602   | EASTING:               | 192  | 28389                 | 9.44           |           |          | STARTED: 20/02                     | /2019 |            |           |          |
| LO        | CATIO  | :NC   | Lyndhı         | urst Road, Frimley, Hastings   | NORTHING:              | 560  | 07729                 | 9.65           |           |          | FINISHED: 20/02                    | /2019 |            |           |          |
|           |        |       |                |  | DATUM: -               |      |                       |                |           |          | LOGGED BY: SE                      | )     | DATE:      | 20/02/201 | <b>a</b> |
| OF        | ICE    |       | RDCL           | - Hastings   | ELEVATION:             | -    |                       |                |           |          | CHECKED BY: JM                     | 1     | DATE:      | 12/03/201 | ə        |
| EN        | SINE   | ER:   | ТВ             |  | DIAMETER:              | 0m   | m                     |                |           |          | STATUS: Final dat                  | ta    |            |           |          |
| СО        | NTRA   | ACTO  | R:             |  | OPERATOR:              |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       | NC             |           |          |                                    |       |            |           |          |
| _         |        |       |                |  |                        | Z    | CONSISTENCY / DENSITY | CLASSIFICATION | NS        |          | SAMPLES                            |       |            |           |          |
| Ε         | _      | ŭ.    | HIC            | ROCK / SOIL DESCRIPTION  |                        | E E  | SISTE<br>T7           | SIFIC          | 3L0\      |          | & TESTS                            | ADD   | OITIONAL F | REMARKS   |          |
| DEPTH (m) | RL (m) | WATER | GRAPHIC<br>LOG |  |                        |      | SONS                  | LAS            | DCP BLOWS |          |                                    |       |            |           |          |
|           |        | >     | 50 5           | TOPSOIL, with some gravel. Very stiff; dry; gra  |                        | 20   | 0 0                   | 0              |           |          |                                    |       |            |           | $\dashv$ |
|           |        |       | ⊵TS<br>₩.      | medium, round; non plastic, some rootlets (Fill)   |                        | D    | VSF                   |                |           |          |                                    |       |            |           |          |
| 0.5       | 2      |       | <u>6 36</u>    | SAND, with some silt; brown with grey and ora  | nge mott <b>l</b> ing. |      |                       |                |           |          |                                    |       |            |           |          |
| 0.5       | - q    |       |                | Medium dense; non-plastic; moist; sand, fine.  | /                      |      |                       |                |           |          |                                    |       |            |           |          |
|           | -      |       |                | SAND; brown with grey and orange mottling. M moist; sand, fine.                                  | edium dense;           |      |                       |                |           |          |                                    |       |            |           |          |
| 1.0       | - 6    |       |                |  |                        | М    | MD                    |                |           |          |                                    |       |            |           |          |
|           | -      |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 1.5       | S      |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 1.5       | - 7    |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       | * *<br>* * *   | Sandy SILT, with some clay; greyish brown wit<br>mottling. Firm; moderate plasticity; wet; sand, |                        | W    | FM                    |                |           |          |                                    |       |            |           |          |
| 2.0       |        |       | ж.             | EOH: 2.00m   | /                      |      |                       |                |           |          |                                    |       |            |           | $\dashv$ |
|           |        |       |                |  | ,                      |      |                       |                |           |          |                                    |       |            |           |          |
| . 2 5     |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 2.5       | - Qi   |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 3.0       | 3.0    |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           | ب      |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 3.5       | - ကု   |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 4.0       | - 4    |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           | -      |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
| 4.5       | 4      |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           | •      |       |                |  |                        |      |                       |                |           | REM      | MARKS                              |       |            |           | $\dashv$ |
|           |        |       |                |  |                        |      |                       |                |           |          | MARKS<br>and water not encountered | l     |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          |                                    |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           | SYN      | MBOLS                              |       |            |           | 7        |
|           |        |       |                |  |                        |      |                       |                |           | <b>T</b> | Standing Water Level               |       |            |           |          |
|           |        |       |                |  |                        |      |                       |                |           |          | Out flow                           |       |            |           |          |
|           |        |       |                |  | BDC                    |      |                       |                |           | <u> </u> | In flow                            |       |            |           | $\dashv$ |
|           |        |       |                | 8/308 QUEEN ST EAST, HASTINGS  | RDCI<br>PO BOX 2805    |      | AVEL                  | OCK            | K NC      | RTH      | 1 4130   <b>N</b> EW ZEAL          | AND   |            |           |          |



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|                |                |       |                |   |                    |                   |                          |                |           |      |                           | 3              | DIEEI           | 15 OF 21   |
|----------------|----------------|-------|----------------|---|--------------------|-------------------|--------------------------|----------------|-----------|------|---------------------------|----------------|-----------------|------------|
| CLI            | ENT:           | Gre   | ensto          | ne Land Developments Ltd  | PROJECT <b>I</b> O | N: N              | IZTM                     |                |           |      | LOCATION: Lot16           | 0              |                 |            |
| PR             | OJEC           | CT:   | 18397          | 0602  | EASTING:           | 19:               | 2836                     | 4.22           |           |      | STARTED: 04/03            | 3/2019         |                 |            |
| LO             | CATI           | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings   | NORTHING:          | 56                | 0777                     | 9.45           |           |      | FINISHED: 04/03           | 3/2019         |                 |            |
|                |                |       |                |   | DATUM: -           |                   |                          |                |           |      | LOGGED BY: JN             | //BR I         | DATE:           | 04/03/2019 |
| OF             | FICE           | :     | RDCL           | - Hastings  | ELEVATION          | : -               |                          |                |           |      | CHECKED BY: JN            | /l I           | DATE:           | 12/03/2019 |
| EN             | GINE           | ER:   | ТВ             |   | DIAMETER:          | 0m                | ım                       |                |           |      | STATUS: Final da          | ta             |                 |            |
| СО             | NTR            | ACTO  | R:             |   | OPERATOR           | :                 |                          |                |           |      |                           |                |                 |            |
| DEPTH (m)      | RL (m)         | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION   |                    | DISTURE           | CONSISTENCY /<br>DENSITY | CLASSIFICATION | DCP BLOWS |      | SAMPLES<br>& TESTS        | ADD <b>I</b> T | <b>I</b> ONAL F | REMARKS    |
| <u> </u>       | -<br>-<br>-    | *     | 15 O1          | Silty SAND, with trace rootlets and clay and grabrown. Firm; non-plastic; moist; Topsoil.             |                    | ĕŏ                | 88                       | ਹ              | ă         |      |                           |                |                 |            |
| -0.5           | -0.5           |       | *              | Silty SAND, with trace clay; light brown and ora<br>Firm; low plasticity; moist; sand, fine to mediur | ange mottling      | М                 | FM                       |                |           |      |                           |                |                 |            |
|                | -<br>-<br>- 0. |       | x<br>x         |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -1.0<br>·      | - 1.0          |       | *              | Silty SAND; light brown, orange mottling. Firm; moist.  | non-plastic;       |                   |                          |                |           |      |                           |                |                 |            |
| - 1.5<br>-     | - 1.5          |       |                | EOH: 1.18m  |                    |                   |                          |                |           |      |                           |                |                 |            |
| -2.0           | -2:0           |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                | -<br>-<br>-    |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -2.5           | -2.5           |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -3.0           | 3.0            |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| •              | -              |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -3.5           | 3.5            |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -4.0<br>-      | - 4<br>- 6     |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| -<br>-<br>-4.5 | - 5.4          |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
| :<br>:         | - '<br>-<br>-  |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       | 1              |   |                    |                   |                          |                |           | REN  | MARKS                     |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      |                           |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           | SYN  | MBOLS                     |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      | Standing Water Level      |                |                 |            |
|                |                |       |                |   |                    |                   |                          |                |           |      | Out flow<br>In flow       |                |                 |            |
|                |                |       |                | 8/308 QUEEN ST EAST, HASTINGS   | RDC<br>PO BOX 2805 | 57, H             | AVEI                     | LOCI           | K NC      | DRTH | 1 4130   <b>N</b> EW ZEAL | AND            |                 |            |
|                |                |       |                | Ph: +64 6   | 8771652   Em       | naí <b>l</b> : ir | nfo@                     | rdcl.          | co.n:     | Z    |                           |                |                 |            |



HA9.16

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|                     |                     |       |                |  |                                    |                       |                          |                |           |           |                           | 3      | HEEI   | 16 OF 21   |
|---------------------|---------------------|-------|----------------|--|------------------------------------|-----------------------|--------------------------|----------------|-----------|-----------|---------------------------|--------|--------|------------|
| CL                  | ENT:                | Gr    | ensto          | ne Land Developments Ltd   | PROJECT <b>I</b> O                 | N: N                  | IZTM                     |                |           |           | LOCATION: Lot16           | 51     |        |            |
| PR                  | OJEC                | CT:   | 18397          | 0602   | EASTING:                           | 19                    | 2834                     | 6.92           |           |           | STARTED: 04/03            | /2019  |        |            |
| LO                  | CATI                | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings  | NORTHING:                          | 56                    | 0776                     | 5.71           |           |           | FINISHED: 04/03           | /2019  |        |            |
|                     |                     |       |                |  | DATUM: -                           |                       |                          |                |           |           | LOGGED BY: JN             | //BR D | ATE:   | 04/03/2019 |
| OF                  | ICE                 | :     | RDCL           | - Hastings   | ELEVATION                          | : -                   |                          |                |           |           | CHECKED BY: JN            | /I D   | ATE:   | 12/03/2019 |
| EN                  | SINE                | ER:   |                |  | DIAMETER:                          | 0m                    | ım                       |                |           |           | STATUS: Final da          | ta     |        |            |
| CO                  | NTR                 | ACTO  | <br>)R:        |  | OPERATOR                           | :                     |                          |                |           |           |                           |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          | z              |           |           |                           |        |        |            |
| DEPTH (m)           | RL (m)              | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION  |                                    | MOISTURE<br>CONDITION | CONSISTENCY /<br>DENSITY | CLASSIFICATION | DCP BLOWS |           | SAMPLES<br>& TESTS        | ADDITI | ONAL R | REMARKS    |
| -                   | -                   |       | * *            | Silty SAND, with trace rootlets and clay and gra<br>brown . Firm; non-plastic; moist; Topsoil. |                                    |                       |                          |                |           |           |                           |        |        |            |
| -<br>-0.5<br>-<br>- | 0.5                 |       | × × ×          | Silty sandy, with trace clay; light brown, orange low plasticity; moist; sand, fine to medium. | e mott <b>l</b> e. Firm;           | М                     | FM                       |                |           |           |                           |        |        |            |
| 1.0<br><br>         | -1.0                |       |                | Silty SAND; light brown, orange mottle. Firm; n<br>moist.                                      | on-p <b>l</b> astic;               |                       |                          |                |           |           |                           |        |        |            |
| 1.5<br>             | - 1-                |       |                | (2016)   | /                                  |                       |                          |                |           |           |                           |        |        |            |
| -<br>2.0<br>-       | -5.0                |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -<br>-<br>-2.5      | -2.5                |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -                   | -<br>-<br>-<br>- 0. |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -3.0<br>-<br>-<br>- | - 9.0<br>           |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -<br>-3.5<br>-      | - 3.5               |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -<br>4.0<br>-       | - 4<br>- 0          |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -<br>-<br>4.5<br>-  | - 4                 |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
| -                   | -                   |       |                |  |                                    |                       |                          |                |           | REN       | MARKS                     |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           |           |                           |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           | SYN       | MBOLS                     |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           | ▼         | Standing Water Level      |        |        |            |
|                     |                     |       |                |  |                                    |                       |                          |                |           |           | Out flow                  |        |        |            |
|                     |                     |       |                |  | 880                                |                       |                          |                |           |           | In flow                   |        |        |            |
|                     |                     |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6   | RDC<br>PO BOX 2809<br>8771652   Em | 57, H                 | AVE                      | LOCI           | K NC      | DRTH<br>z | l 4130   <b>N</b> EW ZEAL | AND    |        |            |



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|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       | SHEET IT OF 21   |   |
|-----------|----------------|-------|----------------|---|---------------|-----------------------|-----------------------|----------------|-----------|------------------|---------------------------------|-------|------------------|---|
| CLI       | ENT:           | Gre   | eensto         | ne Land Developments Ltd  | PROJECTIO     | N: N                  | IZTM                  |                |           |                  | LOCATION: Lot16                 | 2     |                  |   |
| PRO       | DJEC           | T:    | 18397          | 0602  | EASTING:      | 19:                   | 28329                 | 9.99           |           |                  | STARTED: 04/03                  | /2019 |                  |   |
| LOC       | ATI            | :NC   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings   | NORTHING:     | 56                    | 07754                 | 1.10           |           |                  | FINISHED: 04/03                 | /2019 |                  |   |
|           |                |       |                |   | DATUM: -      |                       |                       |                |           |                  | LOGGED BY: JN                   | //BR  | DATE: 04/03/201  | 9 |
| OFF       | ICE            |       | RDCL           | - Hastings  | ELEVATION     | : <b>-</b>            |                       |                |           |                  | CHECKED BY: JN                  | Л     | DATE: 12/03/201  | 9 |
| ENG       | SINE           | ER:   | ТВ             |   | DIAMETER:     | 0m                    | ım                    |                |           |                  | STATUS: Final da                | ta    |                  |   |
| COI       | NTRA           | ACTO  | DR:            |   | OPERATOR      | :                     |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       | -                     | Z              |           |                  |                                 |       |                  |   |
| DEPTH (m) | RL (m)         | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION   |               | MOISTURE<br>CONDITION | CONSISTENCY / DENSITY | CLASSIFICATION | DCP BLOWS |                  | SAMPLES<br>& TESTS              | ADE   | DITIONAL REMARKS |   |
|           |                |       | *              | Silty SAND, with some gravel, with trace rootle dark brown . Firm; non-plastic; moist; Topsoil. |               | М                     | FM                    |                |           |                  |                                 |       |                  |   |
| 0.5       | -0.5           |       | *              | Silty SAND, with trace clay; light brown, orange plasticity; sand, fine to medium; Fill?.       | e mottle. Low |                       |                       |                |           |                  |                                 |       |                  |   |
| 1.0       | . 0            |       | ×              |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       | * * .          | Sandy SILT; brown . Firm; non-plastic; moist.   |               |                       | FM                    |                |           |                  |                                 |       |                  |   |
|           |                |       | ×              | Silty SAND; light brown, orange mottle. Firm to   | stiff; moist. | м                     | FM-                   |                |           |                  |                                 |       |                  |   |
| 1.5       | - <del>L</del> |       | ×              | EOH: 1.70m  |               |                       | SF                    |                |           |                  |                                 |       |                  |   |
| 2.0       | . 0.2          |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
| 2.5       | . 2 -          |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
| 3.0       |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
| 3.5       | 3.5            |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
| 4.0       | - 4            |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
| 4.5       | . 6.           |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           | ·<br>·         |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       | -              | 1   |               | <u> </u>              | l .                   |                | I.        | RE               | MARKS                           | I     |                  |   |
|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       |                       |                |           |                  |                                 |       |                  |   |
|           |                |       |                |   |               |                       |                       |                |           | SYI              | MBOLS                           |       |                  | _ |
|           |                |       |                |   |               |                       |                       |                |           | $\triangleleft$  | Standing Water Level - Out flow |       |                  |   |
|           |                |       |                |   | RDC           | ı                     |                       |                |           | $\triangleright$ | - In flow                       |       |                  |   |
|           |                |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6  |               | 57, H                 | AVEL                  | OCk            | K NC      | RTI<br>Z         | H 4130   NEW ZEAL               | AND   |                  |   |



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|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       | SHEET TO UP 21            |    |
|-----------------|------------|-------|----------------|---|--------------------|------------|-----------------------|----------------|-----------|-------|--------------------------------|-------|---------------------------|----|
| CL              | ENT:       | Gr    | eensto         | ne Land Developments Ltd  | PROJECTIO          | N: N       | IZTM                  |                |           |       | LOCATION: Lot14                | 3     |                           |    |
| PR              | OJEC       | T:    | 18397          | 0602  | EASTING:           | 19:        | 28336                 | 6.84           |           |       | STARTED: 04/03                 | /2019 |                           |    |
| LO              | CATIO      | :NC   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings   | NORTHING:          | 56         | 07710                 | 0.90           |           |       | FINISHED: 04/03                | /2019 |                           |    |
|                 |            |       |                |   | DATUM: -           |            |                       |                |           |       | LOGGED BY: JN                  | I/BR  | DATE: 04/03/20            | 19 |
| OF              | FICE:      |       | RDCL           | - Hastings  | ELEVAT <b>I</b> ON |            |                       |                |           |       | CHECKED BY: JN                 | 1     | DATE: 12/03/20            | 19 |
|                 |            | ER:   |                | •   | D <b>I</b> AMETER: | 0m         | ım                    |                |           |       | STATUS: Final da               |       |                           |    |
|                 |            | ACTO  |                |   | OPERATOR           |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       | T              |   |                    |            |                       | 7              |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            | CONSISTENCY / DENSITY | CLASSIFICATION |           |       |                                |       |                           |    |
| $\widehat{\Xi}$ |            |       | <u>ပ</u>       | ROCK / SOIL DESCRIPTION   |                    | R S        | STEN                  | FIC/           | DCP BLOWS |       | SAMPLES<br>& TESTS             | ADI   | D <b>I</b> TIONAL REMARKS |    |
| DEPTH (m)       | RL (m)     | WATER | GRAPHIC<br>LOG |   |                    | IST<br>ION | NSIS                  | ASS            | P BL      |       |                                |       |                           |    |
| 퓜               | RL         | ≶     |                |   |                    | ¥00        | SH                    | C C            | 20        |       |                                |       |                           |    |
|                 | -          |       | * *            | Silty SAND, with trace gravel; light brown, oran<br>Soft; non-plastic; dry; trace organics. | ge mottle.         |            |                       |                |           |       |                                |       |                           |    |
|                 | _          |       | *              |   |                    | D          | S                     |                |           |       |                                |       |                           |    |
| 0.5             | -0.5       |       | * * · · ·      | Silty SAND, with trace topsoil; light grey . Firm   | moist Fill?        |            |                       | 1              |           |       |                                |       |                           |    |
|                 |            |       | ×              | Silty SAND, with trace topsoil and clay and gra   | vel; light         |            |                       |                |           |       |                                |       |                           |    |
|                 | 0          |       | *              | brown, orange mottle . Firm; low plasticity; moi  | st; (Fill).        |            |                       |                |           |       |                                |       |                           |    |
| 1.0             |            |       | :×:-           |   |                    | М          | FM                    |                |           |       |                                |       |                           |    |
|                 | _          |       | ×              |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 1.5             | 1.5        |       | ×              |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                | EOH: 1.70m  |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 2.0             | 2.0        |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 2.5             | - 5.5      |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 2.0             |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 3.0             | 3.0        |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | - 2        |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 3.5             | – ကု<br>-  |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 4.0             | - 4<br>- 0 |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | - 2        |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
| 4.5             |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 | -          |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       | MARKS<br>n water table         |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           | 1.011 | water table                    |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           | SYI   | MBOLS                          |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       | Standing Water Level  Out flow |       |                           |    |
|                 |            |       |                |   |                    |            |                       |                |           |       | - Out flow<br>- In flow        |       |                           |    |
|                 |            |       |                |   | RDCI               |            |                       |                |           |       |                                |       |                           |    |
|                 |            |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6  |                    | 57, H      | AVEI                  | LOC            | K NC      | RTI   | H 4130   NEW ZEAL              | AND   |                           |    |
|                 |            |       |                | 111. 104 0  | 5. 7 1002 LIII     | - CI   11  |                       |                | JU-112    |       |                                |       |                           |    |



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|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 | HEET 19 OF 21    |
|------------------|---------------------|-------|----------------|---|------------------------------------|------------|--------------------------|----------------|-----------|------------------|-------------------------------|-----------------|------------------|
| CLI              | ENT:                | Gre   | eenstor        | ne Land Developments Ltd  | PROJECTIO                          | N: N       | IZTM                     |                |           |                  | LOCATION: Lot14               | 2               |                  |
| PR               | DJEC                | CT:   | 18397          | 0602  | EASTING:                           | 19:        | 2835                     | 0.42           |           |                  | STARTED: 04/03                | /2019           |                  |
| LO               | CATIO               | ON:   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings   | NORTHING:                          | 56         | 0769                     | 5.70           |           |                  | FINISHED: 04/03               | /2019           |                  |
|                  |                     |       |                |   | DATUM: -                           |            |                          |                |           |                  | LOGGED BY: JN                 | 1/BR [          | DATE: 04/03/2019 |
| OF               | ICE:                |       | RDCL           | - Hastings  | ELEVATION                          | : <b>-</b> |                          |                |           |                  | CHECKED BY: JN                | 1 [             | DATE: 12/03/201  |
| EN               | SINE                | ER:   | ТВ             |   | DIAMETER:                          | 0m         | ım                       |                |           |                  | STATUS: Final da              | ta              |                  |
| СО               | NTRA                | ACTO  | DR:            |   | OPERATOR                           | :          |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          | N              |           |                  |                               |                 |                  |
| DEPTH (m)        | RL (m)              | WATER | GRAPHIC<br>LOG | ROCK / SOIL DESCRIPTION   |                                    | MOISTURE   | CONSISTENCY /<br>DENSITY | CLASSIFICATION | DCP BLOWS |                  | SAMPLES<br>& TESTS            | ADD <b>i</b> Ti | ONAL REMARKS     |
|                  | - <u></u><br>-<br>- |       | *              | Silty SAND, with trace gravel; light brown. Soft; dry; trace organics - fill?.        |                                    | D          | s                        |                |           |                  |                               |                 |                  |
| 0.5              | - 0                 |       | * * *<br>* * * | Sandy SILT, with trace topsoil; light grey. Firm; rootlets.                           | /                                  | М          |                          | -              |           |                  |                               |                 |                  |
| -1.0             | - 7-                |       | 2<br>2<br>2    | Silty SAND, with trace clay and gravel; brown v<br>mottle. Firm; low plasticity; wet. | vith orange                        | w          | FM                       |                |           |                  |                               |                 |                  |
| 1.5              | - 1-                |       | X<br>X<br>X    | EOH: 1.85m  |                                    |            |                          |                |           |                  |                               |                 |                  |
| 2.0              | - 2.0               |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
| ·2.5             | - 5.5               |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
| -3.0             | -<br>- 0.6-<br>-    |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
| ·3.5             | -<br>- 9<br>-<br>-  |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
| 4.0              | - 4                 |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
| <sup>-</sup> 4.5 | - 4                 |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  | -                   |       |                |   |                                    |            |                          |                |           | REI              | MARKS                         |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           |                  |                               |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           | SYN              | MBOLS                         |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           | $\Diamond$       | Standing Water Level Out flow |                 |                  |
|                  |                     |       |                |   |                                    |            |                          |                |           | $\triangleright$ | In flow                       |                 |                  |
|                  |                     |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6  | RDC<br>PO BOX 2805<br>8771652   Em | 57, H      | AVEI                     | LOCI           | K NC      | RTI              | H 4130   NEW ZEAL             | AND             |                  |



HA9.20

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|              |              |       |                |  |                             |                            |                       |                |       |             |                      | GILLI 20 OI 21      |    |
|--------------|--------------|-------|----------------|--|-----------------------------|----------------------------|-----------------------|----------------|-------|-------------|----------------------|---------------------|----|
| CL           | ENT:         | Gre   | enstor         | ne Land Developments Ltd   | PROJECT <b>I</b> O          | N: N                       | IZTM                  |                |       |             | LOCATION: Lot14      | 4                   |    |
| PR           | DJEC         | CT:   | 18397          | 0602   | EASTING:                    | 192                        | 28362                 | 2.06           |       |             | STARTED: 04/03       | /2019               |    |
| LO           | CATIO        | :NC   | Lyndh          | urst Road, Frim <b>l</b> ey, Hastings                                    | NORTHING:                   | 560                        | 07716                 | 6.66           |       |             | FINISHED: 04/03      | /2019               |    |
|              |              |       |                |  | DATUM: -                    |                            |                       |                |       |             | LOGGED BY: JN        | I/BR DATE: 04/03/20 | 19 |
| OF           | ICE:         |       | RDCL           | - Hastings   | ELEVATION:                  | -                          |                       |                |       |             | CHECKED BY: JN       | DATE: 12/03/20      | 19 |
| EN           | SINE         | ER:   | ТВ             |  | DIAMETER:                   | 0m                         | ım                    |                |       |             | STATUS: Final da     | ta                  |    |
| CO           | NTR/         | ACTO  | R:             |  | OPERATOR:                   |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            | / \                   | NO             |       |             |                      |                     |    |
| <del>-</del> |              |       |                | ROCK / SOIL DESCRIPTION  |                             | ധ공                         | CONSISTENCY / DENSITY | CLASSIFICATION | WS    |             | SAMPLES              | ADDITIONAL REMARKS  |    |
| Ξ            | <del>_</del> | 띪     | PHIC           | ROCK / SOIL DESCRIPTION  |                             | FILE                       | SIST                  | SSIF           | BLOWS |             | & TESTS              | ADDITIONAL KEWAKKS  |    |
| DEPTH (m)    | RL (m)       | WATER | GRAPHIC<br>LOG |  |                             | WO!S                       | CON                   | CLAS           | DCP   |             |                      |                     |    |
|              | - <u>-</u>   |       | * *            | Silty SAND, with trace rootlets and gravel; grey Firm; non-plastic; dry. |                             | D                          |                       |                |       |             |                      |                     |    |
|              | د            |       | * .            | Sandy SILT, with trace rootlets; grey . Firm; mo                         | oist; trace                 | М                          |                       |                |       |             |                      |                     |    |
| 0.5          | - q<br>-     |       | ×              | Silty SAND, with trace clay; light brown, orange                         | mottle.                     |                            |                       |                |       |             |                      |                     |    |
|              | -            |       | ×              | Firm; low plasticity; wet.   |                             |                            | FM                    |                |       |             |                      |                     |    |
| 1.0          | - 0          |       | ×              |  |                             | W                          |                       |                |       |             |                      |                     |    |
|              | -            |       | ×              |  |                             | vv                         |                       |                |       |             |                      |                     |    |
|              | - 12         |       | ×              |  |                             |                            |                       |                |       |             |                      |                     |    |
| 1.5          | - 7          |       | ×              | EOH: 1.70m   |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 2.0          | - 5          |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 2.5          | - 2.2        |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 2.0          | - Q<br>-     |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 3.0          | – က<br>-     |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 3.5          | 3.5          |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| •••          | - <b>'</b>   |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 4.0          | - 4<br>- 6   |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
| 4.5          | - 4          |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              | -            |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              | I     | 1              |  |                             |                            | I                     |                | l     | REI         | MARKS                | <u> </u>            |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             |                      |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       | SYI         | MBOLS                |                     | -  |
|              |              |       |                |  |                             |                            |                       |                |       |             | Standing Water Level |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             | Out flow             |                     |    |
|              |              |       |                |  |                             |                            |                       |                |       |             | In flow              |                     |    |
|              |              |       |                | 9/200 OHEEN OF EACT HAOTINGS   | RDCI                        |                            | ۸۱/⊏۰                 | 00'            | / h!/ | יחדי        | 1 4420 I NEW ZEAL    | AND                 |    |
|              |              |       |                | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6                             | PO BOX 2805<br>8771652   Em | o≀, H.<br>ai <b>l</b> : ir | AVEI<br>nfo@:         | dcl.c          | o na  | ıK I l<br>Z | 1 4130   NEW ZEAL    | AND                 |    |



HA9.21

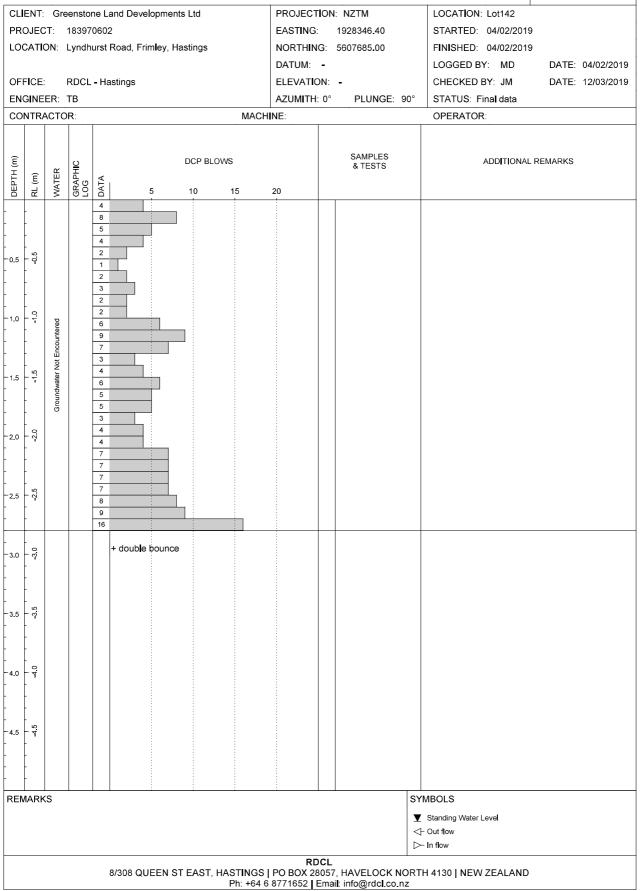
SHEET 21 OF 21

|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       | SHEET 21 OF 21                     |
|-----------|------------|-------|---|---|-----------------------------|-----------------------------|-----------------------|------------------------|-----------|-----------|--------------------------------|-------|------------------------------------|
| CLI       | ENT:       | Gre   | eensto                                  | ne Land Developments Ltd  | PROJECTIO                   | N: N                        | IZTM                  |                        |           |           | LOCATION: Lot14                | 5     |                                    |
| PR        | DJEC       | CT:   | 18397                                   | 0602  | EASTING:                    | 19:                         | 28374                 | 1.45                   |           |           | STARTED: 04/03                 | /2019 |                                    |
| LO        | CATIO      | ON:   | Lyndh                                   | urst Road, Frim <b>l</b> ey, Hastings                                   | NORTHING:                   | 56                          | 07740                 | 31                     |           |           | FINISHED: 04/03                | /2019 |                                    |
|           |            |       |   |   | DATUM: -                    |                             |                       |                        |           |           | LOGGED BY: JN                  | /I/BR | DATE: 04/03/2019                   |
| OF        | ICE:       |       | RDCL                                    | - Hastings  | ELEVATION                   | : <b>-</b>                  |                       |                        |           |           | CHECKED BY: JN                 | /     | DATE: 12/03/2019                   |
| EN        | SINE       | ER:   | ТВ                                      |   | DIAMETER:                   | 0m                          | ım                    |                        |           |           | STATUS: Final da               | ta    |                                    |
| СО        | NTRA       | ACTO  | DR:                                     |   | OPERATOR                    | :                           |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             | ,                     | N                      |           |           |                                |       |                                    |
| (E)       |            |       | ပ                                       | ROCK / SOIL DESCRIPTION   |                             | E NO                        | TENCY                 | FICATIO                | ows       |           | SAMPLES<br>& TESTS             | AD    | D <b>I</b> T <b>I</b> ONAL REMARKS |
| DEPTH (m) | RL (m)     | WATER | GRAPHIC<br>LOG                          |   |                             | MOISTL                      | CONSISTENCY / DENSITY | CLASSIFICATION         | DCP BLOWS |           |                                |       |                                    |
|           | · .        | _     | *                                       | Silty SAND, with trace rootlets and gravel; grey Firm; non-plastic; dry | ish brown.                  | D                           |                       | )                      |           |           |                                |       |                                    |
|           | -          |       | * * *                                   | Sandy SILT, with trace clay; light grey, orange low plasticity.         | mottle. Firm;               |                             |                       |                        |           |           |                                |       |                                    |
| 0.5       | - 0<br>-   |       | ×                                       | Silty SAND; light brown, orange mottle. Firm; w                         | /<br>ret.                   |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       | *                                       |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 1.0       | - 1        |       | ×                                       |   |                             |                             | FM                    |                        |           |           |                                |       |                                    |
|           |            |       | ×                                       |   |                             | w                           |                       |                        |           |           |                                |       |                                    |
|           |            |       | ×                                       |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 1.5       |            |       | × · · · · · · · · · · · · · · · · · · · |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       | *                                       | EOH: 1.80m  |                             |                             |                       |                        |           |           |                                |       |                                    |
| 2.0       | 2.0        |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| .0.5      |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 2.5       | - Q<br>-   |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 3.0       | - ფ        |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| . 2 5     | - 22       |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 3.5       | - ကု<br>-  |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 4.0       | - 4<br>- 5 |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 4.5       | . ro       |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| 4.5       | - 1        |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           | -          |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
| _         |            | I     | 1                                       |   |                             |                             |                       |                        |           | RE        | <br>MARKS                      |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           | 1.7n      | n water tab <b>l</b> e         |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           | SVI       | MBOLS                          |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           |                                |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           | Standing Water Level  Out flow |       |                                    |
|           |            |       |   |   |                             |                             |                       |                        |           |           | In flow                        |       |                                    |
|           |            |       |   |   | RDC                         |                             |                       | _                      |           | _         |                                |       |                                    |
|           |            |       |   | 8/308 QUEEN ST EAST, HASTINGS  <br>Ph: +64 6                            | PO BOX 2805<br>8771652   Em | 57, H.<br>nai <b>l</b> : ir | AVEI                  | -OCł<br>dc <b>l</b> .c | C NC      | DRTI<br>z | H 4130   NEW ZEAL              | AND   |                                    |



**DCP9.01** 

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**DCP9.02** 

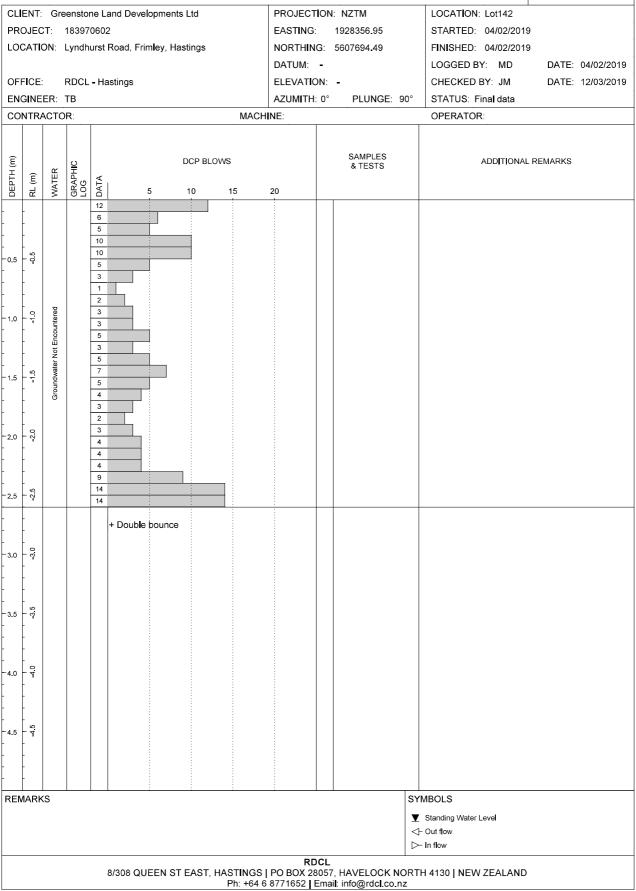
SHEET 2 OF 84 PROJECTION: NZTM LOCATION: Lot142 CLIENT: Greenstone Land Developments Ltd STARTED: 04/02/2019 PROJECT: 183970602 EASTING: 1928341.05 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607695.43 FINISHED: 04/02/2019 DATUM: -LOGGED BY: MD DATE: 04/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 9 10 10 0.5 0.5 14 11 3 2 10 1.0 3 3 3 5 5 1.5 6 Groundwater Not Encountered 5 3 3 2 2.0 -2.0 3 5 7 2.5 -2.5 10 9 8 6 5 3.0 3.0 6 7 8 8 3.5 3.5 9 10 17 + Double bounce -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND

Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.03** 

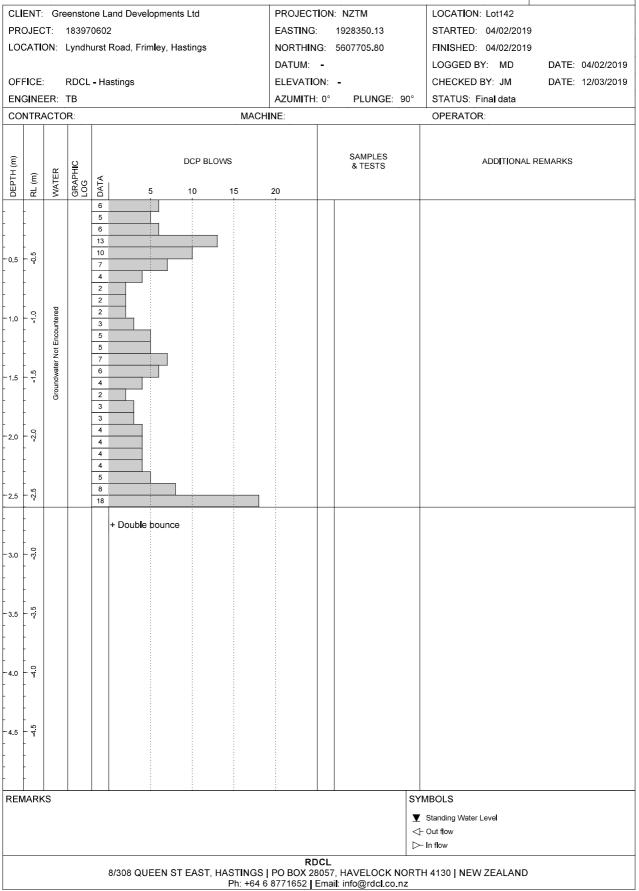
SHEET 3 OF 84





**DCP9.04** 

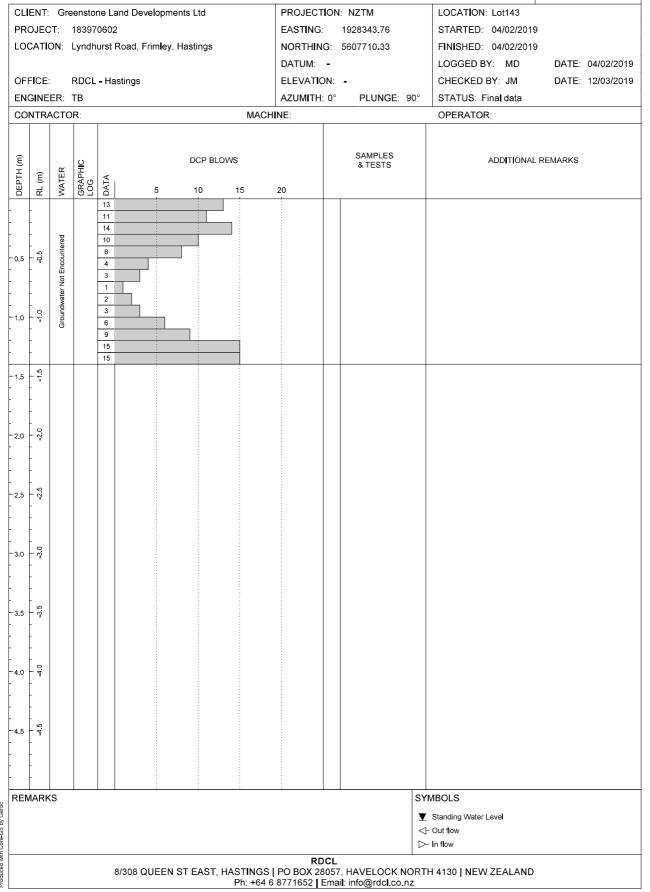
SHEET 4 OF 84





**DCP9.05** 

SHEET 5 OF 84





DCP9.06

SHEET 6 OF 84

|   | 66                          |                |   |                     |               |                                    | SHEET 6 OF 84    |
|---|-----------------------------|----------------|---|---------------------|---------------|------------------------------------|------------------|
| CLIENT:   | Gre                         | ensto          | e Land Developments Ltd                 | PROJECTIO           | DN: NZTM      | LOCATION: Lot143                   |                  |
| PROJEC  | T:                          | 18397          | 0602                                    | EASTING:            | 1928330.96    | STARTED: 04/02/2019                |                  |
| LOCATIO   | ON:                         | Lyndh          | ırst Road, Frim <b>l</b> ey, Hastings   | NORTHING            | 5607701.05    | FINISHED: 04/02/2019               |                  |
|   |                             |                |   | DATUM: -            |               | LOGGED BY: MD                      | DATE: 04/02/2019 |
| OFFICE:   |                             | RDCL           | - Hastings                              | ELEVATION           | l: <b>-</b>   | CHECKED BY: JM                     | DATE: 12/03/2019 |
| ENGINE  |                             |                |   | AZUM <b>I</b> TH: ( | ° PLUNGE: 90° | STATUS: Final data                 |                  |
| CONTRA  |                             |                | MAC                                     | <br>Chine:          |               | OPERATOR:                          |                  |
|   |                             |                |   |                     |               |                                    |                  |
|   |                             |                |   |                     | SAMPLES       |                                    |                  |
| E   (   | e.                          | E<br>E         | DCP BLOWS                               |                     | & TESTS       | ADD <b>I</b> TIONAL                | REMARKS          |
| DEPTH (m)   | WATER                       | GRAPHIC<br>LOG | Y T T T T T T T T T T T T T T T T T T T | 20                  |               |                                    |                  |
|   | >                           | 0 _            | 3                                       |                     |               |                                    |                  |
| -   |                             |                | 2                                       |                     |               |                                    |                  |
| -   |                             |                | 2                                       |                     |               |                                    |                  |
| 0.5   |                             |                | 1                                       |                     |               |                                    |                  |
| -   |                             |                | 1 2                                     |                     |               |                                    |                  |
|   |                             |                | 1                                       |                     |               |                                    |                  |
| - 0   |                             |                | 3                                       |                     |               |                                    |                  |
| 1.0   | ered                        |                | 3                                       |                     |               |                                    |                  |
| -   | count                       |                | 5                                       |                     |               |                                    |                  |
|   | Groundwater Not Encountered |                | 3                                       |                     |               |                                    |                  |
| 1.5 - 5   | ater N                      |                | 7                                       |                     |               |                                    |                  |
|   | wpun                        |                | 7                                       |                     |               |                                    |                  |
| -   | Gro                         |                | 3                                       |                     |               |                                    |                  |
| -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- |                             |                | 4                                       |                     |               |                                    |                  |
| 2.0 - 2   |                             |                | 3                                       |                     |               |                                    |                  |
| =   |                             |                | 4                                       |                     |               |                                    |                  |
| -   |                             |                | 4                                       |                     |               |                                    |                  |
| 2.5 - %   |                             |                | 5                                       |                     |               |                                    |                  |
| -   |                             |                | 8                                       |                     |               |                                    |                  |
|   |                             |                | 22                                      |                     |               |                                    |                  |
| 3.0 - m   |                             |                | + Double bounce                         |                     |               |                                    |                  |
| - '   |                             |                |   |                     |               |                                    |                  |
|   |                             |                |   |                     |               |                                    |                  |
| - 20  |                             |                |   |                     |               |                                    |                  |
| 3.5 – ო   |                             |                |   |                     |               |                                    |                  |
| -   |                             |                |   |                     |               |                                    |                  |
|   |                             |                |   |                     |               |                                    |                  |
| 4.0 - 7   |                             |                |   |                     |               |                                    |                  |
| -   |                             |                |   |                     |               |                                    |                  |
| -   |                             |                |   |                     |               |                                    |                  |
| 4.5 - 4   |                             |                |   |                     |               |                                    |                  |
| 4.5   |                             |                |   |                     |               |                                    |                  |
| -   |                             |                |   |                     |               |                                    |                  |
| -   |                             |                |   |                     |               |                                    |                  |
| REMARK  |                             |                |   |                     | ev            | <br>/MBOLS                         |                  |
| VEINIAKK  | w                           |                |   |                     |               |                                    |                  |
|   |                             |                |   |                     |               | ✓ Standing Water Level  ☐ Out flow |                  |
|   |                             |                |   |                     | `             |                                    |                  |
|   |                             |                |   |                     |               | ≻ In flow                          |                  |



**DCP9.07** 

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PROJECTION: NZTM LOCATION: Lot143 CLIENT: Greenstone Land Developments Ltd STARTED: 04/02/2019 PROJECT: 183970602 EASTING: 1928337.38 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607717.67 FINISHED: 04/02/2019 DATUM: -LOGGED BY: MD DATE: 04/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 0.5 0.5 10 1.0 3 5 3 1.5 Groundwater Not Encountered 2 2 2 2 2.0 -2.0 3 10 9 2.5 -2.5 7 3 6 3.0 3.0 6 5 6 6 7 3.5 3.5 9 13 13 - 4 -4.0 + Double bounce 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.08** 

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PROJECTION: NZTM LOCATION: Lot143 CLIENT: Greenstone Land Developments Ltd STARTED: 04/02/2019 PROJECT: 183970602 EASTING: 1928337.38 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607717.67 FINISHED: 04/02/2019 DATUM: -LOGGED BY: MD DATE: 04/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 2 0.5 0.5 2 2 10 1.0 2 4 4 3 2 1.5 2 Groundwater Not Encountered 2 2 3 3 2.0 -2.0 4 6 6 7 2.5 -2.5 6 5 6 5 3.0 3.0 6 6 6 6 8 35 -3.5 11 12 12 12 - 4 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.09** 

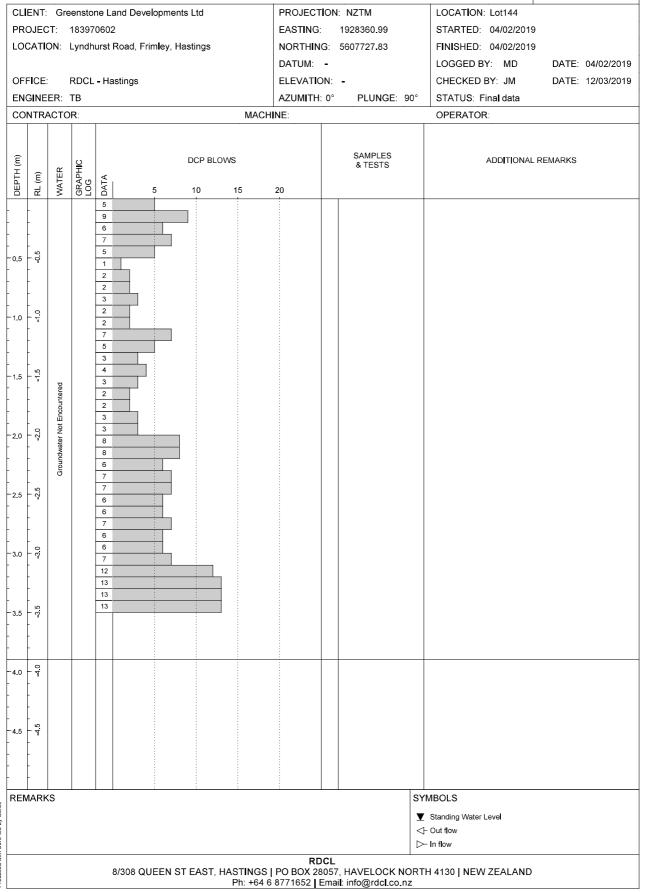
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LOCATION: Lot144 PROJECTION: NZTM CLIENT: Greenstone Land Developments Ltd STARTED: 04/02/2019 PROJECT: 183970602 EASTING: 1928352.15 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607722.02 FINISHED: 04/02/2019 DATUM: -LOGGED BY: MD DATE: 04/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 4 2 0.5 0.5 2 2 2 1.0 4 5 3 2 1.5 2 Groundwater Not Encountered 2 2 3 3 2.0 -2.0 4 6 7 2.5 -2.5 8 4 4 6 7 3.0 3.0 5 6 10 12 35 -3.5 12 10 11 11 - 4 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.10** 

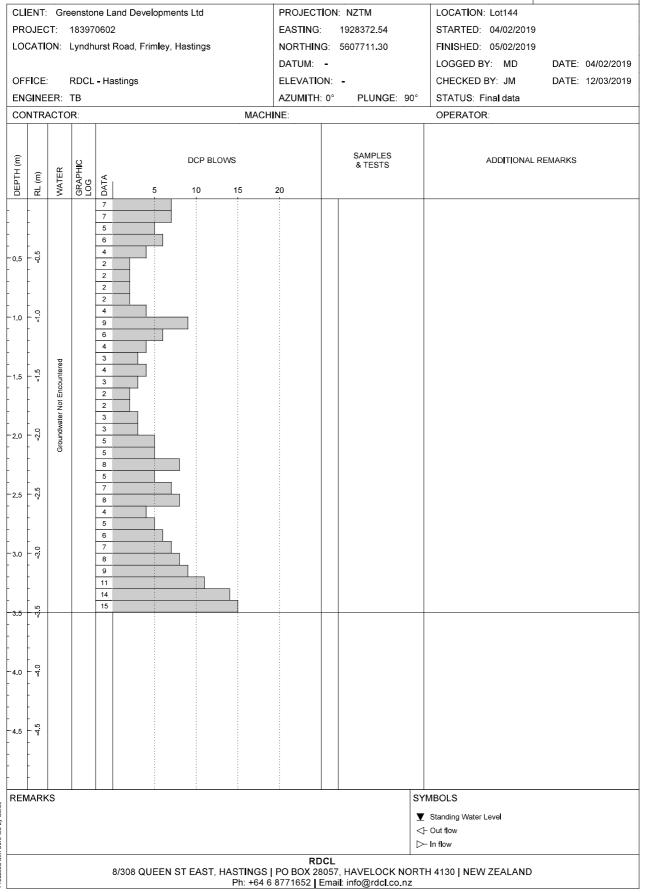
**SHEET 10 OF 84** 





**DCP9.11** 

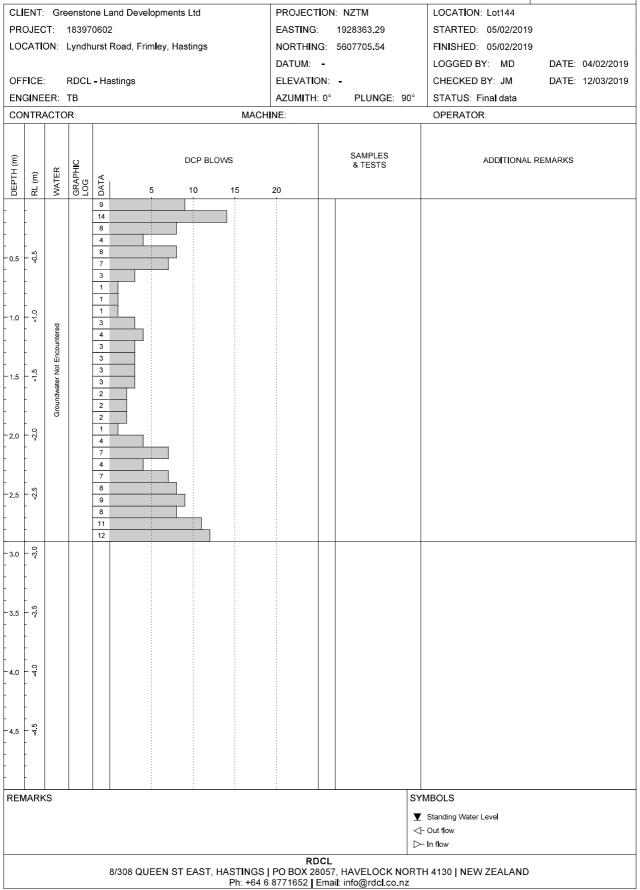
**SHEET 11 OF 84** 





**DCP9.12** 

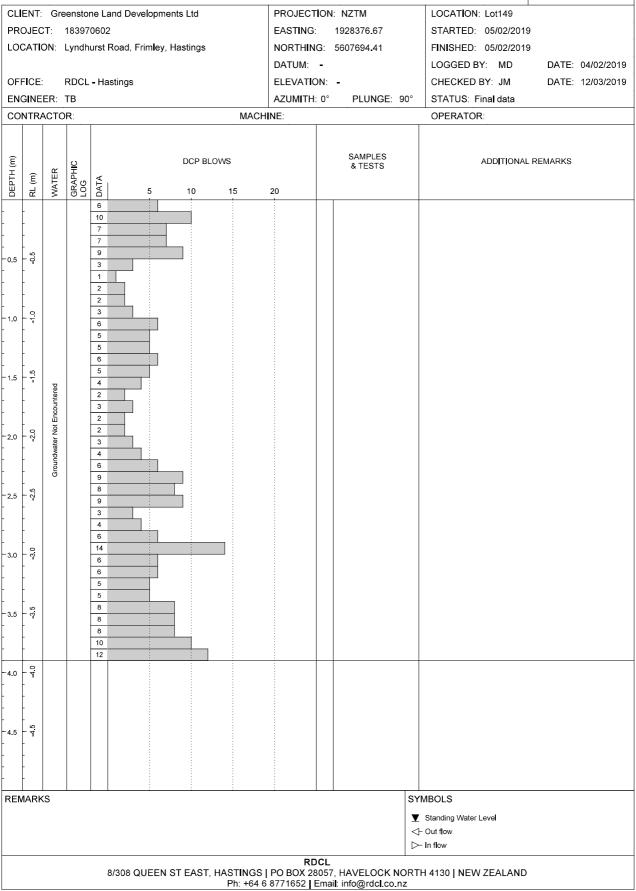
**SHEET 12 OF 84** 





**DCP9.13** 

**SHEET 13 OF 84** 





**DCP9.14** 

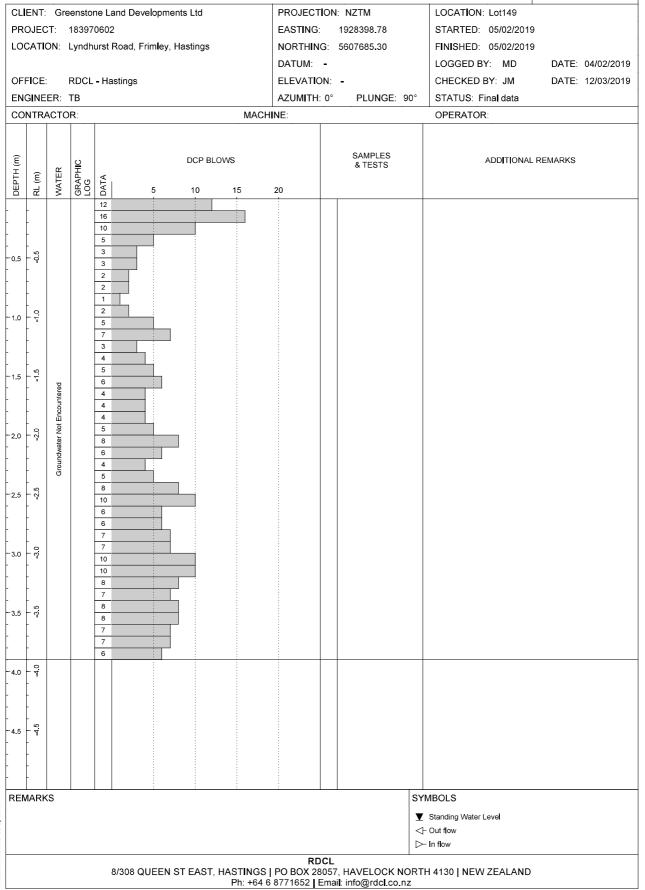
**SHEET 14 OF 84** 

LOCATION: Lot149 PROJECTION: NZTM CLIENT: Greenstone Land Developments Ltd STARTED: 05/02/2019 PROJECT: 183970602 EASTING: 1928386.56 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607699.37 FINISHED: 05/02/2019 DATUM: -LOGGED BY: MD DATE: 04/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 6 8 5 0.5 0.5 5 4 2 2 1.0 2 4 4 4 Encountered 1.5 2 2 Š 2 3 2.0 -2.0 3 5 6 7 2.5 -2.5 10 5 8 5 3.0 3.0 6 6 5 6 12 3.5 -3.5 12 13 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.15** 

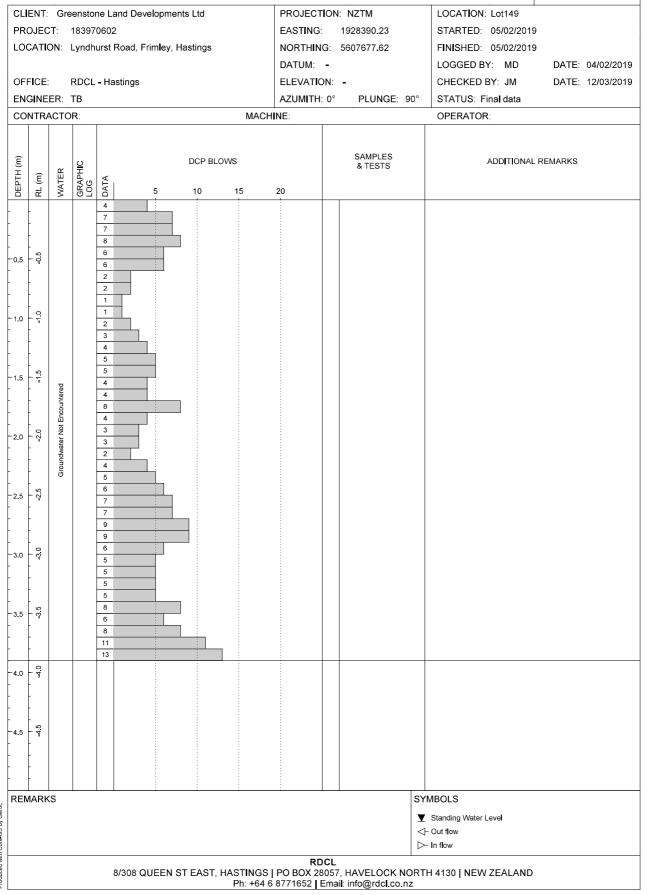
**SHEET 15 OF 84** 





**DCP9.16** 

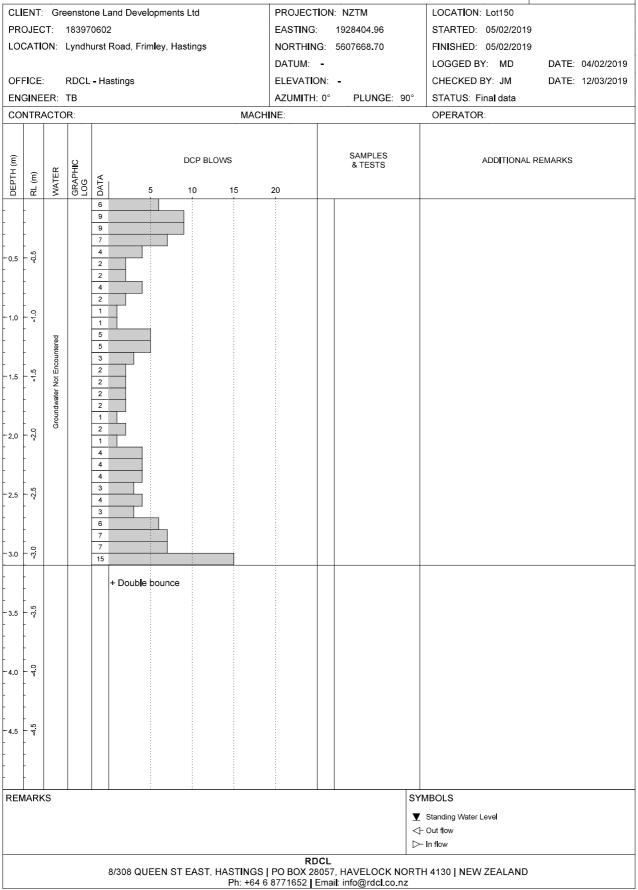
**SHEET 16 OF 84** 





**DCP9.17** 

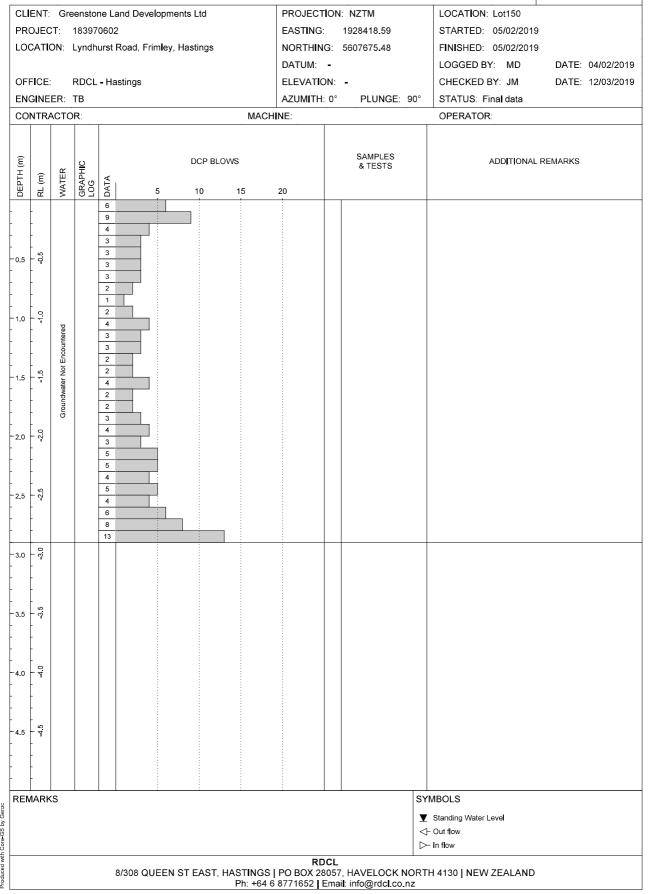
**SHEET 17 OF 84** 





**DCP9.18** 

**SHEET 18 OF 84** 





DCP9.19

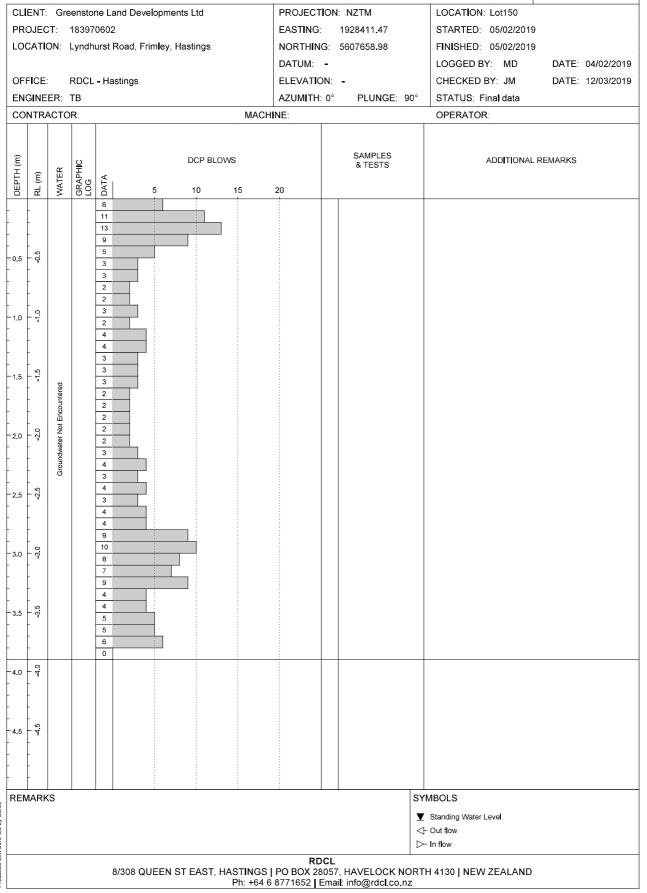
SHEET 19 OF 84

|           |             |                             |                |               |                           |            |             |           |              |                                     |          |                               | SHEET   | 19 OF 84   |  |
|-----------|-------------|-----------------------------|----------------|---------------|---------------------------|------------|-------------|-----------|--------------|-------------------------------------|----------|-------------------------------|---------|------------|--|
| CLI       | ENT:        | Gre                         | ensto          | ne La         | and Developmer            | nts Ltd    |             | PROJECT   | ION          | : NZTM                              |          | LOCATION: Lot150              |         |            |  |
|           |             |                             | 18397          |               |                           |            |             | EASTING   | :            | 1928423.32                          |          | STARTED: 05/02/2019           |         |            |  |
| LOC       | CATIO       | ON:                         | Lyndh          | ıurst F       | Road, Frim <b>l</b> ey, F | lastings   |             |           |              | 5607665.02                          |          | FINISHED: 05/02/2019          |         |            |  |
|           |             |                             |                |               |                           |            |             | DATUM:    | -            |                                     |          | LOGGED BY: MD                 | DATE:   | 04/02/2019 |  |
| OFF       | ICE:        |                             | RDCL           | . <b>-</b> Ha | stings                    |            |             | ELEVATION | ON:          | -                                   |          | CHECKED BY: JM                | DATE:   | 12/03/2019 |  |
| ENG       | SINE        | ER:                         | ТВ             |               |                           |            |             | AZUMITH   | : 0°         | PLUNGE: 9                           | 00°      | STATUS: Final data            |         |            |  |
| cor       | NTR/        | АСТО                        | R:             |               |                           |            | MACH        | IINE:     |              |                                     |          | OPERATOR:                     |         |            |  |
|           |             |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| Ê         |             |                             |                |               |                           | DCP BLC    | NVS         |           |              | SAMPLES                             |          | ADD <b>I</b> TIONAL           | REMARKS |            |  |
| DEPTH (m) | Ē           | ËR                          | PHE            | ∢             |                           | 20. 220    |             |           |              | & TESTS                             |          | 7.5511101012                  |         |            |  |
| DEP       | RL (m)      | WATER                       | GRAPHIC<br>LOG | DATA          | 5                         | 10         | 15          | 20        |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 6             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 2             | T                         |            |             |           |              |                                     |          |                               |         |            |  |
| -0.5      | - 0         |                             |                | 1             | 7                         |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 2             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                | 1             | 7                         |            |             |           |              |                                     |          |                               |         |            |  |
| -1.0      | - 0         |                             |                | 1             | _                         |            |             |           |              |                                     |          |                               |         |            |  |
| -         |             |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| [         | 2<br>2<br>1 |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| <b> </b>  |             |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| 1.5<br>   |             |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           | ounter                      |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           |             | t Enc                       |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -2.0      | -5.0        | ter No                      |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           | Groundwater Not Encountered |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           | Grou                        |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -<br>2.5  | - 2.5       |                             |                | 3             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                | 4             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                | 6             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | - 0         |                             |                | 5             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -3.0<br>- | – ဗု<br>-   |                             |                | 8             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 7             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                | 6             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -3.5      | 3.5         |                             |                | 7             |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                | 5             |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                | 6<br>7        |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -4.0      | - 4         |                             |                |               |                           |            |             |           | Н            |                                     | $\dashv$ |                               |         |            |  |
| - 7.0     | - 1         |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | - 10        |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -4.5<br>- | - 4.        |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           | -           |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| -         | -           |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
|           |             |                             |                |               |                           |            |             |           |              |                                     |          |                               |         |            |  |
| REM       | IARK        | S                           |                |               |                           |            |             |           |              |                                     |          | MBOLS                         |         |            |  |
|           |             |                             |                |               |                           |            |             |           |              |                                     |          | Standing Water Level Out flow |         |            |  |
|           |             |                             |                |               |                           |            |             |           |              |                                     |          | In flow                       |         |            |  |
|           |             |                             |                |               |                           |            |             | RE        | CL           |                                     |          |                               |         |            |  |
|           |             |                             |                | 8             | 3/308 QUEEN S             | ST EAST, I | HASTINGS    | PO BOX 28 | 3057<br>Empi | , HAVELOCK NO<br>I: info@rdcl.co.n: | ORTH     | H 4130   NEW ZEALAND          |         |            |  |
|           |             |                             |                |               |                           |            | 1 11. 104 ( | 0111002   | ai           |                                     | -        |                               |         |            |  |



**DCP9.20** 

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DCP9.21

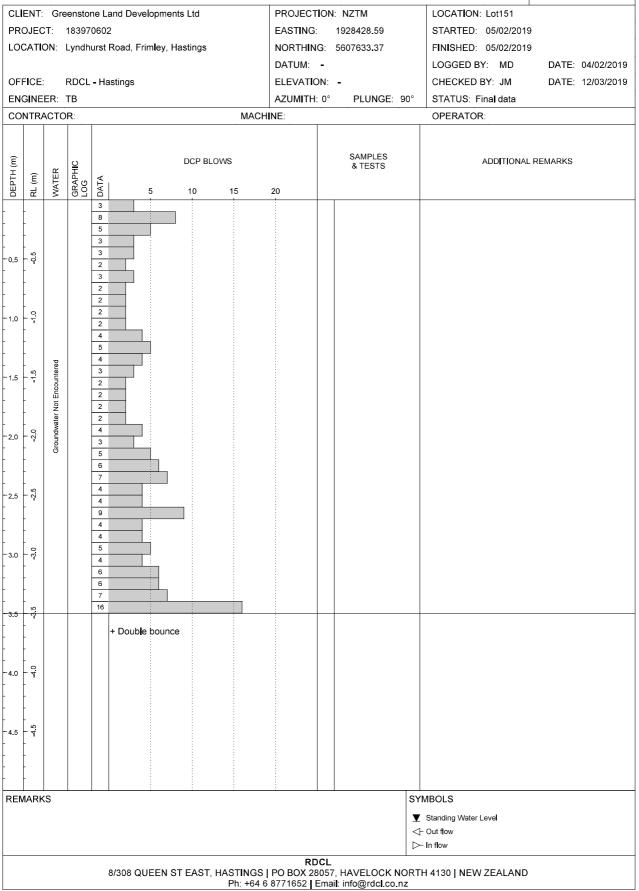
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| CLIENT              | : Gre                       | ensto          | ne La   | and Developme             | nts Ltd  |           | PROJECT          | ION  | : NZTM             |      | LOCATION: Lot151                |
|---------------------|-----------------------------|----------------|---------|---------------------------|----------|-----------|------------------|------|--------------------|------|---------------------------------|
| PROJE               | CT:                         | 18397          | 0602    |                           |          |           | EASTING          | :    | 1928419.16         |      | STARTED: 05/02/2019             |
| LOCAT               | ION:                        | Lyndh          | urst F  | Road, Frim <b>l</b> ey, I | Hastings |           | NORTHIN          | IG:  | 5607647.57         |      | FINISHED: 05/02/2019            |
|                     |                             |                |         |                           |          |           | DATUM:           | -    |                    |      | LOGGED BY: MD DATE: 04/02/2019  |
| OFFICE              | Ξ:                          | RDCL           | - Ha    | stings                    |          |           | ELEVATION        | ON:  | =                  |      | CHECKED BY: JM DATE: 12/03/2019 |
| ENGIN               |                             |                |         |                           |          |           | AZUMITH          | : 0° | PLUNGE: 9          | 90°  | STATUS: Final data              |
| CONTR               | RACTO                       | R:             |         |                           |          | MACH      | IINE:            | 1    |                    |      | OPERATOR:                       |
|                     |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| Œ                   |                             | <u>0</u>       |         |                           | DCP BL   | ows       |                  |      | SAMPLES<br>& TESTS |      | ADDITIONAL REMARKS              |
| DEPTH (m)           | WATER                       | GRAPHIC<br>LOG | DATA    |                           |          |           |                  |      |                    |      |                                 |
| <u> </u>            | *                           | 82             | 4       | 5                         | 10       | 15        | 20               |      |                    |      |                                 |
| tt                  |                             |                | 8       |                           | ]        |           |                  |      |                    |      |                                 |
|                     |                             |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| -0.5 - 0            |                             |                | 4       |                           |          |           |                  |      |                    |      |                                 |
| 5.5                 |                             |                | 2       |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 1       | T                         |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 2       |                           |          |           |                  |      |                    |      |                                 |
| -1.0 - 7            |                             |                | 2       |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 2       | 7                         |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| -1.5                | 9                           |                | 2       | 7                         |          |           |                  |      |                    |      |                                 |
|                     | untere                      |                | 2       |                           |          |           |                  |      |                    |      |                                 |
| + +                 | Groundwater Not Encountered |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| 2.0                 | r Not                       |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| <b> </b>            | dwate                       |                | 4       |                           |          |           |                  |      |                    |      |                                 |
|                     | Sroun                       |                | 7       |                           |          |           |                  |      |                    |      |                                 |
| 2                   |                             |                | 5       |                           |          |           |                  |      |                    |      |                                 |
| -2.5 - N            |                             |                | 5       |                           |          |           |                  |      |                    |      |                                 |
| + +                 |                             |                | 3       |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| −3.0 − წ            |                             |                | 3       |                           |          |           |                  |      |                    |      |                                 |
| ļ ļ                 |                             |                | 8       |                           |          |           |                  |      |                    |      |                                 |
| -                   |                             |                | 7       |                           |          |           |                  |      |                    |      |                                 |
| -3.5 - m            |                             |                | 11<br>7 |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                | 6       |                           |          |           |                  |      |                    |      |                                 |
| -                   |                             |                | 6       |                           |          |           |                  |      |                    |      |                                 |
| -4.0 - 7            |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| 1                   |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| - 10                |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| -4.5 - <del>1</del> |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| + +                 |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
|                     |                             |                |         |                           |          |           |                  |      |                    |      |                                 |
| REMAR               | K6                          |                |         |                           |          |           |                  |      |                    | QVI  | MBOLS                           |
| IVEIVIAR            | NO                          |                |         |                           |          |           |                  |      |                    |      |                                 |
| •                   |                             |                |         |                           |          |           |                  |      |                    |      | Standing Water Level - Out flow |
|                     |                             |                |         |                           |          |           |                  |      |                    |      | - In flow                       |
|                     |                             |                |         | 2/308 011554              | T EAST   | HASTINGS  | RE               | OCL  | LIAVELOCK N        | יייי | H 4130   NEW ZEALAND            |
|                     |                             |                |         | MOUD QUEEN S              | ) LAS1,  | Ph: +64 6 | 8771652 <b> </b> | Ema  | il: info@rdcl.co.n | Z    | 11 7 100   INEVV ZEALAIND       |



**DCP9.22** 

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DCP9.23

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| CLI       | ENT:       | Gre                         | ensto          | ne La       | and Developme           | nts Ltd     |            | PROJECT                    | ION: NZ                         | .TM                       | LOCATION: Lot151                   | 1              |          |
|-----------|------------|-----------------------------|----------------|-------------|-------------------------|-------------|------------|----------------------------|---------------------------------|---------------------------|------------------------------------|----------------|----------|
| PR        | OJEC       | CT:                         | 18397          | 0602        | 2                       |             |            | EASTING:                   | 1928                            | 3437.45                   | STARTED: 05/02/                    | 2019           |          |
| LO        | CATIO      | ON:                         | Lyndh          | urst I      | Road, Frim <b>l</b> ey, | Hastings    |            | NORTHIN                    | G: 5607                         | 637.85                    | FINISHED: 05/02/                   | 2019           |          |
|           |            |                             |                |             |                         |             |            | DATUM:                     | -                               |                           | LOGGED BY: MD                      | DATE: 07/02/20 | )19      |
| OFI       | FICE:      |                             | RDCL           | <b>-</b> На | stings                  |             |            | ELEVATIO                   | ON: -                           |                           | CHECKED BY: JM                     | DATE: 12/03/20 | )19      |
| _         |            | ER:                         |                |             |                         |             |            | AZUMITH                    | : 0°                            | PLUNGE: 90                |                                    | a              |          |
| СО        | NTRA       | ACTO                        | R:             |             |                         |             | MACH       | IINE:                      |                                 |                           | OPERATOR:                          |                |          |
|           |            |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| ΞĒ,       |            |                             | O              |             |                         | DCP BLOV    | WS         |                            |                                 | AMPLES<br>TESTS           | ADDITIO                            | ONAL REMARKS   |          |
| DEPTH (m) | RL (m)     | WATER                       | GRAPHIC<br>LOG | ⊴ .         |                         |             |            |                            | '                               | X IESIS                   |                                    |                |          |
| DEF       | చ          | ×<br>A                      | R O            |             | 5                       | 10          | 15         | 20                         |                                 |                           |                                    |                |          |
| -         | -          |                             |                | 4           |                         |             |            |                            |                                 |                           |                                    |                |          |
|           | -          |                             |                | 3           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | - 25       |                             |                | 2           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -0.5<br>- | - 0<br>- 0 |                             |                | 2           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | -          |                             |                | 2           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | F _        |                             |                | 2           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -1.0      | - 4        |                             |                | 4           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | -          |                             |                | 5           |                         |             |            |                            |                                 |                           |                                    |                |          |
| _         | -          |                             |                | 3           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -1.5      | - 1-       |                             |                | 3           |                         |             |            |                            |                                 |                           |                                    |                |          |
|           | -          | ntered                      |                | 2           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | -          | incour                      |                | 3           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -2.0      | -20        | Not E                       |                | 4           |                         |             |            |                            |                                 |                           |                                    |                |          |
| - 2.0     | - ``       | lwater                      |                | 3<br>6      |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | _          | Groundwater Not Encountered |                | 6           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         |            | U                           |                | 6<br>5      |                         |             |            |                            |                                 |                           |                                    |                |          |
| -2.5<br>- | -2.5       |                             |                | 4           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | -          |                             |                | 5           |                         |             |            |                            |                                 |                           |                                    |                |          |
|           | -          |                             |                | 5           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -3.0      | - 8        |                             |                | 5           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | <u>-</u>   |                             |                | 7           |                         | _           |            |                            |                                 |                           |                                    |                |          |
| -         | _          |                             |                | 9           |                         |             |            |                            |                                 |                           |                                    |                |          |
| -<br>-3.5 | - 3.5      |                             |                | 11          |                         |             |            |                            |                                 |                           |                                    |                |          |
|           | -          |                             |                | 8           |                         | -           |            |                            |                                 |                           |                                    |                |          |
| -         | -          |                             |                | 7           |                         | -           |            |                            |                                 |                           |                                    |                |          |
|           | - 4        |                             |                | 7           |                         |             |            |                            |                                 |                           |                                    |                | -        |
| -4.0<br>- | 4          |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | _          |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| -         | -          |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| -4.5      | - 4        |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
|           | -          |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| _         | -          |                             |                |             |                         |             |            |                            |                                 |                           |                                    |                |          |
| D=:       | 405.       | (C                          |                |             |                         |             |            |                            |                                 |                           | CYMPOL C                           |                |          |
| KEN       | //ARK      | 13                          |                |             |                         |             |            |                            |                                 |                           | SYMBOLS                            |                |          |
|           |            |                             |                |             |                         |             |            |                            |                                 |                           | ▼ Standing Water Level <- Out flow |                |          |
|           |            |                             |                |             |                         |             |            |                            |                                 |                           | ├─ In flow                         |                |          |
|           |            |                             |                |             |                         | OT 54.6= 11 | 14 OTIVE 5 |                            | CL                              | VEL 63::::                | DTII 4400 LNEW                     | AND            | $\dashv$ |
|           |            |                             |                | {           | S/3U8 QUEEN             | 51 EAST, H  | Ph: +64 6  | PO BOX 28<br>  8771652   1 | 5057, HA<br>Emai <b>l</b> : inf | VELOCK NO<br>o@rdcl.co.nz | RTH 4130   NEW ZEALA               | AND            |          |
|           |            |                             |                |             |                         |             |            | •                          | _                               |                           |                                    |                |          |



DCP9.24

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| CLI       | ENT:             | Gre                         | ensto          | ne L        | and Develop           | ments Ltd   |           | PROJEC       | TION                | NZTM               |      | LOCATION: Lot151          |         |
|-----------|------------------|-----------------------------|----------------|-------------|-----------------------|-------------|-----------|--------------|---------------------|--------------------|------|---------------------------|---------|
|           |                  |                             | 18397          |             |                       |             |           | EASTING      | 3:                  | 1928426.84         |      | STARTED: 05/02/2019       |         |
| LO        | CATIO            | ON:                         | Lyndh          | urst        | Road, Frim <b>l</b> e | y, Hastings |           | NORTHI       | NG:                 | 5607651.13         |      | FINISHED: 05/02/2019      |         |
|           |                  |                             |                |             |                       |             |           | DATUM:       | -                   |                    |      | LOGGED BY: MD DATE: 07/0  | 02/2019 |
| OF        | FICE:            | :                           | RDCL           | <b>-</b> На | astings               |             |           | ELEVAT       |                     |                    |      | CHECKED BY: JM DATE: 12/0 | 03/2019 |
|           |                  | ER:                         |                |             |                       |             |           | AZUMITI      | H: 0°               | PLUNGE: 9          | 90°  | STATUS: Final data        |         |
| СО        | NTRA             | ACTO                        | )R:<br>        |             |                       |             | MA        | CHINE:       | _                   |                    |      | OPERATOR:                 |         |
|           |                  |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| Œ         |                  | _,                          | <u>ပ</u>       |             |                       | DCP B       | LOWS      |              |                     | SAMPLES<br>& TESTS |      | ADDITIONAL REMARKS        |         |
| DEPTH (m) | RL (m)           | WATER                       | GRAPHIC<br>LOG | DATA        | l _                   |             |           |              |                     |                    |      |                           |         |
| ă         | 굽                | 3                           | 97             | 2           | 5                     | 10          | 15        | 20           |                     |                    | _    |                           |         |
|           | -                |                             |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                | 3           | _                     |             |           |              |                     |                    |      |                           |         |
| -0.5      | 0.5              |                             |                | 2           |                       |             |           |              |                     |                    |      |                           |         |
| -         | _                |                             |                | 1           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
| -<br>-1.0 | - 6              |                             |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
|           | ļ '              |                             |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                | tered                       |                | 5           |                       |             |           |              |                     |                    |      |                           |         |
| -         | - <del>-</del> - | Groundwater Not Encountered |                | 2           |                       |             |           |              |                     |                    |      |                           |         |
| -1.5<br>- | - 7              | Not E                       |                | 1           | 7                     |             |           |              |                     |                    |      |                           |         |
|           | -                | Iwater                      |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
| -         | - 0              | Sround                      |                | 2           |                       |             |           |              |                     |                    |      |                           |         |
| -2.0      | -2.0             |                             |                | 5           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                | 8           |                       |             |           |              |                     |                    |      |                           |         |
|           | -                |                             |                | 5           |                       | _           |           |              |                     |                    |      |                           |         |
| -2.5      | -2.5             |                             |                | 4           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                | 3           |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                | 4           |                       |             |           |              |                     |                    |      |                           |         |
| -3.0      | - 30             |                             |                | 7           |                       | <b>-</b>    |           |              |                     |                    |      |                           |         |
|           | -                |                             |                | 17          |                       |             |           |              |                     |                    |      |                           |         |
| -         | _                |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -<br>-3.5 | - 3.5            |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| t         |                  |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -4.0      | - 4<br>0         |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| - 4.0     | - 1              |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
|           | -<br>-           |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -         | رئ<br>-          |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -4.5<br>- | -<br>- 4         |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| _         | _                |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| -         | -                |                             |                |             |                       |             |           |              |                     |                    |      |                           |         |
| REN       | L<br>/IARK       | <br>(S                      | 1              |             | <u> </u>              | <u>_</u>    |           |              |                     |                    | SYM  | BOLS                      |         |
|           |                  |                             |                |             |                       |             |           |              |                     |                    |      | Standing Water Level      |         |
|           |                  |                             |                |             |                       |             |           |              |                     |                    | 40   | Out flow                  |         |
|           |                  |                             |                |             |                       |             |           |              | <b>.</b>            |                    |      | n flow                    |         |
|           |                  |                             |                |             | 8/308 QUEE            | N ST EAST   | , HASTING | S   PO BOX 2 | <b>DCL</b><br>28057 | , HAVELOCK NO      | ORTH | 4130   NEW ZEALAND        |         |
|           |                  |                             |                |             |                       |             | Ph: +6    | 4 6 8771652  | Emai                | l: info@rdcl.co.n  | ١z   |                           |         |



DCP9.25

SHEET 25 OF 84

| CLI       | ENT:       | Gre                         | ensto          | ne La  | and Developm           | ents Ltd   |           | PROJECT      | ION: NZ     | ГМ              | LOCATION: Lot152          | GHEET 20 GF 04   |
|-----------|------------|-----------------------------|----------------|--------|------------------------|------------|-----------|--------------|-------------|-----------------|---------------------------|------------------|
| PR        | OJEC       | CT:                         | 18397          | 0602   |                        |            |           | EASTING      | 1928        | 436.22          | STARTED: 05/02/2019       |                  |
| LO        | CATIO      | ON:                         | Lyndh          | urst F | Road, Frim <b>l</b> ey | Hastings   |           | NORTHIN      | G: 5607     | 655 <b>.</b> 27 | FINISHED: 05/02/2019      |                  |
|           |            |                             |                |        |                        |            |           | DATUM:       | -           |                 | LOGGED BY: MD             | DATE: 07/02/2019 |
| OFI       | FICE:      |                             | RDCL           | - Ha   | stings                 |            |           | ELEVATIO     | ON: -       |                 | CHECKED BY: JM            | DATE: 12/03/2019 |
| EN        | GINE       | ER:                         | ТВ             |        |                        |            |           | AZUMITH      | : 0° F      | PLUNGE: 90°     |                           |                  |
| СО        | NTRA       | ACTO                        | R:             |        |                        |            | MACH      | IINE:        |             |                 | OPERATOR:                 |                  |
|           |            |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| Ê         |            |                             | O              |        |                        | DCP BLO    | WS        |              |             | AMPLES<br>TESTS | ADD <b>I</b> TIONAL F     | REMARKS          |
| DEPTH (m) | RL (m)     | WATER                       | GRAPHIC<br>LOG |        |                        |            |           |              | ~           | 15010           |                           |                  |
| E         | చ          | ×<br>A                      | R O            |        | 5                      | 10         | 15        | 20           |             |                 |                           |                  |
| -         | -          |                             |                | 4      |                        |            |           |              |             |                 |                           |                  |
|           | -          |                             |                | 3      |                        |            |           |              |             |                 |                           |                  |
| -         | - 25       |                             |                | 2      | _                      |            |           |              |             |                 |                           |                  |
| -0.5<br>- | - 0<br>- 0 |                             |                | 1      | T .                    |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 2      |                        |            |           |              |             |                 |                           |                  |
| F         | -          |                             |                | 3      |                        |            |           |              |             |                 |                           |                  |
| -1.0      | - 7        |                             |                | 3      |                        |            |           |              |             |                 |                           |                  |
| F         | -          |                             |                | 3      |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 3      |                        |            |           |              |             |                 |                           |                  |
| -1.5      | - 1.5      |                             |                | 2      |                        |            |           |              |             |                 |                           |                  |
| -         | -          | itered                      |                | 2      |                        |            |           |              |             |                 |                           |                  |
| -         | -          | ncon                        |                | 4      |                        |            |           |              |             |                 |                           |                  |
| -         | -2.0       | Groundwater Not Encountered |                | 3      |                        |            |           |              |             |                 |                           |                  |
| -2.0      | - 4        | water                       |                | 6      |                        |            |           |              |             |                 |                           |                  |
| -         | -          | \puno.                      |                | 5      |                        |            |           |              |             |                 |                           |                  |
| -         | -          | Ō                           |                | 4      |                        |            |           |              |             |                 |                           |                  |
| -2.5      | -2.5       |                             |                | 4      |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 5      |                        |            |           |              |             |                 |                           |                  |
|           | -          |                             |                | 4      |                        |            |           |              |             |                 |                           |                  |
| -3.0      | 3.0        |                             |                | 6      |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 9      |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 8      |                        |            |           |              |             |                 |                           |                  |
| -<br>-3.5 | -3.5       |                             |                | 5      |                        |            |           |              |             |                 |                           |                  |
| - 3.5     | ۳          |                             |                | 5      |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                | 6      |                        |            |           |              |             |                 |                           |                  |
|           |            |                             |                | 6      |                        |            |           |              |             |                 |                           |                  |
| -4.0      | - 4<br>0   |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| -         | _          |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| -4.5      | - 4        |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| ţ         | <u> </u>   |                             |                |        |                        |            |           |              |             |                 |                           |                  |
| -         | -          |                             |                |        |                        |            |           |              |             |                 |                           |                  |
|           | -          |                             |                |        |                        |            |           |              |             | 1               |                           |                  |
| REN       | /IARK      | (S                          |                |        |                        |            |           |              |             | s               | YMBOLS                    |                  |
|           |            |                             |                |        |                        |            |           |              |             |                 | ▼ Standing Water Level    |                  |
|           |            |                             |                |        |                        |            |           |              |             |                 | <├ Out flow<br>>─ In flow |                  |
|           |            |                             |                |        |                        |            |           | RL           | CL          |                 | e services                |                  |
|           |            |                             |                | 8      | 3/308 QUEEN            | ST EAST, H | HASTINGS  | PO BOX 28    | 3057, HA\   | ELOCK NOR       | TH 4130   NEW ZEALAND     |                  |
|           |            |                             |                |        |                        |            | Pn: +64 6 | 0 0 / / 1652 | ⊏maii: info | @rdcl.co.nz     |                           |                  |



DCP9.26

SHEET 26 OF 84

| CLI       | ENT:     | Gre                         | ensto          | ne La       | and Develo    | pments L  | _td      |           | PROJECT  | ION:        | NZTM               |              | LOCATION: Lot152      |         | 20 01 04   |
|-----------|----------|-----------------------------|----------------|-------------|---------------|-----------|----------|-----------|----------|-------------|--------------------|--------------|-----------------------|---------|------------|
| PR        | OJEC     | CT:                         | 18397          | 0602        | !             |           |          |           | EASTING  |             | 1928445.05         |              | STARTED: 05/02/2019   |         |            |
| LO        | CATI     | ON:                         | Lyndh          | urst F      | Road, Frim    | ley, Hast | ings     |           | NORTHIN  | G:          | 5607642.50         |              | FINISHED: 05/02/2019  |         |            |
|           |          |                             |                |             |               |           |          |           | DATUM:   | -           |                    |              | LOGGED BY: MD         | DATE:   | 07/02/2019 |
| OF        | FICE     | :                           | RDCL           | <b>-</b> На | stings        |           |          |           | ELEVATIO | ON:         | -                  |              | CHECKED BY: JM        | DATE:   | 12/03/2019 |
| EN        | GINE     | ER:                         | ТВ             |             |               |           |          |           | AZUMITH  | : 0°        | PLUNGE:            | 90°          | STATUS: Final data    |         |            |
| СО        | NTRA     | ACTO                        | R:             |             |               |           |          | MACH      | INE:     |             |                    |              | OPERATOR:             |         |            |
|           |          |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| (E)       |          |                             | O              |             |               | D         | CP BLOWS | 3         |          |             | SAMPLES<br>& TESTS |              | ADD <b>I</b> TIONAL F | REMARKS |            |
| DEPTH (m) | RL (m)   | WATER                       | GRAPHIC<br>LOG | ⊴.          |               |           |          |           |          |             | Q 12313            |              |                       |         |            |
| DEF       | ద        | ×<br>∀                      | R O            |             | 5             |           | 10       | 15        | 20       |             |                    |              |                       |         |            |
| -         | -        |                             |                | 3           |               |           |          |           |          |             |                    |              |                       |         |            |
|           | -        |                             |                | 3           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | - 2      |                             |                | 2           | $\Box$        |           |          |           |          |             |                    |              |                       |         |            |
| -0.5<br>- | -0.5     |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | -        |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
| F         | [        |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
| -1.0      | - 7      |                             |                | 3           |               |           |          |           |          |             |                    |              |                       |         |            |
| F         |          |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
|           | -        |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
| -1.5      | - 1.5    |                             |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
|           | _        | nterec                      |                | 2           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | -        | Encou                       |                | 3           |               |           |          |           |          |             |                    |              |                       |         |            |
| -2.0      | -2.0     | Groundwater Not Encountered |                | 4           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | - "      | dwater                      |                | 5           |               |           |          |           |          |             |                    |              |                       |         |            |
|           | -        | Sround                      |                | 4           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | - 5      |                             |                | 3           |               |           |          |           |          |             |                    |              |                       |         |            |
| -2.5<br>- | -2.5     |                             |                | 4           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | -        |                             |                | 4           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | _        |                             |                | 4           |               |           |          |           |          |             |                    |              |                       |         |            |
| -3.0      | 3.0      |                             |                | 13          |               |           |          |           |          |             |                    |              |                       |         |            |
| F         | -        |                             |                | 10<br>9     |               |           |          |           |          |             |                    |              |                       |         |            |
| _         | E        |                             |                | 8           |               |           |          |           |          |             |                    |              |                       |         |            |
| -3.5      | 3.5      |                             |                | 7           |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | -        |                             |                | 6           |               | 1         |          |           |          |             |                    |              |                       |         |            |
| -         | -        |                             |                | 7           |               |           |          |           |          |             |                    |              |                       |         |            |
| -4.0      | - 4      |                             |                |             |               |           |          |           |          | $\Box$      |                    | +            |                       |         |            |
|           | ├ '      |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | <u> </u> |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | - 2      |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| -4.5<br>- | - 4.5    |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | }        |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| -         | -        |                             |                |             |               |           |          |           |          |             |                    |              |                       |         |            |
| REN       | /IARK    | \<br>(S                     |                |             |               |           |          | i         |          | Ш           |                    | SY           | MBOLS                 |         |            |
|           |          |                             |                |             |               |           |          |           |          |             |                    |              | Standing Water Level  |         |            |
|           |          |                             |                |             |               |           |          |           |          |             |                    |              | Out flow              |         |            |
|           |          |                             |                |             |               |           |          |           |          |             |                    | ightharpoons | In flow               |         |            |
|           |          |                             |                |             | <br>3/308 OUE | EN ST F   | AST HAS  | STINGS    |          | OCL<br>3057 | HAVELOCK N         | IORTI        | H 4130   NEW ZEALAND  |         |            |
|           |          |                             |                |             |               |           | ,        | Ph: +64 6 | 8771652  | Email       | : info@rdcl.co.r   | nz           |                       |         |            |



DCP9.27

SHEET 27 OF 84

| CLI       | ENT:     | Gre                         | ensto          | ne La       | and Developme             | nts Ltd    |           | PROJECT   | Γ <b>I</b> ON: 1  | NZTM               |      | LOCATION: Lot154      | OHEET 27 |          |
|-----------|----------|-----------------------------|----------------|-------------|---------------------------|------------|-----------|-----------|-------------------|--------------------|------|-----------------------|----------|----------|
| PR        | OJEC     | CT:                         | 18397          | 0602        | !                         |            |           | EASTING   | : 19              | 28454.80           |      | STARTED: 05/02/2019   |          |          |
| LO        | CATIO    | ON:                         | Lyndh          | urst I      | Road, Frim <b>l</b> ey, I | Hastings   |           | NORTHIN   | IG: 56            | 07650.12           |      | FINISHED: 05/02/2019  |          |          |
|           |          |                             |                |             |                           |            |           | DATUM:    | -                 |                    |      | LOGGED BY: MD         | DATE: 07 | /02/2019 |
| OFI       | FICE:    |                             | RDCL           | <b>-</b> На | stings                    |            |           | ELEVATION | ON: -             |                    |      | CHECKED BY: JM        | DATE: 12 | /03/2019 |
| EN        | GINE     | ER:                         | ТВ             |             |                           |            |           | AZUMITH   | : 0°              | PLUNGE: 9          | 90°  | STATUS: Final data    |          |          |
| СО        | NTRA     | ACTO                        | R:             |             |                           |            | MACH      | IINE:     |                   |                    |      | OPERATOR:             |          |          |
|           |          |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
| Ê         |          |                             | O              |             |                           | DCP BLOV   | vs        |           |                   | SAMPLES<br>& TESTS |      | ADD <b>I</b> TIONAL R | EMARKS   |          |
| DEPTH (m) | RL (m)   | WATER                       | GRAPHIC<br>LOG | ≰ .         |                           |            |           |           |                   | α (E313            |      |                       |          |          |
| DEF       | చ        | ×<br>A                      | R O            |             | 5                         | 10         | 15        | 20        |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 4           |                           |            |           |           |                   |                    |      |                       |          |          |
|           | -        |                             |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | - 25     |                             |                | 1           | 7                         |            |           |           |                   |                    |      |                       |          |          |
| -0.5<br>- | - 0<br>- |                             |                | 2           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 2           | _                         |            |           |           |                   |                    |      |                       |          |          |
|           | -        |                             |                | 1           |                           |            |           |           |                   |                    |      |                       |          |          |
| -1.0      | - 4      |                             |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 4           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 2           |                           |            |           |           |                   |                    |      |                       |          |          |
| -1.5      | - 1.5    |                             |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        | itered                      |                | 4           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        | ncon                        |                | 7           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -2.0     | Groundwater Not Encountered |                | 2           |                           |            |           |           |                   |                    |      |                       |          |          |
| -2.0      | - 4      | water                       |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        | \puno.                      |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        | Ō                           |                | 3           |                           |            |           |           |                   |                    |      |                       |          |          |
| -2.5      | - 2 2    |                             |                | 5           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 6           |                           |            |           |           |                   |                    |      |                       |          |          |
| t         | -        |                             |                | 7           |                           |            |           |           |                   |                    |      |                       |          |          |
| -3.0      | 3.0      |                             |                | 7           |                           |            |           |           |                   |                    |      |                       |          |          |
| t         | -        |                             |                | 7           |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                | 5           |                           |            |           |           |                   |                    |      |                       |          |          |
| -<br>-3.5 | -3.5     |                             |                | 5           |                           |            |           |           |                   |                    |      |                       |          |          |
| - 3.5     | ۳        |                             |                | 5           |                           |            |           |           |                   |                    |      |                       |          |          |
|           | -        |                             |                | 7           |                           |            |           |           |                   |                    |      |                       |          |          |
|           |          |                             |                | 9           |                           |            |           |           |                   |                    |      |                       |          |          |
| -4.0      | - 4<br>0 |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
| _         | _        |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
|           | -        |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
| -4.5      | - 4      |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
|           | <u> </u> |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
| -         | -        |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
|           | -        |                             |                |             |                           |            |           |           |                   |                    |      |                       |          |          |
| REN       | /IARK    | (S                          |                |             |                           |            |           |           |                   |                    | SYN  | MBOLS                 |          |          |
|           |          |                             |                |             |                           |            |           |           |                   |                    |      | Standing Water Level  |          |          |
|           |          |                             |                |             |                           |            |           |           |                   |                    |      | Out flow<br>In flow   |          |          |
|           |          |                             |                |             |                           |            |           | RL        | OCL               |                    | 1    |                       |          |          |
|           |          |                             |                | 8           | 3/308 QUEEN \$            | ST EAST, H | ASTINGS   | PO BOX 28 | 8057, H           | IAVELOCK NO        | ORTH | 1 4130   NEW ZEALAND  |          |          |
|           |          |                             |                |             |                           |            | rn: +64 6 | 0//1652   | ⊏maı <b>ı</b> : i | nfo@rdcl.co.n      | ıZ   |                       |          |          |



DCP9.28

SHEET 28 OF 84

| 2.0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -   |           |          |         |            |               |                         |             |           |                            |                          |                  |              |                       | SHEET 28 OF 84   |  |  |
|---|-----------|----------|---------|------------|---------------|-------------------------|-------------|-----------|----------------------------|--------------------------|------------------|--------------|-----------------------|------------------|--|--|
| COCATION   Confidence   Conf   | CLI       | ENT:     | Gre     | ensto      | ne L          | and Developme           | nts Ltd     |           | PROJECT                    | ION:                     | NZTM             |              | LOCATION: Lot154      |                  |  |  |
| DATE: 07/02/2019  DATE: 07/02/2019  ENGINEER: TB  MACHINE:  OPERATOR:  OPERATOR:  OPERATOR:  OPERATOR:  OPERATOR:  OPERATOR:  OPERATOR:  SAMPLES STATUS: Find data  DOC PILONIS  SAMPLES STATUS: Find data  DOC PILONIS  SAMPLES STATUS: Find data  DOC PILONIS  SAMPLES STATUS: Find data  ADDITIONAL REMARKS  STESTS  ADDITIONAL REMARKS  STESTS  SAMPLES STATUS: Find data  ADDITIONAL REMARKS  STESTS  SAMPLES STATUS: Find data  ADDITIONAL REMARKS  STESTS  SAMPLES STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  STATUS: Find data  ADDITIONAL REMARKS  STATUS: Find data  ADDITIONAL REMARKS  |           |          |         |            |               |                         |             |           | EASTING                    | : '                      | 1928446.32       |              | STARTED: 05/02/2019   |                  |  |  |
| DEP BLOWS  ELEVATION - PLUNGE: 90° STATUS Final data  CONTRACTOR: MACHINE: OPERATOR:  DEP BLOWS  SAMPLES ADDITIONAL REMARKS  DOP BLOWS  SAMPLES ADDITIONAL REMARKS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  REMARKS  REMARKS  REMARKS  REMARKS  REMARKS  SYMBOLS  SYMBO | LO        | CATIO    | ON:     | Lyndh      | urst          | Road, Frim <b>l</b> ey, | Hastings    |           | NORTHIN                    | G: :                     | 5607662.20       |              | FINISHED: 05/02/2019  |                  |  |  |
| ENGINEER TB   |           |          |         |            |               |                         |             |           | DATUM:                     | -                        |                  |              | LOGGED BY: MD         | DATE: 07/02/2019 |  |  |
| CONTRACTOR  MACHINE:  OPERATOR  DCP BLOWS  SAMPLES & TESTS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  SAMPLES & TESTS  ADDITIONAL REMARKS  SYMBOLS  TO STATE OF TESTS  SYMBOLS  TO STATE OF TESTS  SYMBOLS  SYMBOLS  SYMBOLS  TO STATE OF TESTS  STATE OF TESTS  SYMBOLS  SYMBOLS  TO STATE OF TESTS  STATE OF TESTS  SYMBOLS  TO STATE OF TESTS  STATE OF TESTS  STATE OF TESTS  STATE OF TESTS  ADDITIONAL REMARKS  | OFF       | FICE:    |         | RDCL       | . <b>-</b> Ha | astings                 |             |           | ELEVATIO                   | ON:                      | -                |              | CHECKED BY: JM        | DATE: 12/03/2019 |  |  |
| SAMPLES SAMPLES ADDITIONAL REMARKS  SAMPLES & SAMPLES & ADDITIONAL REMARKS  SAMPLES & SAMPLES & ADDITIONAL REMARKS  1.6   | ENG       | SINE     | ER:     | ТВ         |               |                         |             |           | AZUMITH                    | : 0°                     | PLUNGE: 9        | 90°          | STATUS: Final data    |                  |  |  |
| STABLE STATES SYMBOLS  REMARKS  REMARKS  REMARKS  SYMBOLS  SYMBOLS  SYMBOLS  SOS QUEEN ST EAST, HASTINGS I PO BOX 20057, HAVELOCK NORTH 4130 I NEW ZEALAND  | COI       | NTR/     | ACTC    | R:         |               |                         |             | MACH      | IINE:                      |                          |                  |              | OPERATOR:             |                  |  |  |
| STABLE STATES SYMBOLS  REMARKS  REMARKS  REMARKS  SYMBOLS  SYMBOLS  SYMBOLS  SOS QUEEN ST EAST, HASTINGS I PO BOX 20057, HAVELOCK NORTH 4130 I NEW ZEALAND  |           |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS    SYMBOLS   Symb | n)        |          |         |            |               |                         | DCP BLC     | )WS       |                            |                          |                  |              | ADDITIONAL            | REMARKS          |  |  |
| REMARKS    SYMBOLS   Symb | TH (r     | (E       | ËR      | PHIO.      | ∢             |                         | 50. 520     | ,,,,      |                            |                          | & TESTS          |              | , 1991 (1910)         |                  |  |  |
| REMARKS  SYMBOLS  T T T T T T T T T T T T T T T T T T T   | DEP       | RL (     | WA      | GR/<br>LOG | DAT           | 5                       | 10          | 15        | 20                         |                          |                  |              |                       |                  |  |  |
| REMARKS  REMARKS  SYMBOLS  T O D D D D D D D D D D D D D D D D D D  |           |          |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 1.0 - 0 7   | -         | -        |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 0.0   | -         |          |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| TREMARKS  REMARKS  SYMBOLS  **Standing Water Level  - Out flow  **PDCL**  **BODUMENT ST EAST, HASTINGS I PD BOX 28057, HAVELOCK NORTH 4130 I NEW ZEALAND  **BODUMENT ST EAST, HASTINGS I PD BOX 28057, HAVELOCK NORTH 4130 I NEW ZEALAND  | -0.5      | - 0.5    |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| T.0.  | -         | _        |         |            | -             | 工                       |             |           |                            |                          |                  |              |                       |                  |  |  |
| 1.5   | -         | 1        |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| Palence Land Symbols  REMARKS  SYMBOLS  REMARKS  SYMBOLS  SYMBOLS  SYMBOLS  Out flow  In flow  RDCL  8/306 QUEEN ST EAST, HASTINGS I PO BOX 28057, HAVELOCK NORTH 4130 I NEW ZEALAND  | -1.0      | - 1      |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.0   | -         | -        |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 1.5   | -         |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.0   | -         |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -1.5<br>- |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -         |          | counte  |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -         | -        | ot Enc  |            | _             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -2.0      | 2.0      | ater No |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -         |          | ewpur   |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 2.5   | -         | -        | Grou    |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 3.0 - 9   | -2.5      | 2.5      |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| -3.0  | -         | -        |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 3.0   |           |          |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  ▼ Standing Water Level  → Out flow  ► In flow  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND  | -         | -<br>0   |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 3.5 - 97 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 9 9 9 9  | -3.0<br>- | - ფ<br>- |         |            | _             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  ▼ Standing Water Level  Out flow  In flow  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND  | -         | -        |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 3.5   | -         | -        |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  Standing Water Level  Out flow In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS I PO BOX 28057, HAVELOCK NORTH 4130 I NEW ZEALAND   | -3.5      | 3.5      |         |            | -             |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  Standing Water Level  Out flow In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS I PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | -         | -        |         |            | -             |                         | 1           |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  SYMBOLS  Standing Water Level  Out flow  In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | -         | -        |         |            | -             |                         | <b>-</b>    |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  SYMBOLS  Standing Water Level  Out flow  In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | -4.0      | - 4      |         |            |               |                         | _           |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  Standing Water Level  Out flow  In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND  | -         |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  Standing Water Level  Out flow  In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND  | -         |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| REMARKS  SYMBOLS  Standing Water Level  Out flow  In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND  | -         | -        |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| ▼ Standing Water Level <- Out flow □ In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | -4.5<br>- | - 4      |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| ▼ Standing Water Level <- Out flow □ In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | _         | _        |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| ▼ Standing Water Level <- Out flow □ In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | -         |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| ▼ Standing Water Level <- Out flow □ In flow  RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   | REM       | IARK     | L       |            |               |                         |             |           |                            |                          |                  | SYN          | ABOLS                 |                  |  |  |
|   | ۱۸۵۱۷     | ıı.\n    | .0      |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| RDCL  8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   |           |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND   |           |          |         |            |               |                         |             |           |                            |                          |                  |              |                       |                  |  |  |
| 8/308 QUEEN STEAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND<br>Ph: +64 6 8771652   Email: info@rdcl.co.nz  |           |          |         |            |               | 0/000 0115511           | OT E 4 OT : | LIACTINGS | RE                         | CL                       | LIAN/ELOOK SI    | ODT:         | 1 4400   NEW 7541 422 |                  |  |  |
|   |           |          |         |            |               | O/JUB QUEEN             | STEAST, I   | Ph: +64 6 | PO BOX 28<br>  8771652   1 | ວບວ / ,<br>Emai <b>l</b> | : info@rdcl.co.n | OK I F<br>IZ | 14130   NEVV ZEALAND  |                  |  |  |



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| CLI       | ENT:     | Gre                         | ensto          | ne La  | and Developm           | ents Ltd   |             | PROJECT   | ION: NZTM                     |                  | LOCATION: Lot152       | OHEE1 23 OF 34   |
|-----------|----------|-----------------------------|----------------|--------|------------------------|------------|-------------|-----------|-------------------------------|------------------|------------------------|------------------|
|           |          |                             | 18397          |        |                        |            |             | EASTING   | 1928453.90                    |                  | STARTED: 08/02/2019    |                  |
| LO        | CATIO    | ON:                         | Lyndh          | urst l | Road, Frim <b>l</b> ey | , Hastings |             | NORTHIN   | G: 5607666.85                 |                  | FINISHED: 08/02/2019   |                  |
|           |          |                             |                |        |                        |            |             | DATUM:    |                               |                  | LOGGED BY: MD/BR       | DATE: 08/02/2019 |
|           | FICE:    |                             |                | - Ha   | stings                 |            |             | ELEVATIO  |                               |                  | CHECKED BY: JM         | DATE: 12/03/2019 |
| _         |          | ER:                         |                |        |                        |            |             | AZUMITH   | : 0° PLUNGE                   | : 90°            | STATUS: Final data     |                  |
| СО        | NTRA     | ACTO                        | R:             |        |                        |            | MACH        | IINE:     |                               |                  | OPERATOR:              |                  |
|           |          |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| Œ         |          |                             | <u>ပ</u>       |        |                        | DCP BLC    | ows         |           | SAMPLES<br>& TESTS            |                  | ADD <b>I</b> TIONAL RE | MARKS            |
| DEPTH (m) | RL (m)   | WATER                       | GRAPHIC<br>LOG | DATA   | _                      |            |             |           |                               |                  |                        |                  |
| <u>a</u>  | 굽        | 3                           | 97             | 3      | 5                      | 10         | 15          | 20        |                               |                  |                        |                  |
|           | -        |                             |                | 4      |                        |            |             |           |                               |                  |                        |                  |
| -         | -        |                             |                | 1      |                        |            |             |           |                               |                  |                        |                  |
| -0.5      | -0.5     |                             |                | 2      |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                | 2      |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                | 2      |                        |            |             |           |                               |                  |                        |                  |
| -1.0      | - 1      |                             |                | 4      |                        |            |             |           |                               |                  |                        |                  |
|           | - '      |                             |                | 3      |                        |            |             |           |                               |                  |                        |                  |
| -         | -        | ō                           |                | 2      | T                      |            |             |           |                               |                  |                        |                  |
| -         | - 1      | Groundwater Not Encountered |                | 2      |                        |            |             |           |                               |                  |                        |                  |
| -1.5<br>- | - 7      | Enco                        |                | 2      |                        |            |             |           |                               |                  |                        |                  |
|           | -        | er Not                      |                | 3      |                        |            |             |           |                               |                  |                        |                  |
| -         | - 0      | ndwat                       |                | 3      |                        |            |             |           |                               |                  |                        |                  |
| -2.0      | -2.0     | Grou                        |                | 6      |                        |            |             |           |                               |                  |                        |                  |
| _         | -        |                             |                | 6      |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                | 8      |                        |            |             |           |                               |                  |                        |                  |
| -2.5      | -2.5     |                             |                | 3      |                        |            |             |           |                               |                  |                        |                  |
| -         | _        |                             |                | 4      |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                | 6      |                        |            |             |           |                               |                  |                        |                  |
| -3.0      | 3.0      |                             |                | 10     |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                | 12     |                        |            |             |           |                               |                  |                        |                  |
| _         | L        |                             |                | 10     |                        |            |             |           |                               |                  |                        |                  |
| -3.5      | 3.5      |                             |                | П      |                        |            |             |           |                               |                  |                        |                  |
| t         | Ė        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| -         | _        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| -4.0      | - 4<br>0 |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| 0         | 1        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
|           | -        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
|           | - 2      |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| -4.5<br>- | -<br>- 4 |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| -         | _        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| -         | _        |                             |                |        |                        |            |             |           |                               |                  |                        |                  |
| REN       | //ARK    | KS                          |                |        | <del></del>            | <u> </u>   | <del></del> | :         | <u> </u>                      | SYI              | MBOLS                  |                  |
|           |          |                             |                |        |                        |            |             |           |                               |                  | Standing Water Level   |                  |
|           |          |                             |                |        |                        |            |             |           |                               |                  | Out flow               |                  |
|           |          |                             |                |        |                        |            |             |           | 201                           | $\triangleright$ | In flow                |                  |
|           |          |                             |                |        | 8/308 QUEEN            | ST EAST,   | HASTINGS    | PO BOX 28 | I <b>CL</b><br>3057, HAVELOCK | NORTH            | H 4130   NEW ZEALAND   |                  |
|           |          |                             |                |        |                        |            | Ph: +64 6   | 8771652   | Email: info@rdcl.c            | o.nz             |                        |                  |



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|           |   |        |                |               |                           |            |           |           |            |                     |          |                      | SHEET   | 30 OF 84   |  |
|-----------|---|--------|----------------|---------------|---------------------------|------------|-----------|-----------|------------|---------------------|----------|----------------------|---------|------------|--|
| CLI       | ENT:                                    | Gre    | ensto          | ne L          | and Developme             | nts Ltd    |           | PROJECT   | ION        | : NZTM              |          | LOCATION: Lot152     |         |            |  |
|           |   |        | 18397          |               |                           |            |           | EASTING   |            | 1928462.88          |          | STARTED: 08/02/2019  |         |            |  |
| LOC       | CATIO                                   | ON:    | Lyndh          | urst          | Road, Frim <b>l</b> ey, I | Hastings   |           | NORTHIN   | G:         | 5607657.98          |          | FINISHED: 08/02/2019 |         |            |  |
|           |   |        |                |               |                           |            |           | DATUM:    | -          |                     |          | LOGGED BY: MD/BR     | DATE:   | 08/02/2019 |  |
| OFF       | FICE:                                   | :      | RDCL           | . <b>-</b> Ha | astings                   |            |           | ELEVATIO  | ON:        | -                   |          | CHECKED BY: JM       | DATE:   | 12/03/2019 |  |
| ENG       | SINE                                    | ER:    | ТВ             |               |                           |            |           | AZUMITH   | : 0°       | PLUNGE: 90          | 0°       | STATUS: Final data   |         |            |  |
| COI       | NTRA                                    | ACTO   | R:             |               |                           |            | MACH      | INE:      |            |                     |          | OPERATOR:            |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| (         |   |        |                |               |                           | B0B B1 61  |           |           |            | SAMPLES             |          | ADDITIONAL           | DEMARKS |            |  |
| 'H (m     | <u>e</u>                                | 2      | HC             |               |                           | DCP BLOV   | VS        |           |            | & TESTS             |          | ADD <b>I</b> TIONAL  | KEMAKKS |            |  |
| DEPTH (m) | RL (m)                                  | WATER  | GRAPHIC<br>LOG | DATA          | 5                         | 10         | 15        | 20        |            |                     |          |                      |         |            |  |
|           |   |        |                | 4             |                           |            |           |           |            |                     |          |                      |         |            |  |
| _         | _                                       |        |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
|           |   |        |                | 3             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -<br>-0.5 | - 0.5                                   |        |                | 2             | 了                         |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                | 2             | _                         |            |           |           |            |                     |          |                      |         |            |  |
|           |   |        |                | 1             | I I                       |            |           |           |            |                     |          |                      |         |            |  |
| -         |   |        |                | 2             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -1.0<br>- | -1.0                                    |        |                | 2             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         |   | _      |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
| ŀ         | 1                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -1.5      | 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         |   |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| [         |   |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -<br>o                                  | vbuno. |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -2.0<br>- | -2.0                                    | ้อั    |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                | 3             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -2.5      | 2.5                                     |        |                | 5             |                           |            |           |           |            |                     |          |                      |         |            |  |
|           |   |        |                | 3             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                | 4             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | 3.0                                     |        |                | 7             |                           |            |           |           |            |                     |          |                      |         |            |  |
| -3.0<br>- | – ကု<br>-                               |        |                | 13            |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                | 7             |                           |            | 1         |           |            |                     |          |                      |         |            |  |
| -         | _                                       |        |                |               |                           |            | -         |           |            |                     |          |                      |         |            |  |
| -3.5      | 3.5                                     |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -40       | - 4                                     |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -4.0<br>- | - 4                                     |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | _                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
|           | _                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -4.5      | - 4                                     |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| -         | -                                       |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     |          |                      |         |            |  |
| REM       | IARK                                    | (S     |                |               |                           |            |           |           |            |                     | SYM      | IBOLS                |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     | ▼ 8      | Standing Water Level |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     |          | Out flow             |         |            |  |
|           |   |        |                |               |                           |            |           |           |            |                     | ⊳ı       | In flow              |         |            |  |
|           |   |        |                |               | 8/308 QUEEN \$            | ST EAST, H | ASTINGS I | PO BOX 28 | CL<br>3057 | , HAVELOCK NO       | RTH      | 4130   NEW ZEALAND   |         |            |  |
|           |   |        |                |               |                           | ,          | Ph: +64 6 | 8771652   | Emai       | il: info@rdcl.co.nz | <u>z</u> |                      |         |            |  |



DCP9.31

**SHEET 31 OF 84** 

PROJECTION: NZTM LOCATION: Lot153 CLIENT: Greenstone Land Developments Ltd PROJECT: 183970602 EASTING: 1928471.18 STARTED: 08/02/2019 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607662.44 FINISHED: 08/02/2019 DATUM: -LOGGED BY: MD/BR DATE: 08/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER Ξ DATA 씸 10 15 20 6 6 2 0.5 0.5 2 1 2 1.0 3 6 3 3 1.5 Groundwater Not Encountered 3 3 3 4 2.0 -2.0 6 11 10 6 2 5 -2.5 7 6 7 8 3.0 3.0 10 10 11 10 8 3.5 3.5 8 9 9 10 - 4 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



DCP9.32

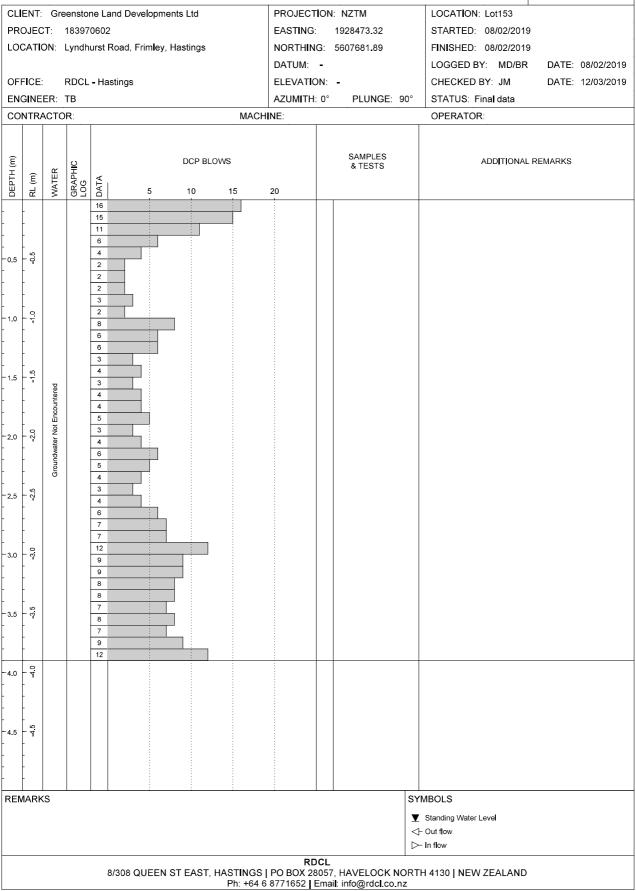
SHEET 32 OF 84

| CLI       | ENT:       | Gre                         | ensto          | ne La   | ınd Developm           | ents Ltd   |           | PROJECT      | ION: NZTM               |           | LOCATION: Lot153       | 011E11 32 01 34  |
|-----------|------------|-----------------------------|----------------|---------|------------------------|------------|-----------|--------------|-------------------------|-----------|------------------------|------------------|
|           |            |                             | 18397          |         |                        |            |           | EASTING      | 1928463.                | 61        | STARTED: 08/02/2019    |                  |
| LO        | CATIO      | ON:                         | Lyndh          | urst F  | Road, Frim <b>l</b> ey | , Hastings |           | NORTHIN      | G: 5607673.             | 48        | FINISHED: 08/02/2019   |                  |
|           |            |                             |                |         |                        |            |           | DATUM:       |                         |           | LOGGED BY: MD/BR       | DATE: 08/02/2019 |
| OF        | FICE:      |                             | RDCL           | - Ha    | stings                 |            |           | ELEVATIO     | DN: -                   |           | CHECKED BY: JM         | DATE: 12/03/2019 |
| _         |            | ER:                         |                |         |                        |            |           | AZUMITH      | 0° PLUI                 | NGE: 90°  | STATUS: Final data     |                  |
| СО        | NTRA       | ACTO                        | R:             |         |                        |            | MACH      | IINE:        |                         |           | OPERATOR:              |                  |
|           |            |                             |                |         |                        |            |           |              |                         |           |                        |                  |
| Ê         |            |                             | O              |         |                        | DCP BL     | ows       |              | SAMPI<br>& TES          |           | ADD <b>I</b> TIONAL F  | REMARKS          |
| DEPTH (m) | RL (m)     | WATER                       | GRAPHIC<br>LOG | _ ₹ .   |                        |            |           |              | 4120                    | .10       |                        |                  |
| DE        | 귐          | Š                           | RO.            |         | 5                      | 10         | 15        | 20           |                         |           |                        |                  |
| -         | -          |                             |                | 3       |                        |            |           |              |                         |           |                        |                  |
|           | -          |                             |                | 3       |                        |            |           |              |                         |           |                        |                  |
| -         | - 25       |                             |                | 2       |                        |            |           |              |                         |           |                        |                  |
| -0.5<br>- | - 0<br>- 0 |                             |                | 2       |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                | 2       |                        |            |           |              |                         |           |                        |                  |
| -         | F _        |                             |                | 2       |                        |            |           |              |                         |           |                        |                  |
| -1.0      | - 4        |                             |                | 2       |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                | 4       |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                | 3       |                        |            |           |              |                         |           |                        |                  |
| 1.5       | - 1-       |                             |                | 4       |                        |            |           |              |                         |           |                        |                  |
|           | -          | ntered                      |                | 8       | :                      |            |           |              |                         |           |                        |                  |
| -         | -          | incour                      |                | 9       |                        |            |           |              |                         |           |                        |                  |
| -         | - 2.0      | Groundwater Not Encountered |                | 3       |                        | 1          |           |              |                         |           |                        |                  |
| -2.0<br>- | - 9        | water                       |                | 3       |                        |            |           |              |                         |           |                        |                  |
|           | _          | round                       |                | 4       |                        |            |           |              |                         |           |                        |                  |
|           | _          | Ō                           |                | 4       |                        |            |           |              |                         |           |                        |                  |
| -2.5      | -2.5       |                             |                | 6       |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                | 10<br>9 |                        |            |           |              |                         |           |                        |                  |
|           | -          |                             |                | 7       |                        |            |           |              |                         |           |                        |                  |
| -3.0      | 3.0        |                             |                | 8       |                        | -          |           |              |                         |           |                        |                  |
| t         | -          |                             |                | 7       |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                | 7       |                        |            |           |              |                         |           |                        |                  |
| -<br>-3.5 | -3.5       |                             |                | 7       |                        |            |           |              |                         |           |                        |                  |
| - 3.5     | ۳          |                             |                | 7       |                        |            |           |              |                         |           |                        |                  |
|           | -          |                             |                | 10      |                        |            |           |              |                         |           |                        |                  |
|           |            |                             |                | 8       |                        |            |           |              |                         |           |                        |                  |
| -4.0      | - 4<br>0   |                             |                |         |                        |            |           |              |                         |           |                        |                  |
| -         | _          |                             |                |         |                        |            |           |              |                         |           |                        |                  |
|           | -          |                             |                |         |                        |            |           |              |                         |           |                        |                  |
| -4.5      | - 4        |                             |                |         |                        |            |           |              |                         |           |                        |                  |
|           | <u> </u>   |                             |                |         |                        |            |           |              |                         |           |                        |                  |
| -         | -          |                             |                |         |                        |            |           |              |                         |           |                        |                  |
|           | -          |                             |                |         |                        |            |           |              |                         |           |                        |                  |
| REN       | //ARK      | (S                          |                |         |                        |            |           |              |                         | SY        | MBOLS                  |                  |
|           |            |                             |                |         |                        |            |           |              |                         |           | Standing Water Level   |                  |
|           |            |                             |                |         |                        |            |           |              |                         |           | }- Out flow<br>In flow |                  |
|           |            |                             |                |         |                        |            |           | RL           | CL                      |           |                        |                  |
|           |            |                             |                | 8       | 3/308 QUEEN            | I ST EAST, | HASTINGS  | PO BOX 28    | 3057, HAVELO            | OCK NORT  | TH 4130   NEW ZEALAND  |                  |
|           |            |                             |                |         |                        |            | rn: +64 6 | 0 0 / / 1052 | Emai <b>l</b> : info@rd | ici.co.nz |                        |                  |



DCP9.33

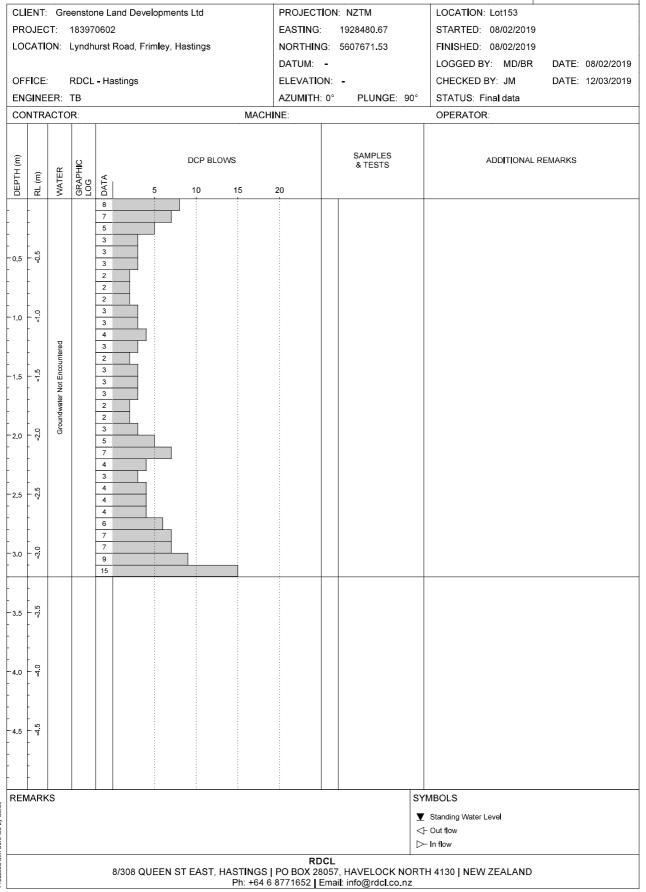
**SHEET 33 OF 84** 





**DCP9.34** 

**SHEET 34 OF 84** 





DCP9.35

SHEET 35 OF 84

|           |  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      | SHEET   | 35 OF 84   |  |
|-----------|--|---|----------------|---------------|-----------------------|--------|----------|----------|--------------------|---------------|---------------------|------------------|----------------------|---------|------------|--|
| CLI       | ENT:   | Gre                                     | ensto          | ne L          | and Develop           | ment   | s Ltd    |          | PROJEC             | Γ <b>Ι</b> ΟΝ | : NZTM              |                  | LOCATION: Lot154     |         |            |  |
|           |  |   | 18397          |               |                       |        |          |          | EASTING            |               | 1928492.12          |                  | STARTED: 08/02/2019  |         |            |  |
| LOC       | CATIO  | ON:                                     | Lyndh          | urst          | Road, Frim <b>l</b> e | еу, На | astings  |          | NORTHIN            | IG:           | 5607678.18          |                  | FINISHED: 08/02/2019 |         |            |  |
|           |  |   |                |               |                       |        |          |          | DATUM:             | -             |                     |                  | LOGGED BY: MD/BR     | DATE:   | 08/02/2019 |  |
| OFF       | FICE:  |   | RDCL           | . <b>-</b> Ha | astings               |        |          |          | ELEVATI            | :NC           | -                   |                  | CHECKED BY: JM       | DATE:   | 12/03/2019 |  |
| ENG       | GINE   | ER:                                     | ТВ             |               |                       |        |          |          | AZUMITH            | l: 0°         | PLUNGE: 9           | 90°              | STATUS: Final data   |         |            |  |
| COI       | NTRA   | ACTO                                    | R:             |               |                       |        |          | MAC      | HINE:              |               |                     |                  | OPERATOR:            |         |            |  |
|           |  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| (1        |  |   |                |               |                       |        | DOD DI C |          |                    |               | SAMPLES             |                  | ADDITIONAL           | DEMARKO |            |  |
| Ή (m      | <u> </u>   | 2                                       | 문              |               |                       |        | DCP BLC  | )VVS     |                    |               | & TESTS             |                  | ADD <b>I</b> TIONAL  | REMARKS |            |  |
| DEPTH (m) | RL (m)   | WATER                                   | GRAPHIC<br>LOG | DATA          | 5                     |        | 10       | 15       | 20                 |               |                     |                  |                      |         |            |  |
|           |  |   |                | 5             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| _         | -  |   |                | 6             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| _         | -  |   |                | 3             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -0.5      | 0.5  |   |                | 3             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | - '  |   |                | 3             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
|           | -  |   |                | 2             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                | 2             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -1.0<br>- | - 4  |   |                | 2             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | _  | əred                                    |                | 2             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | No.  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -1.5      | Page   Not   Pag |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         |  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  | 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | - 0  | Grou                                    |                | 3             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -2.0<br>- | -2.0   |   |                | 6             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| _         | -  |   |                | 5             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                | 3             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -2.5      | -2.5   |   |                | 5             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                | 5             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
|           | -  |   |                | 6             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | - 0  |   |                | 7             |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -3.0      | - %<br>- %   |   |                | 16            |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -3.5      | 3.5  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | _  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | - 0  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -4.0<br>- | - 4<br>0   |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -4.5      | - 4.5  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | ŀ  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         | -  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| -         |  |   |                |               |                       |        |          |          |                    |               |                     |                  |                      |         |            |  |
| REM       | /IARK  | (S                                      | 1              | 1             |                       |        | •        | •        |                    | -             |                     | SYI              | MBOLS                |         |            |  |
|           |  |   |                |               |                       |        |          |          |                    |               |                     | ▼                | Standing Water Level |         |            |  |
|           |  |   |                |               |                       |        |          |          |                    |               |                     |                  | Out flow             |         |            |  |
|           |  |   |                |               |                       |        |          |          |                    |               |                     | $\triangleright$ | In flow              |         |            |  |
|           |  |   |                |               | 8/308 01155           | בא פב  | ΓΕΔΩΤΙ   | HASTINGS | RI<br>S I PO BOY 2 | OCL<br>8057   | HAVELOCK NO         | JETI             | H 4130   NEW ZEALAND |         |            |  |
|           |  |   |                |               | 5,555 QULL            | , 0    | 01,1     | Ph: +64  | 6 8771652 <b> </b> | Ema           | il: info@rdcl.co.n: | Z                |                      |         |            |  |



DCP9.36

SHEET 36 OF 84

| CLIENT: Greenstone Land Developments Ltd    |   |                             |                |        |   |        |     | PROJECTION: NZTM    |                        |           | LOCATION: Lot154              | OFFICE TOO OF 04 |  |
|---|---|-----------------------------|----------------|--------|---|--------|-----|---------------------|------------------------|-----------|-------------------------------|------------------|--|
| PROJECT: 183970602                          |   |                             |                |        |   |        |     | EASTING: 1928482.42 |                        |           | STARTED: 08/02/2019           |                  |  |
| LOCATION: Lyndhurst Road, Frimley, Hastings |   |                             |                |        |   |        |     | NORTHIN             | G: 5607690 <b>.</b> 27 |           | FINISHED: 08/02/2019          |                  |  |
|   |   |                             |                |        |   |        |     | DATUM:              |                        |           | LOGGED BY: MD/BR              | DATE: 08/02/2019 |  |
|   | OFFICE: RDCL - Hastings   |                             |                |        |   |        |     |                     | DN: -                  |           | CHECKED BY: JM                | DATE: 12/03/2019 |  |
|   | ENGINEER: TB  |                             |                |        |   |        |     |                     | : 0° PLUNGE:           | 90°       | STATUS: Final data            |                  |  |
| CONTRACTOR: MACHINE:                        |   |                             |                |        |   |        |     |                     |                        | OPERATOR: |                               |                  |  |
|   |   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| Œ   |   |                             | GRAPHIC<br>LOG |        |   | DCP BL | ows |                     | SAMPLES<br>& TESTS     |           | ADDITIONAL REMARKS            |                  |  |
| DEPTH (m)                                   | RL (m)  | WATER                       |                | DATA   | _ | 10 15  |     |                     |                        |           |                               |                  |  |
| ă   | 굽   | 3                           | 97             | 9      | 5 | 10     | 15  | 20                  |                        |           |                               |                  |  |
|   | -   |                             |                | 10     |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   |                             |                | 5<br>3 |   |        |     |                     |                        |           |                               |                  |  |
| -0.5  | - 0.5   |                             |                | 2      |   |        |     |                     |                        |           |                               |                  |  |
| -   | - '   |                             |                | 1      | 7 |        |     |                     |                        |           |                               |                  |  |
| -   |   |                             |                | 2      |   |        |     |                     |                        |           |                               |                  |  |
|   | - 4-  |                             |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -1.0<br>-                                   | - 7   |                             |                | 2      |   |        |     |                     |                        |           |                               |                  |  |
|   | -   |                             |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -   | - 2   |                             |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -1.5<br>-                                   | -1.5  | pə.                         |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   | ounter                      |                | 4      |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   | Groundwater Not Encountered |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -2.0  | -2.0  | ater No                     |                | 4      |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   | ewpun                       |                | 5      |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   | Gro                         |                | 3      |   |        |     |                     |                        |           |                               |                  |  |
| -2.5  | 2.5   |                             |                | 6      |   |        |     |                     |                        |           |                               |                  |  |
|   | -   |                             |                | 6      |   | _      |     |                     |                        |           |                               |                  |  |
| _   | _   |                             |                | 8      |   | -      |     |                     |                        |           |                               |                  |  |
| -3.0  | -3.0  |                             |                | 11     |   |        |     |                     |                        |           |                               |                  |  |
| -   | - 1   |                             |                | 7      |   | -      |     |                     |                        |           |                               |                  |  |
| -   | -   |                             |                | 7      |   |        |     |                     |                        |           |                               |                  |  |
| -   | 3.5   |                             |                | 7<br>6 |   |        |     |                     |                        |           |                               |                  |  |
| -3.5<br>-                                   | - m<br>-  |                             |                | 6      |   | ,      |     |                     |                        |           |                               |                  |  |
| _   | -   |                             |                | 7      |   |        | _   |                     |                        |           |                               |                  |  |
|   |   |                             |                | 13     |   |        |     |                     |                        |           |                               |                  |  |
| -4.0<br>-                                   | - 4<br>0  |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| -   | _   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
|   | -   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| -4.5  | - 4   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| -   | <u> </u>  |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| -   | -   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| _   |   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
| REN   | /IARK   | RKS                         |                |        |   |        |     |                     |                        |           | BOLS                          |                  |  |
|   |   |                             |                |        |   |        |     |                     |                        |           | Standing Water Level Out flow |                  |  |
|   |   |                             |                |        |   |        |     |                     |                        |           | - Out flow<br>- In flow       |                  |  |
| RDCL  |   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
|   | 8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND<br>Ph: +64 6 8771652   Email: info@rdcl.co.nz |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |
|   |   |                             |                |        |   |        |     |                     |                        |           |                               |                  |  |



DCP9.37

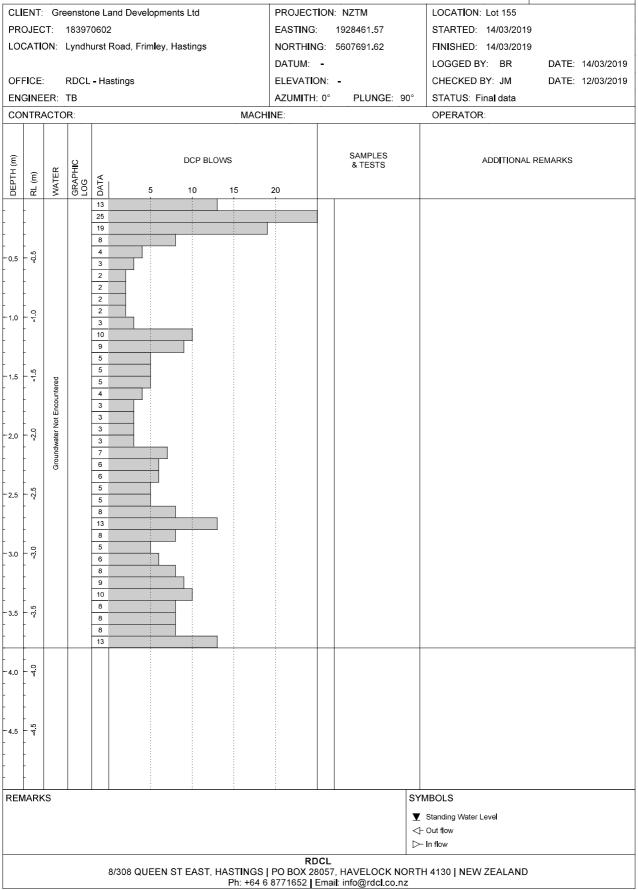
SHEET 37 OF 84

| CLIENT: Greenstone Land Developments Ltd  |              |                   |                |                           |               |        |                     | PROJECTION: NZTM     |           |            |                                 | LOCATION: Lot 155    |  |
|---|--------------|-------------------|----------------|---------------------------|---------------|--------|---------------------|----------------------|-----------|------------|---------------------------------|----------------------|--|
| PR  | T:           | 18397             | 0602           | 2                         |               |        | EASTING: 1928473.83 |                      |           |            | STARTED: 14/03/2019             |                      |  |
| LO  | ON:          | Lyndh             | urst           | Road, Frim <b>l</b> ey, H | astings       |        | NORTHIN             | NORTHING: 5607696.65 |           |            | FINISHED: 14/03/2019            |                      |  |
| DATUM: - LOGGED BY: BR  |              |                   |                |                           |               |        |                     |                      |           |            | LOGGED BY: BR DATE: 14/03/2019  |                      |  |
| OF  |              | RDCL              | - Ha           | astings                   |               |        | ELEVATION           | ON:                  | -         |            | CHECKED BY: JM DATE: 12/03/2019 |                      |  |
| EN  | ER:          | ТВ                |                |                           |               |        | AZUMITH             | : 0°                 | PLUNGE: 9 | 0°         | STATUS: Final data              |                      |  |
| СО  | СТО          | R:                |                |                           |               | MAC    | HINE:               | INE:                 |           |            | OPERATOR:                       |                      |  |
|   |              |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| <u>-</u>  |              |                   |                |                           |               | DCP BL | OME                 |                      | SAMPLES   |            |                                 | ADDITIONAL REMARKS   |  |
| DEPTH (m)   |              | ter Not End WATER | GRAPHIC<br>LOG | 4                         |               | DOF BL | OVVS                |                      | & TESTS   |            |                                 |                      |  |
|   |              |                   |                | Y                         |               |        |                     | 20                   | 20        |            |                                 |                      |  |
| _   | -            | t En              |                | 13                        |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            | ter No            |                | 15<br>25                  |               |        |                     |                      | l         |            |                                 |                      |  |
| _   | _            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -0.5  | - 0          |                   |                |                           | Double bounce |        |                     |                      |           |            |                                 |                      |  |
| _   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | _            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -<br>1.0  | - 6          |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| _   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | - 12         |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| 1.5<br>-  | - 1-         |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
|   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -2.0  | - 5.0        |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
|   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -<br>-2.5   | 2.5          |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
|   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -3.0<br>-3.0 |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -3.0<br>-   | - Y          |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| _   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   |              |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -3.5  | - 35         |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -4.0  | - 4          |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| _   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -<br>4.5  | - 4          |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   | -            |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| -   |              |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |
| REMARKS   |              |                   |                |                           |               |        |                     |                      |           |            | SYMBOLS                         |                      |  |
|   |              |                   |                |                           |               |        |                     |                      |           |            | •                               | Standing Water Level |  |
|   |              |                   |                |                           |               |        |                     |                      |           |            |                                 | Out flow             |  |
|   |              |                   |                |                           |               |        |                     | DE                   | ) C !     | ├─ In flow |                                 |                      |  |
| RDCL<br>8/308 QUEEN ST EAST, HASTINGS   PO BOX 28057, HAVELOCK NORTH 4130   NEW ZEALAND<br>Ph: +64 6 8771652   Email: info@rdcl.co.nz |              |                   |                |                           |               |        |                     |                      |           |            |                                 |                      |  |



**DCP9.38** 

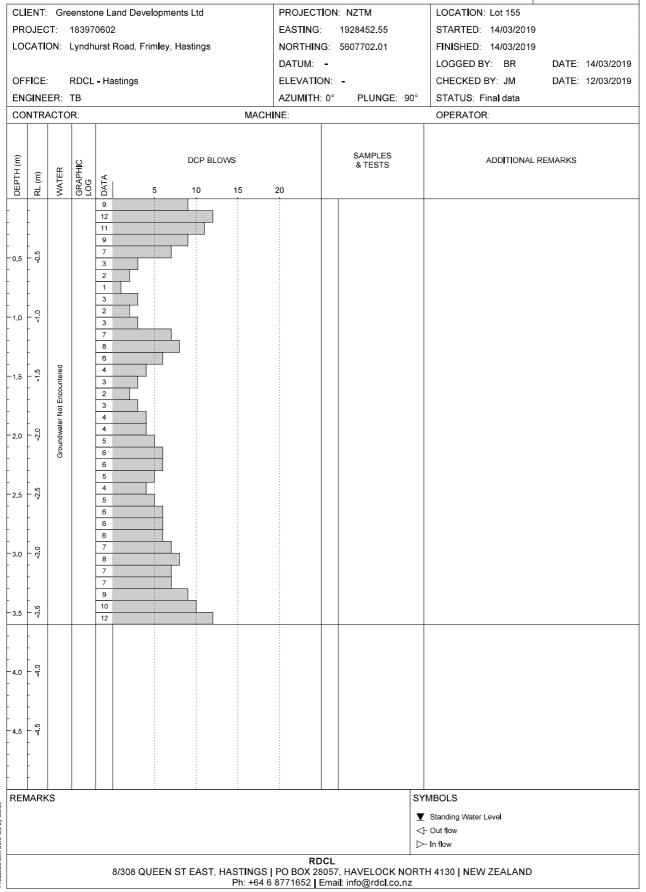
**SHEET 38 OF 84** 





**DCP9.39** 

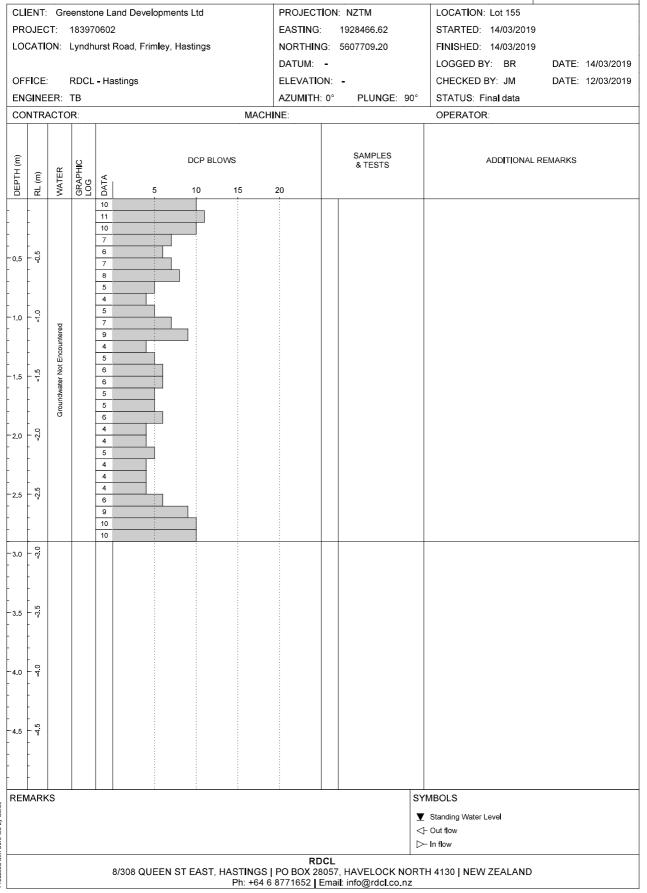
**SHEET 39 OF 84** 





**DCP9.40** 

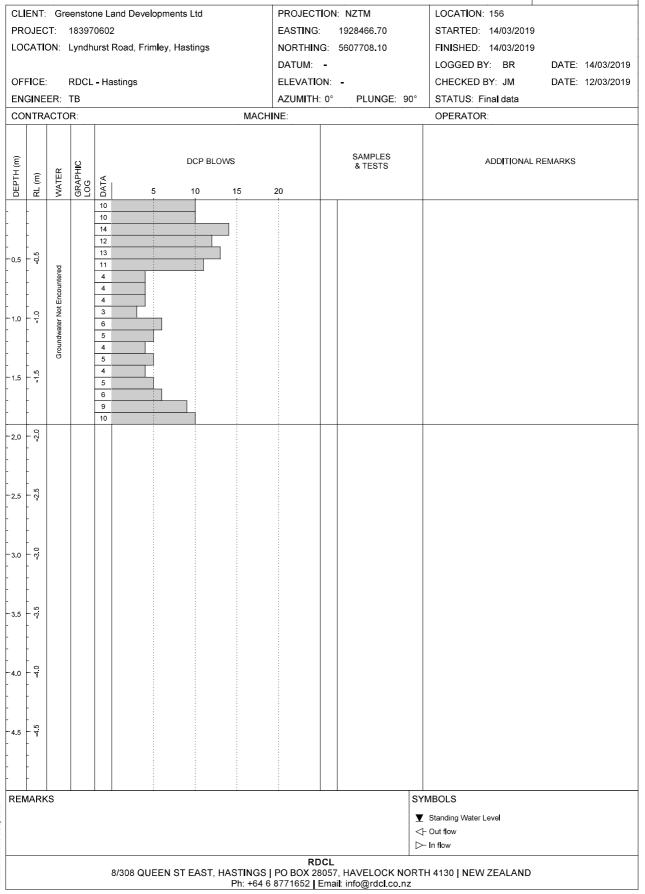
**SHEET 40 OF 84** 





**DCP9.41** 

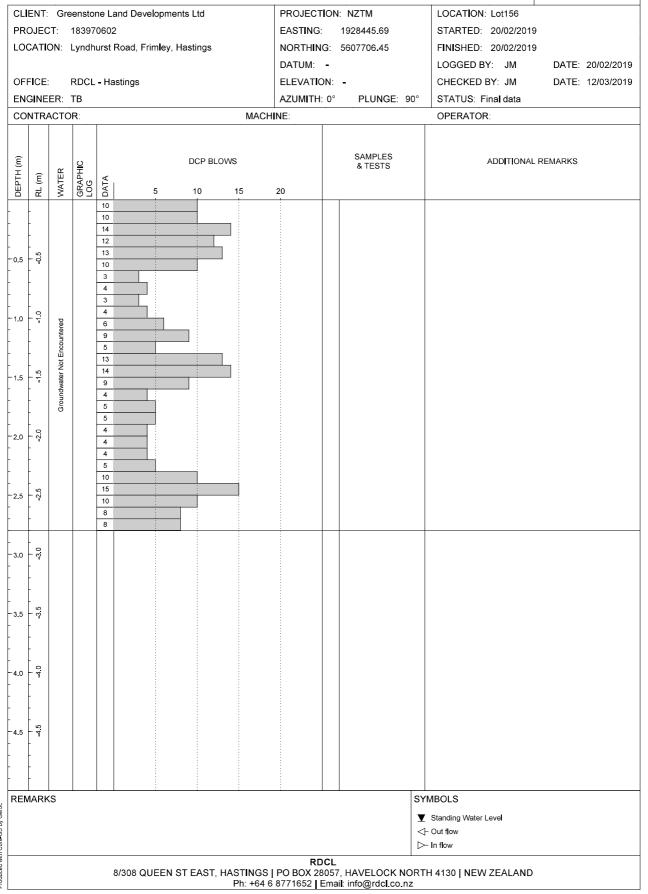
**SHEET 41 OF 84** 





**DCP9.42** 

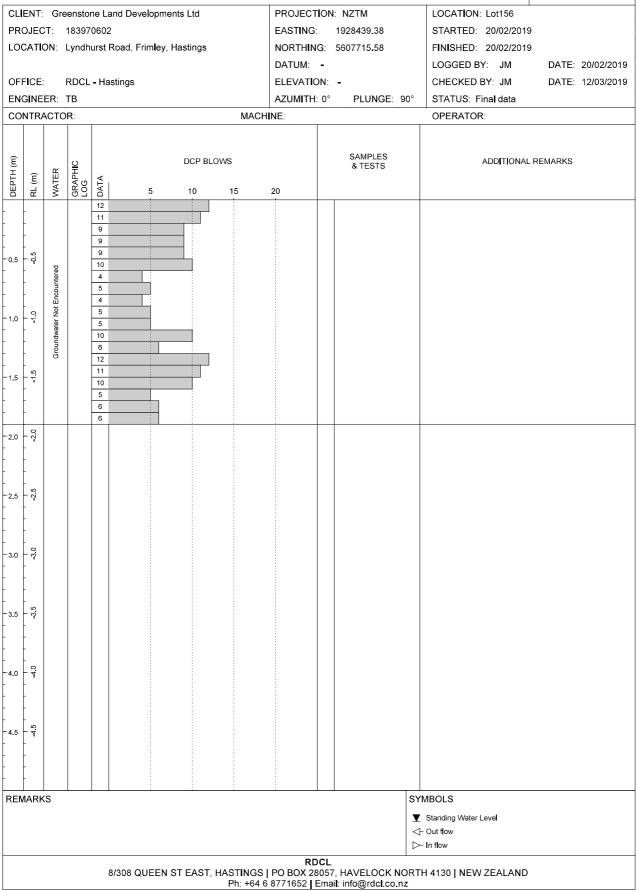
**SHEET 42 OF 84** 





**DCP9.43** 

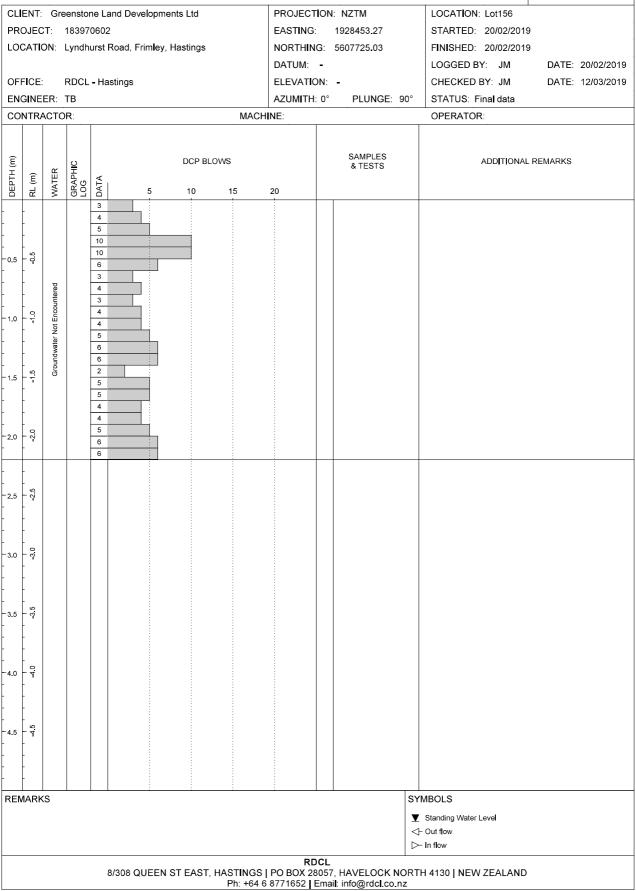
**SHEET 43 OF 84** 





**DCP9.44** 

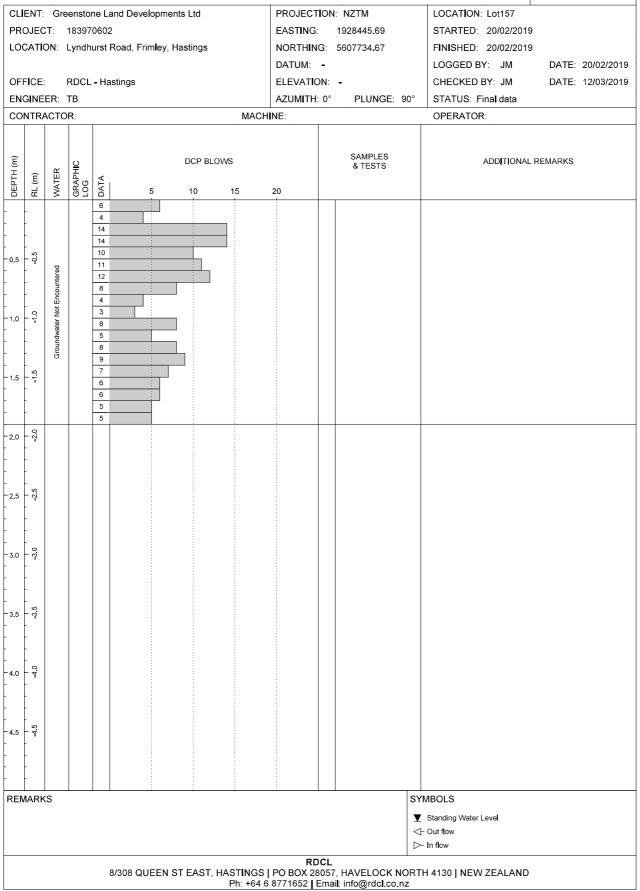
**SHEET 44 OF 84** 





**DCP9.45** 

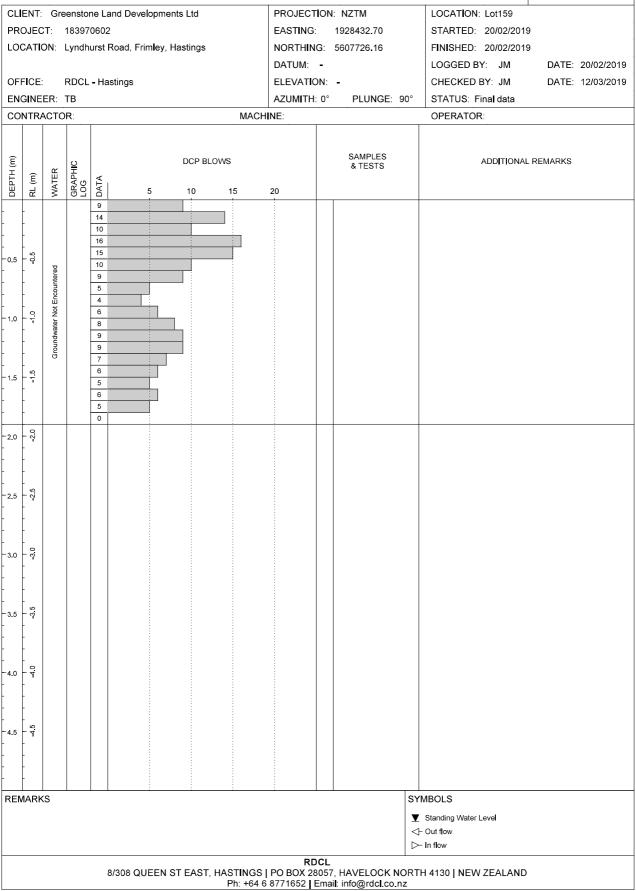
**SHEET 45 OF 84** 





**DCP9.46** 

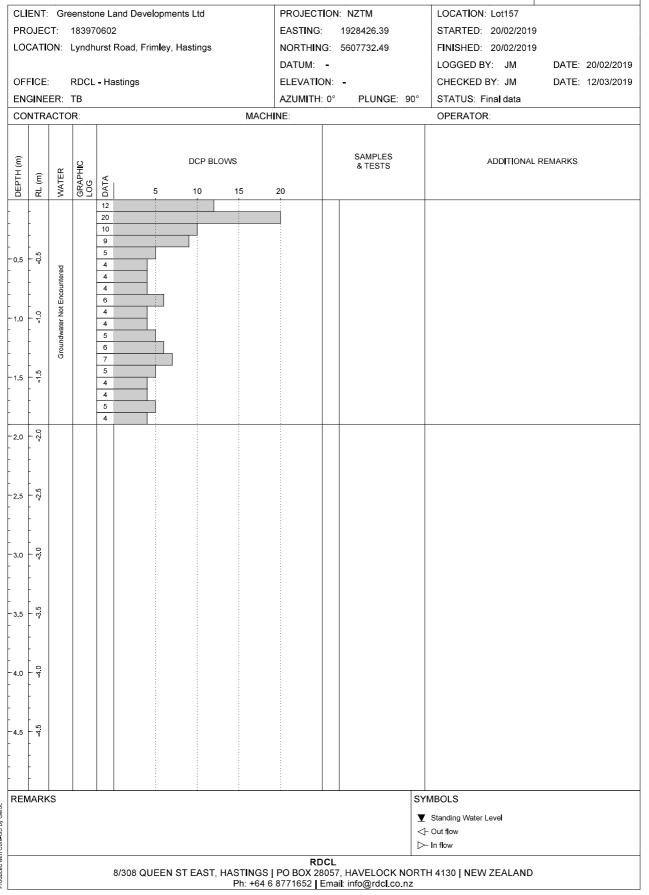
**SHEET 46 OF 84** 





**DCP9.47** 

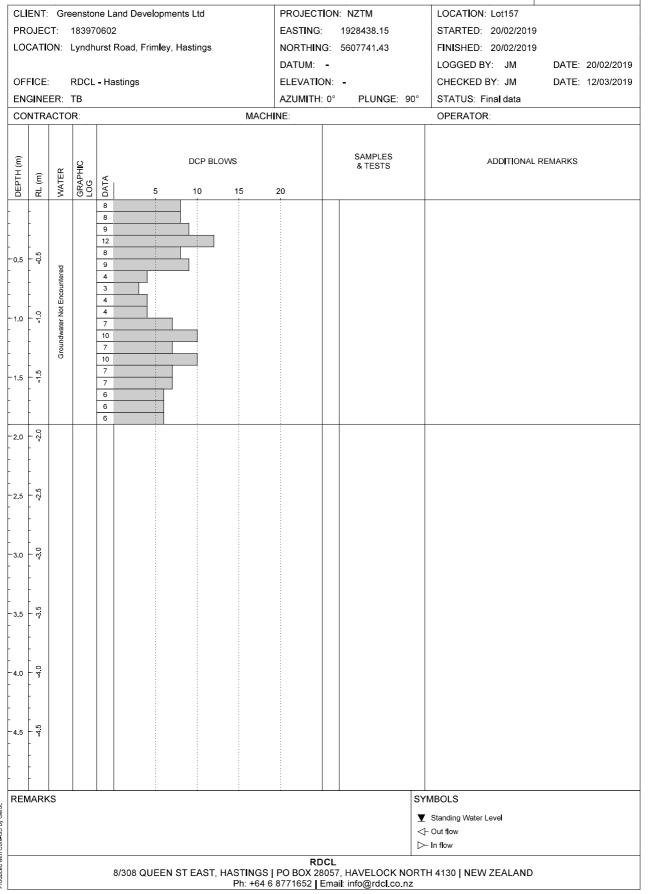
**SHEET 47 OF 84** 





**DCP9.48** 

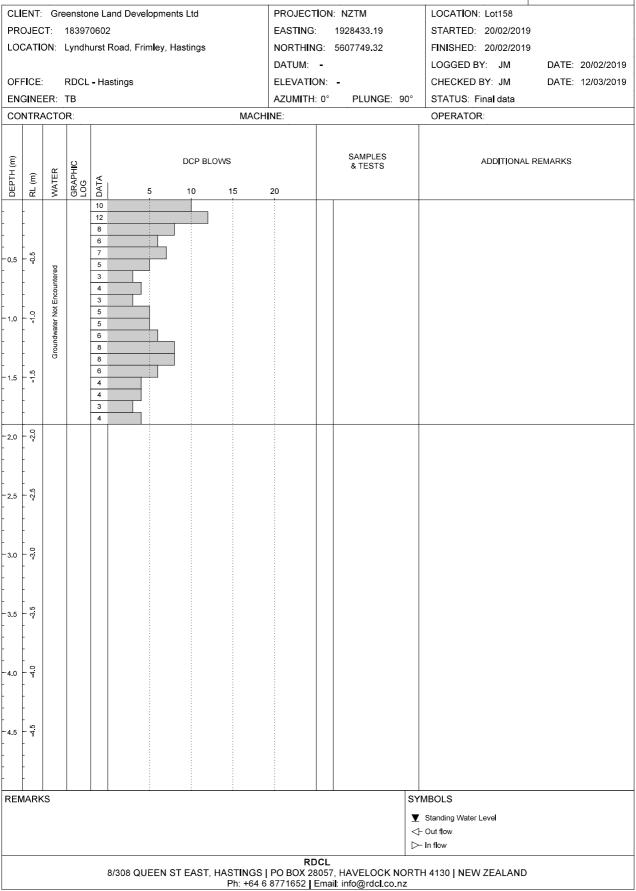
**SHEET 48 OF 84** 





**DCP9.49** 

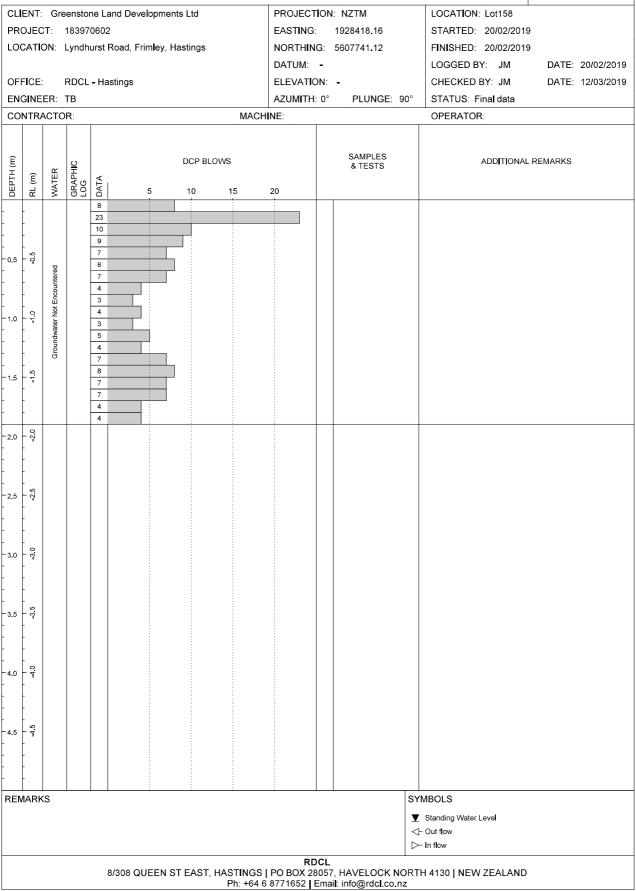
**SHEET 49 OF 84** 





**DCP9.50** 

**SHEET 50 OF 84** 





**DCP9.51** 

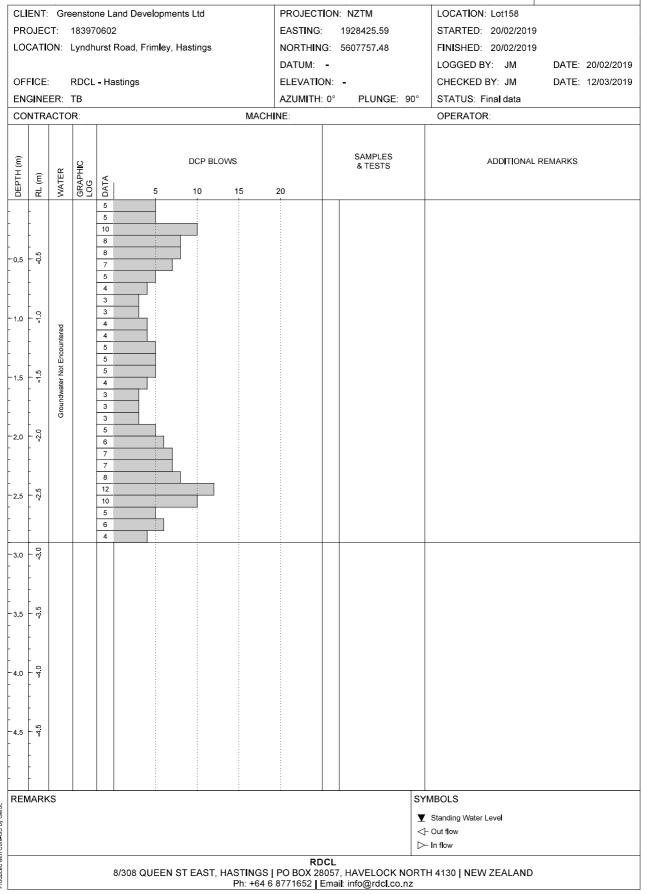
**SHEET 51 OF 84** 

PROJECTION: NZTM LOCATION: Lot158 CLIENT: Greenstone Land Developments Ltd STARTED: 20/02/2019 PROJECT: 183970602 EASTING: 1928409.75 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607747.86 FINISHED: 20/02/2019 DATUM: -LOGGED BY: JM DATE: 20/02/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE: OPERATOR: SAMPLES & TESTS GRAPHIC LOG DATA DCP BLOWS ADDITIONAL REMARKS WATER RL (m) 10 15 20 5 0.5 0.5 5 Groundwater Not Encountered 6 6 5 4 5 10 1.0 5 3 5 1.5 5 4 5.0 -20 2 5 -2.5 3.0 3.0 35 3.5 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



**DCP9.52** 

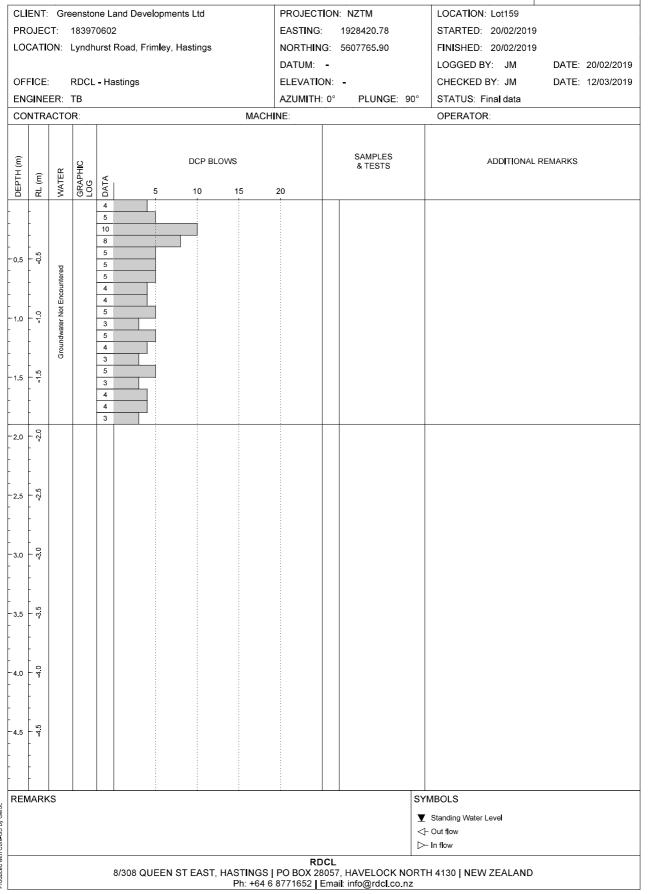
**SHEET 52 OF 84** 





**DCP9.53** 

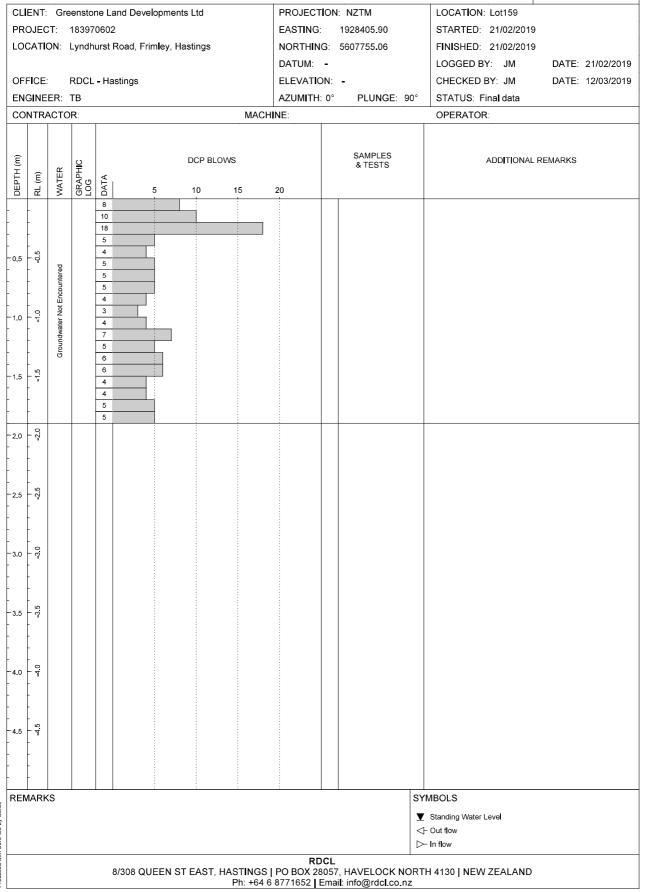
**SHEET 53 OF 84** 





**DCP9.54** 

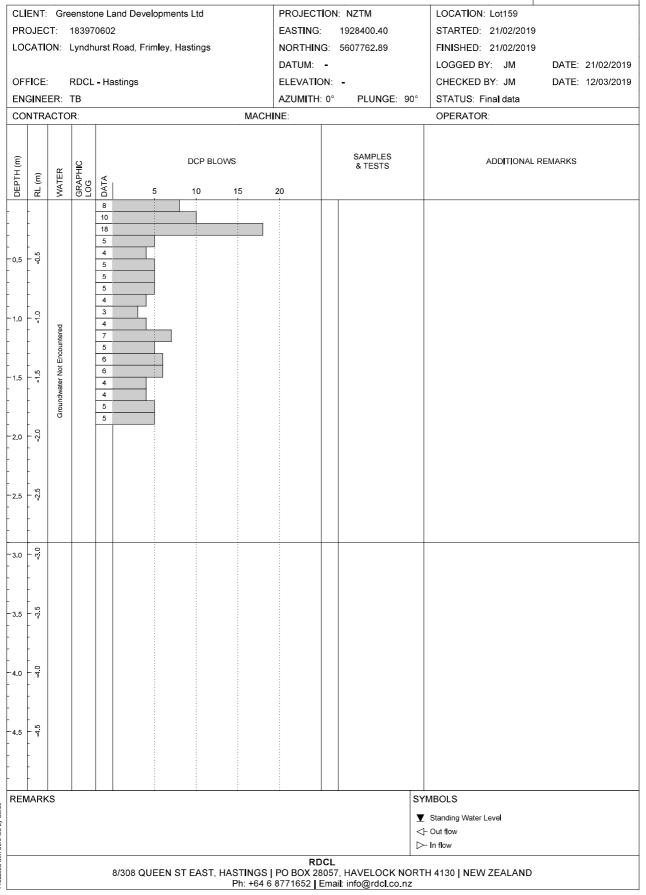
**SHEET 54 OF 84** 





**DCP9.55** 

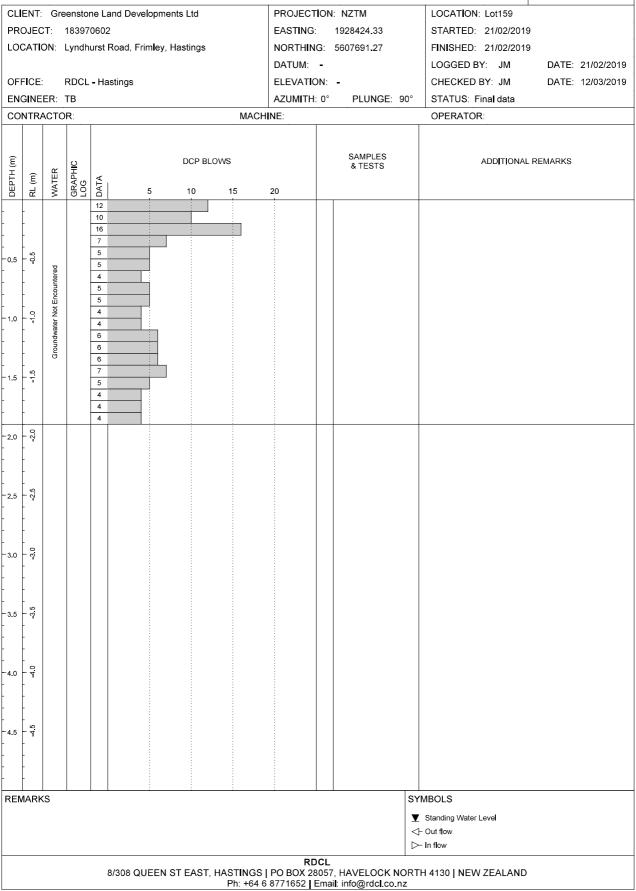
**SHEET 55 OF 84** 





**DCP9.56** 

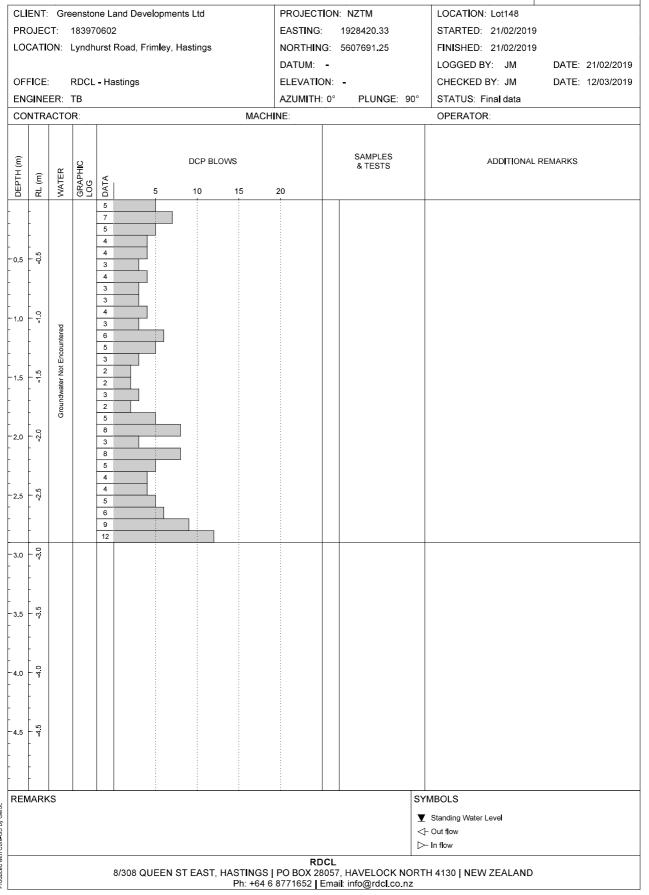
**SHEET 56 OF 84** 





**DCP9.57** 

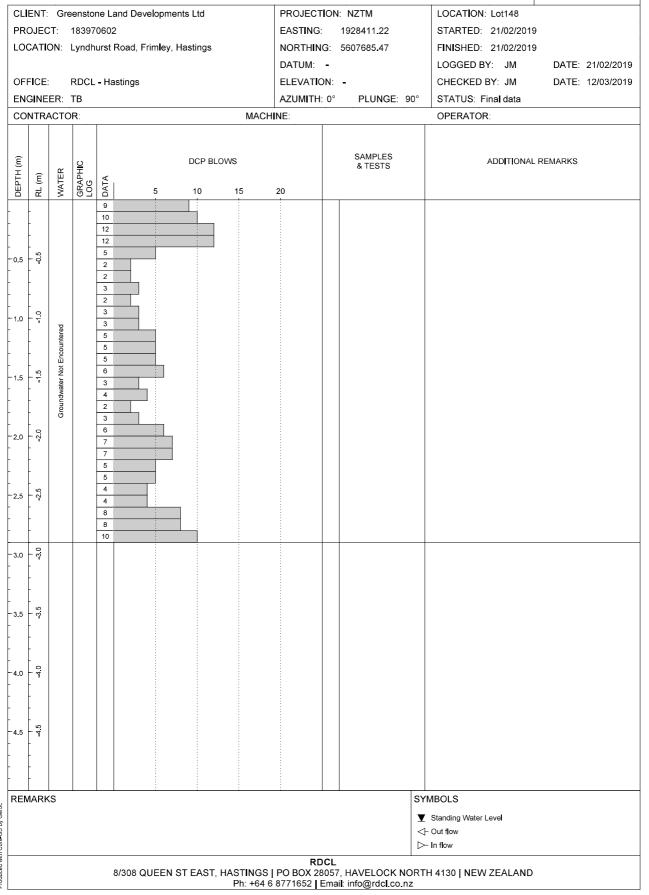
**SHEET 57 OF 84** 





**DCP9.58** 

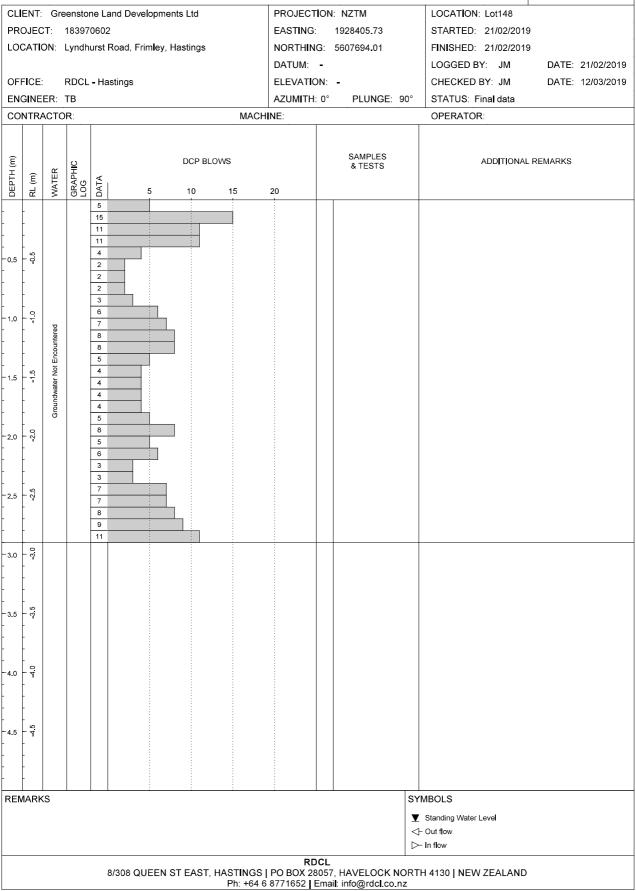
**SHEET 58 OF 84** 





**DCP9.59** 

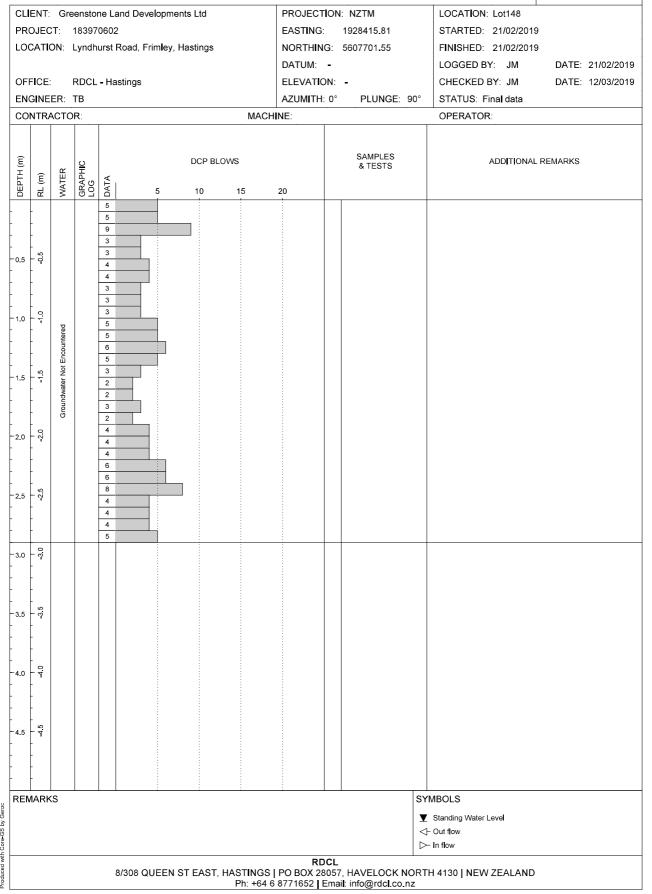
**SHEET 59 OF 84** 





**DCP9.60** 

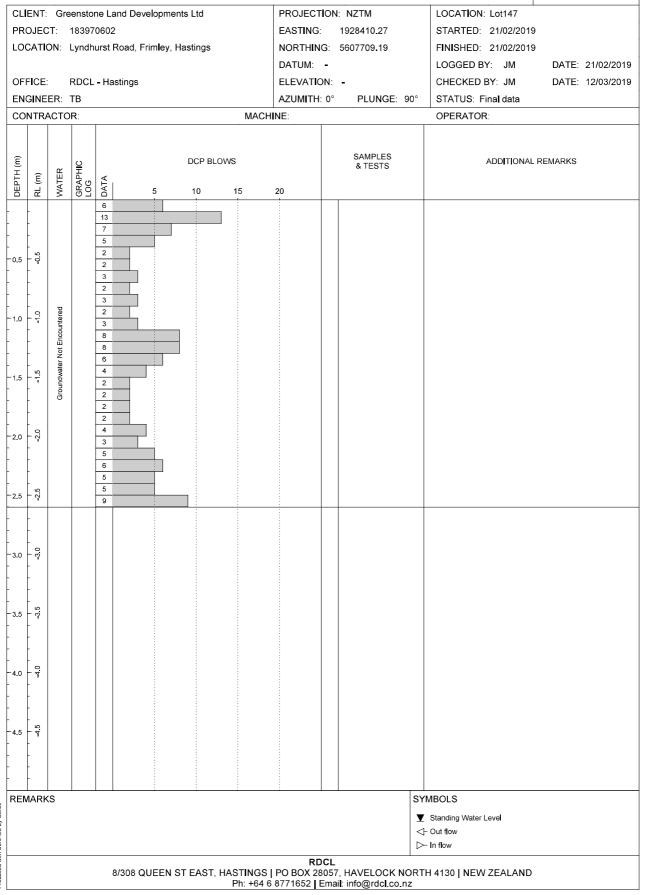
**SHEET 60 OF 84** 





**DCP9.61** 

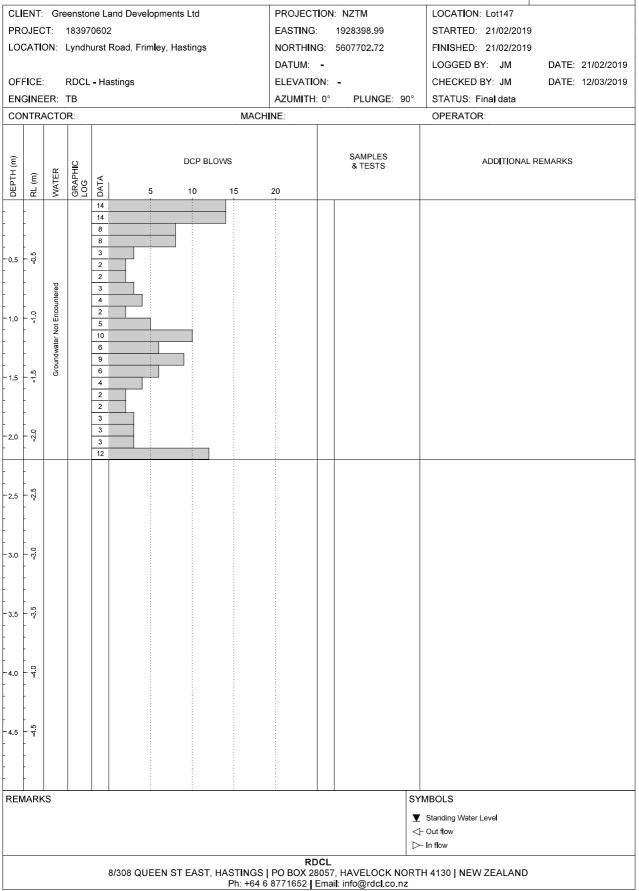
**SHEET 61 OF 84** 





**DCP9.62** 

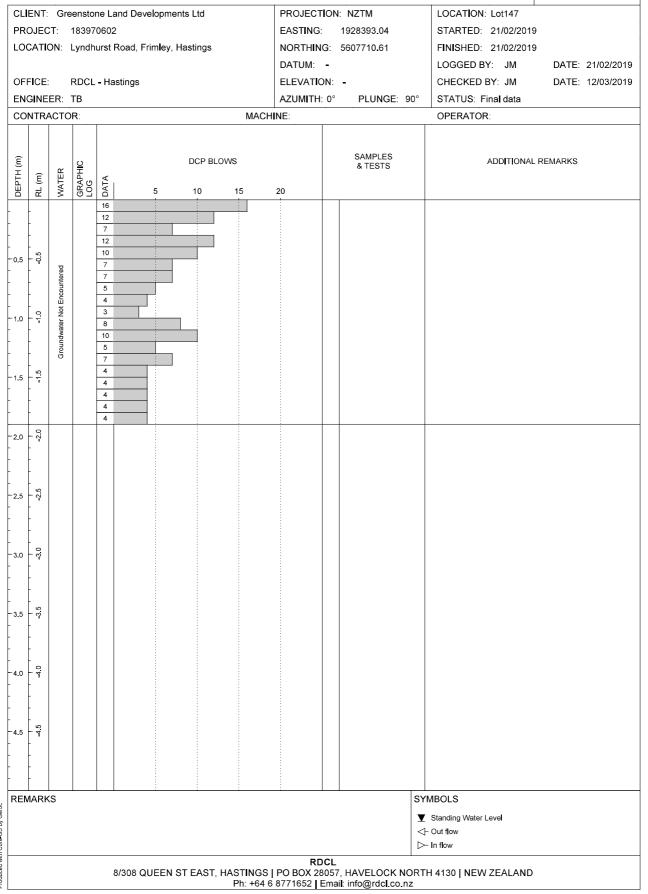
**SHEET 62 OF 84** 





**DCP9.63** 

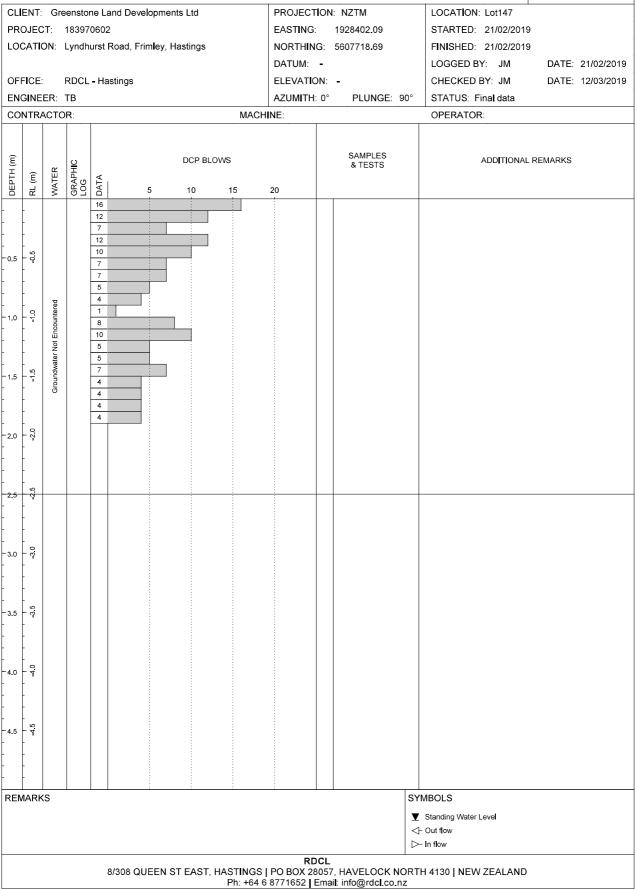
**SHEET 63 OF 84** 





**DCP9.64** 

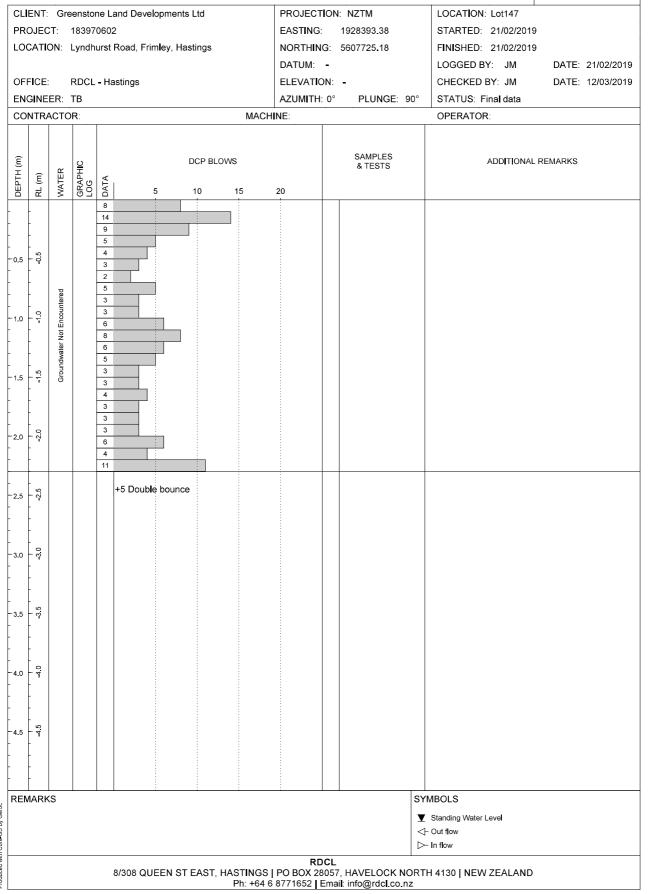
**SHEET 64 OF 84** 





**DCP9.65** 

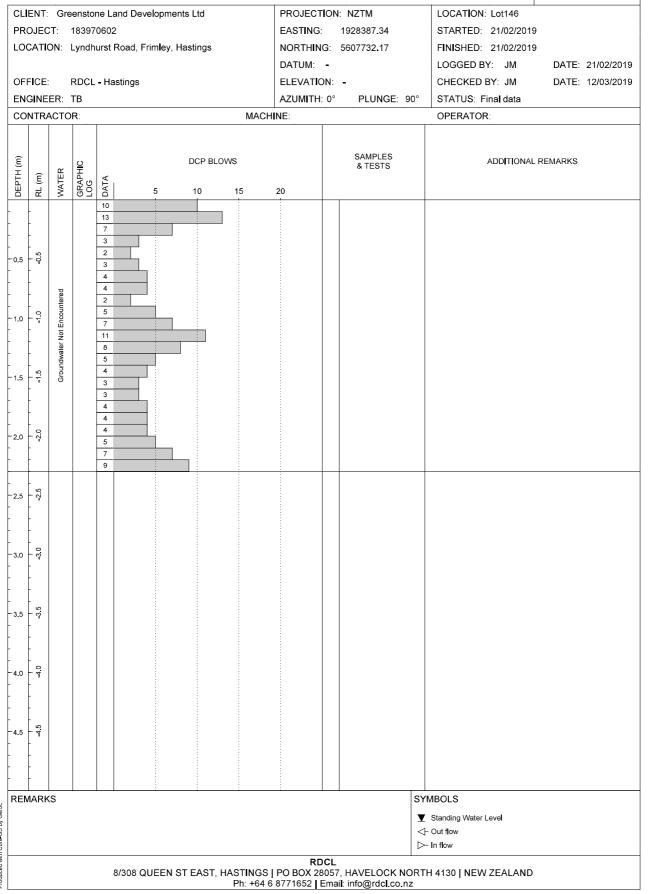
**SHEET 65 OF 84** 





**DCP9.66** 

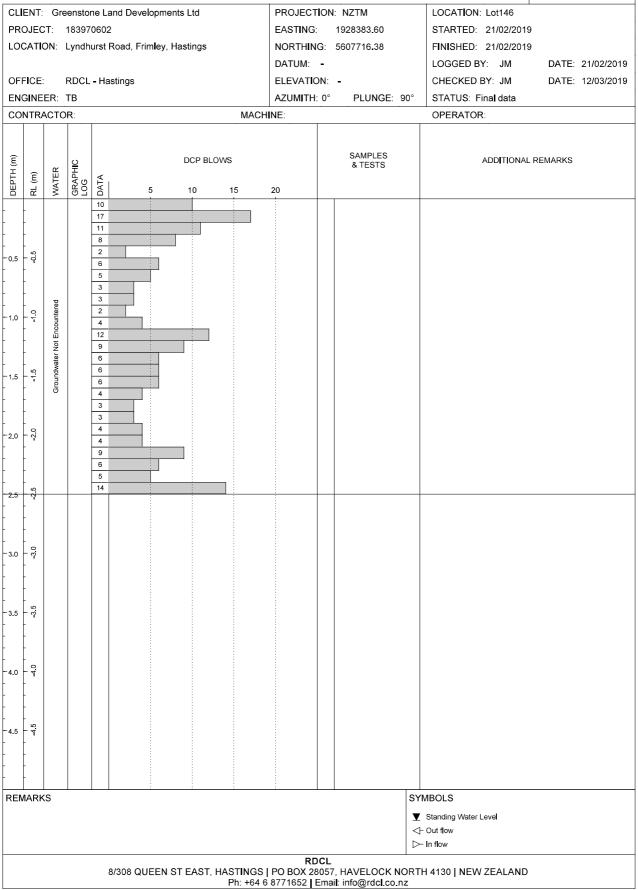
**SHEET 66 OF 84** 





**DCP9.67** 

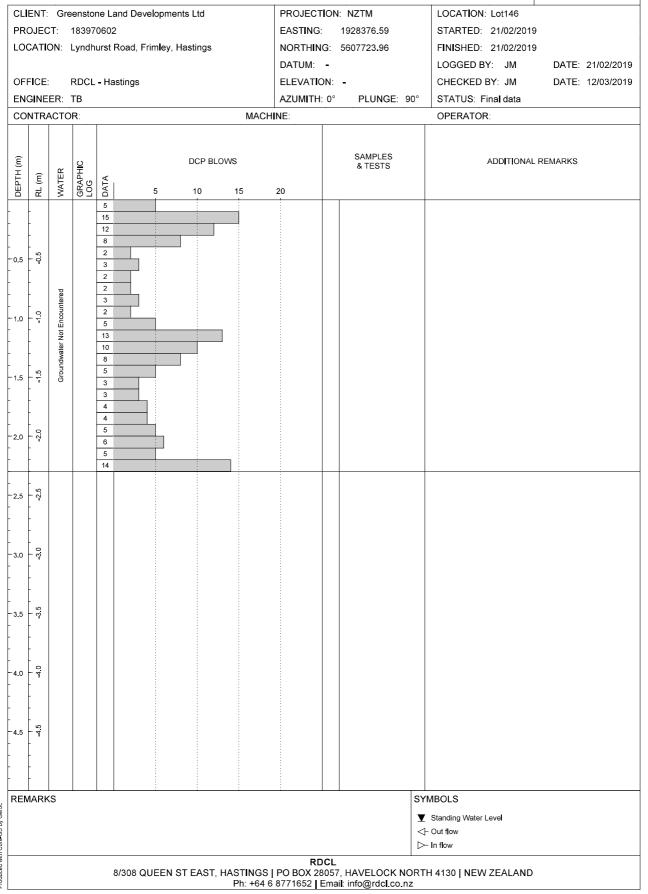
**SHEET 67 OF 84** 





**DCP9.68** 

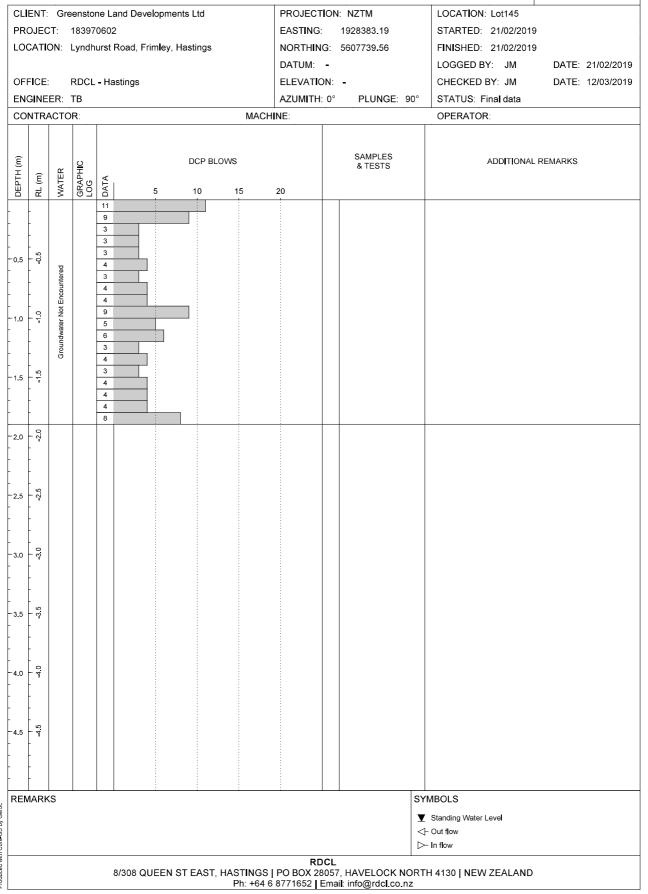
**SHEET 68 OF 84** 





**DCP9.69** 

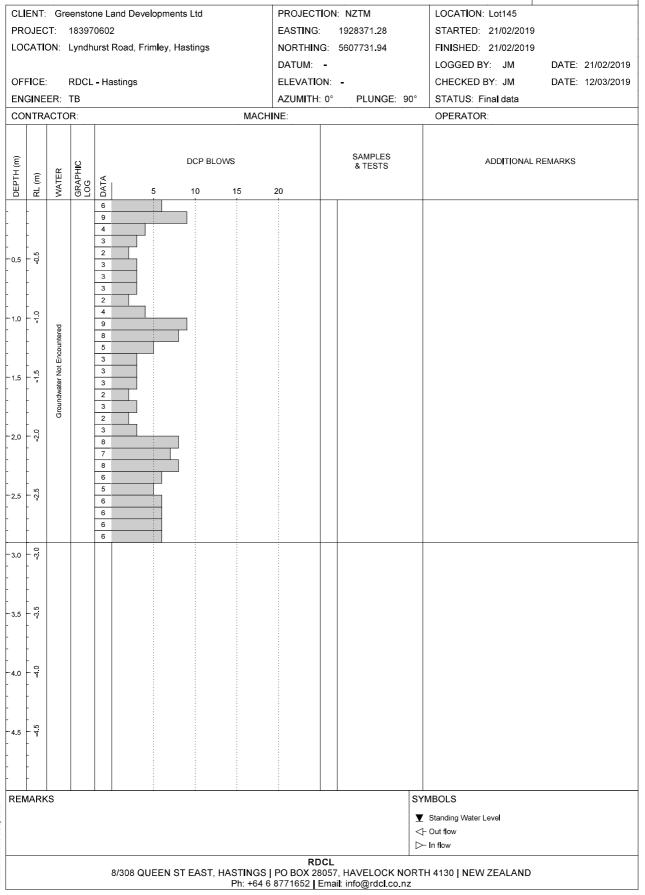
**SHEET 69 OF 84** 





**DCP9.70** 

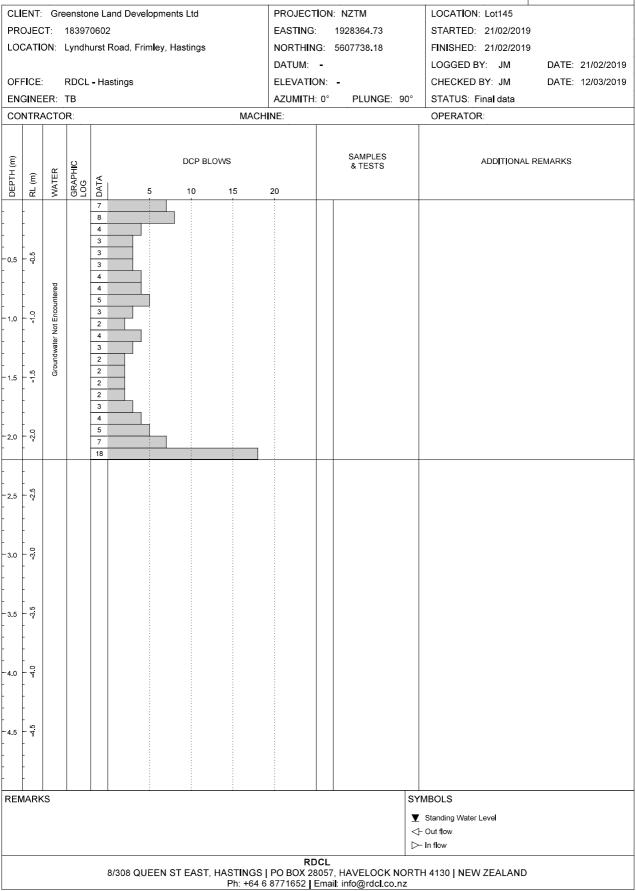
**SHEET 70 OF 84** 





**DCP9.71** 

**SHEET 71 OF 84** 





DCP9.72

SHEET 72 OF 84

| CLIENT: Greenstone Land Developments Ltd PROJECT: 183970602 |            |                             |                |         |                         |          |          | PROJEC    |                     |                    |      | LOCATION: Lot145                |
|---|------------|-----------------------------|----------------|---------|-------------------------|----------|----------|-----------|---------------------|--------------------|------|---------------------------------|
|   |            |                             |                |         |                         |          |          | EASTING   |                     | 1928375.83         |      | STARTED: 21/02/2019             |
| LO  | CATI       | ON:                         | Lyndh          | urst    | Road, Frim <b>l</b> ey, | Hastings |          |           |                     | 5607747.57         |      | FINISHED: 21/02/2019            |
|   |            |                             |                |         |                         |          |          | DATUM:    |                     |                    |      | LOGGED BY: JM DATE: 21/02/2019  |
|   | FICE:      |                             |                | - Ha    | astings                 |          |          | ELEVATION |                     |                    |      | CHECKED BY: JM DATE: 12/03/2019 |
|   |            | ER:                         |                |         |                         |          |          | AZUMITH   | : 0°                | PLUNGE: 9          | 90°  | STATUS: Final data              |
| CO  | NIRA       | ACTO                        | R:             |         |                         |          | MACI     | HINE:     |                     |                    |      | OPERATOR:                       |
|   |            |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| Ê   |            |                             | <u>0</u>       |         |                         | DCP BL   | ows      |           |                     | SAMPLES<br>& TESTS |      | ADDITIONAL REMARKS              |
| DEРТН (m)   | RL (m)     | WATER                       | GRAPHIC<br>LOG | DATA    | I.                      |          |          |           |                     |                    |      |                                 |
|   | 굽          | ≯                           | R 0            |         | 5                       | 10       | 15<br>:  | 20        |                     | T                  |      |                                 |
| -   | -          |                             |                | 2       | _                       |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                | 2       |                         |          |          |           |                     |                    |      |                                 |
| -   | - 0.5      |                             |                | 2       |                         |          |          |           |                     |                    |      |                                 |
| -0.5<br>-   | - 우<br>-   |                             |                | 2       |                         |          |          |           |                     |                    |      |                                 |
| -   | -          | red                         |                | 3       |                         |          |          |           |                     |                    |      |                                 |
| -   | F _        | Groundwater Not Encountered |                | 7       |                         |          |          |           |                     |                    |      |                                 |
| -1.0  | - 6        | ot Enc                      |                | 7       |                         |          |          |           |                     |                    |      |                                 |
|   | -          | ater N                      |                | 6<br>5  |                         |          |          |           |                     |                    |      |                                 |
| -   | -          | mpun                        |                | 6       |                         |          |          |           |                     |                    |      |                                 |
| -1.5  | - 1.5      | G                           |                | 4       |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                | 3       |                         |          |          |           |                     |                    |      |                                 |
|   | -          |                             |                | 3       |                         |          |          |           |                     |                    |      |                                 |
| -   | -2.0       |                             |                | 5       |                         |          |          |           |                     |                    |      |                                 |
| -2.0  | - 7        |                             |                | 5       |                         |          |          |           |                     |                    |      |                                 |
|   |            |                             |                | 6<br>11 |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -2.5  | -2.5       |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | _          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -3.0  | 3.0        |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -<br>دى    |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -3.5<br>-   | - 8<br>- 8 |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
|   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -4.0  | - 4        |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   |            |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -4.5  | - 4.       |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   |            |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | -<br> -    |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| -   | _          |                             |                |         |                         |          |          |           |                     |                    |      |                                 |
| REM   | /IARK      | (S                          |                |         |                         |          | •        |           | -                   |                    | SY   | MBOLS                           |
|   |            |                             |                |         |                         |          |          |           |                     |                    | •    | Standing Water Level            |
|   |            |                             |                |         |                         |          |          |           |                     |                    |      | - Out flow                      |
|   |            |                             |                |         |                         |          |          |           |                     |                    |      | - In flow                       |
|   |            |                             |                |         | 8/308 QUEEN :           | ST EAST, | HASTINGS | PO BOX 2  | 0 <b>CL</b><br>8057 | , HAVELOCK NO      | ORTI | H 4130   NEW ZEALAND            |
|   |            |                             |                |         |                         |          | Ph: +64  | 6 8771652 | Ema                 | il: info@rdcl.co.n | z    |                                 |



DCP9.73

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| CLI       | ENT:                                   | Gre                         | ensto          | ne La         | and Developme             | nts Ltd    |           | PROJEC1   | Γ <b>Ι</b> ΟΝ: | NZTM             | LOCATION: Lot160                  |
|-----------|--|-----------------------------|----------------|---------------|---------------------------|------------|-----------|-----------|----------------|------------------|-----------------------------------|
|           |  |                             | 18397          |               |                           |            |           | EASTING   |                | 1928364.68       | STARTED: 04/03/2019               |
| LO        | CATI                                   | ON:                         | Lyndh          | urst          | Road, Frim <b>l</b> ey, I | Hastings   |           |           |                | 5607787.64       | FINISHED: 04/03/2019              |
|           |  |                             |                |               |                           |            |           | DATUM:    |                |                  | LOGGED BY: BR/JM DATE: 04/03/2019 |
|           | FICE:                                  |                             |                | . <b>-</b> На | astings                   |            |           | ELEVATION |                |                  | CHECKED BY: JM DATE: 12/03/2019   |
|           |  | ER:                         |                |               |                           |            |           | AZUMITH   | : 0°           | PLUNGE: 9        |                                   |
| CO        | NTRA                                   | ACTO                        | PR:            |               |                           |            | MACH      | IINE:     |                |                  | OPERATOR:                         |
| (-        |  |                             |                |               |                           | DCP BLOV   | Ne.       |           |                | SAMPLES          | ADDITIONAL REMARKS                |
| DEPTH (m) | RL (m)                                 | WATER                       | GRAPHIC<br>LOG | DATA          | I                         |            |           |           |                | & TESTS          | / BBITTOWN LINE IN TAKE           |
|           | ద                                      | 3                           | 2              | 1             | 5                         | 10         | 15        | 20        |                |                  |                                   |
|           | -                                      |                             |                | 3             |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                | 5             |                           |            |           |           |                |                  |                                   |
| -0.5      | -0.5                                   |                             |                | 2             |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                | 2             | -                         |            |           |           |                |                  |                                   |
| F         | -                                      |                             |                | 1             |                           |            |           |           |                |                  |                                   |
| -         | - 6                                    |                             |                | 2             | 一                         |            |           |           |                |                  |                                   |
| -1.0      | - 4                                    | red                         |                | 2             |                           |            |           |           |                |                  |                                   |
| -         | _                                      | counte                      |                | 5             |                           |            |           |           |                |                  |                                   |
| F         |  | Groundwater Not Encountered |                | 5             |                           |            |           |           |                |                  |                                   |
| -1.5      | - 4-                                   | ater N                      |                | 3             |                           |            |           |           |                |                  |                                   |
| -         | _                                      | undwi                       |                | 3             |                           |            |           |           |                |                  |                                   |
| -         | -                                      | Gro                         |                | 4             |                           |            |           |           |                |                  |                                   |
| -2.0      | -2.0                                   |                             |                | 3             |                           |            |           |           |                |                  |                                   |
|           | -                                      |                             |                | 3             |                           |            |           |           |                |                  |                                   |
|           | _                                      |                             |                | 7             |                           |            |           |           |                |                  |                                   |
| -2.5      | -2.5                                   |                             |                | 6             |                           |            |           |           |                |                  |                                   |
| - 2.5     | - (7                                   |                             |                | 6<br>5        |                           |            |           |           |                |                  |                                   |
|           | -                                      |                             |                | 4             |                           |            |           |           |                |                  |                                   |
|           |  |                             |                | 5             |                           |            |           |           |                |                  |                                   |
| -3.0      | -3.0                                   |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
|           | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| -3.5      | - 8                                    |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| -4.0      | - 4<br>0                               |                             |                |               |                           |            |           |           |                |                  |                                   |
|           | "                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| <u> </u>  | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | - 2                                    |                             |                |               |                           |            |           |           |                |                  |                                   |
| -4.5<br>- | - 4.                                   |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | -                                      |                             |                |               |                           |            |           |           |                |                  |                                   |
| -         | <u> </u>                               |                             |                |               |                           |            |           |           |                |                  |                                   |
| BEN.      | //ARK                                  | (S                          |                |               |                           |            |           |           |                |                  | SYMBOLS                           |
| INCIN     | ······································ | .0                          |                |               |                           |            |           |           |                |                  | ▼ Standing Water Level            |
|           |  |                             |                |               |                           |            |           |           |                |                  | ▼ Standing water Level < Out flow |
|           |  |                             |                |               |                           |            |           |           |                |                  | ├─ In flow                        |
|           |  |                             |                |               | 9/200 OHEEN               | CT EACT !! | ACTINOC   | RE        | OCL            | HAVELOOK NO      | DTH 4120 I NEW ZEALAND            |
|           |  |                             |                |               | UJUU QUEEN I              | JI LASI, H | Ph: +64 6 | 8771652   | Email          | : info@rdcl.co.n | RTH 4130   NEW ZEALAND<br>:       |
|           |  |                             |                |               |                           |            |           |           |                |                  |                                   |



DCP9.74

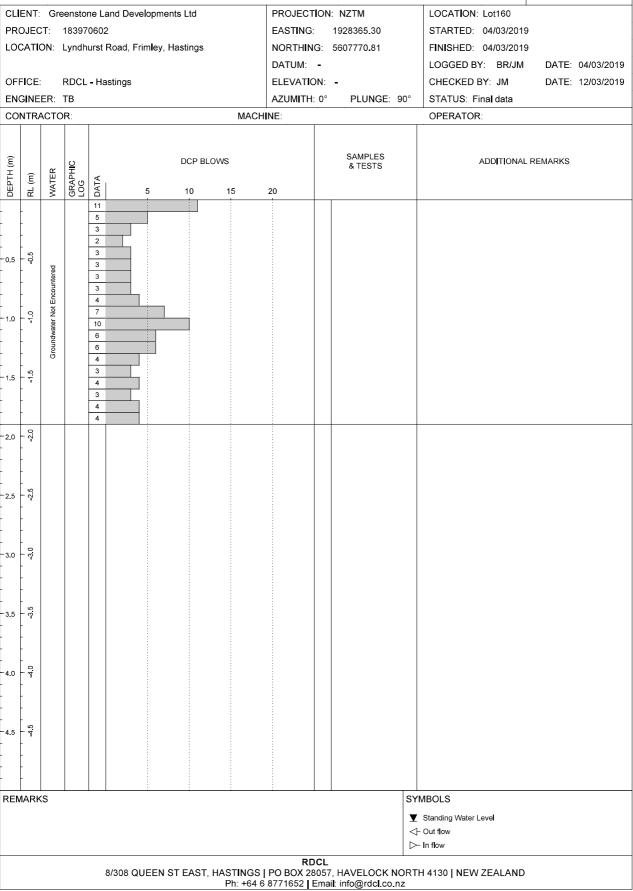
SHEET 74 OF 84

| CLI       | ENT:       | Gre                         | ensto          | ne L        | and Developm  | ents Ltd |           | PROJECT               | Γ <b>Ι</b> ΟΝ:           | NZTM                          |            | LOCATION: Lot160                  |
|-----------|------------|-----------------------------|----------------|-------------|---------------|----------|-----------|-----------------------|--------------------------|-------------------------------|------------|-----------------------------------|
|           |            |                             | 18397          |             |               |          |           | EASTING               | : 1                      | 928372.72                     |            | STARTED: 04/03/2019               |
| LO        | CATI       | ON:                         | Lyndh          | urst        | Road, Frimley | Hastings |           | NORTHIN               | IG: 5                    | 607774.20                     |            | FINISHED: 04/03/2019              |
|           |            |                             |                |             |               |          |           | DATUM: -              |                          |                               |            | LOGGED BY: BR/JM DATE: 04/03/2019 |
|           | FICE       |                             |                | <b>-</b> На | astings       |          |           | ELEVATION             |                          |                               |            | CHECKED BY: JM DATE: 12/03/2019   |
|           |            | ER:                         |                |             |               |          |           | AZUMITH               | I: 0°                    | PLUNGE: 9                     | 90°        | STATUS: Final data                |
| СО        | NTRA       | ACTO                        | R:             | _           |               |          | MACH      | IINE:                 | 1                        |                               |            | OPERATOR:                         |
|           |            |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| Ê         |            |                             | O              |             |               | DCP BL0  | ows       |                       |                          | SAMPLES<br>& TESTS            |            | ADDITIONAL REMARKS                |
| DEPTH (m) | RL (m)     | WATER                       | GRAPHIC<br>LOG | ≰           | ı             |          |           |                       |                          | & ILOIO                       |            |                                   |
| DE        | 귐          | ×                           | R Q            |             | 5             | 10       | 15<br>    | 20                    |                          |                               |            |                                   |
| -         | -          |                             |                | 4           |               |          |           |                       |                          |                               |            |                                   |
| -         | -          |                             |                | 4           |               |          |           |                       |                          |                               |            |                                   |
| -         | -0.5       |                             |                | 1           |               |          |           |                       |                          |                               |            |                                   |
| -0.5<br>- | - 약<br>-   |                             |                | 3           |               |          |           |                       |                          |                               |            |                                   |
| t         | ŀ          |                             |                | 2           |               |          |           |                       |                          |                               |            |                                   |
| F         | -          |                             |                | 3           |               |          |           |                       |                          |                               |            |                                   |
| -1.0      | - 7        | Ď.                          |                | 5           |               |          |           |                       |                          |                               |            |                                   |
| -         | -          | untere                      |                | 5           |               |          |           |                       |                          |                               |            |                                   |
| t         | -          | Groundwater Not Encountered |                | 3           |               |          |           |                       |                          |                               |            |                                   |
| -1.5      | - 1-       | er Not                      |                | 3           |               |          |           |                       |                          |                               |            |                                   |
|           | -          | ndwat                       |                | 3           |               |          |           |                       |                          |                               |            |                                   |
| -         | -          | Grou                        |                | 3           |               |          |           |                       |                          |                               |            |                                   |
| -<br>-2.0 | -2.0       |                             |                | 2           |               |          |           |                       |                          |                               |            |                                   |
| - 2.0     | - ``       |                             |                | 8           |               | <b>-</b> |           |                       |                          |                               |            |                                   |
| -         | -          |                             |                | 5           |               |          |           |                       |                          |                               |            |                                   |
| -         |            |                             |                | 5           |               |          |           |                       |                          |                               |            |                                   |
| -2.5<br>- | -2.5       |                             |                | 5           |               |          |           |                       |                          |                               |            |                                   |
| -         | _          |                             |                | 5           |               |          |           |                       |                          |                               |            |                                   |
|           |            |                             |                | 6           |               |          |           |                       |                          |                               |            |                                   |
| -3.0      | -3.0       |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| ļ         | -          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -         | -          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -3.5      | 3.5        |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -         | ļ.,        |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -         | -          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| <b>-</b>  | - 4<br>- 0 |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -4.0<br>- | - 4        |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -         | }          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -         | -          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| -4.5      | - 4.       |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| F         | ļ          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| t         | t          |                             |                |             |               |          |           |                       |                          |                               |            |                                   |
| DE.       | /A D1      |                             |                |             |               |          |           |                       |                          |                               | CVA        | //BOLS                            |
| KEN       | /IARK      | (5)                         |                |             |               |          |           |                       |                          |                               |            |                                   |
|           |            |                             |                |             |               |          |           |                       |                          |                               |            | Standing Water Level Out flow     |
|           |            |                             |                |             |               |          |           |                       |                          |                               |            | In flow                           |
|           |            |                             |                |             | 0/000 01:==:  | 07.55    |           | RI                    | OCL                      |                               | 05=:       | LAGO I NEW ZEALAND                |
|           |            |                             |                |             | 8/308 QUEEN   | STEAST,  | Ph: +64 6 | PO BOX 2<br>  8771652 | ου57,<br>Emai <b>l</b> : | HAVELOCK No<br>info@rdcl.co.n | OKTH<br>1Z | ł 4130   NEW ZEALAND              |
|           |            |                             |                |             |               |          |           |                       |                          |                               |            |                                   |



**DCP9.75** 

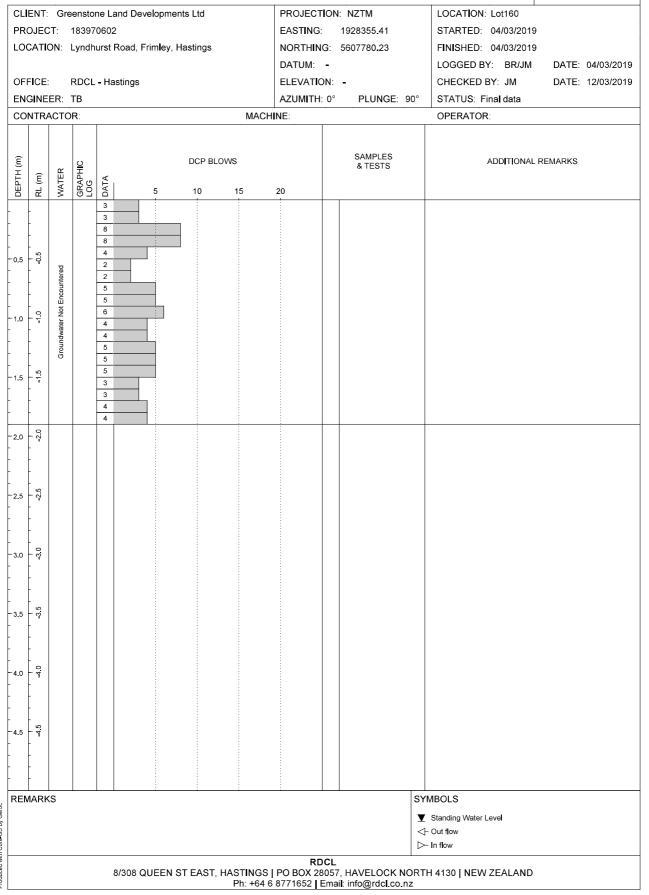
**SHEET 75 OF 84** 





**DCP9.76** 

**SHEET 76 OF 84** 





DCP9.77

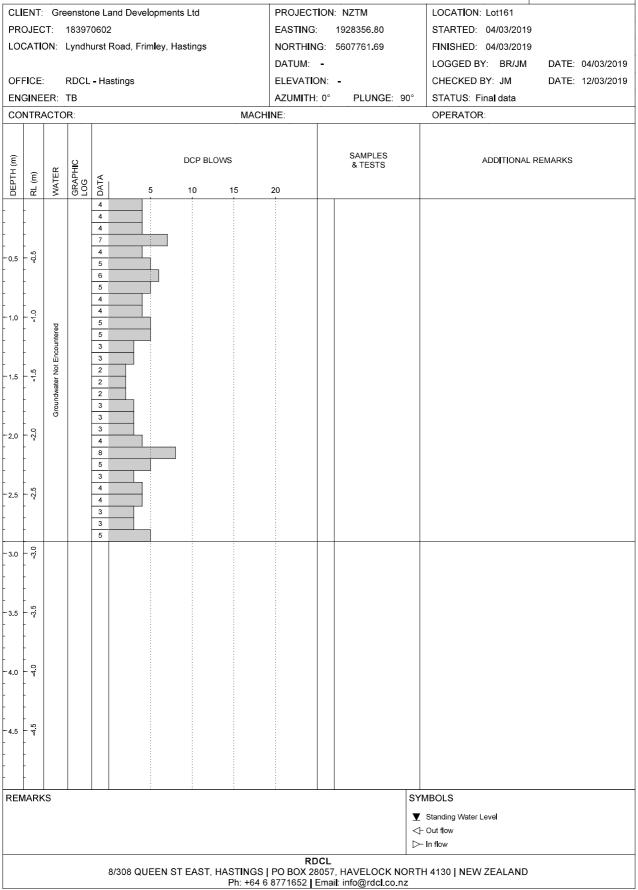
SHEET 77 OF 84

|                    |                             |                |          |                       |          |         |                                      |             |            |            |                          | SHEET   | 77 OF 84   |
|--------------------|-----------------------------|----------------|----------|-----------------------|----------|---------|--------------------------------------|-------------|------------|------------|--------------------------|---------|------------|
| CL <b>I</b> ENT:   | Gre                         | ensto          | ne Land  | Developme             | nts Ltd  |         | PROJE                                | CTION       | : NZTM     | LO         | CATION: Lot161           |         |            |
| PROJEC             | CT:                         | 18397          | 0602     |                       |          |         | EASTIN                               | IG:         | 1928346.92 | ST         | ARTED: 04/03/201         | Э       |            |
| LOCATIO            | ON:                         | Lyndh          | urst Roa | ad, Frim <b>l</b> ey, | Hastings |         | NORTH                                | IING:       | 5607773.43 | FIN        | FINISHED: 04/03/2019     | 9       |            |
|                    |                             |                |          |                       |          |         | DATUM                                | l: <b>-</b> |            | LO         | GGED BY: BR/JM           | DATE:   | 04/03/2019 |
| OFFICE:            |                             | RDCL           | - Hastin | ngs                   |          |         | ELEVATION: - AZUMITH: 0° PLUNGE: 90° |             |            |            | IECKED BY: JM            | DATE:   | 12/03/2019 |
| ENGINE             | ER:                         | ТВ             |          |                       |          |         |                                      |             |            |            | ATUS: Fina <b>l</b> data |         |            |
| CONTRA             | ACTO                        | R:             |          |                       |          | MA      | CHINE:                               |             |            | OF         | PERATOR:                 |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| Ē                  |                             |                |          |                       | DCP BL   | OME     |                                      |             | SAMPLES    |            | ADDITIONAL               | DEMARKS |            |
| DEPTH (m)          | ER                          | GRAPHIC<br>LOG | _        |                       | DCF BL   | OVVS    |                                      |             | & TESTS    |            | add <b>i</b> tionai      | REWARKS |            |
| DEPTH<br>RL (m)    | WATER                       | GRA            | DATA     | 5                     | 10       | 15      | 20                                   |             |            |            |                          |         |            |
| _                  |                             |                | 3        |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                | 3<br>6   |                       |          |         |                                      |             |            |            |                          |         |            |
|                    |                             |                | 5        |                       |          |         |                                      |             |            |            |                          |         |            |
| 0.5 - 0            | P                           |                | 3 4      |                       |          |         |                                      |             |            |            |                          |         |            |
|                    | intere                      |                | 3        | T                     |          |         |                                      |             |            |            |                          |         |            |
|                    | Encor                       |                | 3        |                       |          |         |                                      |             |            |            |                          |         |            |
| 1.0                | Groundwater Not Encountered |                | 3        |                       |          |         |                                      |             |            |            |                          |         |            |
|                    | dwate                       |                | 4        |                       |          |         |                                      |             |            |            |                          |         |            |
|                    | Groun                       |                | 8        |                       |          |         |                                      |             |            |            |                          |         |            |
| 1.5                |                             |                | 7<br>6   |                       |          |         |                                      |             |            |            |                          |         |            |
| 1.5                |                             |                | 3        |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                | 3 4      | _                     |          |         |                                      |             |            |            |                          |         |            |
|                    |                             |                | 5        |                       |          |         |                                      |             |            |            |                          |         |            |
| 2.0 - 0.           |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 2.5                |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -<br>3.0 – හ       |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 3.0 — ო            |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 3.5 − <sup>Ω</sup> |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| <u> </u>           |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 4.0                |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| <u> </u>           |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| [                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 4.5 - 4            |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| 4.5 - 7            |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| -                  |                             |                |          |                       |          |         |                                      |             |            |            |                          |         |            |
| REMARK             | (S                          | 1              |          | <u> </u>              |          |         | <u> </u>                             |             |            | SYMBOI     | <br>LS                   |         |            |
|                    | -                           |                |          |                       |          |         |                                      |             |            |            | ding Water Level         |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            | ✓ Out fl   |                          |         |            |
|                    |                             |                |          |                       |          |         |                                      |             |            | ├─ In flow | w                        |         |            |
|                    |                             |                |          |                       |          | HASTING |                                      | RDCL        |            |            |                          |         |            |



**DCP9.78** 

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DCP9.79

SHEET 79 OF 84

| CLI       | ENT:   | Gre                         | ensto          | ne Land I | Developm            | ents Ltd   |                         | PROJECT           | ION | : NZTM                         |      | LOCATION: Lot161                  |
|-----------|--------|-----------------------------|----------------|-----------|---------------------|------------|-------------------------|-------------------|-----|--------------------------------|------|-----------------------------------|
| PR        | OJEC   | T:                          | 18397          | 0602      |                     |            |                         | EASTING:          |     | 1928347.23                     |      | STARTED: 04/03/2019               |
| LO        | CATIO  | ON:                         | Lyndh          | urst Road | d, Frim <b>l</b> ey | , Hastings |                         | NORTHIN           | G:  | 5607757.68                     |      | FINISHED: 04/03/2019              |
|           |        |                             |                |           |                     |            |                         | DATUM:            | -   |                                |      | LOGGED BY: BR/JM DATE: 04/03/2019 |
| OF        | ICE:   |                             | RDCL           | - Hasting | gs                  |            |                         | ELEVATIO          | N:  | -                              |      | CHECKED BY: JM DATE: 12/03/2019   |
| EN        | SINE   | ER:                         | ТВ             |           |                     |            |                         | AZUM <b>I</b> TH: | 0°  | PLUNGE:                        | 90°  | STATUS: Final data                |
| СО        | NTR/   | СТО                         | R:             |           |                     |            | MACH                    | INE:              |     | ·                              |      | OPERATOR:                         |
|           |        |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| <u>-</u>  |        |                             |                |           |                     | DCP BL0    | NAC.                    |                   |     | SAMPLES                        |      | ADDITIONAL REMARKS                |
| DEPTH (m) | (u     | ER                          | PH<br>PH<br>PH | 4         |                     | DOF BLO    | JVV3                    |                   |     | & TESTS                        |      | ADDITIONAL REMARKS                |
| DEP       | RL (m) | WATER                       | GRAPHIC<br>LOG | DATA      | 5                   | 10         | 15                      | 20                |     |                                |      |                                   |
| -         | -      |                             |                | 3         | _                   |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                | 2         | _                   |            |                         |                   |     |                                |      |                                   |
| -0.5      | -0.5   | 70                          |                | 3         | -                   |            |                         |                   |     |                                |      |                                   |
| _         | -      | ıntere                      |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      | Encor                       |                | 3         | -                   |            |                         |                   |     |                                |      |                                   |
| -<br>-1.0 | 1.0    | r Not                       |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      | dwate                       |                | 5         |                     |            |                         |                   |     |                                |      |                                   |
|           |        | Groundwater Not Encountered |                | 5         |                     |            |                         |                   |     |                                |      |                                   |
| -         | 1.5    |                             |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| 1.5<br>-  |        |                             |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
|           |        |                             |                | 3         |                     |            |                         |                   |     |                                |      |                                   |
| -2.0      | -2.0   |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| _         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -2.5      | 2.5    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
|           |        |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -<br>-3.0 | -3.0   |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | · Y    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         |        |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -3.5<br>- | 3.5    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| _         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -4.0      | - 4    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| _         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -<br>4.5  | 4.5    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | - '    |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
|           | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| -         | -      |                             |                |           |                     |            |                         |                   |     |                                |      |                                   |
| REN       | IARK   | S                           |                |           |                     |            | •                       |                   |     |                                | SY   | MBOLS                             |
|           |        |                             |                |           |                     |            |                         |                   |     |                                | ▼    | Standing Water Level              |
|           |        |                             |                |           |                     |            |                         |                   |     |                                |      | Out flow                          |
|           |        |                             |                |           |                     |            |                         | D.                | CL  |                                |      | - In flow                         |
|           |        |                             |                | 8/30      | 8 QUEEN             | ST EAST,   | HASTINGS  <br>Ph: +64 6 | PO BOX 28         | 057 | , HAVELOCK<br>II: info@rdcl.co | NORT | H 4130   NEW ZEALAND              |



**DCP9.80** 

**SHEET 80 OF 84** 

PROJECTION: NZTM LOCATION: Lot161 CLIENT: Greenstone Land Developments Ltd STARTED: 04/03/2019 PROJECT: 183970602 EASTING: 1928337.34 LOCATION: Lyndhurst Road, Frimley, Hastings NORTHING: 5607767.10 FINISHED: 04/03/2019 DATUM: -LOGGED BY: BR/JM DATE: 04/03/2019 OFFICE: ELEVATION: -CHECKED BY: JM DATE: 12/03/2019 RDCL - Hastings ENGINEER: TB AZUMITH: 0° PLUNGE: 90° STATUS: Final data CONTRACTOR MACHINE: OPERATOR: SAMPLES & TESTS DCP BLOWS ADDITIONAL REMARKS GRAPHIC LOG WATER RL (m) DATA 10 15 20 3 2 0.5 0.5 3 2 2 1.0 3 6 Groundwater Not Encou 2 2 15 1.5 2 2 2 3 3 2.0 -20 4 5 4 2 2 5 -2.5 2 7 6 - 8 -3.5 -4.0 5 -4.5 REMARKS SYMBOLS ▼ Standing Water Level <-> Out flow ├─ In flow RDCL 8/308 QUEEN ST EAST, HASTINGS | PO BOX 28057, HAVELOCK NORTH 4130 | NEW ZEALAND Ph: +64 6 8771652 | Email: info@rdcl.co.nz



DCP9.81

SHEET 81 OF 84

| CLIENT: Greenstone Land Developments Ltd |                             |                |        |                         |          |          | PROJEC    | TION        | : NZTM             |      | LOCATION: Lot162                  |  |  |
|--|-----------------------------|----------------|--------|-------------------------|----------|----------|-----------|-------------|--------------------|------|-----------------------------------|--|--|
| PROJEC                                   | CT:                         | 18397          | 0602   |                         |          |          | EASTING   | i:          | 1928331.62         |      | STARTED: 04/03/2019               |  |  |
| LOCATI                                   | ON:                         | Lyndh          | urst F | Road, Frim <b>l</b> ey, | Hastings |          | NORTHIN   | IG:         | 5607763.86         |      | FINISHED: 04/03/2019              |  |  |
|  |                             |                |        |                         |          |          | DATUM:    |             |                    |      | LOGGED BY: BR/JM DATE: 04/03/2019 |  |  |
| OFFICE                                   |                             | RDCL           | - Ha   | stings                  |          |          | ELEVATI   |             |                    |      | CHECKED BY: JM DATE: 12/03/2019   |  |  |
| ENGINE                                   |                             |                |        |                         |          |          | AZUMITH   | I: 0°       | PLUNGE: 9          | 90°  | STATUS: Final data                |  |  |
| CONTR                                    | ACTC                        | R:             |        |                         |          | MAC      | HINE:     | _           |                    |      | OPERATOR:                         |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| Ē  |                             | ೦              |        |                         | DCP BL   | ows      |           |             | SAMPLES<br>& TESTS |      | ADDITIONAL REMARKS                |  |  |
| DEPTH (m)                                | WATER                       | GRAPHIC<br>LOG | DATA   |                         |          |          |           |             | W 12010            |      |                                   |  |  |
| 집 교                                      | ≱                           | 유의             |        | 5 :                     | 10       | 15       | 20        |             |                    |      |                                   |  |  |
|  |                             |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
| -  |                             |                | 2      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
| - 0.5                                    |                             |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
| + + 2                                    |                             |                | 3      | 7                       |          |          |           |             |                    |      |                                   |  |  |
| -1.0                                     | pe                          |                | 4      |                         |          |          |           |             |                    |      |                                   |  |  |
| + +                                      | Junter                      |                | 6      |                         |          |          |           |             |                    |      |                                   |  |  |
|  | Groundwater Not Encountered |                | 4      |                         |          |          |           |             |                    |      |                                   |  |  |
| -1.5 - <del>-</del>                      | ter No                      |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
|  | ndwa                        |                | 3      |                         |          |          |           |             |                    |      |                                   |  |  |
|  | Grou                        |                | 3      | _                       |          |          |           |             |                    |      |                                   |  |  |
| -2.0 - %                                 |                             |                | 2      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 5      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 4      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 5      |                         |          |          |           |             |                    |      |                                   |  |  |
| -2.5 - N                                 |                             |                | 5      |                         |          |          |           |             |                    |      |                                   |  |  |
| -  |                             |                | 7      |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                | 4      |                         |          |          |           |             |                    |      |                                   |  |  |
| −3.0 − წ                                 |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| t t                                      |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| -3.5 - m                                 |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| t t                                      |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| -4.0 - 7                                 |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| '   '                                    |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| - 6                                      |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| -4.5 - <del>4</del>                      |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| + +                                      |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      |                                   |  |  |
| REMARK                                   | L                           |                |        |                         |          |          |           |             |                    | SY   | MBOLS                             |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      | Standing Water Level              |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      | Out flow                          |  |  |
|  |                             |                |        |                         |          |          |           |             |                    |      | - In flow                         |  |  |
|  |                             |                |        | 3/308 QUEEN             | ST FAST  | HASTINGS |           | OCL<br>8057 | HAVELOCK NO        | ORTI | H 4130   NEW ZEALAND              |  |  |
|  |                             |                |        |                         |          | Ph: +64  | 6 8771652 | Ema         | il: info@rdcl.co.n | Z    |                                   |  |  |



DCP9.82

SHEET 82 OF 84

| CLI       | CLIENT: Greenstone Land Developments Ltd PROJECT: 183970602 |                             |                |               |                         |          |          |           | TION  | : NZTM             |      | LOCATION: Lot162                  |
|-----------|---|-----------------------------|----------------|---------------|-------------------------|----------|----------|-----------|-------|--------------------|------|-----------------------------------|
|           |   |                             |                |               |                         |          |          | EASTING   |       | 1928337.80         |      | STARTED: 04/03/2019               |
| LO        | CATIO   | ON:                         | Lyndh          | urst          | Road, Frim <b>l</b> ey, | Hastings |          |           |       | 5607750.27         |      | FINISHED: 04/03/2019              |
|           |   |                             |                |               |                         |          |          | DATUM:    |       |                    |      | LOGGED BY: BR/JM DATE: 04/03/2019 |
|           | FICE:   |                             |                | . <b>-</b> На | astings                 |          |          | ELEVATI   |       |                    |      | CHECKED BY: JM DATE: 12/03/2019   |
|           |   | ER:                         |                |               |                         |          | 1440     | AZUMITH   | 1: 0° | PLUNGE:            | 90°  | STATUS: Final data                |
| CO        | NIRA  | ACTO                        | K:             |               |                         |          | MACI     | HINE:     | 1     |                    |      | OPERATOR:                         |
|           |   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| Œ         |   |                             | <u>ပ</u>       |               |                         | DCP BL   | ows      |           |       | SAMPLES<br>& TESTS |      | ADDITIONAL REMARKS                |
| DEPTH (m) | RL (m)  | WATER                       | GRAPHIC<br>LOG | DATA          | 1                       |          |          |           |       |                    |      |                                   |
| 8         | 굽   | \$                          | 2              | 3             | 5                       | 10       | 15       | 20        |       |                    |      |                                   |
|           | _   |                             |                | 5             |                         |          |          |           |       |                    |      |                                   |
| [         | -   |                             |                | 5             |                         |          |          |           |       |                    |      |                                   |
| -0.5      | - 0.5   |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
| - 0.5     | - Y   |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
|           | -   |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
| -         | _   |                             |                | 4             |                         |          |          |           |       |                    |      |                                   |
| -1.0      | - 1.0   | 70                          |                | 3             |                         |          |          |           |       |                    |      |                                   |
| -         | _   | untere                      |                | 6             |                         |          |          |           |       |                    |      |                                   |
|           | -   | Groundwater Not Encountered |                | 4             |                         |          |          |           |       |                    |      |                                   |
| -1.5      | - 1-  | er Not                      |                | 3             |                         |          |          |           |       |                    |      |                                   |
|           | -   | ndwati                      |                | 4             |                         |          |          |           |       |                    |      |                                   |
| -         | -   | Grour                       |                | 3             |                         |          |          |           |       |                    |      |                                   |
|           | -2.0  |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
| -2.0      | - 9   |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
| -         | _   |                             |                | 4             |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                | 3             |                         |          |          |           |       |                    |      |                                   |
| -2.5      | - 2 2   |                             |                | 4             |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                | 7             |                         |          |          |           |       |                    |      |                                   |
|           | -   |                             |                | 5             |                         |          |          |           |       |                    |      |                                   |
| -3.0      | 3.0   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| t         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
|           | - 3.5   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -3.5<br>- | ۳   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -4.0      | - 4   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| ŀ         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -4.5      | - 4   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| -         | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
|           | -   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
|           |   |                             |                |               |                         |          |          |           |       |                    |      |                                   |
| REM       | //ARK   | (S                          |                |               |                         |          |          |           |       |                    | SY   | MBOLS                             |
|           |   |                             |                |               |                         |          |          |           |       |                    |      | Standing Water Level              |
|           |   |                             |                |               |                         |          |          |           |       |                    |      | - Out flow                        |
| -         |   |                             |                |               |                         |          |          |           | DCL   |                    |      | - In flow                         |
|           |   |                             |                |               | 8/308 QUEEN             | ST EAST, | HASTINGS | PO BOX 2  | 8057  | , HAVELOCK N       | IORT | H 4130   NEW ZEALAND              |
|           |   |                             |                |               |                         |          | Ph: +64  | 6 8771652 | Ema   | il: info@rdcl.co.i | nz   |                                   |



DCP9.83

SHEET 83 OF 84

| CLI       | ENT:     | Gre                         | ensto          | ne L          | and Developn  | nents Ltd  |           | PROJEC     | Γ <b>Ι</b> ΟΝ:             | NZTM                          | LOCATION: Lot162                   |
|-----------|----------|-----------------------------|----------------|---------------|---------------|------------|-----------|------------|----------------------------|-------------------------------|------------------------------------|
| PR        | OJEC     | CT:                         | 18397          | '0602         | 2             |            |           | EASTING    | : 19                       | 928328.83                     | STARTED: 04/03/2019                |
| LO        | CATI     | ON:                         | Lyndh          | urst          | Road, Frimley | , Hastings |           | NORTHIN    | IG: 5                      | 307745 <b>.</b> 63            | FINISHED: 04/03/2019               |
|           |          |                             |                |               |               |            |           | DATUM:     | -                          |                               | LOGGED BY: BR/JM DATE: 04/03/2019  |
| OFI       | FICE:    | :                           | RDCL           | . <b>-</b> Ha | astings       |            |           | ELEVATION  |                            |                               | CHECKED BY: JM DATE: 12/03/2019    |
|           |          | ER:                         |                |               |               |            |           | AZUMITH    | I: 0°                      | PLUNGE: 9                     |                                    |
| СО        | NTRA     | ACTO                        | R:             |               |               |            | MACI      | HINE:      |                            |                               | OPERATOR:                          |
|           |          |                             |                |               |               |            |           |            |                            |                               |                                    |
| ΞÊ,       |          |                             | O              |               |               | DCP BL     | ows       |            |                            | SAMPLES<br>& TESTS            | ADD <b>I</b> TIONAL REMARKS        |
| DEPTH (m) | RL (m)   | WATER                       | GRAPHIC<br>LOG | ַ ַ           | i             |            |           |            |                            | & IES15                       |                                    |
| DEF       | ద        | ×<br>∀                      | R O            |               | 5             | 10         | 15        | 20         | <u> </u>                   |                               |                                    |
| -         | -        |                             |                | 3             |               |            |           |            |                            |                               |                                    |
|           |          |                             |                | 4             |               |            |           |            |                            |                               |                                    |
| -         | - 2      |                             |                | 2             |               |            |           |            |                            |                               |                                    |
| -0.5<br>- | -0.5     |                             |                | 2             |               |            |           |            |                            |                               |                                    |
| -         | -        |                             |                | 2             |               |            |           |            |                            |                               |                                    |
|           | [        |                             |                | 3             |               |            |           |            |                            |                               |                                    |
| -1.0      | - 7      | red                         |                | 3             |               |            |           |            |                            |                               |                                    |
| -         | [        | ounte                       |                | 4             |               |            |           |            |                            |                               |                                    |
|           | ŀ        | Groundwater Not Encountered |                | 2             |               |            |           |            |                            |                               |                                    |
| -1.5      | 1.5      | ater N                      |                | 3             |               |            |           |            |                            |                               |                                    |
| -         | -        | mpun                        |                | 3             |               |            |           |            |                            |                               |                                    |
|           | _        | 9                           |                | 3             |               |            |           |            |                            |                               |                                    |
| -         | -2.0     |                             |                | 2             |               |            |           |            |                            |                               |                                    |
| -2.0      | - 4      |                             |                | 3             |               |            |           |            |                            |                               |                                    |
|           | -        |                             |                | 4             |               |            |           |            |                            |                               |                                    |
| -         | - 10     |                             |                | 9             |               | 7          |           |            |                            |                               |                                    |
| -2.5<br>- | -2.5     |                             |                | 3             |               |            |           |            |                            |                               |                                    |
| -         | _        |                             |                | 4             |               |            |           |            |                            |                               |                                    |
|           |          |                             |                |               |               |            |           |            |                            |                               |                                    |
| -3.0      | -3.0     |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | <u> </u> |                             |                |               |               |            |           |            |                            |                               |                                    |
| F         | -        |                             |                |               |               |            |           |            |                            |                               |                                    |
| -<br>-3.5 | 3.5      |                             |                |               |               |            |           |            |                            |                               |                                    |
| - 5.5     | '        |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | -        |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | - 0      |                             |                |               |               |            |           |            |                            |                               |                                    |
| -4.0<br>- | - 4.     |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | }        |                             |                |               |               |            |           |            |                            |                               |                                    |
| ļ         | ļ        |                             |                |               |               |            |           |            |                            |                               |                                    |
| -4.5      | - 4.     |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | -        |                             |                |               |               |            |           |            |                            |                               |                                    |
| -         | -        |                             |                |               |               |            |           |            |                            |                               |                                    |
|           |          | <u> </u>                    |                |               |               |            |           |            |                            |                               |                                    |
| REN       | /IARK    | (S                          |                |               |               |            |           |            |                            |                               | SYMBOLS                            |
|           |          |                             |                |               |               |            |           |            |                            |                               | ▼ Standing Water Level <- Out flow |
|           |          |                             |                |               |               |            |           |            |                            |                               | <⊢ Out flow □ In flow              |
|           |          |                             |                |               |               |            |           | RI         | OCL                        |                               |                                    |
|           |          |                             |                |               | 8/308 QUEE!   | N ST EAST, | HASTINGS  | PO BOX 2   | 8057, I<br>Emai <b>l</b> : | HAVELOCK No<br>info@rdcl.co.n | ORTH 4130   NEW ZEALAND            |
|           |          |                             |                |               |               |            | 1 11. 104 | 0 011 1002 |                            |                               | 1 <b>-</b>                         |



DCP9.84

SHEET 84 OF 84

| CLI       | ENT:     | Gre                         | ensto          | ne L        | and Developme           | ents Ltd   |           | PROJECT   | ION: N          | ZTM                | LOCATION: Lot162                  |
|-----------|----------|-----------------------------|----------------|-------------|-------------------------|------------|-----------|-----------|-----------------|--------------------|-----------------------------------|
|           |          |                             | 18397          |             |                         |            |           | EASTING   | : 192           | 8320.88            | STARTED: 04/03/2019               |
| LO        | CATIO    | ON:                         | Lyndh          | urst        | Road, Frim <b>l</b> ey, | Hastings   |           | NORTHIN   | IG: 560         | 7753.38            | FINISHED: 04/03/2019              |
|           |          |                             |                |             |                         |            |           | DATUM:    |                 |                    | LOGGED BY: BR/JM DATE: 04/03/2019 |
|           | FICE:    |                             |                | <b>-</b> На | stings                  |            |           | ELEVATION |                 |                    | CHECKED BY: JM DATE: 12/03/2019   |
|           |          | ER:                         |                |             |                         |            |           | AZUMITH   | : 0°            | PLUNGE: 9          |                                   |
| СО        | NTRA     | ACTO                        | R:             |             |                         |            | MACH      | IINE:     |                 |                    | OPERATOR:                         |
|           |          |                             |                |             |                         |            |           |           |                 |                    |                                   |
| Œ         |          | _,                          | <u>ပ</u>       |             |                         | DCP BLOV   | vs        |           |                 | SAMPLES<br>& TESTS | ADDITIONAL REMARKS                |
| DEPTH (m) | RL (m)   | WATER                       | GRAPHIC<br>LOG | DATA        |                         |            |           |           |                 |                    |                                   |
| ä         | 굽        | 3                           | <u> </u>       | 1           | 5                       | 10         | 15        | 20        |                 |                    |                                   |
| -         | -        |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| _         | -        |                             |                | 1           |                         |            |           |           |                 |                    |                                   |
| -0.5      | - 0.5    |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| -         | - "      |                             |                | 1           |                         |            |           |           |                 |                    |                                   |
| -         | -        |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| -         | - 0.     |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| -1.0<br>- |          | red                         |                | 3           |                         |            |           |           |                 |                    |                                   |
| -         | _        | Groundwater Not Encountered |                | 3           |                         |            |           |           |                 |                    |                                   |
| -         | -        | ot Enc                      |                | 4           |                         |            |           |           |                 |                    |                                   |
| -1.5      | - 4-     | ater N                      |                | 4           |                         |            |           |           |                 |                    |                                   |
| -         | -        | undw                        |                | 3           |                         |            |           |           |                 |                    |                                   |
|           | -        | Gro                         |                | 2           |                         |            |           |           |                 |                    |                                   |
| -2.0      | - 2 0    |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| -         | -        |                             |                | 2           |                         |            |           |           |                 |                    |                                   |
| -         | -        |                             |                | 3           |                         |            |           |           |                 |                    |                                   |
| -<br>-2.5 | -2.5     |                             |                | 4           |                         |            |           |           |                 |                    |                                   |
| - 2.3     | - '      |                             |                | 4           |                         |            |           |           |                 |                    |                                   |
|           | -        |                             |                | 4           |                         |            |           |           |                 |                    |                                   |
|           | 0        |                             |                | 5           |                         |            |           |           |                 |                    |                                   |
| -3.0      | - წ<br>- |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -         | -        |                             |                |             |                         |            |           |           |                 |                    |                                   |
|           | -        |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -3.5      | - 8      |                             |                |             |                         |            |           |           |                 |                    |                                   |
|           | -        |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -         | -        |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -4.0      | - 4<br>0 |                             |                |             |                         |            |           |           |                 |                    |                                   |
| Ĺ         | <u> </u> |                             |                |             |                         |            |           |           |                 |                    |                                   |
|           |          |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -<br>-4.5 | - 4.5    |                             |                |             |                         |            |           |           |                 |                    |                                   |
| 4.5       | - 1      |                             |                |             |                         |            |           |           |                 |                    |                                   |
|           | -        |                             |                |             |                         |            |           |           |                 |                    |                                   |
| -         | _        |                             |                |             |                         |            |           |           |                 |                    |                                   |
| REN       | /IARK    | (S                          | I              | 1           | :                       | <u> </u>   | -:        | :         |                 |                    | SYMBOLS                           |
|           |          |                             |                |             |                         |            |           |           |                 |                    | ▼ Standing Water Level            |
|           |          |                             |                |             |                         |            |           |           |                 |                    | <- Out flow                       |
|           |          |                             |                |             |                         |            |           |           | 201             |                    | ├─ In flow                        |
|           |          |                             |                |             | 8/308 QUEEN             | ST EAST, H | ASTINGS   | PO BOX 28 | DCL<br>8057, HA | VELOCK NO          | DRTH 4130   NEW ZEALAND           |
|           |          |                             |                |             |                         |            | Ph: +64 6 | 8771652   | Email: int      | o@rdcl.co.nz       | Z                                 |