



# DRILLHOLE RECORD

CONTRACT NO. **GE/2014/07**

HOLE NO. **S1-EH01**

SHEET **1** of **1**

PROJECT **Ground Investigation - New Territories West (Term Contract), Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction**

| METHOD            |             | ROTARY                          |               |      |      |      |                |       | CO-ORDINATES               |               |           | WORKS ORDER NO. |       | DATE  |   |
|-------------------|-------------|---------------------------------|---------------|------|------|------|----------------|-------|----------------------------|---------------|-----------|-----------------|-------|---|---|
| MACHINE           |             | SD20                            |               |      |      |      |                |       | E 820734.75<br>N 834193.36 |               |           | GE/2014/07.34   |       | 15.03.2016 to 15.03.2016  |   |
| FLUSHING MEDIUM   |             | DRY DRILLING                    |               |      |      |      |                |       | ORIENTATION                |               |           | VERTICAL        |       | GROUND LEVEL  |   |
|                   |             |                                 |               |      |      |      |                |       |                            |               |           | +4.13 mPD       |       |   |   |
| Drilling Progress | Casing Size | Water Level (m) Shift Start/End | Water Return% | TCR% | SCR% | RQD% | Fracture Index | Tests | Samples                    | Reduced Level | Depth (m) | Legend          | Grade | Description   |   |
| 15.03.2016        | PW          |                                 |               |      |      |      |                |       | 1                          | 0.00          | +4.13     | 0.00            |       |   | Brown (10YR 5/3) spotted grey, slightly silty fine to coarse SAND with some to much angular to subangular fine to coarse gravel of rock fragments and with some asphalt fragments. (FILL) |
| 1                 |             |                                 |               |      |      |      |                | 2     | 0.45                       |               |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       | 3                          | +3.13         | 1.00      |                 |       | Grey (7.YR 5/1) mottled brown and yellowish brown, slightly silty very clayey fine to coarse SAND with occasional angular to subangular fine gravel of rock fragments. (FILL) |   |
| 2                 |             |                                 |               |      |      |      |                | 4     | 0.95                       |               |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                | 5     | 1.45                       |               |           |                 |       |   |   |
| 3                 |             |                                 |               |      |      |      |                |       | 6                          |               |           |                 |       | Greyish brown (10YR 5/2), silty sandy CLAY with some angular to subangular fine gravel of rock fragments. (MARINE DEPOSIT)  |   |
|                   |             |                                 |               |      |      |      |                | 7     | 1.95                       |               |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       | 8                          | 2.45          |           |                 |       | Dark grey (10YR 4/1), slightly silty clayey fine to coarse SAND with occasional angular to subangular fine gravel of quartz fragments. (ALLUVIUM)                             |   |
| 4                 | PW<br>3.95m |                                 |               |      |      |      |                | 9     | 2.95                       | +1.13         | 3.00      |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       | 10                         | 3.40          |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       | 11                         | 3.90          | +0.18     | 3.95            |       |   |   |
| 15.03.2016        |             |                                 |               |      |      |      |                |       | 12                         | 3.95          |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       |                            | 4.35          |           |                 |       |   |   |
|                   |             |                                 |               |      |      |      |                |       |                            | 4.85          | -0.77     | 4.90            |       |   |   |
| 5                 |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       | End of hole at 4.90 m.  |   |
| 6                 |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       |   |   |
| 7                 |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       |   |   |
| 8                 |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       |   |   |
| 9                 |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       |   |   |
| 10                |             |                                 |               |      |      |      |                |       |                            |               |           |                 |       |   |   |

- ⬆ SMALL DISTURBED SAMPLE
- ⬇ LARGE DISTURBED SAMPLE
- U76 SAMPLE
- PISTON SAMPLE (76mm)
- MAZIER SAMPLE
- SPT LINER SAMPLE
- ▲ WATER SAMPLE
- U100 SAMPLE
- ⬇ STANDARD PENETRATION TEST
- ∨ IN-SITU VANE SHEAR TEST
- PACKER TEST
- PERMEABILITY TEST
- PRESSUREMETER TEST
- BOREHOLE TELEVIEWER
- PIEZOMETER TIP
- STANDPIPE TIP

LOGGED S.L. Chiu  
 DATE 17.03.2016  
 CHECKED R. Chu  
 DATE 18.03.2016

REMARKS  
 1. An inspection pit was excavated to 3.00m deep by hand tools.