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# GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM E:GEOT 017/8-2014

BOREHOLE No **CRR918**

Sheet 1 of 2

REFERENCE No **H13117**

|         |                                                                        |
|---------|------------------------------------------------------------------------|
| PROJECT | Cross River Rail (CRR) Project - Additional Geotechnical Investigation |
|---------|------------------------------------------------------------------------|

|          |                     |
|----------|---------------------|
| LOCATION | ICB / Victoria Park |
|----------|---------------------|

COORDINATES 501833.7 E; 6962878.1 N

PROJECT No FG6470

SURFACE RL 26.32m

PLUNGE 90°

DATE STARTED 11/07/2018

GRID DATUM MGA94

JOB No

HEIGHT DATUM AHD

BEARING °

DATE COMPLETED 13/07/2018

DRILLER Geodrill

| DEPTH (m) | R.L.<br>(m) | AUGER<br>CASING<br>WASH BORING<br>CORE DRILLING | RQD<br>(%)<br>CORE<br>REC % | SAMPLE | MATERIAL DESCRIPTION                                                                                                                                                | LITHOLOGY | USCS<br>WEATHERING | INTACT<br>STRENGTH |    |   |   |   | DEFECT<br>SPACING |    |    |    |   | ADDITIONAL DATA<br>AND<br>TEST RESULTS                              | SAMPLES<br>TESTS |   |    |    |
|-----------|-------------|-------------------------------------------------|-----------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------------|----|---|---|---|-------------------|----|----|----|---|---------------------------------------------------------------------|------------------|---|----|----|
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    | EH                 | VH | H | M | L | VL                | EL | EC | VC | M |                                                                     |                  | W | LW | EW |
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 1         | 24.72       |                                                 |                             | A      | Sandy Gravelly CLAY (Fill)                                                                                                                                          | (CL)      |                    |                    |    |   |   |   |                   |    |    |    |   | 2, 1, 1<br>N=2                                                      | DIST             |   |    |    |
|           |             |                                                 |                             | B      | Dark grey mottled orange-brown mottling, moist, soft to firm. Low to medium plasticity. Fine to medium sub-angular gravel. Fine to coarse grained sand. Trace silt. |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     | DIST             |   |    |    |
|           |             |                                                 |                             | C      |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     | DIST             |   |    |    |
|           |             |                                                 |                             | D      | at 1.40m: orange-brown and grey                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     | DIST             |   |    |    |
| 2         |             |                                                 |                             | E      | Sandy CLAY with Gravel (Alluvium)                                                                                                                                   | CL        |                    |                    |    |   |   |   |                   |    |    |    |   | 7, 8, 9<br>N=17<br>LL=26% PI= 11%<br>MC=13.3% LS= 5%<br><75µm= 42%  | SPT              |   |    |    |
|           |             |                                                 |                             |        | Brown and grey mottled orange-brown, moist, very soft to soft. Low plasticity. Some medium to coarse gravel.                                                        |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             | F      | at 2.5m: Very stiff                                                                                                                                                 |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 3         |             |                                                 |                             | G      |                                                                                                                                                                     | CI        |                    |                    |    |   |   |   |                   |    |    |    |   | 7, 9, 11<br>N=20<br>LL=24% PI= 10%<br>MC=13.3% LS= 5%<br><75µm= 46% | SPT              |   |    |    |
|           | 22.12       |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             | H      | Gravelly CLAY (Alluvium)                                                                                                                                            |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        | Red-brown and grey, moist, very stiff. Medium plasticity. Fine to medium gravel.                                                                                    |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 4         | 21.12       |                                                 |                             | I      | Sandy CLAY (Alluvium)                                                                                                                                               | (CH)      |                    |                    |    |   |   |   |                   |    |    |    |   | hw, 2, 3<br>N=5                                                     | SPT              |   |    |    |
|           |             |                                                 |                             |        | Grey and orange-brown, moist, firm. Medium to coarse grained sand. Trace fine to coarse gravel. Trace silt.                                                         |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             | J      | Sandy Clayey GRAVEL (Residual)                                                                                                                                      |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        | Grey, moist, Dense. High plasticity,                                                                                                                                |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 5         | 20.17       |                                                 |                             | K      |                                                                                                                                                                     | (GC)      |                    |                    |    |   |   |   |                   |    |    |    |   | LL=32% PI= 15%<br>MC=8.7% LS= 8%<br><75µm= 32%                      | SPT              |   |    |    |
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        |                                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 6         | 18.52       |                                                 |                             |        | ARGILLITE (DCf)                                                                                                                                                     | HW        |                    |                    |    |   |   |   |                   |    |    |    |   | 11, 18, 19<br>N=37                                                  | SPT              |   |    |    |
|           |             |                                                 |                             |        | HW: Grey, pale grey, orange-brown staining, fine grained, foliated, low strength.                                                                                   |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        | FP 45-60°, (10/m), Un-PI/S, CD, FeSt                                                                                                                                |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 |                             |        | 45° (1-3/m), Un-PI/Sm, CD-OP, FeSt                                                                                                                                  |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
| 7         |             |                                                 |                             |        | at 8.80m: medium to high strength                                                                                                                                   | MW        |                    |                    |    |   |   |   |                   |    |    |    |   | 30/100 mm                                                           | SPT              |   |    |    |
|           | 16.72       |                                                 | 100                         |        | at 9.40m: high strength                                                                                                                                             |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           |             |                                                 | (0)                         |        | ARGILLITE (DCf)                                                                                                                                                     |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |
|           | 16.32       |                                                 | 100                         |        | MW:                                                                                                                                                                 |           |                    |                    |    |   |   |   |                   |    |    |    |   |                                                                     |                  |   |    |    |

Continued on next sheet

REMARKS: DCf - Neranleigh Fernvale Beds

LOGGED BY

REVIEWED BY

MH

S.Foley

|         |                                                                        |
|---------|------------------------------------------------------------------------|
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SURFACE RL 26.32m

PLUNGE 90°

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DRILLER Geodrill

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# Detailed Discontinuity Description Log

*This form is intended for the detailed description of discontinuities and defects as measured in outcrop by line mapping, or as they occur downhole in drilled rock core. The descriptions and abbreviations used shall be in accordance with Australian Standard AS1726-1993 Geotechnical site investigations and TMR Geotechnical Terms and Symbols Form F:GEOT017/8.*

| <b>Project Name</b>                                              |                                        | <b>Cross River Rail - Stage 2</b>                                              |                                  |                                 |                               | <b>Project No</b>                      |                                                      | <b>FG6470</b>                                     |          |
|------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------|----------------------------------|---------------------------------|-------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------------------|----------|
| <b>Site ID / Borehole No.</b>                                    |                                        | <b>CRR918</b>                                                                  |                                  |                                 |                               | <b>Surface RL</b>                      |                                                      | <b>26.32</b>                                      |          |
| <b>Geologist</b>                                                 |                                        | <b>Mark Hayes</b>                                                              |                                  |                                 |                               | <b>Date</b>                            |                                                      | <b>12/07/2018</b>                                 |          |
|                                                                  |                                        |                                                                                |                                  |                                 |                               | <b>Page</b>                            | <b>1</b>                                             | <b>of</b>                                         | <b>3</b> |
| Traverse<br>Chainage;<br>or<br>Down hole<br>depth<br>(rock core) | Type<br>LP /<br>BP /<br>FP /<br>J etc. | Dip ° / Dip<br>Direction °;<br>or<br>Angle ° from<br>horizontal<br>(rock core) | Planarity<br>Stp /<br>Un /<br>PI | Roughness<br>Ro /<br>Sm /<br>SI | Roughness<br>Class<br>I to IX | Aperture<br>CD /<br>OP /<br>FL /<br>TI | Infilling<br>Cn /<br>St /<br>Vr /<br>Ct <sup>1</sup> | Zones <sup>1</sup><br>SZ /<br>CZ /<br>HFZ /<br>AZ | Other    |
| 9.05                                                             | FP                                     | 45°                                                                            | Un                               | Sm                              | V                             | OP                                     | St                                                   | Fe                                                |          |
| 9.09                                                             | FP                                     | 35°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 9.13                                                             | FP                                     | 35°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 9.15                                                             | FP                                     | 45°                                                                            | Un                               | Sm                              | VI                            | OP                                     | St                                                   | Fe                                                |          |
| 9.23                                                             | FP                                     | 45°                                                                            | Un                               | Sm                              | V                             | OP                                     | St                                                   | Fe                                                |          |
| 9.28                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 9.30                                                             | J                                      | 60°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 9.32                                                             | J                                      | 20°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | Cn                                                   |                                                   |          |
| 9.36                                                             | FP                                     | 50°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | Cn                                                   |                                                   |          |
| 9.60                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | Cn                                                   |                                                   |          |
| 9.63                                                             | J                                      | 45°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 9.67                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 9.69                                                             | J                                      | 55°                                                                            | PI                               | Ro                              | VII                           | OP                                     | St                                                   | Fe                                                |          |
| 9.77                                                             | J                                      | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | Cn                                                   |                                                   |          |
| 9.80                                                             | J                                      | 45°                                                                            | PI                               | Ro                              | VII                           | OP                                     | St                                                   | Fa                                                |          |
| 9.85                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | Ct                                                   | OZ                                                |          |
| 9.90                                                             | FP                                     | 40°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 9.94                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 9.96                                                             | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 9.98                                                             | FP                                     | 50°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | Cn                                                   |                                                   |          |
| 10.04                                                            | FP                                     | 50°                                                                            | PI                               | Sm                              | VIII                          | OP                                     | St                                                   | Fe                                                |          |
| 10.12                                                            | FP                                     | 45°                                                                            | Un                               | Sm                              | V                             | CD                                     | Cn                                                   |                                                   |          |
| 10.16                                                            | J                                      | 10°                                                                            | Stp                              | Sm                              | II                            | CD                                     | Cn                                                   |                                                   |          |
| 10.26                                                            | FP                                     | 45°                                                                            | PI                               | SI                              | IX                            | CD                                     | St                                                   | Fe                                                |          |
| 10.36                                                            | J                                      | 50°                                                                            | PI                               | Ro                              | VII                           | CD                                     | St                                                   | Fe                                                |          |
| 10.48                                                            | FP                                     | 40°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 10.54                                                            | FP                                     | 45°                                                                            | PI                               | Sm                              | VIII                          | CD                                     | St                                                   | Fe                                                |          |
| 10.59                                                            | FP                                     | 45°                                                                            | Un                               | Sm                              | VI                            | CD                                     | St                                                   | Fe                                                |          |
| 10.64                                                            | FP                                     | 40°                                                                            | Un                               | Sm                              | V                             | OP                                     | St                                                   | Fe                                                |          |
| 10.68                                                            | FP                                     | 45°                                                                            | Un                               | Sm                              | V                             | OP                                     | St                                                   | Fe                                                |          |
| 10.70                                                            | FP                                     | 50°                                                                            | Un                               | Sm                              | V                             | OP                                     | St                                                   | Fe                                                |          |

Note: 1. Describe zones and coatings in terms of composition and thickness (mm)

F:GEOT 533/9 – 2014

# Detailed Discontinuity Description Log

*This form is intended for the detailed description of discontinuities and defects as measured in outcrop by line mapping, or as they occur downhole in drilled rock core. The descriptions and abbreviations used shall be in accordance with Australian Standard AS1726-1993 Geotechnical site investigations and TMR Geotechnical Terms and Symbols Form F:GEOT017/8.*

|                               |    |                                   |    |    |      |                   |          |                   |          |
|-------------------------------|----|-----------------------------------|----|----|------|-------------------|----------|-------------------|----------|
| <b>Project Name</b>           |    | <b>Cross River Rail - Stage 2</b> |    |    |      | <b>Project No</b> |          | <b>FG6470</b>     |          |
| <b>Site ID / Borehole No.</b> |    | <b>CRR918</b>                     |    |    |      | <b>Surface RL</b> |          | <b>26.32</b>      |          |
| <b>Geologist</b>              |    | <b>MARK HAYES</b>                 |    |    |      | <b>Date</b>       |          | <b>12/07/2018</b> |          |
|                               |    |                                   |    |    |      | <b>Page</b>       | <b>2</b> | <b>of</b>         | <b>3</b> |
| 10.77                         | FP | 30°                               | PI | SI | IX   | CD                | Cn       |                   |          |
| 10.87                         | J  | 5°                                | St | Sm | II   | OP                | Cn       |                   |          |
| 10.93                         | J  | 25°                               | PI | Ro | VII  | OP                | Cn       |                   |          |
| 10.95                         | J  | 25°                               | Un | Ro | IV   | OP                | St       | Fe                |          |
| 10.97                         | J  | 10°                               | Un | Sm | V    | OP                | Cn       | BZ                |          |
| 11.01                         | FP | 40°                               | PI | Sm | VIII | OP                | St       | Fe                |          |
| 11.05                         | FP | 45°                               | PI | Sm | VIII | CD                | St       | Fe                |          |
| 11.12                         | J  | 20°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 11.19                         | FP | 40°                               | PI | Sm | VIII | CD                | St       | Fe                |          |
| 11.35                         | J  | 20°                               | Un | Sm | V    | OP                | Cn       |                   |          |
| 11.39                         | J  | 10°                               | Un | Sm | V    | OP                | St       | Fe                |          |
| 11.47                         | FP | 45°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 11.54                         | FP | 50°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 11.56                         | J  | 60°                               | PI | SI | IX   | CD                | St       | Fe                |          |
| 11.71                         | FP | 45°                               | Un | Sm | V    | OP                | St       | Fe                |          |
| 11.88                         | J  | 10°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 12.07                         | FP | 30°                               | Un | SI | VI   | CD                | Cn       |                   |          |
| 12.23                         | J  | 5°                                | Un | Sm | V    | CD                | Cn       |                   |          |
| 12.34                         | J  | 5°                                | Un | Sm | V    | CD                | Cn       |                   |          |
| 12.36                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 12.67                         | FP | 35°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 13.98                         | FP | 20°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 14.20                         | FP | 20°                               | Un | Sm | V    | OP                | Cn       |                   |          |
| 14.27                         | FP | 20°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 14.42                         | FP | 20°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 14.45                         | FP | 35°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 14.61                         | J  | 5°                                | Un | Sm | V    | CD                | Cn       |                   |          |
| 14.68                         | FP | 45°                               | PI | SM | VIII | CD                | Cn       |                   |          |
| 14.78                         | FP | 45°                               | PI | Ro | VII  | CD                | Cn       |                   |          |
| 14.92                         | FP | 5°                                | Un | Sm | V    | CD                | Cn       |                   |          |
| 15.01                         | J  | 45°                               | PI | Ro | VII  | CD                | Cn       |                   |          |
| 15.10                         | FP | 10°                               | PI | Sm | VIII | OP                | Cn       |                   |          |
| 15.18                         | FP | 45°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 15.28                         | FP | 20°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 15.35                         | FP | 20°                               | PI | Sm | VIII | FL                |          |                   |          |
| 15.40                         | FP | 25°                               | Un | Sm | V    | OP                | Cn       |                   |          |
| 15.45                         | FP | 40°                               | PI | Sm | VIII | OP                | Cn       |                   |          |

Note: 1. Describe zones and coatings in terms of composition and thickness (mm)

F:GEOT 533/9 – 2014

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|                               |    |                                   |    |    |      |                   |          |                   |          |
|-------------------------------|----|-----------------------------------|----|----|------|-------------------|----------|-------------------|----------|
| <b>Project Name</b>           |    | <b>Cross River Rail - Stage 2</b> |    |    |      | <b>Project No</b> |          | <b>FG6470</b>     |          |
| <b>Site ID / Borehole No.</b> |    | <b>CRR918</b>                     |    |    |      | <b>Surface RL</b> |          | <b>26.32</b>      |          |
| <b>Geologist</b>              |    | <b>MARK HAYES</b>                 |    |    |      | <b>Date</b>       |          | <b>12/07/2018</b> |          |
|                               |    |                                   |    |    |      | <b>Page</b>       | <b>3</b> | <b>of</b>         | <b>3</b> |
| 15.50                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 15.54                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 15.58                         | FP | 35°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 15.62                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 15.72                         | FP | 40°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 15.78                         | FP | 45°                               | PI | Sm | VIII | OP                | Cn       |                   |          |
| 15.86                         | FP | 40°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 15.93                         | J  | 0°                                | PI | Ro | VII  | CD                | Cn       |                   |          |
| 16.04                         | FP | 40°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.13                         | J  | 5°                                | PI | Sm | VIII | CD                | Cn       |                   |          |
| 16.18                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 16.31                         | FP | 35°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.40                         | FP | 45°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.50                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 16.54                         | FP | 30°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.64                         | J  | 20°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.78                         | FP | 20°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.82                         | J  | 10°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.94                         | J  | 5°                                | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.96                         | J  | 10°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 16.98                         | J  | 5°                                | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.03                         | FP | 45°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.08                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.10                         | J  | 80°                               | Un | Ro | IV   | CD                | Cn       |                   |          |
| 17.12                         | J  | 10°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 17.25                         | J  | 45°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 17.26                         | J  | 5°                                | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.28                         | J  | 10°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.29                         | J  | 65°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 17.32                         | J  | 60°                               | Un | Sm | V    | CD                | Cn       |                   |          |
| 17.35                         | FP | 30°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
| 17.95                         | J  | 60°                               | PI | Sm | VIII | CD                | Cn       |                   |          |
|                               |    |                                   |    |    |      |                   |          |                   |          |
|                               |    |                                   |    |    |      |                   |          |                   |          |
|                               |    |                                   |    |    |      |                   |          |                   |          |
|                               |    |                                   |    |    |      |                   |          |                   |          |
|                               |    |                                   |    |    |      |                   |          |                   |          |

Note: 1. Describe zones and coatings in terms of composition and thickness (mm)

F:GEOT 533/9 – 2014

**CORE PHOTO LOG**  
DEPARTMENT OF TRANSPORT AND MAIN ROADS  
GEOTECHNICAL SECTION

|              |                                                        |                  |            |
|--------------|--------------------------------------------------------|------------------|------------|
| Project Name | Cross River Rail CRR 2018 – Geotechnical Investigation |                  |            |
| Project No.  | FG6470                                                 | Date             | 11/07/2018 |
| Borehole No. | CRR918                                                 | Reference No.    | H13117     |
| Location     | ICB/Victoria Park                                      | Start Depth (m)  | 9.00       |
| Submitted By | J. Armstrong                                           | Finish Depth (m) | 17.95      |

