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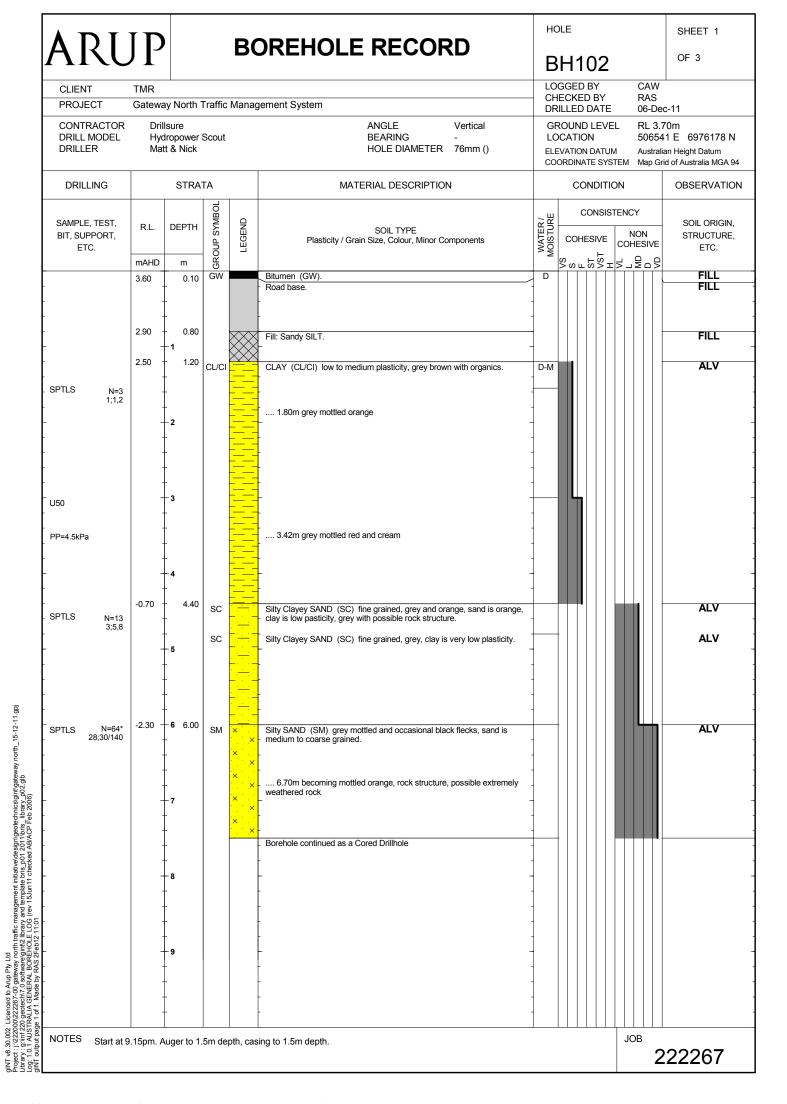
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| ٨  |             | D  | T   | רון               |                      | ·Oi         | DEU BUDERUI E E  |       |                            |             | HOI               | .E                         |                       |                            | SHEET  |  |  |
|--|-------------|--|---|-------------------|----------------------|-------------|--|-------|----------------------------|-------------|-------------------|----------------------------|-----------------------|----------------------------|--|--|--|
| Λ.   |             | 1  | l   | JP co             |                      |             | RED BOREHOLE RECORD  |       |                            |             | BH102             |                            |                       |                            | OF 3   |  |  |
|  | CLIE        |  |   | TMR               |                      |             | Management System  |       |                            |             |                   | GED<br>CKE                 |                       | ,                          | CAW<br>RAS                                     |  |  |
|  |             | JEC <sup>-</sup><br>ITRA   | T<br>CTOR                                     |                   | ay North T<br>Ilsure | \/          | Vertical   |       |                            | LED         | DAT               | E                          | 06-Dec-11<br>RL 3.70m |                            |  |  |  |
| DRILL MODEL Hydropower Scout DRILLER Matt & Nick |             |  |   | Ну                | dropower             | Scout       | ANGLE Vertical<br>BEARING -<br>HOLE DIAMETER 76mm ()                                   |       |                            |             |                   | CATION                     | NC                    |                            | 506541 E 6976<br>Australian Height Da          |  |  |
|  |             |  |   |                   |                      |             |  |       |                            |             |                   |                            | ATE S                 | YSTEN                      | EM Map Grid of Australia                       |  |  |
|  | DRILLING    |  |   | STRATA            |                      |             | MATERIAL DESCRIPTIO  |       |                            |             |                   |                            | SPECI                 |                            | CONTINUITIES  GENERAL DESCR                    |  |  |
| rill rate)                                       | (RQD)       | TURN %   | SAMPLES<br>CaCO <sub>3</sub> , SPT, UCS, etc) | R.L.              | DEPTH                | CLOG        | ROCK TYPE  | ERING | ESTIMATED                  | МРа)        | FREQUENCY (per m) | (per m)                    |                       |                            |  |  |  |
| TCR % (Drill rate)                               | SCR / (RQD) | SCR / (RQD) FLUSH RETURN % (TYPE) SAMPLES :acO <sub>3</sub> , SPT, UCS, etc) | SAMP<br>30 <sub>3</sub> , SPT                 |                   |                      | GRAPHIC LOG | Grain Size, Texture/Fabric, Colour, Minor Components                                   | ₩     | ROCK<br>STRENGTH           | Is 50 (MPa) | FREQ              | TYPE                       | ANGLE                 | THICKNESS (mm)             | Planarity, Roug<br>Coating, In                 |  |  |
| _  |             | L .  | (Ca(  | mAHD              | m                    | О           |  | >     | ⋣⋛⋾⋝∓⋛ <u>₽</u>            |             | 3 2 3             | -                          |                       | Ė                          |  |  |  |
| -  |             |  |   |                   | Ţ                    |             | •  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| .  |             |  |   |                   | ‡                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   | -                 | 1                    |             | -  | }     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  |   |                   | Ĭ                    |             |  | ]     |                            |             |                   |                            |                       |                            |  |  |  |
| .  |             |  |   |                   | ‡                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | -2                   |             | -  | +     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  |   |                   | Ī                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | +                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | -3                   |             | -  | +     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  |   |                   | Ţ                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | +                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | 4                    |             | -  | +     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  |   |                   | Ţ                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | +                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | - 5                  |             | _  | +     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | _                    |             |  | ]     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | _                    |             |  |       |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | -6                   |             | -  | -     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  |   |                   | Ī                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| ·  |             |  |   |                   | ‡                    |             |  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| -  |             |  |   |                   | -7                   |             | -  | +     |                            |             |                   |                            |                       |                            |  |  |  |
|  |             |  | SPTLS Š                                       | -3.80             | 7.50                 |             | Continued from Borehole  | 1     |                            |             |                   |                            |                       |                            |  |  |  |
| [  |             |  | C   |                   | ‡                    |             | Sandstone/ Siltstone browny mottled orange and black, interbedded, weak + hard layers. | DW    |                            |             |                   | 7775                       | 26888                 | 1<br>3<br>2<br>2<br>2<br>3 | PL R04<br>CU R04<br>PL R04<br>PL R03<br>PL R04 |  |  |
| -  |             |  |   |                   | -8                   |             | -  | +     |                            |             |                   | 71<br>77<br>75<br>76<br>76 |                       | 1 3 1                      | PL Ro4  IR Ro4 PL Ro3 CU CN                    |  |  |
| 100()  | 53          |  | ucs<br>c                                      |                   | <u></u>              |             |  | 1     |                            | A0.19       |                   | DB                         | 20                    | 1                          | 30 014   |  |  |
| :  |             |  | С   |                   | ‡                    |             |  | 1     |                            | A0.19       | 1 1 1             | _л                         | -20                   | -1                         | —PL Ro3 CN                                     |  |  |
| *  | *           | -  |   |                   | - 9                  |             | -  | +     |                            |             |                   | 755 5                      | 20<br>0<br>0          | 2<br>3<br>2                | PL C<br>PL C<br>PL C<br>CU                     |  |  |
| 100()  | 26 —        |  |   |                   | Ţ                    |             |  | 1     |                            |             |                   | 2 2 2 2                    | 1000                  | -2<br>-2<br>-1             | -PL<br>-PL<br>-PL                              |  |  |
| -<br>  10  | 2           |  |   |                   | +                    |             |  | -     |                            |             |                   | 7777                       | 20                    | 0<br>4<br>2<br>3           | PL<br>CU<br>PL<br>PL                           |  |  |
| NC   | )<br>TES    |  | Start of C                                    | 15nm              | Augorto 1            | 5m da       | 9.84m - 10.28m interbedded oth, casing to 1.5m depth.                                  | XW    | See explanate              | חוי מכי     | otes for a        | ·   VIT                    |                       | 1                          | JOB  |  |  |
| NC   | <           | - 5  | nan di S                                      | , ropin. <i>I</i> | auger 10 T           | JIII UE     | ou, casing to 1.5iii deptil.   |       | abbreviations descriptions |             |                   | cially                     | Ji                    | `                          | 22226  |  |  |

| F                                    | 1           | К  |   | JP             | '  C   | O                                     | RED BOREHOLE F  | REC          |          | RD  |         | D     | Ц           | 11             | ገኃ   |                |                            | SHEET 3                        |
|--------------------------------------|-------------|--|---|----------------|--|---------------------------------------|---|--------------|----------|---|---------|-------|-------------|----------------|--|----------------|----------------------------|--------------------------------|
|                                      | CLIE        |  |   | TMR            |  |                                       |   |              |          |   |         | BH102 |             |                |  | CAV            |                            | OF 3                           |
|                                      |             | JEC  | Г   |                | ay North T   | raffic                                | Management System   |              |          |   |         | 1     | ECK<br>ILLE |                | BY<br>DATE   | <u> </u>       | RAS<br>06-De               | c-11                           |
| CONTRACTOR<br>DRILL MODEL<br>DRILLER |             | Drillsure<br>Hydropower Scout<br>Matt & Nick |   | Scout          | ANGLE Vertical<br>BEARING -<br>HOLE DIAMETER 76mm () |                                       |   |              |          | GROUND LEVEL<br>LOCATION<br>ELEVATION DATUM<br>COORDINATE SYSTE |         |       |             | JM             | RL 3.70m<br>506541 E 69761<br>Australian Height Datu<br>EM Map Grid of Australia I |                |                            |                                |
|                                      | DRILLING    |  | IG  | STRATA         |  |                                       | MATERIAL DESCRIPTION  |              |          | DIS   |         |       |             |                | SCONTINUITIES  |                |                            |                                |
| te)                                  | <u> </u>    | %  | s, etc)                                       |                | 90   |                                       |   | 9<br>Z       |          | a a   |         | ζ     |             | SPECIFIC       |  |                | GENERAL DESCRI             |                                |
| TCR % (Drill rate)                   | SCR / (RQD) | FLUSH RETURN %<br>(TYPE)                     | SAMPLES<br>CaCO <sub>3</sub> , SPT, UCS, etc) | R.L.           | DEPTH  | GRAPHIC LOG                           | ROCK TYPE<br>Grain Size, Texture/Fabric, Colour, Minor Componen   | Ø WEATHERING | ES<br>S1 | STIMATED<br>ROCK<br>TRENGTH                                     | s 50 (I | H.    | - 1         | TYPE           | ANGLE  | THICKNESS (mm) | Pla                        | narity, Rough<br>Coating, Infi |
| - 00                                 | <br> <br>   | -  |   | mAHD           | m  | 0                                     | 9.88m - 10.18m extremely weathered - Sandstone/ Siltstone browny mottled orange and                                   | xw           | ш,<br>Т  | National States   | 1       | 3 2 3 | -           |                |  | _              |                            |                                |
| <b>A</b> 100()                       | <b>¥</b> 58 |  |   | -6.75<br>-6.80 | - 10.45<br>10.50                                     |                                       | black, interbedded, weak + hard layers. (continued)  CORE LOSS.   | DW           |          |   |         |       | :  -        | -JT<br>-DB     | <del>-</del> 0   | -3             | —PL Ro3 CN                 |                                |
| 1                                    |             |  |   | 3.30           |  |                                       | Sandstone/ Siltstone highly fractured/interbedded soft and hard layers.   | _            |          |   |         |       | :  -        | JT<br>JT<br>DB | -0<br>-60<br>0   | -1<br>-1<br>2  | —PL CN<br>—IR CN<br>→PL CN |                                |
|                                      |             |  |   | -              | - 11   |                                       | 10.50m - 13.45m highly fractured/interbedded so<br>and hard layers<br>10.90m highly fractured interbedded soft layers | ft           |          |   |         |       |             |                |  |                |                            |                                |
| — 100()                              | 0           |  |   |                |  |                                       |   |              |          |   |         |       |             | JT -           | -0<br>-10  | -2<br>-1       | —PL C<br>→PL               |                                |
| -                                    |             |  |   |                | -  |                                       | 11.50m - 13.50m highly fractured interbedded so layers  | ft           |          |   |         |       |             |                |  |                |                            |                                |
| *                                    |             | -  |   | -              | - 12   |                                       | _   | -            |          |   |         |       |             |                |  |                |                            |                                |
|                                      |             |  | С   |                |  |                                       |   | ]            | :        |   | A0.01   |       |             |                |  |                |                            |                                |
| - ()26                               | 0 -         |  |   |                | -  |                                       |   |              |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  | С   | _              | <del>-</del> 13                                      |                                       | -   | -            |          |   |         |       |             |                |  |                |                            |                                |
| v                                    | l v         |  |   | -9.75<br>-9.80 | - 13.45<br>13.50                                     | · · · · · · · · · · · · · · · · · · · | ·<br>·<br>· CORE LOSS.  |              |          |   | A0.06   |       |             |                |  |                |                            |                                |
| •                                    | 1           |  |   | -5.00          | -  |                                       | Sandstone/ Siltstone layered hard and soft layers 13.50m layered hard and soft layers                                 | DW           |          |   |         |       |             |                |  |                |                            |                                |
| 91()                                 | 0           |  |   | -              | - 14   |                                       | 13.50m - 14.60m highly fractured interbedded so layers  | ft _         |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  | С   |                |  |                                       |   |              |          |   | A0.08   |       |             |                |  |                |                            |                                |
| <b>V</b>                             | <b> </b>    |  |   | -11.07         | 14.77<br>14.90                                       | ·····                                 | CORE LOSS.  | XW           |          |   |         |       | -           | -DB            |  |                |                            |                                |
| _                                    |             |  |   | -              | - 15   |                                       | - End of Borehole at 14.90m   |              | :        |   |         |       |             |                |  |                |                            |                                |
|                                      |             |  |   |                |  |                                       |   | -            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   |                | _  |                                       | •   | 1            |          |   |         |       |             |                |  |                |                            |                                |
| _                                    |             |  |   | -              | <b>- 16</b>  |                                       | -   | -            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   |                |  |                                       |   | -            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   |                | †  |                                       | •   | 1            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   | -              | - 17<br>-  |                                       | -   | -            |          |   |         |       |             |                |  |                |                            |                                |
| _                                    |             |  |   |                |  |                                       |   | -            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   |                | †  |                                       | -   | 1            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   | -              | <del>-</del> 18                                      |                                       | -   | -            |          |   |         |       |             |                |  |                |                            |                                |
| _                                    |             |  |   |                |  |                                       |   | -            |          |   |         |       |             |                |  |                |                            |                                |
| -                                    |             |  |   |                |  |                                       | •   | 1            |          |   |         |       |             |                |  |                |                            |                                |
| _                                    |             |  |   | -              | <del>-</del> 19                                      |                                       | <del>-</del>  | -            |          |   |         |       |             |                |  |                |                            |                                |
|                                      |             |  |   |                |  |                                       |   | -            |          |   |         |       |             |                |  |                |                            |                                |
|                                      |             |  |   |                |  |                                       |   | 1            |          |   |         |       |             |                |  |                |                            |                                |
| NC                                   | )<br>OTE    | S 6  |   | 1              |  |                                       | oth, casing to 1.5m depth.  |              | 1:       | e explana   | 1       |       | <u></u>     |                |  | Τ.             | OB                         |                                |