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|  |          |              |              |               |   |                             |                  |         |           |          |             |           | <del></del>  |  |  |
|--|----------|--------------|--------------|---------------|---|-----------------------------|------------------|---------|-----------|----------|-------------|-----------|--------------|--|--|
| ARUP TEST PIT RECORD                   |          |              |              |               |   |                             | <sup>™</sup> TP2 |         |           |          |             | _         | SHEET 1      |  |  |
| Geotechi                               |          |              |              |               |   |                             |                  |         |           |          |             |           | OF 1         |  |  |
| PROJECT                                | MARBI    | URG BYF      | PASS         | - Warre       | ego Highway Duplication   | LOGGED BY AE DATE/S 10.5.99 |                  |         |           |          |             |           |              |  |  |
| CONTRACTOR                             |          | Akuika       |              |               | EXCAVATION TYPE   | _                           | _                |         | LEVE      |          | 10.         | .5.99     |              |  |  |
| EQUIPMENT TY                           |          | Excavator    | r            |               | LENGTH  |                             | CAT              |         |           | <u> </u> | S           | See F     | Figure 2     |  |  |
| MODEL                                  |          | 8 tonne Ko   | obekc        | <b>.</b>      | WIDTH   |                             |                  |         |           |          |             | <b>-</b>  | ·9u          |  |  |
| EXCAVATION STRATA MATERIAL DESCRIPTION |          |              |              |               |   |                             |                  | COL     | NDITI     | ON       |             | -         | OBSERVATION  |  |  |
|  | +        |              |              | <del>  </del> |   |                             | Г                |         |           |          |             | !         | SOIL ORIGIN, |  |  |
| SAMPLE, TEST,                          | R.L.     | DEPTH        | GROUP SYMBOL |               | SOIL TYPE<br>Colour, Plasticity, Grain Size, Minor Components         | WATER /<br>MOISTURE         | <u>_</u>         | CONSIS  |           | -        |             |           |              |  |  |
| BIT, SUPPORT,<br>ETC.                  |          | '            |              | LEGEND        |   | WATE                        | cc               |         | SIVE      | CC       | NON<br>SEHC | SIVE      |              |  |  |
|  | AHD      | m            | GR<br>CR     |               |   |                             | S c              | ايد     | ST<br>VST | ځ .      | ₽₽          | ٥٥        | )            |  |  |
|  |          | ,            | CH           |               | Sandy CLAY: Orange brown to brown, high plasticity, very stiff, moist |                             | Π                | $\prod$ |           |          | $\Box$      | $\prod$   | RESIDUAL     |  |  |
| f                                      |          | <del> </del> |              |               | i .   | 1                           |                  |         |           |          |             | $ \cdot $ |              |  |  |
| -                                      |          |              |              |               | <b> </b>  |                             |                  |         |           |          |             | $ \cdot $ |              |  |  |
|  |          | !            |              |               |   |                             |                  |         |           |          |             |           |              |  |  |
| <b> </b>                               | 1        | † !          |              |               |   | 1 1                         |                  |         |           |          |             |           |              |  |  |
| }                                      | ] .      | ļ !          |              |               | Ī   |                             |                  |         |           | $\  \ $  |             | $ \cdot $ | ĺ            |  |  |
| 1                                      |          | 1.00         | <u> </u>     |               |   |                             |                  |         |           |          |             | $ \cdot $ |              |  |  |
|  |          | '            |              |               | Gravelly CLAY layer with hard ironstone bands                         | ]                           |                  |         |           |          |             | $ \cdot $ |              |  |  |
| <u> </u>                               | -        | † !          |              |               | Ī.,   | 1                           |                  |         |           |          |             | $ \cdot $ |              |  |  |
| 1                                      |          | 1.40         |              | <b>766</b>    | MUDSTONE: Light grey and orange brown, distinctly weathered, very     | 4                           |                  |         |           |          |             |           | DATE DOTONE  |  |  |
| j                                      |          |              |              |               | low strength  |                             |                  |         |           |          |             |           | DW MUDSTONE  |  |  |
|  | ,        |              |              |               | occassional hard thin sandstone layers                                | 1 )                         |                  |         |           |          |             |           |              |  |  |
| -                                      |          | † !          |              |               | Ī   | 1                           |                  |         |           |          |             |           | İ            |  |  |
|  | ]        | -2           |              |               | <b>-</b>  |                             | f                |         |           |          |             |           |              |  |  |
|  |          |              |              |               | I   |                             |                  |         |           |          |             | $ \cdot $ |              |  |  |
|  | 7        |              |              |               | ·<br>I  | 1                           | 1                |         |           |          |             |           | l            |  |  |
| . !                                    |          |              | ĺ            |               | i   | -                           |                  |         |           |          |             |           | İ            |  |  |
|  | ]        |              | l            |               | <u>.</u>  | ]                           | ,   '            |         |           |          |             |           | l            |  |  |
| ļ                                      |          |              | l            |               |   |                             |                  |         |           |          |             |           | l            |  |  |
|  | †        |              | ĺ            |               |   | 1                           | '                |         |           | $  \  $  |             |           |              |  |  |
| CBR @ 3.0m = 4.0                       | $\vdash$ | 3 3.00       | <del> </del> | Ħ             |   | +                           | #                | -       | ╀         | H        | 4           |           |              |  |  |
| Į.                                     |          | 1            | ĺ            |               | -   |                             | .   !            | $\  \ $ |           |          |             |           | İ            |  |  |
|  |          |              | l            |               |   | ]                           | .                |         |           |          |             |           | İ            |  |  |
| ŀ                                      | †        | [ ]          |              |               |   | 1                           | .   !            |         |           |          |             |           | İ            |  |  |
|  |          | +            |              |               |   | ]                           |                  |         |           |          |             |           | i            |  |  |
|  | ]        |              | į .          |               |   |                             |                  |         | 11        |          |             |           |              |  |  |
|  |          | i            | i            |               |   | 1 1                         |                  |         | ]   '     |          |             |           |              |  |  |
| 3                                      | +        | 4            | i !          |               | •   | -                           |                  |         |           |          |             |           |              |  |  |
|  |          | <sub>+</sub> | i l          |               |   | ]                           |                  |         | '         |          |             |           |              |  |  |
| <u>;</u> ]                             |          |              | i l          |               |   |                             |                  |         |           |          |             |           |              |  |  |
| <u> </u>                               |          | ī            | . !          |               |   | 1                           |                  |         |           |          |             |           |              |  |  |
| ]                                      |          | r            | , !          | -             |   | ]                           |                  |         |           |          |             |           |              |  |  |
|  |          | L            | , !          |               |   |                             |                  |         |           |          |             |           |              |  |  |
|  |          | ,<br>        | ,            | 1             |   | 1                           |                  |         |           |          |             |           |              |  |  |
| NOTES                                  |          |              |              |               |   |                             |                  |         |           |          | ОВ          | Ш         |              |  |  |
|  |          |              | · = al       |               | ·   |                             |                  |         | I         | ٦,       | JB          |           |              |  |  |
| 1) No groundwater observed             |          |              |              |               |   |                             |                  |         |           |          |             |           |              |  |  |
|  |          |              |              |               |   |                             |                  |         |           |          | 11702/2     |           |              |  |  |
|  |          |              |              |               |   |                             |                  |         | ļ         |          |             |           |              |  |  |
|  |          |              |              |               |   |                             |                  |         | ļ         |          |             |           |              |  |  |