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| ARU  | P   |                               |              | В                                       | DREHOLE RECORD  |  | _ 01   | H109            | SHEET 1             |
|--|---|-------------------------------|--------------|---|---|--|--|-----------------|---------------------|
| Geotechr<br>PROJECT  | PRINCESS ALEXANDRA HOSPITAL REDEVELOPMENT |                               |              |   |   |  | GGED BY  | JF              | OF 1                |
| CONTRACTOR DRILL MODEL MOUNTING  | Jā  | P & KF<br>acro 350<br>WD truc | כ            | tensen                                  | Pty Ltd ANGLE 90 degrees  BEARING  DIAMETER 90mm  | DATES 4/11/96  GROUND LEVEL 3  EASTING  NORTHING |  |                 | 32.2m AHD           |
| DRILLING   | STRATA                                    |                               |              |   | MATERIAL DESCRIPTION  |  | CONDITION  | OBSERVATION     |                     |
| SAMPLE, TEST,<br>BIT, SUPPORT,<br>ETC.   | R.L.                                      | DEPTH<br>m                    | GROUP SYMBOL | LEGEND                                  | SOIL TYPE<br>Colour, Plasticity, Grain Size, Minor Components   | WATER /<br>MOISTURE                              | COHESIAE   | NON<br>COHESIVE | _,                  |
| 1  | 31.9                                      | 0.3                           |              |   | FILL: grassed surface overlying topsoil.  FILL: orange brown, soft to firm, gravelly sandy CLAY.  | D M  |  |                 | FILL .              |
| SPT:18/18/22<br>N*=40  | 29.9                                      | 2 2.3                         |              |   | SANDSTONE: mottled light grey, orange brown and red brown claybound fine to medium angular quartzitic gravel, with occasional coarse angular gravel, extremely low strength, extremely weathered. | M M  |  |                 | XW COAL<br>MEASURES |
|  | 29.9                                      | 3                             |              | + | From 2.3m: light grey, slightly clayey SILTSTONE/ silty MUDSTONE.   | - M  |  |                 | :                   |
| -  | 27,7                                      | 4.5                           |              | + +<br>+ +<br>+ +<br>+ +<br>+ +         |   |  |  |                 |                     |
| SPT:24/33/45<br>N*=78  | 27.1                                      | 5.2                           |              | + +<br>+ +<br>+ +<br>+ +<br>+ +         | Grading to a SILTSTONE: light grey white with occasional mottling to red and orange brown, sandy, extremely low strength, extremely weathered.  At 5.2m: becoming gravelly (band                  |  |  |                 |                     |
| SPT:26/40/30<br>blows for  | 26,4<br>26,2                              | 5.8<br>6 6.0                  |              | + +<br>+ +<br>+ -<br>1:::1              | approximately 0.2m thick).  Another gravel band at 5.8m.  SANDSTONE: light grey white with occasional red brown iron staining, claybound fine to  | 1<br> <br>  M                                    |  |                 | _                   |
| T TOOMAIN  |   | 7                             |              |   | medium angular quartzitic gravel, extremely weathered extremely low strength.   |  |  |                 | -                   |
| SPT:12/24/24<br>N*=48  | 24.7                                      | 7.5<br>-8                     |              | -                                       | At 7.5m MUDSTONE: light grey with brown bands and occasional sandy bands  End of BH109 at 7.5m depth.   | • • • • • • • • • • • • • • • • • • •            | Administration of the second o |                 | _                   |
| ·  |   | 9                             |              | -                                       |   |  |  |                 | -                   |
| NOTES  | Dec                                       | 10                            | 4            | 24.7.0                                  | - bolon ground lovel  |  | The state of the s | JOB             |                     |
| 2) Borehole auger drilled. 3) Hole left open over night. Ground water level 5.4m below ground level at 11am 5/11/96. 4) Ground level estimated from Donald Thallon (Surveys) P/L drawings. |   |                               |              |   |   |  |  | 9545/1          |                     |
| FN30.14 October 1994   |   |                               |              |   |   |  |  |                 |                     |