

17.1 Packer and Rising Head Tests

Table 17.1 presents the results of the packer and rising head tests.

| TABLE 17.1: PACKER AND RISING HEAD TESTS | | | | |
|---|------------------|-----------------------------|----------------------|---|
| Borehole | Test Type | Response Zone (mbgl) | Lithology | Permeability (m/s) |
| 106 | Packer | 42.00 – 45.00 | Mudstone | $1.8 \times 10^{-8} - 2.5 \times 10^{-8}$ |
| 109 | Packer | 36.00 – 39.00 | Siltstone | - |
| 121 | Packer | 37.00 – 40.45 | Sandstone | $1.8 \times 10^{-8} - 3.5 \times 10^{-6}$ |
| 122 | Packer | 24.00 – 27.00 | Mudstone | $3.5 \times 10^{-7} - 4.8 \times 10^{-7}$ |
| 109 | RHT | 33.00 – 36.00 | Mudstone (& gravel?) | $2.8 \times 10^{-5} - 4.4 \times 10^{-5}$ |
| 110 | RHT | 18.00 – 21.00 | Clay & Gravel | $4.9 \times 10^{-8} - 5.0 \times 10^{-8}$ |
| 111 | RHT | 14.00 – 17.00 | Clay | 9.3×10^{-9} |
| 120A | RHT | 17.00 – 20.00 | Sandstone & Mudstone | - (possibly tidal) |
| 121 | RHT | 19.50 – 22.50 | Clay | $4.0 \times 10^{-8} - 4.3 \times 10^{-8}$ |
| 122 | RHT | 18.00 – 21.00 | Clay | 3.2×10^{-9} |
| 125 | RHT | 29.50 – 32.50 | Mudstone & Sandstone | $5.1 \times 10^{-7} - 5.3 \times 10^{-7}$ |
| 127 | RHT | 15.00 – 18.00 | Clay & Silt | 2.8×10^{-9} |