

## **MAROOKA (M3)**

19 tonne track mounted CPT Rig



### **SPECIFICATIONS**

|                         |  |
|-------------------------|--|
| Overall Dimensions      | Width: 2.5m; Length: 6m; Height: 3.2m (while travelling); Height: 4.4m (while probing) |
| Gross Weight            | 19 tonne   |
| Ground Bearing Capacity | 0.39 kg/cm <sup>2</sup> (38kPa / 5.5psi)   |
| Speed (Low/High)        | Low gear: 7.6km High gear: 11km/h on level ground                                      |
| Grade ability           | 60%  |
| Engine                  | Mitsubishi (7545cc) 204HP @ 2,700 rpm  |
| Fuel Tank               | 156 L (Diesel)   |
| Drive System            | HST  |
| Tracks                  | 700mm wide rubber tracks   |
| Levelling Jacks         | 1.2m stroke (700mm lift from ground)   |

### **EQUIPMENT / FEATURES**

|                            |   |
|----------------------------|---|
| Winch                      | A.P.E. Winch: Hydraulically Powered 13.6 tonne line pull with 45m of 18mm wire rope.  |
| Other Equipment / Features | 2.4m x 1.2m Plastic Bog Boards<br>2 x 9kg ABE Fire extinguisher<br>Air conditioned work cabin and drive cabin<br>ROPS<br>Reversing Camera |
| Transport                  | Prime Mover & 10m Drop-deck trailer with ramps  |

### **SERVICES**

|                                |  |
|--------------------------------|--|
| Geotechnical Services provided | CPT, CPTu, SCPT, SCPTu (1, 5, 10, & 15 tonne cones)<br>DMT, SDMT<br>Dissipation Testing<br>CPT casing for additional rod support<br>Dual Tube (percussion) sampling<br>Piston Sampling<br>MOSTAP and PROBEDRILL soil sampling<br>Vane Shear Testing (Electronically driven)<br>Vibrating Wire Installation<br>Water Sampling<br>Standpipe Installation (20mm; 32mm & 50mm) |
|--------------------------------|--|