

Micropiling Works

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Proposed Micropile System to Replace Bore Piling System at Pavilion Park, Bukit Batok Road



Total Number of Micropiles: 158

Working Load	: 30 tons (15 nos.)
	60 tons (57 nos.)
	80 tons (20 nos.)
	100 tons (54 nos.)
	120 tons (10 nos.)
	135 tons (2 nos.)

Project Period	: 30 April 2007 to 7 October 2007
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Proposed additions & alteration to the existing Choa Chu Kang MRT station



Total Number of Micropiles: 10

Working Load : 60 tons

Project Period : 15 June 2007 to 15 August 2007

Proposed Residential Development at No.8 Balmeg Hill



Total Number of Micropiles: 10

Working Load : 85 tons

Project Period : 4 August 2007 to 5 September 2007

Pulau Ular Reclamation Project – Stability of Permanent Slope at CH B West Interface



Total Number of Micropiles: 116

Project Period : 30 March 2007 to 19 May 2007

Pumping Test at Sentosa Island – IR project



Total Number of Boreholes: 29

Project Period : 14 June 2007 to 28 July 2007

Proposed Erection of an Overhead Pedestrian Bridge at Alexander Road and Telok Blangah Hill Park



Total Number of Micropiles: 532

Working Load : 20 tons

Project Period : 15 July 2006 to 16 January 2007

Toe Pin Works at Jurong Port



Total Number of Toe Pin : 15

Working Load : 1100 kN to 1900 kN

Project Period : 21 December 2006 to 2 February 2007

Pile Head Preparation



Before



After

PDA Test



Static Load Test – Ground Anchor Reaction System



Static Load Test – Kentledge System

