

Results Summary Profile

Sample Drop Off: 16 Chilvers Road
Thornleigh NSW 2120
Mailing Address: PO Box 357
Pennant Hills NSW 1715

Tel: 1300 30 40 80
Fax: 1300 64 46 89
Em: info@sesl.com.au
Web: www.sesl.com.au

Tests are performed under a quality system certified as complying with ISO 9001:2008. Results and conclusions assume that sampling is representative. This document shall not be reproduced except in full.

Batch N°: 27702	Sample N°: 2	Date Received: 17/9/13	Report Status: <input type="radio"/> Draft <input checked="" type="radio"/> Final
Client Name: Macka's Sand Pty Ltd	Project Name: Macka's Sand	Client Contact: Robert Mackenzie	Location:
Client Job N°:	SESL Quote N°:	Client Order N°:	Sample Name: Garden Soil (SESL Soil Mix)
Address: 2684 Nelson Bay Rd Salt Ash NSW 2318	Description: Soil	Test Type: FSC	
Formula used			
Compost	30%		
Grey Sand	40%		
Packing Sand	30%		
<p>This soil has slight alkalinity and moderate salinity levels. The cation balance has moderate sodicity indicating a risk of dispersive soils. The effective cation exchange capacity (eCEC) is low indicating poor nutrient uptake and retention. Nutrient levels are reasonable. At these phosphorus levels it is recommended that this soil mix is not used with natives and should be labelled accordingly.</p> <p>Amendment Strategy</p> <p>Due to the sand components this soil is slightly alkaline therefore should be used with alkaline tolerant species or to bring down the pH apply 500g/m³ of iron sulphate monthly until the pH drops. This will also help bind up some of the phosphorus to low enough levels that natives can be grown. The iron sulphate will also assist with boosting the iron levels.</p> <p>Due to the compost the soil is also moderately saline therefore leach the soil through irrigation before applying any ameliorants. Incorporate Gypsum at 1 kg/m³ to prevent dispersion presenting an issue.</p> <p>Conclusion</p> <p>Providing that the amendment strategy is adhered to, this mix will be suitable for use for growing plants. Please note that only chemistry testing has been carried out and it is recommended that physical testing is also conducted to measure the permeability and compaction potential of the soil (I mentioned this in my pricing email). Even better would be to run test the material against the Australian Standard 4419. Please contact me if you require further information.</p>			

Total No Pages:

Consultant

Chantal Hooper



Authorised Signatory

Simon Leake



Date of Report

03/10/2013