



SportsTurf Consultants (Aust) Pty Ltd
ABN 41 950 863 362
info@sportsturf.com.au www.sportsturf.com.au

Melbourne Office
Unit 112 / 45 Gilby Road
Mt Waverley VIC 3149
+61 3 9558 6514

Brisbane Office
26-40 Delancey Street
PO Box 327
Cleveland QLD 4163
+61 7 3488 2829

Ian MacPherson
Gippsland Premium Quarries
PO Box 1
Neerim Junction VIC 3832

20th April 2018

New & Historic Sand Samples (Reference No. 329), 18/4/18

The submitted samples have been tested and the results are summarised below.

	New	Historic
pH (1:5 water)	5.0	5.4
Electrical conductivity (dS/cm)	0.021	0.011
Total salts (ppm)	62	33
Hydraulic Conductivity (mm/hr) Drainage (after ASTM F1815 method)	399	233
Particle Size (mm)	% Retained	% Retained
Fine Gravel (2.0mm)	Trace	Trace
Very Coarse Sand (1.0mm)	3	3
Coarse Sand (0.5mm)	12	13
Medium Sand (0.25mm)	33	34
Fine Sand (0.15mm)	36	35
Very Fine Sand (0.05)	15	14
Silt and Clay (<0.05mm)	1	1
Sample No	7187	7188

Comments

-) The pH of both samples is strongly acid and will need to be raised
-) The salt level of both samples is very low and of no concern
-) Both samples are a medium-fine sand and drain at a fast rate

Yours Faithfully

Michael Robinson
Sportsturf Agronomist