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எனது இல. }
Our Ref. }

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Your Ref. }

දිනය } 08/10/2013
திகதி }
Date }

TEST REPORT

Report Number : WQ/2013/194

Issued to : Engineer
Engineering Material Testing Laboratory
Sri Lanka Land Reclamation & Development Corporation
No 69, Kirimandala Mw,
Nawala , Rajagiriya.

Issued by : Environmental Studies & Services Division
National Building Research Organisation
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TEST REPORT

Client's Reference : Testing of off shore sand in accordance to SLS Standards (SLS 1397:2010)

Test Item : Water soluble Chloride, T. Sulpher, Shell content and acid soluble Sulphate content as per Client's requisition letter dated 29/08/2013

Number of Sample : 03

Samples collected by : Client
(Basis of sampling - Random sample of stock pile)

Date of Receipt to the Laboratory : 29th August 2013

Analysis Performed : From 29th August 2013 to 08th October 2013

Table (1) :Sample Description :

Client's Sample Reference	Sample Description	Lab Code
Sample -01 from Stock pile at Muthurajawela	Fine aggregates with sea shell particles	MS-2013/194-1
Sample -02 from Stock pile at Mudun Ela	Fine aggregates with sea shell particles	MS-2013/194-2
Sample -03 from Stock pile at Kirimandala Mw	Fine aggregates with sea shell particles	MS-2013/194-3

Table (2) :Parameter and Test method :

Parameter	Test Method
Shell Content	SLS 1397 : 2010, Appendix B
Water soluble Chloride content	BS 812 : Part 117 : 1988, (1:1, sand : water extract)
Acid soluble Sulphate content	BS 812 : Part 118 : 1988, (acid extraction)
Total Sulphur Content	BS EN : 1744-1 : 1998

Table (3) : Test Results

Lab Code	Total Sulphur Content (as S, w/w %)	Water soluble Chloride (as Cl ⁻ , w/w %)	Acid soluble Sulphate (as SO ₃ , w/w%)	Acid soluble Shell (w/w %)
MS-2013/194-1	0.03	<0.01	0.016	7.45
MS-2013/194-2	0.03	<0.01	0.015	6.42
MS-2013/194-3	0.03	<0.01	0.014	3.99

The results are valid only for the samples submitted for analysis.

Analysed.....
G.B.M.A. Basnayake
Technical Officer

Checked.....
S.A.M.S. Dissanayake
Co-ordinator W/Q

Certified
S. V. Dias
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