

Government of the Peoples' Republic of  
Bangladesh  
Ministry of Agriculture  
Soil Resource Development Institute  
Central Laboratory, Mrittika Bhaban,  
Krishi Khamar Sarak, Dhaka-1215.  
www.srdi.gov.bd

Record Number: 12.03.0000.034.57.001.19.416

Date: 22/8/2019

Subject: **Analytical results of 2 soil samples and 6 sediments**

Reference: (If any) ...

The analytical results of 2 soil samples and 6 sediments sent by you are attached herewith.



22-08-2019

Dr. Begom Samia Sultana  
Principal Scientific Officer

Kazi Farhed Iqbal, Executive director, EQMS  
Consulting Limited Banani, Dhaka-1213

Record Number: 12.03.0000.034.57.001.19.416/1(2)

Date: 22/8/2019

Copy for Kind Information and Necessary Action,

1) Innovation Officer, Soil Resource Development Institute, Krishi Khamar Sarak,  
Dhaka-1215.

2) Office Copy



22-08-2019

Dr. Begom Samia Sultana  
Principal Scientific Officer

Government of the Peoples Republic of Bangladesh  
Soil Resource Development Institute  
Central Laboratory  
Krishi Khamar Sarak, Dhaka.

**Analytical results of 2 soil samples and 6 Sediments sent from Kazi Farhed Iqbal, Executive Director, EQMS Consulting Limited Banani, Dhaka-1213**

Lab No.	Sample ID	EC	pH	Organic Matter	Organic Carbon	Total Nitrogen	Potassium	Calcium	Magnesium
		dS/m							
6381	Soil-01	0.5	8.1	0.2	0.1	0.010	0.07	2.84	0.66
		Non Saline	Slightly Alkaline	Very Low	Very Low	Very Low	Very Low	Low	Low
6382	Soil-02	7.8	8.0	0.9	0.5	0.045	0.34	7.61	5.89
		Slightly Saline	Slightly Alkaline	Very Low	Very Low	Very Low	Optimum	Very High	Very High
6383	Sed-1	2.4	7.6	0.7	0.4	0.035	0.38	22.32	5.12
		Very Slightly Saline	Slightly Alkaline	Very Low	Very Low	Very Low	High	Very High	Very High
6384	Sed-2	2.5	7.7	0.7	0.4	0.035	0.26	19.03	3.93
		Very Slightly Saline	Slightly Alkaline	Very Low	Very Low	Very Low	Medium	Very High	Very High
6385	Sed-3	2.7	7.5	1.3	0.8	0.065	0.81	24.95	7.15
		Very Slightly Saline	Slightly Alkaline	Low	Low	Very Low	Very High	Very High	Very High
6386	Sed-4	1.6	7.7	0.5	0.3	0.025	0.19	21.18	2.75
		Non Saline	Slightly Alkaline	Very Low	Very Low	Very Low	Medium	Very High	Very High
6387	Sed-5	4.1	7.8	0.5	0.3	0.025	0.25	20.22	3.29
		Slightly Saline	Slightly Alkaline	Very Low	Very Low	Very Low	Medium	Very High	Very High
6388	Sed-6	1.3	7.8	1.0	0.3	0.050	0.32	23.05	4.11
		Non Saline	Slightly Alkaline	Low	Very Low	Very Low	Optimum	Very High	Very High

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Lab No.	Sample ID	Sodium	Phosphorus	Sulphur	Iron	Manganese	Zinc	Lead	Cadmium
		meq/100g soil	µg/g (ppm)						
6381	Soil-01	0.14	1.54	8.22	14.71	0.75	0.74	2.40	0.22
			Very Low	Low	High	Very Low	Low		
6382	Soil-02	3.00	3.07	34.34	20.55	12.83	0.87	12.96	0.22
			Very Low	High	Very High	Very High	Low		
6383	Sed-1	1.20	16.00	35.32	12.29	2.80	0.95	9.60	0.17
			Medium	High	High	Optimum	Medium		
6384	Sed-2	1.15	7.20	29.85	14.21	3.82	1.41	7.20	0.22
			Very Low	Optimum	High	Very High	Optimum		
6385	Sed-3	1.60	10.90	55.19	53.05	3.15	1.64	14.89	0.20
			Low	Very High	Very High	High	Optimum		
6386	Sed-4	0.65	24.80	18.63	22.09	10.04	0.88	5.28	0.15
			Optimum	Medium	Very High	Very High	Low		
6387	Sed-5	1.25	11.09	14.71	19.89	9.72	0.82	6.24	0.18
			Low	Low	Very High	Very High	Low		
6388	Sed-6	0.65	14.40	10.16	65.25	10.55	0.87	8.64	0.13
			Low	Low	Very High	Very High	Low		

Lab No.	Sample No.	Textural Class	Sand	Silt	Clay
			%		
6381	Soil-01	Sand	90	10	0.00
6382	Soil-02	Silt Loam	7	67	26
6383	Sed-1	Silt Loam	6	76	18
6384	Sed-2	Silt Loam	11	76	13
6385	Sed-3	Silty Clay Loam	9	58	33
6386	Sed-4	Silt Loam	22	68	10
6387	Sed-5	Silt	12	81	7
6388	Sed-6	Silt Loam	6	79	15

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