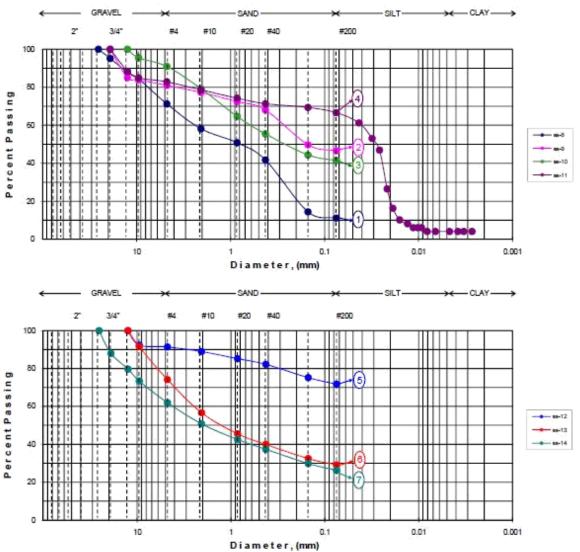
GRAIN-SIZE DISTRIBUTION CURVES



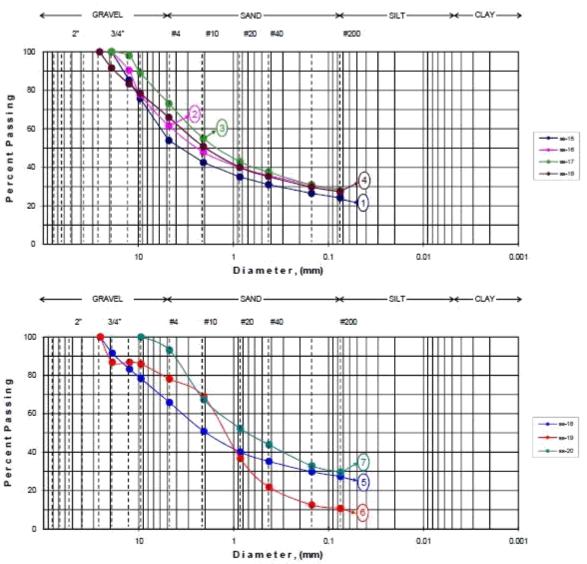


PROJECT SITE: PROPOSED SEWAGE TREATMENT PLANT FOR ZAMBOANGA WATER DISTRICT,
MAGAY STREET, ZAMBOANGA CITY

		MAGMI SIN	EE1, Edillo	ALTON CI					
BH NO.	SAMPLE NO.	DEPTH(m)	CURVENO.	NMC	ŭ	PL.	PI	USCS	DESCRIPTION
BH-2	ss-8	10.50-10.95	1	28.09	NP	NP	NP	SP-SM	Gray, fine SAND
BH-2	ss-9	12.00-12.45	.2	38.26	57	25	32	СН	Gray, CLAY, high plastic, with limestone fragments
BH-2	ss-10	13.50-13.95	3	30.08	49	20	29	SC-CL	Gray, sand-sized LIMESTONE fragments and CLAY mixture, medium plastic
BH-2	ss-11	15.00-15.45	.4	35.95	79	25	54	CH	Creamy white, CLAY, high plastic
BH-2	ss-12	16.50-16.95	25	38.64	77.	23	54	CH	Creamy white, CLAY, high plastic
BH-2	ss-13	18.00-18.45	6	27.35	43	20	23	SM	Creamy white, sand-sized LIMESTONE fragments, with some medium plastic clay
BH-2	ss-14	19.50-19.95	7	22.51	34	20	14	SM	Creamy white, tand-sized LIMESTONE fragments, with some medium plastic clay

GRAIN-SIZE DISTRIBUTION CURVES





PROJECT SITE: PROPOSED SEWAGE TREATMENT PLANT FOR ZAMBOANGA WATER DISTRICT, MAGAY, ZAMBOANGA CITY

		7.75							
BH NO.	SAMPLE NO.	DEPTH(m)	CURVENO.	NMC	ш	PL.	Pl	USCS	DESCRIPTION
BH-2	ss-15	21.00-21.45	1	21.91	Insuf	ficient s	mple	GM	Creamy white, gravel-sized LIMESTONE fragments with some slightly plastic clay
BH-2	ss-16	22.50-22.95	2	24.56	28	20	8	GM-SM	Creamy white, sand/gravel-sized LIMESTONE fragments, with slightly plastic clay
BH-2	ss-17	24.00-24.45	3	23.31	Insuf	fcient s	mple	SM	Creamy white, sand-sized LIMESTONE fragments, with some of slightly plastic clay
BH-2	ss-18	25.50-25.95	4	23.38	Insuf	ficient s	ample	GM-SM	Creamy white, sand/gravel-sized LIMESTONE fragments, with some slightly plastic clay
BH-2	ss-19	27.00-27.25	5	17.93	Insufficient sample		SP-SM	Creamy white, caref-sized LIMESTONE fragments, with little amount of slightly plastic day	
BH-2	ss-20	28.50-28.75	6	10.55	29	20	9	SM	Creamy white, sand-sized LIMESTONE fragments, with slightly plastic clay
BH-2	ss-21	30.00-30.45	7	13.85	NP	NP	NP	SM	Light brown, fine to medium SAND

CEGANALYTICS, INC. CIVIL ENGINEERING LABORATORY

PGA TECHNICAL CENTER BLDG.

No. 85 Kamuning Road Quezon City Tel. Nos.: 929-3352, 929-3354, 929-3355, 929-1786, 411-3180 Telefax: 929-3353

E-mail: pgamain.laboratory@gmail.com - website: www.pgatech.com.ph

PROJECT : The Proposed Sewage Treatment Plant for Zamboanga Water District

LOCATION : Magay, Zamboanga City

: AGES CUSTOMER

: AGES, 103 Dunhill St. Fairview Quezon City ADDRESS

: 15-08823 JOB NO. SAMPLE : Soil

: Moisture content, Ash & Organic matter of peat & other organic soils DESIRED TEST

REFERENCE : ASTM D-2974-00 (2006 Edition)

TEST REPORT

Borehole No.	Sample No.	Depth (m)	Moisture Content (%)	Ash Content (%)	Organic Matter (%)	
1	SS-13	19.50-19.95	33.6	96.5	3.5	
2	SS-2	2.00-2,45	19.4	96.1	3.9	

This laboratory is responsible for test only.

Note:

1) Date Tested 2) Date Released

3) Tested by

4) Furnace Temperature used for ash content determination was 440°C

Checked by:

Laboratory Manager

 $Page\ 1\ of\ 1$ this report shall not be reproduced except in full without written approval of the Laboratory

of Films and applied Chambary



Ateneo de Manila University Campus Loyola Heights, Quezon City E-mail: pipac@admu.edu.ph Website: http://www.pipac.com.ph Tel. (632) 426-6072

Fax: (632) 426-6073

ADVANCED GEOTECHNICAL ENGINEERING SERVICES, INC. (AGES) 103 Dunhill Street Fairview, Quezon City

20 October 2015 2015-2432-01 Page 1 of 1

REPORT OF ANALYSIS

SAMPLE(S)

Soil (SPT)

Project Title: The Proposed Sewage Treatment Plant

for Zamboanga Water District, Magay,

Zamboanga City

1.	BH-1 SS-7, (Depth: 9.00 -9.45m)
2.	BH-1 SS-11, (Depth: 16.50 -16.95m)
3.	BH-2 SS-4, (Depth: 4.50 -4.95m)
4.	BH-2 SS-17, (Depth: 24.00 -24.45m)

DATE SAMPLE(S) RECEIVED :

08 October 2015

DATE ANALYSIS STARTED

13 October 2015

DATE ANALYSIS FINISHED

Samples

20 October 2015

ANALYZED FOR

 Sulfate Chloride

RESULT(S):

Chloride, mg/kg Sulfate, mg/kg 1. BH-1 SS-7, (Depth: 9.00 -9.45m) 3,500 34

2. BH-1 SS-11, (Depth: 16.50 -16.95m) 68 130 BH-2 SS-4, (Depth: 4.50 -4.95m) 1,500 80 4. BH-2 SS-17, (Depth: 24.00 -24.45m) 170 73 Analytical Method(s)

THELMA JANE F. PARREÑAS Laboratory Manager

Chem. Reg. No.: 0005144

Institute Director

Water Extraction/Ion Chromatography

Chem. Reg. No.: 0004325

/mnb, SA #54224

This report shall not be reproduced except in full and shall not be used for advertisement or litigation without the written permission of PIPAC. The result(s) apply only to the sample(s) tested by PIPAC and shall not be construed as approval, disapproval, endorsement, or rejection of raw materials or products from which the samples were obtained.













PROPOSED SEWAGE TREATMENT PLANT FOR ZAMBOANGA WATER DISTRICT,
MAGAY. ZAMBOANGA CITY