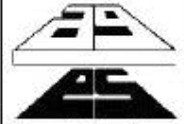


BOREHOLE LOG

BORING NO.: **BH-1**
 FINAL DEPTH: **30.45 m.**
 ELEVATION: **No. info.**
 GWT: **1.50 m.**
 DATE STARTED: **Sept. 18, 2015**
 DATE FINISHED: **Sept. 19, 2015**



AGES

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

DEPTH (m)	SAMPLE DESCRIPTION	SAMPLE NO.	CONSISTENCY	USCS	REC. RATIO R. Q. D N - VALUE	WATER CONTENT PL NMC LL	P.I.	OTHER TEST RESULTS
20	(Rec: 45/45 cm)							
21	(21.0-21.45 m) Creamy white, <i>sand/gravel-sized LIMESTONE fragments</i> , with some medium plastic clay. (Rec: 45/40 cm)	ss-14	Med. dense	GM-SM	13		19	
22	(22.5-22.95 m) - same materials - (Rec: 45/30 cm)	ss-15	Med. dense	GM-SM	17		16	
23								
24	(24.0-24.45 m) Creamy white, <i>sand-sized LIMESTONE fragments</i> , with slightly plastic clay. (Rec: 45/40 cm)	ss-16	Med. dense	SM	21		15	
25								
26	(25.5-25.95 m) Creamy white, <i>sand-sized LIMESTONE fragments</i> , with little amount of slightly plastic clay. (Rec: 45/35 cm)	ss-17	Med. dense	SM	21		9	
27	(27.0-27.45 m) Creamy white, <i>sand-sized LIMESTONE fragments</i> , with some slightly plastic clay. (Rec: 45/15 cm)	ss-18	Med. dense	SM	24		8	
28								
29	(28.5-28.95 m) Creamy white, <i>sand-sized LIMESTONE fragments</i> , with little amount of slightly plastic clay. (Rec: 45/10 cm)	ss-19	Med. dense	SM	24		8	

BOREHOLE LOG

BORING NO.: BH-1
 FINAL DEPTH: 30.45 m.
 ELEVATION: No. info.
 GWT: 1.50 m.
 DATE STARTED: Sept. 18, 2015
 DATE FINISHED: Sept. 19, 2015

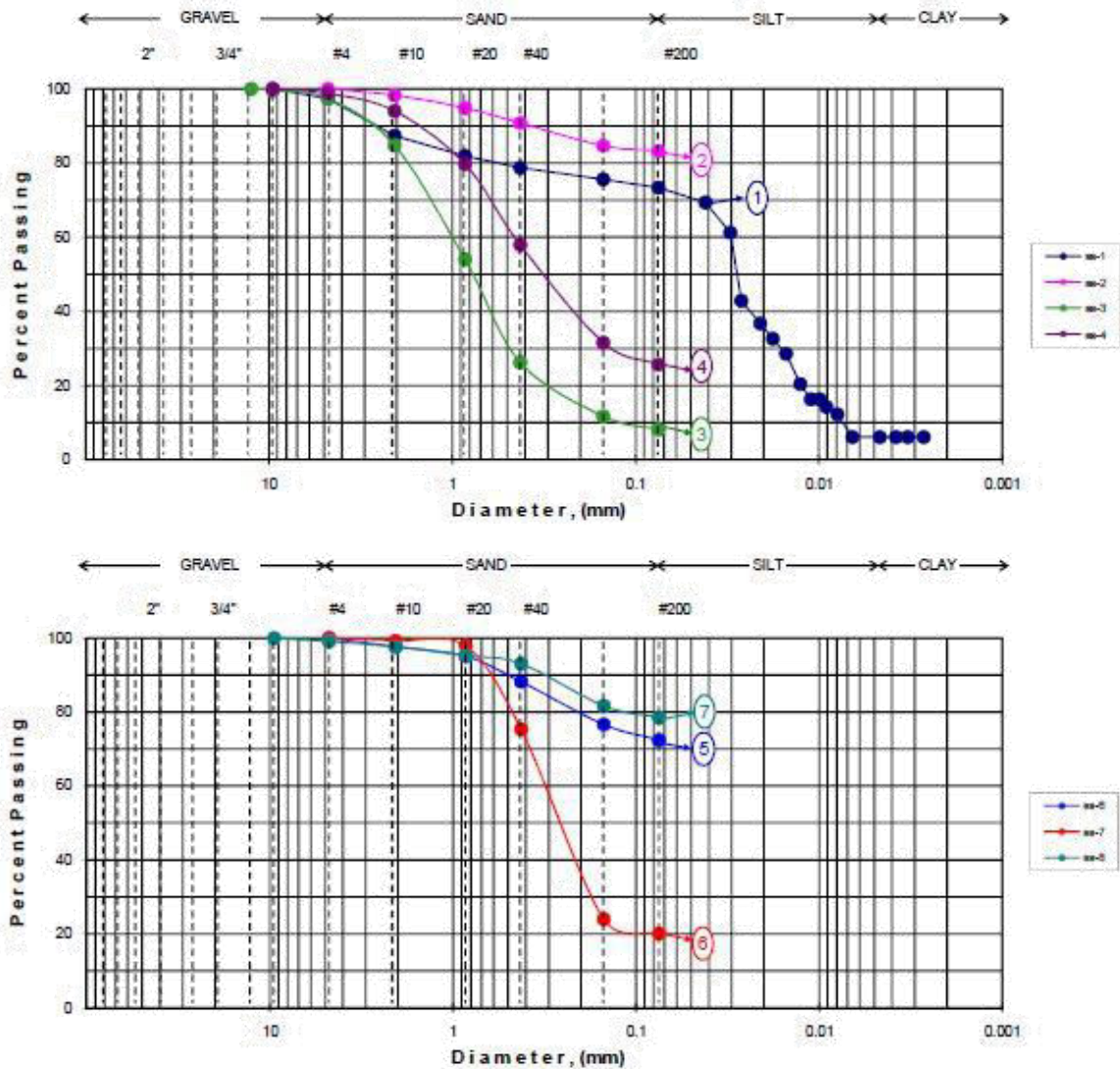


AGES

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

DEPTH (m)	SAMPLE DESCRIPTION	SAMPLE NO.	CONSISTENCY	USCS	REC. RATIO R. Q. D N - VALUE	WATER CONTENT PL NMC LL	P.I.	OTHER TEST RESULTS
30	(30.0-30.45 m.) Creamy white, <i>sand/gravel-sized LIMESTONE fragments</i> , with little amount of slightly plastic clay. (Rec: 45/40 cm.)	ss-20	Dense	GM-SM	10 30 50 ○ 34	20 60 100 ●	12	
31								
32	<i>End of Borehole @ 30.45m. Depth</i>							
33								
34								
35								
36								
37								
38								
39								
40								

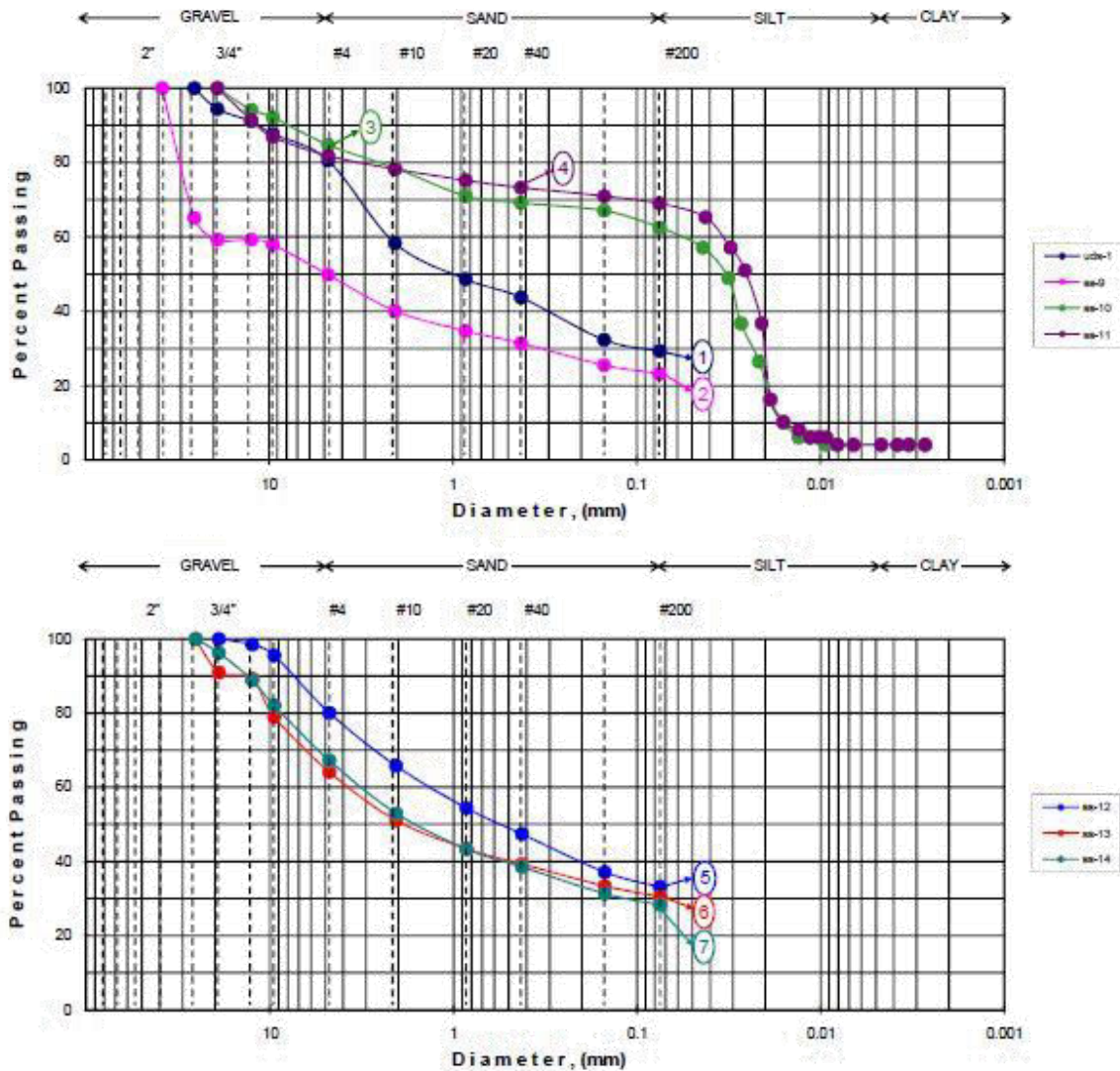
GRAIN-SIZE DISTRIBUTION CURVES



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

BH NO.	SAMPLE NO.	DEPTH(m)	CURVENO.	NMC	LL	PL	PI	USCS	DESCRIPTION
BH-1	ss-1	1.00-1.45	1	21.20	38	18	20	CL	Gray, silty CLAY, medium plastic
BH-1	ss-2	2.00-2.45	2	91.91	NP	NP	NP	ML	Dark gray, DECAYED materials
BH-1	ss-3	3.00-3.45	3	18.23	NP	NP	NP	SW-SM	Gray, fine to medium SAND
BH-1	ss-4	4.50-4.95	4	38.60	NP	NP	NP	SM	Dark gray, fine SAND
BH-1	ss-6	7.50-7.95	5	37.80	34	23	11	CL	Gray, silty CLAY, slightly plastic
BH-1	ss-7	9.00-9.45	6	45.99	NP	NP	NP	SM	Gray, fine SAND
BH-1	ss-8	10.50-10.95	7	61.37	98	35	63	CH	Gray, CLAY, high plastic

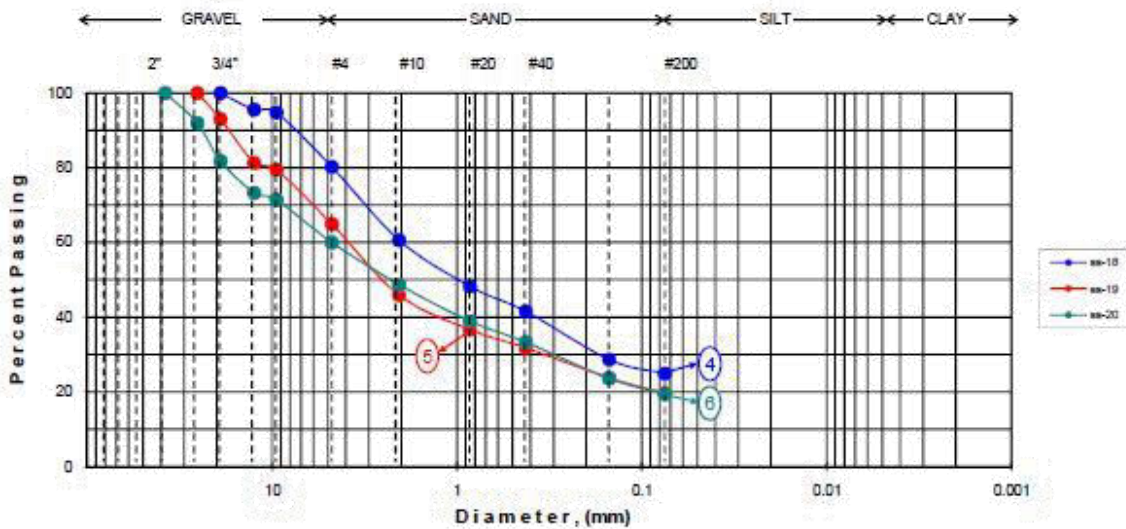
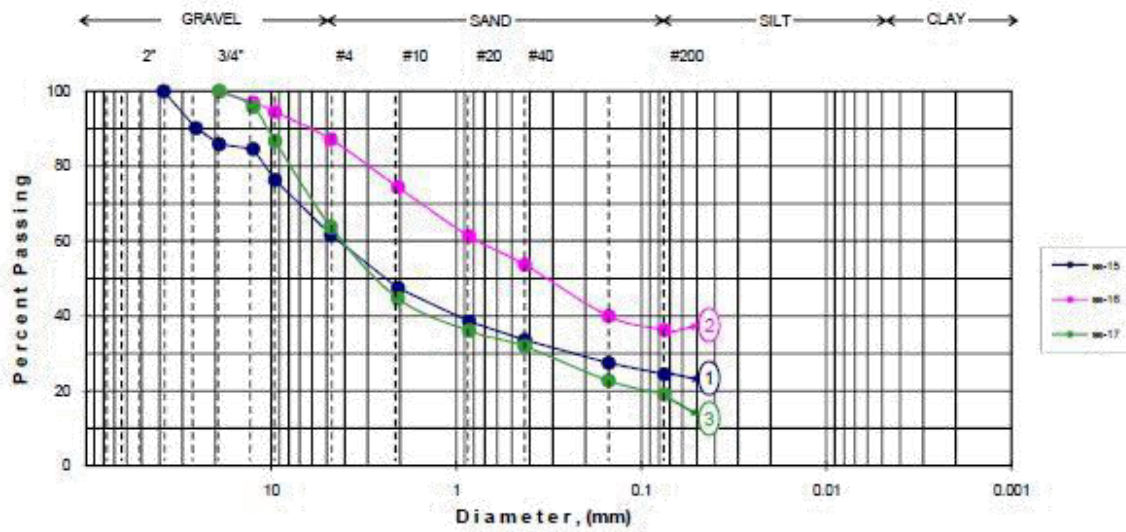
GRAIN-SIZE DISTRIBUTION CURVES



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

BH NO.	SAMPLE NO.	DEPTH (m)	CURVEND.	NMC	LL	PL	PI	USCS	DESCRIPTION
BH-1	uds-1	12.00-12.45	1	28.61	64	25	39	SM	Gray, fine SAND, with some high plastic clay, little amount of broken coral and fine gravel
BH-1	ss-9	13.50-13.95	2	24.70	90	38	52	GM	Creamy white, gravel-sized LIMESTONE fragments, with some high plastic clay
BH-1	ss-10	15.00-15.45	3	32.82	72	33	39	CH	Brown, sandy CLAY, high plastic
BH-1	ss-11	16.50-16.95	4	48.00	48	24	24	CL	Light brown, silty CLAY, medium plastic
BH-1	ss-12	18.00-18.45	5	30.83	34	19	15	SM	Creamy white, sand-sized LIMESTONE fragments, with medium plastic clay
BH-1	ss-13	19.50-19.95	6	36.97	38	20	18	GM-SM	Creamy white, sand/gravel-sized LIMESTONE fragments, with medium plastic clay
BH-1	ss-14	21.00-21.45	7	33.49	39	20	19	GM-SM	Creamy white, sand/gravel-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*

BH. NO.	SAMPLE NO.	DEPTH(m)	CURV. NO.	NMC	LL	PL	PI	USCS	DESCRIPTION
BH-1	ss-15	22.50-22.95	1	26.47	36	20	16	GM-SM	Creamy white, sand/gravel-sized LIMESTONE fragments, with some medium plastic clay
BH-1	ss-16	24.00-24.45	2	27.38	34	19	15	SM	Creamy white, sand-sized LIMESTONE fragments, with slightly plastic clay
BH-1	ss-17	25.50-25.95	3	20.19	30	21	9	SM	Creamy white, sand-sized LIMESTONE fragments, with little amount of slightly plastic clay
BH-1	ss-18	27.00-27.45	4	20.70	28	20	8	SM	Creamy white, sand-sized LIMESTONE fragments, with some slightly plastic clay
BH-1	ss-19	28.50-28.95	5	20.56	27	19	8	SM	Creamy white, sand-sized LIMESTONE fragments, with little amount of slightly plastic clay
BH-1	ss-20	30.00-30.45	6	20.79	29	17	12	GM-SM	Creamy white, sand/gravel-sized LIMESTONE fragments, with little amount of slightly plastic clay

