

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Bugesera
 Borehole: BH1
 Drilling method: Drilling rig with a double tube coring barrel

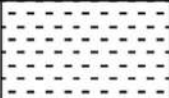
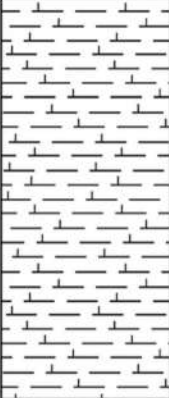
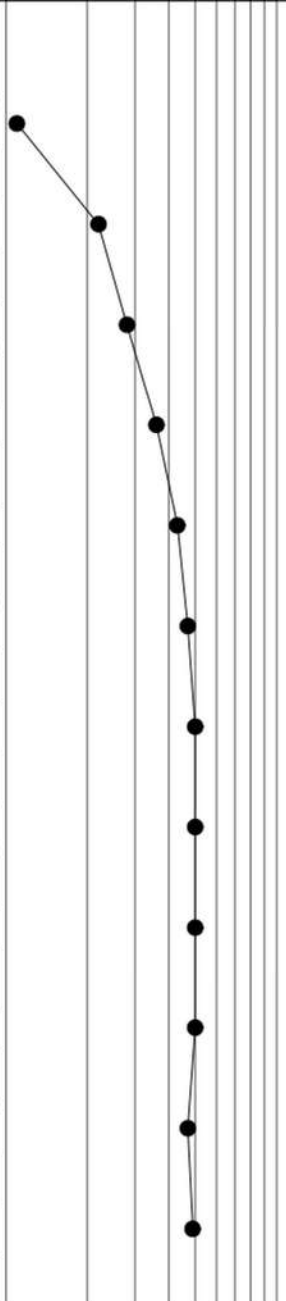
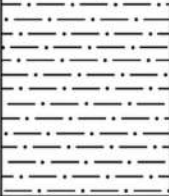

Boring Depth: 12.45 meters
 X coordinate: 848800.636
 Y coordinate: 9750936.68
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Dark brown to black, soft, organic-rich vegetal soil with traces of peat; loose structure, high moisture content					
1	Gray, soft to firm clay, plastic, moist to wet, with low permeability		SPT1	7-7-8	15	
2			SPT2	11-7-15	22	
3	Grayish, stiff gravelly sandy clay; dry to moist, low to medium plasticity, with scattered fine to medium subangular gravels		SPT3	'10-16-20	14	
4			SPT4	'14-22-25	20	
5			SPT5	20-30-20	36	
6			SPT6	25-35-15	50	
7			SPT7	30-42-8	50	
8			SPT8	'8-38-12	50	
9	Gray, medium dense clayey sand, fine to medium grained, slightly micaceous, moist, with low to medium plasticity		SPT9	'19-29-21	50	
10			SPT10	'18-25-25	50	
11			SPT11	'20-28-22	50	
12			SPT12	'17-24-26	50	
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Bugesera
 Borehole: BH2
 Drilling method: Drilling rig with a double tube coring barrel

Boring Depth: 12.45 meters
 X coordinate: 848328.615
 Y coordinate: 9750793.867
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Blackish clay, soft consistency, high plasticity, with occasional organic traces					
1	Gray, firm sandy clay with gravel; dry to moist, low to medium plasticity		SPT1	3-5-6	11	
2			SPT2	6-8-14	22	
3			SPT3	9-12-16	28	
4			SPT4	14-16-20	36	
5	Gray silty sand, fine to medium, slightly micaceous; loose to medium dense, dry to moist		SPT5	18-20-23	43	
6			SPT6	17-22-25	47	
7	Yellowish-gray silty sand, fine to medium, slightly micaceous; loose to medium dense, dry to moist		SPT7	18-24-26	50	
8			SPT8	16-25-25	50	
9			SPT9	20-28-22	50	
10			SPT10	18-25-25	50	
11			SPT11	14-21-26	47	
12			SPT12	17-23-26	49	
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Bugesera
 Borehole: BH3
 Drilling method: Drilling rig with a double tube coring barrel

Boring Depth: 12.45 meters
 X coordinate: 829943.454
 Y coordinate: 9746936.722
 Water Level: From 0 meter

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Grayish to reddish silty sandy gravel, fine to medium, slightly moist, subangular grains					
1	Grayish clayey gravel with sandstone fragments; slightly moist		SPT1	3-4-5	9	
2			SPT2	4-6-7	13	
3	Blackish peat, highly organic and very soft		SPT3	1-2-2	4	
4	Grayish clay, soft to firm, moist		SPT4	2-2-2	4	
5			SPT5	2-3-2	5	
6			SPT6	3-2-2	4	
7			SPT7	2-3-2	5	
8	Blackish peat, highly organic and very soft		SPT8	2-2-2	4	
9			SPT9	2-3-4	7	
10			SPT10	3-4-5	9	
11	Reddish silty sand with mica flakes; loose, slightly moist		SPT11	4-8-10	18	
12			SPT12	5-9-11	20	
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Nyanza
 Borehole: BH4
 Drilling method: Drilling rig with a double tube coring barrel

Boring Depth: 12.45 meters
 X coordinate: 828691.767
 Y coordinate: 9746890.035
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Blackish clay, soft, moist					
1	Grayish shale, laminated, slightly weathered		SPT1	2-3-3	6	
2			SPT2	4-5-7	12	
3			SPT3	8-14-17	31	
4			SPT4	16-24-26	50	
5			SPT5	17-27-23	50	
6			SPT6	14-28-22	50	
7	Yellowish shale, moderately weathered, laminated		SPT7	11-17-23	40	
8			SPT8	18-25-25	50	
9			SPT9	16-23-27	50	
10			SPT10	22-30-20	50	
11			SPT11	21-28-22	50	
12			SPT12	20-32-18	50	
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Bugesera
 Borehole: BH5
 Drilling method: Drilling rig with a double tube coring barrel

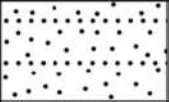
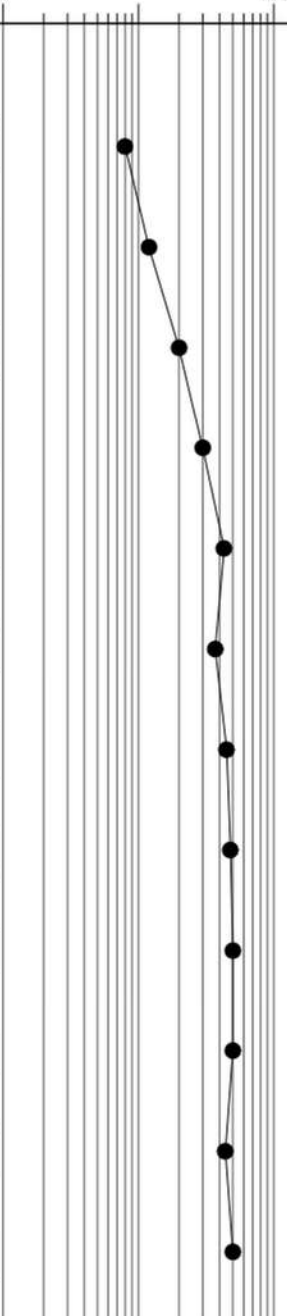


Boring Depth: 12.45 meters
 X coordinate: 828163.534
 Y coordinate: 9746631.583
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Brownish, soft silt with rootlets; dry to moist, medium plasticity, fine-grained, slightly organic	[Symbol: Dotted pattern]	SPT1	6-7-9	16	
1						
2	Brownish, soft to firm silt; dry to moist, medium plasticity, fine-grained	[Symbol: Dotted pattern]	SPT2	10-8-12	20	
3						
4						
4	Brownish-yellowish gravelly sandy silt; firm, dry to moist, low plasticity	[Symbol: Horizontal dashes]	SPT4	17-22-27	49	
5						
6	Reddish sandy silt; firm, dry to moist, low plasticity	[Symbol: Horizontal dashes]	SPT6	20-30-20	50	
7						
8	Brownish-yellowish silt; soft to firm, dry to moist, medium plasticity	[Symbol: Dotted pattern]	SPT8	25-35-15	50	
9						
10						
11	Yellowish silt; soft to firm, dry to moist, medium plasticity	[Symbol: Dotted pattern]	SPT11	23-42-8	50	
12						
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Bugesera
 Borehole: BH6
 Drilling method: Drilling rig with a double tube coring barrel

Boring Depth: 12.45 meters
 X coordinate: 824300.08
 Y coordinate: 9747614.15
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Dark brownish, soft to firm silt; dry, medium plasticity, fine-grained, uniform texture					
1			SPT1	3-4-4	8	
2			SPT2	4-5-7	12	
3			SPT3	7-8-12	20	
4			SPT4	10-14-16	30	
5	SPT5	14-20-23	43			
6	Brownish-grayish clayey silt; firm, moist, medium plasticity		SPT6	11-17-20	37	
7			SPT7	12-20-25	45	
8	Yellowish to grayish, firm sandy clay; moist, low to medium plasticity, fine to medium sand content, slightly cohesive		SPT8	13-23-25	48	
9			SPT9	17-25-25	50	
10			SPT10	14-24-26	50	
11			SPT11	13-20-24	44	
12			SPT12	17-26-24	50	
13						

Notes :

Project: Bugesera - Nyanza - Gisagara Transmission line
 Logged by: IRADUKUNDA Jeremie
 District: Gisagara
 Borehole: BH7
 Drilling method: Drilling rig with a double tube coring barrel

Boring Depth: 12.45 meters
 X coordinate: 829036
 Y coordinate: 9725433
 Water Level: No GW until 12 meters

DEPTH BELOW	LITHOLOGY			SAMPLING DATA		
	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	LITHOLOGIC SYMBOL	NUMBER	SPT DATA	SPT N Value	SPT GRAPH (Blows Per Foot)
00	Brownish sandy silt, loose, slightly moist					
1	Reddish silty sand with mica flakes; loose, slightly moist		SPT1	4-4-7	11	
2			SPT2	7-9-13	22	
3	"Orange to whitish silty sand with mica flakes; loose, slightly moist		SPT3	14-20-27	47	
4	Brownish clay, firm, slightly moist		SPT4	19-30-20	50	
5			SPT5	25-35-15	50	
6	Orange to whitish silty sand with mica flakes; slightly moist, compact		SPT6	20-40-10	50	
7			SPT7	30-40-10	50	
8			SPT8	25-35-15	50	
9			SPT9	28-32-18	50	
10			SPT10	30-38-12	50	
11			SPT11	27-42-8	50	
12			SPT12	30-45-5	50	

Notes :