

MATERIAL APPROVAL REQUEST



Contractor Company	Al-AHRAM 2020 CO. for General Contracting			Designer Company	(KK) Engineering Consulting Office						
Issued by Contractor	Name	Sign		Date/Serial Number	Time						
				2023-10-14	08:00						
				MAR 008- 1							
Received by GARB CONSULTANT	(KK)		MAR	C1	C2	C3	DD	MM	YY	HH	MM
				329	EW	CS	15	10	23	08	00

CODE-1	S1 to S21	D1 to S3	Kp XXX Note
	Station Reference	Depot Reference	For Kilometer point only Start Km is used
CODE-2	Work Activity		
	Sub Element of Activity		

Description of Materials	Fill Layer Total Quantity (25000 m ³)		
Location to be Used	Station (329+700 : 330+700)		
Sample only	Yes	Materials Type	Fill layers
Supplier Name	ELSEWY	Data Sheet provided	Yes attached
Reference in BoQ		Specification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CG21-41.2) VERSION 2 BY CIVECON GROUP
Prequalification reference		Test Samples Results	
Reference Photos	No/Yes	Other	
Comments by: Eng.(KK)		Comments by: Eng. Alaa Abd-Allatif (ER)	
1-Quality test Result By Third Party Lab is Approved.		1- All tests were carried-out by third Party lab (CEL)	
2-This Sample Representative (5000 m3) only.		2-Results report attached and acceptable with the project specifications.	
		3-Final approval is subject to above mentioned comments.	
		4-Final approval after CBR & organic Content	

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor				A
QA/QC *	(KK)			A
GARB**	Eng. Mohammed Fayad			
Employers Representative	Eng. Alaa Abd-Allatif		16-10-2023	AWC

* Designer

** Alignment/Bridges: Culvert only

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

Dear Gentleman,

Attached here with the Soil Embankment delivered on 15/10/2023

Materials test

1. Sieve analysis according to ASTM D-422.
2. Material finer than sieve No. 200 according to ASTM D-1140.
3. Liquid limits and plasticity index of soil according to ASTM D-4318.
4. Soil classification according to Project Specs.
5. Proctor Test according to ASTM D-1557

Note: The sample was brought by the client to our laboratory and the laboratory is not responsible for the way it is taken

Signature / The stamp is an oval shape with a blue border. Inside, it features the CEL logo at the top, followed by the text 'مكتب معامل الاستشارات الهندسية' (Consulting Engineering Bureau & Laboratories). Below this, it says 'البريد الإلكتروني' (Email) and 'رام فصيله الهندسية' (Ramy Fawsih Engineering). At the bottom, it lists phone numbers '826 - 824 - 827' and a fax number '826 - 824 - 827', along with the address 'البريد الإلكتروني : 3 شارع الملك الأفطال - الزمالك - القاهرة' (Email: 3 El Malek El Afdal Street - Zamalek - Cairo).

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

Sieve Size (mm)	Passing %
50	100
37.5	99.7
25	93.9
19	83.8
12.50	68.8
9.50	62.8
4.75	49.8
2.36	47.1
2.00	45.0
1.18	39.4
0.600	35.1
0.425	32.2
0.300	24.1
0.150	18.7

Signature

CEL
مكتب معامل الاستشارات الهندسية

الساحل الشمالي

رقم التسجيل 837 - 804 - 810
شماره الترخيص : 81 شارع الملك ابي الفضل - الزمالك - القاهرة

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

**Materials finer than 75 μ m (no.200) sieve
by washing ASTM D-1140.**

Test	Results (%)
Percentage of material finer than Sieve Size 75 μ M (No.200)	12.0

Signature



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

**Results of liquid limit and plasticity index
of soils according to ASTM D-4318**

Test	Results (%)
Liquid Limit	NP
Plastic Limit	NP
Plasticity Index	NP

Signature /



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

Soil Classification According to Project Specs (Embankment)

TEST	Results (%)	Limits according Projects Specs	
• Group Classification	(A-1-b)	(A-1-a)	(A-1-b)
2.00 mm (No.10).	45.0	Max 50 %	-----
0.425 mm (No. 40).	32.2	Max 30 %	Max 50 %
0.075 mm (No. 200).	12.0	Max 15 %	Max 15 %
Characteristics of fraction passing 0.425 mm (No.40)			
Liquid Limit	NP	-----	-----
Plasticity index	NP	Max 6 %	Max 6 %

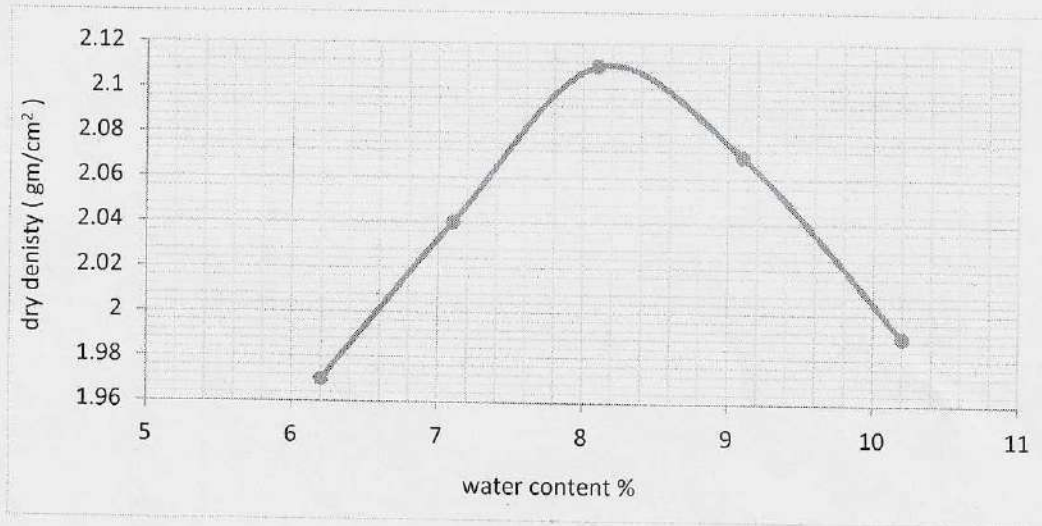
The test results are ☒ Comply - ☐ Not Comply) with specifications limits

السجل الشامل
رقم السجل الشامل: 210-091-037
تليفون: 27367231 - 27363093
فاكس: 27367231 - 27363093

Signature /

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 001
Sample No. : 01

Moisture – Density relation of soil
Test result (Modified proctor test)
ASTM D-1557



- Max dry density (gm/cm²) : 2.12
- Optimum moisture content % : 8.1

Signature /



**MATERIAL
APPROVAL
REQUEST**



الأهرام
2020



الهيئة العامة
للطرق والكباري
(GARB)



الهيئة العامة
للطرق والكباري



Contractor Company	AI-AHRAM 2020 CO. for General Contracting			Designer Company	(KK) Engineering Consulting Office						
Issued by Contractor	Name	Sign		Date/Serial Number	Time						
				2023-10-14	08:00						
				MAR 010-1							
Received by GARB CONSULTANT	(KK)		MAR	C1	C2	C3	DD	MM	YY	HH	MM
				329	EW	CS	15	10	23	08	00

CODE-1	S1 to S21	D1 to S3	Kp XXX Note
	Station Reference	Depot Reference	For Kilometer point only Start Km is used
CODE-2	Work Activity		
	Sub Element of Activity		

Description of Materials	Fill Layer Total Quantity (35000 m ³)		
Location to be Used	Station (329+700 : 330+700)		
Sample only	Yes	Materials Type	Fill layers
Supplier Name	ELSEWY	Data Sheet provided	Yes attached
Reference in BoQ		Specification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CG21-41.2) VERSION 2 BY CIVECON GROUP
Prequalification reference		Test Samples Results	
Reference Photos	No/Yes	Other	
Comments by: Eng. (KK)		Comments by: Eng. Alaa Abd-Allatif (ER)	
1-Quality test Result By Third Party Lab is Approved.		1- All tests were carried-out by third Party lab (CEL)	
2-This Sample Representative (5000 m ³) only.		2-Results report attached and acceptable with the project specifications.	
		3-Final approval is subject to above mentioned comments.	
		4. Final approval after CBR & organic content.	

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor				A
QA/QC *	(KK)			A
GARB**	Eng. Mohammed Fayad			
Employers Representative	Eng. Alaa Abd-Allatif			AWC

* Designer

** Alignment/Bridges: Culvert only

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

Dear Gentleman,

Attached here with the Soil Embankment delivered on 15/10/2023

Materials test

1. Sieve analysis according to ASTM D-422.
2. Material finer than sieve No. 200 according to ASTM D-1140.
3. Liquid limits and plasticity index of soil according to ASTM D-4318.
4. Soil classification according to Project Specs.
5. Proctor Test according to ASTM D-1557

Note: The sample was brought by the client to our laboratory and the laboratory is not responsible for the way it is taken

Signature /


Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

Sieve Size (mm)	Passing %
50	100
37.5	99.1
25	86.7
19	79.4
12.50	65.4
9.50	59.4
4.75	48.7
2.36	46.1
2.00	42.1
1.18	38.7
0.600	36.1
0.425	33.4
0.300	24.6
0.150	18.9

Signature /



Company Name : الازهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

**Materials finer than 75 μ m (no.200) sieve
by washing ASTM D-1140.**

Test	Results (%)
Percentage of material finer than Sieve Size 75 μ M (No.200)	12.4

Signature /



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

**Results of liquid limit and plasticity index
of soils according to ASTM D-4318**

Test	Results (%)
Liquid Limit	NP
Plastic Limit	NP
Plasticity Index	NP



Signature /

Company Name : 2020 الاهرام
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

Soil Classification According to Project Specs (Embankment)

TEST	Results (%)	Limits according Projects Specs	
• Group Classification	(A-1-b)	(A-1-a)	(A-1-b)
2.00 mm (No.10).	42.1	Max 50 %	-----
0.425 mm (No. 40).	33.4	Max 30 %	Max 50 %
0.075 mm (No. 200).	12.4	Max 15 %	Max 15 %
Characteristics of fraction passing 0.425 mm (No.40)			
Liquid Limit	NP	-----	-----
Plasticity index	NP	Max 6 %	Max 6 %

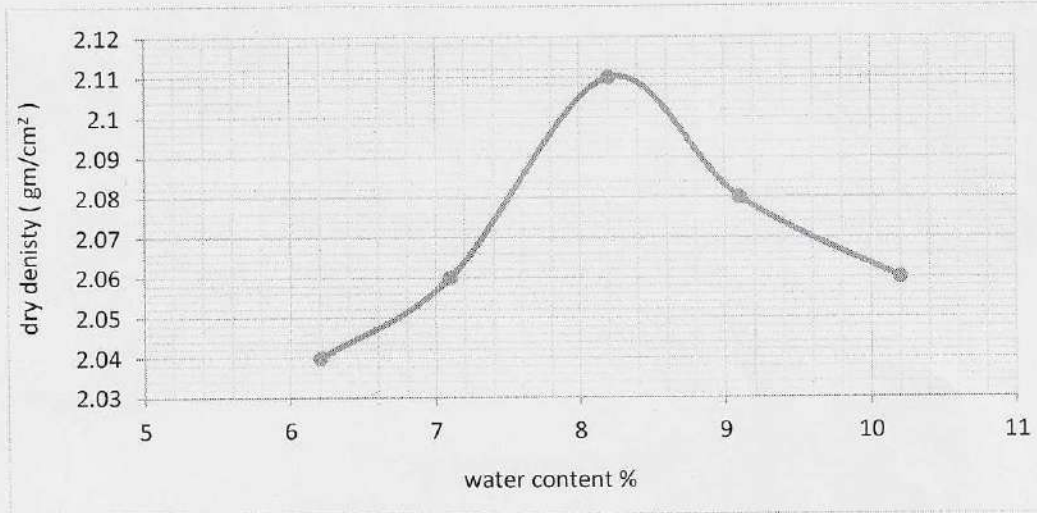
The test results are (☒ Comply ☐ Not Comply) with specifications limits

Signature / ...



Company Name : الازهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 003
Sample No. : 03

Moisture – Density relation of soil
Test result (Modified proctor test)
ASTM D-1557



- Max dry density (gm/cm²) : 2.11
- Optimum moisture content % : 8.2

Signature /



MATERIAL APPROVAL REQUEST										

Contractor Company	Al-AHRAM 2020 CO. for General Contracting			Designer Company	(KK) Engineering Consulting Office						
Issued by Contractor	Name	Sign		Date/Serial Number	Time						
				2023-10-14 MAR 009-1	08:00						
Received by GARB CONSULTANT	(KK)	Chaled Zaki	MAR	C1 329	C2 EW	C3 CS	DD 15	MM 10	YY 23	HH 08	MM 00

CODE-1	S1 to S21	D1 to S3	Kp XXX Note
	Station Reference	Depot Reference	For Kilometer point only Start Km is used
CODE-2	Work Activity		
CODE-3	Sub Element of Activity		

Description of Materials	Fill Layer Total Quantity (30000 m ³)		
Location to be Used	Station (329+700 : 330+700)		
Sample only	Yes	Materials Type	Fill layers
Supplier Name	ELSEWY	Data Sheet provided	Yes attached
Reference in BoQ		Specification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CG21-41.2) VERSION 2 BY CIVECON GROUP
Prequalification reference		Test Samples Results	
Reference Photos	No/Yes	Other	

Comments by: Eng.(KK)	Comments by: Eng. Alaa Abd-Allatif (ER)
1-Quality test Result By Third Party Lab is Approved. 2-This Sample Representative (5000 m ³) only.	1- All tests were carried-out by third Party lab (CEL) 2-Results report attached and acceptable with the project specifications. 3-Final approval is subject to above mentioned comments. 4 Final approval after CBR & organic Content

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor				A
QA/QC *	(KK)	Chaled Zaki		A
GARB**	Eng. Mohammed Fayad			
Employers Representative	Eng. Alaa Abd-Allatif		16-10-2023	AWC

* Designer

** Alignment/Bridges: Culvert only

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

Dear Gentleman,

Attached here with the Soil Embankment delivered on 15/10/2023

Materials test

1. Sieve analysis according to ASTM D-422.
2. Material finer than sieve No. 200 according to ASTM D-1140.
3. Liquid limits and plasticity index of soil according to ASTM D-4318.
4. Soil classification according to Project Specs.
5. Proctor Test according to ASTM D-1557

Note: The sample was brought by the client to our laboratory and the laboratory is not responsible for the way it is taken

Signature /
A blue oval stamp containing the CEL logo and Arabic text: 'مكتب معامل الاستشارات الهندسية', 'الساحل الشمالي', 'رقم تسجيل المصداقية: ٢٢٧ - ٢٢٨', and 'مركز شبراخيت - شارع الملك الراحل - القاهرة'.

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

Sieve Size (mm)	Passing %
50	100
37.5	98.7
25	92.6
19	84.1
12.50	69.7
9.50	61.6
4.75	47.4
2.36	44.5
2.00	41.2
1.18	37.9
0.600	34.1
0.425	32.4
0.300	22.4
0.150	13.7

Signature /



Company Name : 2020 الاهرام
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

**Materials finer than 75 μ m (no.200) sieve
by washing ASTM D-1140.**

Test	Results (%)
Percentage of material finer than Sieve Size 75 μ M (No.200)	13.4

Signature /



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

**Results of liquid limit and plasticity index
of soils according to ASTM D-4318**

Test	Results (%)
Liquid Limit	NP
Plastic Limit	NP
Plasticity Index	NP

Signature /



Company Name : 2020 الاهرام
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

Soil Classification According to Project Specs (Embankment)

TEST	Results (%)	Limits according Projects Specs	
• Group Classification	(A-1-b)	(A-1-a)	(A-1-b)
2.00 mm (No.10).	41.2	Max 50 %	-----
0.425 mm (No. 40).	32.4	Max 30 %	Max 50 %
0.075 mm (No. 200).	13.4	Max 15 %	Max 15 %
Characteristics of fraction passing 0.425 mm (No.40)			
Liquid Limit	NP	-----	-----
Plasticity index	NP	Max 6 %	Max 6 %

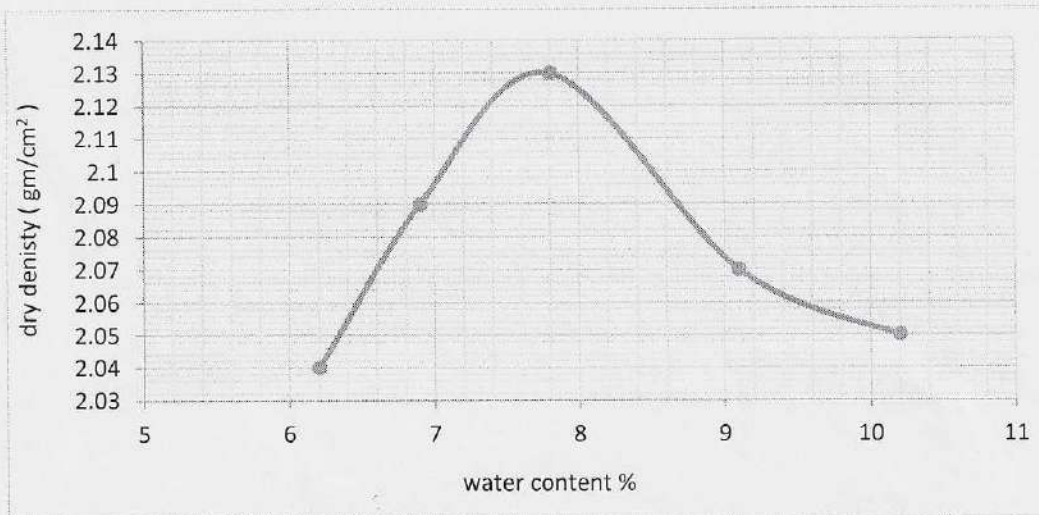
The test results are ☒ Comply - ☐ Not Comply) with specifications limits



Signature /

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 002
Sample No. : 02

Moisture – Density relation of soil
Test result (Modified proctor test)
ASTM D-1557



- Max dry density (gm/cm³) : 2.13
- Optimum moisture content % : 7.8

Signature /



MATERIAL APPROVAL REQUEST



الأهرام
2020



أطرية المأوى
للطرق والكباري
(GARB)



المعهد القومي للمهندسين
الذين هم



Contractor Company	AI-AHRAM 2020 CO. for General Contracting			Designer Company	(KK) Engineering Consulting Office						
Issued by Contractor	Name	Sign		Date/Serial Number	Time						
				2023-10-14	08:00						
				MAR 011- 1							
Received by GARB CONSULTANT	(KK)	Khaled Zaki	MAR	C1	C2	C3	DD	MM	YY	HH	MM
				329	EW	CS	15	10	23	08	00

CODE-1	S1 to S21	D1 to S3	Kp XXX Note
	Station Reference	Depot Reference	For Kilometer point only Start Km is used
	Work Activity		
	Sub Element of Activity		

Description of Materials	Fill Layer Total Quantity (40000 m³)		
Location to be Used	Station (329+700 : 330+700)		
Sample only	Yes	Materials Type	Fill layers
Supplier Name	ELSEWY	Data Sheet provided	Yes attached
Reference in BoQ		Specification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CG21-41.2) VERSION 2 BY CIVECON GROUP
Prequalification reference		Test Samples Results	
Reference Photos	No/Yes	Other	
Comments by: Eng.(KK)		Comments by: Eng. Alaa Abd-Allatif (ER)	
1-Quality test Result By Third Party Lab is Approved.		1- All tests were carried-out by third Party lab (CEL)	
2-This Sample Representative (5000 m3) only.		2-Results report attached and acceptable with the project specifications.	
		3-Final approval is subject to above mentioned comments.	
		4-Final approval after CBR & organic Content.	

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor				A
QA/QC *	(KK)	Khaled Zaki		A
GARB**	Eng. Mohammed Fayad			
Employers Representative	Eng. Alaa Abd-Allatif		16-10-2023	AWC

* Designer

** Alignment/Bridges: Culvert only

Company Name : 2020 الاهرام
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 004
Sample No. : 04

Dear Gentleman,

Attached here with the Soil Embankment delivered on 15/10/2023

Materials test

1. Sieve analysis according to ASTM D-422.
2. Material finer than sieve No. 200 according to ASTM D-1140.
3. Liquid limits and plasticity index of soil according to ASTM D-4318.
4. Soil classification according to Project Specs.
5. Proctor Test according to ASTM D-1557

Note: The sample was brought by the client to our laboratory and the laboratory is not responsible for the way it is taken

Signature /



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 004
Sample No. : 04

RESULTS OF SIEVE ANALYSIS According to ASTM D-422.

Sieve Size (mm)	Passing %
50	100
37.5	100
25	97.4
19	86.1
12.50	71.2
9.50	64.2
4.75	50.1
2.36	42.6
2.00	39.7
1.18	36.1
0.600	33.6
0.425	31.4
0.300	21.3
0.150	17.4

CEL
مكتب معامل الاستشارات الهندسية
الساحل الشمالي

Signature /
د. محمد عبد الحليم
مدير المختبر - القاهرة - مصر

٣ ش الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 004
Sample No. : 04

Results of liquid limit and plasticity index
of soils according to ASTM D-4318

Test	Results (%)
Liquid Limit	NP
Plastic Limit	NP
Plasticity Index	NP

Signature / 

Company Name : 2020 الاهرام
 Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
 Location : St. (329+700) : (430+700)
 Type of sample : Soil Embankment
 Delivery Date : 15/10/2023
 Reporting Date : 16/10/2023
 Reporting No. : 004
 Sample No. : 04

Soil Classification According to Project Specs (Embankment)

TEST	Results (%)	Limits according Projects Specs	
• Group Classification	(A-1-b)	(A-1-a)	(A-1-b)
2.00 mm (No.10).	39.7	Max 50 %	-----
0.425 mm (No. 40).	31.4	Max 30 %	Max 50 %
0.075 mm (No. 200).	11.7	Max 15 %	Max 15 %
Characteristics of fraction passing 0.425 mm (No.40)			
Liquid Limit	NP	-----	-----
Plasticity index	NP	Max 6 %	Max 6 %

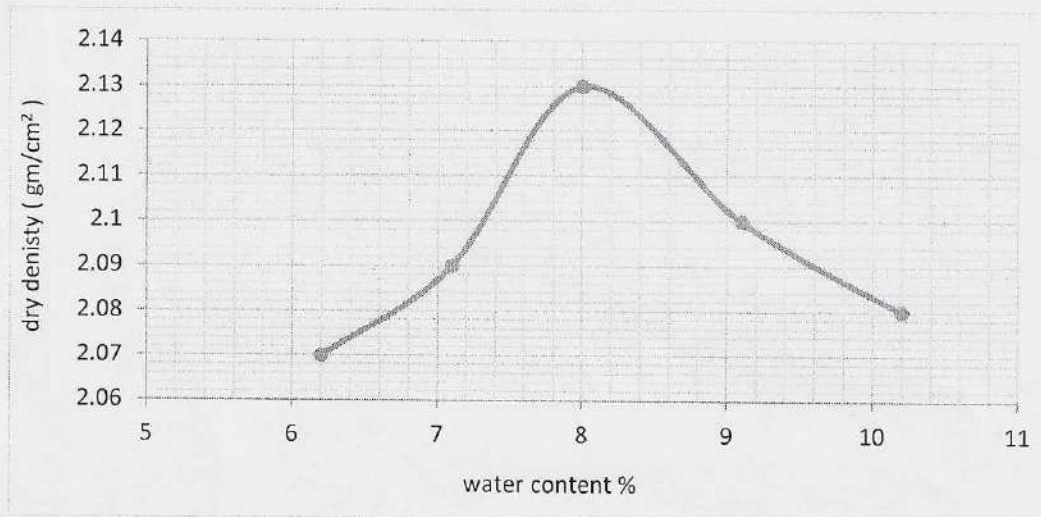
The test results are (☒ Comply - ☐ Not Comply) with specifications limits

Signature /



Company Name : الاهرام 2020
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Location : St. (329+700) : (430+700)
Type of sample : Soil Embankment
Delivery Date : 15/10/2023
Reporting Date : 16/10/2023
Reporting No. : 004
Sample No. : 04

Moisture – Density relation of soil
Test result (Modified proctor test)
ASTM D-1557



- Max dry density (gm/cm³) : 2.13
- Optimum moisture content % : 8.0

Signature /



Material Table			
Station	Area	Volume	Cumulative Volume
329+700.00	58.33	0.00	0.00
329+720.00	60.80	1191.28	1191.28
329+740.00	62.00	1228.02	2419.30
329+760.00	60.73	1227.33	3646.63
329+780.00	0.00	607.34	4253.98
329+800.00	0.00	0.00	4253.98
329+820.00	48.08	480.77	4734.74
329+840.00	62.30	1103.76	5838.51
329+860.00	65.55	1278.49	7117.00
329+880.00	64.99	1305.44	8422.43
329+900.00	66.16	1311.52	9733.95
329+920.00	66.19	1323.52	11057.48
329+940.00	66.98	1331.71	12389.18
329+960.00	66.56	1335.33	13724.52
329+980.00	65.00	1315.62	15040.14
330+000.00	64.63	1296.35	16336.49
330+020.00	64.53	1291.58	17628.07
330+040.00	65.80	1303.27	18931.34
330+060.00	63.87	1296.67	20228.01
330+080.00	61.33	1252.00	21480.01

Material Table			
Station	Area	Volume	Cumulative Volume
330+100.00	55.95	1172.85	22652.87
330+120.00	49.47	1054.22	23707.09
330+140.00	44.11	935.77	24642.86
330+160.00	42.16	862.63	25505.49
330+180.00	41.87	840.23	26345.72
330+200.00	37.75	796.18	27141.90
330+220.00	31.10	688.50	27830.40
330+240.00	24.92	560.20	28390.60
330+260.00	17.98	428.96	28819.56
330+280.00	12.13	301.03	29120.59
330+300.00	4.16	162.88	29283.47
330+320.00	0.00	41.61	29325.08
330+340.00	0.00	0.00	29325.08
330+360.00	0.00	0.00	29325.08
330+380.00	0.00	0.00	29325.08
330+400.00	0.00	0.00	29325.08
330+420.00	30.36	303.60	29628.68
330+440.00	29.73	600.94	30229.62
330+460.00	29.71	594.40	30824.02
330+480.00	30.40	601.05	31425.07

Material Table			
Station	Area	Volume	Cumulative Volume
330+500.00	31.06	614.61	32039.68
330+520.00	32.03	630.91	32670.59
330+540.00	31.72	637.47	33308.06
330+560.00	30.39	621.03	33929.09
330+580.00	30.43	608.13	34537.22
330+600.00	30.71	611.39	35148.60
330+620.00	30.49	612.03	35760.63
330+640.00	30.71	612.00	36372.62
330+660.00	29.93	606.35	36978.97
330+680.00	28.01	579.35	37558.33
330+700.00	28.27	562.80	38121.12
330+720.00	0.00	282.71	38403.83

Material Table			
Station	Area	Volume	Cumulative Volume
329+700.00	0.00	0.00	0.00
329+720.00	2.10	21.02	21.02
329+740.00	2.91	50.09	71.11
329+760.00	2.50	54.10	125.21
329+780.00	0.00	25.02	150.23
329+800.00	0.00	0.00	150.23
329+820.00	0.76	7.58	157.81
329+840.00	3.18	39.38	197.19
329+860.00	1.94	51.17	248.36
329+880.00	2.56	45.00	293.36
329+900.00	1.69	42.51	335.87
329+920.00	1.72	34.08	369.94
329+940.00	1.69	34.12	404.07
329+960.00	0.77	24.64	428.70
329+980.00	0.63	14.02	442.73
330+000.00	0.78	14.10	456.82
330+020.00	2.19	29.70	486.52
330+040.00	1.47	36.65	523.17
330+060.00	0.63	21.01	544.18
330+080.00	0.48	11.12	555.30

Material Table			
Station	Area	Volume	Cumulative Volume
330+100.00	1.85	23.37	578.67
330+120.00	5.17	70.20	648.87
330+140.00	7.51	126.77	775.64
330+160.00	7.76	152.73	928.37
330+180.00	6.58	143.46	1071.84
330+200.00	7.82	144.04	1215.88
330+220.00	6.15	139.72	1355.59
330+240.00	0.73	68.78	1424.38
330+260.00	1.22	19.46	1443.83
330+280.00	0.00	12.18	1456.02
330+300.00	0.00	0.00	1456.02
330+320.00	0.00	0.00	1456.02
330+340.00	0.00	0.00	1456.02
330+360.00	0.00	0.00	1456.02
330+380.00	0.00	0.00	1456.02
330+400.00	0.00	0.00	1456.02
330+420.00	0.09	0.91	1456.93
330+440.00	0.00	0.91	1457.84
330+460.00	0.00	0.00	1457.84
330+480.00	0.00	0.00	1457.84

Material Table			
Station	Area	Volume	Cumulative Volume
330+500.00	0.00	0.00	1457.84
330+520.00	0.00	0.00	1457.84
330+540.00	0.00	0.00	1457.84
330+560.00	0.00	0.00	1457.84
330+580.00	0.00	0.00	1457.84
330+600.00	0.00	0.00	1457.84
330+620.00	0.00	0.00	1457.84
330+640.00	0.00	0.00	1457.84
330+660.00	0.00	0.00	1457.84
330+680.00	0.00	0.00	1457.84
330+700.00	0.00	0.00	1457.84
330+720.00	0.00	0.00	1457.84

محضر معاينة مسافة

انه في يوم الثلاثاء الموافق 26 / 09 / 2023 و بحضور كلا من :-

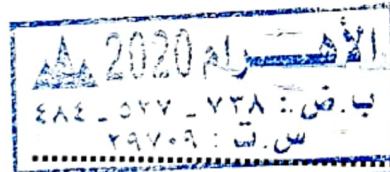
1- م / سيد سيف الدين خالد قنديل للاستشارات الهندسية

2- م / حاتم حمدي الشافعي شركة الأهرام 2020

تم النزول و المعاينة وطبقا للتعليمات الواردة بالمقاييس بمسافة نقل التوريد للاتربة والرمال الصالحة للردم من المحجر حتي محور مسار الطريق وجد انه :-

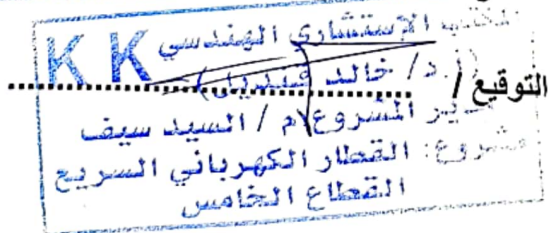
متوسط مسافة نقل الاتربة من المحجر الي محور مسار القطار السريع ببرج العرب لقطاع شركة الاهرام 2020 مسافة قدرها 156 كم للاتربة و 131 للرمال من المحجر حتي محور مسار القطار كما هو موضح بالمرفق.

التوقيعات



التوقيع /

م / حاتم حمدي الشافعي



التوقيع /

م / سيد سيف الدين



محضر استلام موقع

مشروع: أعمال الجسر الترابي لمشروع القطار الكهربائى السريع الخط الأول
(العين السخنة - العلمين) (قطاع برج العرب - العلمين) لتنفيذ أعمال تشكيل
الجسور المسافة من كم ٣٢٩+٧٠٠ الى كم ٣٣٠+٧٠٠ بطول ١,٠ كم
(بالأمر المباشر).

تنفيذ: شركة الأهرام ٢٠٢٠

إشراف: المنطقة الخامسة - منطقة غرب الدلتا

طبقاً للعقد رقم (٢٠٢٤/٢٠٢٣/١١٧) بتاريخ يوم الأحد الموافق ٢٠٢٣/٠٧/٣٠

إنه في يوم/ الثلاثاء الموافق ٢٠٢٣/٠٨/٠١ اجتمع كل من:-

- ١- السيد المهندس / محمد حسنى فياض مدير عام المشروعات - الهيئة العامة للطرق والكبارى
- ٢- السيد المهندس / مارجريت مجدي مهندس العملية - الهيئة العامة للطرق والكبارى
- ٣- السيد المهندس / حاتم حمدي الشافعي محمد مدير مشروع الشركة

وذلك للمرور على مسار العملية المذكورة عاليه لاستلام الموقع :-
وقد تبين أن الموقع خالياً من العوائق الظاهرية ويسمح بالبدء في التنفيذ وبناء عليه يعتبر
تاريخ ٢٠٢٣/٨/٠١ هو تاريخ استلام الموقع وبدء الأعمال بالعملية
واقفل المحضر على ذلك ووقع الحضور

التوقيعات

٣- السيد / حاتم حمدي الشافعي محمد مدير مشروع الشركة

٢- السيد / مارجريت مجدي مهندس العملية

١- السيد / محمد حسنى فياض مدير عام المشروعات

رئيس الإدارة المركزية

منطقة غرب الدلتا

الاسكندرية - مرسى مطروح

عميد مهندس //

"هاني محمد محمود طه"

