

التقييم الفني

مشروع: اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهرباني السريع (العين السخنة العاصمة الادارية العلمين مطروح) قطاع غرب النيل لتنفيذ المسافة من الكم 1000+388الى الكم 389+000 لكم إتجاه استكمال النجيلة.

تَنْفَيِدْ : شُركة دريم واي للمقاولات العامة .

إشراف : المنطقة الخامسة قطاع غرب الدلتا

الحسابات المالية ومفصل التقييم وقيمة الخصومات:

أنه في يوم االثلاثاء الموافق 2024/03/5 وبناء على القرار الإداري 121 بتاريخ 2022/9/14 الصادر من السيد عميد مهندس رئيس الإدارة المركزية / منطقة غرب الدلتا ومحضر الإستلام الإبتدائي للعملية المؤرخ في 2023/06/06 تم عمل التقييم الفني للعملية عاليه.

وقد اجتمعت اللجنة المشكلة من كلا من:

رنيساً للجنة)	مدير عام المثبروعات (1) المهندس/ محمد حسني فياض
(عضوا)	ممثل الهيفة	2) المهندسة/مارجريت مجدي
(عضوأ)	معمل المنطقة المشرقة	3)المهندس/عبدالله عبدالمحسن
(عضوا)	مكتب: سيكترم (د عماد نبيل) استشاري الهينة	 المهندس /مازن عصامي
(عضوأ)	مكتب (اكس واي زد) استشاري المساحة بالمشروع	5)المهندس/محد خليل
(عضوا)	الشركة المنفذة دريم واي للمقاولات العامة	6)المهندس/ السعيد محمد



وبعد الإطلاع على محضر الاستلام الابتدائي للعملية وملقات التجارب المعملية تم حساب الخصومات المالية وجاءت كالآتي :

*الخصم على طبقة الفلتر: لابوجد خصم

الخصم على اختيارات الدمك بطبقة القلتر : لا يوجد خصم

*الخصم على النقص في السمك لطبقة القاتر: لا يوجد خصم

*الخصم طيقا لمحضر الاستلام الابتدائي :-

من القحص البصري:-

*الخصم على سطح الطريق % 2645.07=5290154.64*0.05 جنيه

*الخصم على إختيارات التصنيف والتدرج وال CBR لطبقة الفلتر: لايوجد خصم

*القيمة المالية للخصم للجنة الإستلام الإبتدائي: 2645.07 جنيها (الفان وستمانة وخمسة واربعون جنيها مصريا وسبعة قروش .)

التوقيعات:

دريم ماى للمقاولات انعامة

التوقيعات المعادلة وانعدير

البس الإدارة المركزية

منطقة غرب الدلتا

منطقة غرب الدلتا

حمادة عدرات معادلة المعادلة ا



قائمة الكميات الواردة بالمستخلص الختامي

مشروع : اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهربائي السرسع (العين السخنة -مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 380+000 الى الكم 389+000 بطول 1 كيلو متر اتجاه الضبعة.

رقم البند وبياناتة :(19-1) بالمتر المكعب اعمال توريد وفرش طبقة فلتر من الاحجار الصلبة المتدرجة ناتج تكسير كسارات والمطابقة للمواصفات واقمي حجم حبيبي ماين 20 مم ال 75 مم والا يزيد نسبة المار من منخل 200 عن 5 % والتدرج الوارد بالاشتراطات الخاصة بالمشروع وهي احجاز من تجرية لوح التحميل عن 50 مجالسكال والا يزيد نسبة الفاقد EV2 مقاس سن 1 : سن 2 ; سن 4 او سن6 يتسبة 1:1:1 والا يقل معامل المروثة يجهاز لوس انجلوس عن 9:45 والفئة تشمل اعمال التجارب المعملية والبند يشمل اجراء التجارب المعملية والحقلية طبقا لاصول الصناعة الممتازة وتقرير الاستشاري وتعليمات المهتدس المشرف

السعر خلال شهر اكتوبر طبقا للمفاوضة بتاريخ 18/12/2023

تسلفيسذ وشركة تريم واي تلمقاولات العامة والتوريدات العمومية والإستيراد والتصدير

90000	(متر)	الابعاد	كيلوماري	الموقع اث	100000	100000000000000000000000000000000000000	
الكمية	مساحة المقطع	طول	الى	من	التاريخ	رقم الطلب	
756.2	37,81	20	388+520	388+500	12/10/2022	IR-F(04)	
10911	36.37	300	389+000	388+700	25/10/2022	IR-F(02) IR-F(03) IR-F(05)	
11667.200			اجمالي الكميات خلال فاترة المستخلص (م")				
14000.640	1.2%	لكلي للكمية المنفذ	ندار 4(20° = المجموع ا	للتر تم تحدديها يما	وتداخل السن الخاص باثا	جد نسبة هالك لغرز و	
14000.640			اكتوبر	S () () ()	الاجمالي	BE A.	
مهندس الهيئة مارجريت مجدي	10 00	ONSULTANA PLEASULTING CHESTING	2 3577	میناس او م امحم م امحم		# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



قائمة الكميات الواردة بالمستخلص الختامي

مشروع : اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهرباني السريح (العين السخنة حطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 380+380 الى الكم 389+000 بطول 1 كيلو متر الجاه الضبعة.

رقم البند وبياثاتة :(10-1) بالمتر المكعب اعمال توريد وفرش طبقة فلتر من الاحجار الصلبة المتدرجة ناتج تكسير كسارات والمطابقة للمواصفات واقصى حجم حبيبي مايين 20 مم ال 75 مم والا يزيد نسبة المار من منخل 200 عن 5 % والتدرج الوارد بالاشتراطات الخاصة بالمشروع وهي احجار من تجرية لوح التحميل عن 50 ميجابسكال والا يزيد لسبة الفاقد EV2 مقاس سن 1 : سن 2 ؛ سن 4 او سن5 بلسبة 1:1:1 والا يقل معامل المرونة بجهاز لوس الجلوس عن 45% والفئة تشمل اعمال التجارب المعملية والبند يشمل اجراء التجارب المعملية والحقلية طبقا لاصول الصناعة الممتازة وتقرير الاستشاري وتعليمات المهتارة

السعر خلال شهر توقمبر طبقا للمقاوضة يتاريخ 18/12/2023

تستفيسة والبركة دريم واي للمقاولات العامة والتوريدات العمومية والاستهزاد والتصدير

0.0000000000000000000000000000000000000	(مقر)	الايعاد	كيلومتري	الموقع ال	3000000	The Vision Control
الكمية	مساحة المقطع	طول	e)	من	التاريخ	رقم الطلب
15706,000	78.53	200	388+400	388+200	6/11/2022	IR-F(08)REV
15706.000			تادلص (م [*])	ا بات خلال فترة المس	اجمالي الكمر	"
18847.200	1.2*8.	الكلي للكمية المنف	للدار 20% = المجموع ا	لظائر تم تحدديها به	رتداخل السن الخاص با	وجد تسبة هالك لغرز
18847.200	0. 11		بهوالم فمبر	ي الكلو (م) إعن ا	الإجمال	13.4
مهندس الهيئة	In Coast	S HOM BOUNTERS	YY2	مهندس ال		William Colored Charles



فائمة الكميات الواردة بالمستخلص الخنامي

مشروع : اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهربائي السريع (العين السخنة -مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 388+000 الى الكم 389+000 بطول 1 كيلو متر اتجاه الضبعة.

رقم البند وبياناتة :(10-1) بالمتر المكفب اعمال توريد وفرش طبقة فلتر من الاحجار الصلية المتدرجة ناتج تكسير كسارات والمطابقة لتمواصفات واقصي حجم حبيري مايين 20 مم ال 75 مم والا يزيد نسبة المار من منخل 200 عن 5 % والتدرج الوارد بالاشتراطات الخاصة بالمشروع وهي احجار من تجربة لوح التحميل عن 50 ميجابسكال والا يزيد نسبة الفاقد EV2 مقاس سن 1 : سن 2 : سن 4 او سن6 بنسبة 1:1:1 والا يقل معامل المرونة بجهاز لوس الجلوس عن 45% والفئة تشمل اعمال التجارب المعملية والبند يشمل اجراء التجارب المعملية والحقلية طبقا لاصول الصناعة الممتازة وتقرير الاستشاري وتعليمات المهندس المشرف

علاوة مسافة النقل 97.5 كم (FILTER)

تنتفينذ عشركة دريم واي للمقاولات العامة والتوريدات العمومية والاستوراد والتصدير

اثكنية	ناد (متر)	الإب	كيلومتري	الموقع ال	383,086.00	VacC18105405	
الضية	مساحة المقطع	طول	ال	ČA.	التاريخ	رقم الطلب	
756.2	37.81	20	388+520	388+500	12/10/2022	IR-F(04)	
10911	36.37	300	389+000	388+700	25/10/2022	IR-F(02) IR-F(03) IR-F(05)	
15706	78.53	200	388+400	388+200	6/11/2022	IR-F(08)REV2	
27373.200			ستخلص (م [*])	ا بات خلال فترة الم	اجمالي الكم		
32847.840 1.2		سية هالك لغرز وتداخل السن الخاص بالفلتر تم تحدديها بمقدار 220% - المجموع الكلي للكمية المتقدَّة 1.2%					
32847.840			Riv	الزجمالي الكلي و		13 6	

مهندس الهيئة م/مارجوت مجدي



مهندس الأستشاري مكتب XYZ م / محمد العليل





قائمة الكميات الواردة بالمستخلص الختامي

مشروع : اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهرباني السريع (العين السخنة -مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 380+000 إلى الكم 389+000 بطول 1 كينو متر اتجاه الضبعة.

رقم البند وبياناتة :(10-1) بالمتر المكعب اعمال توريد وفرش طبقة فلتر من الاحجار الصلبة المتدرجة تاتج تكسير كسارات والمطابقة للمواصفات واقصي حجم حبيبي مايين 20 مم ال 75 مم والا يزيد نسبة المار من متخل 200 عن 5 % والتدرج الوارد بالاشتراطات الخاصة من تجرية لوح التحميل عن 20 EV2 بالمشروع وهي احجار مقاس سن 1 : سن 2 : سن 4 او سن6 بنسبة 1:1:1 والا يقل معامل المرونة ميجانب كال والا يزيد نسبة الفاقد بجهاز لوس الجلوس عن 45% والفتة تشمل اعمال التجارب المعملية والبند يشمل اجراء التجارب المعملية والحقلية طبقا لاصول الصناعة الممتازة وتقرير الاستشاري وتعليمات المهندس المشرف

علاوة تحصيل الكارته والموازين

تستقيبذ وشركة دريم واي للمقاولات العامة والتوريدات العمومية والاستبراد والتصدير

and the same of th	(jke) à	الابعاد (مثر)		الموقع ال	- Protein	7.15/4294409413	
الكمية	مساحة المقطع	طول	الى	جن	التاريخ	رقم الطلب	
756.2	37.81	20	388+520	388+500	12/10/2022	IR-F(04)	
10911	36,37	300	389+000	388+700	25/10/2022	IR-F(02) IR-F(03) IR-F(05)	
15706	78.53	200	388+400	388+200	6/11/2022	IR-F(08)REV2	
27373,200	No.		ستخلص (م")	ا يات خلال فاترة المد	اجمالي الكم		
32847.840	1.2*5345	لد نسبة هالك تفرز وتداخل السن الخاص بالقلتر تم تحدديها بعقدار 20% = المجموع الكلي للكمية المنفذة*1.2					
32847.840			S- (8	الاجعالي الكاني		多年 6°	

مهندس الهيئة م/مارجريت مجدي



مهسان الاستخاري الاستخار الاستخاري الاستخاري الاستخاري الاستخاري



قائمة الكميات الواردة بالمستخلص الختامي

مشروع : استاد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهربائي السريع (العين السخنة -مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 389+000 الى الكم 389+000 بطول 1 كيلو متر اتجاه الضبعة.

رقم البند وبيانة (3.1): أعمال تحميل وتوريد ونقل اتربة مطابقة للمواصفات وتشغيلها باستخدام الات النسوية بسمك لايزيد عن 50 سم حق ملسوب (-2.00 متر) ويسمك لايزيد عن 25 سم لاستكمال الملسوب التصميمي لتشكيل الجمر الأبري والاكتاف (نسبة تحمل كاليفورتيا لا نقل عن 21%) ورشها بالمياة الاصولية للوصول الي نسبة الرطوبة المطلوبة والدمك الجيد بالهراسات للوصول الي قصي كثافة جافة (25% من «كتافة الجافة القصوي) ويتم التنفيذ طبقا للمناسب التصميمية والقطاعات العرضية النموذجية والرسومات التفصيلية المعتمدة والبند بجميع مشتملاته طبقا لاصول المبتاعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهلدس المشرف،

السعر خلال شهر اكتوبر طيقا للمفاوضة 18/12/2023

تستفيسذ : شركة دريم واي للمقاولات العامة والتوريدات العمومية والاستيراد والتصدير

9.22	بعاد (متر)	الا	كيئومتري	الموقع ال	27720	TOWN SE		
الكمية	مساحة المقطع	طول	الى	من	التاريخ	رقم الطلب		
810.00	8.10	100	389+000	388+900	29/10/2022	IR-S(01)		
789.00	7.89	100	388+900	388+800	29/10/2022	IR-S(02)		
760.70	7.61	100	388+800	388+700	29/10/2022	IR-S(03)		
2359.70		اجمالي الكميات خلال فترة المستخلص (م ً)						
2359.70			الأجمالي الكلي (م ۖ)خلال شهر اكتوبر					

مهندس الهيئة م / مارچريت مجدي









قائمة الكميات الواردة بالمستخلص الخنامي

مشروع : اسناد اعمال الجسر الترابي والإعمال الصناعية لمشروع القطار الكهرباقي السريع (العين السخنة -مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 380+800 إلى الكم 389+900 بطول 1 كيلو متر اتجاه الضيعة.

رقم البند وبيانة (3-3): أعمال تحميل وتوريد ونقل اثرية مطابقة للمواصفات وتشغيلها باستخدام الات النسوية بسمك لايزيد عن 50 سم حق منسوب (-2.00 متر) ويسمك لايزيد عن 25 سم لاستكمال الملسوب التصميمي للشكيل الجسر التربي والاكفاف (نسبة تحمل كاليقورتيا لا تقل عن 51%) ورشها بالمياة الاصولية للوصول الى تصفيل الجسر التربي والاكفاف الجافة القصوص) ويتم انتشار طبقا للمناسب التصميمية والقطاعات العرضية النموذجية والدمل الجيد بالهواسات للوصول الى اقمى كثافة جافة (185% من الكثافة الجافة القصوص) ويتم انتشار طبقا للمناسب التصميمية والقطاعات العرضية النموذجية والرسومات التقصيلية المعتمدة والبند يجميع مشتملاتة طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكياري وتعليمات المهندس المشرف.

السعر خلال شهر لوقتار طبقا للطاوطية 18/12/2023

تَــنَفيــذُ : شَرِكَةُ دريم واي للمقاولات العامة والتوريدات العمومية والاستيراد والتصدير

76 35 7	إيماد (متر)	الا	كيلومتري	الموقع ال	75	96.0
الكمية	مساحة المقطع	طول	الئ	O ^a	التاريخ	رقم الطلب
684.00	6,84	100	388+700	388+600	2/11/2022	IR-S(04)
252.00	2.52	100	389+000	388+900	6/11/2022	IR-S(05)
644.00	3.22	200	388+900	388+700	12/11/2022	IR-S(06)
158.40	2.64	60	388+700	388+640	13/11/2022	IR-S(07)
318.00	3,18	100	389+000	388+900	14/11/2022	IR-S(08)
321.00	3.21	100	388+900	388+800	15/11/2022	IR-S(09)
323.00	3.23	100	388+800	388+700	15/11/2022	IR-S(10)
904.00	9.04	100	388+500	388+400	16/11/2022	IR-5(11)
980.00	9.80	100	388+400	388+300	16/11/2022	IR-S(12)
190.20	3.17	60	388+700	388+640	19/11/2022	IR-S(13)
1998.00	6.66	300	389+000	388+700	19/11/2022	IR-S(14)
1019.00	10.19	100	388+300	388+200	19/11/2022	IR-S(15)
1755.60	12.54	140	388+640	388+500	23/11/2022	IR-S(16)
1244.00	6.22	200	389+000	388+800	23/11/2022	IR-S(17)
622.00	6.22	100	388+800	388+700	26/11/2022	IR-S(19)
2934.00	14.67	200	388+200	388+000	28/11/2022	IR-S(REV18
1208.00	6.04	200	389+000	388+800	28/11/2022	IR-S(REV20
334.00	3.34	100	388+300	388+200	28/11/2022	IR-S(21)
15889.20			لص (م ^۲)	خلال فترة المستخ	اجمالي الكسيات	(.7.07
15889.	20		إكوفعير	الله ما علال شهر	Sh New Mark	2.5

مهندس الهيئة م/مارجويت مجدي



مهندس الاستشاري مكتب XYZ م / محمد خليل



قائمة الكميات الواردة بالمستخلص الختاى

مشروع: اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهربائي السرمع (العين السخنة مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 380+000 الى الكم 389+000 بطول 1 كيلو متر انجاه الضبعة.

وقع البند وميانة (1.3): أعمال تحميل وتوريد ونقل اتربة مطابقة للمواصفات واستخدام الات النسوية بسمك لايزيد عن 50 سم حتى منسوب (-2.00 مار) ويسمك لايزيد عن 25 سم لاستكمال المنسوب التصميمي تشكيل الجسر الذي والاكتاف (نسبة نحمل كاليفورنيا لا نقل عن 55.5) ورشها بالمياة الأصولية للوصول الى نسبة الرطوبة المطلوبة والدمات الجيد بالهواسات الوصول الى اقمى كثافة جافة (1955 من الكتافة الجيافة للقصول) ويتم التنفيذ طبقا للمناسب التصميمية والقطاعات العرضية النموذجية والرسومات التقصيلية المعتمدة والبند يجميع مشتملاتة طبقا لاصول الصناعة ومواصفات الهيئة تعامة للطول والكباري وتعليمات المهلاس المشرف.

(علاوة مسافة النقل للتربة ينسية 80 % من الكمنية الكلية)

تستقيسذ باشركة دريم واي للمقاولات العامة والتوريدات العمومية والاستيراد والتصدير

الكسية	علاوة	(بعاد (متر)	yl .	بلومتري	الموقع الك	التاريخ	رقم الطلب
(FEE)	1000 m	مساحة المقطع	طول	اق	من	SHILL	3500000
648.00	0.80	8.10	100	389+000	388+900	29/10/2022	IR-S(01)
631.20	0.80	7.89	100	388+900	388+800	29/10/2022	18-5(02)
608.56	0.80	7.61	100	388+800	388+700	29/10/2022	IR-5(03)
547.20	0.80	6.84	100	388+700	388+600	2/11/2022	IR-S(04)
201.60	0.80	2.52	100	389+000	388+900	6/11/2022	IR-S(05)
515.20	0.80	3.22	200	388+900	388+700	12/11/2022	IR-\$(06)
126.72	0.80	2.64	60	388+700	388+640	13/11/2022	IR-S(07)
254.40	0.80	3.18	100	389+000	388+900	14/11/2022	IR-S(08)
256.80	0.80	3.21	100	388+900	388+800	15/11/2022	IR-S(09)
258.40	0.80	3.23	100	388+800	388+700	15/11/2022	IR-S(10)
723.20	0.80	9.04	100	388+500	388+400	16/11/2022	IR-5(11)
784.00	0.80	9.80	100	388+400	388+300	16/11/2022	IR-S(12)
152.16	0.80	3.17	60	388+700	388+640	19/11/2022	IR-S(13)
1598.40	0.80	6.66	300	389+000	388+700	19/11/2022	IR-S(14)
815.20	0.80	10.19	100	388+300	388+200	19/11/2022	IR-S(15)
1404.48	0.80	12.54	140	388+640	3884500	23/11/2022	IR-S(16)
995.20	0.80	6.22	200	389+000	388+800	23/11/2022	IR-S(17)
497.60	0.80	6.22	100	388+800	388+700	26/11/2022	IR-S(19)
2347,20	0.80	14.67	200	388+200	388+000	28/11/2022	IR-S(REV18)
966.40	0.80	6.04	200	389+000	388+800	28/11/2022	IR-S[REV20]
267.20	0.80	3.34	100	388+300	388+200	28/11/2022	IR-S(21)
1	4599.12		Pro	1010	بلال فترة النستخله	اجمائي الكميات -	
1	4599.12			-51000	لين الكلس (م)	Kyn	J-Ex-











قائمة الكبيات الواردة بالمستخلص الختابي

مشروع : اسناد اعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهربائي السريع (العين السخنة مطروح) لتنفيذ اعمال الجسر الترابي (قطاع برج العرب - العلمين) المسافة من الكم 400+388 إلى الكم 389+000 بطول 1 كبتو مثر أتجاه الضيعة.

رقم البند وبيانة (1.3)؛ أعمال تحميل ولوريد ونقل تاربة مغالفة للمواضفات وتشغيلها باستخدام الآت النسوية يسمك لايزيد عن 50 سم حتى ملسوب (200 مار) وبسمك لايزيد عن 25 سم لاستكمال الملسوب التعيميمي لتشكيل الجسر التري والاكتاف السبة تحمل كاليفورنيا لا تقل عن 612) ورشها بالمية الاصول الى نسبة الرطوبة النطاقية والدمك الجيد بالهواسات. للوصول في اقص كافة جافة (695) من الكتافة الجافة العمامة العمامة والبند بجمع مشتملاتة طيقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهندس المشرف

(علاوة مسافة النقل لنزمال ينسبة 20 % من الكمية الكلية)

تَسْتَغْيِسَدُ : شركة دريم واي للمقاولات العامة والتوريدات العمومية والاستيراد والتصدير

الكمية	83%4	ماد (متر)	N	ئىلوس ت رى	الموقع الك	4 100	رائم العانب
Telegram	93.WE	مساحة العقطع	طول	الى	<u>ن</u> م	التاريخ	Present legit
162.00	0.20	8.10	100	389+000	388+900	29/10/2022	IR-S(01)
157.80	0.20	7.89	100	388+900	388+800	29/10/2022	IR-S(02)
152.14	0.20	7.61	100	388+800	388+700	29/10/2022	IR-S(03)
136.80	0.20	6.84	100	388+700	388+600	2/11/2022	IR-S(04)
50.40	0.20	2.52	1,00	389+000	388+900	6/11/2022	IR-S(05)
128.80	0.20	3.22	200	388+900	388+700	12/11/2022	IR-S(06)
31.68	0.20	2.64	60	388+700	388+640	13/11/2022	IR-S(07)
63.60	0.20	3,18	1.00	389+000	388+900	14/11/2022	IR-S(08)
64.20	0.20	3.21	1.00	388+900	388+800	15/11/2022	IR-5(09)
64.60	0.20	3.23	1.00	388+800	388+700	15/11/2022	IR-S(10)
180.80	0.20	9.04	100	388+500	388+400	16/11/2022	IR-S(11)
196.00	0.20	9,80	100	388+400	388+300	16/11/2022	IR-S(12)
38.04	0.20	3.17	60	388+700	3884640	19/11/2022	IR-S(13)
399.60	0.20	6.66	300	389+000	388+700	19/11/2022	IR-5(14)
203.80	0,20	10.19	100	388+300	388+200	19/11/2022	IR-S(15)
351.12	0,20	12.54	140	388+640	388+500	23/11/2022	IR-S(16)
248,80	0.20	6.22	200	389+000	388+800	23/11/2022	IR-S(17)
124.40	0.20	6.22	100	388+800	388+700	26/11/2022	IR-5(19)
586.80	0.20	14.67	200	388+200	388+000	28/11/2022	IR-S(REV18)
241.60	0.20	6.04	200	389+000	388+800	28/11/2022	IR-S(REV20)
66.80	0.20	3.34	100	388+300	388+200	28/11/2022	IR-5(21)
3	3649.78			العرام)	خلال فترة المستخ	اجمال الكبات	137
- 2	3649.78		CANSI		الى الكلى (م)	uka V	17 E

مهندس الهيئة



فائمة الكميات الواردة بالمستخلص الختامي

مشروع : استاد اعمال الجسر التربي والاعمال الصناعية لمشروع القطار الكهربائي السريح (العين السخنة -مطروح) لتنفيذ اعمال الجسر. الترابي (قطاع برج العرب - العلمين) المسافة من الكم 388+000 إلى الكم 389+000 بطول 1 كيلو متر اتجاه الضبعة.

رقم الهند وبيانة (2-3): أعمال تحميل وتوريد ونقل اترية مطابقة للمواصفات وتشغيلها باستخدام الات النسوية بسمك لايزيد عن 50 سم حق ملسوب (-2.00 متر) وبسمك لايزيد عن 25 سم لاستكمال المنسوب انتصميني للشكيل الجسر التربي والاكتاف (نسبة تحمل كاليفورتيا لا تقل عن 15%) ورشها بالمياة الاصولية للوصول الى نسبة الرطوبة المطلوبة والدمك الجيد بالهراسات للوصول إلى اقص كثافة جافة (95% من الكثافة الجافة القصوى) ويتم التنفيذ طبقا للمناسب التصميمية والقطاعات العرضية النموذجية والرسومات التقصيلية المعتمدة والبند يجميع مشتملاتة طبقا لاصول الصناعة ومواصفات الهيئة العامة للطرق والكباري وتعليمات المهتدس المشرف.

الكمية	إيعاد (متر)	JI.	كيلومتري	الموقع الأ	الثاريخ	رقم الطلب
5.00	مساحة المقطع	طول	آئی	من	CO.	130701409
810.00	8.10	100	389+000	388+900	29/10/2022	IR-S(01)
789.00	7.89	100	388+900	388+800	29/10/2022	IR-S(02)
760.70	7.61	100	388+800	388+700	29/10/2022	IR-S(03)
684.00	6.84	100	388+700	388+600	2/11/2022	IR-S(04)
252.00	2.52	100	389+000	388+900	6/11/2022	IR-S(05)
644.00	3.22	200	388+900	388+700	12/11/2022	IR-S(06)
158.40	2.64	60	388+700	388+640	13/11/2022	IR-S(07)
318.00	3.18	100	389+000	388+900	14/11/2022	IR-S(08)
321.00	3.21	100	388+900	388+800	15/11/2022	IR-S(09)
323.00	3.23	100	388+800	388+700	15/11/2022	IR-S(10)
904.00	9.04	100	388+500	388+400	16/11/2022	IR-5(11)
980.00	9.80	100	388+400	388+300	16/11/2022	IR-S(12)
190.20	3.17	60	388+700	388+640	19/11/2022	IR-S(13)
1998.00	6.66	300	389+000	388+700	19/11/2022	IR-S(14)
1019.00	10.19	100	388+300	388+200	19/11/2022	IR-S(15)
1755.60	12.54	140	388+640	388+500	23/11/2022	IR-S(16)
1244.00	6,22	200	389+000	388+800	23/11/2022	IR-S(17)
622.00	6.22	100	388+800	388+700	26/11/2022	IR-S(19)
2934.00	14.67	200	388+200	388+000	28/11/2022	IR-S(REV18)
1208.00	6.04	200	389+000	388+800	28/11/2022	IR-S(REV20)
334.00	3.34	100	388+300	388+200	28/11/2022	IR-5(21)
18248	.90		لمن(م")	خلال فاترة المستخ	إجمالي الكسيات	151
18248	.90			يالي الكاني (م)	Vike	136

مهندس الهيلة م / مارجوت مجدي









مشروع : القطار الكهرباق السرينج (العين السخنة ،العاصمة الادارية -العلمين ،مطروح) قطاع غرب الذيل في المسافة من الكم 388-000 الى الكم 000+389 يعلول 1 كيلو متر اتجاه المنبعة

رقم البند وبياناتة :(2-11) بالمتر المسطح توريد و تركيب طبقه من النسيج المبناعي جيونكستايل التداخل لا يقل عن 130 , ذات وزن الإيقل عن 400 جم /م"

تستغيسان بشركة دريم واي للمفاولات العامة والتوريدات العمومية والاستوراد والتصدير

فكمية	(Ja) diay	TV.	ليلوماري	الموقع الك	رقم الطلب
- Nguasar	عرض القطاع	طول	الى	من	Caddin pary
2889	28.89	100	388+620	388+520	IR-G (05)
5004	27.80	180	388+700	388+520	IR-G (02)
8622	28.74	300	389+000	388+700	IR-G (01)
16515	1	-	لستخلص (م")	ركويات خارن فرا	lise
ارجريت مجدي		CONSULTING	No of the last		القروبات العمومية والإستواد والم

نموذج رقم ٢



بشأن : حصر المواد المحجرية الواردة بالمستخلص

		/٢٠٢ المنطقة	القيد :ا
		7 + 7 7 /	التاريخاا
A1.10	ti : 1 11 - 11 5		140

الى السيد الشهندس (رئيس قطاع التشنيذ والمنشلق

تحية طيبة وبعد ،،،

نتشرف بان نرفق طيسة المستخلص الختامي الخاص بعملية (اعمال الجسر الترابي والاعمال الصناعية للقطار الكهربائي السريع استكمال اتجاه النجيلة تنفيذ شركة / دريم واى للمقاولات العامة والتوريدات عقد رقم ٢٠٢٣/٢٠٢٢/١٦٠ يرجي التفضل بالاحاطة والتنبيه باتخاذ ما يلزم مع النفضل مسن سيادتكم بالعلم ان المواد المحجرية المستخدمة بيانها كالاتي :-

الجهة الحصول على الخامة	الكمية	الوحدة	نوع المادة المحجرية	م
كسارة	-	κ۲	سن	1
محدد المصرية	AY9Y,	۲.	ان بة	۲

رس مستريس ، بسور هذا وقد تمت مراجعة (البونات المائية / التصريح) للكميات التي تم الحصول عليها من (كسارات / محاجر / تشوينات) معتمدة ووجدت مطابقة للكميات بالمستخلص .

يرجى التكرم من سيادتكم بالعلم والاحاطة والتنبية باتخاذ اللازم ،،،

وتفضلوا بقبول فانق الاحترام،،

2

التوقيع () هاني محمد محمود طه عميد مهندس / هاني محمد محمود طه رئيسس الادارة المركزيسة

للمنطقة الخامسة - غرب الدلتا



افادة

بالاشارة لمشروع أعمال الجسر الترابي والاعمال الصناعية لمشروع القطار الكهرباني السريع (يرج العرب - العلمين)

العقد رقم: اتجاه استكمال النجيلة (2023/2022/2160)

في المسافة من 000+388 الى 389+000

مقاولة شركة : دريم واي للمقاولات العمومية

اشراف استشاری : مکتب د/ عماد نبیل

كمية الاترية المستخدمة في المشروع: 8797.00. م3

يرجي العلم بانة قدتم توريد المواد المحجرية بالمشروع ببونات رسمية معتمدة وقام استشاري المشروع بمراجعة جميع البونات والتأكد من الكميات المدرجة وذلك تحت اشراف المنطقة.

مدير عام المشروعات م/محمد حسني فياض م/ مارجوبت مجدي

يرُّ مَثْرُوع الشركة مدير مشروع الإستشاري مدير مشروع الهيئة

يعتمد رنيس الادارة المركزية منطقة غرب الدلتا

الاسكندرية - مرسى مطروح

عميد مهندس /

" هاني محمد محمود طه



كشف أتاوة المحاجر عن كمية المواد التي تم استخدامها

مشروع أعمال الجسر الترابى والاعمال الصناعية لمشروع القطار الكهرباني السريع (العين السخنة العاصمة الادارية - العلمين - مطروح) قطاع غرب النيل لتنفيذ المسافة من الكم 000+388 الي الكم 389+000 بطول 1 كم اتجاة (استكمال النجيلة)

> تنفيذ: شركة دريم واي للمقاولات العمومية أعمال تم تنفيذها حتى تاريخ 2024/3/5

> > كمية الاتربة المنفذة بند رقم (1-3) بالمتر المكعب = 8797 م3

مدير مشروع الهينة م/ مار جریت مجدی





محضر استلام ابتداني

لعملية: أعمال الجسر الترابي لمشروع القطار الكهرباني السريع (قطاع غرب النيل قطاع يرج العرب/العلمين)

لتنفيذ المسافة من الكم(000+388) إلى الكم(000+389) اتجاه استكمال النجيلة تنفيذ شركة :- دريم واي للمقاولات العامة اشراف :المنطقة الخامسة غرب الدلتا(الإسكندرية مطروح) استشاري الهينة للمشروع : سبكترم (دعماد نبيل)

انه في يوم الثلاثاء المواقق 2024/03/5 وبناءً على قرار السيد العميد مهندس/رنيس الإدارة المركزية لمنطقة غرب الدلتا رقم (121) بتاريخ 2022/09/14 والخاص بأعمال الاستلام الابتدائي للأعمال عاليه.

فقد اجتمعت اللجنة المشكلة من كلاً من :-

(رنیسا)	مدير عام المشروعات بالمنطقة	1) المهندس/ محمد حسني فياض
(عضوأ)	مدير مشروع القطاع من المنطقة	2) المهندس/ مارجريت مجدي زاخر
(عضوا)	معمل المنطقة المشرفة	3)المهندس/عبدالله عبدالمحسن
(عضوأ)	مكتب:سبكترم (د عماد نبيل) استشاري الهيئة	4)المهندس / مازن عصامي
(عضوأ)	مكتب (اكس واي زد) استشاري المساحة بالمشروع	5)المهندس/محمد خليل
(عضوأ)	الشركة المنقدة: دريم واي للمقاولات العامة	6)المهندس/ السعيد محمد

وقد بدأت اللجنة أعمالها بالإطلاع على ملف العملية وكراسة الشروط والمواصفات وعقد العملية ثم انتقلت اللجنة على الطبيعة للمرور على الأعمال المنقذة ومعاينتها ظاهرياً وتم أخذ عينات أتربة من الجسر لإجراء التجارب الازمة عليها بمعمل المنطقة وتحديد نسبة الحيود وقد أسفر القحص والمعاينة الظاهرية عن التالي:-

الأعمال المنفذة والمطلوب تسليمها أعمال الحفر وأعمال الأترية لتشكيل مسار الجسر الترايي

أولاً:- أعمال الحفر:-

تم التأكد من وصول الأعمال للمناسب المطلوبة طبقاً لطلبات التسليم بالمشروع والأعمال مقبولة بصفة عامة.

تانيآ: حالة السطح العلوى للجسر المنفذ: -

الأعمال مقبولة بصفة عامة وتم التأكد من الوصول للمناسيب وتحقيق الميول الجانبية للقطاع

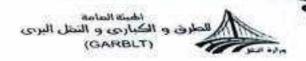
توصيات اللجنة: -

- 1) على مندوب معمل المنطقة تحديد مدي الحيود بالعينات عن المواصقة العامة للمشروع وتحديد قيمة الخصم.
- على السادة استشاري القطاع (سبكترم (دعماد نبيل)) مراجعة الحصر والتأكد من الكميات المتقدة طبقاً لطلبات
 الاستلام ومواقة اللجنة بالكميات والتجارب التي أجريت على الأعمال أثناء التنقيد.
 - قام مثدوب استشاري المساحة بالتأكد على المناسب المنفذة طبقاً للتصميم المعتمد.
 - 4)على استشاري القطاع (سبكترم (د عماد نبيل)) متابعة سلوك الأعمال خلال فترة الضمان وابلاغ الشركة بأي
 عيوب تظهر الأصلاحها فوراً.

و عليه ترى اللجنة قبول الأعمال حيث لا يوجد ما يعيق الاستلام الابتدائي للأعمال عاليه ويعتبر تاريخ المحضر هو تاريخ النهو القطي وبدء فترة الضمان للأعمال.

و على ذلك جراي الثوقيع، بالإستراد والصدير التوقيعات على المساوع بالمحمد التاريخ - ٢٠١

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معله اضافیه واردة من المنطقةالخامسة – غرب الدلتا

إسم العملي ق تنفذ اعبال المراب ا
المستعمل المرابي والإعمال الصناعية يقطاع العامية المارية
صنفن مشروع انشاء القطار الكهربيائي البدرة الارادة الارادة
رب مصمون - مطروح) قطاع برج العدب العامين في البياني و العرب
الحاد النحلة
السم التسركية المنفسدة شركة شركة دريم وأي للمقاه لاي الوادة والتربيدي
عقد العملية رئم : (۲۰۲/۲۰۲۰)
قيمة التعاقدية ١ ٥،٣٢١ مليون جنيه
تاریخ بدء العملیـــــ ۲۰۲۲/٦/۱۳
تأريخ النمو طبقا للتعاقد ٢٠٢٤/٢/١٢
الطلوب مد مده الشروع 3 الأرد المستحد ا
المطلوب : حد حدد المشروع:٦ اشتقر، ليصبح تاريخ النهو ٢٠٢٤/٨/١٢ المبررات :- ورد خطاب المنطقة المشرف والمرفق به خطاب الشركة المنفذه بشان حد حدد العملية:١٠أشش للاسباب الاثيه
- بناءً على الما الما الما الما الما الما الما ال
 بناءاً على قرار سجلس الوزراء بالجلسة رقم (٢٥٤) بتاريخ ٢٣/٨/٣٠ بهند جميع التعاقدات الجاري تنفيذها لمده (١١شير) وذلك لمواجهة الاثار السلبية المترتبة على تداعيات الازمات الدراً المسلبية المترتبة على تداعيات الازمات الدراً المسلبية المترتبة على تداعيات الازمات الدراً المسلبية المترتبة على تداعيات الازمات المسلبية المسلبية المترتبة على تداعيات الازمات المسلبية المسلبية
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- الصعوبه في الحصول على المواد الخام - الصعوبه في الحصول على قطع غيار المعدات اللازمه
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مقاليسة ختاسيه

بخصوص :- اعمال الجسر الترابي والاعمال الصناعية لمشروع الفظار الكهربائي السريع يطول ١ كم استكمال اتجاه النجيلة مغاولة :- شركة دريم واى للمقاولات العامة والثوريدات العمومية

يمناسبية انتهاء الاعمال الخاصبة بالعملية عاليبة وعمل المستخلص الختامي طبقا الكميات المنفذه على الطبيعة فقد تم أعداد المقايسة الختامية المرفقة لكافية بنودالعملية باجمالي مبلغ ٢٩٠١٥٤٥ جنبه (فقط وقدره خمسة مليون منتان وتسعون الف مانة اربعة وخمسوان جنبها ٢٩٠١٤٤٤٤٤)

مدير عام المشروعات

مهندس / المشرف على تنفيذ العملية

رسم، ما جرب مدن راور التوفيق اسبيل

رنيس الادارة المركزية مكلسة غيرب السيلتا (بالإسكادرية/ مرسى المروح)

عميد مهلص / " هاتي محاد محمود طه "









مشروح القائل الكهريش قائل السرحة أطاح إبرج النوب ر المبين) الدقايسة الفائلية لينود الاصال النيز الركة ادريع وإن التياد استامال النبيئة الفناع من الدملة 388+000 كل 389+000 يطول 1 كم

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مقاولات اتعامة

The offer the said Place Sound

<mark>بيعت</mark>د رئيس الإما<mark>ر</mark>ة العركزية منطقة غرب الدلتا

حو تشروع وليرام

والمراوريت معدى

" هائی محمد ه

ماور حام المشروحات والهوالم)

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Location Name	-		Contractor Con	pany - D	esigner Company	PERMIT AL			
Km 388+000 to Km 388+183.86		(REV 29)	DREAM W	AV.	PECTRUM				
Contractor	Name		ign	11 M . PD	ater 2	Designation			
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Contractor Reference	IR FOR CO	NCRETE LSS	-B-DW)	CR-PC	-13)	Revision			
THE FOLLOWING	G TEST RESUL	TS ARE ATTACHED	FOR REVIEW		THE RESERVE				
Mix Approval Re	eference								
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Concrete Type: Grou PRESTART CHECKLIST ☑ plus ett		ATT AND THE PARTY AND THE PART	The second second second	31	ructural Mix La	Grade: C 25			
	KLIST M plus	attachments		30	ructural Mix L9	Grade: C 20			
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Nate: All boxes must be completed or marked N/A where applicable. Permission to proceed does not relieve contractor from full compliance with contractual obligation.

	ER Received	Name	Sign	Date	Design	ation
	ER Expert	Name	Sign	Designation	Date	11/0/5
	Agree Pour			Mechanical		
5	Ready to Start			Electrical		
	Delete if Not		-	Plumbing		
ш	Applicable		Fit Course	Systems	-01	
		inder supervision of GARB (subjected to 28 days test re	esult!	UM 4 Contrac	ctorhaveta ad	d Fiberi
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Page 1 of 1

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Employer Representative	GAND*	Contractor DA/QC	Organisation N	Permission to Pr	1-pouring done :	ER Comments:	Applicable	Delete if Not	Ready to Start	ER Expert	ER Received	All boxes must be ripliance with con	Contractor Comments:	Applicable	Delete if Not	Ready to Start		Paris .	Formwork Checked	Temp Works Approved	Setting out Survey Approved	Mix Approved	IR Approved	DHO ISVISIBA	Concrete Type:	Mix Approval Reference	THE FOLLOWING	Reference	GRITSS	Contractor	Km 388+183.86 b	Em 388+000 to 1894040	Green Line		POUR CONCRETE
Eng.Alaa Abd-Aflatif	Eng.Margret Magdy	C Eng.Mazen Esamy	Name	OCEAN TO SERVICE STATE OF THE	1-pouring done under supervision of GARS Çêgyut; 2-find approved subjected to 28 days text result.	Service and				Name	Name	Note: All bones must be completed or movied N/A where applicable. Permission to proteed does not relieve contractor from full compliants with contractor obligation.	ments:			COMMEND WOHAWAED	Name	Start Time for Pour:	Z	Mared	y Apployed	The second secon	(31-4td5-8)	PRESTAST OFFICKUST ET plus attachments		331909	THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW	IN FOR CONCRETE	Michaemed Michaemed	Name	Kin 388+183 99 to 380+183 96 (SEV 23)				Misses -
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00			Designation Date		36.3		Syphenic	Plumbing	Mechanical	Designation	Date	in to properly does no	1 of county	Supplied S	Checking	Mediankal	Designation	Concrete Volume:	Work area safe to progress	Access route clear	Cast in items tecure	Back up equipment available	& couloment available	The same deposits to the	rtion Right Side (Top				8/03/2024	Oute	SPECTRUM	Designar Company	1000		Table Services
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Location Nam	e		¢	ontractor Com	pany De	signer/Company	
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and the state of t	Name		\$	gn	Da Da	ellis	Designation
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Contractor Reference	IR FOR	CONCR	ETE(55-0	5-BW)(R-sp=0	3)	Revision
THE FOLLOWS	NG TEST RES	SULTS AF	RE ATTACHED	FOR REVIEW	-		
Mix Approval	Reference						
Concrete Pour	Concrete Pour Title (388+132 to 38 (388+315.86 to Inspection and			8+355.86) (R		Right Side (Bottom	Beam)
Concrete Type		Grout	Mix 🗆	Lean Mix C	Str	uctural Mix 🗗	Grade: C 25
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Note: All boxes must be completed or marked N/A where applicable. Permission to proceed does not relieve contractor from full compliance with contractual obligation.

	ER Received	Varne	Sign	Date	Design	ation
	ER Expert	Name	Sign	Designation	Date	
	Agree Pour	******		Mechanical	30,000	
×	Ready to Start		-	Electrical		
-	Delete if Not		CHING	Plumbing		
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	1-pouring done up	ubjected to 28 days test	Mr. 11 63	#	pts (to c	The second
W. 100	1-pouring done us 2-Find approved s	ubjected to 28 days test	Sign	2- Wait For 4-Contractor Designation	Fiber MAR a bave to add F	The second
7	1-pouring done us 2-Find/approved s Permission to Pro	ubjected to 28 days test reced Name	Mr. 11 63	#	pts (to c	A-AWC-R
ALL	1-pouring done us 2-Find approved s Permission to Pro Organisation	ubjected to 28 days test reced Name	Mr. 11 63	#	Date	A-AWC-R











				الأترانعاء					
Location Name		THE PERSON NAMED IN		tractor Com		Designer Co	mpany		
Km 388+000 to Km 388+183.8		(REV 29) 3.86 (REV 32)	-	OREAN W	The state of the s	SPECTRUM			
	Name		Sign			Date		Detigna	ation
Contractor ISSUED	Eng. El S Mohami		-	-	~	25/01/	2024	9:0	00 AM
Contractor Reference	IR FOR	CONCRETE (5	5-	B-DW	(R	Sp-03.)	Revisio	n
THE FOLLOWIN	IG TEST RES	ULTS ARE ATTACH	IED FO	OR REVIEW			place of		100
Mix Approval R	teference	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I							
Concrete Pour	Title	(388+132 to 38 (388+315.86 to Inspection and 5	3884	355.86) (R		ion Right Side	(Top Slat	os and Sk	ope)
Concrete Type:		Graut Mix 🗆		Lean Mix 🗆	4	Structural M		Grade:	SZZÓS
		olus attachments							
IR Approved		(R.SP3-TC)			Plant 8	equipment a	vallable	n====	
Mix Approved						p equipment a	vailable	U,	
Setting out Sur	vey Approve	id			-	items secure		4	
Temp Works Ap	where the same of the same of				-	route clear			
Formwork Che	NAME OF TAXABLE PARTY.	-			Work	rea safe to pro	-	1	
Stan	t Time for Po	our:		A		Concrete	Volume:	22.03 n	n*
Contractor	Name			Sign			ation	Date	100
Approve Pour		AEED MOHAMME	D	2.00		Mech	170.010	25/01/	2024
Ready to Start	4					Electri	-		
Delete if Not Applicable						Plumb Syster			
Contractor Con	nments:	A LA CONTRACTOR	1000	No. of Concession, Name of Street, or other	10 TO 1	- Charles		-	
		or marked N/A wi	here a	pplicable. Pe	rmission	to proceed do	es not rel	ieve conti	ractor fi
Ul boxes must be apliance with co	ntractual ob	migotion.							
npliance with ca	Name	nigotion.	Si	gn	X==(,	Date		Designa	ation
		sigotion.	Si	gn	X=1	Date		Designa	ation
ER Received		жуопел.		500		Date Designation		Designa	ation
ER Received ER Expert	Name	agotton.	Si	500				1	ation
ER Received	Name	agotton.		500		Designation		1	ation
ER Received ER Expert Agree Pour	Name	agotton.	Sij	gn		Designation Mechanical		1	ation
ER Received ER Expert Agree Pour Ready to Start	Name	agotton.	Sij	gn		Designation Mechanical Electrical		1	ation
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments:	Name		Si	golling		Designation Mechanical Electrical Plumbing		1	ation
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done	Name Name	ervision of GARB (to 28 days test re	Sig	golling	Series a	Designation Mechanical Electrical Plumbing		1	ation
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done	Name Name under supe	ervision of GARB (Signatur	SULTING	On the state of th	Designation Mechanical Electrical Plumbing Systems		1	
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Findlapprove	Name Name under supe	ervision of GARB (I to 28 days test re	Signatur	En SULTING	Sales and a sales	Designation Mechanical Electrical Plumbing	Date	1	
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approve	Name Name under supered subjected Proceed Name	ervision of GARB (I to 28 days test re	Signatur	SULTING	No. of the last of	Designation Mechanical Electrical Plumbing Systems	19-27/01	1	A-AW
ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approve Permission to F	Name Name Name under supe d subjected Proceed Name	ervision of GARB (to 28 days test re	Signatur	SULTING	Service Andrews	Designation Mechanical Electrical Plumbing Systems	19-27/01	Date	A-AW



C.R 25936

Product No:

16

26/1/2024

Concrete Class:

9 M

Time Customer Address: 91

9:03:12 AW

Quantity:

Tax Noc

Customer Name: dreamway. Tax Office:

Servine:

alamein

Chantler:

Transmitter:

5

Date

Chantler Address: Driver Name:

Material Names	Formula Required	Totali Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	Difference %	Difference Maxis
AGR1	680	6120	6120	0%	4757	0	0.1%	1%
AGR2	0	. 0	0	0%	0	0	0.0%	154
AGR3	450	3150	3150	0%	3156	D	0.2%	1%
AGR4	650	4550	4550	0%	4559	0	0,2%	135
WATER	165	1155	1155		1160	0	0.4%	126
ADD1	5.5	38.5	38.5		38.4	D	0.3%	1%
ADD2	0	0	.0		٥	0	0.0%	1%
CM1	350	2450	2450		2457	0	0.3%	176
TOTALS:	2300.5	17463.5	17463.5		15127.4			







521-120-230 C.R 25936

Product No: Concrete Class: 16

Customer Address:

Date Time

26/1/2024 9:35:14 AM

Quantity:

Customer Name: dreamway

Tax No:

Tax Office:

Chantler:

Service

91

alamein

Chaptier Address: Driver Name:

Transmitter:

5

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	Difference %	Difference Maxi6
AGR1	680	6120	6120	056	4761.5	0	0,0%	136
AGR2	0	0	0	- 0%	.0	0	0.0%	1%
AGR3	450	3150	3150	D86	3150	0	0.0%	134
AGR4	650	4550	4550	0%	4563	0	0.3%	126
WATER	165	1155	1155		1157	0	0.2%	196
ADD1	5.5	38.5	38.5		38.7	0	0.3%	196
ADD2	0	0	0		0	0	0.0%	196
CM1	350	2450	2450		2459	a	0.4%	1%
TOTALS:	2300.5	17463.5	17463.5		16129.2			







521-170-230 CR 25936

Product No:

16

Date time 26/1/2024 10:07:12 AM

Concrete Class: Quantity:

9 M

Customer Address:

Customer Name:

riceamway

Tax No:

alameln

Tax Office:

Service:

91

Chantler: Chantler Address: Driver Name:

Transmitter:

5

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Totarence	Difference W	Difference Max%
AGR1	680	6120	6120	0%	4766	0	0.1%	136
AGR2	0	0	0	0%	0	0	0.0%	1%
AGR3	450	3150	3150	C94	3158	0	0.3%	196
AGR4	650	4550	4550	0%	4558	0	0.2%	135
WATER	165	1155	1155		1156	0	0.1%	195
ADD1	5.5	38.5	38.5		38.7	0	0.5%	1%
ADD2:	O	0	D		0	0	0.0%	1%
6044	960	2450	2450		7865		17. 786	195

TOTALS: 2300,5 17463.5 17463.5 16131.7







Product No: 16 Concrete Class:

350

Costomer Name: dreamway

Tax Office: Chantler

Quantity:

Chantler Address: Driver Name:

Date Time

26/1/2024 11:01:12 AM

Customer Address:

Tax No: Service:

Transmixer:

5

91

alamein

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	difference M	Difference Maxis
AGR1	680	6120	6120	0%	4766	0	0.1%	1%
AGR2	0	0	. 0	0%	. 0	0	0.0%	1%
AGR3	450	3150	3150	0%	3155	0	0.2%	13%
AGR4	650	4550	4550	0%	4557	0	0.2%	136
WATER	165	1155	1155		1157	0	0.2%	1%
ADD1	5.5	38.5	38.5		38,7	0	0.5%	136
ADD2	0	0	0		0	0	0.0%	1%
CM1	350	2450	2450		2456	0	0.2%	1%

2450 TOTALS : 16129.7 2300.5 17463.5 17463.5















Location Name			Co	Intractor Comp	апу	Designer (ompany		
Km 388+000 to Km 388+183.86	A STATE OF THE PARTY OF THE PAR	(REV 29)		DREAM WA	Y	SPECTRU	м		
	Name		Sh	gn		Date		Design	ation
Contractor ISSUED	Eng. El Sa Mohamn					07/0	/2024	9:	MA 00
Contractor Reference	IR FOR C	ONCRETE (55-	В	DW) (R	Pa	C-06)	<u> </u>	Revisio	u o
THE FOLLOWING	TEST RESU	ILTS ARE ATTACH	ED F	OR REVIEW	100	DE L	1101		
Mix Approval Re	ference								
Concrete Pour T	itle	(388+280 to 38 (388+463.86 to Inspection and S	388	8+499.86) (RE					
Concrete Type:		Grout Mix 🗆		Lean Mix 🗆		Structural	Mix®	Grade:	C25
PRESTART CHEC	KLIST ET ph	STREET, SQUARE, SQUARE				CONTROL MARKET MARK	COCCUMENTAL ACTION	V	
IR Approved		(R.SP6-BC)	_		-	k equipment		-	
Mix Approved			-		the same of the same of	p equipmen items secur		2	
Setting out Surv	and the second second second		-			route clear	e	-	
Temp Works App Formwork Check		~	_			area safe to	ningross		
	Time for Po			100	VIOING		e Volume:	10.80	m ³
540.4	THE RESERVE OF THE PERSON NAMED IN	2013	_	170		-			-
Contractor	Name			Sign			ignation	Date	2024
Approve Pour	Eng. ELSA	EED MOHAMME	0		_	1010	chanical	07/02/	2024
Ready to Start Delete if Not			_			110000	trical	-	
Applicable			_			-	mbing ems	_	
Contractor Com	mentst		7-3		224	1.004.00	ALL STATE OF THE S		
Il boxes must be	completed o	or marked N/A wh	ere	applicable. Peri	missiar	to proceed	does not re	lieve cont	ractor fron
pliance with con	tractual obl	igation.	-		0.000000	V 60400000000000000000000000000000000000	W. SWINES	Local design	ACADO-COCIO
100 100 100 100 100	Name		S	sign .		Date		Design	ation
ER Received									
ER Expert	Name		5	iign	30	Designatio	n	Date	
Agree Pour	100000		10			Mechanica			
Ready to Start						Electrical			
Delete if Not						Plumbing			
Applicable				CARL TO		Systems			
ER Comments:	1000		1	Oleman	1	wait For	Eller	MAR	pppp
CHARGOSONY CANDON DIA LIANS	And the second of the second o	rvision of GARB C to 28 days test re	-	The second second	34.	Contrac	tor house	toald	Fiberin
Permission to Pr	oceed	13	1	6	121				
Organisation	Name	1	Sig	mes /	37	Designatio	n Date		A-AWC-F
Contractor QA/C	C Eng.M	lazen Esamy	V		27		07/02	/2024	A
GAR8*	Eng.M	largret Magdy		===					- mer
Employer	Eng.Al	laa Abd-Allatif	-1				7.2	2-24	Awa













Location Name			Contractor Com		Designer Co			
Km 388+000 to Km 388+183.86		(REV 29) 5 (REV 32)	DREAM W	AY I	SPECTRUM	6	111	
	Name		Sign"	والملاقع	Dete		Design	ation
Contractor ISSUED	Eng. El Saee Mohammed		170-111-1	1	07/02/	2024	9:	00 AM
Contractor Reference	IR FOR CO	CRETE S	5-B-DW) (P	1-SP-(06)	Revisio	n
THE FOLLOWING	G TEST RESULT	S ARE ATTACH	ED FOR REVIEW		SOUTH		102	LE SELLE
Mix Approval Re	ference							
Concrete Pour T	(3	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	8+316) (R 388+499.86) (R urveying for Slope		ion Right Side	(Top Sla	bs and Sl	ope)
Concrete Type:	Gr	out Mix 🗆	Lean Mix 🗆	-0	Structural M	x D	Grade:	
PRESTART CHEC	KLIST 🗹 plus	attachments	115-991-100-12		THE REAL PROPERTY.	W-100- 110	OACD/AND	
IR Approved		(R.SPG-TC)			equipment a		a -	
Mix Approved					p equipment a	vallable		
Setting out Surve	ey Approved			Cast in	items secure		1	
Temp Works App	proved			A COLUMN TO SHAPE A SH	route clear			
Formwork Check	CARROLL CO.			Work	irea safe to pr			0.0
Start	Time for Pour:				Concrete	Volume:	17.46	n ²
Contractor	Name		Sign		Desig	nation	Date	
Approve Pour	Eng.EL SAEEL	MOHAMMED			Mech	anical	07/02/2024	
Ready to Start					Electr	ical		
Delete if Not					Plumb	ling		
Applicable					Syster	ns		
Contractor Com	ments:							-
All boxes must be appliance with con			ere applicable. Pe	ermission	to proceed d	es not re	lieve cont	ractor from
	Name	-	Sign		Date	7	Design	ation
ER Received			100				1	
ER Expert	Name		Sign		Designation	7 T. T. T.	Date	
Agree Pour					Mechanical			
Ready to Start					Electrical			
Delete if Not			STILL STATE	V.A.	Plumbing			
Applicable		10	150	45	Systems			
ER Comments:	A	11	9/4	13			×	
1-pouring done of 2-Find approved				141				
Permission to Pr	oceed	1	2	211		y		No sum To
Organisation	Name	-	Sign	2/	Designation	Date		A-AWC-F
Contractor QA/Q	C Eng.Maz	en Esamy				07/02	/2024	A
GARB*	Eng.Mar	gret Magdy						1
Employer	7422 463	Ohel Allosie	0	-		70	2.04	11 1

Representative

Eng.Alaa Abd-Allatif



521-170-230 CR 25936

Product No.

15

Contrete Class:

9 M

Customer Address:

7/2/2024 9:03:12 AM

Quantity:

Customer Name; dreamway

Tax No:

alamein

Tax Office:

Service:

Chartler:

Transmisor:

5

Date

Time

95

Chantler Address: Driver Name:

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	Ofference %	Difference Max%
AGR1	680	6120	6120	0%	4766	0	0.1%	1%
AGR2	0	0	0	094	0	0	0.0%	1%
AGR3	450	3150	3150	096	3152	0	0.1%	1%
A/SR4	650	4550	4550	0%	4557	0	0.2%	1%
WATER	165	1155	1155		1159	0	0.3%	1%
ADD1	5.5	38.5	38.5		38.6	0	0.3%	196
ADD2	0	0	0		0	0	0.0%	1%
CM1	350	2450	2450		2459	0	0.4%	1%
TOTALS:	2300.5	17463.5	17463.5		16131.6			







C.R 25936

Product Na:

16

Date

91

7/2/2024

Concrete Class:

350

Time Customer Address:

10:33:12 AM

Quantity:

Tax No:

alamein

Tax Office:

Customer Name: dreamway

Service:

Chantler: Chantler Address: Driver Name:

Transmitter:

5

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	Difference %	Difference Max%
AGR1	680	6120	6120	0%	4766	0	0.1%	1%
AGR2	0	0	0	0%	0	0	0.0%	396
AGR3	450	3150	3250	056	3155	0	0.2%	1%
AGR4	650	4550	4550	0%	4553	0	0.1%	1%
WATER	165	1155	1155	01.87	1157	0	0.2%	156
ADD1	5.5	38.5	38.5		38.7	D	0.5%	1%
ADD2	0	.0	0		0	D	0.0%	135
CM1	350	2450	2450		2456	0	0.2%	1%
TOTALS	2300.5	17463.5	17463.5		16125.7			





521-170-230 C.R 25936

Product No: Concrete Class: Quantity:

16

9 M

Customer Name: dreamway

Tax Office:

Chantier: Chantler Address: Driver Name:

Date

7/2/2024 11:08:12 AM

Time Customer Address:

alamelo

Tax No:

Service:

Transmiser:

5

91

Material Names	Formula Required	Total Regulred	Required With Humidity	Humidity %	Total Measurment	Tolarence	Difference %	Difference Max%
AGR1	680	6120	6120	0%	4766	0	0.1%	156
AGR2	0	0	-0	0%	0	0	0.0%	1%
AGR3	450	3150	3150	0%	3355	0	0.2%	1%
AGR4	650	4550	4550	026	4570	0	0.4%	13%
WATER	165	1155	1155		1157	0	0.2%	196
ADD1	5.5	38.5	38.5		38.6	0	0.3%	1%
ADD2	0	.0	0		0	0	0.0%	196
CM1	350	2450	2450		2456	0	0.2%	1%
TOTALS:	2300.5	17463.5	17463.5	_	16142.6			





521-170-230 C.A 25936

Product No: 15 Concrete Class:

350

Date Time

7/2/2024 11:53:12 AM

Quantity:

9 M

Customer Address: 91

Customer Name: dreamway

Tax No:

olamein.

Tax Office:

Chantler:

Service:

Transmitter:

5

Chantler Address: Driver Name:

WATER ADD1	165 5.5	1155 38.5	1155 38.5	3.409	1163 38.6	D D	0.7%	1% 1%
AGR4	650	4550	4550	0%	4550	D	0.0%	1%
AGR3	450	3150	3250	0%	9149	D	0.0%	196
AGR2	0	0	0	0%	. 0	0	0.0%	196
AGR1	680	6120	6120	0%	4771	0	0.2%	1%
Material Names	Formala Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolarence	Difference %	Ofference MaxX





REQUEST to POUR CONCRETE

Green Line











	stion Name	THE REST	10	Contractor Co.		Besigner Co	mpany		451 -
	388+000 to 388+183.86		(REV 29) 1.86 (REV 32)-j-	DREAM V		SPECTRUM	į.		
Con	tractor	Name	ET A	- Sign 2		Date		Design	norre
ISSU	255	Eng. El Sa Mohamn	ned	-	-	06/02/	2024	9:	00 AM
	tractor rence	IR FOR C	ONCRETE S	-B-DWX	R- PC	(30-		Revisio	n.
THE	FOLLOWING	G TEST RESU	JUTS ARE ATTACH	ED FOR REVIEW	I STATE OF THE PARTY.	NAME OF TAXABLE PARTY.	recent to	100	
	A CONTRACTOR OF THE PARTY OF TH	SOUGH STUDY STATE		MID CYALLES					
Cone	crete Pour Ti	itle		(8+280) (8 388+463,86) (6 Surveying for Slop	The second secon		(Top Sla		
Cont	crete Type;		Grout Mix 🗆	Lean Mix 🗆		Structural M	ix ID	Grade:	C25
PRES	START CHEC	KLIST 🗹 pl	THE RESERVE AND ADDRESS OF THE PARTY OF THE						
	The state of the s		(R.SPS-TC)		uas Bulanter er en et har	& equipment a	The state of the s	-	9
Mix	Approved		=		Back u	ip equipment a	vailable	1	
-					A STATE OF THE PARTY OF T	n items secure		-	
					AND RESIDENCE OF THE PARTY OF T	s route clear		-	1
Form			17		Work	area safe to pr	CONTRACTOR OF THE PARTY OF THE	1.	-
	Start '	Time for Po	urc		The same	Concrete	Volume:	15.49 0	n³
Co	intractor	Name		Sign		Design	nation	Date	
		Eng.EL SA	EED MOHAMME	D		Mech	anical	06/02/	2024
Read	dy to Start					Electr	ical		
Del	ete if Not					Plumb	ing	-	
Ap	plicable	-				Syster	ns		
li box	es must be	completed (here applicable. I	ermissio	n to proceed do	oes not rei	lieve conti	ractor from
	ace with con	tractual obi	igation.	Sign		Inch		Design	
pliar		B.Common on							
	ecelved	Name		200		Date		Design	ation
ER R	800 SON (F)	Name		Sign		Designation		Date	ation
ER R	R Expert			Sign		Designation Mechanical			ation
ER R	R Expert ree Pour dy to Start			Sign	ie.	Designation Mechanical Electrical			ation
ER R EF Ag Read Del	R Expert ree Pour dy to Start ete if Not				SUL	Designation Mechanical Electrical Plumbing			ation
ER R EF Ag Reac Del	R Expert ree Pour dy to Start ete if Not aplicable			Sign	SCIETAL STATE	Designation Mechanical Electrical Plumbing Systems		Date	
ER R EF Ag Read Del Ap	R Expert ree Pour dy to Start ete if Not aplicable omments:	Name		Sign COA	THE STATE OF	Designation Mechanical Electrical Plumbing Systems	File	Date	
ER R EF Ag Reac Del Ap ER Co	R Expert ree Pour dy to Start ete if Not aplicable omments: uring done	Name under supe	vision of GARB C to 28 days test re	Sign COA	IM 3	Designation Mechanical Electrical Plumbing Systems	r File	Date	
ER R EF Ag Reac Del Ap ER Cr 1-po 2-Fin	R Expert ree Pour dy to Start ete if Not oplicable omments: uring done to d approved	Name under super subjected	rvision of GARB of 28 days test re	Sign COA	IM 3	Designation Mechanical Electrical Plumbing	r File lar he	Date	
ER R Ag Read Del Ap ER Co 1-po 2-Fin	R Approved etting out Survey Approved etting out Survey Approved etting out Survey Approved ernp Works Approved ornwork Checked Start Time for Pou Contractor Approve Pour Ready to Start Delete if Not Applicable ontractor Comments: boxes must be completed outlance with contractual oblig Name R Received ER Expert Agree Pour Ready to Start Delete if Not Applicable R Comments: -pouring done under supering done under supering done under supering done under supering done ontractor QA/QC Eng.Ma		rvision of GARB C to 28 days test re	Sign COA	JM JA	Designation Mechanical Electrical Plumbing Systems	File for he	Date	
ER Ro Ag Read Deli Ap ER Co 1-po 2-Fin Orga	R Expert ree Pour dy to Start ete if Not aplicable omments: uring done i ad approved nission to Pr inisation	Name under super subjected toceed Name	rvision of GARB o to 28 days test re lazen Esamy	Sign Consultant CTRI	JM JA	Designation Mechanical Electrical Plumbing Systems - Wait For	Date	Date	R APPI
ER R EF Ag Reac Del Ap ER C 1-po 2-Fin Orga Cont	Contractor Name Eng.EL SAEED Received Applicable Received Rec	to 28 days test re	Sign Consultant CTRI	JM JA	Designation Mechanical Electrical Plumbing Systems - Wait For	Date	Date VMA Ne to	R nope addfil	

+ REQUEST to POUR CONCRETE

Green Line











	Location Name				intractor Com	pany	Designer C	ompany		
	Km 388+000 to Km 388+183.86		SERVICE CONTRACTOR OF THE PARTY.	100	DREAM W (\$5-B-DV	200	SEECTRUM	٨		
	Contractor	Name		Si			Date		Design	ation
	ISSUED	Eng. El Sa Mohamm	3.03.5011			-	06/02	/2024	9:	00 AM
	Contractor Reference	IR FOR CO	ONCRETE (S	5 -	B-DW!	CR	- SP-6	5	Revisio	on.
	THE FOLLOWING	S TEST RESU	LTS ARE ATTAC	HED I	OR REVIEW		and the same	Alberta III		Political India
	Mix Approval Re	ference		-						
CONTRACTOR	Concrete Pour T	11.60.	(388+240 to 3 (388+423.86 to Inspection and	0 388	8+463.86) (F		tion Right Sid	e (Bottom	Beam)	
Ę	Concrete Type:		Grout Mix 🗆		Lean Mix 🗆		Structural 7	And in case of the last of the	Grade:	
	PRESTART CHEC	KLIST M plu	s attachments			131/1		-	1000000000	100
1	IR Approved		(R.SP5-BC)	Ž.		Plant &	& equipment	available		
	Mix Approved		100000000000000000000000000000000000000			Back u	p equipment	available		
	Setting out Surv	ey Approved				Cast in	items secure			
	Temp Works Ap	AN EXECUTOR/CONCRETE POPULATION				Access	route clear			
	Formwork Check	e-control of				Work	area safe to p	rogress		
d	Start	Time for Pot	er:			-	Concrete	Volume:	12 m ²	
	Contractor	Name		1111	Sign	W CONT	Desi	gnation	Date	10 mm
	CONTRACTOR	14001110		100				nanical	06/02/	2024
	The second secon	For FLSA	EED MOHAMMI	ED:			I DVSCL			
	Approve Pour	Eng. EL SA	EED MOHAMM	ED			11000000		00,02,	
	Approve Pour Ready to Start	Eng. EL SA	EED MOHAMM	ED			Elect	rical	0.0,02,	2001
	Approve Pour Ready to Start Delete if Not	Eng. EL SA	EED MOHAMM	ED			Elect Plum	rical bing	0.00,027	332.1
	Approve Pour Ready to Start Delete if Not Applicable		EED MOHAMMI	ED		15.5	Elect	rical bing		
THE PERSON NAMED IN	Approve Pour Ready to Start Delete if Not		EED MOHAMMI	ED		150	Elect Plum	rical bing	0.00	
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com	ments:	r marked N/A w		applicable. Pe	ermissio	Elect Plum Syste	rical bing ems	di .	
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com	ments:	r marked N/A w	here	ogranareno merca.	ermissiai	Elect Plum Syste	rical bing ems	di .	roctor froi
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com	ments: completed o tractual obli	r marked N/A w	here	applicable. Pr	ermissio	Elect Plum Syste n to proceed o	rical bing ems	elieve cont	roctor fro
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con	ments: completed o tractual oblig Name	r marked N/A w	here s	Sign	ermissio	Elect Plum Syste n to proceed of	rical ibing ems does not re	Design	roctor fro
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert	ments: completed o tractual obli	r marked N/A w	here s	ogranareno merca.	ermissio	Elect Plum Syste n to proceed of Date Designation	rical ibing ems does not re	elieve cont	roctor fro
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour	ments: completed o tractual oblig Name	r marked N/A w	here s	Sign	ermissio	Elect Plum System to proceed of Date Designation Mechanical	rical ibing ems does not re	Design	roctor fro
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con	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable	ments: completed o tractual oblig Name	r marked N/A w	here s	Sign Sign		Elect Plum Syste n to proceed of Date Designation Mechanical Electrical	rical ibing ems does not re	Design	roctor fro
cor	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments:	ments: completed o tractual oblig Name	r marked N/A w gation.	s s	Sign Sign	lige	Plum Syste n to proceed of Date Designation Mechanical Electrical Plumbing	rical ibing ems does not re	Design	roctor fro
con	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable	completed o tractual oblig Name Name	r marked N/A w gation. vision of GARB	s s	Sign Sign Sign	W 1	Plum Syste n to proceed of Date Designation Mechanical Electrical Plumbing	rical ibing ems does not re	Design	roctor fro
con	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approved	ments: completed o tractual oblig Name Name	r marked N/A w gation. vision of GARB	s s	Sign Sign Sign	W 1	Plum Syste n to proceed of Date Designation Mechanical Electrical Plumbing	rical ibing ems does not re	Design	roctor fro
con	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approved	ments: completed o tractual oblig Name Name under super subjected t	r marked N/A w gation. vision of GARB	bere S	Sign Sign S	M J	Date Designation Mechanical Electrical Plumbing Systems	rical ibing ems loes not re	Design	roctor fro
con	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approved	nents: completed o tractual oblig Name Name under super subjected toceed	r marked N/A w gation. vision of GARB	bere S	Sign Sign Sign	M J	Plum Syste n to proceed of Date Designation Mechanical Electrical Plumbing	nical bing ems does not re	Design	roctor fro
	Approve Pour Ready to Start Delete if Not Applicable Contractor Com All boxes must be impliance with con ER Received ER Expert Agree Pour Ready to Start Delete if Not Applicable ER Comments: 1-pouring done 2-Find approved Permission to Pr Organisation	nents: completed o tractual oblig Name Name under super subjected to oceed Name (C Eng.M.)	r marked N/A w gation. vision of GARB o 28 days test r	bere S	Sign Sign S	M J	Date Designation Mechanical Electrical Plumbing Systems	nical bing ems does not re	Design	ation



521-170-230 CR 25035

Product No: Concrete Class: 15

350

Date Time

6/2/2024 9:03:12 AM

Quantity:

9 M

Costomer Address: Tax No:

Customer Name: dreamway

91

atlametra

Tax Office:

Chantler:

Service:

Transmixer:

5

Chantler Address: Driver Name:

ADD1 ADD2	5.5 0	38.5 0	38.5 0		38.4 0	0	0.3%	1% 1%
AGR4 WATER	650 165	4550 1155	4550 1155	0%	4559 1160	0	0.2%	1%
AGR3	450	3150	3150	0%	3156	0	0,2%	196
AGR2	0	0	0	0%	0	0	0.0%	1%
Material Names AGR1	Formula Required 680	Total Required 6120	Required With Humidity 6120	Humidity %	Total Measurment 4757	Tolarence 0	Difference % 0.1%	Difference Max%







521-170-230 C.R 25936

Product No:

16

Time

6/2/2024

Concrete Class: Quantity:

9 M

Customer Address:

9:35:14 AM

Customer Name: dreamway

Tax No:

Yaw Office:

Service

slamein

91

Date

Chantiler:

Chantler Address: Driver Name:

Transmiser:

5

Material Names	Formula Required	Total Required	Required With Humidity	Humidity %	Total Measurment	Tolerence	Difference %	Ofference MaxX
AGR1	680	6120	6120	896	4761.5	0	0.0%	1%
AGR2	0	0	0	0%	0	0	0.0%	156
AGR3	450	3150	3350	086	3150	0	0.0%	136
AG84	650	4550	4550	0%	4563	D	0.3%	136
WATER	165	1155	1155		1157	D	0.296	1%
ADD1	5.5	38.5	38.5		38.7	D	0.3%	1%
ADD2	0	.0	0		0	D	0.0%	196
CM1	350	2450	2450		2459	9	0.4%	1%
TOTALS:	2300.5	17463.5	17463.5		16129.2			







CR 25996

Product No:

Concrete Class:

350

6/2/2024 10:07:12 AM

Quantity:

Customer Address:

Customer Name: dreamway

Tax No:

alamein

Tax Office:

Service:

Chantler: Chantier Address:

Transmixer:

3

Date

Time

91

Driver Name:

ADD2 CM1	0 350	0 2450	0 2450		0 2455	0	0.0%	1% 1%
ADD1	5.5	38.5	38.5		38.7	0	0.5%	1%
WATER	165	1155	1155		1156	0	0.1%	196
AGR4	650	4550	4550	.0%	4558	0	0.2%	1%
AGR3	450	3150	3150	096	3158	0	0.3%	198
AGR2	0	. 0	0	096	. 0	0	0.0%	196
AGR1	680	6120	6120	094	4766	0	0.1%	1%
Material Names	Formula Required	Total Required	Required With Homidity	Humidity %	Total Measurment	Tolarence	Difference %	Difference Maids







521-170-230 C.R 25936

Product No: Concrete Class:

 $= v_{\rm g}$

16

9 M

Customer Address:

6/2/2024

Quantity:

Tax Noc

11:01:12 AM

Customer Name: dreamway

alamein

Yax Office:

Chantler:

Service:

91

Date

Time

Chantler Address:

Driver Name:

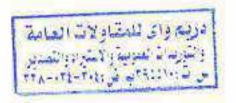
Transmitter:

5

Material Names	Formula Required	Total Required	Required With Humidity	Huroidity %	Total Measurment	Tolarence	Difference %	MaxXV MaxXV
AGR1	690	6120	6120	0%	4766	0	0.1%	1%
AGR2	0	0	0	0%	. 0	0	0.0%	1%
AGR3	450	3150	3150	096	3155	0	0.2%	1%
AGR4	650	4550	4550	0%	4557	0	0.2%	1%
WATER	165	1155	1155		1157	0	0.2%	1%
ADD1	5.5	38.5	38.5		38,7	0	0.5%	1%
ADD2	0	0	0		0	0	0.0%	1%
CM1	350	2450	2450		2456	0	0.2%	1%
TOTALS:	2300.5	17463.5	17463.5		16129.7			







140	4	 2	+	Sem S	Location of Test	Description of Test Materials	THE FOLLO	Variety.	Received by ER	VCIO GIVE	Contractor	Contractor			Km 388+00	Location Name
		TEST RESULTS (28) DAYS	TEST RESULTS (7) DAYS	Specification	Test	of Test	WING TEST R	14		I	€ET-EW-₽	Eng. ELSAEED	Constitution	Name	Km 388+000 to 389+000 Km Km 388+183.86 to 389+183.86 Km	artie
		(28) DAYS	(7) DAYS		St. (389+36	The Test Ri	ESULTS ARE				WITH LIBER SAND METERS	VED GEO		Confederation .	183,86 Km	
		COMPRESSION	COMPRESSION	Test Requirement	St. (389+964) To (389+000) 8EV(28) St. (389+147-90) To (389+183-86) REV(32)	sult of Concrete	THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW	NB: Package I Or			2	4	2000	989	DREAM WAY F	Contractor Company
		Attached	Attached	Test Result Attachment	CZEMBB (987	The Test Result of Concrete Cubes (CIS0/350 (after (7 8, 23) days.	MEMEM	NB: Package 1 Only (Package 2 via Acones)	TO M'S SECUL WAS	9 10		04/04/2024 (S5-B-DW)(C.S.T-13)	SS-B-DW	Date/Serial Number	DREAM WAY FOR GENERAL CONTRACTING	Auedu
	İ			Remarks		28 Joseph			5 06	00 MM	Revision	1.0		Jime	SPECTRUM	Devign
									2024 10	111	3	1 3			WUR	Designer Company
									9	WW						

GARB.	Designer	Contractor	Organisation		1-The CS.T1
Eng.Margret Magdy	Eng. Mazen Essamy	Eng. Elsaced Mohammed	Name		1-The C.S.T Test Result & Magnoved.
7	Y	4	Sign	APPROVAL STATUS	1- Test was o engineer for Consultant. 2- Results re cceptable wi
		ų	Date		1- Test was carried- out by material engineer for both contractor and GARB Consultant. 2- Results report attached and cceptable with project specifications.
	P	>	A-AWC-R		or and GARE and cifications.

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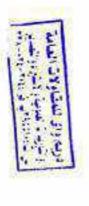
Con Co Manie & Control

TRE DE



Quality Control Department Compression Test Report

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العشروع - تلطار اسريع

العقاول دريم واي

(RIGHT SIDE)

388+964 TO 389+000 تقصر الصب قارخ التكسير

Test Result

2024-3-8 250kg/cm²

تاريخ العب اجهاد الفرسانة

ميول مسار اللطار 2024-4-5

	28	28	28	ş
	8250	7870	7900	Weight (gm)
-	2.4	2.4	2.4	Unit weight (gm/cm²)
NA COLONIA	640	650	690	(kn)
	290	294	312	Strength (Kg/cm²)
	1	298.6		Average
		119%		*

No

2000

Acc Shady Fadl

G.M

Add - Egypt - Alexandria - New Borg-Blands city - Ramsis St - Koth mail-Flat No. 2 Tell - +201277357520 - +201146438725 الموان - مصر - المائيرية- معافي والعرب المدوة - في رسيس - مول قشي - خلة رامع

Quality Control Department Compression Test Report



المشروع - القلار الدريع

المقاول دريوراي

(RIGHT SIDE)

388+964 TO 389+000 ناخ (تكسير غنصر المسب

2024-3-8 250kg/cm²

ناریخ الصب الهای انفرستا

مهول مسار العطار 2024-3-15

Test Result

1 10-5-5	4
470	1
222 240 213	//resident
Average (225)	
% % %	

중

Age

Weight (gm)

wa

7

8150 7850

Eng . Modhet Makemed



S.M

Acc Shady Fadt

Add -: Egypt - Alexandria - New Yorg-Clarab city - Bamau St - Koth mail crus 166 2 Teff - - 201177557520 - +201140459735 وهوان - مصر - از نگان پاد - موان و گرفت الموان این رسیس - جزل آمند - الله آدار آدر

SUBMISSION of TEST RESULTS











cocacic	on Nar	me		Contractor Con	pany	y:				Desig	gner Co	mpany	ę.	
500 - 1000	70.00000	to 389+000 .86 to 389+	5633370	DREAM WAY F	OR G	ENERAL C	ONTR/	ACTINO	Gi .	SPEC	TRUM			
		Name		Sign		Date/Se	rial Nu	mber		Time	E .			
Issued	he					S	5-B-I	WC						
	Eng. ELSAEED MOHAMMED OUTTACTOR EET-EW-BW SPECTRE	22/2/2 (S5-B-DW)(PM						
Contra Refere	710000000	EET-EW-	M SPECTRU	M		11:97	MONTH IN). 	Terroria	Revi	ision		1 - 2 - 2 - 2 - 2 - 2	
Receive	ed					61)	C2	(3	00	MM	YY	HH.	MM	
by ER				1	SNA	KP 388	E.W	O.T	23	02	2024	10	00	
				NB: Package 1 Only (Package 2 via Aconex) ATTACHED FOR REVIEW esult of Concrete Cubes (C250/350 (after (7 & 28							_			
Descrip Materi	ption o	of Test				and the second s	350 (a	fter (7	8, 28	i) day	5.			
Descrip Materi	ption o	of Test	The Test F		Cube	es (C250/3 REV(29)		fter (7	/ & 28	i) day	5.			
Descrip Materi Locatio	ption o ials on of T	of Test	The Test F	tesult of Concrete	Cube	es (C250/3 REV(29)			/ & 28	() day				
Descrip Materi Locatio Item	ption of T	of Test est	The Test R St. (388+1 St. (388+3	esult of Concrete 32) To (388+172) 15,86) To (388+35 Test	Cube 55.86 Tes	REV(29) REV(39) REV(32) St Result A		nent	7 & 28					
Descrip Materi Locatio Item	ption of alson of T	of Test est cification	The Test R St. (388+1 St. (388+3	32) To (388+172) 15,86) To (388+35 Test Requirement	Cube 55.86 Tes	REV(29) REV(32) REV(32) REV(32) RESUIT A	kttachn	nent	/ & 28					
	ption of alson of T	of Test est cification T RESULTS	The Test R St. (388+1 St. (388+3	32) To (388+172) 15.86) To (388+35) Test Requirement COMPRESSION	Cube 55.86 Tes	REV(29) REV(32) REV(32) REV(32) RESUIT A	kttachn tached	nent	8, 28					
Descrip Materi Locatio Item 1	ption of alson of T	of Test est cification T RESULTS	The Test R St. (388+1 St. (388+3	32) To (388+172) 15.86) To (388+35) Test Requirement COMPRESSION	Cube 55.86 Tes	REV(29) REV(32) REV(32) REV(32) RESUIT A	kttachn tached	nent	7 & 28					

Comments by: Eng. Mazen Essamy (SPECTRUM)	Comments by: Eng. Alaa Abd-Allatif (ER)
1-The C.S.T Test Result is Approved.	1- Test was carried- out by third party lab-COMIBASSAL. 2- Results report attached and cceptable with project specifications.

		APPROVAL STATUS		
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng.Elsaeed Mohammed	-2		A
Designer	Eng. Mazen Essamy			A
GARB *	Eng.Margret Magdy			
Employers Representative	Eng. Alaa Abd-Allatif	FOR THE	à	A

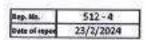


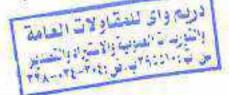


COMIBASSAL International Controllers

Internal inspection and laboratories sector

Accredited by : Egyption General Authority for Petroleum under No. 34/29-11-2011





Report compressive Strength for Cube

Compression Machine: ADR 2000 standard Sr. No. 1708-3-5071

Project	Electric Express Train	
General Consultant	SYSTRA	
Consultant	SPECTRUM	-
Contractor	شركة نريم واي	
Description of casting Element.	ميول جائبية للاتجاء الأيمن	
Station	St(388+132) to (388+172)	



type of curing	by client
cube dim.	{15*15*15} cm
cement	350 kg/cm2
Required strength	250 kg/cm2

Cube No.	Casting Date	Testing date	Age (days)	Concrete Type	Weight (gm)	Density (gm/cm3)	Load (tgf)	Strength (kg/cm2)	Avg.
1					8300	2.459	67730	301	
2	25/1/2024	22/2/2024	28	Plain Concrete	8200	2.430	72000	320	307
3					8250	2.444	67500	300	1

Lab Director

Ceman.

Eng/ Eman E. Kendil



Geotechnical Consulant

Par DI-M-

Dr / Mohamed Mostafa Badry

Kilo 23 Alexandria - Cairo Desert Road - Merghem Tel: 002 03 4704595 - 002 034701191

Email : civdept@comibassal.com WebSite : www.comibassal.com



49 El Horria Ave. Alex,Egypt

Tel: 002 033920176 - 002 033931482

Fax:002 033900476

Email: internal-inspection@comibassal.com



Quality Control Department Compression Test Report

دريم واق للمقاولات العامة الترب والعرب والمتراوات مر الرباد الناتاب فراداد المراوات م

المشروع . القطار السريع

المقاول : دريم واي

(RIGHT SIDE)

388+132 TO 388+172

2024-1-26	تاريخ الصب	2024-2-2	تارخ التكسير
250kg/cm ²	إجهاد الخرسانة	ميول مسار القطار	عنصر الصب

Test Result

No	Age	Weight (gm)	Unit weight (gm/cm³)	Load (kn)	Strength (Kg/cm²)	Average	%
1	7	7900	2.4	530	240.2	~	
2	7	7890	2.4	510	231.1	(235.7)	94 %
3	7	8150	2.4	520	235.7		

Q.C

Eng: - Medhat Mohamed



G.M

Acc Shady Fadl

Add :- Egypt - Alexandria - New Borg-Elarab city - Ramsis St - Koto mail -Flat No 2

Tell - -201277357520 - +201146439725

الطون « مصر - الإسكندية - المهلة يرج العرب الجنيدة - في رمسيس - مول قطب - شفة رقدي











Location Name				Contractor Company					Designer Company				
Km 388+000 to 389+000 Km Km 388+183.86 to 389+183.86 Km			DREAM WAY FOR GENERAL CONTRACTING					SPECTRUM					
	Name		Sign Date/ Serial Number			Time							
Issued by						S	5-B-I	WC		-			
	ontractor Eng. ELSAEED MOHAMMED		e-	×	04/03/2024 (S5-B-DW)(C.S.T-5)		12 PM						
Contra	0.00013	EET-EW-	M/SPECTRU	М	- 100	90			0.500	Revi	Revision		
Receive	ert					C1	(C2)	CS	DD	MM	YY	HH.	MM
by ER				S	NA	KP 388	E.W	O.T	5	03	2024	10	00
				NB: Package 1 On	planting principle	بازعاء إلكافيك فتنصف	ria Aco	nex)	_				
Descrip Materi	otion o	of Test		NB: Package 1 On ATTACHED FOR R Result of Concrete	EVIEV	N		MON-	8, 28	l) day	5 .:		
Descrip Materi	otion o	of Test	The Test R	ATTACHED FOR R	EVIEV Cube	N s (C250/3 REV(29)	350 (at	MON-	8, 28	l) day	501		
Descrip Materi Locatio	otion of T	of Test	The Test R	ATTACHED FOR R Result of Concrete 40) To (388+280)	EVIEV Cube	N s (C250/3 REV(29)	350 (al	fter (7	/ & ZE	l day			
Descrip Materi Locatio Item	otion of als	of Test 'est	The Test R St. (388+2 St. (388+4	ATTACHED FOR R Result of Concrete 40) To (388+280) 23.86) To (388+46	EVIEV Cube	N s (C250/3 REV(29) REV(32) t Result A	350 (al	fter (7	8, 28				
Descrip Materi I,ocatio Item	Spe TES	of Test est scification	The Test R St. (388+2 St. (388+4	ATTACHED FOR R Result of Concrete 40) To (388+280) 23.86) To (388+46) Test Requirement	EVIEV Cube	REV(29) REV(32) REV(32) REV(32)	350 (al	fter (7	' & Zŧ				
Descrip Materi Locatio Item 1	Spe TES	of Test est scification	The Test R St. (388+2 St. (388+4	ATTACHED FOR R Result of Concrete 40) To (388+280) 23.86) To (388+46) Test Requirement COMPRESSION	EVIEV Cube	REV(29) REV(32) REV(32) REV(32)	350 (al	fter (7	8, 28				
Descrip	Spe TES	of Test est scification	The Test R St. (388+2 St. (388+4	ATTACHED FOR R Result of Concrete 40) To (388+280) 23.86) To (388+46) Test Requirement COMPRESSION	EVIEV Cube	REV(29) REV(32) REV(32) REV(32)	350 (al	fter (7	8. 28				

Comments by: Eng. Mazen Essamy (SPECTRUM)	Comments by: Eng. Alaa Abd-Allatif (ER)
1-The C.S.T Test Result is Approved.	1- Test was carried- out by third party lab-COMIBASSAL. 2- Results report attached and cceptable with project specifications.

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Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng.Elsaeed Mohammed	-E (-		A
Designer	Eng. Mazen Essamy			A
GARB *	Eng.Margret Magdy			
Employers Representative	Eng. Alaa Abd-Allatif	FOR & ME		A

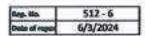




COMIBASSAL International Controllers

Internal inspection and laboratories sector

Accredited by : Egyption General Authority for Petroleum under No. 34/29-11-2011





Report compressive Strength for Cube

Compression Machine: ADR 2000 standard Sr. No. 1708-3-5071

Project	Electric Express Train	
General Consultant	SYSTRA	V.
Consultant	SPECTRUM	200
Contractor	شركة دريم واي	
Description of casting Element.	ميول جانبية للاتجاء الأيمن	
Station	St(388+240) to (388+280)	



type of curing	by client
cuba dim.	(15*15*15) cm
cement	350 lgg/cm2
Required strength	250 kg/cm2

Cube No.	Casting Date	Testing date	Age (days)	Concrete Type	Weight (gm)	Density (gm/cm3)	Load (kgf)	Strength (tg/cm2)	Avg.
1					8450	2.504	77630	345	
2	6/2/2024	5/3/2024	28	Plain Concrete	8350	2.474	83250	370	361
3					8300	2.459	82580	367	- :04

Lab Director

Eng/ Eman E. Kundil

lman

COMISAS S

Gentechnical Consulant

for Dr. 11 -

Dr / Mohemed Mostefa Badry

Kilo 23 Alexandria - Cairo Desert Road - Merghem

Tel: 002 03 4704595 - 002 034701191 Email : civdept@comibassal.com WebSite : www.comibassal.com



49 El Horria Ave. Alex,Egypt Tel: 002 033920176 - 002 033931482

Fax:002 033900476

Email: internal-inspection@comibassal.com



Quality Control Department Compression Test Report



المشروع . القطار السريع

المقاول ودريم واي

(RIGHT SIDE)

388+240 TO 388+280

Г	2024-2-6	تاريخ الصب	2024-2-13	تارخ التكسير
Г	250kg/cm²	إجهاد الخرسانة	ميول مسار القطار	عنصر الصب

Test Result

No	Age	Weight (gm)	Unit weight (gm/cm³)	Load (kn)	Strength (Kg/cm²)	Average	%
1	7	7950	2.4	510	231.1		
2	7	8250	2.4	490	222.1	(231.1	92.5 %
3 7	8150	2.4	530	240.2			

Q.C

Eng :- Modhat Mohamed



G.M

Acc Shady Fadl

Add :- Egypt - Alexandria - New Borg-Clarab city - Ramsis St - Koth mail -Flat No 2

Tell - +201277337520 - +201146439725

الغانهان ﴿ مَصِرَ - الْإِسْكَلَارِيةَ - مَنِيلَةً بِرَجَ الْعَرِبِ الْجَنِيدَةَ - فَنْ رَمِسْهِسَ - مَوْلَ قَطْب - شُقَةً رَقَعْ2

SUBMISSION of TEST RESULTS







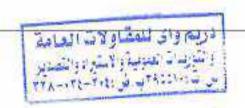




socatio	on Na	me		Contractor Company						Designer Company				
		to 389+000 .86 to 389+		DREAM WAY FOR GENERAL CONTRACTING						SPECTRUM				
		Name		Sign Date/Serial Number					Time					
Issued	hw					S5-B-DW								
Contra	20.00	Eng. ELSA MOHAMA	1000 C	05/03/2024 12 PM (S5-B-DW)(C.S.T-6)							M	Ĕ		
Contra Refere	250 0000-11	EET-EW-D	M/SPECTRU	М		7100		Mark Control		Revi	Revision			
Received						9.	壁-島	3	65	5484	99	нн	MW	
by ER				5	NA.	KP 388	E.W	O.T	6	03	2024	20	00	
THE 50	211011	***************************************		NB: Package 1 On	-		ria Aco	nex)						
	-	3.10 12.70 22.70	ESULTS ARE	ATTACHED FOR R	EVIE	W								
Decesia			Maria Company of the	and the second s	116	**************************************		4500						
Materi		of Test	The Test Re	sult of Concrete C	Cubes	s (C250/39	50 (aft	er (7	& 28) days.	6			
Materi	ials		St. (388+28	osult of Concrete (0) To (388+316) 3.86) To (388+499.5	R	s (C250/35 NEV(29) REV(32)	50 (aft	er (7	8, 28) days.	6			
Materi Locatio	ials on of T		St. (388+28	(0) To (388+316)	R 85) R	EV(29)			8, 28) days.				
Materi Locatio	ials on of T Spe	est	5t. (388+28 5t. (388+46	0) To (388+316) 3.86) To (388+499.£ Test	R 85) R	tEV(29) REV(32) st Result A		nent	8, 28					
Materi Locatio Item 1	on of T Spe TES	est	St. (388+28 St. (388+48 (7) DAYS	0) To (388+316) 3.86) To (388+499.5 Test Requirement	R 85) R	IEV(29) REV(32) St Result A	ttachn	nent	8, 28					
Materi Locatio Item 1	on of T Spe TES	est edification	St. (388+28 St. (388+48 (7) DAYS	0) To (388+316) 3.86) To (388+499.8 Test Requirement COMPRESSION	R 85) R	IEV(29) REV(32) St Result A	.ttachn tached	nent	B. 28					
1,000,000,000	on of T Spe TES	est edification	St. (388+28 St. (388+48 (7) DAYS	0) To (388+316) 3.86) To (388+499.8 Test Requirement COMPRESSION	R 85) R	IEV(29) REV(32) St Result A	.ttachn tached	nent	8, 28					

Comments by: Eng. Mazen Essamy (SPECTRUM)	Comments by: Eng. Alaa Abd-Allatif (ER)
1-The C.S.T Test Result is Approved.	1- Test was carried- out by third party lab-COMIBASSAL. 2- Results report attached and cceptable with project specifications.

		APPROVAL STATUS		
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng.Elsaeed Mohammed	e (-		A
Designer	Eng. Mazen Essamy			A
GARB *	Eng.Margret Magdy			
Employers Representative	Eng. Alaa Abd-Allatif	FOR 2019		A

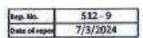




COMIBASSAL International Controllers

Internal inspection and laboratories sector

Accredited by: Egyption General Authority for Petroleum under No. 34/29-11-2011 دريم واق للمقاولات العامة والترب - العابية والتراوالتسير بي تراويده و العابية والتراوالتسير



Report compressive Strength for Cube

Compression Machine: ADR 2000 standard Sr. No. 1708-3-5071

Project	Electric Express Train
General Consultant	SYSTRA
Consultant	SPECTRUM
Contractor	شركة دريم واي
Description of casting Element.	ميول جانبية للائجاه الأيمن
Station	St(388+280) to (388+316)

type of curing	by client
cube dim.	(15*15*15) cm
cement content	350 kg/cm2
Required strength	250 kg/cm2

Cube No.	Casting Date	Testing date	Age (days)	Concrete Type	Weight (gm)	(gm/cm3)	Load (kgf)	Strength (kg/cm2)	Avg.
1					8150	2.415	83250	370	
2	7/2/2024	6/3/2024	28	Plain Concrete	8200	2,430	84380	375	348
3					8350	2.474	67280	299	

Lab Director

eman.

Eng/ Eman E. Kandil

Geotechnical Consulant

of Or. H-

Dr / Mohamed Mostafa Badry

Kilo 23 Alexandria - Cairo Desert Road - Merghem

Tel: 002 03 4704595 - 002 034701191 Email: civdept@comibassal.com WebSite: www.com/bassal.com



49 El Horria Ave. Alex, Egypt

Tel: 002 033920176 - 002 033931482

Fax :002 033900476

Email: internal-inspection@comibassal.com



bpc Egypt for Trading, Import and Export عرسة بن بن س عصر تتمزد در استراد والتمتير



Quality Control Department Compression Test Report

مرسم واى للمشاولات العامة المامة المامة

المشروع : القطار السريع

المقاول دريم واي

(RIGHT SIDE)

388+280 TO 388+316

ſ	2024-2-7	تاريخ الصب	2024-2-14	تارخ التكسير
	250kg/cm²	إجهاد الخرسانة	ميول مسار القطار	عنصر الصب

Test Result

No	Age	Weight (gm)	Unit weight (gm/cm³)	Load (kn)	Strength (Kg/cm²)	Average	%
1	7	7850	2.4	520	235		
2	7	8250	2.4	500	226	233.7	93 %
3	7	8150	2.4	530	240.2		

Q.C

Eng: Medhat Mohamed



G.M

Acc Shady Fadl

Add :- Egypt - Alexandria - New Borg-Elarab city - Ramsis St - Koth mall -Flat No 2

Tell -- 201277357520 - +201146439725

اً الطويق ؛ مصر - الإستثمارية ، معينة براج العرب الجعيدة - فن رامسيس - مول قطب - شقة رقع 2

UNIVERSAL INSPECTION REQUEST	(h	шун	-40	35	- al	LIGHT A	<u>.</u>	and the same of	2	SVSTra I		_
CEIPT OF NOTIFICAT											П	
CONTRACTOR OF THE PARTY OF THE	DREAM WAY (3	OCCUPANT AND DESCRIPTION	89+000) R	EV (29)		Designer	Compa	ny'		(SPECTRUM) Engineering Consulting Office		
sued by Contractor	Name	.00 10 307	Sign			Date/Seri	al Num	ber	Time			
	Eng.Saced Mohamm	ed	07/03/2024 2(SSH-DW) (R SPI					2 00 PM				
eceived by GARB ONSULTANT	Eng. MAZEN ESAMY	(13	tring.	UIR	. MA	EW C	CS 07	03	2024	02	00
OOE-1	1388+964 TO 389+000) ballom be	am	01	10 D3 Depo	n Reference	Ž.	For Killo	Kp 3 meter poir	(XX Note of only \$1		yaed
000-2					Activity	141						
XPLANATION OF W	ORK TO BE INSPECT	ED		Sub Elen	ent of Acth				7 17 1			
Descri		REV I		Ele	ment		-4		Ite	em		
FROM ST 388+9 FROM ST 389+147.	64 TO 389+000	The second secon	Inspection a	nd Surveying Side (Bot	for Slope ttom Beam		tight		Concrete	(1080-	.,	
NSPECTION DETAILS Planned Inspection	CHICAGO CONTRACTOR CON	yat the Flanced	Imperior Time	W-1	PI	anned Ins	pection	Time				
COMPLIANCE EVIDE Checklist Attached Drawing Reference Plan and Profile REV		_	its Attached	J .P. Referen		alibration A	MS Re- specific	eference Scation: EAR TING REPOR ON GROUP NICAL REPO	f (CG21-41	PECIFICA 2)VERSIO	TIONS ON2 BY	nv.
					- 20		CIVEC	ON GROUP.	W. Heart.			
Comments by: Eng. W I- Attached Master S	The second secon		QUIN C	SMS UL	Hydro	logical study R-2638	100000-0000		with water	er ways	reports	REV
Comments by: Inc. A 1-Vesual Inspection 2-Coordinates and le	is approved	ECTRUM)	SPE	CTRUM	11-6	mments by coordenate resultant (REV. 2244	& level	mi empres	ith gheck	Vitto		
INSPECTION RESUL	*		A Water	المستشارا		out ione		-to	Approval	Pie	ase Tic	k#
Organisation	Name	TALLET !		Sign		Date	D		A-AWC-R		BANK DA	111
Contractor		Eng.Saeed Mohammed					- 5		A			
XYZ Survey	Eng. Mohamed Khalil				2000				^	-		
σα/σε•	Eng. MAZEN ESA	MY		-					4			
GARB**	Eng. Margret Ma	edy		1					1			
Employers Representative	Eng. Alas Abd-Al	Y.		V F		- 7	-3.20	24	An	c		
Congres File Name MS-F L039		- 13	You	- Salar			Pat	pa 1 cd 1		500		

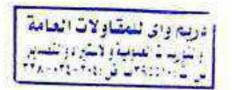
SHOP DRAWING SLOPE PROTECTION

-	m.	и	•	۲

STATION	BOTTOM BEAM													
¥		53			54			55		50				
	х	Y	z	x	Y	z	x	Y	z	x	Y	z		
388+964	427156.33	900193.88	7.2	427156.33	900193.88	6.2	427156,44	900194.16	6,2	427156.44	900194.16	7.2		
388+968	427152.64	900195.43	7.12	427152.64	900195.43	6.12	427152.75	900195.71	6.12	427152.75	900195.71	7.12		
388+972	427148.94	900196.94	7.07	427148.94	900196,94	6.07	427149.05	900197.22	6.07	427149.05	900197.22	7.07		
388+976	427145.13	900198.18	7.22	427145.13	900198.18	6.22	427145.24	900198.46	6.22	427145.24	900198.46	7.22		
388+980	427141.39	900199.6	7.23	427141.39	900199.6	6.23	427141.5	900199.88	6.23	427141.5	900199.88	7.23		
388+984	427137.71	900201.17	7.15	427137.71	900201.17	6.15	427137.81	900201.45	6,15	427137.81	900201.45	7.15		
388+988	427134.08	900202.88	6.96	427134.08	900202.88	5.96	427134.19	900203.16	5.96	427134.19	900203.16	6.96		
388+992	427130.38	900204.4	6.91	427130.38	900204.4	5.91	427130.49	900204.68	5.91	427130.49	900204.68	6.91		
388+996	427126.62	900205.76	6.96	427126.62	900205.76	5.96	427126.72	900206.04	5.96	427126.72	900206.04	6.96		
389+000	427122.86	900207.13	7.02	427122.86	900207.13	6.02	427122.96	900207.4	6.02	427122.96	900207.4	7.02		







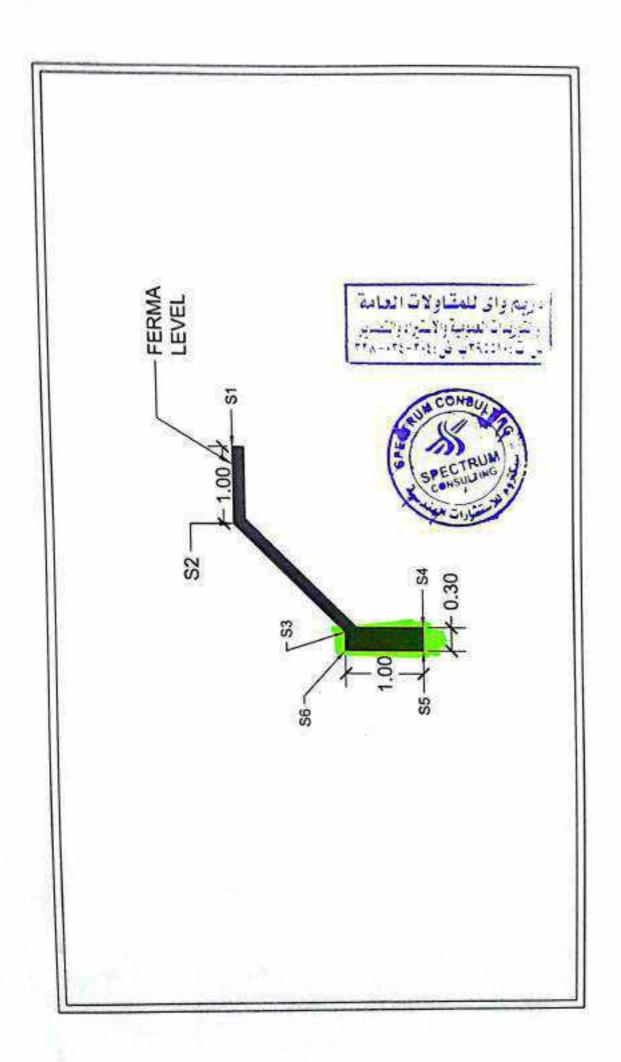












UNIVEREAL PERFECTION RECOGEST	NAME OF	Name of Street	-U.S.		50456 67/27/50 63469				2	Anteva		HAMES
RECEIPT OF NOTIFICA	ATION-Minimum Not	ice Period r	ot less tha	n 24 Hours					THE STATE OF			will
Contractor Company	DREAM WAY (388+000 to		EV (29)	-	1	er Comp	Carlo Carlo	CONSU	RUM) En	gleering	æ
ssued by Contractor	Target Contract of the Contrac	2000 00000	Sign	35 3 AT 174	-		erial Nur		Time	_	_	-
	Eng.Saced Mohamr	- WC			- 7		drosiżó			2.00	PM	
Received by GARB CONSULTANT	Eng. MAZEN ESAM	e 8	9	_	UIR	388	EW	CS 0	7 03	2024	02	00
CODE-N	(388+964 TO : Top Slabs ar			DI	to D3 Depo	ot Referens	(#)	For Kil	Kp o meter po	XXX Note Int only S		s used
CODE - 3					Activity							
EXPLANATION OF W	VORK TO BE INSPECT	ED		Sub Elem	ent of Activ	ity_	-01					75
	ription	REV		Pla	nent		_		7,0			
The state of the s	964 TO 389+000	REV 29	Inspection	n and Survey		na Brotar	lee	_	- 1	em	28	_
FROM ST 389+147	7.86 TO 389+183.86	REV 32	THE WAY IN THE STATE OF	ht Side (Top	THE RESERVE OF THE PARTY	THE PROPERTY.	NO.		Concrete	(15.51 m	1)	
INSPECTION DETAIL	5 The Following mil be read	ration Hanned				No. of	-	the same		-21		
Planned Inspection	n Date	- Commerce	Nerton Company		Plan	ned Ins	pection	Time				
COLUMN TANKE COM												
Checklist Attached	ENCE Munibrosolyder ar i					-			3000			
Drawing Reference		Test Resul	ts Attached			bration A	ttached	1.5	Other as	indicat	ed	
Plan and Profile REV	/32		141	.P. Referenc	es		-Speci & TES CIVEO -TECH	TING REPO ON GROUP INICAL REP	RTHWORK RT (CG21-4 ORT (CG21-	1,2)VERSIO	342 BY	BY
Comments by: Eng. N	Nohamed Mansoor (X)	(2)	-	30	EET PRO	GECT SEC	TION 5 2	ON GROUP		-		-
	Sheet approved by SP bdelasis Mostafa (SP)	(N	M CONS	Vis.	Hydrok 32 and l	egical stu R-2638	dy and in	tersection	with wat	ways	reports	REV
I-Vesual Inspection 2-Coordinates and le	is approved evels is approved	19 (PECTRI	IM C	2- (REV.	PER X-SI	- Record R	3 US (T	trom syst	eare tra. to cal	consult	ant
INSPECTION RESUL		1		3	933			20.13	Approva	100	asa Tic	
Organisation Contractor	Name Eng.Saeed Moham	med		Sign	Dat	e e	TI	me	A-AWC-R	No	LAttend	
XYZ Survey	Eng. Mohamed Kha	afil		1.	-				10.25			
dv/dc.	Eng. MAZEN ESAM	Y	-	3					^			
GARB**	Eng. Margret Mago	ly:							4	-	-	-
Employers Representative	Eng. Alaa Abd-Alla	1	HE	-	7		7-3-	2024	Aw.	_	-	
*Onsigner File Name MS-F L002		į.	Y					pe t of t	P V Sta		-	



SHOP DRAWING SLOPE PROTECTION

	RIGHT													
STATION	TOP SLAB AND SLOPE													
ON.	44-44-110	51			52	Marine Control		S3						
	x	Y	z	x	¥	z	x	Y	z					
388+964	427155.57	900191.92	8.15	427155.92	900192.81	8.11	427156.33	900193.88	7.2					
388+968	427151.84	900193.37	8.15	427152.19	900194.26	8.11	427152.64	900195.43	7,12					
388+972	427148.11	900194.81	8.15	427148.46	900195.7	8.11	427148.94	900196.94	7.07					
388+976	427144.38	900196.25	8.15	427144.73	900197,14	8.11	427145.13	900198.18	7.22					
388+980	427140.65	900197.7	8.15	427141	900198.59	8.11	427141.39	900199.6	7.23					
388+984	427136.92	900199.14	8.15	427137.27	900200.03	8.11	427137.71	900201.17	7.15					
388+988	427133.19	900200.59	8.15	427133.54	900201.48	8.11	427134.08	900202.88	6.96					
388+992	427129.46	900202.03	8.15	427129.81	900202.92	8.11	427130.38	900204.4	6.91					
388+996	427125.73	900203.47	8.15	427126.08	900204.36	8,11	427126.62	900205.76	6.96					
389+000	427122	900204.92	8.15	427122.34	900205.81	8.11	427122.86	900207.13	7.02					





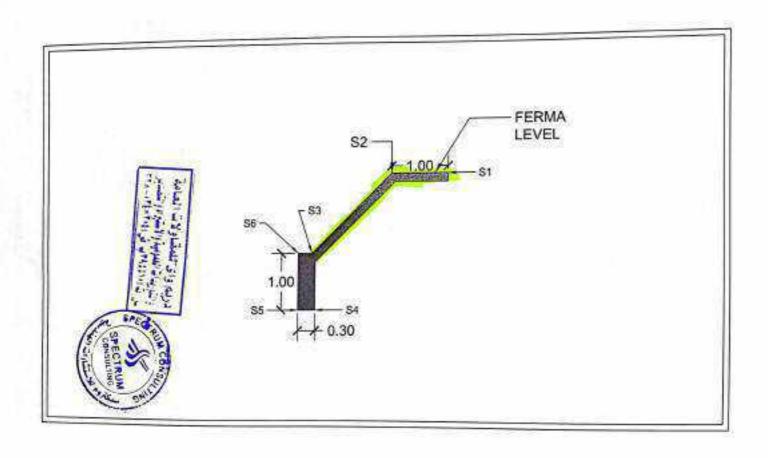


		NOTES				anse	TVDE (3)	FROMST	(388+954)	TOST	(389+000)			
	ENT	CHRE m3		00'0	1.0	172	1.55	1.55	154	1.14	1.90	181	1.78	15:51
William Street		TOTAL AREA INT		000	11.16	11.50	30.62	10.35	10.92	12.39	12.65	12.29	11.65	103.42
1		TOTAL (W)		178	2.78	2.87	2.60	2.59	2.73	3.07	136	3.07	2.97	
and the same state of	ECTION	FOM SLAB	BOTTOM SLAB (W)	0.00	000	00'0	000	000	000	000	000	000	000	
	AREA OF SLOPE PROTECTION	TOP & BOTTOM SLAB	TOP SLAB (W)	1.00	1.00	1.00	1.00	1,00	1.00	1.00	1.00	1.00	1.00	
V.	EA OF S	SLOPE (W)		164	1.78	1.87	1.60	1.59	1.73	2.07	2.16	202	1.97	TOTAL AREA
	A	(H)		2.37	149	1.56	77	1.32	144	1.73	1.80	1.75	1,64	TOT
V		Mes-es		16.0	66'0	1.04	6970	0.88	960	1.15	130	115	109	
860				7.20	1.12	7.07	122	733	7.15	6.96	6.91	8.96	7.01	
A		a	*	1.41	6.11	17.7	E.11	\$.11	8.11	8.11	8,11	8.11	8.11	
1		đ,		338+964	358+968	388+972	368+976	388+980	388+984	389+988	388+992	388+996	389+000	

3







UNIVERSAL INSPECTION REQUEST



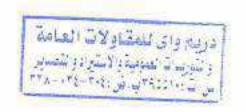








REQUEST	0.00	Estimate.		ner tischen	44	11-11-11	20772	57	MARKS:	SYSTIA	9	HARRIN
RECEIPT of NOTIFICA					i i			111 72				
Contractor Company	DREAM WAY	(388+000 to	389+000)	REV (29)		Design	er Comp	any*	(SPECTR			3
3 3	(388+1	83.86 to 38	9+183.86) I	REV (32)	antel			Signary:	- Milenia	d ouice	5	
Issued by Contractor	Name	Sign				Date/S	edal Nu	Time				
	Eng.Saeed Moham	nmed	med + (6-17			(\$5.4	6/02/20 9 DW) (R:		2:00 PM			
Received by GARB	D. 04-2000-030	500	-	-	A some	CI.	102 C	3 00	MM	YY	нн	ММ
CONSULTANT	Eng. MAZEN ESAM	īΥ	1 1			388	EW.	CS 06	02	2024	02	00
CODE	(388+280 TO 388+3	16) bottom b	eam	ot Referen	ce	For Kilo i	Kp XI noter point	XX Note only St	act Km is	une		
C00E-2					ork Activity	ш.						
EXPLANATION OF WO	ORK TO BE INSPEC	TEO	77	Sub Elle	ment of Acti	VITY.	0.00				511	(in
Descrip		REV	0-	FI	ement		- 1		Iter	10		
FROM ST 388+28	CAMP OF STREET, STREET	REV 29	Inspection	and Surveyin		Protectio	n Right				à	
FROM ST 388+463.1	6 TO 388+499.86	REV 32	ENGL VICE	CO. C.	ttom Beam				oncrete (1	10.30 m	TE .	
INSPECTION DETAILS		dy at the Plants	d inspection Tur		1783							
Planned Inspection	Date	THE PROPERTY OF THE PARTY OF TH	***************************************		P	anned Ir	spection	Ime.		-	_	_
COMPLIANCE EVIDEN	(PE and to test and the	un anatomate		100	100							144
Checklist Attached	ALE WALL DE INCADED EL	A PARTY NAME OF TAXABLE PARTY.	lts Attached	d	C	libration	Attached		ther as in	idicate	d	
Drawing Reference		1 test ness	The second second second	r.P. Referen		in Di Guidi		eference	CITCL GO	10110010		
				3	7		CIVECK CIVECK	TING REPORT ON GROUP NICAL REPORT ON GROUP				Ř
Comments by: Eng. Mo	hamed Mansour (X	YZ)			- Dec20111000	HOUSE STREET	TION 5_2		-			
I- Attached Master Sh			1111	ONSUL)	32 and 1	R-2638		ersection w	76	ways r	eports I	REV
Comments by: Eng. Abr 1-Vesual Inspection is 2-Coordinates and leve	approved	ECIROM	1 S	PECTRU CONSULTIN	5 4 cons	ordenate sultant KEV. 32 &	s & levels X-sec./20r	and width	thecked	789	1	w
INSPECTION RESULT	KIELEN.	line.	1	الران العا	/ ma		-		tus	The second control of	se Tick Attend	
Organisation	Name Eng.Saeed Moham	mad		Sign	7 De	te	Tio	ne A-/	AWC-R	1000	CONTRA	-
Contractor	Eng. Mohamed Kh			The same	15	_	_		50.000	-		
XYZ Survey	-		-	2		_			N			
QA/QC*	Eng. MAZEN ESAM				\			- 1	4			
GARB**	Eng. Margret Mago	zy.		270				1 9	V.			
Employers Representative	Eng. Alaa Abd-Alla	tif	1 -	F	7	- 6	2-20	24 A	wc			
* Ossigner File Name : MS-F.1032			HT.	oli — oli —			Page	1 of 1				



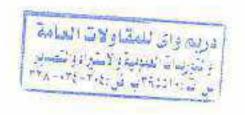
SHOP DRAWING SLOPE PROTECTION

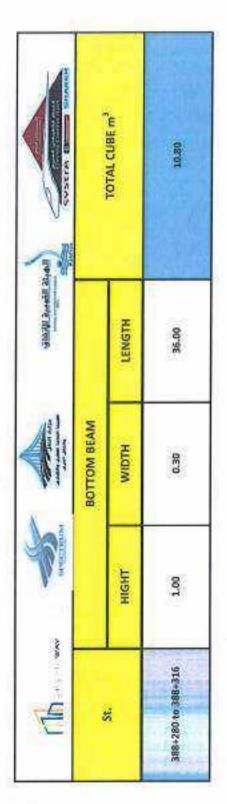
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Notas		BOTTOM BEAM												
	53				SA			55		. ,	56			
	x	Y	z	x	Y	z	x	Y	z	x	¥	z		
388+280	427794.33	899947.28	7.49	427794.33	899947.28	6.49	427794.44	899947.56	6.49	427794.44	899947.56	7.49		
388+284	427790.61	899948.74	7.47	427790.61	899948.74	6.47	427790.72	899949.02	6.47	427790.72	899949.02	7,47		
388+288	427786.95	899950.36	7.33	427786.95	899950.36	6.33	427787.05	899950.64	6.33	427787.05	899950.64	7.33		
388+292	427783.23	899951.86	7.29	427783.23	899951.86	6.29	427783,34	899952.14	6.29	427783,34	899952.14	7.29		
388+296	427779,53	899953,37	7.23	427779.53	899953.37	6.23	427779.64	899953.65	6.23	427779.64	899953.65	7.23		
388+300	427775.78	899954.76	7.25	427775,78	899954.76	6.25	427775.89	899955.04	6,25	427775.89	899955.04	7.25		
388+304	427772.03	899956.14	7.29	427772:03	899956.14	6.29	427772.13	899956.42	6.29	427772.13	899956.42	7.29		
388+308	427768.29	899957.58	7.28	427768.29	899957.58	6.28	427768.4	899957.86	6.28	427768.4	899957.86	7.28		
388+312	427764.51	899958.89	7.37	427764.51	899958.89	6.37	427764.62	899959.17	6.37	427764.62	899959.17	7.37		
388+316	427760.77	899960.3	7.38	427760.77	899960:3	6.38	427760.88	899950.58	6.38	427760.88	899960.58	7.38		

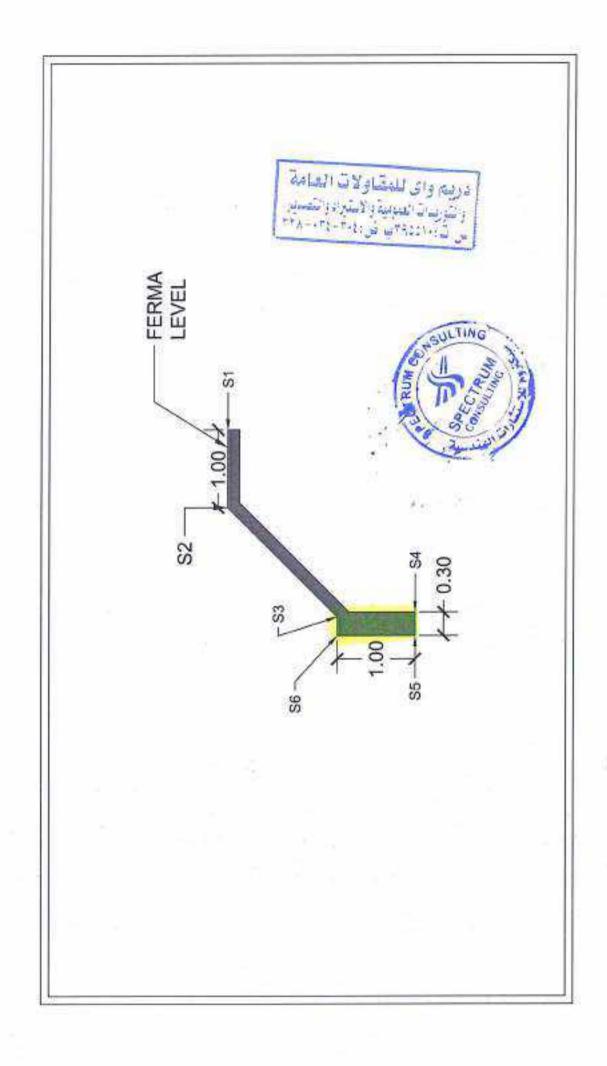
Barrell Hadle Steel Steel Steel Steel











UNIVERSAL الملق و الكارم INSPECTION atooks hereby its (GRAD) REQUEST RECEIPT of NOTIFICATION-Minimum Notice Period not less than 24 Hours The World described below will be complete and roady for inspection at planning time shown. (SPECTRUM) Engineering Designer Company* Contractor Company | DREAM WAY (388+000 to 389+000) REV (29) Consulting Office (388+183.86 to 389+183.86) REV (32) Date/Serial Number-Time Issued by Contractor Sign Name 5/02/2024 2:00 PM Eng. Saeed Mohammed 755-B-DWYIR SP5-BC) MM DOW HH Received by GARB CONSULTANT Eng. MAZEN ESAMY SER CS 05 2024 02 -00 **IDW** 62 CODE-1 Kp XXX Note For Kilo meter point only Start Kin is used D1 to D3 Depot Reference (388+240 TO 388+280) bottom beam Work Activity cone a Sub Element of Activity CODE -3 EXPLANATION OF WORK TO BE INSPECTED REV Element Item Description FROM ST 388+240 TO 388+280 **REV 29** Inspection and Surveying for Slope Protection Right Concrete (12 m³) FROM ST 388+423.86 TO 388+463.86 REV 32 Side (Bottom Beam) INSPECTION DETAILS the Following will be ready at the Plannet Inspection To Planned Inspection Time Planned Inspection Date COMPLIANCE EVIDENCE must be included as appropriate Other as indicated Checklist Attached **Test Results Attached** Calibration Attached MS Reference 1.T.P. References Drawing Reference -Specification: EARTHWORK SPECIFICATIONS Plan and Profile REV 32 & TESTING REPORT (CG21-41 2)VERSIONS BY CIVECON GROUP. -YECHNICAL REPORT (CG21-122.1) VERSION 1 BY CIVECON GROUP. **BET PROGECT SECTION 5_2** Comments by: Eng. Mohamed Mansour (XVZ) I- Attached Master Sheet approved by SPECTRUM. Hydrological study and intersection with water ways reports REV 32 and R-2638 Comments by: Eng. Abdelazix Mostafa (SPECTROW on by: Eng. Alaa Abd-Allad! (ER) nates & levels and width checked by GARB 1-Vesual Inspection is approved ш مشروع القطار السريح - غرب التعماد 2. Coordinates and levels is approved subjected to above Please Tick if INSPECTION RESULT Approval Not Attend Status. Time A-AWC-R Date Organisation Name Sken Eng.Saced Mohammed A Contractor

a

Page 1 of 1

Eng. Mohamed Khalil

Eng. MAZEN ESAMY

Eng. Margret Magdy Eng. Alaa Abd-Allatif

XYZ Survey QA/QC*

GARB**

Employers Representative

File Name : MS-F L002



SHOP DRAWING SLOPE PROTECTION

RIGHT

STATION		BOTTOM BEAM													
		SS			84			55		S6					
	x	Y	z	x	Y	z	x	Y	z	x	Y	z			
388+240	427831.83	899933.34	7.23	427831,83	899933.34	6.23	427831.94	899933.62	6,23	427831.94	899933.62	7.23			
388+244	427828.09	899934.76	7.25	427828.09	899934.76	6.25	427828.2	899935.04	6.25	427828.2	899935.04	7.25			
388+248	427824.26	899935.94	7.42	427824.26	899935.94	6.42	427824.36	899936.22	6.42	427824.36	899936.22	7.42			
388+252	427820.38	899937	7.69	427820.38	899937	6.69	427820.49	899937.28	6.69	427820.49	899937.28	7.69			
388+256	427816.43	899937.89	8.07	427816.43	899937.89	7.07	427816.54	899938.17	7.07	427816.54	899938.17	8.07			
388+260	427812.5	899938.8	8.44	427812.5	899938.8	7.44	427812.6	899939.08	7.44	427812.6	899939.08	8.44			
388+264	427808.87	899940.51	8.76	427808.87	899940.51	7.76	427808.98	899940.79	7.76	427808.98	899940.79	8.76			
388+268	427805.09	899941.82	8.33	427805.09	899941.82	7.33	427805.19	899942.1	7.33	427805,19	899942.1	8.33			
388+272	427801.97	899944,86	7.17	427801.97	899944.86	6.17	427802.08	899945.14	6.17	427802.08	899945.14	7.17			
388+276	427798.13	899946.01	7.38	427798.13	899946.01	6.38	427798.24	899946.29	6.38	427798.24	899946.29	7.38			
388+280	427794.33	899947.28	7.49	427794.33	899947.28	6.49	427794.44	899947.56	6.49	427794.44	899947.56	7,49			



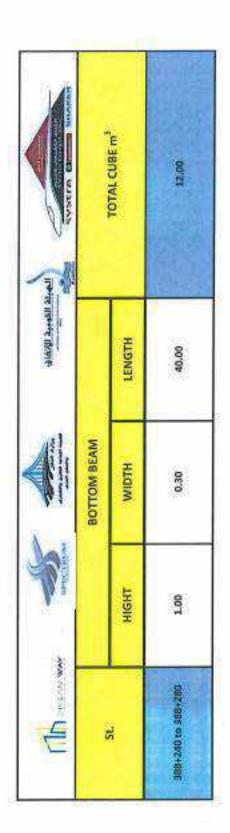




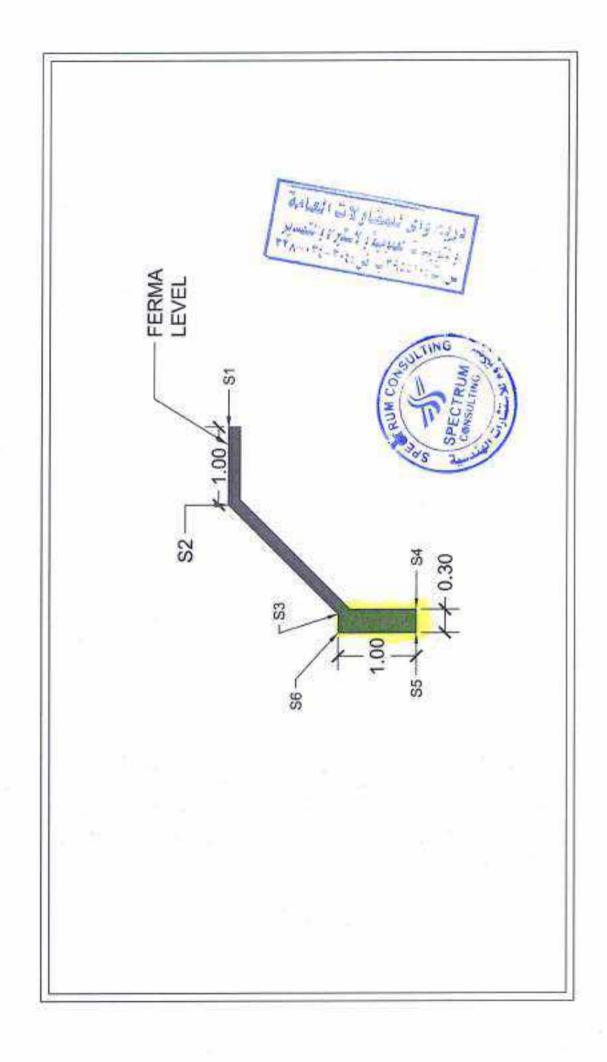












UNIVERSAL Saluttail Street Street Minth الطرق والكبارين INSPECTION (GARD) REQUEST RECEIPT of NOTIFICATION-Minimum Notice Period not less than 24 Hours The Work described below will be complete and roady for inspection at planted time thours (SPECTRUM) Engineering Designer Company* Contractor Company | DREAM WAY (388+888 to 389+888) REV (29) Consulting Office (388+183.86 to 389+183.86) REV (32) المنظاد لأت Time Issued by Contractor Sign Date/Serial Number Name 25/01/2024 2:00 PM Eng.Saced Mohammed * (854B-DW) (R.SP3-BC) MM YY Received by GARB 100 HH UIR CONSULTANT Eng. MAZEN ESAMY CS 2024 00 EW. 25 02 199 G00E-1 Kp XXX Note For Kilo meter point only Start Km is used Dt to D3 Depot Reference (388+132 TO 389+172) bottom beam Work Activity topi Sub Element of Activity CODE - 3 EXPLANATION OF WORK TO BE INSPECTED REV Element Item Description Inspection and Surveying for Slope Protection Right FROM ST 388+132 TO 388+172 **REV 29** Concrete (12.00 m³) Side (Bottom Beam) FROM ST 388+315.86 TO 388+355.86 REV 32 INSPECTION DETAILS the following will be ready at the PUTA Planned Inspection Time Planned Inspection Date COMPLIANCE EVIDENCE Must be included as appropriate Checklist Attached Test Results Attached Cal bration Attached Other as indicated MS Reference Drawing Reference I.T.P. References -Specification: EARTHWORK SPECIFICATIONS Plan and Profile REV 32 & TESTING REPORT (CG21-41.2) VERSION2 BY CIVECON GROUP. TECHNICAL REPORT (CG21-122:1) VERSION 1 BY CIVECON GROUP. EET PROGECT SECTION 5.2 Comments by: Eng. Mohamed Mansour (XYZ) 1- Attached Master Sheet approved by SPECTRUM. Hydrological study and intersection with water ways reports REV 32 and R-2638 Comments by: Eng. Abdelaziz Mostafa (SPECTRUM) Comments by: Eng. Alex Abd-Att-64 (ER) 1-coordenates & levels and width checked by GARB I-Vesual Inspection is approved consultant. 2-Coordinates and levels is approved 2- (REW 52 & X-sec./20m) Approved to above Please Tick if INSPECTION RESULT Approval Not Attend Status A-AWC-R Date Time Name Organisation Eng.Saeed Mohammed A Contractor Eng. Mohamed Khalif XYZ Survey QA/QC* Eng. MAZEN ESAMY

25-1-2-24

Page 1 of 1

Eng. Margret Magdy

Eng. Alaa Abd-Allatif

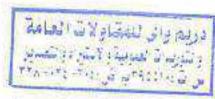
GARB**

Employers

Representative
• Designar

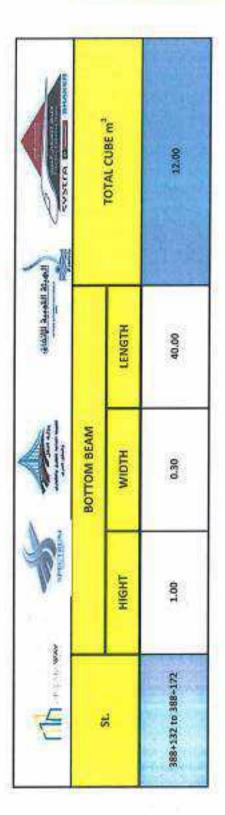
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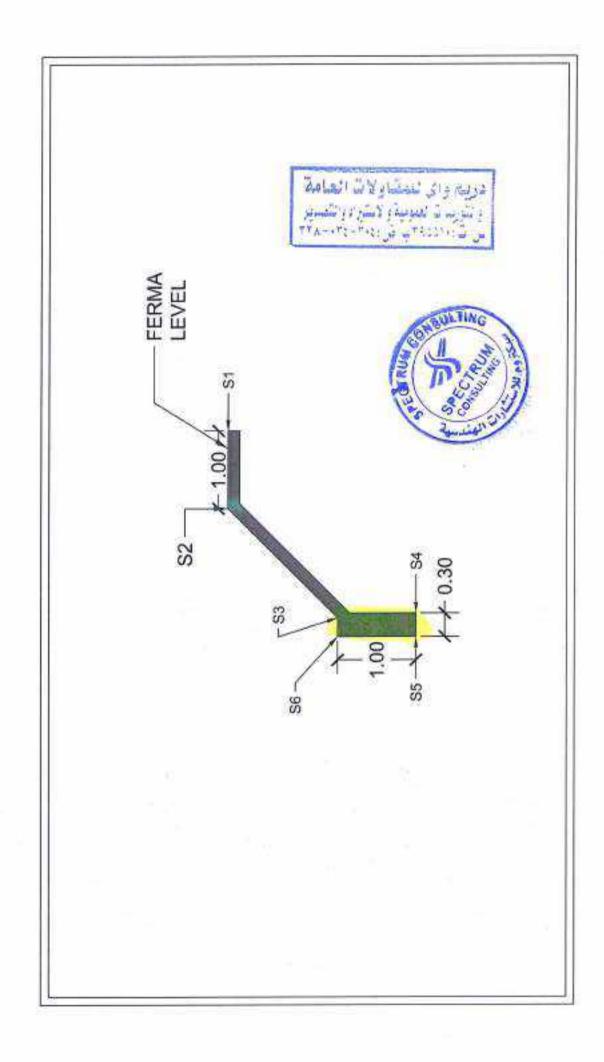


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STATI						вогто	BOTTOM BEAM					
ON		22			NS.			N			8	
	×	Y	Z	×	Y	N.	×	>	N	×	¥	(NC
381+132	427932.76	899894.92	7.11	427932.76	899894.92	6.11	427932.87	899895.2	6.11	427932.87	899895.2	7.11
381+136	427929.06	899896,43	7.05	427929.06	899896,43	90'9	427929.17	895896.71	6.05	427929.17	899896.71	7.05
381+140	427924.95	16'968668	7.73	427924.96	899895.91	6,73	427925.07	895897.19	6.73	427925.07	899897.19	7.73
381+144	427920.89	89:268	8.35	427920.89	899897,48	7.35	427920.99	859897.75	7.35	427920.99	899897.75	8.35
381+148	427917.12	899898.82	8.41	427917.12	899898.82	7.41	427917.23	1.998998.1	7.41	427917.23	899899.1	8.41
381+138	427914.05	899901.97	7.18	427914.05	899901.97	6.18	427914.15	899902.25	6.18	427914.15	899902.25	7.18
981,186	TARRES	899903.39	7.19	427910.31	899903.39	6.19	427910.42	899903.67	6.19	427910.42	899903.67	7.19
381+108	65,906,59	899904.87	7.15	427906.59	899904.87	6.15	427906.7	899905.15	6.15	427906.7	899905.15	7.15
381+164	427902.84	899906.26	7.18	427902.84	899906.26	6.18	427902.95	899905.54	6.18	427902.95	899905.54	7.18
381+168	427899.13	899907.76	7.13	427899.13	899907.76	6.13	427899.24	899908.04	6.13	427899.24	899908,04	7.13
381+172	427895.38	899909.14	7.16	427895.38	899909.14	6.16	427895.49	899909.42	919	427895.49	899909.42	7.16









UNIVER	ŞAL INSPECTI REQUEST	ON C	ice Period not less in Section as symbol Way, GOMPANY	المعواد للمع		اشتا الدامة المنافق و الكناور (1888)	A.	skeigt ein	and all and the second	. 4	Sostern .	
RECEIPT of N	OTIFICATION-Mir	imum Not	ice Period not less	than 24.Hours							00000000	
Contractor C	ompany	Dream	Way GOMPANY	ine spoge		Desig	ner Con	npany*			RUM) En	gineering
Issued by Co	ntractor	Name	100	Sign		Date	Serial N	lumber		Time		
		Eng. Elsaced N	Mohamed	-	7-	7		2/2022		1:00 >	3	
Received by G	ARB CONSULTANT		en Esamy		UIR	388	1. K-50.Y	cs	21	MM 12	2022	HH MW
CODE-1		000000000000000000000000000000000000000	o S21 Reference		D1 to D3 Dep	ot Referen	ce	F	or Kilo met		X Note only Star	t Km is aset
CODE 2					Work Activity							
EXPLANATIO	N OF WORK TO BE	ENSPECTE	D		eb Element of Activity							
	Descri	-	9	T	Element		_			Item	1	
From St.	388+500	To St.	388+700	REV 29	Geogr	id		OVE	RLAS 3	ocm.	AREA=	3216 W2
From St.	388+683,86	To St.	388+883.86	REV 35	A. Strainson			e-cies		AND DESCRIPTION OF THE PERSON	010000	torina basemen
Planned Ins	DETAILS to retents pection Date	s will be made	at the Planned Inspection	n Time	F	lanned	Inspecti	on Time	9			
COMPLIANCE	EVIDENCE Must be	included as ag	propriate						-			
Checklist Atta Drawing Refe	- Contraction -		Test Results Atta	ched Refere		alibratio	n Attach	ed Referen		er as in	dicated	
POINT OF SHI POINT ON PU MASTER SHEE	363.77	T.L	\$5-B-DW IR-SG(\$5-B-DW FD) \$8-B-DW \$8-B-D	C-SG1(2)			S TO GRO -TEC	ESTING RE JUP,	EPORT (CG.	1-41.ZJVE	RSION2	Y CIVECON
Comments by:	Eng. Mohamed KHA	LIL (XYZ)				9.	_					
2	laster Sheet approv As Built (Geogrid) Eng. Mostafa reyad	with overla	b 30 cm , AREA= 3	SPECTE SPECTE SPECTE SPECTE SPECTE SPECTE SPECTE	1-Th	e work ha	SARB. EN	G. consul		Struction		ARB to NIVERSITY)
INSPECTION F	RESULT		11.37 127	2000	5/6			200	Appro		2000	e Tick if
Organisation Contractor		F1.0342402Y	Name		Sign	Date		Time		AWC-R	10000	
XYZ Survey			ed Mohamed	11	00					A	+	-
- 10			VIDAS 100 VIVA	to have	horwar		_		- 10	1		
QA/QC*		Eng. Maze	n Esamy			75	-		P		-	
GARB**		Eng. Marg	ret magdy		11/1							
Employers Rej					1 4 1 1 1						_	

3,20, 322	VOCATION AT ACCUSATION AND A	عماد (دار عماد		- 3	SA Date
The common	Sectifical Express Trail From Station 3			are the	21/12/2022
	- 10	Works Ins	pection Reque	st	
We request your attendar	nce to inspect the following			- Company	
Discipline :	☐ 0/6/Supe Protection Zone	D &	From Station	To Station	El Savey Level.
Location :	Dreamway		388+500	388+700	ABOVE LAYER (1)
References	Drawing: EET-BORS EL A	URAB REV 29	Plan Profile	Specification/EFTL1. and testing report.	1. Earthworks specifications
Purpose of the inspecti	lon			tend tending reports	AND DESCRIPTION OF THE PARTY
	Setting out Devids Versionity			و ۵ تا ۱ تعامم لاستراه والتستور ۲۰۱۱ - ۲۰۱۶ - ۲۰۲۸	فريم وای للمقا ز خرس دسوب و س ساده دسوب و
Attachments	1	29,			
1-PLAN					
			-		5
			غوب السيل	الشطار السريع	مشروخ
			غرب البيل	11 /	مشرون
Submitted by:	Constrainty	U Ароні	غرب السيل a Rood (8)	Signature: /- De/	Lughmen
Submitted By: SARP Consultant Engine	Constrainty	() Appeal	ar Hond (8)	11 /	elus hm es
GARP Consultant Engine	Constrainty	O Apost	غرب الميل as Resed (8)	Signature: /- De/	
A STATE OF THE PARTY OF THE PAR	Constrainty	() Apovel	ar Hond (8)	Signature: /- De/	
GARP Consultant Engine	Constrainty	U Apovel	غرب الميل a Rend (8)	Signature: /- De/	
GARP Consultant Engine	Constrainty	О Арома	at Hood (9)	Signature: /- De/	
SARP Consultant Engine	Dosamway cor) (Commerce :	[] Apposed in		Signature: Ab/	
SARP Consultant Engine	Constrainty		Mondd (III)	Signature: /- De/	/ (*) Religion((t))
The works are I	Dosamwy seri (Guernarika : (D-16500md (N) E5 tur-y		Mondo (II)	Signature: //b/ Dale to mis precioning	/ Designed (0)
The works are : Name: Ar a Zern General Consultant's Co	Desarrany Seri Commercia : D *Served (N) E5 to - /	∏ Approved as	Model (30)	Signature: //b/ Dale to misperion/	/ Designed (0)
The works are : Name: Ar a Zern General Consultant's Co	Desarrany Seri Commercia : D *Served (A) ES to - y mmenta:	∏ Approved as	Model (30)	Signature: //b/ Dale to misperion/	/ Delgand (0)
The works are : Name: A a Zerr General Consultant's Co	Desarrany Seri Commercia : D *Served (A) ES to - y mmenta:	☐ Approved in	Mond (III)	Signature: //b/ Dale to misperion/	/ Delgand (0)
The works are : Name: A a Zerr General Consultant's Co	Constrainty SST 1 Comments: (D-45saved (A) ES tra	☐ Approved in	Mond (III)	Signature: //b/ Dale to misperion/	/ Delgand (0)
The works are : Name: Ma Zerr General Consultant's Co -we seed approved typical x 2-Xsec/20m of REV.30 s 3-Quality ten checked by	Constrainty SST 1 Comments: (D-45saved (A) ES tra	☐ Approved as griding 2 , the wi	Monid (III)	Signature: //b/ Dale to misperion/	/ Designed (0)

Contraction of the second

(6)

geogrid area from 388+500 to 388+700 Area=3216 m2





الساده / شركة دريم واى للمقاولات تحية طيبة وبعد...

الموضوع: - بشأن الطلب المقدم من سيادتكم بتاريخ ٢٠٢٣/١/٤ لإجراء اختبار على عدد (١) عيثة جيوجريد.

بالإشارة إلى الموضوع عالية. نتشرف بأن نرفق لسيادتكم التقرير الذي أعد بواسطة كلا من :-

ارد / راتيا محمد احمد محروس الديب

د / ياسمين الماحي.

يقسم هندسة الغزل والتسيخ وذلك من خلال المركز الهندسي.

مع خالص احترامي وتقديري،،

المدير التنفيذي للمركز الهندسي كلية الهندسة - جامعة الاسكندرية

١٠٢٠٤ محمد طارق الصياد



تعدید افی ۱۰ پنایر ۲۰۲۳ عزد

دريم واي للمقاولات العامل والقويد المعامل والقويد العدم والمرادة المدرسة والمرادة و



معمل اختبارات قسم هندسة الغزل و النسيج - كلية الهندسة

Customer: Dream Way Sample type: Geogrid-biaxial

Sample code	Tensile strength (KN/m)	Elongation (%)
Geogrid- biaxial		
According to ASTM (D6637-B)	44.2	13.29

The laboratory is responsible only for the sample provided.

The sample provided is responsibility of the supplier.

The result has a tolerance ± 5%

Created by:

Dr. Yasmin Ayman Mohamed Hafez Elmahy

Approved by:

Prof. Dr. Rania Mohamed Ahmed Eldeeb



I rim	ب أيدار عصك تبييل Electrical Engress Train From De Prom Station 388-00 To S	rg Allerials to Alleriality	10-155	31/12/3	1
	Works I	aspection Requ	ost		_
We request your attendar	nce to inspect the following works :				
Discipline :	(1) Childhole Protection (Shatter	[7] Ironogo	Ell boyer	
Location 1	Zons Dreamway	7ROM 388+640	389+700	prepared subgr	rad
References	Drawing: EET-BORG EL ARAB REV	and an arrangement of the second		i.Earthworks apacifical	
Purpose of the inepacti	Simerying (i) Sitting cell (ii) Lencit		العامة - دونتسنير- دونتسنير-	Anti Grandina (1927) Paragraphical (1927) Paragraphical (1927)	
Attachments	□ Writally				
	CALL RETURN				
Submitted by:	Dreaman Abol of Record Communication	hman Ate	Signature: Alb	telesahin	- e
Submitted by:	proma Abd el Ro	alman Ate,	Annual Confession of the last	tuluahm	-
Submitted by:	presence Abol et Rosenacia:	iman Ate,	Annual Confession of the last	delegahi bythirdper	
Submitted by:	presence Abd et Reconstruction Communication	cents ((T.O.3	delegahi bythirdper	
Submitted by: SARP CONSULTANT Engine The Consultant	presence Abd et Reconstruction Communication	centa (CT.Q-3	delegahi bythirdper	1
Submitted by: SERP Consultant Engine Live Consultant The works are:	Dreaman Abol et Ro	centa (CLO-3	delegahi bythirdper	
Submitted by: SARP CANSULTANT ENGINE LIAN S The works are: Mame: Ma Un (Description Later Consider La	centa (Code truspectation C.O.T.) Discontinues Signatures	delegahi bythirdper	1
Submitted by: SARP CONSULTANT Engine Long Consultant The works are: Mame: M. G. W. C. General Consultant's Co. 1-50 sample year selection.	Description Later Consider La	Symbol ()	Code truspectation C.O.T.) Discontinues Signatures	de legales by this does to time	
Submitted by: SERP Consultant Engine Live S The works are: Name: Ma Wa C General Consultant's Co 1-50 sample was selected.	Descentary Abol CAR. Des (Andrew 14) Descentary Des	one as fitted (5) Combined (2) Identify (1) Ith project	Code tropspectation C - O - T) Disconding to the code of the co	de legales by this does to time	
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UNIVERSAL Below Str. At INSPECTION الطرق و الكياري (GARE) REQUEST SVStra CE RECEIPT of NOTIFICATION-Minimum Notice Period not less than 24 Hours The Work described below will be complete and ready for inspection at planned time shown. (SPECTRUM) Engineering Contractor Company | Dream way Company Designer Company* Consulting Office Date/Serial Number Issued by Contractor Name Time 23/01/2023 12:00 PM Eng. Abdelrahman atef IR-GE (3) Received by GARB MM MM UIR CONSULTANT Eng. SAIED SAIF CS 2023 00 399 EW 24 01 12 **Kp XXX Note** CODE-1 D1 to D3 Depot Reference For Kilo meter point only Start Km is used STATION REFRANCE Work Activity CODE - 2 Sub Element of Activity **EXPLANATION OF WORK TO BE INSPECTED** Element Description Item GEOGRID LAVER GEOGRID LAYER ABOVE (P.S.G1) 388+500 From 5t. 388+300 INSPECTION DETAILS The Following will be ready at the Planned Inspection Time Planned Inspection Time Planned Inspection Date COMPLIANCE EVIDENCE Must be included as appropriate **Test Results Attached** Other as indicated Calibration Attached Checklist Attached M5 Reference I.T.P. References Drawing Reference Specification: EARTHWORK SPECIFICATIONS PLAN AND PROFILE REV.31 1-PLAN & TESTING REPORT (CG21-41.2) VERSIONS BY 2-QUALITY TEST CIVECON GROUP. TECHNICAL REPORT (CG21-122.1) VERSION 1 BY CIVECON GROUP. Comments by: Eng. Mohamed Mansour D(YZ) 1- Attached Master Sheet approved by SPECTRUM. دريم واق للمقاولات العامة مشروع القطار السريق غرب النيل والشورسان المعومية والاستراد والتصدير Comments by: Eng. Alpa Abd-Alfatif (ER) Comments by: Eng. Saled Salef (SPECTRUM) l-wo need approved typical x sec to use geogrid between مري the work has been according to instruction from GARB, 2 ثم مراجعة شبت المتاسيب to contractor & GARB consultant. 2-xsec/20 m of rev30 should approved from system to calculate area 3-quality test checked by third party lab. 4-final approved in subject to above mentional INSPECTION RESULT Approval Please Tick if Not Attend Status Date COV Meted Time A-AWC-R Organisation Name Eng. Abdelrahman atef Contractor XYZ Survey Eng. Mohamed Khalil

Page 1 of 1

QA/QC*

GARB**

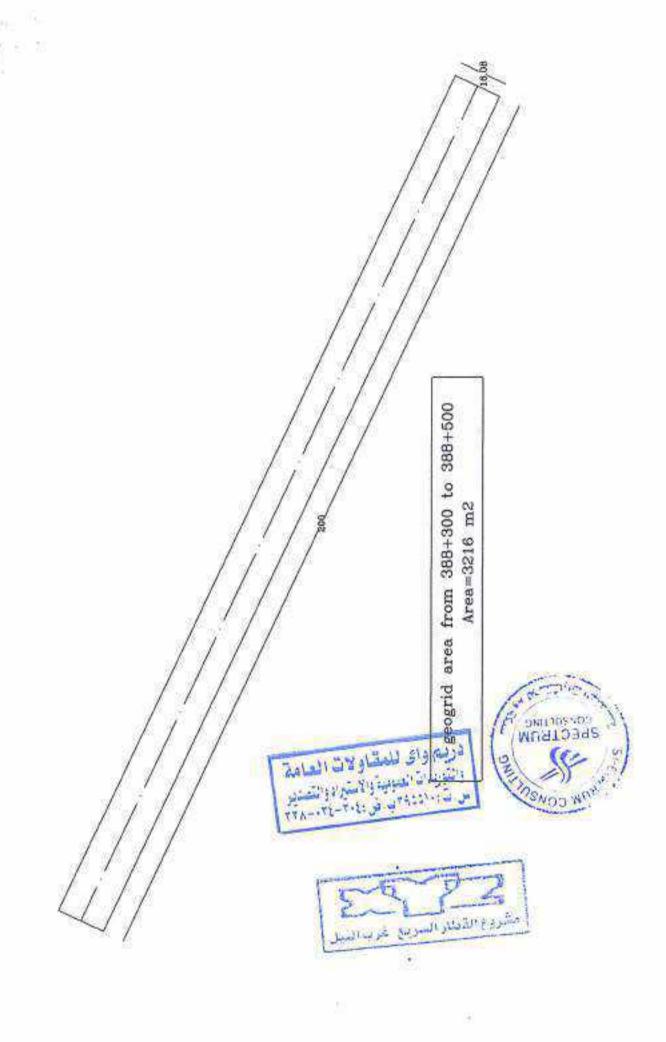
Employers Representative * Designer

File Name : MS-F.L032

Eng. Saled Saif

Eng. Mohammed Fayad

Eng. Alaa Abd-Allatif-







الساده / شركة دريم واى للمقاولات تمية طيبة وبعد...

الموضوع: - بشأن الطلب المقدم من سيادتكم بتاريخ ٢٠٢٣/١/٤ لإجراء اختبار على عدد (١) عينة جيوجريد.

بالإشارة إلى الموضوع عالية. نتشرف بأن نرفق لسيادتكم النقرير الذي أعد بواسطة كلا من :-

ايد / راتيا محمد احمد محروس الديب

د / ياسمين الماحي.

بقسم هندسة الغزل والنسيخ وذلك من خلال المركز الهندسي.

مع خالص احترامي وتقديري،،

المدير التنفيذي للمركز الهندسي كلية الهندسة ـ جامعة الاسكندرية

ا. د/ زياد محمد طارق الصياد



فريم واى للمضّاولات العامة والتوريدات السبابية بالاستواد والتصدير س لقاء الادناء إلى المراد والتصدير



معمل اختيارات قسم هندسة الغزل و النسيج - كلية الهندسة

Customer: Dream Way Sample type: Geogrid-biaxial

Sample code	Tensile strength (KN/m)	Elongation (%)
Geogrid- biaxial		
According to ASTM (D6637-B)	44.2	13.29

The laboratory is responsible only for the sample provided. The sample provided is responsibility of the supplier. The result has a tolerance \pm 5%

Created by:

Dr. Yasmin Ayman Mohamed Hafez Elmahy

Styres to

Approved by:

Prof. Dr. Rania Mohamed Ahmed Eldeeb







catio pratocolog decorbes paucoses Designer Company DREAM WAY COMPANY Contractor Company Date/Serial Number Time 22/1/2029 issued by Contractor 3:00 PM Eng. Abdelrahmus Atol (MAR.SGOY) 1/41/3 09. Received by GARS Drig. Misson Essanty 28 EW. 05 28 CONSULTANT Ry XXX Note III to 51 \$1 to \$21 For Riflometer point only Start fürn is used Depot Anference Station Reference Work Activity Sub Element of Activity PREPARED SUBGRADE 1 Description of Materials 388+500 388+300 TO Location to be Used From 22/1/2023 UIR-SG 07 MAR & UIR Approval No Date 28/11/2022 M.A.R.(12-1) ELSEWY, Dream way Supplier Name

Test 8	equirement	F.D.T(ASTM D 1	556) Sp	ecification	FARTHWORK SPECIFICATION 41.2) VERSION 2 BY CIVECO	us a Testung Report (CG2). N GROUP
Refer	ence Photos	No/Yes		Other		
Item	Desc	ription	Unit	Quantity	Arrival Date	Note
1	SAND C	ONE TEST	NUMBER	20		
2						
3						
4						

Comments by: Eng. Mazen Essamy (SPECTRUM)

I-The Compaction Test Result F.D.T. (ASTMIR 155)

Comments by: Eng. Alaa Abd-Allatif (ER)

1-F.D.T was carried- out by material engineer for both contractor and GARS Consultant

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D.

Results report attached and acceptable with project specifications.

3-Final approval is subject the above

	APPRO	WALSTATUS		
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng. Abd of raheron atef	Wholeliah	zas	A
aNac+	Eng. Maxon Essamy	1 CX		A
GARB**	Eng. Mohammed Frysk	0.1		
Employers Representative	Eng. Also Also Avisity 20	17 Alex	th	AWC

^{*} Designer

^{**} Alignment/Eridges Colvert only

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MASTER SHEI APPROVED 8 Comments by: I- Attached M 2- Comments by: INSPECTION 8 Organisation Contractor	Y (SPECTRUM)CON Eng. Mohamed KHA laster Sheet approv As Built (Geogrid) Eng. Mostafa reyad	SULTING LIL (XYZ) ed by SPEC with overla (SPECTRUM Eng.Elsace	Name	CRUM 3	1-The عبر استلام الله contr. 2-Qua	work has actor & GA dity test ch	ng Wiss	Abri. All Abri. All ne accor i. consult y third p	atil (68) atil (68) ding to instrictions. arty lab. (A Approv. Status A-AV	uction LEXANI	from GA	RB to IVERSITY)
MASTER SHEI APPROVED 8' Comments by: I- Attached M 2 Comments by: INSPECTION I	Y (SPECTRUM)CON Eng. Mohamed KHA laster Sheet approv As Built (Geogrid) Eng. Mostafa reyad	SULTING LIL (XYZ) ed by SPEC with overla (SPECTRUM Eng.Elsace	Name ed Mohamed	CRUM 3	عالم النظام الله عليه النظام الله contr. 2-Qua	work has actor & GA dity test ch	ng Wiss	Abri. All Abri. All ne accor i. consult y third p	atil (68) atil (68) ding to instriction. arty lab. (A Approv. Status A-AV	uction LEXANI	from GA	RB to IVERSITY)
MASTER SHEI APPROVED 8' Comments by: I- Attached M 2 Comments by: INSPECTION I	Y (SPECTRUM)CON Eng. Mohamed KHA laster Sheet approv As Built (Geogrid) Eng. Mostafa reyad	SULTING LIL (XYZ) cod by SPEC with overla (SPECTRUM Eng.Elsace Eng. Moha Eng. Maze	Name ed Mohamed	CRUM 3	عالم النظام الله عليه النظام الله contr. 2-Qua	work has a actor & GA ality test ch	ng Wiss	Abri. All Abri. All ne accor i. consult y third p	atil (68) atil (68) ding to instrictions. arty lab. (A Approv. Status A-AV	uction LEXANI	from GA	RB to IVERSITY)

UNIVERSAL INSPECTION لطرق و الكباري DREAM COARS. REQUEST RECEIPT of NOTIFICATION-Minimum Notice Period not less than 24 Hours. The Work described below will be complete and ready for inspection at planned time shown (SPECTRUM) Engineering Contractor Company | Dream way Company Designer Company* Consulting Office issued by Contractor Date/Serial Number Time Sign 12/02/2023 12:00 PM Ene. when Abdelrahman atef IR-GE (5) Received by GARB MM MM CONSULTANT Eng. SAIED SAIF LIIR EW CS 13 2023 00 02 12 Kp XXX Note CODE-1 D1 to D3 Depot Reference For Kilo meter point only Start Km is used STATION REFRANCE CODE - 2 Work Activity **Sub Element of Activity** CODE - 3 EXPLANATION OF WORK TO BE INSPECTED Element Description Item GEOGRID LAYER ABOVE (P.5.G1) GEOGRID LAYER From St. 388+000 To St. 3884700 INSPECTION DETAILS The Following will be ready at the Planned Inspection Time Planned Inspection Time Planned Inspection Date COMPLIANCE EVIDENCE Must be included as appropriate Test Results Attached Checklist Attached Other as indicated Calibration Attached Drawing Reference 1.T.P. References MS Reference PLAN AND PROFILE REV.31 Specification: EARTHWORK SPECIFICATIONS 1-PLAN & TESTING REPORT (CG21-41.2)VERSION2 BY 2-QUALITY TEST CIVECON GROUP. TECHNICAL REPORT (CG21-122.1) NERSION 1 BY Comments by: Eng. Mohamed Mansour (XYZ) 1- Attached Master Sheet approved by SPECTRUM. مشروع القطار السرايع Comments by: Eng. Sales Sales (SPECTRUM) 1 Comments by: Eng. Alaa Abd-Allatif (ER) 1- تم أستلام القطاع فحد 1-we need approved typical x sec to use geogrid between the work has been according to instruction from GARB 2. ثم مر اجعة شيت العقا to contractor&GARB consultant. 2-xsec/20 m of rev30 should approved from systra to calculate area 3-quality test checked by third party lab. 4-final approved in subject to above mentional INSPECTION RESULT Approval Please Tick if Not Attend Status Time A-AWC-R Organisation. Eng. Abdelrahman atef Contractor Eng. Mohamed Khalil XYZ Survey QA/QC* Eng. Saied Saif

Page 1 of 1

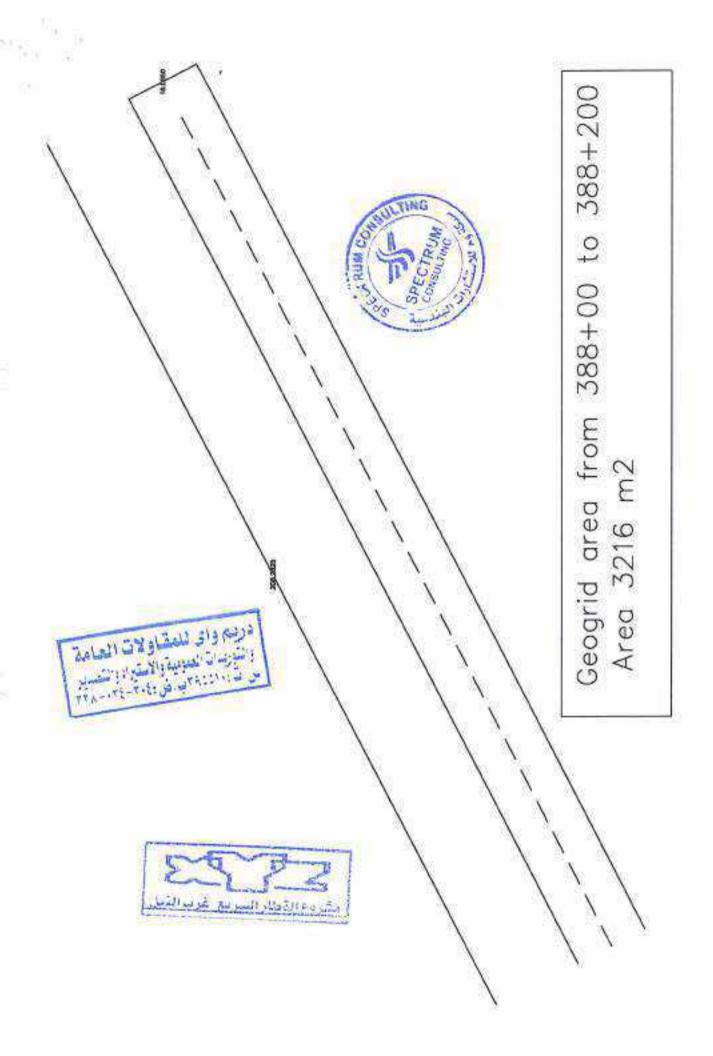
GARB**

Employers Representative • Designer

File Name : MS-F,L032

Eng. Mohammed Fayad

Eng. Alaa Abd-Allatif







الساده / شركة دريم واى للمقاولات تحية طبية وبعد...

الموضوع:- بشأن الطلب المقدم من سيادتكم بتاريخ ٢٠٢٢/١/٤ لإجراء اختبار على عدد (١) عيثة جيوجريد.

بالإشارة إلى الموضوع عالية. نتشرف بأن نرفق لسيادتكم التقرير الذي أعد بواسطة كلا من :-

ا.د / راتيا محمد احمد محروس الديب

د / ياسمين الملحى.

يقسم هندسة الغزل والنسيخ وذلك من خلال المركز الهندسي.

مع خالص احترامي وتقديري،،

المدير التنفيذي للمركز الهندسي كلية الهندسة ـ جامعة الاسكندرية

١٠٤/ ١٩٤ . ١. د/ زياد محمد طارق الصياد



تحريرا في 11 يناير ٢٠٢٣. عزار

فريم واى للمقاولات العامة وتولد د تعوية والمتراد والعدو م تدادد الدوية والمتراد والعدو



معمل اختبارات قسم هندسة الغزل و النسيج - كلية الهندسة

Customer: Dream Way Sample type: Geogrid-biaxial

Sample code	Tensile strength (KN/m)	Elongation (%)
Geogrid- biaxial		
According to ASTM (D6637-B)	44.2	13.29

The laboratory is responsible only for the sample provided. The sample provided is responsibility of the supplier. The result has a tolerance \pm 5%

Created by:

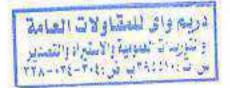
Dr. Yasmin Ayman Mohamed Hafez Elmahy .

the to

Approved by:

Prof. Dr. Rania Mohamed Ahmed Eldeeb

-1-1

















Contractor Company	DREAM WAY COMPANY	r j		Designer Company Date/Serial Mumber 07/02/2023 (MARSG, 1)				CAPECTALINA	(SPECTALIAN) Degressing Considering Office:				
AND	Name	Sign O											
ssued by Contractor	Eng. Abdelrahman Atel	Aldalahus	3:00 PM										
ACCOUNTS DICTORNAL	Se Holannessania	1		9 41 5	162	- Car	(0.00)	MSI	- 97	Hen	5014		
CONSULTANT	Eng. Masen Essamy		7,685	388	EW.	cs	1	2	23	3	0		

ET LOOK STORY	51 to 521	D1:00°53	Na 1904 Mater
coor-t	Station Reference	Depat Reference	For Hillemoter point only Start Am is used
Water Water		Wark Activity	
		Sub Element of Activity	real-real-series re-mont

Descr	ption of Materials	PREPARED SUBGRACE	1					
Loca	ation to be Used	From	388+	000	10	388+200		
11157-7680	program vištingosmi	UIR-SG 11		Date	07/92/2023			
MAR 8	AR & UIR Approval No M.A.R.(1)		3-1) Date		(10/12/2022)			
s	upplier Name	ELSEWY , Dream w	ay					
Tes	st Requirement	F.D.T(ASTM D 15	56)	Specification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CO 42.2) YERSION 2 BY CIVICON GROUP			
Ret	ference Photos	No/Yes		Other				
Item	De	scription	Unit	Quantity	Arrival Date	Nate		
1	SAND	CONE TEST	NUMBER	20				
2								
3								
4				107	11	1000		

Comments by: Eng. Mazen Essemy (SPECTRUM)

1-The Compaction Test Result F.D.T. Jessey Bilds

Comments by: Eng. Alaa Abd-Allatif (ER)

1.F.D.T was carried- out by material engineer for both contractor and GARB Consultant

2-Results report attached and acceptable with project specifications.

درنس ما ما مسلم المعاون المعا

	APPRO	OVAL STATUS		
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Eng. Abd el rahman stef	1 Place	non	A
QA/QC *	Eng. Mazen Essawy	9		А
GARS**	Eng. Mohammed Fayad	-= 0)	
Employers Representative	ling, Also Abd-Albabit 92	PALA	米	AWC
* Decigner ** Alignment/Eddget: Culvett only		11/4	9	£5

^{1&}quot; Alignisiant/Eddgett Culvett only.





الساده / شركة دريم واى للمقاولات تحية طيبة وبعد...

الموضوع :- بشأن الطلب المقدم من سيادتكم بتاريخ ٢٠٢٣/١/٤ لإجراء الختيار على عدد (١) عينة جيوجريد.

بالإشارة إلى الموضوع عالية. نتشرف بأن نرفق لسيادتكم التقرير الذي أعد بواسطة كالا من :-

ارد / راتيا محمد احمد محروس الديب

د / ياسمين الماحى.

بقسم هندسة الغزل والنسيخ وذلك من خلال المركز الهندسي.

مع خالص احترامي وتقديري،،

المدير التثفيذي للمركز الهندسي كلية الهندسة ـ جامعة الاسكندرية

ا. د/ زياد محمد طارق الصياد

CONSULTING STATE OF THE PARTY O

دريم واى للمقاولات العامة والترزيات الدينية ولاسرة والتعدير من المدروة بدق والاسرة والتعدير



معمل اختبارات قسم هندسة الغزل و النسيج - كلية الهندسة

Customer: Dream Way Sample type: Geogrid- biaxial

Sample code	Tensile strength (KN/m)	Elongation (%)
Geogrid- biaxial		
According to ASTM (D6637-B)	44.2	13.29

The laboratory is responsible only for the sample provided.

The sample provided is responsibility of the supplier.

The result has a tolerance ± 5%

Created by:

Dr. Yasmin Ayman Mohamed Hafez Elmahy

Approved by:

Prof. Dr. Rania Mohamed Ahmed Eldeeb



MATERIAL INSPECTION REQUEST









Contractor Company	Dream Way	Variation !		Designer Company				SPECTE	SPECTRUM ENGINEER CONSULTING OFFICE					
	Name	1	Sign		Date/Serial Number					Time				
ssued by Contractor	Eng.SAEED M	OHAMMED	-	_	- 6	CONTRACTOR ASSOCIA	/2023) (P.L.T.O	7)		10:0	0 AM			
Received by GARS	60.000000000	0000000	0.6	_	n.	(2	11 CB 1	00	MM	- 11	-191	C MW		
CONSULTANT	Eng.MAZEN E	SSAMY	34	MIR	388	EW	cs	1,7	1	2023	10	0		

200000	\$1 to \$21	D1 to 53	Kp XXX Note					
\$1000	Station Reference	Depot Reference For Killamen						
1000 1	Work Activity							
Herit		Sub Element of Activity						

Descrip	tion of Materials			FERMA				
74/2003	900 D 900 P 900 P	REV.29	388+2	200	то	388+300		
Local	ion to be Used	REV.35	388+38	3.86	10	388+483.86		
بيوي العلمين Supplier Name		اجر السيوي -العلمين	24					
Test Requirement		P.L.T (DIN 1813	34)	Specification	EARTHWORK SPECIFICA 41.2) VERSION 2 BY CIV	LTIONS & TESTING REPORT (CG)		
Refe	Reference Photos			Other	\$5-8-DW-IR-S(\$2) \$5-8-DW-QT(19-1)			
ltem .	Descr	iption	Unit	Quantity	Arrival Date	Note		
1	1.975.67	DAD TEST	NUMBER	4	18/1/2023			
2								
3								
4			25 (2000)					

Comments by: Eng.MAZEN ESSAMY(spectrum)

Comments by: Eng. Alaa Abd-Aliatif (ER)

1-P.L.T was carried- out by third party lab (CEL)

2-Results report attached and acceptable with project specifications.

1-The Plate Load Test Result 51.1. (Clin 18194) is Approved.

	APPROVAL STATUS									
Organisation	Name	Sign	Date	A-AWC-R						
Contractor	Eng. SAEED MOHAMMED	-		A						
QA/QC*	Eng.MAZEN ESSAMY	*	0	A						
GARB**	Eng. Margret magdy		Dea							
Employers Representative	Eng. Alsa Abd-Allatif	-Alga /	ACL .	A						

Designer



^{**} Alignment/Bridges: Culvert only















Contractor Company	DREAM WAY		Designe	r Company			GPECTALING) Engineerin	Contenting C	Mor			
1 38 55	Name	Sign	Date/Se	rial Number				Ť	me				
issued by Contractor	Eng. Abdelrahman Atel	Audeltalenor	9-	17/1/	207.000		10	3:0	0 PM				
	SATAMEST VALUE OF	CAT ON F	JA TE	PLI CO	(08)	- 00	7464	596	нн	M			
Received by GARB CONSULTANT	Eng. Mazen Essamy	A	MIR 388	EW			20	3	0				
coor-t	1110	51 to 521			53				IX Note				
		Station Reference	1	Depot Re	eférence		For Kilon	eter point	only Start R	m is us			
(files)			Work Activity Sub Element of Activity										
Locat	tion to be Used	From .	388+20	ю	1	0		388	+300				
	MAR C			Date			20/12/2022						
Supplier Name				ELSEWY,	Dream w	/ay							
Test	Test Requirement PLATE LOAD T		ON	Specificatio	n.		RK SPECIFICA ION 2 BY DVI			RT (CG)			
Refe	Reference Photos No/Yes			Other			- 4	JIR -5-48					
Item	Descrip	otion	Unit	Quantity		Arrival Date		Note					
1 PLT	BY CONSULTING ENGINEER	ING BUREAY&LABORATORIES	NUMBER	2									
2													
3					- 1			3 -					
34		CIVI TIE		1									
Comments by: Eng. I	Mazen Essamy (SPECTRUM	ONSULTING	Comme	nts by: Eng.	Alaa Abd	I-Allatif (ERI)		ARTON I				
1-11	ne plate load test result by t	To the state of	2-Result	ts of plt was s report atta pproval is s	eched and	i acceptal	ole with pro	oject spec		V.			

APPROVAL STATUS									
Organisation	Name	Sign	Date	A-AWC-R					
Contractor - 5	ling. Abd el rahman attef	Abdelyal	ingh	Д					
QA/QC*	Eng. Mazen Essamy		=	Δ					
GARB**	Eng. Mohammed Fayad	No.	\cap						
Employers Representative	fing. Also Abd-Albeif	2023ACar	Flok	AWC					
* Designer ** Alexanderi/Bridges: Culvert only	100	19/01							

¹ Dinigner

^{**} Alignment/Snager: Culvert only















Contractor Company	AlMotahada 2 CO. for Contracting and Paving Roads		Designer	Company	8		(SPECTAUM)	(SPECTRUM) Engineering Consulting Office				
	Name	Signy	Date/Ser	ial Numbe	ır:		Time					
ssued by Contractor	Eng. Abdelrahman Atef	Alleledoran	4	10.0	/2023 (08)			3:0	0 PM			
Received by GARB	##70-V#8-65-V#80-V		in d	C)E	C3	DD	MM.	er.	300	MM		
CONSULTANT	Eng. Mazon Estamy	MIR	388	EW	£5	18	1	23	- 2	0		

Name and Address of the Parket	58 to 521	D1 to 53	Kp XXX Note
1006-1	Station Reference	Depot Reference	For Wildmeter point only Start Km is used
- Hintel		Work Activity	11/4
A CHILL CO.		Sub Element of Activity	

	Location to be Used	From	388+20	0	то	388+300	
5	MAR	- DIR-5-10		Date	15/1/2023		
	Supplier Name		9/	ELSEWY , Dream	way		
	Test Requirement	PLATE LOAD TES	Specification EARTH-AVOIR SPECIFICATIONS & TESTING RI 45.21 VERSION 2 BY CIVECON GROUP				
	Reference Photos	No/Yes		Other	uiR-		
Item	Descr	iption	Unit	Quantity	Arrival Date	Note	
1	PLT BY CONSULTING ENGINEERING BUREAY&LABORATORIES		NUMBER	2			
2							
3							
4				10			

Comments by: Eng. Mazen Essamy (SPECTRUM)

I-The plate load test result by thirt

Comments by: Eng. Alas Abd-Allstif (ER)

1-2 points of pit was carried- out by (CEL) on forma layer

2-Results report attached and acceptable with project specifications.

3-Final approval is subject to above mentioned comments.

APPROVAL STATUS								
Organisation	Name	Sign	Date	A-AWC-R				
Contractor	Eng. Abd el rahman atef	Abdulias	ma	Ä				
áv/ac •	Eng. Missen Essamy		-	A				
GARB**	Eng. Mohammed Fayad							
Employers Representative	Eng. Alaa Abd-Allatif							

^{*} Designer

^{**} Alignment/Bridges: Culvert anly



Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

شركة دريم واي Company

Project

: Electric Express Train, Al Ain Sokhna to Marsa Matrouh Priority Sector (6)

Borg ALarab to Foka

Subject

: Determine the deformation and strength characteristics of soil by the plate

loading test according specifications DIN 18134:2012-04 and project requirements

Test Location: Station 388+200 to 388+300

Test Date

: 17/01/2023 Repot Date : 18/01/2023

Type of Soil

: A-1-a

Type of soil : Upper Embankment (Ferma).

Report No. : 96:97

Dear Gentleman,

According to the above mentioned subject the test performed as follows:-

Apparatus

- Loading plates consists of two plates with 600 mm and 300 mm diameter
- 2. The thickness of plates 30 mm
- 3. Dial gauges with accuracy 0.01 mm to measuring the settlement
- 4. Steel straightedges with magnetic supports to fixed the dial gauges
- 5. Hydraulic jack with pump to transfer reactive loads to the loading plates
- Dial Indicator measuring device with scale capacity 700 Bar (Enerbac)
- 7. Reaction loading system by roller compactor with weight approximately 15 ton
- Calibration certificates are attached

Test Procedure

- 1. Clean the ground on test area to the required level with undisturbed soil
- 2. Install loading plates 600 mm and 300 mm diameter, hydraulic jack and 3 dial gauges
- Prior to starting the test applied preloading about 30 seconds.
- 4. The strain gauge and the dial gauge shall be set to zero
- For a 600 mm loading plate, the limit values are 2.5 kg/cm²
- 6. The load shall be applied in six stages, in approximately equal increments, until the required maximum normal stress is reached.
- Each change in load (from stage to stage) shall be completed within one minute
- 8. The load shall be released in 3 stages, to 50 %, 25 %, and approximately 2 % of the maximum load,
- 9. Following unloading, a further (2nd) loading cycle shall be carried out, in which, however, the load is to be increased only to the penultimate stage of the first cycle (so that the full load is not reached).
- 10. At each stage the load shall be maintained until the rate of settlement of the plate becomes less than 0.02 mm/min.
- 11. Remove the loads

مكاتب معلمل الإستاليل اب الوقعتياء

3 El Malck El Afdal Street Zamalek, Cairo.

Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣

www.cel-egypt.com



Consulting Engineering Bureau & Laboratories مکتب معامل الإستشارات الهندسية

Report

- 1. Evaluation and representation of results
- 2. Load Settlement curve
- 3. The test report content the following:-
- · location of test site Dimension of loading plate
- · Measuring device used Type of soil
- · Type of Bedding material below the plate -Weathering condition
- Time and date of measurements Unusual observation made during test
- · Dial gauge reading and corresponding normal stress Loading-settlement curve
- · Description of the soil condition below the plate after testing

Report

Type of Soil : Upper Embankment (Ferma). Job Requirement : Ev2 > 600 Kg/cm² (60 MPa).

Item	Descriptions
- Type of bedding material below the plate	Natural Soil
- Weather condition	Partly Sunny
- Plate Diameter (mm)	600
- date of measurement	17/01/2023
- Unusual observation made during test	NO
- Description of the soil conditions below the plate after testing	No deformation

Evaluation and representation of results

Test	st Station I		Station First Cycle		Eval Eva	
No.	From	To	E _{V1} (kg/cm ²)	E _{V2} (kg/cm ²)	Ratio	
1	388+200	388+250	1607	1607	1.0	
2	388+250	388+300	1286	2045	1.6	

Signature / _____

مگاب مغلال الاستشار ایم الهانسینه به و فهرس و می درسر ایند فهرس







Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 17/01/2023

report date

: 18/01/2023

Location

: Station 388+200 to 388+250

Test No.

Nonrepetitive Static Plate Load Tests of Soils **DIN 18134**

Data sheet

Loading Stage (1)

Loading Stress Kg/cm2	Dial 1	Settlement	Dist o	Settlement	Dist o	Settlement	Average	
	Diai	mm	Dial 2	mm	Dial 3	mm		
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
10	0.42	19.84	0.16	19.83	0.17	19.90	0.10	0.14
2	0.83	19.71	0.29	19.70	0.30	19.78	0.22	0.27
3	1.25	19.60	0.40	19.58	0.42	19.65	0.35	0.39
4	1.67	19.48	0.52	19.46	0.54	19.55	0.45	0.50
5	2.08	19.36	0.64	19.34	0.66	19.46	0.54	0.61
6	2,50	19.26	0.74	19.24	0.76	19.37	0.63	0.71

Unloading Stage (1)

Loading Stress Kg/cm2	Dist 4	Settlement	Dist o	Settlement	D:-1 2	Settlement	(Ministration)	
	Dial 1	mm	Dial 2	mm	Dial 3	mm	Average	
1	2.50	19.26	0.74	19.24	0.76	19.37	0.63	0.71
2	1.25	19.30	0.70	19.30	0.70	19.40	0.60	0.67
3	0.625	19.46	0.54	19.48	0.52	19.56	0.44	0.50
4	0.01	19.74	0.26	19.78	0.22	19.82	0.18	0.22

Loading Stage (2)

Loading Stress Kg/cm2	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	Average	
	Dia			mm	Diai 3	mm		
0	0.42	19.67	0.33	19.68	0.32	19.78	0.22	0.29
4	0.83	19.56	0.44	19.54	0.46	19.66	0.34	0.41
2	1.25	19.45	0.55	19.42	0.58	19.54	0.46	0.53
3	1.67	19.35	0.65	19.32	0.68	19.44	0.56	0.63
4	2.08	19.25	0.75	19.22	0.78	19.36	9/64	0.72
5	0.00	0.99	0.00	0.00	0.00	0.00	0.00	#REF!

Signature \

3 El Malek El Afdal Street

Zamalek, Cairo.

Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس : ۲۷۳٦۷۲۲۱ - ۲۷۳٦۳۰۹۳

www.cel-egypt.com



Consulting Engineering Bureau & Laboratories

مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

Electric Express Train, from Borg Al Arab to Alamein.

Tost Date report date

: 17/01/2023 : 18/01/2023

Location

: Station 388+200 to 388+250

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	. 5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.14	0.27	0.39	0.50	0.61	0.71

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.71	0.67	0.50	0.22

D (mm) = 600	S1 (mm)=	0.24	\$2(mm)=	0.52	ΔS =	0.28
Fv1 (kg/cm2) = (0.75°D'	Δσ)/ΔS	1607		-	Annual Control	

Loading (2)	0	31	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0,42	0.83	1.25	1.67	2.08
Settlement (mm)	0.22	0,29	0.41	0.53	0.63	0.72

D (mm) =	600	S1 (mm)=	0.38	\$2(mm)= 0.66	ΔS=	0.28
Ev2 (kg/cm2) +	(0.75°D*Δο)/ΔS		1607			

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

Ev2/Ev1 = 1.0





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Consulting Engineering Bureau & Laboratories مكتب معامل الإستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 17/01/2023

report date Location

: 18/01/2023

: Station 388+250 to 388+300

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

دويم و اي ليخاولات العاملاً

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Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist 2	Settlement	Augunos
-11-4869	Kg/cm2	Dial	mm	Dian 2	mm	Dial 3	mm	Average
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
10	0.42	19.82	0.18	19.83	0.17	19.83	0.17	0.17
2	0.83	19.70	0.30	19.71	0.29	19.71	0.29	0.29
3	1.25	19,58	0.42	19.51	0.49	19.57	0.43	0.45
4	1.67	19.37	0.63	19.41	0.59	19.43	0.57	0.60
5	2.08	19.25	0.75	19.28	0.72	19.32	0.68	0.72
6	2.50	19.14	0.86	19.18	0.82	19.21	0.79	0.82

Unloading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 2	Settlement	A
coaumy	Kg/cm2	Dias	mm	Diai 2	mm	Dial 3	mm	Average
1	2.50	19.14	0.86	19.18	0.82	19.21	0.79	0.82
2	1.25	19,17	0.83	19.22	0.78	19.26	0.74	0.78
3	0.625	19.21	0.79	19.26	0.74	19.41	0.59	0.71
4	0.01	19.54	0.46	19.58	0.42	19.81	0.19	0.36

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	August ma
	Kg/cm2	Diat 1	mm	Diai 2	mm	Diai 3	mm	Average
0	0.42	19.46	0.54	19.50	0.50	19.65	0.35	0.46
1	0.83	19.40	0.60	19.41	0.59	19.51	0.49	0.56
2	1.25	19,34	0.66	19.32	0.68	19.37	0.63	0.66
3	1.67	19,23	0.77	19.23	0.77	19.31	0.69	0.74
4	2.08	19.12	0.88	19.10	0.90	19.26	0.74	0.84
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#REF!

Signature \



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Zamalek, Cairo.

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Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date report date

: 17/01/2023 : 18/01/2023

Location

: Station 388+250 to 388+300

Test No.

Nonrepetitive Static Plate Load Tests of Soils



Loading (1)	0	-1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.17	0.29	0.45	0.60	0.72	0.82

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.82	0.78	0.71	0.36

D (mm) =	600	\$1 (mm)≃	0.27	\$2(mm)=	0.62	Δ3 =	0.35
Ev1 (kg/cm2) =	(0.75°D°∆o	WAS	1286			***************************************	

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.36	0,45	0.56	0.66	0.74	0.84

			-	1		E	
D (mm) =	600	\$1 (mm)*	0.54	\$2(mm)=	0.76	Δ\$ =	0.22
Ev2 (kg/cm2) =	(0.75°D°Δσ)/ΔS		2045				

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

Ev2/Ev1 = 1.6



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2-Results report attached and acceptable with project specifications.

1-The Plate Load Test Result part (DIN 18146) is Appropried

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COMPANY CONTRACTOR OF THE PROPERTY OF THE PROP

: Electric Express Train, from Borg Al Arab to Alamein. : dream Way Co.

Project Company Name

: 01/05/2023 31/04/5053

Location report date Test Date

Test No.

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388+050 to 388+050 to 388+050

Data sheet

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

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Þ	1.67	16.48	0.52	15.24	97.0	1934	99.0	99 0
3	1.25	79.61	86.0	OF 6T	09.0	87 6t	ZS'0	09 0
2	68.0	SC'GT	62.0	Þ5'6T	94.0	49'6T	96.0	98.0
- A	24.0	68.61	11.0	89'61	0.32	18.61	61.0	0.21
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-			V				100	Stage (2)	Paibso.1
Г	68.0	11.0	65'6T	74.0	ES'GT	0.28	72.61	10.0	Þ
	1/10	47.0	92.61	08.0	19.20	88.0	24.61	0.625	3

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Average	Settlement	Settlement Dial 3	c leiu	Settlement	test teid	Stress	Buipeo	
	tuta	C IBIO	ww	S ISIO	ww	r leid	Kglcm2	
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79 0	99.0	19.34	17.0	62.61	88.0	ZS 61	68.0	L
Þ4.0	67.0	IZ-6I	68.0	2T 6T	09.0	09.61	1.25	2
28.0	06.0	01.61	6.93	10.07	69.0	7£,61	79.1	3
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: dream Way Co.

. Electric Express Train, from Borg Al Arab to Alamein.

Station 388+000 to 388+050

04/05/5053 23/01/5053

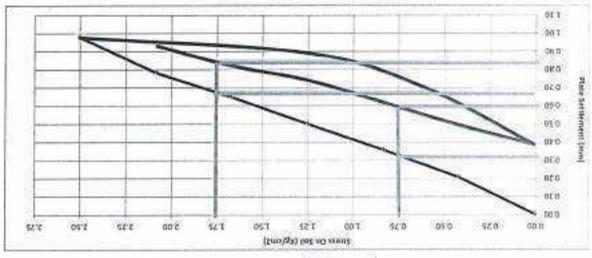
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Project Sompany Name

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DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



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Stress (Kg/cm2)	2.50	1.25	929.0	10.0
Stage(Kg)	1065	3633	1768	0
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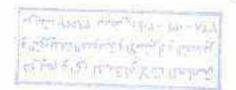
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: dream Way Co.

Сомрану Мате

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date Project

01/02/2023 31/01/2023

Location steb frouger

001+886 of 020+886 noits)2 :

Test No.

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

Data sheet

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كيسدنها تارلشتسها راماهم بتكه



: Electric Express Train, from Borg Al Arab to Alamein. . dream Way Co.

: 34/04/5053

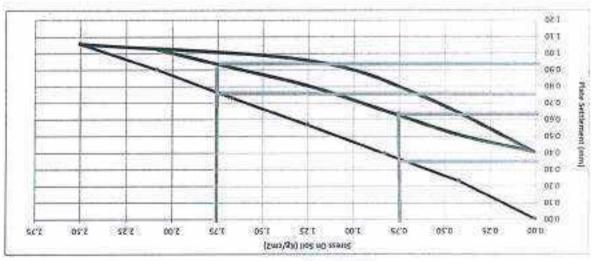
Location steb freqet ated rest Project

Company Name

90: Station 388+050 to 388+100 04/05/5053

ON ISOL

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



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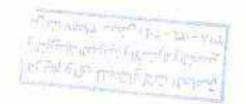
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كيسلنها تاراشتسارا الماعه بتكه Consulting Engineering Bureau & Laboratories



: dream Way Co.

Company Name

34/04/2023 . Electric Express Train, from Borg Al Arab to Alamein,

steb froqen Test Date

Project

: Station 388+150 to 388+150 : 01/05/5053 госадов

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Jest No.

Data sheet

Nonrepetitive Static Plate Load Tests of Soils

Loading Stage (1) DIN 18134

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09.0	09.0	19:40	0.42	85'61	64.0	IS 61	78.F	tr
85.0	74.0	19.53	15.0	69'61	96.0	69'6T	1.25	3
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97.0	65.0	15 61	18.0	61/6T	66.0	19'61	88.0	35
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69'0	07.0	19.30	92.0	52 6T	19.0	68.6I	49%	3
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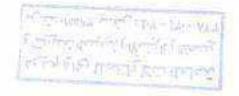
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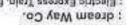


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: Electric Express Train, from Borg At Arab to Alamein.

31/01/2023

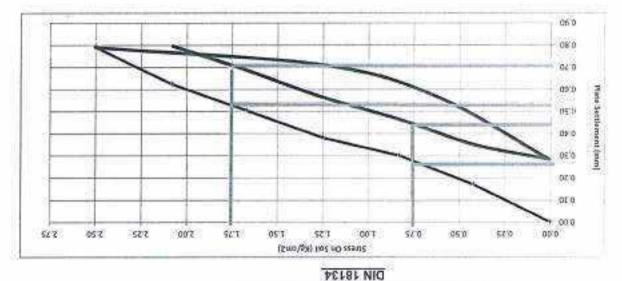
Station 388+100 to 388+150 - 01/05/2023

Project Сотралу Мате

Location atab mogan Test Date

Test No.

Nonrepetitive Static Plate Load Tests of Soils 20 :



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Settlement (mm)	67.0	12.0	78.0	82.0
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كيسلنها تاراشتسكا بامامه بتتكه



Data sheet

: Electric Express Train, from Borg Al Arab to Alamein. : dream Way Co.

Project Company Name

: 31/01/2023

eteb houes Test Date

: 01/05/5053

Location

: Station 388+150 to 388+200

Test No.

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

S8.0	28.0	51.61	88.0	71.61	27.0	85.61	S 20	1.
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99.0	99'0	SV-6T	09.0	05:61	65.0	19.61	291	Þ
0.43	14.0	95'61	81.0	ZS'61	75.0	19.63	1.25	3
PE 0	46.0	99°61	TE.0	89'61	0.30	06.61	0.83	2
61.0	0.20	08.91	0.22	87.9I	91.0	19.84	0.42	4
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92.0	27.0	85,61	18.0	61.61	57.0	82.21	79.1	3
28.0	88.0	21.61	S6.0	80.61	18.0	61.61	80.2	b

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www.cel-egypt.com كليڤون + فاكس: ١٦٢٧٢٦٧١ - ٦٢٠٦٢٧٧٢ । श्रिकार - । स्टाक्ट ٣ شي البلك الأفضل



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: Electric Express Train, from Borg Al Arab to Alamein. : dream Way Co.

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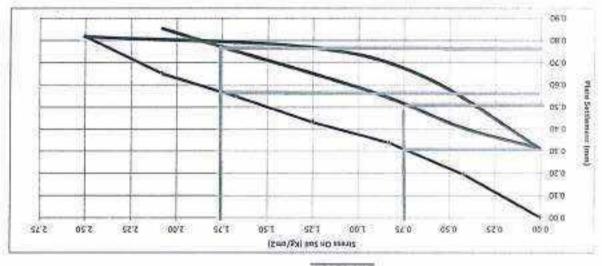
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> Project Сотрапу Мате

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Test Date

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



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10'0	0.625	1.25	2.50	Stress (Kg/cm2)
0	4768	3233	5904	Stage(Kg)
Þ	3	7	4	UnLoading (1)

98.0	92'0	99.0	190	070	0.31	compound (mm)
2.08	191	1.25	68.0	0.42	10.0	Stress (Kglom2)
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Settlement (mm) gness (kglem2)

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поэлдүдө-Гээлччч DLAGO - 612mg : ITTVTTVT - TF-TFTVT



Tel.& Fax: 2736723 - 27363093 Zamalek, Cairo. 3 El Majek El Aldal Street

الطرق و الكباري (GARE) SPECTRUM ENGINEER CONSULTING Contractor Company Dream Way Pesigner Company OFFICE Date/Serial Number Time Name 12/1/2023 Issued by Contractor 10:00 AM Eng. SAEED MOHAMMED (S5-B-DW) (P.L.T.07) 00 MM YY HH MM Received by GARB Eng.MAZEN ESSAMY MIR CONSULTANT 388 EW CS 13 2023 10 C 51 to 521 D1 to 53 Kp XXX Note Station Reference Depot Reference For Kilometer point only Start Km is used Work Activity Sub Element of Activity Description of Materials FERMA 388+300 388+500 **REV.29** Location to be Used TO 388+483.86 388+683.86 REV.35 Supplier Name محاجر السيوي -العلمين EARTHWORK SPECIFICATIONS & TESTING REPORT (CG21-Test Requirement P.L.T (DIN 18134) Specification 41.2) VERSION 2 BY CIVECON GROUP 55-8-DW-IR-S(48) Reference Photos No/Yes Other 55-B-DW-QT(19-1) Quantity Arrival Date Note Unit Item Description 14/1/2023 1 PLATE LOAD TEST NUMBER 5 3 4 Comments by: Eng. Alaa Abd-Allatif (ER) Comments by: Eng.MAZEN ESSAMY(spectrum) 1-P.L.T was carried- out by third party lab (CEL) .

APPROVAL STATUS									
Organisation	Name	Sign	Date	A-AWC-R					
Contractor	Eng. SAEED MOHAMMED	-	_	A					
QA/QC *	Eng.MAZEN ESSAMY	انع		A					
GARB**	Eng. Margret magdy		3						
Employers Representative	Eng. Alsa Abd-Allatif	Alan Ac	1	A					

Results report attached and acceptable with project specifications.

1-The Plate Load Test Result 135

^{*} Geolgner

^{**} Alignment/Bridges: Curvert only















Contractor Company	DREAM WAY		Ť.	Designer	Company			[SPECTRUM] Engineering Consulting Office			
5065888-0-USSON	Name	Sign		Date/Seri	al Numbe	Faccasi			Ti	me	
ssued by Contractor	Eng. Abdelrahman Atef	Abdel Chimon	mitel			(2023 (07)		-	3:0	D PIM	
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Test	Requirement	PLATE LOAD TEST ON FERMA		Specification		in		ON 2 BY CIVE			et (os:
Refe	rence Photos	No/Yes			Other			59	JIR-S-48	Ę	
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	e plate load test result by t	The State of the S		Z-Results i	eport atta	ached and	acceptat	EL) on fem ale with pr	oject spec		ć.

APPROVAL STATUS								
Organisation	Name	Sign	Date	A-AWC-R				
Contractor	Eng. Abd el rahman atef	Abdeligh	mon	A				
QA/QC*	Eng. Mazen Essamy	100		A				
GARB**	Eng. Mohammed Fayad	1	1					
Employers Representative	Eng. Also Abd-Allatif	202 Alan 1	K	AWC				
* Designer ** Mignment/Bridges: Culvert dally		150	i i					

[·] Gesigner

^{**} Wignment/Bridges: Culvert only



شركة دريم واي : Company

Project

: Electric Express Train, Al Ain Sokhna to Marsa Matrouh Priority Sector (6)

Alamein to Foka

Subject

: Determine the deformation and strength characteristics of soil by the plate

loading test according specifications DIN 18134:2012-04 and project requirements

Test Location: Station 388+300 to 388+500

Test Date

: 12/01/2023 : 14/01/2023

Repot Date Type of Soil

: A-1-a

Type of soil : Upper Embankment (Ferma).

Report No. : 92:95

Dear Gentleman.

According to the above mentioned subject the test performed as follows:-

- Loading plates consists of two plates with 600 mm and 300 mm diameter.
- The thickness of plates 30 mm.
- 3. Dial gauges with accuracy 0.01 mm to measuring the settlement
- Steel straightedges with magnetic supports to fixed the dial gauges
- Hydraulic jack with pump to transfer reactive loads to the loading plates
- Dial indicator measuring device with scale capacity 700 Bar (Enerbac)
- Reaction loading system by roller compactor with weight approximately 15 ton
- 8. Calibration certificates are attached

Test Procedure

- 1. Clean the ground on test area to the required level with undisturbed soil
- 2. Install loading plates 600 mm and 300 mm diameter, hydraulic jack and 3 dial gauges
- Prior to starting the test applied preloading about 30 seconds.
- 4. The strain gauge and the dial gauge shall be set to zero
- For a 600 mm loading plate, the limit values are 2.5 kg/cm²
- 6. The load shall be applied in six stages, in approximately equal increments, until the required maximum normal stress is reached.
- 7. Each change in load (from stage to stage) shall be completed within one minute
- 8. The load shall be released in 3 stages, to 50 %, 25 %, and approximately 2 % of the maximum load.
- 9. Following unloading, a further (2nd) loading cycle shall be carried out, in which, however, the load is to be increased only to the penultimate stage of the first cycle (so that the full load is not reached).
- At each stage the load shall be maintained until the rate of settlement of the plate becomes. less than 0.02 mm/min.

11. Remove the loads

مكثب مجامل الاستشارات الهنسنية الاختبارات المعملية ما العالم 1931 - 199 - 199 - 219 CHARLEMENT - COMP

3 El Malek El Afdal Street Zamalck, Cairo. Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك- القاهرة تليفون + فاكس ، ۲۷۲٦۷۲۳۱ - ۲۷۳٦۳۰۹۳



Report

- 1. Evaluation and representation of results
- 2. Load Settlement curve
- 3. The test report content the following:-
- location of test site Dimension of loading plate
- Measuring device used Type of soil
- Type of Bedding material below the plate -Weathering condition
- Time and date of measurements Unusual observation made during test
- · Dial gauge reading and corresponding normal stress Loading-settlement curve
- Description of the soil condition below the plate after testing

Report

Type of Soil : Upper Embankment (Ferma). Job Requirement: Ev2 > 600 Kg/cm2 (60 MPa).

ltem	Descriptions
- Type of bedding material below the plate	Natural Soil
- Weather condition	Partly Sunny
- Plate Diameter (mm)	600
- date of measurement	12/01/2023
- Unusual observation made during test	NO
- Description of the soil conditions below the plate after testing	No deformation

Evaluation and representation of results

Test	Stat	ion	First Cycle	Second Cycle	Evzl Evs
No.	From	То	E _{V1} (kg/cm ²)	E _{V2} (kg/cm ²)	Ratio
1	388+300	388+350	1324	2250	1.7
2	388+350	388+400	1286	2250	1.8
3	388+400	388+450	1324	2143	1.6
4	388+450	388+500	1125	2045	1.8

Signature / Aumata

الاشتبارات المع





Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 12/01/2023

report date

: 14/01/2023

Location

: Station 388+300 to 388+350

Test No.

: 1

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist 2	Settlement	Therese .
- 30	Kg/cm2	Dian 1	mm	Diai 2	mm	Dial 3	mm	Average
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
- 1	0.42	19.80	0.20	19.75	0.25	19.84	0.16	0.20
2	0.83	19.66	0.34	19.62	0.38	19,73	0.27	0.33
3	1.25	19.50	0.50	19.48	0.52	19.60	0.40	0.47
4	1.67	19.35	0.65	19.31	0.69	19.46	0.54	0.63
5	2.08	19.24	0.76	19.18	0.82	19.32	0.68	0.75
6	2.50	19.12	0.88	19.06	0.94	19.20	0.80	0.87

Unloading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	Assessment	
Loading	Kg/cm2	Diar I	mm	Dial Z	mm	Diar 3	mm	Average	
1	2.50	19.12	0.88	19,06	0.94	19.20	0.80	0.87	
2	1.25	19.15	0.85	19.11	0.89	19.24	0.76	0.83	
3	0.625	19,19	0.81	19.16	0.84	19.29	0.71	0.79	
4	0.01	19.52	0.48	19.38	0.62	19.62	0.38	0.49	

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Diat 3	Settlement	Augustus	
	Kg/cm2	Diai 1	mm	Diai 2	mm	Diai 3	mm	Average	
0	0.42	19.46	0.54	19.31	0.69	19.52	0.48	0.57	
1	0.83	19.38	0.62	19.25	0.75	19.44	0.56	0.64	
2	1.25	19.30	0.70	19.19	0.81	19.35	0.65	0.72	
3	1.67	19.22	0.78	19.12	0.88	19.26	0.74	0.80	
4	2.08	19.13	0.87	19.04	0.96	19.18	0.82	0.88	
5	0.00	0.00	0.00	0.00	0.00	0.00	DARTING	#REF!	

مكتب معامل الاستشارات الهندسية الاختيارات المعملية راونسجار نسرير : 537 - 91 - 915 لفنون المختلفة

3 El Malek El Afdal Street

Zamalek, Cairo.

Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تَلْيَفُونَ + قَاكُس ؛ ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date report date : 12/01/2023 : 14/01/2023

Location

: Station 388+300 to 388+350

Test No.

4.4

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	. 0	- 1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.20	0.33	0.47	0.63	0.75	0.87

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	8
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.87	0.83	0.79	0.49

D (mm) = 600	51 (mm)=	0.30	52(mm)=	0.64	Δ8 =	0.34
Ev1 (kg/cm2) = (0.75°D°Δσ)/ΔS		1324				

Loading (2)	0	31	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0,01	0.42	0.83	1,25	1,67	2.08
Settlement (mm)	0.49	0.57	0.64	0.72	0.80	0.88

Ev2/Ev1 = 1.7

D (mm) = 800 S1 (mm)= 0.62 S2(mm)= 0.82 ΔS = 0.20

Ev1 = Modulus of deformation during the loading stage.

EvZ = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Os = The difference between 0.3 and 0.7 from the maximum leading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (m

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٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + قاكس ، ٢٧٣٦٧٢٣١ - ٢٧٣٦٢٠٩٣



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date report date : 12/01/2023

Location

: 14/01/2023

Test No.

: Station 388+350 to 388+400

: 2

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Diel 2	Settlement	Diet 2	Settlement	
- 520	Kg/cm2	Diai 1	mm	Dial 2	mm	Dial 3	mm	Average
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
1	0.42	19.83	0.17	19.78	0.22	19.81	0.19	0.19
2	0.83	19.70	0.30	19.63	0.37	19.70	0.30	0.32
3	1.25	19.54	0.48	19.50	0.50	19.52	0.48	0.48
4	1.67	19.37	0.63	19,41	0.59	19.35	0.65	0.62
5	2.08	19.25	0.75	19.28	0.72	19.20	0.80	0.76
6	2.50	19.14	0.86	19.18	0.82	19.07	0.93	0.87

Unloading Stage (1)

Landlan	Stress	Diet 4	Settlement	Dist o	Settlement	DI-LO	Settlement	
Loading	Kg/cm2	Dial 1	mm	Dial 2	mm	Dial 3	mm	Average
1	2.50	19.14	0.86	19.18	0.82	19.07	0.93	0.87
2	1.25	19,17	0.83	19.22	0.78	19.11	0.89	0.83
3	0.625	19.21	0.79	19.26	0.74	19.15	0.85	0.79
4	0.01	19.54	0.46	19.58	0.42	19.42	0.58	0.49

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist 3	Settlement	#1020000C
- 4	Kg/cm2	- Diai	mm	Diat 2	mm	Dial 3	mm	Average
0	0.42	19.46	0.54	19.50	0.50	19,34	0.66	0.57
-1	0.83	19.40	0.60	19.41	0.59	19.22	0.78	0.66
2	1.25	19.34	0.66	19.32	0.68	19.14	0.86	0.73
3	1.67	19.23	0.77	19.23	0.77	19.03	0.97	0.84
4	2.08	19.12	88.0	19.10	0.90	19.00	1.00	0.93
5	0.00	-0.90	0.00	0.00	0.00	0.00	ULTIOLOG	#REF!

بل الشروع : 537 - 991 - 219



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Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس : ۲۷۳۱۷۲۳۱ - ۲۷۳۱۳۰۹۳



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg At Arab to Alamein.

Test Date report date

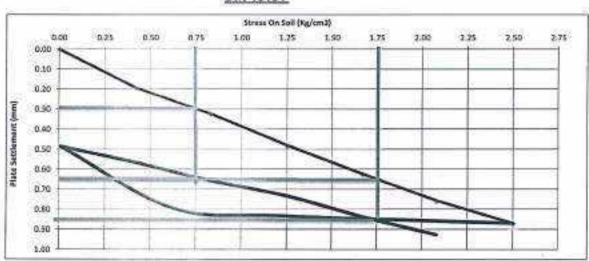
: 12/01/2023 : 14/01/2023

Location

: Station 388+350 to 388+400

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3.	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.19	0.32	0.48	0.62	0.76	0.87

UnLoading (1)	. 1	2	3	4
Stage(Kg)	7065	3533	1788	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.87	0.83	0.79	0.49

D (mm) =	600	S1 (mm)=	0.30	\$2(mm)=	0.65	Δ8 =	0.35
Ev1 (kg/cm2) =	(0.75°D°Δσ)	VΔS	1286			A	

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.49	0.57	0.66	0.73	0.84	0.93

D (mm) =	600	S1 (mm)=	0.65	S2(mm)≠ (0.85	ΔS=	0.20
Ev2 (kg/cm2) =	(0.75°D°Δσ)/ΔS		2250				

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Os = The difference between 0.3 and 0.7 from the muximum loading (smax) (kg/cm²).

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)





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Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 12/01/2023

report date

: 14/01/2023

Location

: Station 388+400 to 388+450

Test No.

: 3

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	Dial 1	Sealement	Diel 3	Settlement	Dial 2	Settlement	A
37523	Kg/cm2	Dias 1	min	Dial 2	mm	Dial 3	mm	Average
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
1	0.42	19.92	0.08	19.80	0.20	19.73	0.27	0.18
2	0.83	19.82	0.18	19.68	0.32	19,56	0.44	0.31
3	1.25	19.70	0.30	19.53	0.47	19.42	0.58	0.45
4	1.67	19.53	0.47	19.40	0.60	19.30	0.70	0.59
5	2.08	19.36	0.54	19.27	0.73	19.17	0.83	0.73
6	2.50	19.23	0.27	19.16	0.84	19.05	0.95	0.85

Unloading Stage (1)

Londina	Stress	Diet 4	Soldement	Dist 2	Settlement	Dist a	Settlement	
Loading	Kg/cm2	Dial 1	6900	Dial 2	mm	Dial 3	mm	Average
1	2.50	19.23	0.77	19.16	0.84	19.05	0.95	0.85
2	1.25	19.26	0.74	19.19	0.81	19.09	0.91	0.82
3	0.625	19,32	0.08	19.24	0.76	19.13	0.87	0.77
4	0.01	19.63	(1.83°)	19.50	0.50	19.39	0.61	0.49

Loading Stage (2)

Loading Stress Kg/cm2	Dial 1	Sattlement	Settlement Dial 2	Settlement	Dial 3	Settlement	Average	
	Diai 1	(000)	Dial 2	mm	Diai 3	mm		
0	0.42	19.54	0.46	19.42	0.58	19.30	0.70	0.58
1	0.83	19.42	0.59	19.33	0.67	19.23	0.77	0.67
2	1.25	19.33	-7	19.26	0.74	19.14	0.86	0.76
3	1.67	19.25	2.75	19.18	0.82	19.06	0.94	0.84
4	2.08	19.17	0.53	19.10	0.90	18.98	1.02	0.92
5	0.00	0.00	0.00	0.00	0.00	0.00	ONS WINDOWS	#REF!

Signature

محتب معامل الاستشارات الهندس الاختبارات المعملية طولسبيل المعارد - 537 - 591 - 219 منبل علي المعارد - 631 - 451 - 1510 The state of the s

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٢ ش الملك الأفضل الزمالك - القاهرة

تليقون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 12/01/2023

report date

: 14/01/2023

Location

: Station 388+450 to 388+500

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading Stress Kg/cm2	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist 2	Settlement	Accessor
	Diai 1	mm	Diai 2	mm	Dial 3	mm	Average	
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
1	0.42	19.73	0.27	19.83	0.17	19.76	0.24	0.23
2	0.83	19.60	0.40	19.71	0.29	19.52	0.48	0.39
3	1.25	19.46	0.54	19.54	0.46	19.30	0.70	0.57
4	1.67	19.31	0.69	19.34	0.66	19.18	0.82	0.72
5	2.08	19.17	0.83	19.22	0.78	19.08	0.92	0.84
6	2.50	19.06	0.94	19.10	0.90	18.95	1.05	0.96

Unloading Stage (1)

Stress	ess	Settlement	Diel a	Settlement	Dist o	Settlement		
Loading	Kg/cm2	Dial 1	mm	Dial 2	mm	Dial 3	mm	Average
1	2.50	19.06	0.94	19.10	0.90	18.95	1.05	0.96
2	1.25	19.10	0.90	19.15	0.85	18.98	1.02	0.92
3	0.625	19.14	0.86	19.21	0.79	19.04	0.96	0.87
4	0.01	19.38	0.62	19.47	0.53	19.34	0.66	0.60

Loading Stage (2)

Loading Stress Kg/cm2	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist o	Settlement	\$5500000
	Diar 1	mm	Diai 2	mm	Dial 3	mm	Average	
0	0.42	19.31	0.69	19.40	0.60	19.28	0.72	0.67
-1-	0.83	19.23	0.77	19:32	0.68	19.21	0.79	0.75
2	1.25	19.14	0.86	19.23	0.77	19.10	0.90	0.84
3	1.67	19.08	0.92	19.12	0.88	19.01	0.99	0.93
4	2.08	19.00	1.00	19.03	0.97	18.93	1.07	1.01
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#REF!

Signature T.

219-991 - 537: 4

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تليفون - فاكس ، ٢٧٣٦٧٢٢١ - ٢٧٣٦٣٠٩٣



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 12/01/2023

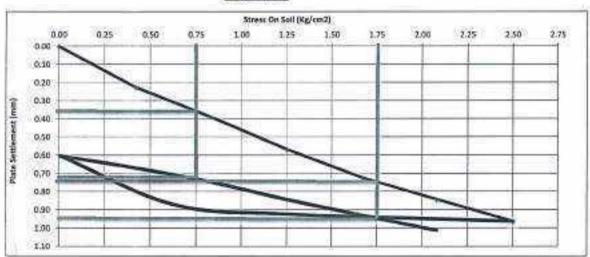
report date Location

: Station 388+450 to 388+509

Test No.

4

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.23	0.39	0.57	0.72	0.84	0.96

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.96	0.92	0.87	0.60

D (mm) = 600	S1 (mm)=	0,35	\$2(mm)=	0.75	AS =	0.40
Ev1 (kg/cm2) = (0.75°D°Δσ)	ΔS	1125				

Loading (2)	0	33(0)	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0,01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.60	0.67	0.75	0.84	0.93	1.01

-	THE PERSON NAMED IN COLUMN	-
	CEL	1
الهندسية	عامل الاستشارات	مكندها
Signa	tered older	1
4800	NAT - DULL BOWER	energy and the

Ev2/Ev1 =

TTA-TT-Pitramen TANDANIA

D (mm) =	600	\$1 (mm)=	0.72	\$2(mm)= 0.84	ΔS=	0.3
Ev2 (kg/cm2) =	(0.75°D°Δσ)/Δ8	3	2045		111	

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

SPECTRUM CONSULTING CONSULTING

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steled Such الطرق و الكباري SPECTRUM ENGINEER CONSULTING Dream Way Designer Company Contractor Company OFFICE Date/Serial Number Name Time 13/12/2022 Issued by Contractor Eng.SAEED MORAMMED 10:00 AM (SS-B-DW) (P.L.T.04) W DIS 00 MM Received by GARB Eng.MAZEN ESSAMY MIR CONSULTANT 388 EW CS 14 12 2022 10 0 51 to 521 D1 to 55 Kp XXX Note Station Reference Depat Reference For Kilometer point only Start Km is used Work Activity Sub Element of Activity

Description	on of Materials			FERMA			
750000	n to be Used	REV,29	388+50	10	***	388+700	
Locatio	n to de Usea	REV.35	388+683	.86	то	388+883.86	
Supp	lier Name	بحاجر السيوي العلمون					
Test R	equirement	P.L.T (DIN 18134) Sı	ecification	EARTHWORK SPECIFICATIONS & TESTING REPORT (CG 41.2) VERSION 2 BY CIVECON GROUP S5-B-DW-IR-S(41,42) QT(18-1)		
Refere	nce Photos	No/Yes		Other			
item	Descr	iption	Unit	Quantity	Arrival Date	Note	
1	PLATE LC	AD TEST	NUMBER	4	15/12/2022		
2			(f)				
3							
4			1			K-	
mments by: Eng.W	IAZEN ESSAMY(spectrum	n)	Commen	ts by: Eng. Alaa /	Abd-Allatif (ER)		

1-P.LT was carried- out by third party lab (CEL).

2-Results report attached and acceptable with project specifications. 1-The Plate Load Test Result p.I.T. (DIN 18134) is Approved.

APPROVAL STATUS									
Organisation	Name	Sign	Date	A-AWC-8					
Contractor	Eng.SAEED MOHAMMED		-	A					
Q4/QC *	Eng.MAZÉN ESSAMY								
GAR8**	Eng. Margret magdy		\ ₁						
Employers Representative	Eng. Alaa Abd-Allatif	- Algara		A					

^{**} Alignment/Bridges: Culvert only



Electrical Express Train From Borg Alarab to Alamein From Station 388+000 To Station 389+000



Serial No. PLT (4)





	Mate	erial Inspection Requ	est	
Ma manage only served	ance to inspect the following wo	and the second second second	CSL	
Discipline :	Neterial submittal	# FIELD BENEITY TEST	# PLATE LOAD YEST	
The state of the s	Zone	From Station	To Station	LEVEL
Location :	Dream way	388+500	388+700	FERMA
References	TW HOVE	المردوروان الا	Specification: EET L1.	1.Earthworks Specificat esting Report
Purpose of the insper	Continuoria Nabunii Sub Grada	set		
Attachments	1500			
1- Plate load test Report	RUM	340		
3-		13		
5-	() () () () () () () () () ()			
7:	COSCIE	IN I		
7-	E CONSULT			
Works To be Inspected	تشارات الما	47		
Submitted by: GARP Consultant Engli	Disam way	0.2	Signature: Date of Inspection:-	- , <u> </u>
Submitted by:	Dream way	esult for t	Date of Inspection:-	n berkmer
Submitted by: GARP Consultant Engli The works are: Name: Marlen General Consultant's C A For She CS The works are The works are Name: A She CS Name: A She CS Name: A She CS Name: A She CS	Disam way neer's Comments: LOOK - Toponed (A) - Toponed (A) Tracked and f Of GUAL IS Sub Approved (A) Approved (A) Approved (A) The Clubbert	Approved as March (B)	Date of Inspection: O Establishment (C) Signature: Date: (Cell) on fell Tab (Lean d Ve. ment of Cal	o Rejected (D) The Completed (D) Led Common (D)
Submitted by: SARP Consultant Engli The works are: Name: Marin T. A Soft Soft CS The works are D	Disam way neer's Comments: LOOK - Toponed (A) - Toponed (A) Tracked and f Of GUAL IS Sub Approved (A) Approved (A) Approved (A) The Clubbert	Approved as Motad (B)	Date of Inspection: O Section Section (C) Signature: Date:- (Cell) SM fill Tala (L. es. n. d. Ve. me ot l'a fill Signature: (SA) Date:- (Date:- O Secret Reputer (N) Signature: (SA)	o Report (D) Inca Level Correlletty red Common



مكتب معامل الإستشارات الهندسية

شركة دريم واي : Company

Project

: Electric Express Train, Al Ain Sokhna to Marsa Matrouh Priority Sector (6)

Alamein to Foka

Subject

: Determine the deformation and strength characteristics of soil by the plate

loading test according specifications DIN 18134 2012-04 and project requirements

Test Location: Station 388+500 to 388+700.

Test Date

: 15/12/2022 : 15/12/2022

Repot Date Type of Soil

: A-1-a

Type of soil : Upper Embankment (Ferma).

Report No.

: 63:66

Dear Gentleman.

According to the above mentioned subject the test performed as follows:-

Apparatus

- Loading plates consists of two plates with 600 mm and 300 mm diameter.
- The thickness of plates 30 mm
- 3. Dial gauges with accuracy 0.01 mm to measuring the settlement
- Steel straightedges with magnetic supports to fixed the dial gauges
- 5. Hydraulic jack with pump to transfer reactive loads to the loading plates
- 6. Dial indicator measuring device with scale capacity 700 Bar (Enerbac)
- Reaction loading system by roller compactor with weight approximately
- 8. Calibration certificates are attached

Test Procedure

- 1. Clean the ground on test area to the required level with undisturbed soil
- 2. Install loading plates 600 mm and 300 mm diameter, hydraulic jack and 3 dial causes
- 3. Prior to starting the test applied preloading about 30 seconds.
- 4. The strain gauge and the dial gauge shall be set to zero
- For a 600 mm loading plate, the limit values are 2.5 kg/cm²
- 6. The load shall be applied in six stages, in approximately equal increments, until the required maximum normal stress is reached.
- 7. Each change in load (from stage to stage) shall be completed within one minute
- 8. The load shall be released in 3 stages, to 50 %, 25 %, and approximately 2 % of the maximum load.
- 9. Following unloading, a further (2nd) loading cycle shall be carried out, in which, however, the load is to be increased only to the penultimate stage of the first cycle (so that the full load is not reached).
- 10. At each stage the load shall be maintained until the rate of settlement of the plate becomes less than 0.02 mm/min. Aglamati malazaria

219-949-532

11. Remove the loads

٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس ، ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣



مكتب معامل الاستشارات الهندسية

Report

- 1. Evaluation and representation of results
- 2. Load Settlement curve
- 3. The test report content the following:-
- · location of test site Dimension of loading plate
- Measuring device used Type of soil
- · Type of Bedding material below the plate -Weathering condition
- Time and date of measurements Unusual observation made during test
- · Dial gauge reading and corresponding normal stress Loading-settlement curve
- · Description of the soil condition below the plate after testing

Report

Type of Soil : Upper Embankment (Ferma).

Job Requirement: Ev2 > 600 Kg/cm² (60 MPa).

Item	Descriptions
- Type of bedding material below the plate	Natural Soil
- Weather condition	Sunny
- Plate Diameter (mm)	600
- date of measurement	15/12/2022
- Unusual observation made during test	NO
- Description of the soil conditions below the plate after testing	No deformation

Evaluation and representation of results

Test	Sta	tion	First Cycle	Second Cycle	E _{V2} / E _{V1}	
No.	200000		m To E _{V1} (kg/cm²)		Ratio	
1	388+500	388+550	1000	1731	1.7	
2	388+550	388+600	1098	2143	2.0	
3	388+600	388+650	1071	2250	2.1	
4	388+650	388+700	652	1957	3.0	

219-199 (37) machine (34)





Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 15/12/2022 : 15/12/2022

report date Location

: Station 388+500 to 388+550

Test No.

: 01

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading Stress	Stress	District of	Settlement	Dist 9	Settlement	Dia 2	Settlement	Average
-commenced	Kg/cm2	Dial 1	mm	Dial 2	mm	Dial 3	mm	Average
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00
1	0.42	19.88	0.12	19.83	0.17	19.84	0.16	0.15
2	0.83	19.77	0.23	19.67	0.33	19.70	0.30	0.29
3	1.25	19.65	0.35	19.48	0.52	19.48	0.52	0.46
4	1.67	19.42	0.58	19.32	0.68	19.27	0.73	0.66
5	2.08	19.20	0.80	19.17	0.83	19.08	0.92	0.85
6	2.50	18.96	1.04	19.00	1.00	18.86	1.14	1.06

Unloading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Diel 2	Settlement	William	
Loading	Kg/cm2	Diai	mm	Diai 2	mm	Dial 3	mm	Average	
1	2.50	18.96	1.04	19.00	1.00	18.86	1.14	1.06	
2	1.25	18.99	1.01	19.07	0.93	18.99	1.01	0.98	
3	0.625	19.20	0.80	19.23	0.77	19.19	0.81	0.79	
4	0.01	19.50	0.50	19.52	0.48	19.51	0.49	0.49	

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dist 2	Settlement	Dist 2	Settlement	A	
	Kg/cm2	Diai 1	mm	Dial 2	mm	Dial 3	Diai 3	mm	Average
0	0.42	19.46	0.54	19.46	0.54	19.41	0.59	0.56	
1	0.83	19.35	0.65	19.31	0.69	19.26	0.74	0.69	
2	1.25	19.24	0.76	19.18	0.82	19.14	0.86	0.81	
3	1.67	19.14	0.86	19.09	0.91	19.01	0.99	0.92	
4	2.08	19.04	0.96	19.00	1.00	18.90	11/10	1.02	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	#REF!	

Signature \

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مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 15/12/2022

report date Location

: Station 388+500 to 388+550

Test No.

: 01

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	5	6
Stage(Kg)	0	1186,92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0,15	0.29	0.46	0.66	0.85	1.06

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	1.06	0.98	0.79	0.49

مريم وي التشاولات الطابق

D (mm) =	600	\$1 (mm)=	0.25	\$2(mm)=	0.70	ΔS=	0.45
"v1 (kg/cm2) =	(0.75°D°∆o	VΔS	1000				

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0,49	0.58	0.69	0.81	0.92	1.02

Every Control	4.7
EVZIEVI =	Kel .

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D (mm) =	600	\$1 (mm)=	88.0	\$2(mm)=
Ev2 (kg/cm2) =	(0.75°D°Δσ)/	AS .	1731	

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Os = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum leading (figh

na (mm) en

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 $\Delta S =$

0.26

٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس : ٢٧٣٦٧٣١ - ٢٧٣٦٣٠٩٣



مكتب معامل الإستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 15/12/2022

report date Location

: 15/12/2022

: Station 388+550 to 388+600

Test No.

: 02

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	DOM: N	Settlement	Dial 2	Settlement	Dial 3	Settlement	Average
10000000	Kg/cm2	Dial 1	mm	Diai 2	mm	Diai 3	mm	
0	0.00	20.00	0.00	20.00	0.00	20:00	0.00	0.00
1	0.42	19.89	0.11	19.85	0.15	19.85	0.15	0.14
2	0.83	19.79	0.21	19.64	0.36	19.71	0.29	0.29
3	1.25	19.64	0.36	19.40	0.60	19.53	0.47	0.48
4	1.67	19.51	0.49	19.21	0.79	19.36	0.64	0.64
5	2.08	19.39	0.61	19.04	0.96	19.21	0.79	0.79
6	2.50	19.24	0.76	18.87	1.13	19.05	0.95	0.95

Unloading Stage (1)

Loading Stress	Stress	Dial 1	Settlement	Diet 0	Settlement	Dist o	Settlement	WORLDSON CO.
Loading	Kg/cm2	Diai 1	mm	Dial 2	mm	Dial 3	mm	Average
1	2.50	19.24	0.76	18.87	1.13	19.05	0.95	0.95
2	1.25	19.29	0.71	18.94	1.06	19.12	0.88	0.88
3	0.625	19.41	0.59	19.09	0.91	19.32	0.68	0.73
4	0.01	19.64	0.36	19.37	0.63	19.60	0.40	0.46

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 2	Settlement	Average
- 250	Kg/cm2	Diai 1	mm	Diai 2	mm	Dial 3	mm	
0	0.42	19.58	0.42	19.30	0.70	19.52	0.48	0.53
1	0.83	19.49	0.51	19.19	0.81	19.42	0.58	0.63
2	1.25	19.41	0.59	19.08	0.92	19.30	0.70	0.74
3	1.67	19.35	0.65	19.00	1.00	19.19	0.81	0.82
4	2,08	19.28	0.72	18.91	1.09	199071	NG 0.90	0.90
5	0.00	0.00	0.00	0.00	0.00	67,00	0.00	#REF!

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٣ ش الملك الأفضل الزمالك - القاهرة

تليفون - فاكس ، ۲۷۳٦۷۲۴۱ - ۲۷۳٦۳۰۹۳



Company Name

Test Date

report date

Location Test No.

: Electric Express Train, from Borg Al Arab to Alamein. Project : 15/12/2022

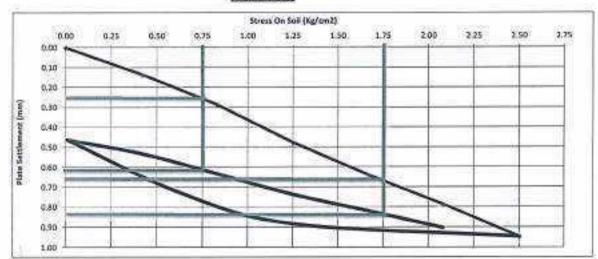
> : 15/12/2022 : Station 388+550 to 388+600

: dream Way Co.

: 02



Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.14	0.29	0.48	0.84	0.79	0.95

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.95	0.88	0.73	0.46

D (mm) = 600	\$1 (mm)=	0,25	92(mm)=	0.65	A5 =	0.41
'v1 (kg/cm2) = (0.76*D*Δσ)/ΔS		1098	I			

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.46	0.53	0.63	0,74	0.82	0,90

Ev2/Ev1 =	2.0

Signature \ ...

D (mm) =	600	S1 (mm)=	0.82	\$2(mm)=
fiv2 (kg/cm2) =	(0.75°0°Δσ)	ΔS	2143	

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loaking mm)

D = Plate diameter (mm)

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٣ ش الملك الأهضل الزمالك - القاهرة

تليفون + فاكس : ۲۷۳۱۷۲۳۱ - ۲۷۳۱۳۰۹۳



Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 15/12/2022

report date

: 15/12/2022

Location

: Station 388+600 to 388+650

Test No.

: 03

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	Dist 4	Dial 1 Settlement Dial 2 Settlement Dial 3 -	Settlement	Average			
	Kg/cm2	Dial 1		Dial 2	mm	Diai 3	mm	Average
0	0.00	20.00	0.00	20:00	0.00	20.00	0.00	0.00
3	0.42	19,91	0.09	19.80	0.20	19.90	0.10	0.13
2	0.83	19.82	0.18	19.58	0.42	19.74	0.26	0.29
3	1.25	19.72	0.28	19.42	0.58	19.58	0.42	0.43
4	1.67	19.50	0.50	19,20	0.80	19.40	0.60	0.63
5	2.08	19.31	0.69	19.05	0.95	19.23	0.77	0.80
6	2.50	19.11	0.89	18.85	1.15	19.00	1.00	1.01

Unloading Stage (1)

Loading Stress	Stress	Dist.	Settlement	Dist o	Settlement	Dist 2	Settlement	Average
Loading	Kg/cm2	Dial 1	mm	Dial 2	mm	Dial 3	mm	
1	2.50	19.11	0.89	18.85	1.15	19.00	1.00	1.01
2	1.25	19.17	0.83	18.88	1.12	19.10	0.90	0.95
3	0.625	19.32	0.68	19.05	0.95	19.27	0.73	0.79
4	0.01	19.54	0.46	19.35	0.65	19.52	0.48	0.53

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dist 2	Settlement	Dist 2	Settlement	Average
07,756	Kg/cm2	Diai 1	mm	Dial 2	mm	Dial 3	mm	
0	0.42	19.52	0.48	19.30	0.70	19.45	0.55	0.58
1/	0.83	19.44	0.56	19.16	0.84	19.34	0.66	0.69
2	1.25	19.36	0.64	19.04	0.96	19.24	0.76	0.79
3	1.67	19.28	0.72	18.96	1.04	19.15	0.85	0.87
4	2.08	19.21	0.79	18.85	1.15		ING 0.93	0.96
5	0.00	0.00	0.00	0.00	0.00	1600 W	0.061	#REF!

Signature \

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٣ ش الملك الأفضل الزمالك - الماهرة

تليفون - فاكس ، ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣



Company Name

Project Test Date

report date

Location Test No. : dream Way Co.

: Electric Express Train, from Borg Al Arab to Alamein.

: 15/12/2022

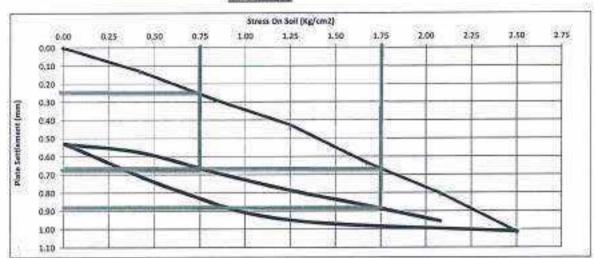
: 15/12/2022

: Station 388+600 to 388+650

: 03



Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	.0	1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.06	2.50
Settlement (mm)	0.00	0.13	0.29	0.43	0.63	0.80	1.01

UnLoading (1)		2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	1.01	0.95	0.79	0.53

D (mm) =	600	\$1 (mm)=	0.25	\$2(mm)=	0,67	AS=	0.42
'v1 (ka/cm2) =	(0.75°D*A	WAS	1071				

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1,67	2.08
Settlement (mm)	0.53	0.58	0.69	0.79	0.87	0.96

D (mm) =	600	\$1 (mm)=	0.68	\$2(mm)=	0,88	ΔS =	0.20
Ev2 (kg/om2) =	(0.75*0*Δο)/Δ		2250				

Ev2/Ev1 = 2.1

Signature \ ______

fiv1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

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٢ ش الملك الأفضل الزمالك - القاهرة تليفون + فاكس ، ٢٦٧٣١



مكتب معامل الإستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 15/12/2022

report date Location : 15/12/2022

Test No.

: Station 388+650 to 388+700 : 04

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

وريم واي للمداولات الماسة

ن شد ۱۲۸۰ برسور دا ۲۰ - ۱۲۸۰ م

Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist. 2	Settlement	Average	
ASSESSED TRACE	Kg/cm2	Diar 1	mm	Diai 2	mm	Dial 3	mm	Average	
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00	
1	0.42	19.82	0.18	19.81	0.19	19.84	0.16	0.18	
2	0.83	19.74	0.26	19.65	0.35	19.66	0.34	0.32	
3	1.25	19.53	0.47	19.30	0.70	19.20	0.80	0.66	
4	1.67	19.25	0.75	19.00	1.00	18.93	1.07	0.94	
5	2.08	19.09	0.91	18.83	1.17	18.74	1.26	1.11	
6	2.50	18.95	1.05	18.67	1.33	18.58	1.42	1.27	

Unloading Stage (1)

Loading	Stress	Dial 1	Settlement	Dist 2	Settlement	Dist 9	Settlement	Acceptance
Loading	Kg/cm2	Diat	mm	Dial 2	mm	Dial 3	mm	Average
1	2.50	18.95	1.05	18.67	1.33	18.58	1.42	1.27
2	1.25	19.02	0.98	18.76	1.24	18.63	1.37	1.20
3	0.625	19.18	0.82	18.91	1.09	18.77	1.23	1.05
4	0.01	19.62	0.38	19.28	0.72	19.08	0.92	0.67

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	Assassana	
.099	Kg/cm2	Diai	mm	Side 2	mm	Diai 3	mm	Average	
0	0.42	19.40	0.60	19.10	0.90	18.95	1.05	0.85	
1	0.83	19.25	0.75	18.95	1.05	18.81	1.19	1,00	
2	1.25	19:15	0.85	18.85	1.15	18.70	1.30	1.10	
3	1.67	19.08	0.92	18.77	1.23	18.63	1.37	1,17	
4	2.08	19.00	1.00	18.70	1.30	1850N	SUL 1.45	1.25	
5	0.00	0.00	0.00	0.00	0.00	St. pg	6.00	#REF!	

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٣ ش الملك الأفضل

الزمالك - القاهرة

تایفون + هاکس ، ۲۷۲۱۷۲۳۱ - ۲۷۲۱۳۰۹۳



Company Name

: dream Way Co. : Electric Express Train, from Borg Al Arab to Alamein,

Project **Test Date**

: 15/12/2022

report date

: 15/12/2022

Location

: Station 388+650 to 388+700

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.18	0.32	0.66	0.94	1.11	1.27

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	1.27	1.20	1.05	0.67

ĺ	D (mm) =	600	\$1 (mm)=	0.28	82(mm)=	0.97	ΔS =	0.69
	"v1 (ko/cm2) =	(0.75°D°Δσ)	/ΔS	652				

Loading (2)	0	10	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.67	0.85	1.00	1.10	1.17	1.25

D (mm) =	600	\$1 (mm)=	0.97	\$2(mm)= 1.20	ΔS=	0.23
Ev2 (kg/cm2) =	(0.75°0°Δσ)/Δ\$		1957		700	

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

OS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

Ev2/Ev1 = 3.0

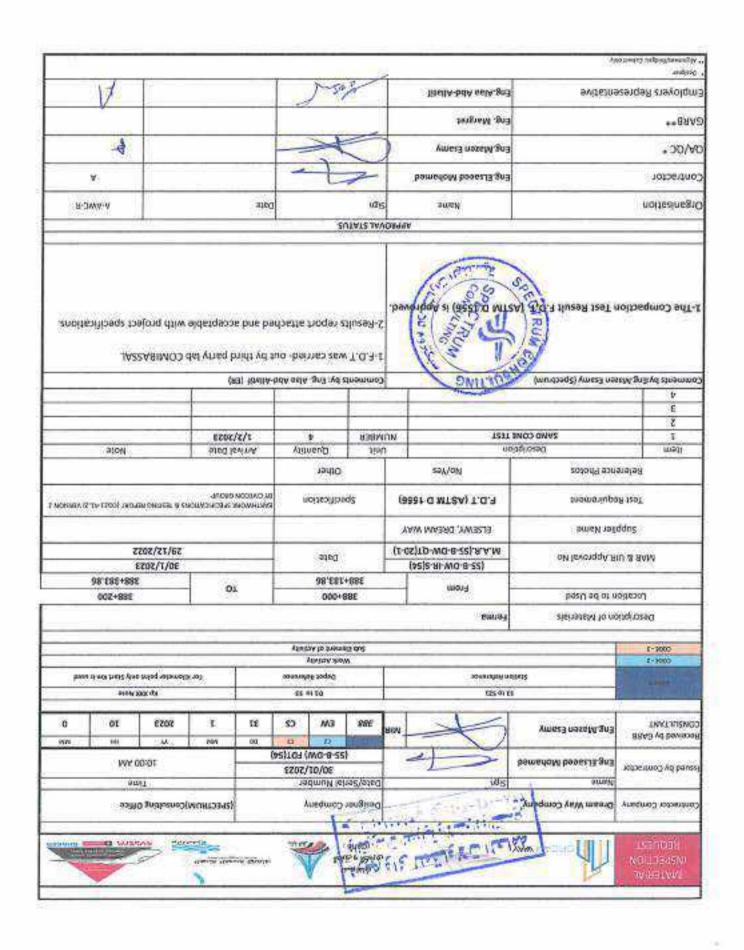


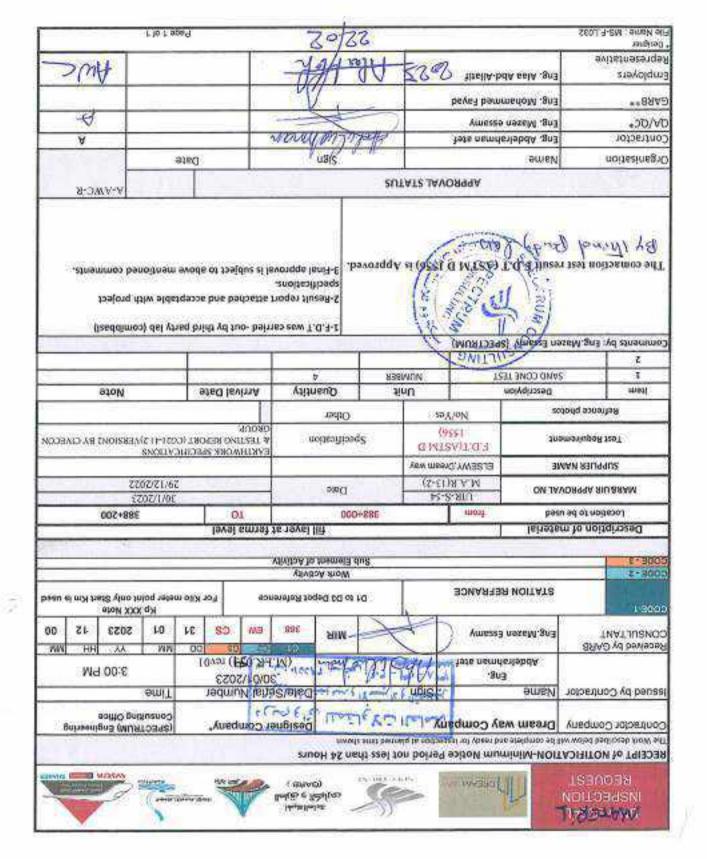
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Tel.& Fax: 27367231 - 27363093







COMIBASSAL International Controllers

الجمعية التعاونية الانتاجية لأعمال الهؤل والراجيمة والمقيرة المولية (كوميرهمال

ألم لدوااع التفتيش الدائاي والمعامل اSO 9001:2015 بازيكادة الأيزية Bros:1009 OSI

1105.11.95\AE : ON 19bnU Egyptian General Authority for Petroleum Under No.: 34/29.11.2011 Accredited by:

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: \$5\5\5053 Report NO. : 447/1/center

9991 G - MTSA Field Detr. Of Density Of Soil In Place Report

1 - 2 - 2023 test to sted Ferma gamble Electric express train Project ت الا يا المهال إلى بعيها مُثار بها Contractor SPECTRUM Consultant ARTEYS General consultant

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Civil, Eng Department

Eng: Eman E. Kandil



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Contractor Company	Dream Way Company	لات الدامة	Designe	er Compar	2.12		CIPECTRUM	(Consulting (Office	
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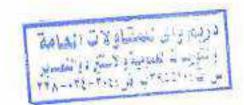
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50	oplier Name										
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COMIBASSAL International Controllers

Internal inspection and laboratories sector

Accredited by : Egyption General Authority for Petroleum under No. 34/29-11-2011



Report NO.

: 163/01/center

(يدل قاقد)

Doto

: 18/1/2023

Field Detr. Of Density Of Soil In Place Report

ASTM - D 1556

General consultant

Consultant :

Contractor Project

Sample Date of test SYSTRA

SPECTRUM

شركة دريم واي

Electric express train

Ferma 9 - 1 - 2023

Results:

Points NO.	4	2	-3	4	5	- 6					
Description	St (388+250)	St (388+300)	St (388+350)	St (388+400)	St (388+460)	-					
Initial wit. (gm)	8100	10310	7350	7266	10640	7390					
WLatter filling the cone and the hole (gm)	5000	7150	4260	4160	7300	4300					
Wt. of wet Sample (gra)	2425	2460	2490	2400	2470	2410					
W. of send filling hole (gm)	1582	1632	1632	1587	1622	1572					
Wt. of sand filling cone (pm)	1518	1518	1618	1618	1618	1518					
Density of standered sand (Ys) (gm/cm²)		31.44 //									
Volume of hole (cm*)	1098.61	1133.33	1133	1102.1	1126.4	1091.7					
Wt.of wet Sample (gm)		200									
Wt.of sample after drying (geo)	186.6	184	187	184.4	185.1	186.3					
Wet Density (Yout) (gm/cm²)	2.207	2.171	2.197	2.178	2.193	2.208					
Moisture ratio (%)	7.2	8.7	6.9	8.5	8.0	7.4					
Dry Donalty (Ydry) (gm/cm²)	2.059	1.997	2.065	2.008	2.029	2,058					
(Ymaicdry) (gm/cm²)		2.05									
Compaction Sette						1 22					

Civil. Eng Department

Eng : Eman. E. Kandil

Kilo 23 Alexandria - Cairo Desert Road - Merghem

Tel: 002 03 4704595 - 062 034701191 Email : civdept@comibassal.com WebSite : www.comibassal.com



49 El Horria Ave. Alex, Egypt

Tel: 002 033920176 - 002 033931482

Fax:002 033900476

Email: internal-inspection@comibassal.com

MATERIAL INSPECTION REQUEST	The Tack	يم واي علمشاولات ١	Selection of the select	u jedi	20 1/4	anoura			STA U	Section II
Contractor Company	سفيا ا	Name of the last o	1	r Compan	v ·		(SPECTRUM	f)Consulting C	effice	
CONTRACTOR OF THE	Name	Sgn	Date/Se	rial Numb	rer			Ti-	ne -	
issued by Contractor	Eng.Elsseed Mohamed	-	10000		/2023			10-0	MA 0	
- Marine 2007 2 7 2 8 10 10 10	englessacea macamea		H	(\$5-B-DW	r) FDT(52					
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1000000	ion of Materials on to be Used	Ferma From	38	38+200			10		388+300	
			388	+383.86	- 3		1372		388+483.86	
MAR & L	AR Approval No	(55-8-DW-R-5(52) M.A.R(55-8-DW-QT(19-1)		Date				15/1/202 20/12/202		
Sup	plier Name	ELSEWY, DREAM WAY								
Test	Sequirement	F.D.T (ASTM D 1556)	9	pecificatio	an .	EARTHWO BY CVECO		INS & TESTING FE	PORT (CG21-41	.2) VERSION 2
Refer	ence Photos	No/Yes		Other	Total Control					
Item	Descript	ion	Unit	Qua			rai Date		Note	
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3 4		TING		-		_	_			
The second second second	acen Esamy (Spectrum) 📝	1	Commen	to by: Fing.	Alan Abo	d-Allatif ()	(R)			
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Organisation		Name	Sign		2007	Date			A-A4	VC-R
Contractor		Eng.El.saeed Mohamed	-	7	-				A	
QA/QC*		Eng.Mazon Esamy			_				A	
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· Designer · Algument/Bridges Delves	andy .	3	59						20.	

MATERIAL INSPECTION









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Contractor Company	Dream way C	The second second	- 42 1-	SEV 20	Design	er Con	npany'			TRUM) En Iting Offic		g
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CONSULTANT	Eng.SAIED SAIF		1	MIR	388	EW	CS	16	01	2023	12	00
CODE-1	STATION REFE	ANCE		01 to D3 De	pot Refere	ence	Fe	or Killo r		XXX Note int only S		s used
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Location to be		rom	388	+200	n layer a	100000000000000000000000000000000000000	TO TO			388+300	000	_
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Item	Descripyion	1 3	Unit	Qua	ntity	Arri	ival Da	te		Note		
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2 Comments by: Eng.Ma	TILLIMG	188										
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	reported.	APPROVAL ST	ATUS					**		V-V.	WC-R	
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QA/QC*	Eng. Saied saif		1							1	3	
GARB**	Eng. Mohammed	Fayad	- N	1								
Employers Representative	Eng. Alaa Abd-Ai	latif 702	Alaa	IA	5					A	w<	2
* Designer Ete Name : MS-E (032			17	01				- 8	Page 1	of 1		

دريم واي للمقاولات العامم والترويد السرب والأشراد والتصلير بين الدواع بدض د ٢٤٠ - ٢٢١ - ٢٢٨







	Elecri	cal express	train fron	n borg al-ar	ab to ala	mein								
Activity : Earth Wor	rk	lab	tasting Resu	alts		Date	I s	7/1/2023						
	Density and Unit	Weight of So	i in Place by	the Sand-Con	e Method	- ASTM D	1556							
Company:	D	ream Way	1		Layer NO:		1	ferma						
Description :		IR-S(52)			er Thicknes	50	. 0	FDT52						
Station Represented :		O 388+300 fe	rma		mple Date :	_	-	/1/2023						
		200		77 27 17	-									
		Mod	fied Proctor	Testing Result	S									
Max. Dry Density, gm/cm ³	Optimum Moistur	e Content. %	Degree of C	ampaction Req	uired , %	Bulk Dens	ity of Specifi	ed Sand, gm/c						
2.05	8.4	= 20		95%	171 171		1.430							
		Compaction	n Testing Re	sults & Calcul	lations									
Hole No.	t	2												
Stations					B	OCTING	7							
Wt. of Sand before Test, gr	9614	8537			18	11	141	T						
Wt. of Sand After Test, gm	6874	5887			FRE I	300	12/3							
Wt. of Sand in Cone + hole	gm 3940	3650			121	The Salar	1 3							
Wt. of Sand in Cone	1482	1482			122	200	1/31							
Wt. of Sand at hole, gm	2458	2168			- 1	500	185	6						
Volume of the Hole, cm ³	1719	1516				Fages of T	/							
Wt. of Soil from Hole, gm	3674	3246				- Inches								
Bulk Density of Soil, gm/cr	17.75	2,106	-					-						
Moisture Content, %	6.0	5						1						
Dry Density, gm/cm ³	2.016	2.006	-			-								
Compaction, (%)	98.3%	97.8%												
Acceptance Criteria	Comply		Nat Comply											
CONSULTANT COMMEN	rts													



MATERIAL INSPECTION



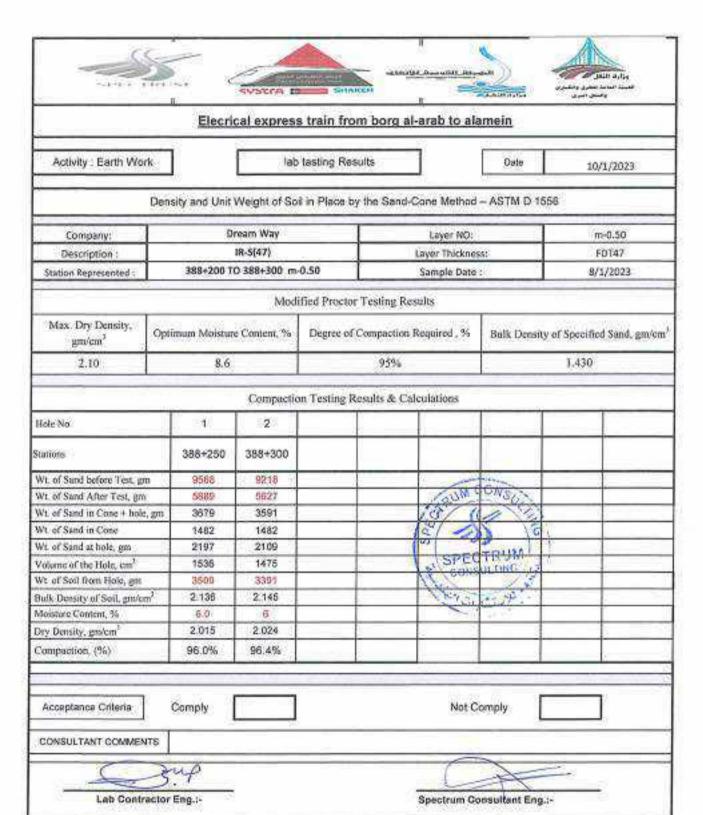








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						88							
COMPLIANCE		uit be included a	appropriate .			100				- 13			
Checklist Atta	ched		Yest Results A	Attached		Cali	bration A	Attached		Other as i	ndicat	ed	
PLAN AND PRO OF SHEET ON PLAN SHEET FOF CU BY (SPECTRUM	N T AND FILL A	POINT MASTER PPROVED	MAR (SS-B-D MIR (SS-B-D					& TISTIN	NG REPO	ARTHWORK SPE IRT (CG21-41-2) ORT (CG21-122-	/ERSION	2 BY CIVE	CON
Comments by:E	ing, Mohamed	KHALIL (XYZ	9					1	_			-	
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			/ CD	CTRUM	1								
NSPECTION RE	SOLT		100	مراستارات				-		Approval Status	40.5655	se Tick i Attend	
ontractor		-	Name		Sign		Date	77	me	A-AWC-R			
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YZ Survey		Eng. Moham	ed Khalil	Mohame	4 7 Con	مکار				A			
A/QC*		Eng. Mazen	Esamy		7-2	-				A			
AR8**		Eng. Margre	t magdy										
mployers Repr	resentative	Eng. Alaa Ab	d-Allatif		da F				+-	Λ			





Electrical Express Train From Borg Alarab to Alamein From Station 388+000 To Station 389+000



Serial No. IR-S (46)

	2011.000	3.6		154 FEB 1 4 GAR 1964	20/12/2022
		Works	Inspection Regu	est	
We request your attends	ince to inspect th	30100000		(170)	
Discipline :	2 Cay/Slipe Present		truttare	O Chilleogo	* hop
Location :	1	Zona	From Station	To Station	Level,
-coabon -	Di	REAM WAY	388+000	388+200	(DL-0.90)-1
References	Drawing: EET	-BORG EL ARAB RE	IV 30 Plan Profile		Earthworks Specifications and ling Report
Purpose of the inspect Attachments 1- MASTER SHEET FOR	Surveying a Serie of a Lock a Markelly FILL A CONTOR		100	العام ال العام العام الع ORDINATES	CONTRACTOR OF THE PARTY OF THE
3-LEVELS OF LAYER	18/ 3	B . 8	4-PREVIOUS IR	5(40)	
Works To be Inspected			M FERMA LEVEL	FROM 388+000 TO	388+300
The state of the s	1 1 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		THE PERSON	300400010	JOUNTED
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Charles - IV-	16	POLITING		1.12	3-5/
		3		And the same	حال وعالقوال
Submitted by:	DR	EAM WAY	Name		Signature:
Wheih	APP Y	19 the	by spe	Date of Inspection:	r sheer
levels N	- APP K	ioned	by spe	ed nagsque	F Sheet
The works are: Name: GARP Consultant Engine	- APP V	oved comm	by sPe	e A MANS F.E. * Annua Product (1) Signature:	# 5 h e e q " Rejected (0) 1
Levels A Which The works are: Name: GARP Consultant Engine	APP V Opposite	oved comm	by sPe	E. M.	# 5 h e e q " Rejected (0) 1
The works are: Name: Sanetal Consultant Region The works are: Name: Out ISO	- APP V - A	els und wid	AFFETOP Devolue of piece To	E.A. MARISTE, * Aminos Prochest (1) Signature:	Population





Station Stat	Colon Balletin	4	V :	A:	重	Hussen				March Sept.	And the second second
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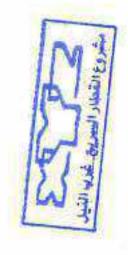




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UNIVERSAL INSPECTION REQUEST	1000	OREAN		باردى	aladisephi Sili 9 (8)hali (GARIB)	A	243 646	MOU.Aven		5050		EHWIN
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- November		388+030 388+030 200-888	Filtre Level (6.70)	Femulani 2728	210.6 E10.6		576.8 576.8	44 EST.8 ST0.8	2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3	2,1 655.8 555.8	ETE.T	err.r	655.T	200	1708
7 705		090+886	0000	129'6	148'6	100	1,78,8	1298	175'8	TZC'8	7267	1297	2012	9	11
		090+88%	00%	695'6	6TE'A	-	613'B	6953	616.8	690'8	918.7	695'Z	elopi	1	II
16		080+886	7.00.7	815'6	9.268	1777	897.8	8158	8'508	810.8	892.7	815.7	800°	2	Y.U
Ver		001+885	007	2916	6227	-	717.B	731.8	715.8	£96'£	ZZZZ	199" L	No.	9,5	38
	2	951+886	00/2	979'6	995.6	-	999'8	979'B	8.166	916.7	999'4	910'4	11	10	58
11	Master Sheet For Fill (Fro	CO-C+BRE	00/4	P36.6	PIT'6	198.8	619.8	996.8	prrs.	7.884	019.7	P-36.1	0/	表 机	. 3
1166	Je.	091+995	90%	818.6	190'6	ETS'8	8963	£1E.8	E90'8	Z.B.13	895.4	£12.5		1	-
	She	OUE+RRE	2074	292.9	510.6	294.8	512.8	8,262	\$10.8	292'2	7.512	592.7	0	9	0.3000.0
100	186	002+886	00%	112.6	T96'8	trv.s	19978	8.211	196'4	3331	136.1	112.7			
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	4	085+886	00°£	900'6	954.8	010.5	952.8	8008	821.7	905.5	952.7	150'L	0	e	
	Lon	DOS+HIS	1'00	156'8	8.704	0.6043	\$05.8	156.7	p00'L	959.5	900.7	500%	0	0	
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13	3)(0	090-995	00/2	205'8	8.297	710.8	181.X	£95'£	725.7	790.5	0	0	0	0	277
2	Sre	988+200	00%	605.8	8337	900.8	681.Y	605'L	655.1	600°£	0	Ü	ő	0	3
-5	89+000)(Dream	025+885	90.4	1918	8214	186.0	BET.Y	189.7	TEE.Y	1	0.0	0	.0	- 0-	
- 1	way	OUS+RSE	7:00	959/B	8208	B26.7	805,7	886.1	90Z.Y		0		0	0	1
	- IA	388+260	7,00	099'B	15.8	96.T	77.7	36.1	12.7		0	0.	0	0	1
	Rev	085+98E	00%	8,462	515.8	Z98-Z	527.7	7.95.7	ZIZ L	0			0	0	750
	8	009+38E	00'4	p9#18	8,214	196'L	PETT	999°Z	7314	-0	0		.0	0	
(Grants)	177	1884620	00°E	99918	912.8	996.7	91474	99974	3226	0	0	9		9	
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Alle selle		OBY+BRE	01.9	186.8	8.235	619.T	7.731	95A.T	7.229	659.9	622.5	0		ŭ.	U
į.	- 1	C87+88E	04.9	£89.8	165.8	E86.Y	SEC.7	£80°7	7.233	189.8	164.9	0	0	-0	16
	-	GDS+THE	0.09	389.8	8,236	986.1	362.7	587 4	9124	986'9	9EC'9	0		70	
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D wanne		G68+88E	6.70	260'8	515.6	\$65°L	2362	259"	1367	266.9	204.0	۵	0	10	
10		058+886	6.70	8'494	9.244	966'4	7.76¢	969°Z	7.244	168.8	1929	0			
2772	+	006+995	029	961/8	9924	966'L	397.1	959"4	7,246	868.0	\$94.9	9	U	0	
		2001050	07.8	869.8	8248	866'4	2007	869'2	352.7	866.9	804'9	0	0	9	-
STIMIL	1	COSCOSSE	009	102.8	157.8	100'8	1522	105 (152'A	£00.5	150'9		ů.	ė	
4	-	096+89E	07.9	8.503	8328	800.8	152.2	1,503	SEC.Y	7,003	650'9	n	0	0	
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Idilon	SLOPE %	14.19	12	8	4	3	4	8	10.69	SLOPE%
388+200	4%	8.143	8.231	8.391	8.551	8.711	8.551	8.391	8.283	4%
قراءة الخامة										
الفرق		+ 2	7	+7	Τ	1	1+	1	2+	
388+220	4%	8.091	8.179	8.339	8.499	8.659	8.499	8.339	8.231	4%
هراءة الجامة										
الفرق		-2	+	7	7	1	T	7+	+	
388+240	4%	8.040	8.128	8.288	8,448	8.608	8,448	8.288	8.180	4%
فراءة الجامة										
الغرق		1+	7	1	ī	7	17	1	1	
388+260	4%	7.989	8.077	8.237	8.397	8.557	8.397	8.237	8.129	4%
قراءة الهامة										
Just 6		14	7	+2	7	1+1	3	10	1	
388+280	4%	7.938	8.026	8.186	8.346	8,506	8.346	8.186	8.078	4%
قراءة الجامة										
llace		7	7	7	1	41/5	7	1	2	
388+300	4%	7.886	7.974	8.134	8.294	8.454	8.294	8.134	8.026	4%
قراءة الفامة									+)	
lleves		7	0-			9)	A	01	1	







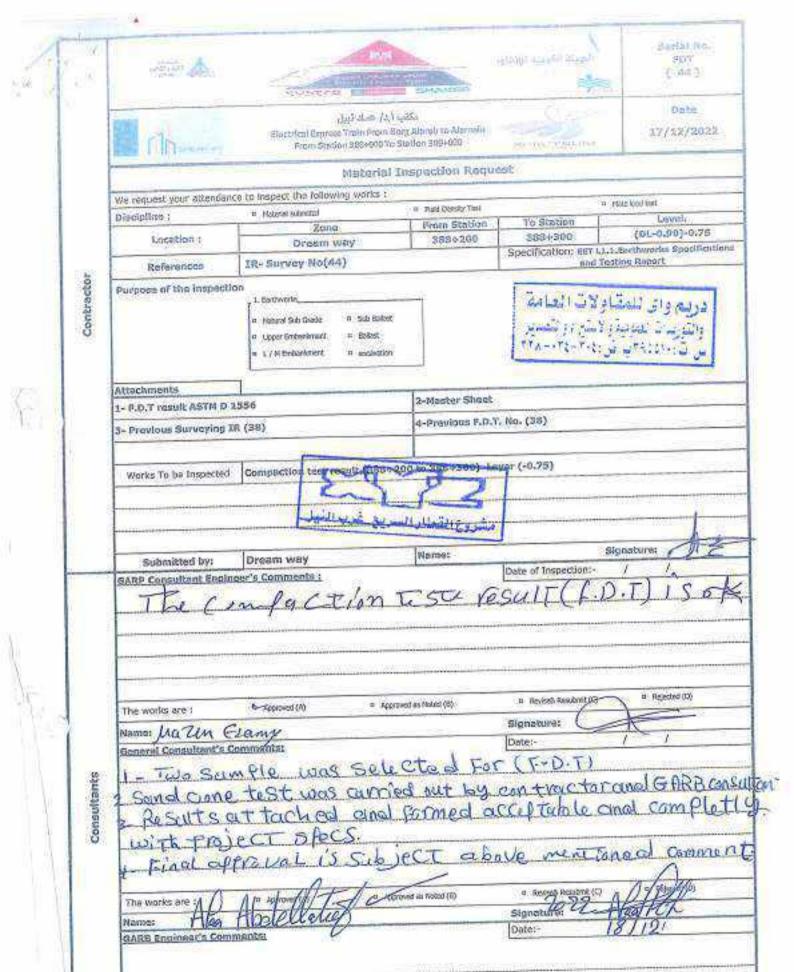
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00 0000	3994230 00 899901 81 427841.07	427841.07	8.0914	14.19	899,915.0447m	899,915.0447m 427,846.1924m,	8.659	899925.01	427850.05	8.2314	10.69	24.88
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88+240,00	388+240,00 899909,03 427822.42	427822.42	8.0404	14.19	899,922.2636m	899,922,2636m 427,827,54Ubm	0.000	000000000	1510441	200		Section
8+260.00	388+260.00 899916.25 427803.77	427803.77	7.9894	14.19	899,929.4826m	899,929.4826m 427,808.8889m	(8.557)	899939.45	427812.75	8,1294	10.69	24.88
88+780 00	388+280 DO 849923.47	427785.12	7.9384	14.19	899,936.7015m	899,936.7015m 427,790.2372m	8.506	899946.67	427794.1	8.0784	10.69	24.88
00 900 00	600020 69		7.8864	14.19	899,943,9204m	899,943,9204m 427,771,5854m	8.454	899953.89	899953.89 427775.44	8.0264	10.69	24,88







Names

General Consultant Eng.

Signatura:

GARP Eng.

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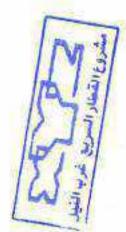
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Issued by Co	ontractor	Name		Sign	Maria Sala	Date/Ser	ial Nu	mher		Time	000000000000000000000000000000000000000	
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2 omments by: Er	i test re	n Essamy (Ssult F.D.T	APPROV	TING Y	pprove	Quar 4 1-F.D. and G 2-Resi specif ed. 3-Fina	T was car ARB cons ult report ications.	ried-ou ultant attache	t by ma d and a ect to al	terial e	ble with	r for both h project ed commo	ents.	actor
a 2 comments by: Experience of the comments of	kest re	sult F.D.T	APPROV	TING Y	pprove	Quar 4 1-F.D. and G 2-Resi specif ed. 3-Fina	T was car ARB cons ult report ications.	ried-ou ultant attache	t by ma d and a ect to al	terial e	ble witi	r for both h project ed commo	ents.	actor

MATERIAL INSPECTION REQUEST











Contractor Company	Dream Way	منساها	4	esti.	Designer	Company	1		SPECTE	UM ENGIN	IEER CON	SULTING
	Name	1000	Sign		Date/Ser	ial Numbe	er			Ti	me:	
Issued by Contractor	Eng.SAEED M	DHAMMED	-	-	(6	CONTRACTOR ASSOCIA	/2023) (P.L.T.O	7)		10:0	0 AM	
Received by GARB	CONSTRUCTION OF THE PARTY OF TH	0.0000	242 1	-	n.	(2	(C)	00	MM	- 11	191	- NW
CONSULTANT	Eng.MAZEN E	SSAMY	32	MIK	388	EW	cs	1,7	1	2023	10	0

200000	51 to 521	D1 to 53	Kp XXX Note
1,100	Station Reference	Depot Reference	For Kilometer point only Start Km is used
1000 1	300-15000000-3455-	Work Activity	- Chicago - Chic
Hart		Sub Element of Activity	

Descrip	otion of Materials			FERMA		
742503	W. C. L. W. C. W. C. W.	REV.29	388+2	100	то	388+300
riocat	tion to be Used	REV.35	388+38	3.86	10	388+483.86
Su	pplier Name	اجر السيوي -العلمين				
Test	Requirement	P.L.T (DIN 1813	34) 3	ipecification	EARTHWORK SPECIFICA 41.2) VERSION 2 BY CIV	LTIONS & TESTING REPORT (CG)
Refe	erence Photos	No/Yes		Other	Ta990550	DW-IR-S(S2) DW-QT(19-1)
ltem	Descr	iption	Unit	Quantity	Arrival Date	Note
1	1. V.C. (1)	DAD TEST	NUMBER	4	18/1/2023	
2			Sala .			
3						
4			3.00			

Comments by: Eng.MAZEN ESSAMY(spectrum)

Comments by: Eng. Alaa Abd-Aliatif (ER)

1-P.L.T was carried- out by third party lab (CEL)

2-Results report attached and acceptable with project specifications.

1-The Plate Load Test Result 61.7. (OIN 181941's Approved

APPROVAL STATUS								
Organisation	Name	Sign	Date	A-AWC-R				
Contractor	Eng. SAEED MOHAMMED	-27	-2	A				
QA/QC*	Eng.MAZEN ESSAMY	*	_e	A				
GARB**	Eng. Margret magdy		Dea					
Employers Representative	Eng. Alsa Abd-Allatif	-Alan 1	102	A				

Dissigner



^{**} Alignment/Bridges: Culvert only















Contractor Company	DREAM WAY		Designe	r Company			GPECTALING) Engineerin	Contenting C	Mor
1 38 55	Name	Sign	Date/Se	rial Number				Ť	me	
issued by Contractor	Eng. Abdelrahman Atel	Andeltalenon	9-	17/1/2023				3:0	0 PM	
	SATAMEST VALUE OF	CAT ON F	PLT(08)				7464	596	нн	M
Received by GARB CONSULTANT	Eng. Mazen Essamy	A	MIR 388	EW	d	18	8.	20	3	0
coor-t	1110	51 to 521			53		Kp XXX Note			
		Station Reference	1	Depot Ro	eférence		For Kilon	eter point	only Start R	m is us
(files)			Work Act Sub Element o							
Locat	tion to be Used	From .	388+20	ю	1	0		388	+300	
	MAR	QT(12-2)		Date			20/12/2022			
Su	pplier Name			ELSEWY,	Dream w	/ay				
Test	Requirement	PLATE LOAD TEST	ON	Sopolitication			VORK SPECIFICATIONS & TESTING REPORT (CG2 RSION 2 BY DIVECON GROUP			
Refe	rence Photos	No/Yes		Other			- 4	JIR -5-48		
Item	Descrip	otion	Unit	Quantity		Arrival Date		ä .	Note	
1 PLT	BY CONSULTING ENGINEER	ING BUREAY&LABORATORIES	NUMBER	JMBER 2						
2										
3					- 1			3 -		
34		CIVI TIE		1						
Comments by: Eng. I	Mazen Essamy (SPECTRUM	ONSULTING	Comme	nts by: Eng.	Alaa Abd	I-Allatif (ERI)		ARTON I	
1-11	ne plate load test result by t	To the state of	2-Result	ts of plt was s report atta pproval is s	eched and	i acceptal	ole with pro	oject spec		V.

APPROVAL STATUS								
Organisation	Name	Sign	Date	A-AWC-R				
Contractor - 5	ling. Abd el rahman attef	Abdelyal	ingh	Д				
QA/QC*	Eng. Mazen Essamy		=	Δ				
GARB**	Eng. Mohammed Fayad	The state of the s	\cap					
Employers Representative	fing. Also Abd-Albeif	2023ACar	FIR	AWC				
* Designer ** Alexanderi/Bridges: Culvert only	100	19/01						

¹ Dinigner

^{**} Alignment/Snager: Culvert only















Contractor Company	tor Company AlMotahada 2 CO. for Contrac		acting and Paving Roads		Designer Company				(SPECTRUM) Engineering Consulting Office			
ssued by Contractor	Name	Signy	Date/Serial Number 17/1/2023 915(08)			Time 3:00 PM						
	Eng. Abdelrahman Atef	Aberbusho										
Received by GARB	was summer was now		211	at d	C2:	(3	DD	388	re.	3000	300	
CONSULTANT	Eng. Mazon Essamy		MIR	388	gw .	65	18	21	23	3	3/6	

novozenia di	51 to 521	D1 to 53	Ifp XXX Note				
000£1	Station Reference	Station Reference Deput Reference For Kilometer po					
-thinks		Work Activity	11/				
140111		Sub Element of Activity					

	Location to be Used	From	388+20	0	то	388+300	
	MAR		Date		15/1/2023		
	Supplier Name			ELSEWY , Dream	way		
	Test Requirement	PLATE LOAD TES	Specification EARTH-WORKSPER 412/ VERSION 28			PICATIONS B. TESTING REPORT (CG21). CIVECON GROUP	
	Reference Photos	No/Yes		Other	uiR-		
Item	Desc	ription	Unit	Quantity	Arrival Date	Note	
1	PLT BY CONSULTING ENGINEE	NUMBER	2				
2							
3							
4	4 9			10			

Comments by: Eng. Mazen Essamy (SPECTRUM)

I-The plate load test result by thirt

Comments by: Eng. Alas Abd-Allstif (ER)

1-2 points of pit was carried- out by (CEL) on forma layer

2-Results report attached and acceptable with project specifications.

3-Final approval is subject to above mentioned comments.

APPROVAL STATUS								
Organisation	Name	Sign	Date	A-AWC-R				
Contractor	Eng. Abd el rahman atef	Abduliah	mar	Ä				
ówac •	Eng. Mason Essamy		=	A				
GARB**	Eng. Mohammed Fayad							
Employers Representative	Eng. Alsa Abd-Allatif							

^{*} Designer

^{**} Alignment/Bridges: Culvert anly



Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

شركة دريم واي Company

Project

: Electric Express Train, Al Ain Sokhna to Marsa Matrouh Priority Sector (6)

Borg ALarab to Foka

Subject

: Determine the deformation and strength characteristics of soil by the plate

loading test according specifications DIN 18134:2012-04 and project requirements

Test Location: Station 388+200 to 388+300

Test Date

: 17/01/2023 Repot Date : 18/01/2023

Type of Soil

: A-1-a

Type of soil : Upper Embankment (Ferma).

Report No. : 96:97

Dear Gentleman,

According to the above mentioned subject the test performed as follows:-

Apparatus

- Loading plates consists of two plates with 600 mm and 300 mm diameter
- 2. The thickness of plates 30 mm
- 3. Dial gauges with accuracy 0.01 mm to measuring the settlement
- 4. Steel straightedges with magnetic supports to fixed the dial gauges
- 5. Hydraulic jack with pump to transfer reactive loads to the loading plates
- Dial Indicator measuring device with scale capacity 700 Bar (Enerbac)
- 7. Reaction loading system by roller compactor with weight approximately 15 ton
- Calibration certificates are attached

Test Procedure

- 1. Clean the ground on test area to the required level with undisturbed soil
- 2. Install loading plates 600 mm and 300 mm diameter, hydraulic jack and 3 dial gauges
- Prior to starting the test applied preloading about 30 seconds.
- 4. The strain gauge and the dial gauge shall be set to zero
- For a 600 mm loading plate, the limit values are 2.5 kg/cm²
- 6. The load shall be applied in six stages, in approximately equal increments, until the required maximum normal stress is reached.
- Each change in load (from stage to stage) shall be completed within one minute
- 8. The load shall be released in 3 stages, to 50 %, 25 %, and approximately 2 % of the maximum load,
- 9. Following unloading, a further (2nd) loading cycle shall be carried out, in which, however, the load is to be increased only to the penultimate stage of the first cycle (so that the full load is not reached).
- 10. At each stage the load shall be maintained until the rate of settlement of the plate becomes less than 0.02 mm/min.
- 11. Remove the loads



3 El Malck El Afdal Street Zamalek, Cairo.

Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس: ٢٧٣٦٧٢٣١ ـ ٢٧٣٦٣٠٩٣



Consulting Engineering Bureau & Laboratories مکتب معامل الإستشارات الهندسية

Report

- 1. Evaluation and representation of results
- 2. Load Settlement curve
- 3. The test report content the following:-
- · location of test site Dimension of loading plate
- · Measuring device used Type of soil
- · Type of Bedding material below the plate -Weathering condition
- Time and date of measurements Unusual observation made during test
- · Dial gauge reading and corresponding normal stress Loading-settlement curve
- · Description of the soil condition below the plate after testing

Report

Type of Soil : Upper Embankment (Ferma). Job Requirement : Ev2 > 600 Kg/cm² (60 MPa).

Item	Descriptions
- Type of bedding material below the plate	Natural Soil
- Weather condition	Partly Sunny
- Plate Diameter (mm)	600
- date of measurement	17/01/2023
- Unusual observation made during test	NO
- Description of the soil conditions below the plate after testing	No deformation

Evaluation and representation of results

Test No.	Sta	Station		First Cycle Second Cycle		
	From	То	E _{V1} (kg/cm ²)	E _{V2} (kg/cm ²)	E _{V2} / E _{V1} Ratio	
1	388+200	388+250	1607	1607	1.0	
2	388+250	388+300	1286	2045	1.6	

Signature / _____

مگاب مغلال الاستشار ایم الهانسینه به و فهرس و می درسر ایند فهرس







Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 17/01/2023

report date

: 18/01/2023

Location

: Station 388+200 to 388+250

Test No.

Nonrepetitive Static Plate Load Tests of Soils **DIN 18134**

Data sheet

Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dist o	Settlement	- Accessor	
150	Kg/cm2	Diai	mm	Oldi 2	mm	Dial 3	mm	Average	
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00	
10	0.42	19.84	0.16	19.83	0.17	19.90	0.10	0.14	
2	0.83	19.71	0.29	19.70	0.30	19.78	0.22	0.27	
3	1.25	19.60	0.40	19.58	0.42	19.65	0.35	0.39	
4	1.67	19.48	0.52	19.46	0.54	19.55	0.45	0.50	
5	2.08	19.36	0.64	19.34	0.66	19.46	0.54	0.61	
6	2,50	19.26	0.74	19.24	0.76	19.37	0.63	0.71	

Unloading Stage (1)

Stre	Stress	Dist 4	Settlement	Dist o	Settlement	D:-1 2	Settlement	(Ministration)
Loading	Kg/cm2	Dial 1	mm	Dial 2	mm	Dial 3	mm	Average
1	2.50	19.26	0.74	19.24	0.76	19.37	0.63	0.71
2	1.25	19.30	0.70	19.30	0.70	19.40	0.60	0.67
3	0.625	19.46	0.54	19.48	0.52	19.56	0.44	0.50
4	0.01	19.74	0.26	19.78	0.22	19.82	0.18	0.22

Loading Stage (2)

Loading	ading Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	2,000,000
	Kg/cm2	Dia	mm	Ulai 2	mm	Dia 5	mm	Average
0	0.42	19.67	0.33	19.68	0.32	19.78	0.22	0.29
4	0.83	19.56	0.44	19.54	0.46	19.66	0.34	0.41
2	1.25	19.45	0.55	19.42	0.58	19.54	0.46	0.53
3	1.67	19.35	0.65	19.32	0.68	19.44	0.56	0.63
4	2.08	19.25	0.75	19.22	0.78	19.36	9/64	0.72
5	0.00	0.99	0.00	0.00	0.00	0.00	0.00	#REF!

Signature \

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Zamalek, Cairo.

Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس : ۲۷۳٦۷۲۲۱ - ۲۷۳٦۳۰۹۳



Consulting Engineering Bureau & Laboratories

مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

Electric Express Train, from Borg Al Arab to Alamein.

Tost Date report date

: 17/01/2023 : 18/01/2023

Location

: Station 388+200 to 388+250

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134



Loading (1)	0	1	2	3	4	. 5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.14	0.27	0.39	0.50	0.61	0.71

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.71	0.67	0.50	0.22

D (mm) = 600	S1 (mm)=	0.24	\$2(mm)=	0.52	ΔS =	0.28
Fv1 (kg/cm2) = (0.75°D'	Δσ)/ΔS	1607			Anna Constant	

Loading (2)	0	31	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0,42	0.83	1.25	1.67	2.08
Settlement (mm)	0.22	0,29	0.41	0.53	0.63	0.72

D (mm) =	600	S1 (mm)=	0.38	\$2(mm)= 0.66	ΔS=	0.28
Ev2 (kg/cm2) +	(0.75°D*Ao)/AS		1607			

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

Ev2/Ev1 = 1.0





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Zamalek, Cairo.

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تليفون + فاكس : ۲۷۳٦۷۲۳۱ - ۲۷۳٦۳۰۹۳



Consulting Engineering Bureau & Laboratories مكتب معامل الإستشارات الهندسية

TALL THE PART OF T

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date

: 17/01/2023

report date Location

: 18/01/2023

: Station 388+250 to 388+300

Test No.

Nonrepetitive Static Plate Load Tests of Soils DIN 18134

Data sheet

Loading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Diet 2	Settlement	Average	
112 2 300	Kg/cm2	Dial	mm	Dian 2	mm	Dial 3	mm	Average	
0	0.00	20.00	0.00	20.00	0.00	20.00	0.00	0.00	
1	0.42	19.82	0.18	19.83	0.17	19.83	0.17	0.17	
2	0.83	19.70	0.30	19.71	0.29	19.71	0.29	0.29	
3	1.25	19.58	0.42	19.51	0.49	19.57	0.43	0.45	
4	1.67	19.37	0.63	19.41	0.59	19.43	0.57	0.60	
5	2.08	19.25	0.75	19.28	0.72	19.32	0.68	0.72	
6	2.50	19.14	0.86	19.18	0.82	19.21	0.79	0.82	

Unloading Stage (1)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Diel 2	Settlement	Accessor	
coaumy	Kg/cm2	Dias	mm	Diai 2	mm	Dial 3	mm	Average	
1	2.50	19.14	0.86	19.18	0.82	19.21	0.79	0.82	
2	1.25	19,17	0.83	19.22	0.78	19.26	0.74	0.78	
3	0.625	19.21	0.79	19.26	0.74	19.41	0.59	0.71	
4	0.01	19.54	0.46	19.58	0.42	19.81	0.19	0.36	

Loading Stage (2)

Loading	Stress	Dial 1	Settlement	Dial 2	Settlement	Dial 3	Settlement	Augunga
	Kg/cm2	Diat 1	mm	Diai 2	mm	Diai 3	mm	Average
0	0.42	19.46	0.54	19.50	0.50	19.65	0.35	0.46
24	0.83	19.40	0.60	19,41	0.59	19.51	0.49	0.56
2	1.25	19,34	0.66	19.32	0.68	19.37	0.63	0.66
3	1.67	19,23	0.77	19.23	0.77	19.31	0.69	0.74
4	2.08	19.12	0.88	19.10	0.90	19.26	0.74	0.84
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#REF!

Signature \



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Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون + فاكس ، ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣



Consulting Engineering Bureau & Laboratories مكتب معامل الاستشارات الهندسية

Company Name

: dream Way Co.

Project

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date report date

: 17/01/2023 : 18/01/2023

Location

: Station 388+250 to 388+300

Test No.

Nonrepetitive Static Plate Load Tests of Soils



Loading (1)	0	-1	2	3	4	5	6
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1	7065
Stress (Kg/cm2)	0.00	0.42	0.83	1.25	1.67	2.08	2.50
Settlement (mm)	0.00	0.17	0.29	0.45	0.60	0.72	0.82

UnLoading (1)	1	2	3	4
Stage(Kg)	7065	3533	1768	0
Stress (Kg/cm2)	2.50	1.25	0.625	0.01
Settlement (mm)	0.82	0.78	0.71	0.36

D (mm) =	600	\$1 (mm)≃	0.27	\$2(mm)=	0.62	Δ3 =	0.35
Ev1 (kg/cm2) =	(0.75°D°∆o	WAS	1286			***************************************	

Loading (2)	0	1	2	3	4	5
Stage(Kg)	0	1186.92	2345.6	3532.5	4719.4	5878.1
Stress (Kg/cm2)	0.01	0.42	0.83	1.25	1.67	2.08
Settlement (mm)	0.36	0,45	0.56	0.66	0.74	0.84

			-	1		E	
D (mm) =	600	\$1 (mm)*	0.54	\$2(mm)=	0.76	Δ\$ =	0.22
Ev2 (kg/cm2) =	(0.75°D°Δσ)/ΔS	0	2045				

Ev1 = Modulus of deformation during the loading stage.

Ev2 = Modulus of deformation during the Reloading stage.

D = Plate diameter (mm)

Ds = The difference between 0.3 and 0.7 from the maximum loading (smax) (kg/cm²)

DS = Difference in settlements corresponding to 0.3 and 0.7 from the maximum loading (mm)

Ev2/Ev1 = 1.6



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Tel.& Fax: 27367231 - 27363093



٣ ش الملك الأفضل الزمالك - القاهرة

تليفون - هاكس - ۲۷۳٦۷۲۳۱ - ۲۷۳٦۳۹۳



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Contractor Company	New meand	19.0	La Little	100 mg		herigner	Company	Ţ,		SPECTR	HO HO	HCE KEES CON	SNIT, IUS	

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E E MORRITA (ELLA SPRES MANAGES SPRES	naitealila	adç	(ACT (DIN 18134)	Test Requirement	
			محاجر السيوي -العلمين	Supplier Name	
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2	E MOISUIA (C.TS-	36 TO Security of the security	OT 68.E81+88E 68.E81+88E 7.000+88E 7	OT 000+88E 26.V39 38.81.183E 26.V39	Of Dee Used See 1884.29 See 1884.000 TO See Used

L. (LEC.) del ytried britty third party lab (CEL) ...

2-Results report attached and acceptable with project specifications.

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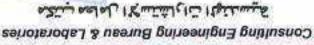
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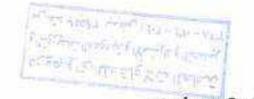
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: Electric Express Train, from Borg Al Arab to Alamein.







: dream Way Co.

Project Company Name

31/04/5053

Test Date

020+885 of 000+885 noissts : : 01/05/S0S3

Location report date

Test No.

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

Data sheet

110

65'6T

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68.0	26'0	80.91	66.0	10.01	97.0	19.24	1.25	2
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09 0	ZS'0	85.et	09.0	OF GT	86.0	79.61	1.25	3
98.0	96.0	69 GT	91/0	Þ5'6T	0.25	SC'ST	58.0	2
0.21	61.0	18.61	25.0	89'6I	0.41	68.61	0.42	J. J.
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79 0	99.0	19.34	17.0	19.29	85.0	75.61	68.0	ke
ÞZ.0	67.0	15.61	68.0	LT 61	09'0	09/61	1.25	2
C8.0	06.0	01.61	6.93	10.01	69.0	75.91	79.1	3
56.0 SWI	1705 86.0	Z0.6T	80.1	Z6 8I	£7.0	75,61	80.S	*

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هيسلنواا تاراشتسكا راماهه ببتكه

: dream Way Co.

. Electric Express Train, from Borg Al Arab to Alamein.

: Station 388+000 to 388+050

23/01/5053

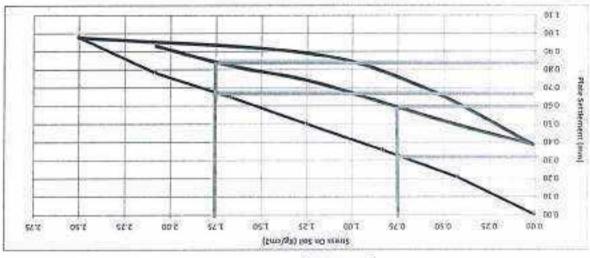
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Test Date Project Company Name

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DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



Settlement (mm)	96'0	68.0	14.0	65.0
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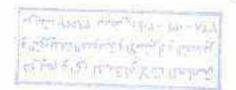
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: dream Way Co.

Сомрану Мате

: Electric Express Train, from Borg Al Arab to Alamein.

Test Date Project

01/02/2023 31/01/2023

Location steb frouger

001+886 of 020+886 noits)2 :

Test No.

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

Data sheet

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0+0	09'0	05.61	62.0	17.21	05.0	09'61	68.0	2
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67.0	18.0	6T'6T	69.0	TE-ST	ST.0	19,28	929.0	3					
14.0	Sp.0	85.91	01-0	09.61	04.0	09'61	10.0	Þ					

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99'0	\$9.0	98'6T	07.0	0E.91	29.0	BE 61	8.0	
08.0	67.0	15.61	78.0	51.61	S7.0	52.61	1.25	7
16.0	68.0	II.er	86.0	19.02	78.0	E1.91	79.1	3
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هیسدنوا تاراشتها از معم بتک



: Electric Express Train, from Borg Al Arab to Alamein. . dream Way Co.

: 34/04/5053

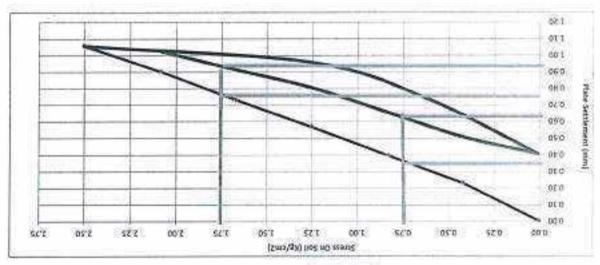
90: Station 388+050 to 388+100 steb hoger 04/05/5053 eted rest

ON 1501 поцезал

Project

Company Name

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



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gness (Kg/cm2) 2.	EL.	Settlement (mm)
	5.1	Stress (Kg/cm2)

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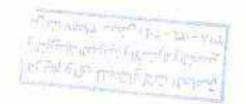
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: dream Way Co.

Company Name

34/04/2023 . Electric Express Train, from Borg Al Arab to Alamein,

steb froqen Test Date

Project

: Station 388+150 to 388+150 : 01/05/5053 госадов

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Jest No.

Data sheet

Nonrepetitive Static Plate Load Tests of Soils

Loading Stage (1) DIN 18134

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17.0	48.0	91.61	1/9.0	35,61	99'0	58.6I	1.25	7
62.0	06.0	19.10	87.0	52.61	27.0	19.28	5 90	1
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09.0	09.0	19:40	0.42	85'61	64.0	IS 61	78.F	tr
85.0	74.0	19.53	15.0	69'61	96.0	69'6T	1.25	3
0.30	86.0	59'61	0.30	19.70	62.0	56'61	68.0	2
21.0	0.21	19,79	81.0	19.82	\$1.0	19.88	0.42	1
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97.0	65.0	15 61	18.0	61/6T	66.0	19'61	88.0	35
99'0	72.0	£8'61	S9.0	8E.61	05.0	05'61	1.25	Z
69'0	07.0	19.30	92.0	52 6T	19.0	68.6I	49%	3
08.0	18.0	8T 6T	98.0	11.6I	27.0	82.61	2.08	7

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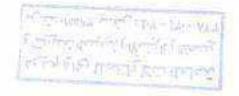
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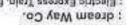


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: Electric Express Train, from Borg Al Arab to Alamein.

31/01/2023

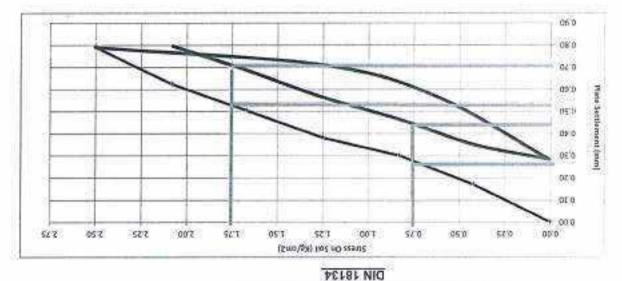
Station 388+100 to 388+150 - 01/05/2023

Project Сотралу Мате

Location atab mogan Test Date

Test No.

Nonrepetitive Static Plate Load Tests of Soils 20 :



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Data sheet

: Electric Express Train, from Borg Al Arab to Alamein. : dream Way Co.

Project Company Name

: 31/01/2023

eteb houes Test Date

: 01/05/5053

Location

: Station 388+150 to 388+200

Test No.

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils

S8.0	28.0	51.61	88.0	71.61	27.0	85.61	S 20	1.
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99.0	99'0	SV-6T	09.0	05:61	65.0	19.61	291	Þ
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28.0	88.0	21.61	S6.0	80.61	18.0	61.61	80.2	b

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Tel. & Fax: 27367231 - 27363093 Zamalck, Cairo. 3 El Malck El Afdal Street



Consulting Engineering Bureau & Laboratories

كيسلنهاا تارلشتسكا بالمامه ببتكه



: Electric Express Train, from Borg Al Arab to Alamein. : dream Way Co.

: 34/04/5053

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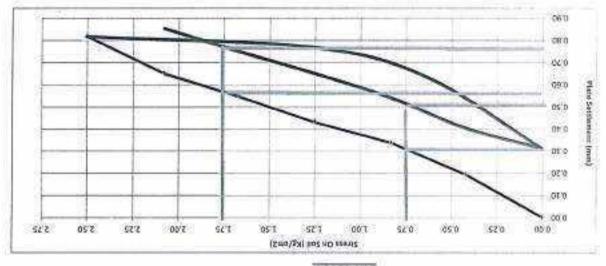
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1681 MO попелод

Project

Company Name

DIN 18134 Nonrepetitive Static Plate Load Tests of Soils



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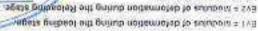
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D = Place diameter (mm)

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Settlement (mm) Stress (Kg/cm2)

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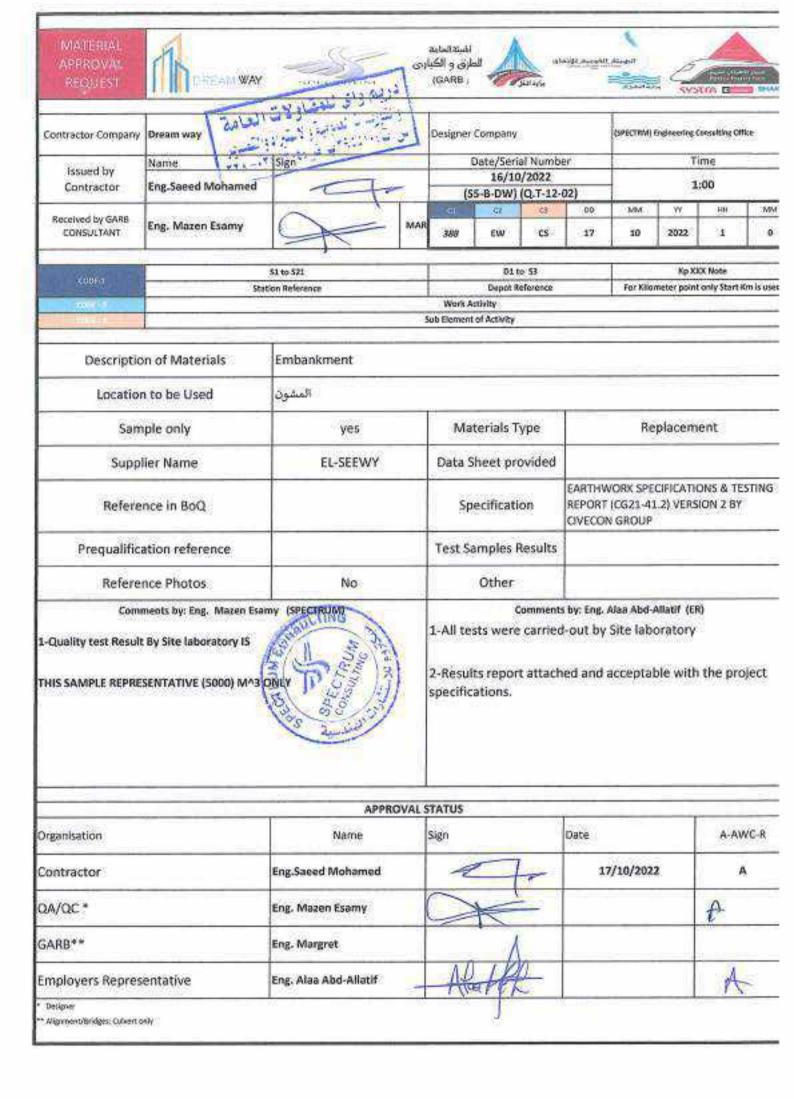
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тоэлдүдө-Гөэлүүү DLAGO - 612mg : 17777777 - 77-7777



Tel.& Fax: 2736723 - 27363093 Zamalek, Cairo. 3 El Malek El Aldal Street



Mame:

General Consultant Eng.



Electrical Express Train From Borg Alarab to Alameia From Station 388+000To Station 389+000

الهيئة الاومية لإنغاق

Signature:

GARP Eng.

Serial No. QT (1-2)

		مكثب أرد/ حماد ثبيل	PAYMATERIAN	17/ 10 /2022
		Material Inspection Requ	uest	
We request your attend	lance to inspect the following wo	orks :		
Discipline :	Cost/Stope Protection	☐ Strations	☐ Drainage ☐ Survey	
Location :	Zone		VOLUME	
Contractor	DREAM WA	Y	5000 M3	
References	Drawing: EET-BORG EL AI	RAB REV29 Plan Profile		arthworks Specifications ing Report
Purpose of the insper	Grade Ship Solina Content Ships	1 1 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2		
Attachments		15 TO 16 H 12 W	0 70	
t- Quality test report	soil Material	137	20 2	
Materials to be Inspect	ed Quality Test For Soil b	y site laboratory	_ #5 \:\ \	
Submitted by:	DREAM WA	No.	Signature:	عيالا
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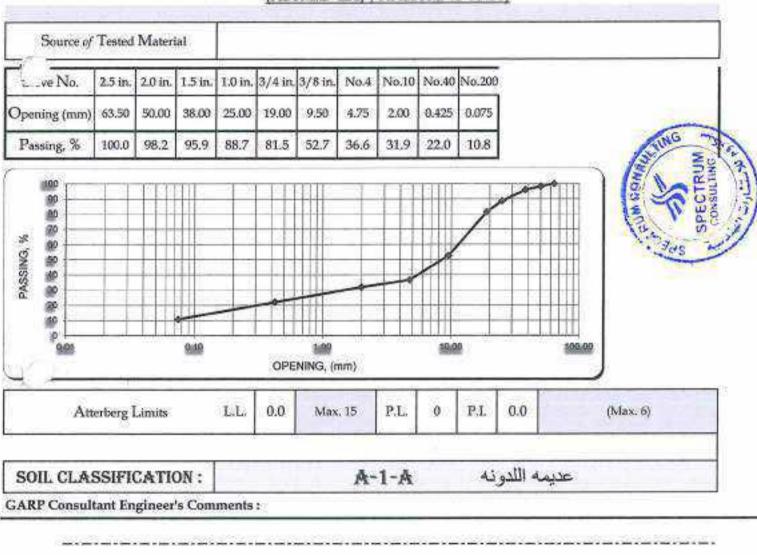


Electrical Express Train From Borg Al arab to Alamein

Company:	Dream Way	Sample No:	1	\exists
description:		Sample Date :	17/10/2022	٦
Station Represented :	توريدات المحجر	Report Date:	17/10/2022	٦

SOIL CLASSIFICATION / ATTERBERGS LIMITS

(ASTM:D-424//AASHTO:T-90-80)



Lab Contractor Eng. -

Spectrum Consultant Eng.:-











Electrical Express Train From BORG ALARP City to LAAMEIN

Laboratory Compaction Characteristics (Proctor) of Soil Sample

ASTM D 1557 - Method "C" 6 in. mold, 5 equal layers, each compacted by 56 blows Using 10 lbf, rammer dropped from 18 in. hight, Producing a compactive effort of 56000 ft-lbf/ft²

Sampling Date:16-10-2022

Testing Date:

16/10/2022

2225

Source of Soil

توريدات المحجر

Classification, according to AASHTO M145

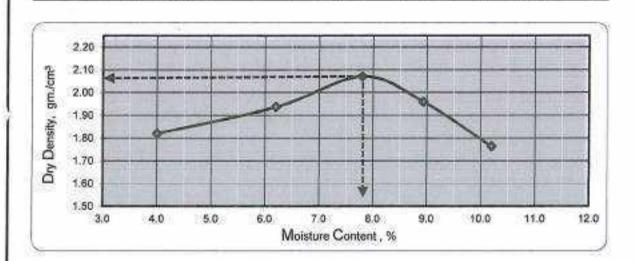
Weight of PROCTOR Mould, gm

A-1-a

Volume of PROCTOR Mould, cm3

Point No.	1	2	3	4	5
Weight of Soil + Mould, gm	10,576	10,941	11,332	11,113	10,68
Wet Density, gm/cm ²	1.893	2.057	2.232	2.134	1.54
Weight of Wet Soil Portion, gm	150.0	150.0	150.0	150.0	150.0
Weight after Drying, gm	144.0	140.7	138.3	136.6	134.7
Moisture Content, %	4.0	6.2	7.8	8.9	10.2
Dry Density, gm/cm ³	1.820	1.937	2.071	1.959	1.763

6365



Max. Dry Density =

2.071

gm./cm3

Optimum Moisture Content = 7.8%

CONSULTANT COMMENTS

Signature :-

spectrum Q.C Consultant Eng.:-

Name :

Signature :-











Electrical Express Train from BORG ALARP city to EL ALAMIN

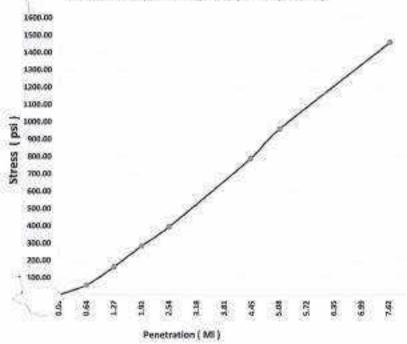
CBR (CALIFORNIA BEARING RATIO) of LABORATORY-COMPACTED SOILS Ref.: ASTM D 1883 & D 1557 -- AASHTO T-180 (Method D) & AASHTO T-193

3AMPLING DATE: 17/8/2022 TEST DATE: 20/10/2022 STATION تزيم وأي

DENSITY DETERMAINATION		MOISTURE CONT	Swall		
Proctor Density	2.071	Moisture Content %	7.8	Swell Percent %	0.7

Results of (65) Blows after Soaking for 4 days

PENETRATION vs. UNIT Load (STRESS) CURVE (65 blows)



Penetration (ml)	Penetration (in.)	Reading (.0.01 ml)	Stress (psi)	
0.000	0.000	0	0.00	
0.640	0.025	25	57.46	
1.270	0.050	50	162.77	
1.910	0.075	75	283.28	
2.640	0.100	100	394,38	
4.400	0.175	125	786.55	
5.080	0.200	150	958.08	
7.620	0.300	175	1458.06	

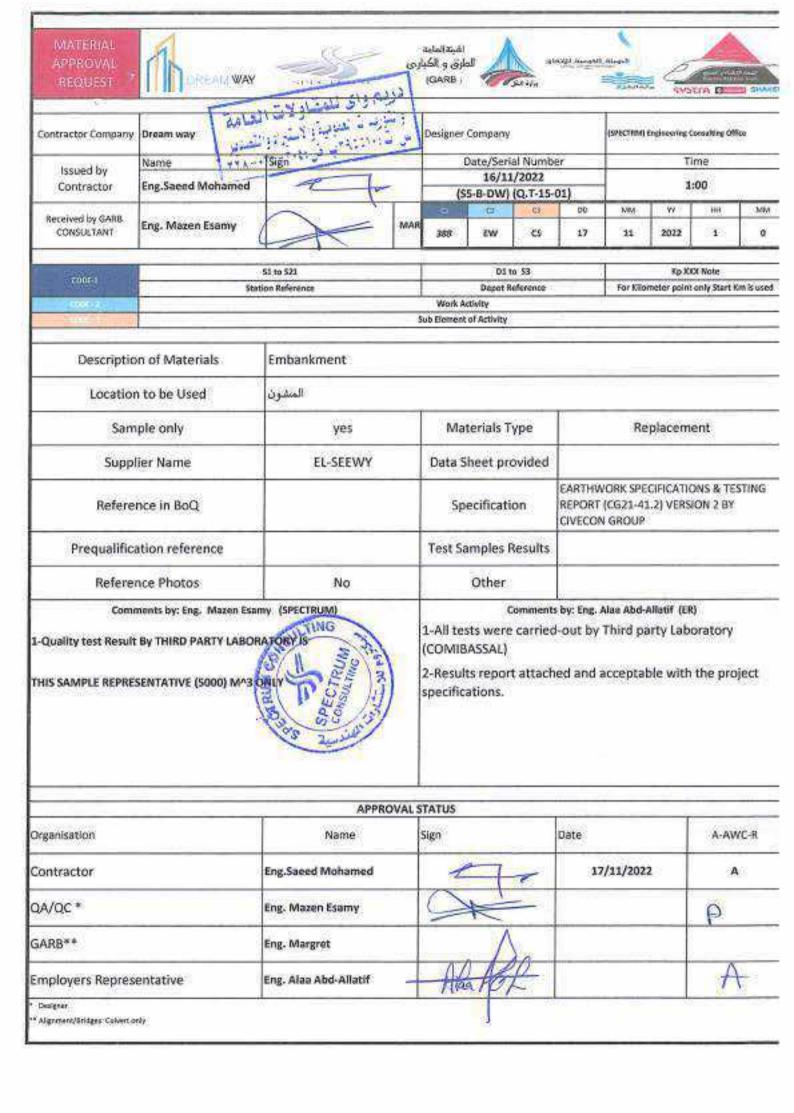
CBR , % at 0.1 in. Penetration	29.00	CBR : 96 at 0.2 in. Penetration	47.00
Corrected CBR , % at 0.1 in Penetration		Corrected CBR . % at 0.2 in Penetration	

C Lab contractor Eng.:

ame :-

عيدا الماسعا ول gnature :-

SGAC Q.C Consultant Eng. -





Electrical Express Train From Borg Alarab to Alamein From Station 388+000 To Station 389+000





			The second secon	
		مكتب (د) عماد تبيل	Same of the same	Date 17/11/20
		Material Inspection Re-	quest	
We request your atter	ndance to inspect the folk	owing works :		
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حاصلة على شهادة الأيزو ISO 9001:2015

Accredited by: Egyptian General Authority for Petroleum Under No.: 34/29.11.2011

قطاع التفتيش الداخلي والمعامل

منتمك لدى الهيئة المسرية العامة لليترول تحت رقم ٢٤/ ٢٩-٢١/١١

PARTICLE SIZE DISTRIBUTION ANALYSIS ASTM C136 & AASHTO T27- (Drving Samples)

PROJECT:

Electric Express Train

DATE: 17/11/2022

General Consultant :- SYSTRA

Consultant :- SPECTRUM

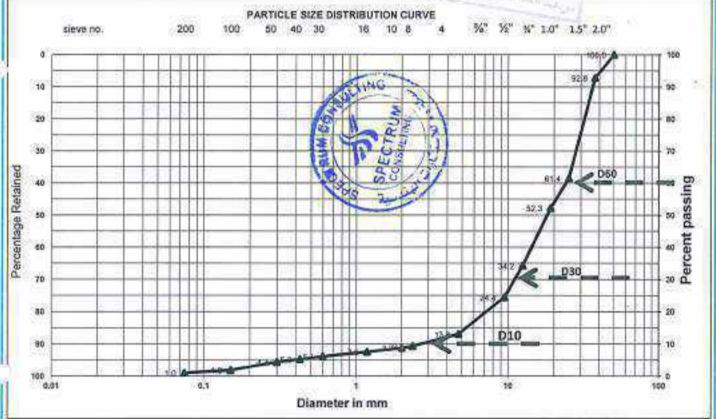
CONTRACTOR:

شركة دريم واي

Material / Sorce of Soil :-

Filling Soil.

LAB. REF. Q.C. 1728/1



CLAY and SILT (Fines) 1.0			SAND 12.0			VEL .0	COBBLES
SAMPLE No.	DEPTH (m) MOISTURE (%)	LL (%)	PI (%)	CLASS	ASS SOIL DESCRIPT	
Filling Soil.			26.0	1.8	A-1-a (0)	D-2-10-10-10-10-10-10-10-10-10-10-10-10-10-	raded Gravel (GW)
D10= 2.80	D30= 12. D60= 23.			8.21 2.24			
Remarks: Soil Classification:		CALSSIFICATION SYSTE	F-1	A-La (0) Well bred	Stone Fragme ed Gravel (1991, Gilliamen	amd Sand.

Tested By:

Mostfa

Checked By: Eng. Eman E. Kandil



الإدارة: • اش صفية زغلول - الأسكندرية ص - ب ١٥٧ CITYO-YAS - GHOLAMPERS - SEY-OYE 40safia zaghloul st .. p.o.Box 157 Alex, Egypt Tel:4870573 - Fax + Tel: 4869798 - 4870665





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الجمعية التعاونية الانتاجية لأعمال الوزن والمراجعة والخبرة الدولية (كومبيصل)

حاصلة على شهادة الأيزو 2008: 2008

Accredited by: Egyptian General Authority for Petroleum Under No.: 34/29.11.2011

قطاع التفتيش الداخلي والهمامل

معتمد لدى الهيئة المسرية العامة البترون تحت رقم ٢٤/ ٢٠١/١١٠٢

Report : Date

1728/2/Center 27/11/2022

Report Of Liquid limit and Plastic Limit Test ASTM- D 4318

General Consultant:

Consultant 1

Contractor :

Project

Date of Test :

Sample

SYSTRA

SPECTRUM

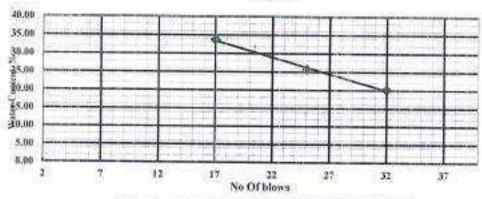
شركة دريم واي

Electric express train

Filling Soil

17/11/2022

Results



No. of blows	32	25	17
Wt. before drying	44.7	45.9	44
Wt. after drying	37.2	36.5	32.9
Water Content %	20.2	25.8	33.7

Wt. before drying Wt. after drying	5.7	5.3 4.3	5.9
Water Content %	23.9	23.3	25.5
(8). P.L =	23.9	23.3	

PI = (A-B) =

Civil. Eng Department

eman Eng. Eman. E. Kandil

الإدارة، • اش صفية زغلول - الأسكندرية ص - ب١٥٧ ENT-YOU - ENTAYAN - ENG. APVAPAL 40safia zaghloul st., p.o.Box 157 Alex, Egypt Tel:4870573 - Fax + Tel: 4869798 - 4870665





الجمعية التعاونية الأنتاجية لأعمال الوزن والراجعة والخبرة الدولية اكومبيسل

حاصلة على شهادة الأيزو ISO 9001:2008

Accredited by: Egyptian General Authority for Petroleum Under No.: 34/29.11.2011 Under No.: 34/29.11.2011

قطاع التفتيش الداخلى والهمامل

محتمد للدى الهيئة الصرية العامة للبترون تحت وقع ٢٤/ ١١/١١٠٣ ٢

Report No.

1728 - 3 - center

Date

27/11/2022

Proctor Test Report

ASTM - D 698

General consultant

Contractor

Project

Sample

Consultant

SYSTRA

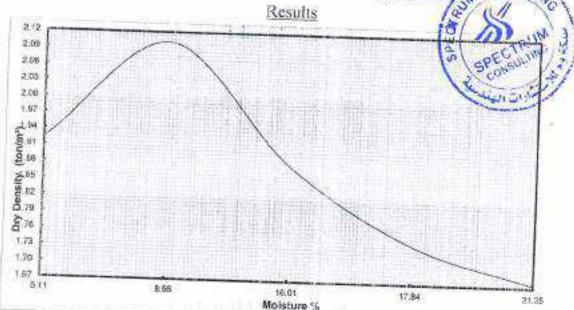
SPECTRUM

شركة دريم واى

Electric express train

Filling Soil 17/11/2022

Date of Test Ž.



The state of the s		and the second	110		-
moisture content (%)	5.11	8.56	16.01	17.84	21 22
Dry Density (ton/m³)	1.92	2.10	1.88	1.74	1.67
Max. Dry Density (ton/m3)			2.10		
optimum moisture cont. (%)	2140				

Nvil. Eng Department

eman

Eng : Eman. E. Kandil

الإدارة؛ • اش صفية زغلول- الأسكندرية ص - ب١٥٧ EAV-170 - EATAVAA - EAV-OVY - -40safia zaghloul st., p.o.Box 157 Alex, Egypt Tel:4870573 - Fax + Tel : 4869798 - 4870665





الجمعية التعاولية الأنتاجية لأعمال الوزن والمراجعة والخبرة الدولية (كومبيصل

حاصلة على شهادة الأيزو ISO 9001:2008

Accredited by: Egyptian General Authority for Petroleum Under No.: 34/29.11.2011

قطايج التفتيش الداخلي والممامل

معتمد لدى الهيئة المسرية العامة للبترول تحت رقع ٢٤/١١٠٢٩/٣٤ ٢٠

Report no :

1728 / 4 / center 27 / 11 / 2022

Report Of C.B.R TEST ASTM - D 1883

General Consultant:

Consultant : Contractor :

Project : Sample :

Date of Test :

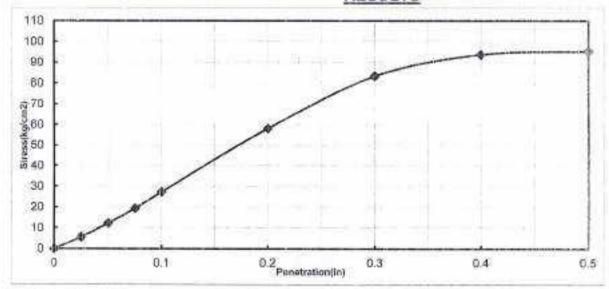
SYSTRA

SPECTRUM

شركة دريم واي

Electric express train

Filling Soil 21/11/2022 RESULTS



Penetration (Inch)	0	0.025	0.05	0.075	0.1	0.2	0.3	0.4
stress (1 st phase) (kg/cm²)	o	8.032	14.82	21.84	26.52	52	78.26	91.26
stress (2nd phase) (kg/cm²)	0	5.2	9.62	16.94	28.08	64.22	88.4	96.2
Average stress (kg/cm²)	0	5,616	12.22	19.3882	27.3	58.11	83.33	93.73

C.B.R = 55.0 %

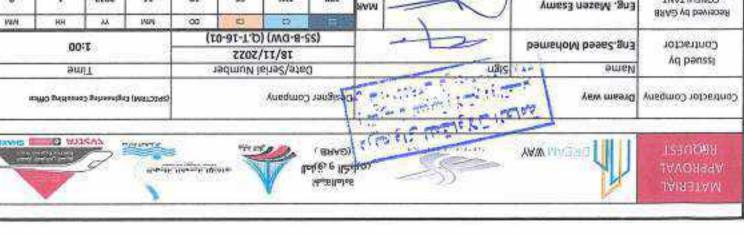
SOURCE ON THE PERSON OF THE PE

Civil Eng.Department.

Eng : Eman E. Kandil

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GARB**

→ 20/40

Contractor

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Employers Representative

THIS SAMPLE REPRESENTATIVE (5000) MAS ONLY

Reference Photos

DNI 2 VADTAROBAL YTRAG GRIHT V8 Siuses 32est yilleuD-L

Comments by: Eng. Mazen Esamy (SPECTRUM)

Eng. Alsa Abd-Allatif

Eng. Mazen Esamy

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specifications,

(COMIBASSAL)

Other

SUTATS JAVOR99A

J

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A-AWC-R

19/11/2022

Date

2-Results report attached and acceptable with the project

Comments by: Eng. Also Abd-Allatif (ER)

I-All tests were carried-out by Third party Laboratory

Eng. Margret

	General Consultant Eng.	.gn3 48Aə	
Semen		Signatures	
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فطاع التغتيش الداغاس والهمامل

DATE: 19/11/2022

ここであれていいいい بالميسيلا كمالما كميساء كشوار تدما معتمد

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Accredited by: Egypyish General Authority for Petroleum F105.11.95\AS Solder No. 34\29.11.95\L Under No. 34/29.11,2011

ASTM C136 & AASHTO T27- (Drving Samples) PARTICLE SIZE DISTRIBUTION ANALYSIS

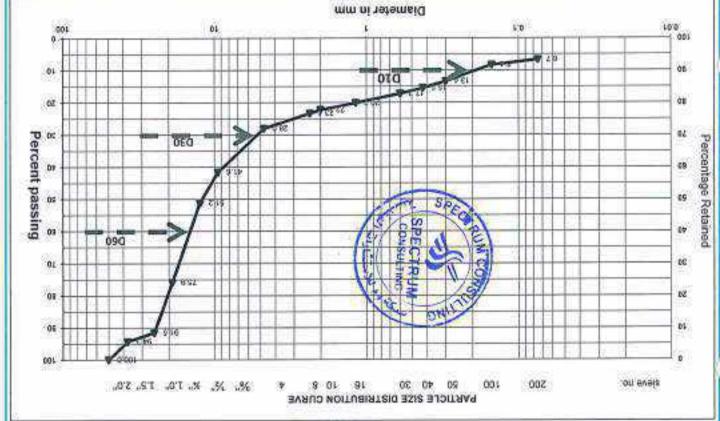
Electric Express Train

Consultant :- SPECTRUM Ceneral Consultant :- SYSTRA

عد كه دريم واي CONTRACTOR:

PROJECT:

Filling Soil. Material / Sorce of Soil :-A CONTRACTOR LAB. REF. Q.C. 1729/1



cested By:			SIEICVLION SASLE	ZA J-n	Poorly gra	Stone Fragme ded GRAVI Eng. Eman	e2 dříw J3	CN22-1-2-20
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Filling Soil.				0.72	7.7	(0) n-1-A	179667134	Sand (GP)
SVMBPE AC	рертн	0	(%) MOISTORE (%)	(%) 77	(%) Id	CLASS		SCRIPTION
L'9	3		4.12			7.5	0.	
CLAY and SI	LT (Fines)		INVS	(CKY	AET	COBBLES

49 EL Horrie Ave -Alex:Egypl Tel: 3920176 - 3931482 - Fax 3900476 HEALT - LAST - SASTAPT - BALLYST - PT

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E-mail: Internal-inspection@combassal.com





Tel:4870573 - Fax + Tel - 4869798 - 4870665 40safia zaghloul st., p.o.Box 157 Alex, Egypt CLITYD-YAS - EHCLIAPYPEAS - OFFITAS الإدارة، وعلى مستهد إغلول الاسكندرية على - ب ١٥١

المجمعية التعاوية الخلالجية لا عمال الهول و المراجعة و المعلية المدولية (كومبهمل)

العالع الثفتيش العاغاس وللعامل

راي تريا المرابعة المرابعة المناوال عنا المترول 14/11/11-7 (14/ 14/ 14 مناي تتمين

SOOS: ٢٥٥٩ ين الانتابية الد كالماء

Accredited by: General Authority for Petroleum: 1105-11-25/45 on tabut

1229/2/Cepper



Date

Report Of Liquid limit and Plastic Limit Test 815.4 G-MTSA

OTCL A WICK

VALLSAS

SPECTRUM.

24.25 4.29 2.21

Electric express train

Haz gailling

19/11/2022

Ceneral Consultant:

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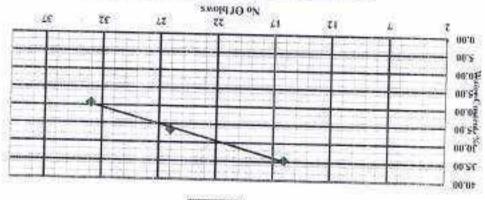
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Project :

Sample

Date of Test:

Results





n wold to J.J. (A)	%0.7 <u>S</u>		
Water Content %	19.3	26.6	34.7
Wr. after drying	8.75	p.8c	32.3
Wr. before drying	1.34	8.44	43.5
ewold to .ov	33	9Z	91

ALTER AN	24.8%		= Td (8)
9.82	25.5	23.4	Water Content %
£.4.	T.A	L't	Wt. after drying
5.6	6.8	8.8	Wt. before drying

Eng Eman. E. Kandill

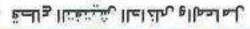
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E-mail: Internal - Inspection@comibassal.com

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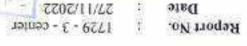
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الجمعية اللعاولية الأثنا جية لا عمال الوزن و للواجعة و الخبرة الدولية (كوميبعمل)



SOOS:1009 OSI وينياه كارش لك كاساك Accredited by:

راع يمير الاعلام المعلمة المنتجاد وما ملعتمه 19/11/11-7 (17 وهناي نتجيّ Egyptian General Authority for petroleum Under No.: 34/29,11,2017



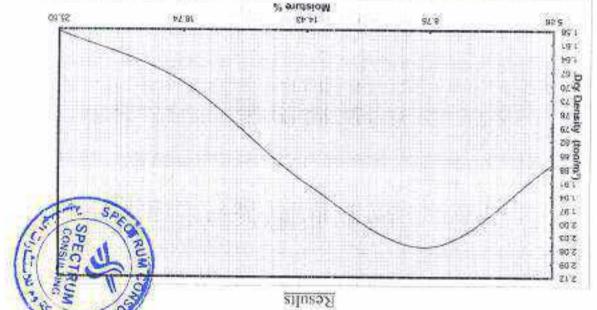
Proctor Test Report ASTM - D 698

General consultant : SYSTRA
Consultant : SPECTRUM

Project : Electric express train

Sample : Filling Soil

Date of Test : 19/11/2022



\$7.8					optimum moisture cont. (%)	
- CALLED		2.05			fax. Dry Density (ton/m²)	
88.1	69.1	16.1	2.05	78.1	Dry Density (ton/m3)	
25.50	PL'81	14.43	SL'8	98.5	(%) lastaos exultiora	

Civil. Eng Department

Comdin Bing: Eman. E. Kandil

الأسكار الحالية الإسكان الإسكان الإسكان المسر أما ((۱۳۵۲ - ۱۳۵۲ - ۱۳۵۲ - ۱۳۹۲ - ۱۳۹۲ - ۱۳۹۲ - ۱۳۹۲ - ۱۹



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الجمعية التماولية الأنتاجية لأعمال الورق والمراجعة والخبرة الدولية (كومبيصل)

SO 9001:2008 يَانِي الدائلي الدائلي إلى الدوااع الدوااع الدوااع الدوائلي (SO 9001:2008 الدوائل الدوائلية
Accredited by: الارتام General Authority for Petroleum الارتام الاستان الاس

1729 / 4 / center 27 / 11 / 2022 Report no :

Report Of C.B.R TEST ASTM - D 1883

SYSTRA SPECTRUM Sestument

Electric express train

Hoz gailling

23/11/2022

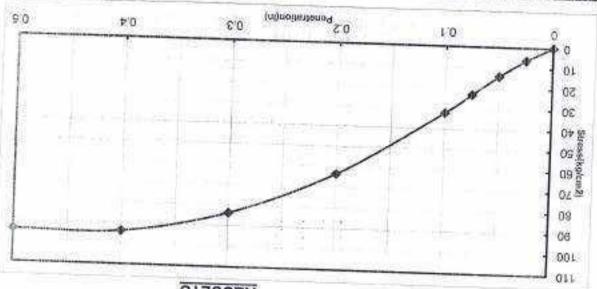
General Consultant:

Consultant

Project

Sample Date of Test

RESULTS

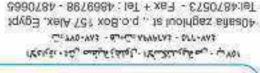


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Civil Eng. Department.

Eng : Eman E. Kandil





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49 EL Homa Ave --Alex:Egypt 371098: 397046 - 391087 - Fax: 3900476 moo.lessedimos@noitoeqani - lemetri: lism-3

