

بيان أعمال
مستخلص جاري رقم (2) عن الفترة من بداية العمل حتى 2023/11/15

الرائد للاستشارات الهندسية

القطر الكهربى المربع (٦ أكتوبر / ابوسمبل)

التوقيع / [Signature]

[Stamp: الختم الخاص بـ...]

الاتفاق للمقاولات

٢٧ - ٥١ - ٨٤



حصري لكميات الردم المنفذة لمكتب الاندلس (محمد نجيب محمد) مستخلص جاري (2)

مشروع القطار الكهربائي السريع القطاع الثالث منفلوط / جرجا

اسم المشروع /

الهيئة العامة للطرق والكباري

المالك /

مكتب الدولية للمساحة والخرائط

استشاري المساحة /

مكتب الراشد للاستشارات الهندسية

استشاري المشروع /

مكتب الاندلس (محمد نجيب محمد)

الشركة المنفذة /

بند رقم (1-3) : أعمال تحميل وتوريد ونقل أترية مطابقة للمواصفات وتشغيلها باستخدام آلات التسوية بسمك لا يزيد عن 50 سم حتى منسوب (2- متر) اسفل منسوب الفرمة و بسمك لا يزيد عن 25 سم اعلي من منسوب (-2 متر) من منسوب الفرمةالخ

Station	Total FILL Area (m2)	Gum. FILL Vol (m3)	AS-BUILT .QTY(M3)	
			QTY (M3)	Total.Qty(M3)
464+400.00	42.79	534.92	534.92	12,436.01
464+425.00	71.4	1,962.37	1,427.45	
464+450.00	92.56	4,011.84	2,049.47	
464+475.00	89.72	6,290.32	2,278.48	
464+500.00	71.84	8,309.82	2,019.50	
464+525.00	55.65	9,903.37	1,593.55	
464+550.00	39.09	11,087.52	1,184.15	
464+575.00	34.4	12,006.05	918.53	
464+600.00	0	12,436.01	429.96	
464+650.00	21.9	12,709.75	273.74	7,027.03
464+675.00	15.38	13,175.78	466.03	
464+700.00	8.49	13,474.20	298.42	
464+725.00	19.78	13,827.63	353.43	
464+750.00	23.9	14,373.68	546.05	
464+775.00	15.79	14,869.82	496.14	
464+800.00	20.09	15,318.30	448.48	
464+825.00	19.86	15,817.62	499.32	
464+850.00	18.49	16,296.90	479.28	
464+875.00	15.12	16,716.95	420.05	
464+900.00	9.25	17,021.54	304.59	
464+925.00	3.19	17,177.09	155.55	
464+950.00	10.26	17,345.23	168.14	
464+975.00	8.93	17,585.06	239.83	
465+000.00	7.56	17,791.22	206.16	
465+025.00	9.36	18,002.72	211.50	
465+050.00	7.25	18,210.29	207.57	
465+075.00	10.09	18,426.97	216.68	
465+100.00	6.59	18,635.45	208.48	
465+125.00	7.34	18,809.58	174.13	
465+150.00	7.22	18,991.57	181.99	
465+175.00	6.62	19,164.51	172.94	
465+200.00	5.25	19,312.79	148.28	
465+225.00	3.32	19,405.87	93.08	
465+250.00	1.19	19,448.20	42.33	
465+275.00	0	19,463.04	14.84	

مكتب الراشد للاستشارات الهندسية
القطاع الثالث منفلوط / جرجا

مكتب الدولية للمساحة والخرائط
El Dawila For Surveying and Mapping
مهندس محمد نجيب محمد

الاندلس للمقاولات
س ت ٦٦٧٢١
ب ش ٢٧٤ - ٥١ - ٤٠٠
د ش ١٠٣ - ١٠٤ - ١٠٥ - ١٠٦ - ١٠٧ - ١٠٨ - ١٠٩ - ١١٠ - ١١١ - ١١٢ - ١١٣ - ١١٤ - ١١٥ - ١١٦ - ١١٧ - ١١٨ - ١١٩ - ١٢٠



حصر جاري لكميات الردم المنفذة لمكتب الاندلس (محمد نجيب محمد) مستخلص جاري (2)

اسم المشروع /	مشروع القطر الكهربائي السريع القطاع الثالث منفلوط / جرجا
المالك /	الهيئة العامة للطرق والكباري
استشاري المساحة /	مكتب الدولية للمساحة والخرائط
استشاري المشروع /	مكتب الراءد للاستشارات الهندسية
الشركة المنفذة /	مكتب الاندلس (محمد نجيب محمد)

بند رقم (1-3) : أعمال تحميل وتوريد ونقل أتربة مطابقة للمواصفات وتشغيلها باستخدام آلات التسوية بسمك لا يزيد عن 50 سم حتى منسوب (2- متر) اسفل منسوب الفرمة و بسمك لا يزيد عن 25سم اعلي من منسوب (2- متر) من منسوب الفرمةالخ

Station	Total FILL Area	Cum. FILL Vol	AS-BUILT .QTY(M3)
465+500.00	0.68	19,471.50	8.46
465+525.00	3.72	19,526.50	55.00
465+550.00	3.26	19,613.85	87.35
465+575.00	7.67	19,750.51	136.66
465+600.00	9.68	19,967.31	216.80
465+625.00	9.38	20,205.44	238.13
465+650.00	19.17	20,562.25	356.81
465+675.00	18.51	21,033.24	470.99
465+700.00	22.29	21,543.25	510.01
465+725.00	28.94	22,183.58	640.33
465+750.00	37.96	23,019.75	836.17
465+775.00	35.84	23,942.21	922.46
465+800.00	52.5	25,046.40	1,104.19
465+825.00	62.14	26,479.37	1,432.97
465+850.00	59.32	27,997.64	1,518.27
465+875.00	55.59	29,433.99	1,436.35
465+900.00	61.02	30,891.61	1,457.62
465+925.00	60.27	32,407.74	1,516.13
465+950.00	61.6	33,931.14	1,523.40
465+975.00	64.05	35,501.82	1,570.68
466+000.00	80.17	37,304.52	1,802.70
466+025.00	65.13	39,120.66	1,816.14
466+050.00	68.85	40,795.36	1,674.70
466+075.00	57.52	42,375.01	1,579.65
466+100.00	41.28	43,610.01	1,235.00
466+125.00	2.56	44,158.03	548.02
466+150.00	0.34	44,194.30	36.27
466+175.00	0.71	44,207.39	13.09
466+200.00	8.31	44,320.13	112.74
466+225.00	20	44,674.06	353.93
466+250.00	30.27	45,177.45	503.39
466+275.00	21.06	45,694.05	516.60
466+300.00	3.18	45,997.09	303.04
466+325.00	0.6	46,044.34	47.25

26,581.30

الراءد
للإستشارات الهندسية
القطاع الثالث - كم مسط من منفلوط حتى جرجا

مكتب
El Dawlia For Surveying & maps
الهندسة | مقاييس شبيبي الهندسية سابق

الاندلس للمقاولات
ب ت ٦٦٧٢١
٢٧٤ - ٠٥١ - ٢٠٠
د ت ١٠٠ - ٠٠٠ - ٠٨٣٥٤ - ٠١٠ - ٠٠٠



حصر جاري لكميات الردم المنفذة لمكتب الاندلس (محمد نجيب محمد) مستخلص جاري (2)

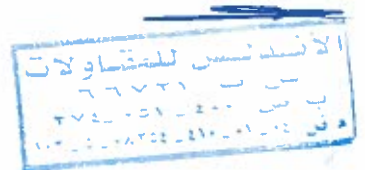
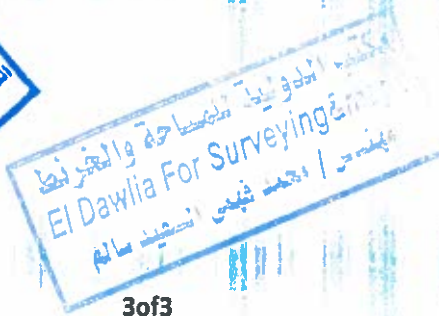
اسم المشروع /	مشروع القطار الكهربائي السريع القطاع الثالث منفلوط / جرجا
المالك /	الهيئة العامة للطرق والكباري
استشاري المساحة /	مكتب الدولية للمساحة والخرائط
استشاري المشروع /	مكتب الرائد للاستشارات الهندسية
الشركة المنفذة /	مكتب الاندلس (محمد نجيب محمد)

بند رقم (1-3) : أعمال تحميل وتوريد ونقل أتربة مطابقة للمواصفات وتشغيلها باستخدام آلات التسوية بسمك لا يزيد عن 50 سم حتى منسوب (2- متر) اسفل منسوب الفرمة و بسمك لا يزيد عن 25 سم اعلي من منسوب (2- متر) من منسوب الفرمةالخ

Station	Total FILL Area	Cum. FILL Vol	AS-BUILT .QTY(M3)
467+775.00	1.31	46,044.34	0.00
467+800.00	10.58	46,192.96	148.62
467+825.00	23.44	46,618.17	425.21
467+850.00	13.72	47,082.64	464.47
467+875.00	17.84	47,477.15	394.51
467+900.00	11.79	47,847.55	370.40
467+925.00	27.18	48,334.68	487.13
467+950.00	22.09	48,950.57	615.89
467+975.00	31.27	49,617.55	666.98
468+000.00	17.22	50,223.66	606.11
468+025.00	5.55	50,508.31	284.65
468+050.00	0	50,577.67	69.36
468+075.00	15.66	50,773.41	195.74
468+100.00	6.57	51,051.32	277.91
468+125.00	18.74	51,367.76	316.44
468+150.00	37.89	52,075.69	707.93
468+175.00	45.23	53,114.69	1,039.00
468+200.00	22.36	53,959.55	844.86
468+225.00	0	54,239.08	279.53

8,194.74

54,239.08	اجمالي كمية الردم (متر مكعب)
4,696.37	كمية حصر جاري 1
4,500.00	الكمية المنصرفة لجاري 1
49,739.08	مستحق جاري 2
	مهندس الشركة
	مهندس المكتب الفني (مكتب الدولية)
	مهندس المكتب الفني (مكتب الرائد)
	مدير المشروع (مكتب الرائد)
	مهندس الاشراف (هيئة الطرق والكباري)





وتسوية السطح بآلات التسوية والرش بالمياه الأصولية الخ

الشركة المنفذة

Station	Total CUT Area (m2)	Cum. CUT Vol (m3)	AS-BUILT CUT VOL	
			QTY (M3)	Total.Qty
466+325.00	53.67	0.00	0.00	95,040.71
466+350.00	40.18	1,173.12	1,173.12	
466+375.00	49.09	2,288.94	1,115.82	
466+400.00	59.15	3,641.85	1,352.91	
466+425.00	32.08	4,782.09	1,140.24	
466+450.00	61.95	5,957.46	1,175.37	
466+475.00	76.11	7,683.23	1,725.77	
466+500.00	88.22	9,737.24	2,054.01	
466+525.00	106.39	12,169.74	2,432.50	
466+550.00	118.55	14,981.43	2,811.69	
466+575.00	110.87	17,849.15	2,867.72	
466+600.00	113.98	20,659.75	2,810.60	
466+625.00	126.59	23,666.82	3,007.07	
466+650.00	108.98	26,611.47	2,944.65	
466+675.00	100.78	29,233.54	2,622.07	
466+700.00	65.86	31,316.54	2,083.00	
466+725.00	65.72	32,961.23	1,644.69	
466+750.00	73.29	34,698.81	1,737.58	
466+775.00	51.47	36,258.34	1,559.53	
466+800.00	40.01	37,401.84	1,143.50	
466+825.00	41.86	38,425.26	1,023.42	
466+850.00	110.98	41,312.48	2,887.22	
466+875.00	130.61	44,332.46	3,019.98	
466+900.00	102.09	47,241.32	2,908.86	
466+925.00	126.94	50,104.21	2,862.89	
466+950.00	116.78	53,150.70	3,046.49	
466+975.00	73.25	55,526.06	2,375.36	
467+000.00	71.64	57,337.16	1,811.10	
467+025.00	73.02	59,145.45	1,808.29	
467+050.00	104.22	61,360.96	2,215.51	
467+075.00	114.57	64,095.85	2,734.89	
467+100.00	85.48	66,596.44	2,500.59	
467+125.00	96.75	68,874.28	2,277.84	
467+150.00	87.14	71,172.89	2,298.61	
467+175.00	90.59	73,394.45	2,221.56	
467+200.00	74.45	75,457.47	2,063.02	
467+225.00	56.17	77,090.32	1,632.85	
467+250.00	45.41	78,360.08	1,269.76	

95,040.71

المصباحية والمراقبة

El Dawlia For SURVEILLANCE

مكتب المصباحية والمراقبة

الأندلس للمقاولات
سجل تجاري ٦٦٧٢١
بشمار ٢٧٤٠٥١
وقد تم تأسيسه في ١٠/٠٩/١٩٨٢



حصري لكميات القطع في تربة متماسكة المنفذة لمكتب الاندلس (محمد نجيب محمد) مستخلص جاري (2)

مشروع القطار الكهربائي السريع القطاع الثالث منفوط / جرجا

الهيئة العامة للطرق والكباري

مكتب الدولية للمباني والخرائط

مكتب الرائد للاستشارات الهندسية

مكتب الاندلس (محمد نجيب محمد)

اسم المشروع /

المالك /

استشاري المساحة /

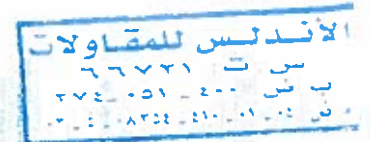
استشاري المشروع /

الشركة المنفذة /

بند رقم (2-2) : اعمال حفر باستخدام المعدات الميكانيكية في التربة المتماسكة عدا التربة الصخرية (باستخدام البلدوزر) وتسوية السطح بالآلات التسوية والرش بالمياه الاصولية الخ

حصري بتاريخ 4 مايو 2023

	Total CUT Area	Cum. CUT Vol	AS-BUILT CUT VOL
467+275.00	35.48	79,371.16	1,011.08
467+300.00	47.7	80,410.94	1,039.78
467+325.00	38.88	81,493.17	1,082.23
467+350.00	55.62	82,674.59	1,181.22
467+375.00	79.11	84,358.58	1,684.19
467+400.00	83.94	86,396.78	2,038.20
467+425.00	59.48	88,189.59	1,792.81
467+450.00	62.47	89,713.96	1,524.37
467+475.00	67.32	91,336.34	1,622.38
467+500.00	66.43	93,008.28	1,671.94
467+525.00	41.15	94,353.05	1,344.77
467+550.00	6.93	94,954.07	601.02
467+575.00	0	95,040.71	86.64
	95,040.71		اجمالي كمية قطع التربة المتماسكة (متر مكعب)
	33,008.74		اجمالي كمية حصري جاري 1
	28,000.00		منصرف جاري 1
	67,040.71		مستحق جاري 2
			مهندس الشركة
			مهندس المكتب الفني (مكتب الدولية)
			مهندس المكتب الفني (مكتب الرائد)
			مدير المشروع (مكتب الرائد)
			مهندس الاشراف (هيئة الطرق والكباري)





حصر جاري لكميات الاحلال المنفذة لمكتب الاندلس (محمد نجيب محمد) مستخلص جاري (2)

مشروع القطار الكهربائي السريع القطاع الثالث منفلووط / جرجا

الهيئة العامة للطرق والكباري

مكتب الدولية للمساحة والخرائط

مكتب الراشد للاستشارات الهندسية

مكتب الاندلس (محمد نجيب محمد)

بند رقم (1-4) : أعمال حفر باستخدام المعدات الميكانيكية في السفو وتسوية السطح بالآلات التسوية الخ

اسم المشروع /

المالك /

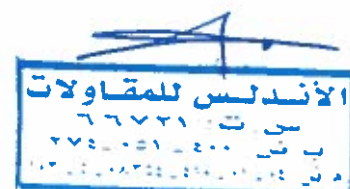
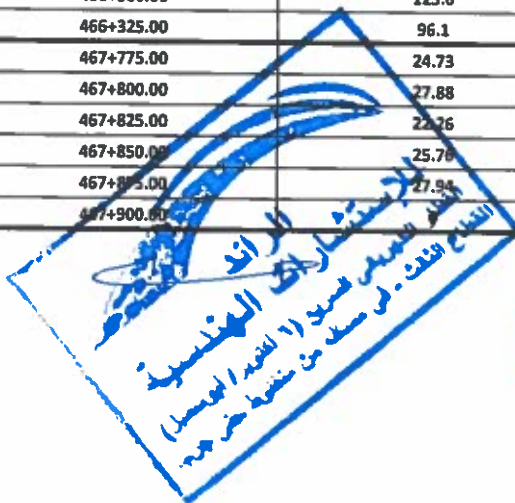
استشاري المساحة /

استشاري المشروع /

الشركة المنفذة /

حصر جاري لكميات

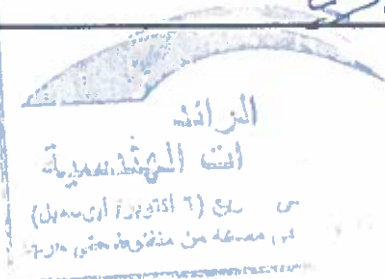
Station	Total CUT Area (m2)	Cum. CUT Vol (m3)	AS-BUILT CUT VOL	
			Qty (M3)	Total Qty
465+025.00	75.89	1,778.52	1,778.52	25,902.79
465+050.00	71.41	3619.67	1,841.15	
465+075.00	77.76	5484.3	1,864.63	
465+100.00	74.37	7386.01	1,901.71	
465+125.00	76.41	9270.84	1,884.83	
465+150.00	69.73	11097.67	1,826.83	
465+175.00	70.23	12847.16	1,749.49	
465+200.00	71.5	14618.79	1,771.63	
465+225.00	70.56	16394.55	1,775.76	
465+250.00	74.31	18205.35	1,810.80	
465+275.00	4.1	19185.46	980.11	
465+300.00	25.23	19552.05	366.59	
465+325.00	81.81	20889.95	1,337.90	
465+350.00	80	22912.47	2,022.52	
465+375.00	79.61	24907.6	1,995.13	
465+400.00	0	25902.79	995.19	
465+525.00	30.74	26287.03	384.24	8,787.79
465+550.00	21.91	26945.2	658.17	
465+575.00	21.61	27489.26	544.06	
465+600.00	22.19	28036.75	547.49	
465+625.00	14.04	28489.58	452.83	
465+650.00	21.47	28933.47	443.89	
465+675.00	26.12	29528.4	594.93	
465+700.00	24.55	30161.83	633.43	
465+725.00	26.51	30800.12	638.29	
465+750.00	31.23	31521.87	721.75	
465+775.00	23.06	32200.45	678.58	
465+800.00	32.08	32889.69	689.24	
465+825.00	32.56	33697.67	807.98	
465+850.00	23.44	34397.6	699.93	
465+875.00	0	34690.58	292.98	
466+125.00	40.4	35195.58	505.00	19,409.55
466+150.00	57.09	36414.25	1,218.67	
466+175.00	61.18	37892.71	1,478.46	
466+200.00	83.1	39696.23	1,803.52	
466+225.00	109.32	42101.47	2,405.24	
466+250.00	118.99	44955.33	2,853.86	
466+275.00	134.65	48125.77	3,170.44	
466+300.00	123.6	51353.87	3,228.10	
466+325.00	96.1	54100.13	2,746.26	
467+775.00	24.73	54100.13	0.00	2,905.27
467+800.00	27.88	54757.77	657.64	
467+825.00	22.26	55384.54	626.77	
467+850.00	25.78	55984.81	600.27	
467+875.00	27.94	56656.11	671.30	
467+900.00		57005.4	349.29	





الشركة المنفذة /

مجلس المقاولات





Electric Express Train - HSR
From october to Aswan

**OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)**



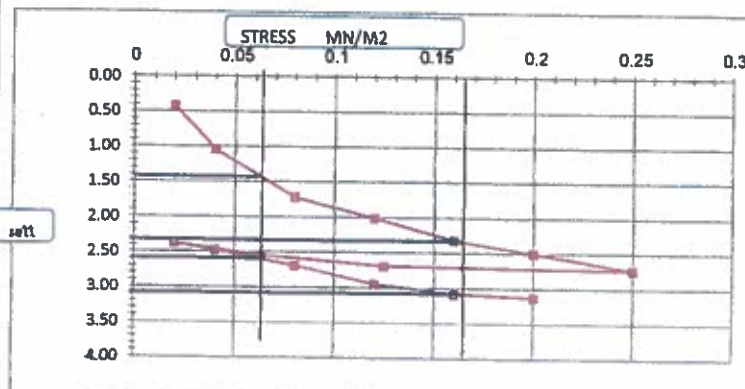
El-RAEID
رأى للاستشارات الهندسية
El-RAEID CONSULTANTS

Request no.:	From	466+200	to	466+325	DATE	20/8/2023
Description :	قاع واحة مغللت مطبخ					LAB No: 1
Name Company	الأندلس					

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	19.10	19.58	0.00
0.020	17.5	18.72	19.13	0.42
0.040	35	18.11	18.50	1.04
0.080	69.9	17.31	17.94	1.72
0.120	104.8	16.97	17.71	2.00
0.160	139.9	16.64	17.42	2.31
0.200	174.8	16.40	17.31	2.49
0.250	218.5	16.17	17.06	2.73
0.125	109.3	16.20	17.11	2.69
0.0625	54.6	16.34	17.26	2.54
0.020	17.5	16.65	17.29	2.37
0.040	35	16.54	17.21	2.47
0.080	69.9	16.38	16.94	2.68
0.120	104.8	16.00	16.80	2.94
0.160	139.9	15.90	16.64	3.07
0.200	174.8	15.84	16.61	3.12

0.02	0.42
0.04	1.04
0.08	1.72
0.12	2.00
0.16	2.31
0.2	2.49
0.25	2.73
0.125	2.69
0.0625	2.54
0.02	2.37
0.04	2.47
0.08	2.68
0.120	2.94
0.16	3.07
0.2	3.12



	s
0.7 σ=	0.175 2.31
0.3σ=	0.075 1.43
0.7 σ2=	0.175 3.09
0.3σ2=	0.075 2.58

Ev1=	45.3 Mn/m2
Ev2=	89.1 Mn/m2

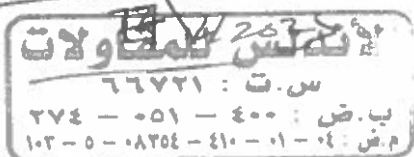
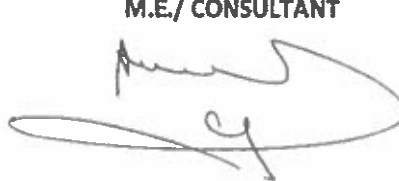
Ev2/Ev1= 2.0

M.E./CONTRACTOR

الأندلس للمقاولات
ب.ت ٦٦٧٢١
ب.ش ٢٧٤-٠٥١-٤٠٠
ب.ش ١٠٣-٠٠٠-٨٣٥٤-٤١٠-٠١-٠٠

M.E./CONSULTANT

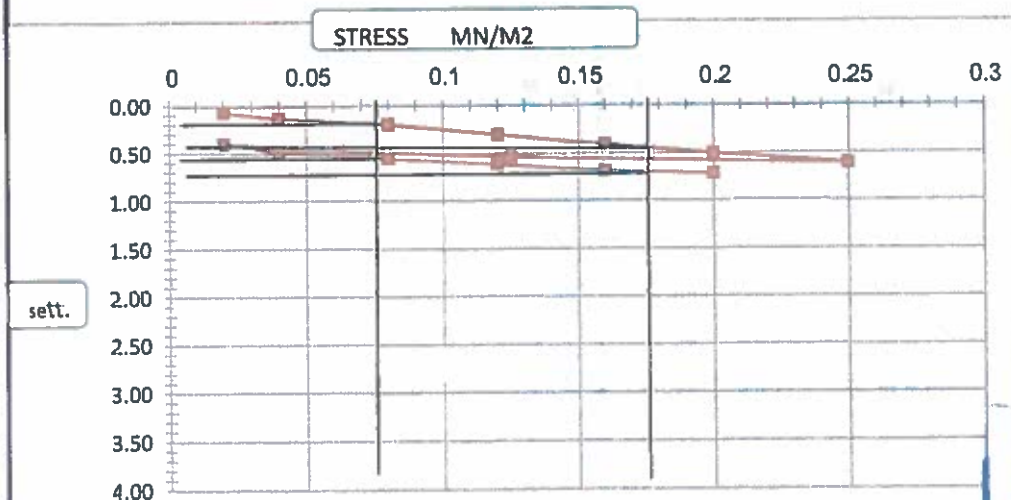
رأى للاستشارات الهندسية
انقطاع الترخيص السريع (٦ أكتوبر/ أوبسبل)
الاستلام الثالث - في منطقة من منطقة هتي جوبا

 Employer Consultant  Contractor		Electric Express Train - HSR					
		OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION Three (MANFALOT-GERGA)				Request No:- Date: 27 / 2 / 2023	
Request no.:		From	464+300	464+425	Station :		
Description :							
Contractor Zone							
A- Field Data:							
Test No.							
Initial wt. of sand . g		10000	10000				
Residual wt. of sand . g		5163	4951				
Wt. of sand in cone . g		1444	1444				
Wt. of sand in Hole . g		3393	3605				
Wt. of soil from Hole . g		5005	4950				
Density of Sand Used g/cm ³		1.480	1.480				
Volume Of Sand Hole . g		2293	2436				
Wet density g/cm ³		2.18	2.16				
B-MOISTURE CONTENT							
Cont. No.							
Moisture content %		5.00	4.80				
Wt. of moisture gm		2.08	2.06				
Dry density gm/cm ³		2.15	2.15				
C- Result;							
Percentage of Compaction %		97	96				
M.E./CONTRACTOR  				M.E./ CONSULTANT 			

		Electric Express Train - HSR From october to Aswan		 		Request No:- 	
Employer Consultant		OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION THREE				Date:- 	
		From Statio (464+300) To Station (468+300)				27 / 2 / 2023	
Contractor							
Request no.:		From	464+300	to	464+425	DATE	
Description :	NGL					LAB No :	
Station :	464+400						

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement.
0	0	9.89	8.97		0.00
0.020	18.8	9.84	8.90		0.06
0.040	37.7	9.80	8.81		0.13
0.080	75.4	9.75	8.73		0.19
0.120	113.1	9.67	8.59		0.30
0.160	150.8	9.59	8.46		0.40
0.200	188.5	9.49	8.37		0.50
0.250	235.7	9.39	8.26		0.61
0.125	117.8	9.45	8.35		0.53
0.0625	58.9	9.49	8.42		0.48
0.020	18.7	9.58	8.50		0.39
0.040	37.7	9.50	8.41		0.48
0.080	75.7	9.42	8.35		0.55
0.120	113.1	9.36	8.28		0.61
0.160	150.8	9.30	8.20		0.68
0.200	188.5	9.28	8.16		0.71



		s
0.7 σ =	0.175	0.49
0.3 σ =	0.075	0.20
0.7 σ_2 =	0.175	0.71
0.3 σ_2 =	0.075	0.55

Ev1=	155.2	Mn/m2
Ev2=	281.3	Mn/m2

Ev2/Ev1= 1.8

M.E./CONTRACTOR

مهندس للمقاولات

س.ت : ٦٦٧٢١

٢٧٤ - ٠٥١ - ٤٠٠

الرائد
مشاركات الهندسية
CONSULTANT

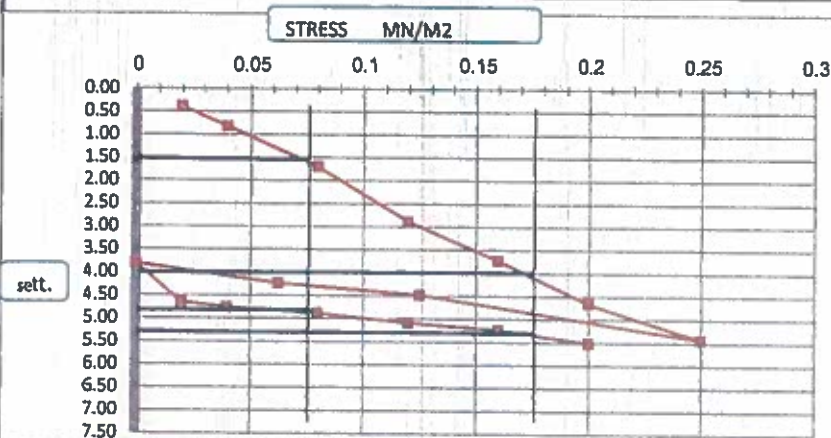
مشاركات الهندسية
 (أشترين) (أوليمبر)
 م.ع. ٤٠٠ - ٠٥١ - ٢٧٤

	Electric Express Train - HSR					
	From october to Aswan					
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION TWO The fourth stage (Manfalout - Gerga)					
From Statio (176+800)		To Station (334+800)		Consultant		

Request no.:	From	465+800	to	465+900	DATE	01/06/2023
Description :	ارض طيبه بعد التطهير بسق ٣٠ سم				LAB No :	0
Layer NO						

plate load test DIN 18314

stress mm/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement.
0	0	25.78	28.75	29.33	0.00
0.020	14.14	25.59	28.09	29.06	0.37
0.040	28.28	25.01	27.59	28.85	0.80
0.080	56.56	24.27	26.39	28.15	1.68
0.120	84.84	23.81	24.70	26.95	2.87
0.160	113.1	22.94	23.80	25.99	3.71
0.200	141.4	21.94	22.97	25.04	4.64
0.250	176.75	21.74	22.10	23.79	5.41
0.125	88.375	22.93	22.82	24.71	4.47
0.0625	44.19	22.85	23.74	24.62	4.22
0.000	0	23.37	24.04	25.06	3.80
0.020	14.14	22.27	22.80	24.90	4.63
0.040	28.28	22.21	22.69	24.73	4.74
0.080	56.56	22.14	22.56	24.55	4.87
0.120	84.84	22.04	22.35	24.27	5.07
0.160	113.12	21.95	22.18	24.09	5.21
0.200	141.4	21.75	21.89	23.74	5.49



		s
0.7 σ=	0.175	4.00
0.3σ=	0.075	1.55
0.7 σ2=	0.175	5.40
0.3σ2=	0.075	4.90

Ev1=	18.4	Mn/m2
Ev2=	90.0	Mn/m2

Ev2/Ev1= 4.9



الهيئة العامة للغمرات والنقل
الهيئة العامة للتخطيط
ب.ض. : ٢٧٤ - ٠٠١ - ٤٠٠
ب.ض. : ١٠٣ - ٠ - ٨٢٥٤ - ٤١٠ - ٠١ - ٠١

FIELD DENSITY BY SAND CONE METHOD

(ASTM D 1557)



PROJECT	مشروع القطار السريع المرحلة الرابعة القطاع الثالث المسافة بطول ٤٥.٢٥ كم من ٨٠٠+٣٣٤ إلى ٤٨٠+٠٠٠
CONSULTANT	مكتب الرائد للاستشارات الهندسية
CONTRACTOR	شركة الرايس للمقاولات العامة

SAND CONE TEST RESULTS

Date Tested	1-Jun-23
Station	from st 389+980 to 390+025
Layer	ارض طبيعيه بعد التطهير بعمق ٣٠ سم

PROCTOR TEST RESULTS

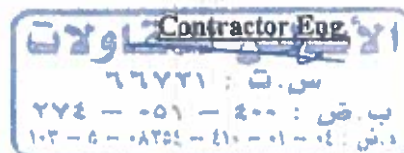
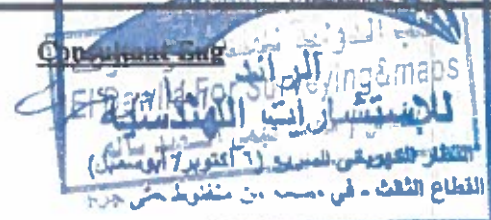
Max. dry density	O.M.C.	Degree of compaction required	Bulk density of specified sand
1.74	8.00%	95%	1.46

TEST RESULTS

.Hole No	1	2	3	4	5	6
Wt. of sand before test, gm	10430	10140	9920	8850		
Wt. of sand after test, gm	5700	4900	4750	3620		
Wt. of sand fill cone, gm	1450	1450	1450	1450		
Wt. of sand in hole, gm	3280	3790	3720	3780		
Volume of hole, cm ³	2247	2596	2548	2589		
Wt. of sample from hole, gm	4650	5240	5080	5490		
Bulk density of soil, gm/cm ³	2.07	2.02	1.99	2.12		
% Water Content	7.2	8.5	8.3	8.1		
Dry density, gm/cm ³	1.93	1.86	1.84	1.96		
% Compaction	111.0	106.9	105.8	112.7		
% Average Compaction	95%	95%	95%	95%		
Pass / Fail	Pass	Pass	Pass	Pass		

REMARKS:

MDD DETERMINED FROM LABORATORY MODIFIED PROCTOR TEST = 1.740 g/cm ³
Optimum Moisture Content = 8.3%



FIELD DENSITY BY SAND CONE METHOD

(ASTM D 1557)



PROJECT	مشروع القطار السريع المرحلة الرابعة القطاع الثالث المسافة بطول ١٤٥.٢٥ كم من ٨٠٠+٣٣٤ الى ٠+٠٠٠
CONSULTANT	مكتب الرائد للاستشارات الهندسية
CONTRACTOR	شركة الاندلس للمقاولات العامة

SAND CONE TEST RESULTS

Date Tested	13-Jun-23
Station	from st 465+425 to 465+800
Layer	ارض طبيعيه بعد الاحلال بعق متر

PROCTOR TEST RESULTS

Max. dry density	O.M.C.	Degree of compaction required	Bulk density of specified sand
1.90	8.50%	95%	1.46

TEST RESULTS

.Hole No	1	2	3	4	5	6
Wt. of sand before test, gm	9130	8620	10210	9920	9750	9450
Wt. of sand after test, gm	3640	3650	5060	4870	4620	4330
Wt. of sand fill cone, gm	1450	1450	1450	1450	1450	1450
Wt. of sand in hole, gm	4040	3520	3700	3600	3680	3670
Volume of hole, cm ³	2767	2411	2534	2466	2521	2514
Wt. of sample from hole, gm	6020	5030	5230	5100	5230	5150
Bulk density of soil, gm/cm ³	2.18	2.09	2.06	2.07	2.07	2.05
% Water Content	6.2	6.4	6.6	6.7	6.5	6.8
Dry density, gm/cm ³	2.05	1.96	1.94	1.94	1.95	1.92
% Compaction	107.8	103.2	101.9	102.0	102.5	101.0
% Average Compaction	95%	95%	95%	95%	95%	95%
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass

REMARKS:

MDD DETERMINED FROM LABORATORY MODIFIED PROCTOR TEST = 1.90 g/cm³

Optimum Moisture Content = 8.5%

Consultant Eng

الرائد
للاستشارات الهندسية
القطار الكهربائي السريع (٦ أكتوبر - كورنيش)
القطاع الثالث - لم مسحه من ملف حتى جرجا

Contractor Eng
الاندلس للمقاولات
س.ب. : ٩٦٤٦١
ب.ب. : ٤٠٠ - ٥٦ - ٣٧٩
م.ب. : ٠١ - ٠١ - ٤١٠ - ٠٨٣٥٢ - ٠ - ١٠٢



Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)
SECTION TWO The fourth stage
(Manfalout - Gerga)

From Statio (176+800)
To Station (334+800)

الهيئة العامة للإسكان
General Authority for Housing



Consultant

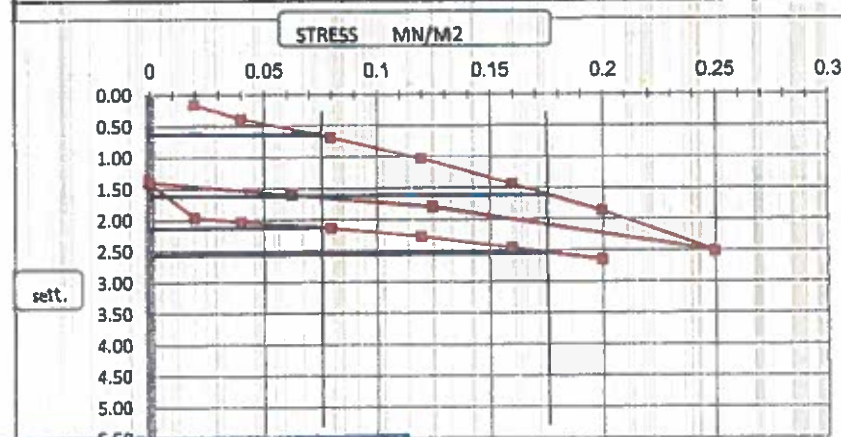
Request no.: From 465+425 to 465+500 DATE 13/06/2023

Description : أرض طينية بعد الإحلال بعرض متر LAB No : 0

Layer NO

plate load test DIN 18314

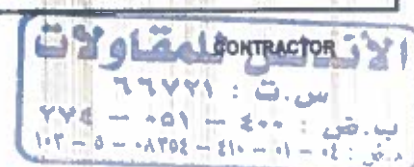
stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement.
0	0	20.42	20.77	19.98	0.00
0.020	14.14	20.29	20.53	18.90	0.15
0.040	28.28	20.24	20.09	19.70	0.38
0.080	56.56	20.14	19.44	19.52	0.69
0.120	84.84	20.00	18.85	18.25	1.02
0.160	113.1	19.86	18.55	18.48	1.43
0.200	141.4	19.72	17.34	18.51	1.87
0.250	176.75	19.30	16.42	17.92	2.51
0.125	88.375	19.54	17.77	18.48	1.80
0.0625	44.19	19.77	17.95	18.65	1.60
0.000	0	19.83	18.35	18.82	1.39
0.020	14.14	19.70	17.13	18.45	1.96
0.040	28.28	19.67	16.99	18.42	2.03
0.080	56.56	19.61	16.85	18.31	2.13
0.120	84.84	19.53	16.62	18.21	2.27
0.160	113.12	19.46	16.39	17.95	2.46
0.200	141.4	19.29	16.19	17.75	2.65



		s
0.7 σ=	0.175	1.60
0.3σ=	0.075	0.70
0.7 σ2=	0.175	2.55
0.3σ2=	0.075	2.20

Ev1=	50.0	Mn/m2
Ev2=	128.6	Mn/m2

Ev2/Ev1= 2.6



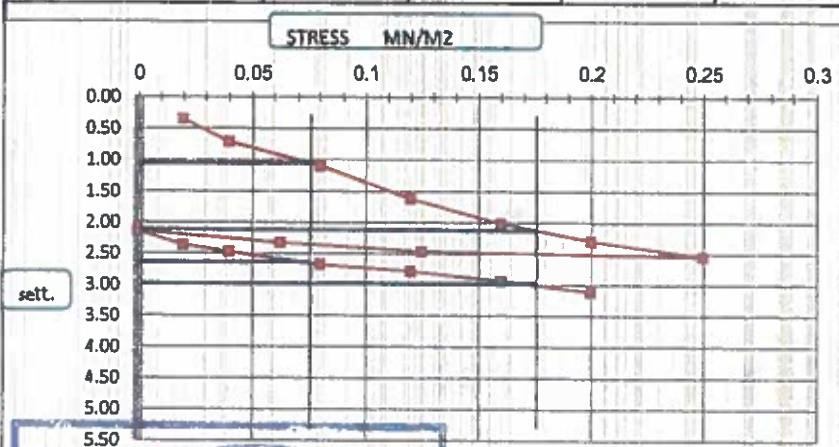
	Electric Express Train - HSR					
	From october to Aswan					
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION TWO The fourth stage (Manfalout - Gerga)					
From Statio (176+800) To Station (334+800)				Consultant		

Request no.:	From	465+500	to	465+600	DATE	13/06/2023
Description :	ارض طبيعيه بعد الاحلال بعض متر				LAB No :	0

Layer NO	
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plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement.
0	0	19.36	20.49	19.79	0.00
0.020	14.14	18.85	20.24	19.50	0.35
0.040	28.28	18.23	20.20	19.08	0.71
0.080	56.56	17.55	20.12	18.67	1.10
0.120	84.84	16.89	19.99	18.11	1.82
0.160	113.1	16.14	19.77	17.69	2.01
0.200	141.4	15.85	19.51	17.40	2.29
0.250	176.75	15.50	19.65	16.87	2.54
0.125	88.375	15.59	19.78	16.88	2.46
0.0625	44.19	15.75	19.99	16.93	2.32
0.000	0	18.25	19.79	17.17	2.14
0.020	14.14	15.91	19.57	17.08	2.37
0.040	28.28	15.72	19.45	17.04	2.48
0.080	56.56	15.80	19.33	16.68	2.68
0.120	84.84	15.36	19.15	16.79	2.78
0.160	113.12	15.21	19.08	16.54	2.94
0.200	141.4	15.10	18.95	16.27	3.11



		s
0.7 σ_c	0.175	2.20
0.3 σ_c	0.075	1.10
0.7 σ_2	0.175	3.00
0.3 σ_2	0.075	2.70

Ev1=	40.9	Mn/m2
Ev2=	150.0	Mn/m2

Ev2/Ev1= 3.7

CONSULTANT
الرائد للهندسة
 للاستشارات الهندسية
 القطر الكهربائي السريع (٦ أكتوبر / أزمينا)
 القطاع الثالث در مصر من مشروع حيز

CONTRACTOR
الرائد للمقاولات
 س.ت : ٧٩٧٢١
 ب.ق : ٧٥١ - ٧٥٥
 م.ق : ٠١ - ٠١ - ٠١

	Electric Express Train - HSR			
	From october to Aswan			
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION TWO The fourth stage (Manfalout - Gerga)			
From Statio (176+800)		To Station (334+800)		 

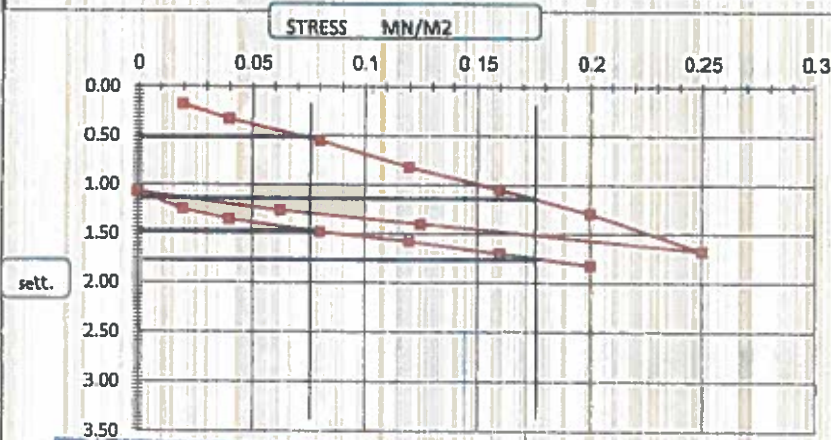
Request no.: From 465+600 to 465+700 DATE 13/06/2023

Description : أرض طبيعيه بعد الاحلال بصل متر LAB No : 0

Layer NO

plate load test DIN 18314

stress mm/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement.
0	0	19.32	20.85	19.57	0.00
0.020	14.14	19.10	20.66	19.45	0.18
0.040	28.28	18.93	20.46	19.37	0.33
0.080	56.56	18.71	20.14	19.25	0.55
0.120	84.84	18.45	19.89	19.16	0.81
0.160	113.1	18.35	19.19	19.07	1.04
0.200	141.4	18.27	18.65	18.96	1.29
0.250	176.75	18.17	17.84	18.72	1.67
0.125	88.375	18.63	17.98	18.94	1.40
0.0625	44.19	18.39	18.81	18.75	1.26
0.000	0	18.74	18.63	19.15	1.07
0.020	14.14	18.49	18.52	18.99	1.25
0.040	28.28	18.41	18.43	18.85	1.35
0.080	56.56	18.30	18.30	18.70	1.48
0.120	84.84	18.11	18.20	18.71	1.57
0.160	113.12	18.00	18.00	18.65	1.70
0.200	141.4	17.91	17.90	18.49	1.81



		s
0.7 σ=	0.175	1.20
0.3σ=	0.075	0.50
0.7 σ2=	0.175	1.80
0.3σ2=	0.075	1.50

Ev1=	64.3	Mn/m2
Ev2=	150.0	Mn/m2

Ev2/Ev1=	2.3
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CONSULTANT

الرائد
للإستشارات الهندسية

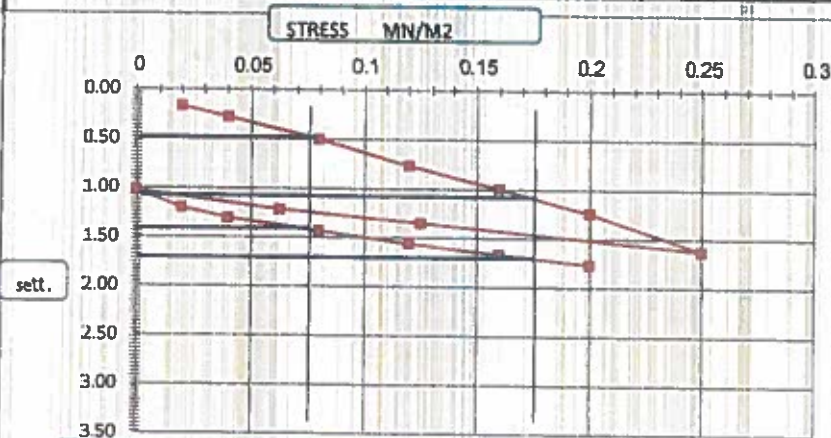
القطر الكهربى السريع (٦ فكتوريه / أومسك)
القطر الكهربى السريع (٦ فكتوريه / أومسك)

الرائد للإستشارات الهندسية
ب.ت : ٦٦٧٢١
ب.ف : ٢٧٤ - ٥٦ - ٨٠٠
ب.ف : ١٠٢ - ٥ - ٨٧٥٤ - ٤١٠ - ١ - ١٠

	Electric Express Train - HSR						
	From october to Aswan						
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL) SECTION TWO The fourth stage (Manfalout - Gerga)						
	From Statio (176+800)						
	To Station (334+800)						
Request no.:		From	465+700	to	465+800	DATE 13/06/2023	
Description :	ارض طبيعيه بعد الاحلال يصل متر					LAB No :	0
Layer NO							

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Dial Reading 3	Average Settlement
0	0	19.40	20.70	19.50	0.00
0.020	14.14	19.15	20.55	19.40	0.17
0.040	28.28	18.93	20.46	19.37	0.28
0.080	56.56	18.71	20.14	19.25	0.50
0.120	84.84	18.45	19.69	19.18	0.77
0.160	113.1	18.35	19.19	19.07	1.00
0.200	141.4	18.27	18.65	18.98	1.24
0.250	176.75	18.17	17.84	18.72	1.62
0.125	88.375	18.63	17.98	18.94	1.35
0.0625	44.19	18.39	18.81	18.75	1.22
0.000	0	18.74	18.63	19.15	1.03
0.020	14.14	18.49	18.52	18.99	1.20
0.040	28.28	18.41	18.43	18.85	1.30
0.080	56.56	18.30	18.30	18.70	1.43
0.120	84.84	18.11	18.20	18.61	1.56
0.160	113.12	18.00	18.00	18.60	1.67
0.200	141.4	17.91	17.90	18.49	1.77



		s
0.7 σ =	0.175	1.10
0.3 σ =	0.075	0.50
0.7 σ_2 =	0.175	1.75
0.3 σ_2 =	0.075	1.40

Ev1=	75.0	Mn/m2
Ev2=	128.6	Mn/m2

$Ev2/Ev1 = 1.7$

CONSULTANT

الرائد مادي
للإستشارات الهندسية

المقر الرئيسي: المربع (٦ أكتوبر/ أريستيل)
المقر الفرعي: طريق المطار - حي ١٠٠٠

CONTRACTOR

الاندرس للمقاولات

ب.ت. ٦٦٢٢١
٢٧٤ - ٥٩ - ٥٥٥ - ٥٥٥ - ٥٥٥ - ٥٥٥
١٠٢ - ٥ - ١٨٩٥٥ - ٥٥٥ - ٥٥٥ - ٥٥٥

	Electric Express Train - HSR					
	From october to Aswan					
OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)						

Request no.:		From	467+725	to	467+900	DATE	29/07/2023
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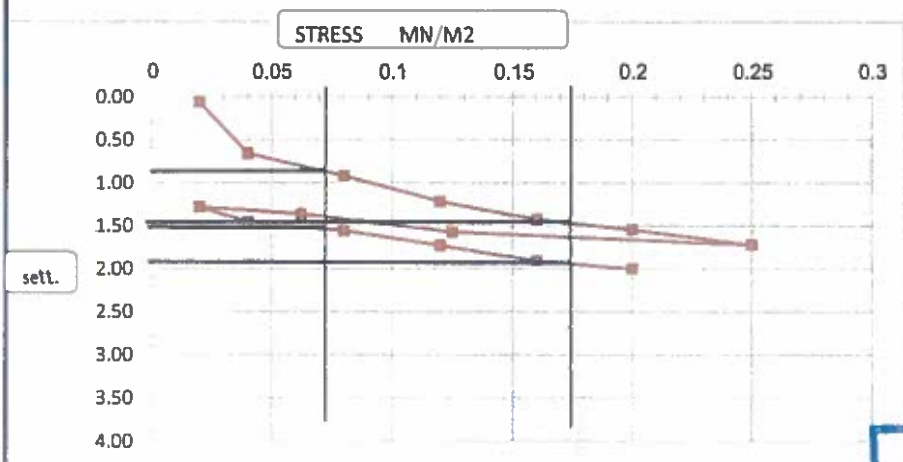
Description :	قاع احلال بهق متر ونصف من منسوب الارض الطبيعية					LAB No :	1
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Station :	
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plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	14.72	18.72	0.00
0.020	13.4	14.69	18.65	0.05
0.040	26.8	14.03	18.10	0.65
0.080	53.6	13.74	17.87	0.91
0.120	80.4	13.52	17.49	1.22
0.160	107.2	13.29	17.30	1.43
0.200	134	13.17	17.18	1.55
0.250	167	13.02	16.98	1.72
0.125	83.7	13.21	17.09	1.57
0.0625	41.8	13.48	17.24	1.36
0.020	13.4	13.57	17.32	1.28
0.040	26.8	13.41	17.12	1.46
0.080	53.6	13.32	17.01	1.56
0.120	80.4	13.06	16.92	1.73
0.160	107.2	12.82	16.80	1.91
0.200	134	12.75	16.69	2.00

0.02	0.05
0.04	0.65
0.08	0.91
0.12	1.22
0.16	1.43
0.2	1.55
0.25	1.72
0.125	1.57
0.0625	1.36
0.02	1.28
0.04	1.46
0.08	1.56
0.120	1.73
0.16	1.91
0.2	2.00

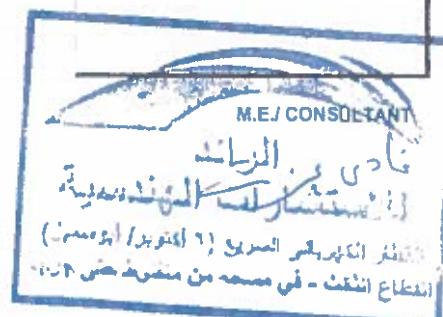


		s
0.7 σ=	0.175	1.50
0.3σ=	0.075	0.90
0.7 σ2=	0.175	1.92
0.3σ2=	0.075	1.53

Ev1=	73.5 Mn/m2
Ev2=	115.4 Mn/m2
Ev2/Ev1=	1.6

M.E./CONTRACTOR
الانديس للمقاولين
Tarek - Elsayed
 29/7/2023

M.E./CONSULTANT
الدراند للاستشارات الهندسية
 انتظار الكهروميكانيكي السريع (٦ أكتوبر / أرومبيل)
 الشوارع الثالث - في مسطحة من منطوق حتى جرج





Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)

الهيئة القومية للإنفاق

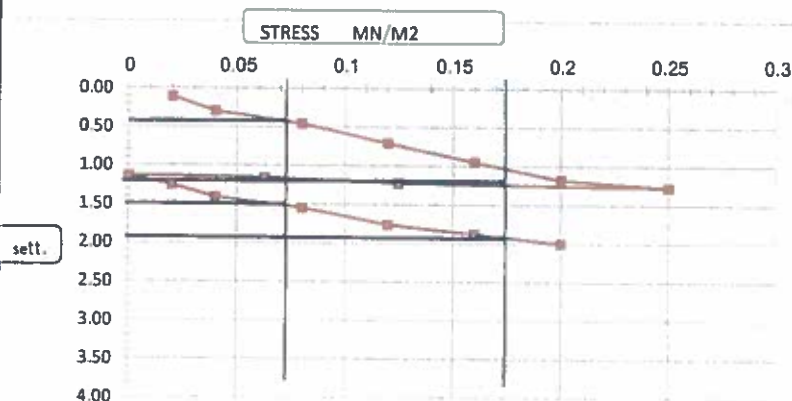


Request no.:		From	464+950	to	465+050	DATE	29/07/2023
Description :	قاع الحلال بحدق متر ونصف من منصوب الارض الطبيعية					LAB No :	1
Station :							

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	19.30	19.31	0.00
0.020	13.4	19.22	19.18	0.11
0.040	26.8	19.01	19.01	0.29
0.080	53.6	18.81	18.89	0.45
0.120	80.4	18.57	18.63	0.70
0.160	107.2	18.29	18.43	0.95
0.200	134	18.03	18.23	1.18
0.250	167	17.96	18.11	1.27
0.125	83.7	17.99	18.17	1.23
0.0625	41.8	18.09	18.22	1.15
0	0	18.19	18.27	1.13
0.020	13.4	17.90	18.21	1.25
0.040	26.8	17.76	18.03	1.41
0.080	53.6	17.63	17.89	1.55
0.120	80.4	17.45	17.64	1.76
0.160	107.2	17.34	17.51	1.88
0.200	134	17.21	17.40	2.00

0.02	0.11
0.04	0.29
0.08	0.45
0.12	0.70
0.16	0.95
0.2	1.18
0.25	1.27
0.125	1.23
0.0625	1.15
0	1.13
0.02	1.25
0.04	1.41
0.08	1.55
0.12	1.76
0.16	1.88
0.2	2.00



		s
0.7 σ =	0.175	1.20
0.3 σ =	0.075	0.40
0.7 σ 2=	0.175	1.90
0.3 σ 2=	0.075	1.50

Ev1=	92.1	Mn/m2
Ev2=	123.5	Mn/m2

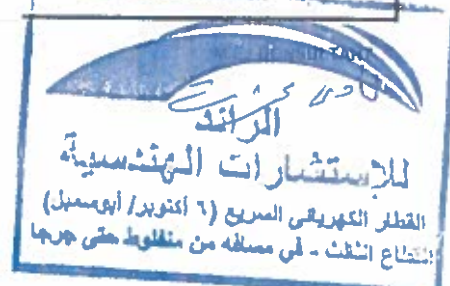
Ev2/Ev1= 1.3

M.E./CONTRACTOR

Tarek Elsayed

29/7/2023

ب.ب. : ٤٠٠
م.ق. : ٠٤ - ٠١ - ٤١٠





Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)

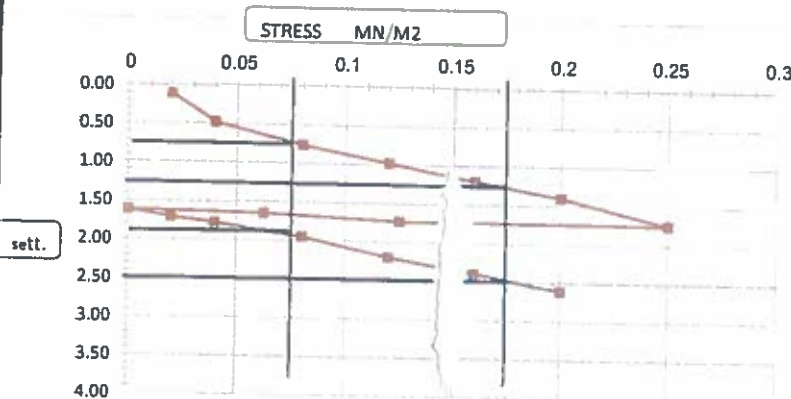


Request no.:		From	465+050	to	465+150	DATE	29/07/2023
Description :	قاع احلال بعقي متر ونصف من منسوب الارض الطبيعية						LAB No : 1
Station :							

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	9.81	7.64	0.00
0.020	13.4	9.70	7.52	0.12
0.040	26.8	9.31	7.18	0.48
0.080	53.6	8.98	6.94	0.76
0.120	80.4	8.67	6.81	0.98
0.160	107.2	8.52	6.52	1.21
0.200	134	8.25	6.39	1.41
0.250	167	7.97	5.99	1.75
0.125	83.7	8.09	5.89	1.74
0.0625	41.8	8.18	5.97	1.65
0	0	8.23	6.03	1.62
0.020	13.4	8.17	5.98	1.65
0.040	26.8	8.02	5.87	1.78
0.080	53.6	7.87	5.68	1.95
0.120	80.4	7.61	5.44	2.20
0.160	107.2	7.44	5.22	2.40
0.200	134	7.22	5.01	2.61

0.02	0.12
0.04	0.48
0.08	0.76
0.12	0.98
0.16	1.21
0.2	1.41
0.25	1.75
0.125	1.74
0.0625	1.65
0	1.62
0.02	1.71
0.04	1.78
0.08	1.95
0.12	2.20
0.16	2.40
0.2	2.61



		s
0.7 σ =	0.175	1.25
0.3 σ =	0.075	0.75
0.7 σ_2 =	0.175	2.50
0.3 σ_2 =	0.075	1.80

Ev1=	42.9	Mn/m2
Ev2=	107.1	Mn/m2

Ev2/Ev1=	2.5
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M.E./CONTRACTOR

Tarek Elsayed

الأندلس للمقاولات
29/7/2023
ب.ض : ٢٧٤ - ٥١ - ٤٠٠
د.ض : ١٠ - ٠١ - ٤١٠ - ٠٢ - ١٠٣



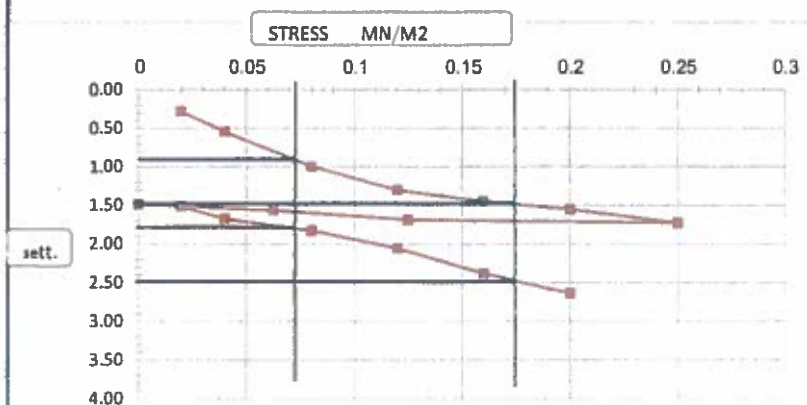
	Electric Express Train - HSR			
	From october to Aswan			
	OCTOBER ASWAN ELECTRIC EXPRESS TRAIN (HIGH SPEED RAIL)			

Request no.:	From	465+150	to	465+250	DATE	29/07/2023
Description :	قاع لاجل بعق متر ونصف من منسوب الأرض الطبيعية				LAB No :	1
Station :						

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	19.87	19.46	0.00
0.020	13.4	19.48	19.28	0.28
0.040	26.8	19.09	19.14	0.55
0.080	53.6	18.61	18.73	0.99
0.120	80.4	18.27	18.45	1.31
0.160	107.2	18.09	18.34	1.45
0.200	134	17.94	18.28	1.56
0.250	167	17.76	18.11	1.73
0.125	83.7	17.79	18.16	1.69
0.0625	41.8	17.85	18.34	1.57
0	0	18.15	18.41	1.49
0.020	13.4	18.00	18.30	1.52
0.040	26.8	17.81	18.16	1.68
0.080	53.6	17.64	18.03	1.83
0.120	80.4	17.37	17.84	2.06
0.160	107.2	17.04	17.52	2.39
0.200	134	16.73	17.31	2.65

0.02	0.28
0.04	0.55
0.08	0.99
0.12	1.31
0.16	1.45
0.2	1.56
0.25	1.73
0.125	1.69
0.0625	1.57
0	1.49
0.02	1.52
0.04	1.68
0.08	1.83
0.12	2.06
0.16	2.39
0.2	2.65



		s
0.7 σ=	0.175	1.40
0.3σ=	0.075	0.80
0.7 σ2=	0.175	2.50
0.3σ2=	0.075	1.70

Ev1=	44.1	Mn/m2
Ev2=	93.8	Mn/m2

Ev2/Ev1=	2.1
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M.E./CONTRACTOR


 Tarek Elsayed
 المهندس
 ٢٩٧٦٢٠٢٣
 ب.ض. : ٤٠٠ - ٨٢٥٤ - ٠١ - ٠٢ - ١٠٣
 م.ض. : ٠١ - ٠٢ - ١٠٣


 El-Raeid Engineering
 للاستشارات الهندسية
 القطار الكهربى السريع (٦ أكتوبر / أوسمبل)
 شارع النش - فى مسئله من منظومه حتى جرها



Electric Express Train - HSR



From 6 October City To Abu simbel

Testing Date :

٢٠٢٣/٠٧/٢٩

Company :

الأنلس

Material :

Code

Location :

465+050 to 465+250

length

200m

Layer Thickness :

Level layer

قاع احلال بصى متر ونصف من منسوب الارض الطبيعية

Station	465+100	465+150	465+200	465+250		
Hole no	1	2	3	4		
Bulk density specifid	1.49	1.49	1.49	1.49		
wt .of sand befor test	10932	9361	9886	8476		
WT .of sand after test	6362	5680	6181	4680		
WT . Of sand fill cone	1269	1269	1269	1269		
WT . Of sand in hole	3301	2412	2436	2527		
Volume of hole	2215	1619	1635	1696		
WT . Of sample from	4103	3112	3076	3212		
Bulk density of soil	1.85	1.92	1.88	1.89		

Average water content	6.2	5.8	6	5.7		
Dry density (gm/cm3)	1.74	1.82	1.77	1.79		
Max dry density	1.82	1.82	1.82	1.82		
Compaction ratio %	95.8	99.8	97.5	98.4		
Observations						

Lab Engineer :

Tarek Elsayed

Consultant Eng. :

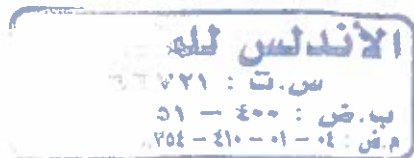
فارس

Sign :

29/7/2023

Sign :

فارس





Electric Express Train - HSR

From 6 October City To Abu simbel



Testing Date :

٢٠٢٢/٠٧/٢٩

Company :

الأندلس

Material :

Code

Location :

464+850 to 465+050

length

200m

Layer Thickness :

Level layer

قاع احلال بعق متر ونصف من منسوب الارض الطبيعية

Station	464+900	464+950	465+00	465+050		
Hole no	1	2	3	4		
Bulk density specifid	1.49	1.49	1.49	1.49		
wt .of sand befor test	10115	9934	9193	8767		
WT .of sand after test	6390	6050	5595	5050		
WT . Of sand fill cone	1269	1269	1269	1269		
WT . Of sand in hole	2456	2615	2329	2448		
Volume of hole	1648	1755	1563	1643		
WT . Of sample from	3150	3278	2950	3095		
Bulk density of soil	1.91	1.87	1.89	1.88		

Average water content	6	5.9	6.1	6		
Dry density (gm/cm3)	1.80	1.76	1.78	1.78		
Max dry density	1.82	1.82	1.82	1.82		
Compaction ratio %	99.1	96.9	97.7	97.6		
Observations						

Lab Engineer :

Tarek Elsayed

Consultant Eng. :

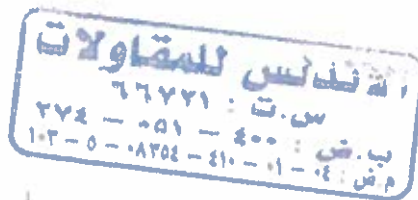
م.س.د. م.س.د.

Sign :

29/7/2023

Sign :

م.س.د. م.س.د.





Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)

الهيئة القومية للإنتاج

THE NATIONAL AUTHORITY FOR PRODUCTION



El-RAEID
EL-RAEID ENGINEERING CONSULTANTS
الرائد للإستشارات الهندسية

Request no.: From 464+500 to 464+620 DATE 6/8/2023

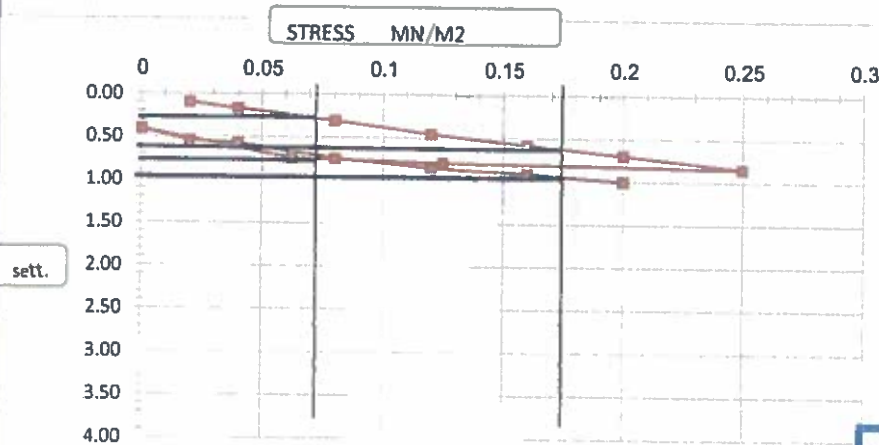
Description : كماع لحلال بعمق متر ونصف من منصوب الأرض الطبيعية LAB No: 1

Station :

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	20.95	20.99	0.00
0.020	11.65	20.86	20.87	0.10
0.040	23.3	20.77	20.81	0.18
0.080	46.6	20.61	20.70	0.31
0.120	69.9	20.46	20.55	0.46
0.160	93.2	20.34	20.42	0.59
0.200	116.5	20.23	20.30	0.70
0.250	145.6	20.12	20.11	0.85
0.125	72.8	20.18	20.15	0.81
0.0625	36.4	20.24	20.19	0.75
0	0	20.54	20.56	0.42
0.020	11.65	20.43	20.42	0.55
0.040	23.3	20.38	20.39	0.59
0.080	46.6	20.21	20.23	0.75
0.120	69.9	20.06	20.16	0.86
0.160	93.2	20.00	20.09	0.92
0.200	116.5	19.91	20.02	1.01

0.02	0.10
0.04	0.18
0.08	0.31
0.12	0.46
0.16	0.59
0.2	0.70
0.25	0.85
0.125	0.81
0.0625	0.75
0	0.42
0.02	0.55
0.04	0.59
0.08	0.75
0.120	0.86
0.16	0.92
0.2	1.01



		s
0.7 σ =	0.175	0.60
0.3 σ =	0.075	0.30
0.7 σ_2 =	0.175	1.00
0.3 σ_2 =	0.075	0.80

Ev1= 107.1 Mn/m2

Ev2= 225.0 Mn/m2

Ev2/Ev1= 2.1

M.E./CONTRACTOR

Tarek Elsayed
6/8/2023

M.E./CONSULTANT
الرائد للإستشارات الهندسية
القطر الكهربائي السريع (6 أكتوبر/ أهراميل)
القطاع الثالث - في مسافة من منفرد حتى جرجا



Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)

الهيئة القومية للإنتاج

EGYPTIAN AUTHORITY FOR PRODUCTION



Request no.: From 464+620 to 464+740 DATE 6/8/2023

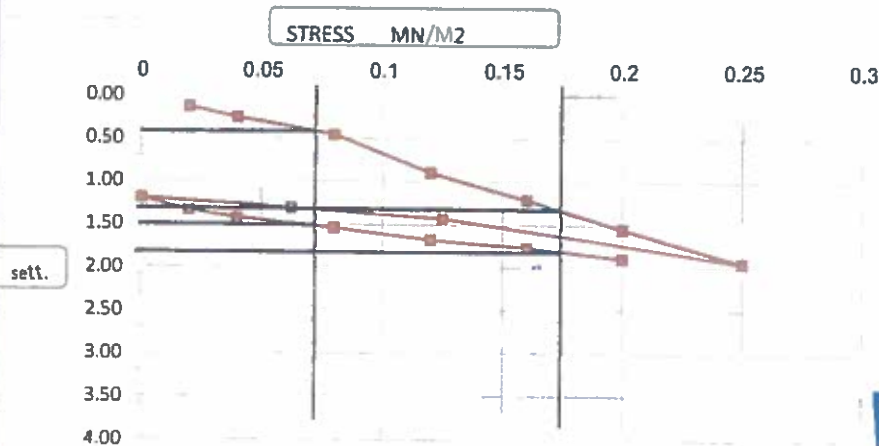
Description : قاع احلال بصق متر ونصف من متسوب الارض الطبيعية LAB No: 1

Station :

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	20.19	22.49	0.00
0.020	11.65	20.09	22.31	0.14
0.040	23.3	20.03	22.12	0.26
0.080	46.6	19.89	21.87	0.46
0.120	69.9	19.38	21.49	0.91
0.160	93.2	19.13	21.11	1.22
0.200	116.5	18.84	20.73	1.56
0.250	145.6	18.39	20.40	1.95
0.125	72.8	19.48	20.33	1.44
0.0625	36.4	19.54	20.51	1.32
0	0	19.65	20.63	1.20
0.020	11.65	19.52	20.48	1.34
0.040	23.3	19.41	20.40	1.44
0.080	46.6	19.28	20.31	1.55
0.120	69.9	19.17	20.15	1.68
0.160	93.2	19.10	20.04	1.77
0.200	116.5	19.01	19.88	1.90

0.02	0.14
0.04	0.26
0.08	0.46
0.12	0.91
0.16	1.22
0.2	1.56
0.25	1.95
0.125	1.44
0.0625	1.32
0	1.20
0.02	1.34
0.04	1.44
0.08	1.55
0.120	1.68
0.16	1.77
0.2	1.90



		s
0.7 σ=	0.175	1.40
0.3σ=	0.075	0.45
0.7 σ2=	0.175	1.85
0.3σ2=	0.075	1.50

Ev1= 53.6 Mn/m2
Ev2= 128.6 Mn/m2

Ev2/Ev1= 2.0

M.E./CONTRACTOR

E. Elsayed
6/8/2023

الرائد
م.ع. /CONSULTANT
للإستشارات الهندسية
القطار الكهربائي السريع (٦ أكتوبر/ أوسمبل)
القطاع الثالث - في مسطحة من منظومة حتى جرجا



Electric Express Train - HSR
From october to Aswan

OCTOBER ASWAN ELECTRIC EXPRESS
TRAIN (HIGH SPEED RAIL)

الهيئة القومية للإسقاط

NATIONAL AUTHORITY FOR PAVEMENT



El-RAEID
ELAEID ENGINEERING CONSULTANTS
الرائد للاستشارات الهندسية

Request no.: From 464+740 to 464+850 DATE 06/08/2023

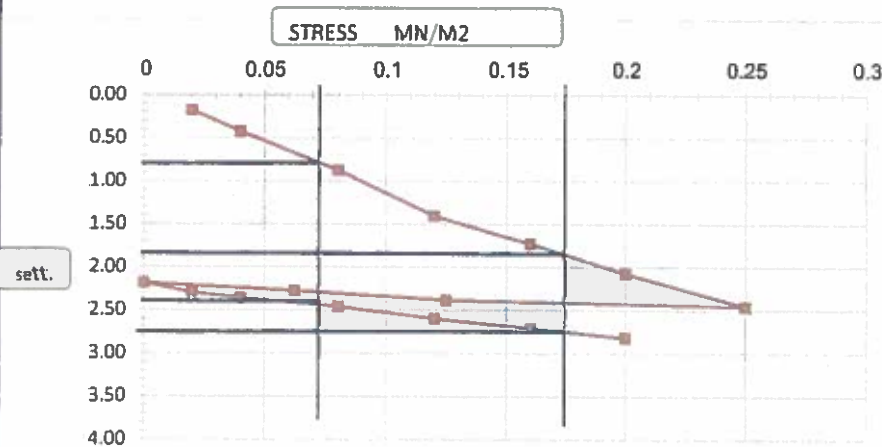
Description : قاع احلال بصى متر ونصف من منسوب الارض الطبيعية LAB No : 1

Station :

plate load test DIN 18314

stress mn/m2	bar	Dial Reading 1	Dial Reading 2	Average Settlement.
0	0	23.17	20.44	0.00
0.020	11.65	23.11	20.15	0.18
0.040	23.3	23.06	19.70	0.43
0.080	46.6	22.86	19.00	0.88
0.120	69.9	22.35	18.44	1.41
0.160	93.2	22.09	18.05	1.74
0.200	116.5	21.81	17.64	2.08
0.250	145.6	21.38	17.30	2.47
0.125	72.8	21.47	17.36	2.39
0.0625	36.4	21.51	17.54	2.28
0	0	21.63	17.60	2.19
0.020	11.65	21.49	17.51	2.30
0.040	23.3	21.43	17.44	2.37
0.080	46.6	21.30	17.38	2.47
0.120	69.9	21.21	17.19	2.61
0.160	93.2	21.12	17.06	2.72
0.200	116.5	21.04	16.91	2.83

0.02	0.18
0.04	0.43
0.08	0.88
0.12	1.41
0.16	1.74
0.2	2.08
0.25	2.47
0.125	2.39
0.0625	2.28
0	2.19
0.02	2.30
0.04	2.37
0.08	2.47
0.120	2.61
0.16	2.72
0.2	2.83



		s
0.7 σ =	0.175	1.90
0.3 σ =	0.075	0.80
0.7 σ 2=	0.175	2.80
0.3 σ 2=	0.075	2.40

Ev1=	37.5 Mn/m2
Ev2=	112.5 Mn/m2

Ev2/Ev1= 3.0

M.E./CONTRACTOR
الاندرس للمقاولات
Tarek Elsayed
ب.ج.س. - ٤٠٠ - ٥٠١ - ٢٢٤
٩١٨٥١٢٥٢٣

M.E./CONSULTANT
للإستشارات الهندسية
القطار الكهربائي السريع (٦ أكتوبر/ أوسيل)
القطاع الثالث - في مسطحة من منسوب حتى جرجا

السيد المهندس / رئيس الإدارة المركزية لبحوث الطرق

تحية طيبة وبعد ؛؛؛

إشارة إلى مشروع القطار الكهربائي السريع (أكتوبر - أبو سمل) القطاع الثالث في المسافة من كم ٣٠٠+٤٦٤ إلى كم ٣٠٠+٤٦٨ بطول ٤ كم عقد رقم ٢٠٢٣/٢٠٢٢/٢١٧٦.

تنفيذ:- مكتب الأندلس للمقاولات محمد نجيب محمد أحمد على.

نتشرف أن نرفق طية عدد (١) مقايضة معدلة رقم (٢) طبقا للتفاوض وذلك لمستخلص جاري (٢).

يرجي التكرم بالعلم والأحاطة والتوجيه باللائم ،،

وتفضلوا سيادتكم بقبول فائق الاحترام ؛؛؛

تحريرا في : ٢٠٢٣ / ١١ / ١٦

مرفقات عدد (١) مقايضة معدلة.

رئيس الإدارة المركزية

المنطقة السابعة (أسسوط - المنيا)

مهندس /

مصطفى علي مسعود





مقايضة معدلة (2) طبقا للمفاوضة

عجلة : أعسل إنشاء الجسر القلبي للقطار الكهربائي السريع
أكتوبر / أوسمبل (الطاقع الثالث (منطوق / حرجا) من محطة 300+464 حتى محطة 300+468
بطول كم الثموية (أ)

[illegible]

مدير عام المشروعات (هيئة الطرق والمواصلات)

عنبر مشروع (هيئة الطرق والكباري)

مهندس الاكراف (هيئة الطرق والكباري)

مهندس الاستشاري

44

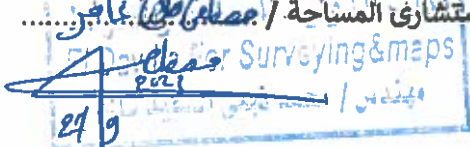
يعتمد
وليس الاداء المركزية



مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1	365710.209	2913528.642	163.057	1586	365146.731	2914019.426	166.046	3171	364836.553	2914348.907	166.044
2	365709.008	2913527.607	163.045	1587	365148.446	2914021.429	166.086	3172	364838.808	2914351.135	165.872
3	365707.235	2913525.593	163.130	1588	365149.870	2914022.528	165.997	3173	364841.911	2914354.016	165.955
4	365705.428	2913523.689	163.171	1589	365151.371	2914023.967	165.947	3174	364843.880	2914356.014	165.904
5	365703.067	2913521.666	163.003	1590	365153.064	2914025.861	165.859	3175	364844.489	2914358.064	165.864
6	365701.508	2913520.166	162.854	1591	365154.715	2914027.475	165.788	3176	364842.773	2914359.731	166.020
7	365699.304	2913518.143	163.122	1592	365156.536	2914029.634	165.788	3177	364841.041	2914361.273	166.066
8	365697.827	2913516.775	162.946	1593	365158.328	2914031.163	165.916	3178	364839.256	2914364.075	166.086
9	365695.755	2913514.837	163.306	1594	365159.996	2914032.936	165.984	3179	364837.138	2914363.518	166.056
10	365694.903	2913514.115	163.449	1595	365161.967	2914034.757	166.014	3180	364834.914	2914362.087	165.999
11	365693.865	2913515.826	163.308	1596	365164.086	2914036.816	166.163	3181	364831.599	2914359.414	166.101
12	365692.086	2913517.959	163.293	1597	365166.030	2914038.815	166.307	3182	364829.381	2914357.331	166.124
13	365692.069	2913518.992	163.210	1598	365167.964	2914040.826	166.250	3183	364827.268	2914355.398	166.203
14	365692.980	2913520.985	163.258	1599	365169.994	2914043.109	166.218	3184	364823.829	2914352.874	166.340
15	365694.118	2913522.682	163.077	1600	365171.908	2914045.218	166.294	3185	364821.633	2914351.254	166.153
16	365696.021	2913524.529	163.139	1601	365173.595	2914046.737	166.332	3186	364818.436	2914348.566	166.180
17	365697.858	2913526.627	163.106	1602	365174.711	2914048.109	166.371	3187	364816.221	2914346.533	165.900
18	365699.818	2913528.673	163.070	1603	365173.610	2914049.082	166.388	3188	364813.840	2914344.468	165.925
19	365701.421	2913530.244	162.747	1604	365172.568	2914050.459	166.350	3189	364811.563	2914342.661	166.052
20	365703.650	2913532.637	162.739	1605	365171.513	2914052.134	166.347	3190	364808.192	2914340.091	166.541
21	365704.696	2913534.014	162.616	1606	365170.477	2914052.890	166.415	3191	364805.390	2914338.212	166.787
22	365705.853	2913535.725	162.518	1607	365168.890	2914052.605	166.393	3192	364804.130	2914339.350	166.840
23	365707.009	2913537.104	162.444	1608	365167.209	2914050.917	166.302	3193	364802.428	2914341.606	167.007
24	365708.446	2913539.335	162.701	1609	365165.264	2914048.994	166.115	3194	364802.820	2914342.365	166.894
25	365709.149	2913540.450	162.894	1610	365163.139	2914047.089	166.156	3195	364805.413	2914345.127	166.356
26	365710.745	2913539.288	162.890	1611	365161.102	2914044.888	166.145	3196	364806.712	2914346.601	166.307
27	365712.914	2913537.070	162.927	1612	365158.858	2914042.592	166.082	3197	364808.449	2914348.499	166.108
28	365714.553	2913535.403	163.342	1613	365156.628	2914040.302	166.065	3198	364810.497	2914350.461	165.947
29	365713.379	2913535.092	162.719	1614	365154.148	2914037.958	166.038	3199	364812.465	2914352.261	166.204
30	365712.943	2913532.540	163.182	1615	365151.660	2914035.901	165.949	3200	364814.301	2914354.091	166.310
31	365709.601	2913532.969	162.738	1616	365149.184	2914033.635	165.913	3201	364816.062	2914355.905	166.291
32	365706.940	2913542.358	162.763	1617	365145.917	2914030.589	165.926	3202	364817.871	2914357.780	166.373
33	365704.708	2913540.751	162.367	1618	365143.656	2914028.708	166.024	3203	364819.776	2914359.611	166.316
34	365701.404	2913537.165	162.556	1619	365141.492	2914027.759	166.225	3204	364821.608	2914361.338	166.228
35	365697.992	2913533.643	162.611	1620	365139.889	2914027.352	166.536	3205	364823.390	2914363.078	166.127
36	365693.868	2913530.919	162.629	1621	365138.707	2914028.109	166.743	3206	364825.096	2914364.877	165.986
37	365689.894	2913527.482	162.700	1622	365138.428	2914028.142	166.783	3207	364826.682	2914366.575	166.175
38	365686.308	2913524.642	162.733	1623	365139.853	2914028.849	166.345	3208	364828.105	2914368.218	166.141
39	365683.313	2913521.730	162.879	1624	365138.312	2914030.397	166.334	3209	364829.692	2914369.615	166.176
40	365679.889	2913524.699	163.042	1625	365136.714	2914031.384	166.527	3210	364830.882	2914370.463	166.308
41	365682.548	2913528.361	162.659	1626	365135.230	2914031.226	166.722	3211	364829.471	2914371.558	166.418
42	365686.773	2913532.534	162.389	1627	365133.618	2914031.253	166.966	3212	364828.769	2914371.957	166.302
43	365691.069	2913536.218	162.454	1628	365134.545	2914032.429	166.626	3213	364827.457	2914373.058	166.321
44	365695.602	2913540.668	162.696	1629	365135.563	2914033.424	166.464	3214	364826.074	2914374.256	166.343
45	365699.313	2913544.624	162.392	1630	365136.620	2914034.835	166.192	3215	364824.957	2914375.628	166.375
46	365702.794	2913547.024	162.514	1631	365137.976	2914035.890	166.188	3216	364823.695	2914376.301	166.257
47	365699.136	2913551.710	162.667	1632	365140.006	2914038.071	166.029	3217	364822.748	2914375.580	166.147
48	365695.176	2913548.783	162.395	1633	365141.432	2914039.478	165.863	3218	364821.228	2914374.159	166.264
49	365694.557	2913548.319	162.484	1634	365143.685	2914041.555	165.796	3219	364819.902	2914372.709	166.120
50	365693.634	2913548.045	162.423	1635	365145.787	2914043.870	165.818	3220	364818.346	2914371.156	166.095
51	365692.326	2913546.942	162.318	1636	365147.773	2914045.869	165.909	3221	364816.497	2914369.584	166.156
52	365691.285	2913545.736	162.185	1637	365149.790	2914048.030	166.000	3222	364814.941	2914367.895	166.222
53	365689.691	2913543.911	162.383	1638	365150.980	2914049.542	165.943	3223	364813.262	2914366.012	166.293
54	365688.005	2913542.058	162.447	1639	365152.155	2914051.242	165.951	3224	364811.407	2914364.230	166.285
55	365686.296	2913540.244	162.293	1640	365153.612	2914052.757	165.913	3225	364809.563	2914362.645	166.387

استشارى المساحة / محمد نجيب محمد نجيب



صفحة 1

الشركة المتفردة / شركة الأندلس محمد نجيب



مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
56	365684.537	2913538.241	162.237	1641	365155.181	2914054.203	165.970	3226	364807.912	2914361.060	166.333
57	365682.869	2913536.153	162.319	1642	365156.846	2914055.623	166.084	3227	364806.288	2914359.471	166.261
58	365681.320	2913534.034	162.462	1643	365158.291	2914057.187	166.174	3228	364804.693	2914357.796	166.153
59	365679.984	2913531.919	162.566	1644	365160.468	2914059.574	166.163	3229	364802.943	2914356.183	166.130
60	365678.737	2913529.853	162.864	1645	365161.655	2914060.646	166.366	3230	364801.420	2914354.626	166.283
61	365677.477	2913528.020	163.104	1646	365162.713	2914061.543	166.829	3231	364799.161	2914352.330	166.538
62	365676.603	2913526.975	163.299	1647	365162.915	2914062.190	167.236	3232	364797.484	2914351.200	166.598
63	365676.059	2913527.777	163.177	1648	365160.428	2914062.516	166.211	3233	364796.123	2914350.404	166.901
64	365674.798	2913528.859	163.316	1649	365159.257	2914064.434	166.114	3234	364795.159	2914349.306	167.049
65	365673.602	2913530.282	163.213	1650	365158.114	2914066.053	166.223	3235	364793.833	2914348.855	166.999
66	365673.198	2913530.936	163.290	1651	365156.613	2914065.523	165.983	3236	364792.446	2914350.525	167.269
67	365671.983	2913532.340	163.095	1652	365155.369	2914064.568	166.052	3237	364792.068	2914351.214	167.172
68	365670.785	2913533.660	163.147	1653	365153.851	2914063.318	166.072	3238	364791.167	2914352.472	167.171
69	365669.861	2913534.584	163.155	1654	365152.601	2914061.772	166.064	3239	364791.294	2914354.020	166.675
70	365670.408	2913535.464	162.988	1655	365152.027	2914061.189	166.018	3240	364792.990	2914356.391	166.466
71	365673.102	2913538.950	162.972	1656	365150.496	2914059.299	165.931	3241	364794.557	2914358.153	166.370
72	365674.180	2913540.019	162.860	1657	365148.585	2914056.758	165.893	3242	364796.244	2914359.947	166.102
73	365675.756	2913541.670	162.704	1658	365146.655	2914054.454	165.831	3243	364798.014	2914361.785	166.111
74	365677.671	2913543.117	162.583	1659	365145.331	2914052.994	165.922	3244	364799.637	2914363.732	166.135
75	365679.625	2913544.673	162.522	1660	365144.098	2914051.649	165.979	3245	364800.994	2914365.065	166.237
76	365681.649	2913546.162	162.571	1661	365142.850	2914050.460	165.833	3246	364802.772	2914366.777	166.358
77	365684.254	2913548.028	162.649	1662	365140.798	2914048.579	165.846	3247	364804.308	2914368.491	166.386
78	365687.110	2913549.929	162.603	1663	365138.760	2914046.709	165.876	3248	364805.987	2914370.354	166.298
79	365689.213	2913551.716	162.536	1664	365137.352	2914045.196	166.072	3249	364807.510	2914372.234	166.247
80	365691.011	2913553.227	162.520	1665	365135.407	2914043.310	166.123	3250	364809.049	2914374.022	166.268
81	365692.818	2913555.015	162.599	1666	365134.012	2914041.953	166.243	3251	364810.508	2914375.812	166.150
82	365694.144	2913556.384	162.607	1667	365132.139	2914040.431	166.372	3252	364812.124	2914377.678	166.125
83	365693.937	2913557.613	162.623	1668	365130.221	2914038.729	166.685	3253	364813.790	2914379.613	166.126
84	365692.825	2913558.712	162.758	1669	365128.867	2914037.700	166.848	3254	364815.354	2914381.571	166.071
85	365685.234	2913561.886	162.629	1670	365127.631	2914035.338	167.495	3255	364817.000	2914383.444	166.249
86	365687.414	2913563.791	162.621	1671	365126.340	2914036.803	167.620	3256	364817.656	2914384.018	166.423
87	365685.855	2913562.770	162.536	1672	365125.739	2914037.381	167.757	3257	364818.628	2914385.455	166.393
88	365683.755	2913560.596	162.778	1673	365125.065	2914038.595	167.329	3258	364818.931	2914386.099	166.635
89	365681.984	2913558.492	163.037	1674	365123.945	2914039.486	167.684	3259	364967.282	2914219.023	165.953
90	365680.751	2913557.123	162.972	1675	365123.084	2914040.467	167.605	3260	364967.948	2914219.884	165.881
91	365679.096	2913555.364	163.174	1676	365123.969	2914041.360	167.359	3261	364969.348	2914221.860	165.815
92	365678.218	2913554.564	163.107	1677	365124.548	2914041.969	166.980	3262	364970.967	2914223.726	165.726
93	365676.410	2913552.610	163.190	1678	365125.780	2914043.049	166.698	3263	364972.537	2914225.573	165.598
94	365674.369	2913550.846	163.205	1679	365126.732	2914044.155	166.517	3264	364974.170	2914227.325	165.725
95	365672.844	2913549.346	163.082	1680	365127.564	2914045.401	166.324	3265	364975.723	2914229.146	165.810
96	365670.797	2913547.529	163.378	1681	365128.997	2914047.193	166.241	3266	364977.006	2914231.126	165.824
97	365669.394	2913546.608	163.228	1682	365130.552	2914049.074	166.127	3267	364978.230	2914233.246	165.792
98	365667.285	2913545.288	163.375	1683	365132.388	2914050.963	166.014	3268	364978.416	2914235.741	166.035
99	365665.092	2913543.888	163.459	1684	365133.556	2914052.537	165.852	3269	364977.721	2914236.569	166.121
100	365663.168	2913542.570	163.776	1685	365135.540	2914054.481	166.013	3270	364976.154	2914237.941	166.093
101	365662.227	2913543.407	163.776	1686	365137.489	2914056.158	166.027	3271	364974.518	2914239.567	166.022
102	365661.053	2913544.206	163.711	1687	365139.410	2914058.100	165.868	3272	364972.923	2914240.884	166.057
103	365659.968	2913545.196	163.795	1688	365141.424	2914060.275	165.753	3273	364971.014	2914240.261	165.954
104	365658.968	2913546.353	163.963	1689	365143.438	2914062.382	165.647	3274	364969.283	2914238.672	165.709
105	365657.823	2913547.308	164.033	1690	365145.328	2914064.542	165.760	3275	364967.489	2914237.030	165.755
106	365657.469	2913548.062	164.179	1691	365146.766	2914065.791	165.878	3276	364966.635	2914236.084	165.765
107	365656.550	2913549.032	164.093	1692	365148.707	2914067.663	166.002	3277	364964.985	2914234.087	165.700
108	365656.714	2913550.385	164.001	1693	365150.200	2914068.818	166.074	3278	364963.325	2914232.045	165.717
109	365657.829	2913551.157	163.970	1694	365152.330	2914070.364	165.932	3279	364962.043	2914230.037	165.817
110	365658.890	2913552.066	164.101	1695	365153.033	2914070.911	165.942	3280	364960.345	2914228.000	165.839

استشاري المساحة /
El Dar El ...
مهندس / المهندس /

الأندلس للمقاولات
ب. ب. ٦٦٧٢١
ب. ب. ٦٦٧٢١
ب. ب. ٦٦٧٢١

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
111	365659.704	2913552.779	163.954	1696	365152.108	2914072.636	166.044	3281	364959.425	2914227.140	165.862
112	365661.664	2913554.118	163.968	1697	365151.484	2914073.816	166.105	3282	364957.576	2914225.160	165.879
113	365662.968	2913555.302	163.846	1698	365150.094	2914075.303	166.111	3283	364955.847	2914223.316	165.913
114	365664.398	2913556.578	163.642	1699	365149.208	2914076.086	166.274	3284	364954.997	2914222.293	165.824
115	365665.955	2913557.841	163.575	1700	365148.638	2914075.359	166.073	3285	364954.125	2914221.401	165.754
116	365667.797	2913559.170	163.661	1701	365147.096	2914074.206	166.059	3286	364952.379	2914219.630	165.687
117	365669.554	2913560.593	163.621	1702	365145.654	2914072.993	166.168	3287	364951.290	2914218.683	165.606
118	365671.194	2913562.087	163.625	1703	365144.510	2914071.993	166.126	3288	364950.067	2914220.012	165.665
119	365673.143	2913564.065	163.705	1704	365142.963	2914070.239	165.967	3289	364949.372	2914220.664	165.641
120	365674.530	2913565.531	163.364	1705	365141.474	2914068.947	165.760	3290	364947.855	2914222.093	165.591
121	365676.704	2913567.912	163.461	1706	365140.412	2914067.831	165.645	3291	364946.699	2914223.341	165.624
122	365677.807	2913569.158	163.215	1707	365139.464	2914066.901	165.453	3292	364946.849	2914223.911	165.542
123	365679.435	2913571.312	163.440	1708	365138.281	2914065.725	165.511	3293	364948.365	2914226.890	165.618
124	365678.572	2913572.688	163.567	1709	365136.803	2914063.915	165.654	3294	364948.911	2914227.816	165.706
125	365678.002	2913573.609	163.485	1710	365135.429	2914062.580	165.745	3295	364950.107	2914229.957	165.831
126	365676.618	2913574.279	163.464	1711	365134.161	2914061.224	165.903	3296	364951.462	2914232.114	165.897
127	365675.509	2913575.226	163.541	1712	365132.874	2914059.871	165.957	3297	364952.824	2914234.153	165.824
128	365674.344	2913576.352	163.757	1713	365130.743	2914057.845	165.992	3298	364954.349	2914236.080	165.844
129	365673.074	2913576.845	163.612	1714	365129.293	2914056.399	166.070	3299	364955.191	2914236.904	165.782
130	365671.795	2913576.495	163.515	1715	365127.974	2914055.032	166.121	3300	364956.933	2914238.867	165.759
131	365670.212	2913575.281	163.355	1716	365126.493	2914053.497	166.216	3301	364958.572	2914240.874	165.753
132	365668.775	2913573.723	163.573	1717	365125.117	2914052.016	166.289	3302	364960.074	2914242.799	165.808
133	365667.536	2913572.329	163.717	1718	365123.653	2914050.596	166.350	3303	364961.801	2914244.737	165.845
134	365666.145	2913570.909	163.778	1719	365122.344	2914049.344	166.471	3304	364963.440	2914246.438	165.904
135	365664.787	2913569.447	163.911	1720	365121.029	2914047.947	166.658	3305	364964.667	2914248.215	166.094
136	365663.470	2913567.935	163.908	1721	365119.424	2914046.753	167.148	3306	364962.576	2914249.613	166.112
137	365661.326	2913565.995	163.937	1722	365118.661	2914045.712	167.873	3307	364961.294	2914250.483	166.175
138	365659.713	2913564.421	163.986	1723	365118.958	2914048.460	166.806	3308	364959.388	2914251.393	166.299
139	365658.189	2913563.089	163.987	1724	365117.499	2914049.578	166.775	3309	364958.730	2914251.081	166.054
140	365656.141	2913561.659	164.210	1725	365116.163	2914050.457	166.785	3310	364957.290	2914251.076	166.002
141	365654.132	2913560.004	164.205	1726	365116.688	2914051.453	166.753	3311	366063.776	2913167.680	161.006
142	365651.941	2913558.306	164.384	1727	365117.168	2914052.561	166.555	3312	366065.997	2913170.498	160.881
143	365650.419	2913556.948	164.227	1728	365118.973	2914054.699	166.473	3313	366068.630	2913173.389	160.770
144	365649.535	2913556.186	164.309	1729	365120.345	2914056.175	166.401	3314	366071.650	2913177.161	160.634
145	365649.417	2913556.082	164.305	1730	365121.629	2914057.636	166.306	3315	366074.865	2913180.488	160.641
146	365647.816	2913558.017	164.726	1731	365123.212	2914059.239	166.160	3316	366077.874	2913183.824	160.543
147	365646.292	2913559.173	164.691	1732	365124.590	2914060.829	166.107	3317	366081.014	2913186.457	160.587
148	365644.165	2913561.013	164.859	1733	365125.906	2914062.488	165.974	3318	366084.677	2913189.584	160.733
149	365645.354	2913562.208	164.575	1734	365127.293	2914064.072	165.999	3319	366087.377	2913184.177	160.861
150	365647.059	2913564.244	164.375	1735	365128.619	2914065.617	165.978	3320	366089.821	2913181.270	160.704
151	365649.134	2913565.731	164.142	1736	365130.206	2914067.068	165.760	3321	366091.967	2913178.768	160.463
152	365651.440	2913567.641	163.939	1737	365131.661	2914068.594	165.592	3322	366094.760	2913176.836	160.506
153	365653.148	2913569.822	163.855	1738	365133.338	2914069.886	165.463	3323	366091.470	2913175.862	160.362
154	365655.638	2913572.131	163.845	1739	365134.985	2914071.261	165.387	3324	366088.294	2913173.579	160.534
155	365657.748	2913574.151	163.869	1740	365136.509	2914072.456	165.300	3325	366086.114	2913171.606	160.370
156	365659.919	2913576.166	163.858	1741	365138.091	2914073.429	165.293	3326	366083.115	2913168.439	160.527
157	365661.917	2913578.278	163.664	1742	365139.869	2914070.878	165.448	3327	366079.610	2913164.250	160.721
158	365663.407	2913579.643	163.498	1743	365143.456	2914072.194	166.067	3328	366076.246	2913160.830	160.665
159	365665.289	2913582.591	163.577	1744	365142.811	2914073.916	166.101	3329	366074.227	2913156.797	160.585
160	365664.126	2913583.315	163.579	1745	365141.319	2914075.315	166.177	3330	366077.740	2913153.773	161.149
161	365662.599	2913584.411	163.628	1746	365141.127	2914076.043	166.019	3331	366080.742	2913154.919	160.667
162	365661.553	2913586.368	163.804	1747	365141.345	2914076.627	166.005	3332	366085.766	2913158.742	160.886
163	365660.229	2913589.260	163.790	1748	365142.595	2914077.671	165.959	3333	366089.907	2913162.398	161.019
164	365659.091	2913588.104	163.636	1749	365143.835	2914078.626	166.032	3334	366093.363	2913165.442	161.028
165	365657.548	2913586.087	163.826	1750	365145.326	2914079.962	166.201	3335	366096.855	2913168.471	161.022

استشارى المساحة / محمد
 El Dawlaty Surveying & Maps
 المهندس / محمد نجيب محمد نجيب

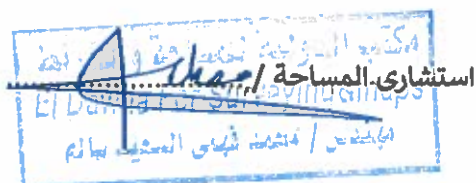
صفحة 3

الشركة المنفذة /

الأندلس محمد نجيب
 2023-07-21
 10:00 AM

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
166	365655.923	2913584.313	163.736	1751	365144.332	2914080.789	166.040	3336	366100.375	2913172.101	160.921
167	365653.680	2913581.903	163.892	1752	365142.945	2914081.786	166.024	3337	366103.091	2913175.248	161.240
168	365651.712	2913579.932	163.861	1753	365141.690	2914083.398	166.217	3338	366109.505	2913174.394	161.149
169	365648.986	2913577.470	163.918	1754	365140.953	2914084.670	166.280	3339	366108.064	2913172.044	161.077
170	365646.366	2913574.664	163.950	1755	365140.138	2914084.277	166.018	3340	366105.839	2913169.106	160.862
171	365643.652	2913571.802	164.145	1756	365139.079	2914083.373	165.912	3341	366102.142	2913165.428	161.073
172	365640.932	2913569.322	164.338	1757	365137.859	2914082.185	165.966	3342	366098.538	2913161.748	160.897
173	365638.394	2913566.815	164.596	1758	365136.730	2914080.904	166.002	3343	366094.976	2913158.110	160.896
174	365634.886	2913570.278	164.794	1759	365135.478	2914079.569	166.087	3344	366091.381	2913154.236	160.882
175	365635.386	2913570.983	164.439	1760	365135.153	2914080.395	165.990	3345	366087.200	2913151.014	160.848
176	365636.941	2913573.038	164.303	1761	365133.980	2914081.145	166.029	3346	366083.833	2913147.882	161.248
177	365638.879	2913575.577	164.142	1762	365132.949	2914082.256	166.092	3347	366080.617	2913144.598	161.389
178	365641.612	2913578.514	164.118	1763	365131.941	2914083.236	166.163	3348	366077.595	2913141.139	161.535
179	365643.296	2913580.362	164.100	1764	365130.636	2914083.576	166.302	3349	366081.524	2913136.015	161.518
180	365645.365	2913582.542	164.199	1765	365131.489	2914084.595	166.098	3350	366085.833	2913139.095	161.454
181	365647.829	2913585.172	164.000	1766	365132.822	2914085.742	166.000	3351	366089.495	2913142.229	161.337
182	365649.543	2913587.525	163.930	1767	365134.141	2914087.019	165.942	3352	366093.410	2913145.758	161.220
183	365651.097	2913589.248	163.869	1768	365135.438	2914088.203	166.035	3353	366097.239	2913149.225	161.068
184	365653.209	2913591.149	163.801	1769	365136.649	2914089.160	166.160	3354	366101.166	2913153.185	161.030
185	365654.857	2913592.972	163.893	1770	365137.467	2914090.103	166.574	3355	366105.309	2913156.827	160.810
186	365656.619	2913594.458	164.037	1771	365136.915	2914090.773	166.477	3356	366109.316	2913159.767	160.939
187	365654.636	2913595.803	163.689	1772	365136.040	2914091.624	166.557	3357	366115.215	2913164.962	160.926
188	365652.979	2913598.473	163.771	1773	365135.433	2914092.312	166.519	3358	366117.639	2913167.469	160.931
189	365651.552	2913600.036	163.617	1774	365134.258	2914093.410	166.561	3359	366120.413	2913168.524	161.073
190	365650.512	2913601.694	163.682	1775	365133.583	2914094.104	166.573	3360	366123.682	2913165.390	160.815
191	365648.910	2913600.182	163.631	1776	365132.731	2914093.628	166.569	3361	366121.112	2913162.345	160.546
192	365647.233	2913598.590	163.720	1777	365131.600	2914092.678	166.402	3362	366116.724	2913157.973	160.911
193	365645.841	2913597.010	163.771	1778	365130.588	2914091.632	166.294	3363	366113.462	2913154.125	161.006
194	365643.965	2913595.338	163.763	1779	365129.110	2914090.593	166.336	3364	366110.435	2913150.537	160.905
195	365642.440	2913593.756	163.823	1780	365127.842	2914089.480	166.381	3365	366107.514	2913147.292	161.032
196	365641.195	2913592.303	163.968	1781	365126.800	2914088.270	166.399	3366	366105.346	2913144.536	161.030
197	365639.604	2913590.851	163.979	1782	365125.513	2914087.417	166.408	3367	366102.784	2913141.240	161.035
198	365637.690	2913589.080	164.032	1783	365125.016	2914088.640	166.434	3368	366099.667	2913138.089	160.982
199	365635.272	2913586.919	164.051	1784	365124.154	2914089.452	166.389	3369	366096.919	2913134.982	161.131
200	365633.414	2913585.251	164.039	1785	365123.114	2914090.487	166.458	3370	366094.875	2913132.252	161.163
201	365631.226	2913583.423	164.068	1786	365122.228	2914091.629	166.377	3371	366092.445	2913129.145	161.554
202	365629.683	2913582.144	164.131	1787	365122.944	2914092.105	166.362	3372	366090.661	2913126.791	161.353
203	365627.890	2913580.343	164.246	1788	365123.657	2914093.211	166.339	3373	366089.834	2913125.088	161.559
204	365626.757	2913580.743	164.074	1789	365125.176	2914094.546	166.409	3374	366092.001	2913123.101	161.619
205	365624.929	2913581.464	164.191	1790	365125.952	2914095.146	166.408	3375	366094.179	2913121.183	161.490
206	365622.466	2913580.535	164.578	1791	365127.392	2914096.405	166.515	3376	366096.246	2913119.262	161.154
207	365620.972	2913581.693	164.510	1792	365127.970	2914096.939	166.514	3377	366099.744	2913119.479	161.439
208	365619.547	2913583.389	164.370	1793	365128.772	2914097.747	166.650	3378	366102.462	2913122.672	161.297
209	365617.974	2913584.265	164.315	1794	365129.305	2914098.512	167.101	3379	366104.853	2913125.193	160.951
210	365616.963	2913585.237	164.409	1795	365128.586	2914098.974	167.075	3380	366108.064	2913128.100	161.291
211	365618.034	2913586.086	164.229	1796	365127.741	2914098.697	166.558	3381	366111.205	2913130.624	161.116
212	365619.277	2913587.873	164.177	1797	365127.527	2914100.014	167.183	3382	366114.835	2913133.662	160.872
213	365620.732	2913589.744	164.130	1798	365126.763	2914099.912	166.515	3383	366117.766	2913135.918	160.777
214	365622.636	2913592.133	163.897	1799	365126.169	2914100.482	166.543	3384	366120.581	2913138.678	160.809
215	365624.371	2913594.224	163.782	1800	365126.090	2914101.277	167.043	3385	366123.052	2913140.938	160.433
216	365626.005	2913596.099	163.875	1801	365124.873	2914101.705	166.527	3386	366125.221	2913143.130	160.220
217	365628.713	2913599.073	163.741	1802	365124.883	2914102.235	166.831	3387	366126.703	2913145.459	160.702
218	365630.529	2913601.107	163.770	1803	365123.722	2914100.925	166.447	3388	366126.738	2913146.545	160.784
219	365632.221	2913603.271	163.798	1804	365122.666	2914100.334	166.426	3389	366128.151	2913148.316	160.210
220	365632.959	2913605.294	163.816	1805	365121.686	2914099.367	166.331	3390	366130.651	2913149.771	160.176



مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
221	365634.470	2913607.924	163.703	1806	365120.404	2914098.382	166.270	3391	366134.024	2913152.201	160.442
222	365636.159	2913609.975	163.783	1807	365119.166	2914097.365	166.312	3392	366136.494	2913154.245	160.447
223	365637.902	2913612.660	163.854	1808	365118.189	2914096.472	166.427	3393	366138.851	2913155.351	160.423
224	365633.598	2913610.307	163.822	1809	365117.754	2914096.149	166.415	3394	366140.558	2913154.273	160.232
225	365631.957	2913611.921	163.759	1810	365117.185	2914097.132	166.336	3395	366142.331	2913152.088	160.036
226	365630.463	2913613.601	163.783	1811	365116.107	2914097.803	166.317	3396	366144.545	2913148.827	160.271
227	365629.318	2913614.871	163.770	1812	365115.407	2914098.291	166.372	3397	366144.145	2913147.074	160.006
228	365628.349	2913614.233	163.736	1813	365114.478	2914098.821	166.375	3398	366141.678	2913144.600	160.302
229	365626.517	2913612.473	163.797	1814	365113.600	2914099.809	166.439	3399	366139.815	2913143.035	160.104
230	365624.969	2913610.695	163.754	1815	365114.189	2914100.362	166.342	3400	366137.235	2913140.655	160.314
231	365622.989	2913608.156	163.658	1816	365114.938	2914101.464	166.374	3401	366135.028	2913138.476	160.643
232	365620.799	2913605.420	163.557	1817	365116.058	2914102.485	166.374	3402	366133.430	2913137.022	160.629
233	365618.199	2913602.878	163.639	1818	365117.036	2914103.780	166.421	3403	366130.840	2913134.030	160.823
234	365615.122	2913599.161	163.683	1819	365118.088	2914104.872	166.483	3404	366128.548	2913131.592	160.825
235	365612.932	2913596.642	163.915	1820	365119.010	2914105.967	166.525	3405	366126.424	2913129.427	160.736
236	365611.253	2913594.915	164.140	1821	365119.633	2914107.236	166.597	3406	366123.985	2913127.015	160.741
237	365609.035	2913592.379	164.225	1822	365119.647	2914107.547	166.596	3407	366121.215	2913123.702	160.826
238	365607.428	2913593.370	164.217	1823	365119.119	2914108.262	166.744	3408	366118.060	2913120.066	160.774
239	365606.150	2913594.451	164.116	1824	365118.155	2914108.909	166.979	3409	366115.488	2913117.500	160.821
240	365604.631	2913595.785	164.179	1825	365117.033	2914109.986	166.945	3410	366113.148	2913115.101	160.989
241	365603.103	2913596.557	164.378	1826	365116.209	2914110.587	167.081	3411	366110.653	2913112.547	161.182
242	365601.517	2913598.325	164.301	1827	365114.898	2914111.777	166.745	3412	366109.079	2913110.763	161.155
243	365602.049	2913599.351	164.054	1828	365114.369	2914111.529	166.490	3413	366107.726	2913109.161	161.462
244	365603.980	2913601.549	163.914	1829	365113.926	2914111.073	166.448	3414	366108.964	2913107.091	161.405
245	365605.428	2913603.669	163.828	1830	365113.177	2914110.029	166.431	3415	366112.049	2913105.034	161.160
246	365607.275	2913606.062	163.525	1831	365112.328	2914109.168	166.385	3416	366114.078	2913103.504	160.807
247	365609.265	2913608.446	163.404	1832	365111.306	2914108.053	166.327	3417	366117.450	2913100.504	160.891
248	365609.631	2913608.839	163.367	1833	365110.227	2914107.001	166.425	3418	366120.001	2913101.988	160.782
249	365611.454	2913610.923	163.497	1834	365109.286	2914105.976	166.476	3419	366121.991	2913103.589	160.531
250	365613.574	2913613.426	163.517	1835	365108.489	2914105.369	166.499	3420	366125.011	2913105.751	160.586
251	365615.653	2913615.728	163.681	1836	365107.754	2914106.131	166.511	3421	366127.724	2913108.242	160.511
252	365617.306	2913617.392	163.687	1837	365106.637	2914106.871	166.543	3422	366130.471	2913110.973	160.385
253	365618.943	2913619.100	163.792	1838	365105.806	2914107.639	166.583	3423	366133.120	2913113.453	160.333
254	365620.346	2913620.440	163.715	1839	365104.930	2914108.201	166.567	3424	366135.547	2913116.171	160.388
255	365622.332	2913621.869	163.849	1840	365105.591	2914109.116	166.500	3425	366137.926	2913118.830	160.386
256	365621.108	2913623.036	163.918	1841	365106.189	2914110.128	166.430	3426	366140.537	2913121.265	160.463
257	365619.724	2913624.536	164.029	1842	365107.241	2914111.253	166.343	3427	366142.973	2913123.482	160.253
258	365617.813	2913626.327	163.940	1843	365108.345	2914112.616	166.340	3428	366146.157	2913126.712	160.287
259	365616.016	2913627.859	164.069	1844	365109.349	2914113.675	166.357	3429	366148.865	2913129.266	160.101
260	365614.454	2913626.577	163.956	1845	365110.381	2914114.289	166.522	3430	366151.404	2913131.570	160.226
261	365612.747	2913624.917	163.948	1846	365110.670	2914114.955	166.686	3431	366153.054	2913133.196	159.991
262	365611.115	2913623.361	163.906	1847	365109.775	2914115.392	166.602	3432	366156.872	2913136.704	160.175
263	365609.407	2913621.468	163.912	1848	365108.941	2914116.285	166.593	3433	366159.021	2913134.934	160.135
264	365607.870	2913619.719	163.800	1849	365107.904	2914117.905	166.645	3434	366160.785	2913133.443	159.902
265	365606.321	2913617.940	163.597	1850	365106.792	2914119.045	166.649	3435	366163.289	2913131.077	159.881
266	365604.467	2913615.651	163.479	1851	365105.859	2914118.726	166.450	3436	366165.802	2913128.826	159.846
267	365602.817	2913613.883	163.395	1852	365105.128	2914118.091	166.426	3437	366167.865	2913127.044	160.024
268	365600.791	2913611.636	163.604	1853	365104.329	2914117.211	166.407	3438	366167.169	2913126.013	159.922
269	365598.841	2913609.334	163.918	1854	365103.414	2914116.354	166.375	3439	366165.143	2913123.403	159.967
270	365596.491	2913606.996	163.927	1855	365102.228	2914115.347	166.391	3440	366163.010	2913120.750	160.040
271	365595.346	2913605.593	164.091	1856	365101.063	2914114.413	166.376	3441	366160.725	2913117.878	160.008
272	365594.415	2913603.773	164.236	1857	365099.879	2914113.808	166.354	3442	366158.623	2913115.162	160.029
273	365592.658	2913605.233	164.375	1858	365098.620	2914114.672	166.538	3443	366156.585	2913112.223	160.018
274	365591.151	2913606.194	164.420	1859	365098.205	2914115.022	166.399	3444	366154.409	2913109.130	160.086
275	365589.668	2913607.620	164.440	1860	365097.280	2914115.754	166.408	3445	366152.347	2913106.236	160.169

استشارى المساحة / محمد نجيب
 El-Dammoud
 المهندس / محمد نجيب السيد

مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
276	365588.137	2913608.769	164.460	1861	365096.237	2914116.967	166.434	3446	366150.147	2913103.402	160.094
277	365586.616	2913610.030	164.417	1862	365095.880	2914117.618	166.386	3447	366148.047	2913100.466	160.192
278	365588.024	2913611.607	164.233	1863	365096.249	2914118.929	166.364	3448	366145.976	2913097.351	160.010
279	365589.311	2913613.280	164.034	1864	365097.238	2914120.201	166.337	3449	366143.688	2913094.401	160.221
280	365591.064	2913615.238	164.123	1865	365098.269	2914121.190	166.366	3450	366141.654	2913091.633	160.399
281	365592.590	2913617.075	163.999	1866	365099.406	2914122.137	166.508	3451	366140.020	2913089.429	160.145
282	365594.195	2913618.975	163.642	1867	365100.273	2914123.212	166.597	3452	366137.723	2913086.670	160.492
283	365596.095	2913621.373	163.567	1868	365099.888	2914124.287	166.935	3453	366136.214	2913084.871	160.570
284	365597.861	2913624.124	163.526	1869	365098.983	2914125.156	166.947	3454	366135.405	2913083.549	160.817
285	365599.589	2913626.314	163.671	1870	365097.487	2914125.914	166.674	3455	366136.767	2913082.549	160.515
286	365601.785	2913629.002	164.013	1871	365096.228	2914127.027	166.742	3456	366138.326	2913081.140	160.488
287	365603.593	2913631.032	164.105	1872	365095.517	2914126.401	166.586	3457	366139.940	2913079.831	160.506
288	365605.065	2913632.856	164.184	1873	365094.777	2914125.790	166.540	3458	366141.488	2913078.402	160.573
289	365607.659	2913635.037	164.325	1874	365093.977	2914124.753	166.484	3459	366144.350	2913075.520	160.798
290	365606.348	2913636.440	164.380	1875	365093.053	2914123.762	166.410	3460	366146.828	2913076.382	160.592
291	365605.008	2913637.427	164.292	1876	365092.189	2914122.877	166.457	3461	366148.997	2913077.598	160.269
292	365603.382	2913638.650	164.375	1877	365091.256	2914121.852	166.483	3462	366151.972	2913079.650	160.469
293	365601.955	2913640.018	164.295	1878	365090.622	2914122.868	166.523	3463	366154.772	2913081.799	160.374
294	365600.661	2913638.943	164.150	1879	365090.016	2914123.716	166.435	3464	366157.767	2913084.058	160.246
295	365599.423	2913637.387	164.208	1880	365089.181	2914125.247	166.420	3465	366160.563	2913085.843	160.221
296	365598.359	2913635.864	164.201	1881	365088.164	2914125.564	166.448	3466	366163.058	2913088.315	160.188
297	365596.674	2913634.274	164.120	1882	365088.670	2914126.015	166.481	3467	366165.086	2913090.044	160.122
298	365594.820	2913632.315	163.950	1883	365089.269	2914126.762	166.389	3468	366167.153	2913091.805	159.829
299	365592.820	2913630.281	163.761	1884	365090.260	2914127.688	166.346	3469	366170.152	2913094.193	159.783
300	365591.036	2913628.496	163.652	1885	365091.277	2914128.802	166.441	3470	366172.777	2913096.547	159.996
301	365588.706	2913625.842	163.677	1886	365092.333	2914129.617	166.476	3471	366175.705	2913098.907	159.820
302	365586.240	2913623.513	163.872	1887	365092.804	2914130.450	166.852	3472	366178.096	2913101.505	159.846
303	365584.286	2913621.713	164.044	1888	365092.400	2914131.176	166.823	3473	366180.544	2913104.058	159.973
304	365582.063	2913619.576	164.089	1889	365091.530	2914132.014	167.025	3474	366182.151	2913106.116	159.766
305	365580.415	2913617.956	164.104	1890	365089.402	2914131.842	166.568	3475	366183.692	2913107.864	159.902
306	365579.135	2913616.549	164.288	1891	365088.374	2914130.792	166.365	3476	366185.978	2913110.109	160.108
307	365577.344	2913617.881	164.369	1892	365087.289	2914129.767	166.314	3477	366187.632	2913110.322	160.185
308	365576.304	2913619.410	164.288	1893	365086.875	2914129.661	166.435	3478	366190.030	2913108.868	160.288
309	365574.398	2913621.195	164.434	1894	365087.305	2914127.982	166.412	3479	366191.710	2913107.525	160.096
310	365575.489	2913622.454	164.288	1895	365085.879	2914127.670	166.681	3480	366194.823	2913106.417	160.175
311	365577.887	2913624.949	164.127	1896	365085.274	2914127.564	166.811	3481	366198.088	2913104.904	160.363
312	365580.507	2913627.819	164.016	1897	365088.941	2914132.140	166.685	3482	366198.244	2913103.361	160.304
313	365582.143	2913629.832	163.905	1898	365088.057	2914133.279	166.575	3483	366197.726	2913101.263	160.351
314	365584.529	2913632.698	163.895	1899	365086.820	2914133.946	166.631	3484	366196.930	2913099.196	160.256
315	365586.902	2913635.145	163.985	1900	365085.922	2914135.006	166.861	3485	366195.230	2913096.501	160.471
316	365588.705	2913637.151	164.143	1901	365085.110	2914135.542	166.860	3486	366193.210	2913093.511	160.467
317	365590.627	2913639.083	164.317	1902	365084.476	2914136.345	166.954	3487	366190.977	2913090.820	160.481
318	365592.596	2913640.994	164.396	1903	365083.256	2914137.383	166.965	3488	366188.444	2913088.742	160.614
319	365593.607	2913644.504	164.541	1904	365082.665	2914133.387	166.274	3489	366185.998	2913086.257	160.623
320	365596.068	2913646.846	164.705	1905	365082.431	2914133.089	166.263	3490	366183.904	2913083.447	160.288
321	365593.753	2913649.823	164.664	1906	365082.109	2914132.883	166.216	3491	366181.351	2913081.088	160.272
322	365592.256	2913651.535	164.610	1907	365081.731	2914132.374	166.196	3492	366178.738	2913079.043	160.057
323	365591.318	2913652.723	164.516	1908	365080.777	2914132.622	166.145	3493	366176.033	2913076.605	160.098
324	365589.411	2913651.598	164.486	1909	365079.694	2914132.692	166.090	3494	366173.230	2913074.065	160.501
325	365586.865	2913649.809	164.578	1910	365078.736	2914132.983	166.100	3495	366170.637	2913071.956	161.073
326	365583.935	2913647.918	164.421	1911	365077.963	2914132.790	166.084	3496	366168.532	2913069.679	161.189
327	365581.402	2913645.492	164.473	1912	365076.757	2914132.542	166.115	3497	366166.008	2913067.386	161.353
328	365578.667	2913643.148	164.180	1913	365075.444	2914132.345	166.197	3498	366164.275	2913065.674	161.212
329	365575.822	2913640.216	164.108	1914	365073.422	2914132.499	166.250	3499	366161.780	2913063.531	161.464
330	365573.817	2913638.062	164.387	1915	365074.018	2914132.935	166.253	3500	366160.170	2913060.863	161.683

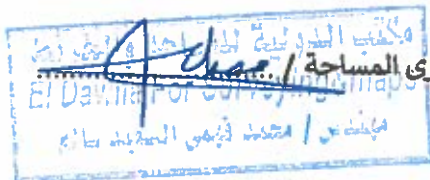
استشارى المساحة / محمد نجيب
مهندس المساحة / محمد نجيب

مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جاري) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
331	365572.095	2913636.468	164.633	1916	365075.165	2914133.958	166.210	3501	366161.694	2913058.897	161.605
332	365569.614	2913634.499	164.932	1917	365075.989	2914134.859	166.195	3502	366163.875	2913056.372	161.871
333	365568.249	2913633.051	164.971	1918	365076.773	2914135.764	166.210	3503	366166.436	2913053.166	162.074
334	365566.504	2913631.850	165.102	1919	365077.630	2914136.489	166.185	3504	366168.424	2913053.632	161.854
335	365565.352	2913630.227	165.344	1920	365078.737	2914137.490	166.292	3505	366171.603	2913054.911	161.718
336	365563.984	2913631.877	165.350	1921	365079.502	2914138.431	166.500	3506	366174.154	2913056.586	161.607
337	365561.060	2913634.303	165.205	1922	365078.839	2914138.902	166.384	3507	366176.799	2913058.766	161.661
338	365559.546	2913635.614	165.092	1923	365078.067	2914139.496	166.308	3508	366179.293	2913060.838	161.787
339	365559.646	2913635.665	165.076	1924	365076.719	2914140.648	166.376	3509	366182.091	2913062.089	161.610
340	365557.654	2913636.677	164.991	1925	365075.753	2914141.608	166.386	3510	366184.918	2913063.844	161.726
341	365556.119	2913637.539	164.877	1926	365075.020	2914141.947	166.332	3511	366187.324	2913065.568	161.412
342	365557.224	2913638.520	164.796	1927	365074.184	2914142.504	166.317	3512	366189.823	2913067.901	161.379
343	365558.605	2913639.556	164.749	1928	365073.609	2914141.913	166.247	3513	366191.969	2913070.834	161.432
344	365560.251	2913641.231	164.660	1929	365072.812	2914141.216	166.189	3514	366194.497	2913073.290	161.465
345	365561.469	2913642.742	164.711	1930	365071.784	2914140.058	166.120	3515	366196.657	2913074.928	160.943
346	365562.913	2913644.222	164.552	1931	365070.801	2914138.955	166.134	3516	366200.422	2913078.220	161.010
347	365564.569	2913645.821	164.427	1932	365069.764	2914137.908	166.184	3517	366203.125	2913080.528	160.913
348	365566.019	2913647.206	164.222	1933	365068.985	2914136.768	166.174	3518	366205.189	2913082.494	160.611
349	365568.293	2913649.671	164.075	1934	365068.250	2914136.130	166.233	3519	366207.850	2913084.981	160.845
350	365570.711	2913652.118	163.980	1935	365067.639	2914136.543	166.153	3520	366210.646	2913086.866	160.921
351	365572.580	2913654.085	163.931	1936	365066.944	2914137.358	166.122	3521	366213.309	2913087.350	160.988
352	365574.514	2913656.343	163.897	1937	365066.371	2914138.722	166.161	3522	366215.764	2913085.208	160.977
353	365576.368	2913658.247	163.997	1938	365065.531	2914139.561	166.109	3523	366219.076	2913082.310	161.288
354	365577.827	2913660.094	164.122	1939	365064.672	2914140.301	166.131	3524	366221.469	2913080.584	161.481
355	365579.631	2913662.145	163.912	1940	365064.990	2914140.968	166.199	3525	366223.708	2913078.398	161.602
356	365582.193	2913664.808	164.100	1941	365065.527	2914141.874	166.187	3526	366223.057	2913075.930	161.720
357	365580.807	2913666.062	164.009	1942	365066.568	2914142.839	166.247	3527	366221.286	2913072.984	161.840
358	365579.856	2913667.627	164.038	1943	365067.695	2914143.803	166.191	3528	366219.921	2913071.147	161.719
359	365578.538	2913669.414	164.043	1944	365068.769	2914144.903	166.234	3529	366217.718	2913068.271	161.699
360	365577.707	2913670.537	163.862	1945	365069.273	2914145.445	166.294	3530	366214.699	2913064.306	161.945
361	365575.916	2913669.466	163.877	1946	365069.898	2914146.459	166.464	3531	366212.886	2913062.411	161.778
362	365574.614	2913668.651	163.960	1947	365069.109	2914147.322	166.431	3532	366210.707	2913059.293	161.818
363	365573.111	2913666.993	163.706	1948	365068.414	2914147.949	166.384	3533	366208.406	2913056.295	161.952
364	365571.027	2913665.106	163.911	1949	365067.822	2914148.297	166.384	3534	366206.055	2913053.029	162.071
365	365569.003	2913663.257	163.804	1950	365067.209	2914147.492	166.342	3535	366203.877	2913049.945	162.021
366	365566.806	2913661.229	163.851	1951	365066.524	2914146.557	166.344	3536	366201.187	2913047.451	162.096
367	365564.819	2913659.654	163.806	1952	365065.626	2914145.532	166.291	3537	366198.507	2913044.910	162.029
368	365562.850	2913657.241	163.704	1953	365064.688	2914144.447	166.317	3538	366196.708	2913042.872	161.908
369	365560.183	2913655.085	163.666	1954	365063.780	2914143.740	166.370	3539	366193.947	2913040.126	162.168
370	365558.169	2913653.131	163.767	1955	365062.956	2914143.267	166.328	3540	366191.310	2913037.381	162.239
371	365556.090	2913651.142	163.863	1956	365062.153	2914142.811	166.319	3541	366188.807	2913034.687	162.322
372	365554.254	2913649.376	163.775	1957	365061.170	2914142.199	166.430	3542	366187.087	2913033.011	162.184
373	365552.854	2913647.887	163.830	1958	365060.815	2914141.297	166.566	3543	366184.766	2913030.333	162.254
374	365551.111	2913645.759	164.019	1959	365068.246	2914149.147	166.649	3544	366183.915	2913028.571	162.194
375	365549.619	2913644.779	163.998	1960	365068.076	2914149.910	166.804	3545	366185.019	2913026.869	162.156
376	365548.152	2913643.664	164.053	1961	365067.919	2914151.339	167.028	3546	366187.717	2913024.300	162.189
377	365546.067	2913646.189	164.093	1962	365066.925	2914152.932	167.116	3547	366190.311	2913021.446	162.284
378	365544.885	2913647.560	164.011	1963	365066.880	2914153.621	167.062	3548	366193.810	2913018.119	162.303
379	365542.964	2913649.637	164.037	1964	365066.534	2914155.080	167.060	3549	366196.945	2913019.272	162.194
380	365543.541	2913650.917	163.898	1965	365065.866	2914156.278	167.021	3550	366199.678	2913021.635	162.041
381	365545.047	2913652.824	163.929	1966	365065.075	2914157.083	167.176	3551	366202.852	2913024.221	161.864
382	365546.718	2913654.935	163.797	1967	365063.910	2914158.068	167.559	3552	366204.835	2913026.098	161.607
383	365548.474	2913656.724	163.784	1968	365062.891	2914159.089	167.765	3553	366207.611	2913028.868	161.653
384	365550.197	2913658.761	163.815	1969	365062.278	2914159.545	167.725	3554	366210.440	2913031.610	161.778
385	365552.579	2913661.315	163.765	1970	365061.783	2914160.268	167.184	3555	366212.431	2913033.536	161.531

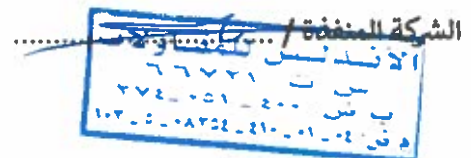
مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
386	365554.800	2913663.445	163.727	1971	365061.232	2914161.456	167.319	3556	366215.130	2913036.632	161.876
387	365556.805	2913665.323	163.600	1972	365060.440	2914162.164	167.207	3557	366217.183	2913039.505	162.000
388	365559.018	2913667.429	163.637	1973	365059.667	2914162.870	167.267	3558	366218.610	2913041.791	161.764
389	365560.552	2913668.856	163.495	1974	365058.948	2914163.491	167.297	3559	366220.434	2913045.441	161.953
390	365563.083	2913671.120	163.453	1975	365058.287	2914162.505	166.986	3560	366222.493	2913048.735	161.780
391	365564.979	2913672.912	163.358	1976	365057.505	2914161.650	166.717	3561	366224.872	2913051.936	161.870
392	365566.825	2913674.367	163.284	1977	365056.617	2914160.332	166.675	3562	366227.517	2913055.180	161.870
393	365568.928	2913676.287	163.473	1978	365055.675	2914160.399	166.772	3563	366230.284	2913058.297	161.975
394	365571.339	2913678.389	163.635	1979	365054.417	2914160.948	166.819	3564	366232.110	2913060.330	161.664
395	365569.647	2913680.147	163.363	1980	365053.146	2914161.300	166.836	3565	366234.665	2913062.995	161.877
396	365568.133	2913681.912	163.350	1981	365053.591	2914161.822	166.785	3566	366236.517	2913064.517	162.009
397	365566.899	2913683.661	163.235	1982	365054.305	2914162.915	166.727	3567	366238.326	2913064.719	162.143
398	365565.998	2913684.980	163.345	1983	365055.438	2914164.016	166.772	3568	366240.092	2913063.186	162.065
399	365564.520	2913686.580	163.337	1984	365055.674	2914164.868	166.866	3569	366243.324	2913059.586	162.186
400	365563.187	2913685.424	163.356	1985	365054.914	2914165.727	166.874	3570	366245.896	2913056.775	161.984
401	365561.631	2913683.861	163.431	1986	365054.131	2914166.587	166.935	3571	366249.258	2913053.525	162.099
402	365560.129	2913682.406	163.292	1987	365053.093	2914167.661	166.989	3572	366250.502	2913052.129	162.171
403	365558.333	2913680.897	163.457	1988	365052.067	2914168.612	167.064	3573	366249.927	2913051.166	162.135
404	365556.404	2913678.906	163.498	1989	365051.172	2914169.401	166.998	3574	366248.550	2913049.393	161.959
405	365554.212	2913677.004	163.599	1990	365049.955	2914170.260	167.057	3575	366246.680	2913047.737	161.794
406	365552.279	2913675.161	163.683	1991	365049.359	2914170.057	166.983	3576	366244.317	2913045.715	162.045
407	365550.381	2913673.103	163.656	1992	365048.546	2914169.349	167.006	3577	366242.440	2913043.419	162.060
408	365548.538	2913671.325	163.645	1993	365047.574	2914168.521	167.012	3578	366240.901	2913041.698	161.769
409	365546.934	2913669.742	163.752	1994	365046.607	2914167.831	167.016	3579	366239.121	2913039.290	161.441
410	365545.323	2913668.421	163.784	1995	365045.999	2914167.303	167.028	3580	366237.605	2913037.528	161.139
411	365543.042	2913666.775	163.894	1996	365045.349	2914168.292	167.029	3581	366236.324	2913035.910	161.148
412	365541.708	2913665.670	163.850	1997	365044.498	2914169.176	167.042	3582	366234.802	2913034.192	161.249
413	365540.136	2913664.159	163.898	1998	365043.429	2914170.114	167.114	3583	366233.239	2913032.310	161.183
414	365538.351	2913662.602	163.946	1999	365042.032	2914171.039	167.103	3584	366231.762	2913030.529	161.253
415	365536.430	2913660.892	164.085	2000	365041.611	2914171.476	167.106	3585	366230.349	2913028.843	161.325
416	365535.062	2913659.595	164.055	2001	365041.966	2914172.300	167.104	3586	366228.988	2913027.159	161.306
417	365533.462	2913658.232	164.272	2002	365043.066	2914173.112	167.114	3587	366227.554	2913025.367	161.337
418	365532.358	2913659.132	164.328	2003	365044.091	2914174.261	167.140	3588	366224.895	2913022.744	161.560
419	365530.475	2913660.569	164.330	2004	365045.183	2914175.669	167.352	3589	366222.480	2913020.333	161.994
420	365528.683	2913661.647	164.348	2005	365044.311	2914176.252	167.291	3590	366220.195	2913017.706	161.981
421	365529.741	2913663.248	164.284	2006	365042.923	2914177.527	167.216	3591	366218.071	2913015.460	161.992
422	365531.246	2913664.916	164.175	2007	365042.153	2914178.477	167.296	3592	366216.121	2913012.989	162.107
423	365533.621	2913667.183	164.131	2008	365040.982	2914179.931	167.338	3593	366213.871	2913010.566	162.293
424	365535.528	2913669.119	164.113	2009	365040.510	2914180.500	167.305	3594	366212.578	2913008.663	162.257
425	365537.690	2913671.248	164.023	2010	365039.664	2914181.407	167.329	3595	366210.871	2913006.368	162.527
426	365539.130	2913673.014	163.944	2011	365038.938	2914181.107	167.239	3596	366210.366	2913004.757	162.693
427	365541.326	2913675.282	163.886	2012	365037.963	2914180.323	167.181	3597	366212.581	2913002.758	162.737
428	365543.812	2913677.219	163.876	2013	365036.999	2914179.481	167.132	3598	366214.609	2913001.264	162.643
429	365546.311	2913679.286	163.779	2014	365036.176	2914178.624	167.091	3599	366216.701	2912999.780	162.553
430	365548.652	2913681.377	163.674	2015	365035.924	2914178.296	167.078	3600	366218.648	2912998.255	162.622
431	365550.905	2913683.426	163.626	2016	365035.393	2914179.239	166.978	3601	366220.615	2912996.810	162.661
432	365552.687	2913685.191	163.493	2017	365034.311	2914180.219	166.965	3602	366222.610	2912995.405	162.672
433	365554.583	2913686.816	163.412	2018	365033.298	2914181.472	166.936	3603	366225.023	2912993.841	162.816
434	365556.220	2913689.526	163.358	2019	365032.603	2914182.436	166.926	3604	366230.137	2912997.382	162.619
435	365558.019	2913690.482	163.216	2020	365031.788	2914183.377	166.911	3605	366231.523	2912998.570	162.448
436	365560.078	2913692.056	163.200	2021	365032.030	2914184.378	166.976	3606	366233.273	2912999.828	162.074
437	365557.636	2913693.131	163.531	2022	365032.886	2914185.610	167.036	3607	366235.225	2913001.230	162.186
438	365557.707	2913693.133	163.570	2023	365033.883	2914186.553	167.089	3608	366237.263	2913002.458	162.272
439	365556.620	2913694.164	163.463	2024	365034.048	2914187.101	167.141	3609	366240.448	2913004.428	162.252
440	365554.615	2913696.041	163.311	2025	365032.845	2914188.028	167.048	3610	366242.917	2913005.880	162.047



استشارى المساحة / محمد

صفحة 8



مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
441	365552.736	2913695.399	163.347	2026	365032.038	2914188.822	167.095	3611	366245.718	2913007.617	161.730
442	365551.259	2913693.348	163.491	2027	365031.702	2914189.839	167.353	3612	366247.657	2913008.914	161.709
443	365549.592	2913691.356	163.433	2028	365031.001	2914190.583	167.360	3613	366249.489	2913010.285	161.800
444	365547.632	2913689.297	163.687	2029	365029.990	2914191.690	167.309	3614	366251.490	2913011.579	161.701
445	365546.199	2913687.986	163.591	2030	365028.625	2914192.699	167.208	3615	366254.375	2913013.271	161.618
446	365544.105	2913686.130	163.737	2031	365027.883	2914193.539	167.218	3616	366257.120	2913014.989	161.964
447	365542.690	2913684.922	163.823	2032	365027.026	2914192.981	167.019	3617	366259.550	2913016.632	161.996
448	365541.552	2913683.964	163.867	2033	365025.984	2914192.277	166.945	3618	366261.895	2913018.308	161.931
449	365540.027	2913682.488	163.870	2034	365025.038	2914191.511	166.955	3619	366263.870	2913019.431	161.947
450	365537.704	2913680.643	163.972	2035	365024.186	2914190.737	166.863	3620	366265.713	2913020.547	162.029
451	365535.959	2913678.810	164.032	2036	365023.694	2914190.994	166.819	3621	366267.589	2913021.628	162.135
452	365533.637	2913676.690	164.134	2037	365022.169	2914192.189	166.936	3622	366269.595	2913022.740	162.224
453	365532.530	2913676.572	164.161	2038	365021.166	2914193.215	166.952	3623	366271.447	2913023.808	162.179
454	365531.153	2913675.082	164.171	2039	365019.974	2914194.232	166.916	3624	366273.427	2913024.669	162.250
455	365529.922	2913673.819	164.148	2040	365018.277	2914195.643	166.898	3625	366275.202	2913024.737	162.145
456	365528.496	2913672.329	164.181	2041	365017.431	2914196.490	166.843	3626	366276.502	2913023.910	162.137
457	365526.717	2913670.497	164.284	2042	365018.064	2914197.793	167.013	3627	366277.762	2913022.447	162.075
458	365524.986	2913668.614	164.304	2043	365019.033	2914198.632	167.049	3628	366280.173	2913019.896	162.096
459	365523.235	2913667.107	164.291	2044	365019.999	2914199.616	167.069	3629	366282.635	2913017.555	162.156
460	365521.465	2913665.581	164.402	2045	365020.847	2914200.763	167.351	3630	366284.427	2913015.557	162.087
461	365520.214	2913666.480	164.371	2046	365020.168	2914201.333	167.284	3631	366286.244	2913013.877	162.126
462	365518.827	2913667.628	164.236	2047	365019.445	2914202.052	167.280	3632	366288.195	2913011.737	162.100
463	365516.951	2913669.561	164.364	2048	365018.577	2914202.867	167.356	3633	366289.893	2913010.262	162.099
464	365514.944	2913671.271	164.229	2049	365017.968	2914203.589	167.336	3634	366289.469	2913008.870	161.876
465	365515.337	2913673.109	164.291	2050	365016.699	2914204.912	167.511	3635	366287.333	2913006.118	161.660
466	365517.043	2913675.202	164.324	2051	365016.116	2914205.489	167.434	3636	366284.702	2913003.577	161.826
467	365518.552	2913677.317	164.265	2052	365014.904	2914204.891	167.517	3637	366282.151	2913001.157	161.703
468	365519.848	2913679.385	164.208	2053	365014.019	2914204.007	167.256	3638	366279.446	2912998.898	161.467
469	365521.818	2913681.977	164.203	2054	365012.833	2914203.125	167.034	3639	366277.199	2912996.652	161.391
470	365523.087	2913684.102	164.167	2055	365011.598	2914201.880	167.023	3640	366274.640	2912994.036	161.348
471	365524.522	2913686.074	164.227	2056	365010.815	2914201.393	166.851	3641	366271.515	2912990.579	161.464
472	365526.520	2913688.561	164.251	2057	365009.729	2914202.269	166.909	3642	366269.097	2912988.399	161.658
473	365528.109	2913690.290	164.160	2058	365008.853	2914202.718	166.830	3643	366266.535	2912985.914	161.951
474	365529.888	2913691.755	163.886	2059	365007.691	2914203.825	166.779	3644	366263.732	2912983.261	162.271
475	365532.513	2913694.001	164.040	2060	365006.633	2914204.526	166.766	3645	366260.922	2912980.674	162.507
476	365534.487	2913695.791	163.890	2061	365006.716	2914205.313	166.983	3646	366258.252	2912978.397	162.694
477	365536.777	2913698.360	163.976	2062	365007.402	2914206.249	167.051	3647	366256.716	2912976.706	162.742
478	365537.491	2913699.559	163.888	2063	365008.149	2914207.365	167.038	3648	366255.603	2912975.242	162.615
479	365538.626	2913700.550	163.786	2064	365007.503	2914208.291	166.887	3649	366256.302	2912973.830	162.557
480	365540.032	2913702.162	163.601	2065	365005.987	2914209.621	166.878	3650	366257.968	2912972.453	162.478
481	365541.920	2913704.616	163.558	2066	365005.152	2914210.624	166.709	3651	366260.781	2912969.975	162.662
482	365540.791	2913706.239	163.507	2067	365004.402	2914211.386	166.779	3652	366263.361	2912967.857	162.691
483	365539.070	2913707.757	163.529	2068	365003.882	2914212.504	166.684	3653	366265.954	2912965.801	162.730
484	365536.659	2913710.249	163.552	2069	365002.725	2914214.840	166.568	3654	366267.772	2912964.312	162.562
485	365534.378	2913709.516	163.689	2070	365001.444	2914214.502	166.459	3655	366270.378	2912962.203	162.736
486	365532.460	2913708.004	163.803	2071	365000.296	2914213.482	166.426	3656	366272.531	2912960.226	162.773
487	365530.707	2913706.549	163.783	2072	364999.095	2914212.368	166.428	3657	366274.303	2912958.490	162.850
488	365529.145	2913705.334	163.955	2073	364998.309	2914212.853	166.375	3658	366275.902	2912957.226	162.852
489	365527.186	2913703.689	163.932	2074	364996.129	2914214.643	166.486	3659	366277.914	2912958.987	162.810
490	365525.301	2913701.941	163.869	2075	364995.751	2914215.314	166.285	3660	366280.553	2912961.643	162.471
491	365522.991	2913699.752	163.982	2076	364994.219	2914216.730	166.404	3661	366283.965	2912964.822	162.604
492	365521.096	2913698.118	163.968	2077	364994.765	2914217.578	166.397	3662	366287.155	2912967.316	162.519
493	365519.546	2913696.497	163.917	2078	364995.892	2914218.523	166.400	3663	366290.199	2912969.867	162.549
494	365517.938	2913694.813	163.917	2079	364997.019	2914220.119	166.648	3664	366293.397	2912972.628	162.403
495	365516.226	2913693.187	164.021	2080	364995.261	2914221.267	166.673	3665	366296.248	2912975.329	162.259

شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
496	365514.510	2913691.722	163.990	2081	364994.019	2914222.382	166.515	3666	366298.853	2912978.011	162.167
497	365513.063	2913690.207	163.957	2082	364992.464	2914223.651	166.602	3667	366301.555	2912981.055	162.103
498	365511.492	2913688.508	164.066	2083	364991.627	2914224.488	166.505	3668	366304.816	2912984.361	162.068
499	365509.572	2913686.226	164.181	2084	364990.773	2914225.653	166.686	3669	366307.100	2912986.864	161.983
500	365508.039	2913684.896	164.135	2085	364989.885	2914225.287	166.349	3670	366309.378	2912988.789	161.671
501	365506.754	2913683.474	164.026	2086	364988.985	2914224.743	166.252	3671	366310.866	2912990.115	161.774
502	365505.154	2913681.843	164.334	2087	364987.464	2914223.426	166.248	3672	366311.812	2912988.939	161.775
503	365503.831	2913680.231	164.392	2088	364986.759	2914222.784	166.223	3673	366313.266	2912986.848	161.819
504	365502.219	2913680.674	164.421	2089	364986.194	2914223.595	166.138	3674	366315.795	2912984.563	161.851
505	365500.591	2913682.610	164.343	2090	364984.644	2914224.616	166.046	3675	366316.809	2912982.944	161.868
506	365498.852	2913684.244	164.337	2091	364984.738	2914225.073	166.100	3676	366319.415	2912981.036	162.015
507	365496.922	2913685.742	164.277	2092	364985.362	2914226.211	166.122	3677	366318.455	2912979.584	162.088
508	365497.129	2913687.717	164.200	2093	364986.092	2914227.377	166.187	3678	366315.364	2912976.020	162.222
509	365498.920	2913689.826	164.206	2094	364986.642	2914228.163	166.419	3679	366312.619	2912972.964	162.219
510	365500.329	2913692.193	164.103	2095	364985.404	2914229.243	166.252	3680	366309.270	2912969.101	162.415
511	365501.731	2913694.435	163.924	2096	364984.724	2914229.959	166.175	3681	366306.647	2912966.211	162.512
512	365502.859	2913697.037	163.978	2097	364983.425	2914231.075	166.107	3682	366304.114	2912962.972	162.540
513	365503.869	2913699.245	163.868	2098	364982.355	2914231.890	165.947	3683	366301.577	2912959.985	162.587
514	365505.239	2913701.931	163.971	2099	364980.759	2914231.538	165.903	3684	366298.960	2912956.709	162.640
515	365506.261	2913704.113	163.982	2100	364979.695	2914230.284	165.800	3685	366296.279	2912953.531	162.710
516	365507.832	2913706.962	164.005	2101	364978.271	2914228.403	165.780	3686	366293.759	2912950.431	162.796
517	365509.015	2913709.049	163.919	2102	364977.787	2914227.949	165.786	3687	366291.797	2912947.960	162.712
518	365510.363	2913711.238	163.807	2103	364976.236	2914226.373	165.736	3688	366290.290	2912946.047	162.702
519	365512.297	2913714.021	163.932	2104	364974.459	2914225.083	165.587	3689	366288.823	2912943.899	162.649
520	365513.426	2913715.480	163.757	2105	364971.538	2914222.788	165.640	3690	366289.633	2912942.521	162.566
521	365514.797	2913717.660	163.704	2106	364969.689	2914221.349	165.815	3691	366291.893	2912940.802	162.690
522	365516.150	2913719.795	163.835	2107	364967.887	2914219.624	165.864	3692	366294.027	2912942.462	162.754
523	365517.659	2913721.926	164.058	2108	364966.191	2914218.235	165.908	3693	366296.567	2912944.709	162.768
524	365519.200	2913725.391	164.312	2109	364964.656	2914216.798	165.847	3694	366299.281	2912947.481	162.791
525	365513.373	2913727.776	163.907	2110	364963.109	2914215.267	165.821	3695	366302.024	2912950.265	162.734
526	365511.231	2913729.932	163.917	2111	364961.735	2914213.839	165.708	3696	366304.384	2912952.802	162.745
527	365510.018	2913731.710	163.690	2112	364960.324	2914212.406	165.624	3697	366306.859	2912955.384	162.704
528	365508.291	2913731.242	163.715	2113	364959.466	2914211.156	165.566	3698	366309.357	2912958.273	162.630
529	365506.815	2913729.538	163.980	2114	364959.808	2914210.815	165.535	3699	366311.963	2912961.087	162.602
530	365505.161	2913727.977	164.021	2115	364961.039	2914209.895	165.527	3700	366314.341	2912963.680	162.488
531	365503.469	2913726.213	164.092	2116	364962.453	2914208.674	165.486	3701	366316.914	2912966.337	162.457
532	365501.857	2913724.503	164.100	2117	364964.032	2914207.596	165.457	3702	366319.360	2912968.903	162.405
533	365500.090	2913722.716	164.077	2118	364965.418	2914206.358	165.516	3703	366321.525	2912971.433	162.315
534	365498.243	2913720.899	164.031	2119	364966.937	2914205.146	165.523	3704	366323.660	2912973.905	162.286
535	365496.520	2913719.212	164.006	2120	364968.426	2914203.956	165.533	3705	366325.204	2912975.884	162.285
536	365494.654	2913717.724	163.898	2121	364969.802	2914202.618	165.589	3706	366067.962	2913184.276	160.590
537	365492.902	2913716.322	163.788	2122	364971.279	2914201.374	165.546	3707	366068.861	2913184.926	160.522
538	365491.497	2913714.588	163.657	2123	364972.731	2914200.081	165.525	3708	366076.444	2913197.698	160.069
539	365490.028	2913712.422	163.992	2124	364974.232	2914198.855	165.547	3709	366074.559	2913196.417	160.064
540	365488.944	2913710.561	164.075	2125	364975.711	2914197.387	165.493	3710	366071.808	2913192.859	160.176
541	365487.295	2913708.550	164.098	2126	364976.959	2914196.781	165.477	3711	366069.150	2913189.510	160.352
542	365485.796	2913706.531	164.225	2127	364977.968	2914197.804	165.541	3712	366067.113	2913187.215	160.183
543	365484.283	2913704.627	164.315	2128	364979.523	2914198.047	165.575	3713	366064.291	2913184.216	160.509
544	365482.315	2913702.939	164.389	2129	364981.048	2914197.908	165.603	3714	366062.165	2913182.119	160.287
545	365480.279	2913701.201	164.516	2130	364981.858	2914198.058	165.678	3715	366059.189	2913179.261	160.521
546	365479.128	2913701.983	164.483	2131	364980.598	2914199.508	165.613	3716	366056.986	2913177.283	160.530
547	365478.176	2913703.362	164.468	2132	364978.907	2914200.566	165.564	3717	366054.510	2913174.211	160.693
548	365478.891	2913704.083	164.333	2133	364977.367	2914201.710	165.538	3718	366055.778	2913172.029	160.780
549	365479.828	2913706.278	164.397	2134	364976.247	2914202.505	165.627	3719	366056.964	2913169.673	160.774
550	365479.633	2913707.315	164.268	2135	364974.155	2914204.001	165.714	3720	366058.346	2913167.542	160.755

شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
551	365479.803	2913708.485	164.225	2136	364973.428	2914204.502	165.597	3721	366060.405	2913166.976	160.959
552	365480.702	2913709.726	164.153	2137	364971.961	2914205.849	165.606	3722	366062.525	2913168.414	160.851
553	365481.931	2913711.499	164.159	2138	364970.291	2914206.965	165.553	3723	366065.147	2913171.327	160.868
554	365482.926	2913713.015	164.001	2139	364968.770	2914208.165	165.547	3724	366066.808	2913173.300	160.615
555	365484.808	2913715.257	163.969	2140	364967.233	2914209.519	165.640	3725	366068.207	2913175.498	160.630
556	365485.791	2913717.107	163.735	2141	364966.578	2914210.225	165.575	3726	366070.371	2913178.590	160.648
557	365487.745	2913720.328	164.014	2142	364965.106	2914211.423	165.634	3727	366071.668	2913180.874	160.416
558	365488.900	2913721.949	163.932	2143	364963.737	2914212.721	165.690	3728	366073.172	2913182.935	160.408
559	365490.538	2913724.213	164.044	2144	364962.449	2914213.949	165.710	3729	366074.574	2913185.162	160.501
560	365492.158	2913726.406	164.155	2145	364964.269	2914215.503	165.816	3730	366075.799	2913187.242	160.430
561	365493.953	2913728.610	164.052	2146	364965.360	2914216.426	165.850	3731	366077.071	2913188.992	160.452
562	365495.141	2913730.069	163.929	2147	364966.462	2914217.567	165.816	3732	366078.801	2913190.460	160.320
563	365497.461	2913732.879	164.156	2148	364968.104	2914216.960	165.868	3733	366081.578	2913192.630	160.156
564	365499.005	2913734.588	164.145	2149	364968.830	2914216.336	165.847	3734	366083.309	2913192.375	160.314
565	365499.754	2913735.557	164.205	2150	364970.307	2914215.173	165.813	3735	366085.294	2913190.629	160.695
566	365500.353	2913736.209	163.551	2151	364971.765	2914213.874	165.753	3736	366087.347	2913189.521	160.620
567	365501.604	2913737.495	163.420	2152	364973.201	2914212.448	165.834	3737	366088.264	2913188.270	160.698
568	365503.650	2913739.593	163.528	2153	364974.607	2914210.985	165.893	3738	366087.800	2913185.265	160.853
569	365502.752	2913741.567	163.643	2154	364976.079	2914209.571	165.847	3739	366086.389	2913183.408	160.577
570	365500.959	2913743.165	163.590	2155	364977.663	2914208.107	165.892	3740	366085.146	2913180.925	160.078
571	365499.327	2913744.726	163.430	2156	364979.184	2914206.774	165.861	3741	366083.680	2913178.627	159.900
572	365497.787	2913744.047	163.157	2157	364980.701	2914205.344	165.882	3742	366082.203	2913176.321	159.979
573	365495.499	2913742.104	163.428	2158	364982.136	2914203.949	165.872	3743	366080.109	2913173.231	160.335
574	365495.135	2913741.520	163.941	2159	364983.521	2914202.611	165.875	3744	366077.863	2913170.491	160.522
575	365494.417	2913740.804	163.921	2160	364984.880	2914201.467	165.885	3745	366075.991	2913168.713	160.497
576	365493.655	2913740.011	163.811	2161	364986.296	2914202.562	165.897	3746	366075.861	2913168.508	160.537
577	365492.442	2913738.853	163.740	2162	364987.560	2914203.847	165.901	3747	366074.503	2913167.493	160.581
578	365490.455	2913737.088	163.937	2163	364988.639	2914205.318	165.801	3748	366072.911	2913165.751	160.639
579	365488.540	2913735.339	163.981	2164	364987.918	2914206.547	165.794	3749	366070.648	2913162.651	160.562
580	365487.218	2913734.259	163.876	2165	364986.499	2914207.626	165.795	3750	366069.190	2913160.341	161.261
581	365485.189	2913732.642	164.079	2166	364984.989	2914208.803	165.828	3751	366068.087	2913158.897	161.167
582	365483.356	2913731.108	164.090	2167	364984.254	2914209.397	165.703	3752	366066.690	2913157.281	161.310
583	365481.376	2913729.716	164.097	2168	364982.845	2914210.695	165.808	3753	366064.459	2913154.599	161.493
584	365480.116	2913728.697	163.928	2169	364981.369	2914212.021	165.860	3754	366062.500	2913152.062	161.408
585	365477.899	2913726.890	164.009	2170	364980.071	2914213.608	165.843	3755	366065.783	2913153.510	161.341
586	365475.865	2913723.416	163.953	2171	364978.783	2914215.069	165.836	3756	366068.061	2913155.031	161.186
587	365476.626	2913724.637	163.979	2172	364977.345	2914216.456	165.994	3757	366071.863	2913156.641	161.067
588	365476.577	2913727.343	164.088	2173	364976.724	2914217.076	165.727	3758	366073.621	2913157.609	160.442
589	365475.624	2913730.165	164.065	2174	364975.290	2914218.403	165.776	3759	366076.050	2913160.189	160.478
590	365476.051	2913731.720	163.988	2175	364974.227	2914219.768	165.702	3760	366076.900	2913162.851	160.364
591	365476.594	2913732.955	163.889	2176	364974.698	2914221.002	165.655	3761	366078.847	2913166.261	160.611
592	365478.063	2913734.387	163.960	2177	364975.915	2914222.176	165.678	3762	366080.580	2913168.505	160.422
593	365479.652	2913735.712	163.938	2178	364977.262	2914222.964	165.742	3763	366082.015	2913170.786	160.245
594	365480.653	2913736.832	163.727	2179	364978.002	2914222.592	165.632	3764	366083.767	2913172.935	160.153
595	365482.269	2913738.620	163.615	2180	364979.067	2914221.583	165.665	3765	366086.663	2913175.338	160.400
596	365483.804	2913740.498	163.785	2181	364980.221	2914220.437	165.500	3766	366088.266	2913177.676	160.071
597	365485.353	2913742.330	163.788	2182	364981.209	2914219.248	165.524	3767	366090.379	2913180.701	160.884
598	365486.733	2913744.299	163.726	2183	364982.322	2914217.837	165.614	3768	366090.673	2913183.941	160.926
599	365488.275	2913746.250	163.539	2184	364983.280	2914216.509	165.591	3769	366090.675	2913186.465	160.877
600	365489.309	2913748.071	163.697	2185	364984.374	2914215.496	165.642	3770	366090.760	2913188.892	160.729
601	365489.599	2913749.170	163.870	2186	364985.412	2914214.681	165.524	3771	366091.187	2913191.246	160.846
602	365489.025	2913750.395	163.626	2187	364987.348	2914212.872	165.661	3772	366091.569	2913195.154	160.893
603	365487.842	2913751.854	163.786	2188	364987.863	2914212.186	165.670	3773	366091.433	2913197.486	160.922
604	365487.147	2913753.543	163.583	2189	364989.330	2914210.299	165.675	3774	366092.040	2913199.742	160.788
605	365484.775	2913755.813	163.957	2190	364989.874	2914209.761	165.584	3775	366093.090	2913202.738	160.965

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
606	365482.798	2913753.481	164.193	2191	364991.089	2914208.643	165.501	3776	366093.726	2913201.780	161.012
607	365482.422	2913753.162	164.081	2192	364994.709	2914211.067	165.739	3777	366095.522	2913200.675	161.046
608	365481.931	2913752.557	163.869	2193	364995.160	2914211.634	165.820	3778	366097.737	2913199.434	161.087
609	365481.125	2913751.507	163.769	2194	364995.583	2914212.274	165.668	3779	366099.971	2913197.913	160.956
610	365480.788	2913751.142	163.804	2195	364994.685	2914213.203	165.656	3780	366101.862	2913196.170	160.916
611	365479.799	2913750.076	163.804	2196	364993.704	2914213.926	165.721	3781	366105.119	2913194.534	161.136
612	365478.287	2913748.500	163.790	2197	364992.667	2914214.822	165.632	3782	366107.274	2913193.245	161.236
613	365477.042	2913747.052	163.733	2198	364991.551	2914215.907	165.781	3783	366109.417	2913191.887	161.308
614	365475.535	2913745.548	163.747	2199	364990.092	2914216.631	165.622	3784	366111.389	2913190.717	161.411
615	365474.141	2913744.252	163.766	2200	364988.908	2914217.727	165.736	3785	366113.608	2913189.594	161.463
616	365472.182	2913742.356	163.755	2201	364987.663	2914218.960	165.714	3786	366116.431	2913188.168	161.646
617	365470.324	2913740.599	163.799	2202	364987.193	2914219.606	165.567	3787	366118.368	2913187.121	161.551
618	365469.186	2913739.641	163.933	2203	364985.968	2914221.100	165.685	3788	366120.500	2913185.788	161.600
619	365466.642	2913741.205	163.769	2204	364984.389	2914222.542	165.651	3789	366122.363	2913184.073	161.708
620	365465.708	2913742.705	163.867	2205	364983.209	2914223.585	165.593	3790	366124.094	2913182.395	161.708
621	365464.711	2913744.040	163.864	2206	364982.230	2914224.302	165.846	3791	366125.552	2913180.637	161.645
622	365464.808	2913744.610	163.759	2207	364981.048	2914225.358	165.732	3792	366127.101	2913178.820	161.449
623	365465.939	2913745.970	163.638	2208	364983.344	2914197.751	165.662	3793	366129.436	2913175.792	161.554
624	365467.179	2913747.152	163.669	2209	364984.566	2914196.580	165.678	3794	366131.407	2913174.009	161.243
625	365468.575	2913749.183	163.666	2210	364985.791	2914195.531	165.802	3795	366133.426	2913172.398	161.175
626	365470.064	2913750.815	163.713	2211	364986.099	2914194.320	165.594	3796	366134.948	2913170.532	160.998
627	365471.601	2913752.604	163.742	2212	364987.300	2914192.103	165.582	3797	366136.781	2913168.558	160.899
628	365473.321	2913753.890	163.756	2213	364988.372	2914192.207	165.860	3798	366138.661	2913166.720	160.945
629	365474.895	2913755.320	163.827	2214	364988.840	2914192.747	165.922	3799	366140.991	2913163.731	161.064
630	365475.872	2913756.719	163.802	2215	364989.719	2914193.834	165.971	3800	366142.072	2913161.513	160.964
631	365477.137	2913758.660	163.783	2216	364990.750	2914195.098	166.065	3801	366142.640	2913159.119	160.639
632	365479.025	2913759.869	163.871	2217	364991.125	2914195.710	165.993	3802	366142.116	2913156.782	160.538
633	365481.067	2913761.554	164.977	2218	364992.350	2914197.062	166.009	3803	366140.788	2913154.536	160.153
634	365481.034	2913761.380	164.021	2219	364992.869	2914197.641	165.904	3804	366139.341	2913154.382	160.471
635	365480.475	2913762.983	164.194	2220	364994.203	2914199.018	165.907	3805	366137.850	2913156.227	160.488
636	365479.727	2913765.689	165.130	2221	364994.834	2914199.524	165.730	3806	366136.254	2913158.180	160.438
637	365479.797	2913765.841	164.133	2222	364996.169	2914200.853	165.826	3807	366134.554	2913160.082	160.449
638	365478.993	2913766.650	164.035	2223	364996.793	2914201.586	165.613	3808	366132.894	2913161.874	160.491
639	365477.841	2913767.981	164.169	2224	364998.117	2914203.084	165.882	3809	366130.991	2913163.766	160.457
640	365476.929	2913768.609	165.386	2225	364998.953	2914203.790	165.696	3810	366128.576	2913166.508	160.826
641	365476.049	2913768.509	164.336	2226	364999.534	2914204.359	165.682	3811	366126.610	2913168.059	161.005
642	365474.610	2913767.478	164.286	2227	365000.567	2914205.769	165.844	3812	366124.929	2913169.677	161.053
643	365468.254	2913764.891	163.887	2228	365000.971	2914206.291	165.757	3813	366123.092	2913171.332	161.100
644	365466.375	2913765.750	163.857	2229	365001.701	2914206.320	165.820	3814	366120.530	2913173.757	161.341
645	365465.540	2913763.096	163.672	2230	365002.425	2914205.918	165.765	3815	366118.793	2913174.966	161.104
646	365463.979	2913761.250	163.621	2231	365002.936	2914204.633	165.789	3816	366115.999	2913177.314	161.250
647	365462.372	2913759.448	163.512	2232	365003.200	2914204.289	165.593	3817	366113.832	2913178.696	161.209
648	365460.675	2913757.441	163.533	2233	365004.438	2914203.393	165.816	3818	366111.107	2913180.905	161.375
649	365459.259	2913755.866	163.565	2234	365005.239	2914202.716	166.023	3819	366109.547	2913182.636	161.311
650	365457.622	2913753.815	163.547	2235	365006.027	2914202.040	165.932	3820	366106.982	2913185.210	161.374
651	365456.410	2913752.353	163.502	2236	365005.550	2914201.584	165.960	3821	366105.227	2913186.862	161.291
652	365455.126	2913750.760	163.482	2237	365005.007	2914200.443	165.862	3822	366103.602	2913188.666	161.065
653	365453.449	2913748.943	163.447	2238	365004.555	2914200.137	165.805	3823	366101.738	2913190.410	160.915
654	365451.582	2913746.110	163.376	2239	365003.859	2914198.933	165.846	3824	366099.829	2913191.879	160.947
655	365450.452	2913743.853	163.343	2240	365003.474	2914198.371	165.804	3825	366098.009	2913193.489	160.930
656	365451.230	2913742.143	163.388	2241	365002.489	2914196.932	165.737	3826	366095.312	2913195.898	160.989
657	365450.231	2913740.955	163.310	2242	365001.550	2914195.711	165.822	3827	366093.461	2913197.290	160.848
658	365448.936	2913739.951	163.454	2243	365000.929	2914195.151	165.881	3828	366091.353	2913198.271	160.834
659	365448.160	2913738.974	163.565	2244	364999.881	2914194.019	165.939	3829	364689.342	2914504.043	165.599
660	365448.211	2913738.958	163.576	2245	364998.617	2914192.787	165.978	3830	364687.522	2914502.087	165.544

استشارى المساحة / محمد / El Dar El Mawla
 مهندس / محمد / El Dar El Mawla

الانسيس للمقاولات
 ٢٧٥٠٠٠٠
 ٢٧٥٠٠٠٠
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شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
661	365447.286	2913740.056	163.548	2246	364998.044	2914192.127	165.923	3831	364685.836	2914500.308	165.542
662	365446.048	2913740.828	163.748	2247	364996.603	2914190.875	166.019	3832	364683.978	2914498.476	165.705
663	365445.182	2913741.353	163.769	2248	364996.068	2914190.395	165.974	3833	364682.114	2914496.376	165.794
664	365444.455	2913742.254	163.854	2249	364994.831	2914189.397	165.918	3834	364679.860	2914494.084	165.938
665	365443.323	2913743.046	164.012	2250	364994.413	2914188.676	165.925	3835	364677.399	2914491.678	166.069
666	365444.012	2913744.265	163.796	2251	364994.711	2914188.042	166.033	3836	364674.530	2914489.170	166.269
667	365445.277	2913745.611	163.729	2252	364995.297	2914187.679	165.996	3837	364672.011	2914486.883	166.241
668	365446.442	2913746.976	163.656	2253	364996.554	2914187.263	165.849	3838	364669.643	2914484.566	166.248
669	365447.658	2913748.476	163.467	2254	364997.428	2914186.424	166.010	3839	364667.059	2914482.181	166.197
670	365449.545	2913750.685	163.600	2255	364997.943	2914185.445	166.065	3840	364664.783	2914480.081	166.203
671	365451.773	2913753.484	163.529	2256	364998.545	2914185.928	166.015	3841	364662.711	2914477.833	166.290
672	365453.775	2913756.196	163.556	2257	364999.096	2914186.469	166.060	3842	364661.826	2914476.541	166.329
673	365455.873	2913758.705	163.520	2258	364999.412	2914186.966	166.140	3843	364665.067	2914473.620	166.450
674	365458.440	2913761.617	163.517	2259	365000.545	2914187.999	166.073	3844	364667.092	2914475.389	166.318
675	365460.369	2913763.629	163.593	2260	365001.161	2914188.507	165.915	3845	364669.580	2914477.563	166.279
676	365462.280	2913765.929	163.672	2261	365002.376	2914189.638	166.011	3846	364672.287	2914479.782	166.293
677	365464.437	2913767.736	163.793	2262	365002.991	2914190.211	165.976	3847	364674.424	2914481.883	166.157
678	365462.931	2913769.133	163.812	2263	365004.370	2914191.388	166.008	3848	364676.981	2914484.122	166.110
679	365461.688	2913770.639	163.800	2264	365004.951	2914191.986	165.729	3849	364679.421	2914486.171	166.120
680	365459.890	2913772.424	163.829	2265	365006.161	2914193.187	165.801	3850	364681.717	2914488.626	165.996
681	365458.612	2913771.369	163.816	2266	365006.636	2914193.761	165.798	3851	364684.406	2914490.864	165.784
682	365457.166	2913770.037	163.796	2267	365007.994	2914194.612	165.893	3852	364687.057	2914493.003	165.689
683	365455.075	2913767.965	163.668	2268	365009.671	2914196.705	165.944	3853	364689.071	2914495.067	165.491
684	365452.800	2913765.834	163.600	2269	365011.089	2914198.625	165.967	3854	364691.531	2914497.403	165.494
685	365450.245	2913763.608	163.619	2270	365011.659	2914198.055	165.864	3855	364694.057	2914499.689	165.553
686	365448.588	2913761.854	163.454	2271	365013.139	2914196.993	165.991	3856	364697.674	2914496.100	165.555
687	365445.672	2913759.337	163.621	2272	365014.162	2914196.294	166.004	3857	364696.607	2914494.417	165.509
688	365443.010	2913756.672	163.600	2273	365015.724	2914195.340	166.049	3858	364694.844	2914491.964	165.520
689	365441.720	2913755.249	163.491	2274	365015.136	2914194.317	165.966	3859	364693.074	2914490.078	165.593
690	365440.378	2913752.964	163.673	2275	365014.434	2914193.187	165.999	3860	364691.516	2914488.348	165.591
691	365439.085	2913751.522	163.733	2276	365014.042	2914192.501	165.887	3861	364688.996	2914485.519	165.870
692	365438.103	2913750.032	163.872	2277	365013.015	2914191.661	165.750	3862	364687.983	2914484.477	165.988
693	365436.635	2913749.405	164.072	2278	365012.266	2914190.608	165.810	3863	364687.098	2914483.508	166.060
694	365434.601	2913751.097	164.005	2279	365011.322	2914189.621	165.732	3864	364685.858	2914482.274	166.133
695	365433.637	2913752.207	164.073	2280	365010.266	2914188.398	165.773	3865	364684.511	2914480.864	166.127
696	365432.952	2913752.966	164.183	2281	365009.211	2914187.083	165.842	3866	364683.154	2914479.421	166.129
697	365433.829	2913753.501	164.040	2282	365008.198	2914185.821	165.884	3867	364681.949	2914478.057	166.145
698	365434.586	2913754.880	163.895	2283	365007.347	2914184.642	165.923	3868	364680.620	2914476.631	166.103
699	365436.213	2913756.368	163.742	2284	365006.415	2914183.380	165.979	3869	364679.225	2914475.253	166.183
700	365437.586	2913757.811	163.677	2285	365005.393	2914181.858	165.973	3870	364677.783	2914473.865	166.276
701	365439.134	2913759.870	163.671	2286	365004.523	2914180.692	165.990	3871	364676.320	2914472.290	166.402
702	365440.683	2913761.626	163.592	2287	365003.854	2914179.767	166.009	3872	364674.946	2914471.117	166.489
703	365443.109	2913764.310	163.609	2288	365003.683	2914179.223	165.985	3873	364673.870	2914470.038	166.569
704	365446.393	2913767.764	163.634	2289	365003.149	2914178.097	165.838	3874	364672.992	2914468.966	166.559
705	365449.200	2913770.588	163.706	2290	365002.946	2914176.834	165.818	3875	364671.997	2914467.973	166.588
706	365451.672	2913772.659	163.816	2291	365002.909	2914175.463	165.869	3876	364671.116	2914467.011	166.617
707	365453.591	2913774.625	163.875	2292	365002.694	2914174.118	165.863	3877	364675.171	2914462.898	166.568
708	365455.612	2913776.587	164.001	2293	365003.475	2914173.600	165.839	3878	364676.086	2914463.625	166.558
709	365453.563	2913778.392	164.011	2294	365004.183	2914174.498	165.904	3879	364677.118	2914464.573	166.512
710	365452.080	2913779.919	163.940	2295	365005.365	2914175.438	165.898	3880	364678.214	2914465.629	166.469
711	365450.765	2913781.183	164.049	2296	365006.283	2914176.640	165.905	3881	364679.691	2914466.934	166.449
712	365449.689	2913782.269	163.947	2297	365007.164	2914177.526	165.887	3882	364680.739	2914468.298	166.395
713	365448.323	2913781.452	163.820	2298	365008.059	2914178.837	165.891	3883	364682.032	2914469.667	166.318
714	365446.895	2913779.960	163.678	2299	365009.179	2914179.960	165.910	3884	364683.449	2914471.100	166.254
715	365445.152	2913778.376	163.734	2300	365010.326	2914181.041	165.800	3885	364685.061	2914472.656	166.222

استشاري المساحة / El dawila for surveying & maps

صفحة 13

الشركة المنفذة /

الإنشاء لمبنى مستشفى وادى
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شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
716	365442.878	2913775.984	163.770	2301	365011.510	2914182.162	165.718	3886	364686.424	2914474.076	166.189
717	365440.823	2913774.008	163.786	2302	365012.912	2914183.316	165.724	3887	364687.755	2914475.549	166.161
718	365438.444	2913771.689	163.761	2303	365014.243	2914184.358	165.612	3888	364689.220	2914477.090	166.089
719	365436.118	2913769.535	163.764	2304	365016.043	2914185.777	165.629	3889	364690.739	2914478.966	165.903
720	365433.729	2913767.539	163.800	2305	365017.866	2914187.002	165.874	3890	364692.307	2914480.776	165.799
721	365431.837	2913766.014	163.757	2306	365018.897	2914187.827	166.019	3891	364694.621	2914483.431	165.699
722	365430.427	2913764.520	163.907	2307	365019.496	2914188.271	165.908	3892	364696.248	2914485.120	165.666
723	365429.133	2913762.672	163.893	2308	365020.597	2914189.429	165.865	3893	364697.686	2914486.773	165.594
724	365428.141	2913761.350	164.147	2309	365021.538	2914189.673	165.976	3894	364699.107	2914488.388	165.469
725	365426.649	2913759.434	164.155	2310	365022.510	2914188.664	165.948	3895	364700.417	2914490.100	165.433
726	365425.409	2913760.263	164.247	2311	365023.762	2914187.372	165.892	3896	364702.371	2914491.885	165.431
727	365422.629	2913762.574	164.296	2312	365025.098	2914186.333	165.863	3897	364706.141	2914488.329	165.288
728	365423.140	2913763.969	164.279	2313	365025.889	2914185.457	165.829	3898	364705.931	2914487.080	165.364
729	365424.697	2913765.758	164.234	2314	365026.739	2914184.758	165.946	3899	364705.038	2914485.684	165.402
730	365426.250	2913767.657	164.126	2315	365027.409	2914184.258	165.831	3900	364703.914	2914484.334	165.490
731	365427.616	2913769.061	163.995	2316	365026.358	2914183.403	165.763	3901	364702.950	2914483.252	165.551
732	365429.856	2913770.894	163.922	2317	365025.331	2914182.288	165.792	3902	364701.909	2914481.890	165.630
733	365432.171	2913773.157	163.912	2318	365024.325	2914181.136	165.830	3903	364700.672	2914480.489	165.678
734	365434.255	2913775.574	163.896	2319	365022.835	2914179.705	165.672	3904	364699.392	2914479.240	165.690
735	365437.189	2913778.718	163.876	2320	365021.861	2914178.904	165.535	3905	364698.181	2914477.821	165.623
736	365438.922	2913780.541	163.901	2321	365020.422	2914177.477	165.700	3906	364696.134	2914475.658	165.829
737	365441.193	2913782.888	163.883	2322	365019.485	2914176.356	165.747	3907	364694.825	2914474.515	165.948
738	365443.012	2913784.671	163.927	2323	365018.472	2914175.694	165.872	3908	364693.572	2914473.378	166.014
739	365442.573	2913787.969	164.162	2324	365017.404	2914174.446	165.807	3909	364692.367	2914471.956	166.027
740	365441.707	2913790.239	164.252	2325	365016.160	2914173.299	165.764	3910	364691.036	2914470.543	166.122
741	365441.550	2913792.290	164.445	2326	365015.005	2914172.028	165.776	3911	364689.815	2914468.927	166.112
742	365441.297	2913794.444	164.236	2327	365013.915	2914170.725	165.746	3912	364688.558	2914467.212	166.137
743	365440.557	2913795.897	164.384	2328	365012.985	2914169.545	165.735	3913	364687.207	2914465.639	166.228
744	365438.997	2913795.105	164.317	2329	365011.966	2914168.391	165.798	3914	364686.040	2914464.017	166.283
745	365437.448	2913793.413	164.242	2330	365011.236	2914167.394	165.745	3915	364684.547	2914462.279	166.291
746	365436.124	2913791.929	164.082	2331	365010.401	2914166.513	165.827	3916	364683.093	2914460.464	166.283
747	365434.413	2913790.304	164.080	2332	365009.388	2914165.378	165.839	3917	364681.818	2914458.785	166.353
748	365432.825	2913788.644	164.091	2333	365010.600	2914164.144	165.923	3918	364681.003	2914457.479	166.316
749	365431.083	2913786.810	164.010	2334	365011.738	2914162.975	165.924	3919	364684.401	2914453.727	166.032
750	365429.110	2913784.413	164.045	2335	365013.235	2914161.357	165.819	3920	364685.644	2914454.581	166.050
751	365427.453	2913782.318	164.070	2336	365014.800	2914162.152	165.802	3921	364687.069	2914455.852	166.046
752	365425.532	2913780.033	163.991	2337	365016.134	2914162.999	165.726	3922	364688.511	2914457.302	166.051
753	365423.548	2913777.560	163.978	2338	365017.494	2914164.160	165.731	3923	364689.968	2914458.765	166.050
754	365422.288	2913775.950	163.966	2339	365019.809	2914165.685	165.810	3924	364691.438	2914460.237	166.038
755	365421.431	2913774.918	163.803	2340	365021.241	2914166.898	165.836	3925	364692.979	2914461.629	165.981
756	365419.543	2913772.969	163.886	2341	365022.638	2914168.091	165.818	3926	364694.477	2914463.010	165.946
757	365417.510	2913771.105	164.046	2342	365024.304	2914169.196	165.762	3927	364696.002	2914464.376	165.909
758	365416.657	2913769.833	164.243	2343	365025.744	2914170.440	165.706	3928	364697.606	2914466.092	165.775
759	365415.316	2913768.226	164.270	2344	365027.337	2914171.780	165.661	3929	364699.041	2914467.600	165.704
760	365413.386	2913769.845	164.384	2345	365028.766	2914172.944	165.564	3930	364700.587	2914469.357	165.678
761	365411.774	2913771.141	164.337	2346	365030.017	2914173.985	165.838	3931	364702.732	2914471.854	165.713
762	365412.893	2913772.545	164.104	2347	365031.081	2914174.770	165.677	3932	364704.089	2914473.606	165.656
763	365414.627	2913774.412	164.043	2348	365032.476	2914175.303	165.735	3933	364705.629	2914475.286	165.626
764	365416.563	2913776.531	164.005	2349	365033.275	2914176.217	165.768	3934	364707.010	2914477.107	165.603
765	365418.588	2913778.847	163.955	2350	365034.082	2914176.802	165.823	3935	364708.394	2914478.733	165.456
766	365420.067	2913780.472	164.052	2351	365034.694	2914175.603	165.798	3936	364709.652	2914480.456	165.352
767	365422.048	2913782.405	164.097	2352	365035.305	2914174.791	165.670	3937	364710.951	2914481.797	165.349
768	365424.006	2913784.289	164.070	2353	365036.026	2914174.092	165.838	3938	364712.003	2914482.827	165.305
769	365426.192	2913786.521	164.158	2354	365036.657	2914173.556	165.780	3939	364711.620	2914482.293	165.366
770	365427.995	2913788.265	164.155	2355	365037.270	2914172.347	165.822	3940	364715.921	2914478.912	165.385

مشروع القطار الكهربائي السريع أكتوبر / أسوان

رفع مساحي لمستخلص رقم (2 جاری) لأعمال القطع المتماسك وقطع الإحلال

شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
771	365430.076	2913790.473	164.192	2356	365036.792	2914171.180	165.906	3941	364715.376	2914478.084	165.371
772	365431.566	2913792.338	164.079	2357	365036.083	2914170.471	165.993	3942	364714.466	2914476.674	165.374
773	365433.428	2913793.885	164.035	2358	365035.354	2914169.581	165.882	3943	364713.273	2914475.485	165.461
774	365435.449	2913795.630	164.131	2359	365034.325	2914168.510	165.807	3944	364712.065	2914474.284	165.581
775	365437.050	2913797.251	164.224	2360	365033.226	2914167.372	165.749	3945	364710.917	2914472.908	165.655
776	365438.516	2913799.237	164.253	2361	365032.042	2914166.296	165.795	3946	364709.828	2914471.344	165.664
777	365437.148	2913800.803	164.207	2362	365030.733	2914165.064	165.772	3947	364708.730	2914469.840	165.634
778	365435.620	2913802.215	164.165	2363	365029.214	2914163.946	165.664	3948	364707.532	2914468.180	165.723
779	365433.739	2913804.260	164.226	2364	365027.336	2914161.840	165.748	3949	364706.222	2914466.448	165.710
780	365432.016	2913802.984	164.315	2365	365025.873	2914160.683	165.740	3950	364704.871	2914464.590	165.692
781	365430.347	2913801.334	164.279	2366	365024.772	2914159.183	165.771	3951	364703.401	2914462.391	165.616
782	365428.525	2913799.481	164.225	2367	365023.679	2914157.641	165.789	3952	364701.837	2914460.277	165.588
783	365427.185	2913797.950	164.059	2368	365022.747	2914156.076	165.780	3953	364700.397	2914458.370	165.691
784	365425.703	2913796.325	164.027	2369	365021.877	2914154.855	165.773	3954	364698.799	2914456.538	165.730
785	365424.052	2913794.632	164.160	2370	365021.140	2914153.682	165.719	3955	364697.225	2914454.661	165.726
786	365422.434	2913792.671	164.215	2371	365020.733	2914152.302	165.938	3956	364695.623	2914452.853	165.816
787	365420.358	2913790.742	164.250	2372	365021.434	2914151.081	165.753	3957	364694.227	2914451.107	165.867
788	365418.483	2913788.545	164.209	2373	365022.852	2914150.589	165.908	3958	364692.722	2914449.502	165.839
789	365416.136	2913785.870	164.215	2374	365024.619	2914150.474	165.790	3959	364691.633	2914448.108	165.820
790	365414.177	2913783.087	163.877	2375	365026.827	2914149.231	165.809	3960	364690.790	2914446.914	165.843
791	365411.960	2913780.839	164.135	2376	365028.476	2914150.765	165.805	3961	364695.145	2914442.960	165.536
792	365410.667	2913779.628	164.155	2377	365029.777	2914151.945	165.792	3962	364695.727	2914443.495	165.619
793	365407.472	2913775.871	164.457	2378	365030.925	2914153.280	165.622	3963	364696.910	2914444.512	165.652
794	365406.468	2913777.273	164.468	2379	365032.565	2914154.525	165.616	3964	364698.100	2914445.794	165.695
795	365405.008	2913778.310	164.480	2380	365034.085	2914155.765	165.728	3965	364699.304	2914446.962	165.722
796	365403.512	2913780.105	164.555	2381	365035.639	2914156.831	165.840	3966	364700.511	2914448.358	165.728
797	365404.499	2913781.390	164.435	2382	365037.126	2914158.235	165.893	3967	364701.808	2914449.842	165.676
798	365406.324	2913783.425	164.334	2383	365038.566	2914159.262	166.066	3968	364703.285	2914451.439	165.629
799	365407.945	2913785.313	164.279	2384	365039.304	2914159.727	165.817	3969	364704.958	2914453.328	165.600
800	365409.561	2913787.392	164.085	2385	365040.538	2914160.960	165.873	3970	364706.698	2914455.095	165.461
801	365411.213	2913789.035	164.199	2386	365041.679	2914162.045	165.946	3971	364708.468	2914456.935	165.493
802	365412.829	2913791.006	164.134	2387	365042.170	2914162.731	165.884	3972	364710.207	2914458.735	165.535
803	365414.459	2913792.761	164.188	2388	365043.338	2914163.888	166.074	3973	364711.991	2914460.547	165.583
804	365415.866	2913794.658	164.162	2389	365043.933	2914164.571	165.910	3974	364713.578	2914462.271	165.533
805	365417.667	2913796.919	164.055	2390	365045.374	2914164.419	166.036	3975	364715.752	2914464.897	165.531
806	365419.503	2913799.511	164.099	2391	365046.449	2914163.803	166.054	3976	364717.213	2914466.371	165.542
807	365421.138	2913801.394	164.073	2392	365047.727	2914163.234	165.915	3977	364718.707	2914467.820	165.438
808	365422.957	2913803.825	164.160	2393	365048.558	2914162.524	165.979	3978	364720.100	2914469.344	165.320
809	365424.109	2913805.281	164.366	2394	365049.844	2914161.707	166.075	3979	364721.538	2914470.716	165.236
810	365425.450	2913806.687	164.385	2395	365050.871	2914160.727	165.929	3980	364723.009	2914471.801	165.229
811	365426.687	2913808.091	164.389	2396	365050.053	2914159.907	165.960	3981	364726.132	2914467.374	165.235
812	365428.425	2913809.815	164.384	2397	365049.624	2914158.776	165.898	3982	364725.469	2914466.271	165.232
813	365427.022	2913810.946	164.353	2398	365048.771	2914157.798	165.948	3983	364724.390	2914464.874	165.232
814	365425.745	2913812.217	164.303	2399	365047.415	2914156.502	165.896	3984	364723.337	2914463.411	165.272
815	365424.614	2913813.611	164.346	2400	365045.984	2914155.403	165.992	3985	364722.074	2914461.816	165.376
816	365423.582	2913814.736	164.382	2401	365044.525	2914154.159	165.889	3986	364720.774	2914460.436	165.434
817	365422.466	2913813.196	164.404	2402	365043.154	2914152.878	165.913	3987	364719.636	2914459.002	165.415
818	365421.049	2913811.581	164.399	2403	365041.808	2914151.698	165.834	3988	364718.456	2914457.511	165.390
819	365419.325	2913809.626	164.274	2404	365040.241	2914150.351	165.817	3989	364716.935	2914455.922	165.420
820	365418.063	2913808.495	164.136	2405	365038.503	2914148.975	165.757	3990	364715.655	2914454.231	165.349
821	365416.283	2913806.409	164.039	2406	365036.873	2914147.654	165.805	3991	364714.335	2914452.562	165.420
822	365413.998	2913803.905	164.113	2407	365035.396	2914146.291	165.831	3992	364713.007	2914450.797	165.386
823	365412.486	2913801.995	164.119	2408	365034.709	2914145.738	165.706	3993	364711.572	2914448.722	165.342
824	365410.797	2913800.161	164.101	2409	365033.274	2914144.448	165.833	3994	364710.150	2914447.055	165.365
825	365409.161	2913798.680	164.080	2410	365032.493	2914143.856	165.805	3995	364708.886	2914445.314	165.366

شركة الأندلس محمد نجيب (464+300 : 468+300)

الشركة المتحدة /
الاستثمار والتأمينات
ب.م.ب. ٢١٧٦٦
ق.م.ب. ٢٠٠ - ٥٦٠٣٧
د.م.ب. ٠١ - ١٠ - ٨٣٤٤ - ٥ - ١٠٢

شركة الأندلس محمد نجيب (464+300 : 468+300)

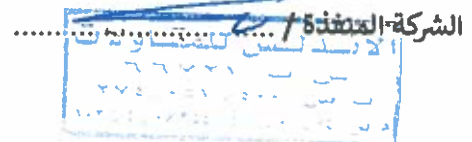
Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
881	365384.511	2913799.294	165.240	2466	365033.385	2914122.435	167.189	4051	364742.923	2914446.551	165.148
882	365385.719	2913800.774	165.030	2467	365032.247	2914122.019	167.209	4052	364741.765	2914444.638	165.040
883	365387.348	2913802.583	165.042	2468	365032.003	2914121.457	167.268	4053	364740.534	2914442.717	164.955
884	365388.506	2913804.153	164.834	2469	365032.798	2914121.443	167.187	4054	364739.185	2914440.829	164.854
885	365389.494	2913805.185	164.692	2470	365034.049	2914120.271	167.138	4055	364737.942	2914438.821	164.787
886	365391.700	2913807.165	164.556	2471	365034.833	2914117.611	167.365	4056	364736.430	2914436.854	164.776
887	365393.281	2913809.228	164.561	2472	365035.805	2914116.085	167.435	4057	364734.348	2914434.116	164.707
888	365395.307	2913811.576	164.514	2473	365037.523	2914114.186	167.328	4058	364733.045	2914432.584	164.798
889	365397.480	2913813.875	164.606	2474	365039.466	2914115.061	167.036	4059	364731.675	2914430.992	164.800
890	365399.173	2913816.040	164.552	2475	365040.517	2914116.363	166.929	4060	364730.384	2914429.183	164.755
891	365401.068	2913818.483	164.487	2476	365041.678	2914118.088	166.914	4061	364728.494	2914426.566	164.842
892	365402.257	2913820.064	164.509	2477	365042.850	2914119.819	166.882	4062	364726.725	2914424.059	164.890
893	365403.223	2913821.643	164.717	2478	365043.996	2914121.490	166.867	4063	364725.332	2914422.394	164.971
894	365403.969	2913823.553	164.871	2479	365045.450	2914123.214	166.731	4064	364724.021	2914420.585	165.034
895	365405.122	2913825.128	164.907	2480	365046.768	2914124.800	166.518	4065	364723.083	2914419.227	165.054
896	365405.913	2913826.617	164.976	2481	365048.127	2914126.536	166.244	4066	364722.330	2914417.749	165.067
897	365407.171	2913828.442	165.048	2482	365049.755	2914128.410	166.023	4067	364726.587	2914414.140	164.972
898	365408.081	2913829.448	165.065	2483	365051.439	2914130.203	165.826	4068	364727.384	2914414.567	165.006
899	365408.820	2913831.160	165.172	2484	365052.955	2914131.907	165.758	4069	364728.436	2914415.929	164.970
900	365407.438	2913832.275	165.068	2485	365054.642	2914133.710	165.677	4070	364729.514	2914417.584	164.960
901	365405.673	2913833.200	165.022	2486	365056.654	2914136.638	165.452	4071	364730.776	2914419.226	164.948
902	365404.308	2913834.322	165.027	2487	365057.544	2914138.546	165.533	4072	364731.988	2914420.906	164.923
903	365403.285	2913833.004	164.772	2488	365058.411	2914141.254	165.440	4073	364733.425	2914422.722	164.930
904	365402.390	2913831.707	164.857	2489	365059.253	2914142.549	165.552	4074	364734.820	2914424.445	164.926
905	365400.801	2913829.984	165.034	2490	365060.746	2914144.337	165.707	4075	364736.389	2914426.122	164.839
906	365399.336	2913828.761	165.052	2491	365061.319	2914144.804	165.710	4076	364737.932	2914427.937	164.777
907	365397.102	2913825.993	165.165	2492	365059.134	2914138.822	165.455	4077	364739.405	2914429.579	164.654
908	365394.921	2913823.917	164.957	2493	365060.694	2914137.699	165.489	4078	364741.282	2914432.018	164.799
909	365392.932	2913821.393	164.869	2494	365062.049	2914137.429	165.513	4079	364742.811	2914433.843	164.830
910	365391.468	2913819.305	164.840	2495	365062.895	2914137.029	165.516	4080	364745.129	2914436.308	164.863
911	365389.539	2913817.034	164.788	2496	365063.603	2914136.101	165.457	4081	364747.778	2914438.694	164.896
912	365387.747	2913814.536	164.789	2497	365063.804	2914135.479	165.556	4082	364750.907	2914440.729	164.956
913	365385.316	2913812.773	164.900	2498	365063.235	2914134.372	165.566	4083	364752.934	2914438.731	164.965
914	365384.006	2913810.787	164.796	2499	365061.774	2914133.037	165.635	4084	364755.375	2914436.187	164.920
915	365382.599	2913809.363	164.840	2500	365059.886	2914131.202	165.657	4085	364754.589	2914435.282	164.740
916	365381.097	2913808.232	165.057	2501	365057.947	2914129.021	165.780	4086	364752.463	2914432.809	164.854
917	365379.849	2913807.212	165.112	2502	365055.841	2914127.052	165.870	4087	364750.733	2914430.964	164.723
918	365378.294	2913805.909	165.207	2503	365053.705	2914124.620	165.993	4088	364748.086	2914428.280	164.811
919	365377.316	2913804.881	165.281	2504	365052.315	2914123.158	166.168	4089	364745.664	2914425.711	164.805
920	365376.399	2913804.110	165.302	2505	365050.622	2914121.662	166.316	4090	364743.197	2914423.189	164.813
921	365375.046	2913805.314	165.606	2506	365049.022	2914120.144	166.614	4091	364740.890	2914420.581	164.827
922	365373.997	2913806.427	165.765	2507	365046.897	2914118.361	166.734	4092	364738.709	2914418.107	164.878
923	365372.976	2913807.728	165.915	2508	365045.547	2914117.310	166.742	4093	364736.515	2914415.475	164.728
924	365373.888	2913808.773	165.769	2509	365044.160	2914116.125	166.795	4094	364734.521	2914412.718	164.781
925	365375.231	2913810.106	165.585	2510	365043.330	2914114.775	166.777	4095	364732.701	2914410.008	164.945
926	365376.620	2913811.462	165.482	2511	365042.455	2914113.115	166.903	4096	364734.251	2914408.647	164.875
927	365378.000	2913812.831	165.378	2512	365041.468	2914112.019	167.077	4097	364736.901	2914407.003	164.911
928	365379.338	2913814.290	165.340	2513	365040.872	2914110.985	167.357	4098	364738.743	2914405.884	164.751
929	365380.939	2913815.870	165.227	2514	365041.791	2914110.274	167.309	4099	364741.157	2914406.940	164.923
930	365382.545	2913817.725	165.095	2515	365042.712	2914109.211	167.219	4100	364743.252	2914409.070	164.901
931	365384.218	2913819.708	165.119	2516	365044.241	2914107.975	167.150	4101	364745.297	2914411.071	164.863
932	365386.079	2913821.938	165.101	2517	365045.281	2914108.664	166.891	4102	364747.027	2914413.374	164.878
933	365387.835	2913823.633	165.079	2518	365046.229	2914109.640	166.831	4103	364750.799	2914415.540	164.861
934	365389.291	2913825.135	165.116	2519	365047.330	2914110.794	166.668	4104	364752.301	2914417.598	164.691
935	365390.529	2913826.536	165.193	2520	365048.619	2914111.913	166.587	4105	364754.786	2914419.915	164.734

استشاري المساحة / *El Dawlia For Surveying & Maps*
المهندسة / *المهندسة*

الشركة المنفذة /
الاندلس للمقاولات
ب. ب. ٦٦٧٢١
٢٧٤ - ٥١ - ٣٠٠
د. ب. ١٠٢ - ١٠٨٢٤ - ٣٠٠

مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتماusk وقطع الإحلال
شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
936	365391.710	2913828.201	165.299	2521	365049.726	2914113.154	166.449	4106	364757.192	2914422.103	164.763
937	365393.005	2913829.891	165.210	2522	365050.927	2914114.407	166.418	4107	364759.482	2914424.295	164.769
938	365394.323	2913831.452	165.320	2523	365052.095	2914115.596	166.436	4108	364761.826	2914426.450	164.808
939	365395.871	2913832.456	165.239	2524	365053.405	2914116.762	166.399	4109	364763.804	2914428.205	164.860
940	365397.201	2913833.705	165.095	2525	365054.842	2914118.291	166.275	4110	364765.495	2914426.349	164.820
941	365397.871	2913834.487	165.054	2526	365056.460	2914119.836	166.117	4111	364767.939	2914424.602	164.775
942	365396.343	2913834.394	165.155	2527	365057.866	2914121.511	166.001	4112	364770.204	2914423.457	164.738
943	365394.785	2913834.426	165.413	2528	365059.546	2914123.118	165.891	4113	364769.180	2914421.602	164.589
944	365393.150	2913834.708	165.542	2529	365061.104	2914124.542	165.788	4114	364767.325	2914419.246	164.594
945	365391.859	2913835.102	165.439	2530	365062.342	2914126.345	165.747	4115	364765.280	2914416.952	164.675
946	365390.583	2913835.686	165.584	2531	365063.632	2914127.890	165.611	4116	364763.092	2914414.704	164.766
947	365389.099	2913836.141	165.640	2532	365065.204	2914129.578	165.666	4117	364760.880	2914412.481	164.786
948	365387.312	2913836.995	165.632	2533	365066.590	2914130.993	165.640	4118	364758.187	2914409.663	164.854
949	365386.016	2913837.504	165.752	2534	365068.108	2914132.183	165.523	4119	364756.041	2914407.058	164.879
950	365386.427	2913839.161	166.036	2535	365068.902	2914131.415	165.359	4120	364753.993	2914404.419	164.853
951	365387.683	2913840.701	166.074	2536	365071.076	2914130.002	165.493	4121	364752.243	2914401.905	164.888
952	365388.896	2913842.228	166.099	2537	365072.406	2914129.331	165.426	4122	364750.552	2914399.343	164.875
953	365390.427	2913843.691	166.309	2538	365075.731	2914129.473	165.462	4123	364748.976	2914397.242	164.980
954	365391.319	2913844.706	166.332	2539	365074.961	2914128.682	165.454	4124	364750.924	2914395.821	164.958
955	365392.626	2913845.753	166.581	2540	365073.590	2914127.223	165.544	4125	364753.229	2914394.035	164.968
956	365393.294	2913846.265	166.602	2541	365072.197	2914125.931	165.614	4126	364754.983	2914392.688	164.944
957	365394.295	2913845.097	166.716	2542	365070.553	2914124.591	165.535	4127	364757.193	2914390.678	164.937
958	365396.136	2913843.587	166.841	2543	365069.080	2914123.237	165.564	4128	364759.453	2914391.578	164.842
959	365397.688	2913842.088	166.686	2544	365067.386	2914121.803	165.643	4129	364761.436	2914393.493	164.803
960	365398.857	2913841.422	166.757	2545	365065.735	2914120.419	165.760	4130	364763.824	2914395.762	164.733
961	365400.027	2913840.326	166.917	2546	365064.079	2914118.933	165.904	4131	364766.677	2914398.416	164.813
962	365401.143	2913839.703	167.126	2547	365062.410	2914117.540	166.031	4132	364769.102	2914400.823	164.704
963	365402.144	2913838.342	166.987	2548	365060.716	2914116.125	166.142	4133	364772.199	2914403.875	164.789
964	365402.691	2913837.428	166.850	2549	365059.304	2914114.599	166.204	4134	364774.468	2914406.335	164.661
965	365401.671	2913837.273	166.842	2550	365057.711	2914113.135	166.295	4135	364777.523	2914409.111	164.704
966	365400.283	2913836.678	166.750	2551	365056.061	2914111.780	166.364	4136	364780.072	2914411.659	164.614
967	365398.801	2913836.273	166.758	2552	365054.466	2914110.283	166.468	4137	364782.603	2914414.020	164.642
968	365397.269	2913836.642	166.859	2553	365053.045	2914108.950	166.526	4138	364784.088	2914415.715	164.629
969	365395.735	2913836.938	166.889	2554	365052.114	2914107.844	166.596	4139	364785.770	2914414.195	164.443
970	365394.179	2913836.943	166.972	2555	365050.887	2914106.649	166.670	4140	364788.841	2914411.710	164.663
971	365393.262	2913837.445	166.911	2556	365049.814	2914105.428	166.770	4141	364790.543	2914410.176	164.605
972	365391.589	2913837.968	166.644	2557	365049.008	2914104.044	167.195	4142	364789.517	2914409.065	164.577
973	365392.752	2913839.162	166.661	2558	365049.714	2914103.609	167.261	4143	364787.473	2914406.795	164.553
974	365394.567	2913840.442	166.670	2559	365050.555	2914102.809	167.144	4144	364785.333	2914404.554	164.638
975	365395.881	2913841.677	166.617	2560	365051.823	2914101.410	167.350	4145	364782.778	2914401.518	164.691
976	365396.494	2913842.887	166.655	2561	365053.080	2914101.060	167.179	4146	364780.944	2914399.459	164.764
977	365387.658	2913844.850	166.184	2562	365053.818	2914101.633	167.000	4147	364778.843	2914397.260	164.747
978	365387.803	2913846.110	165.954	2563	365055.226	2914103.415	166.590	4148	364776.686	2914395.144	164.789
979	365387.506	2913847.614	165.969	2564	365056.506	2914104.523	166.481	4149	364774.669	2914392.937	164.893
980	365386.960	2913848.659	166.060	2565	365057.316	2914105.898	166.436	4150	364772.668	2914390.973	164.948
981	365386.170	2913849.615	166.026	2566	365058.796	2914107.355	166.427	4151	364770.324	2914388.657	165.030
982	365385.017	2913850.118	165.943	2567	365060.364	2914108.662	166.380	4152	364768.367	2914386.397	165.088
983	365383.513	2913849.848	165.946	2568	365061.985	2914110.221	166.251	4153	364766.439	2914384.428	165.181
984	365382.311	2913848.959	165.808	2569	365063.557	2914111.854	166.098	4154	364765.786	2914383.302	165.226
985	365381.625	2913847.301	165.799	2570	365065.304	2914113.349	166.039	4155	364767.022	2914382.205	165.214
986	365381.472	2913845.587	165.892	2571	365067.008	2914114.867	166.005	4156	364768.577	2914379.911	165.386
987	365381.893	2913844.153	165.871	2572	365068.734	2914116.296	165.919	4157	364770.032	2914378.292	165.283
988	365383.659	2913842.784	166.050	2573	365070.529	2914117.839	165.741	4158	364772.316	2914378.950	165.295
989	365385.288	2913842.594	165.871	2574	365072.291	2914119.363	165.635	4159	364775.105	2914381.740	165.435
990	365387.063	2913842.587	166.098	2575	365074.074	2914120.774	165.557	4160	364777.302	2914383.562	165.327



مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

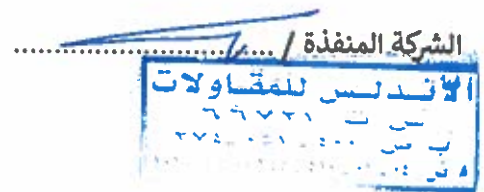
Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
991	365387.326	2913844.101	166.203	2576	365075.665	2914122.332	165.522	4161	364779.502	2914385.843	165.174
992	365393.149	2913834.541	166.396	2577	365077.293	2914123.922	165.398	4162	364782.028	2914388.074	164.965
993	365392.436	2913834.309	165.334	2578	365078.025	2914124.577	165.389	4163	364784.682	2914390.519	164.866
994	365391.501	2913833.209	165.357	2579	365079.581	2914126.040	165.427	4164	364786.301	2914392.320	164.521
995	365390.657	2913831.495	165.216	2580	365080.776	2914126.948	165.481	4165	364789.478	2914395.618	164.707
996	365389.555	2913829.473	165.333	2581	365081.367	2914126.146	165.429	4166	364791.667	2914398.346	164.572
997	365388.633	2913828.165	165.251	2582	365082.175	2914124.768	165.386	4167	364793.702	2914400.827	164.562
998	365387.877	2913826.399	165.003	2583	365083.395	2914123.642	165.370	4168	364794.967	2914402.231	164.378
999	365386.222	2913823.789	165.117	2584	365084.801	2914122.549	165.550	4169	364796.898	2914403.686	164.582
1000	365385.188	2913822.174	164.825	2585	365085.126	2914122.295	165.362	4170	364798.296	2914402.312	164.617
1001	365383.420	2913819.753	164.836	2586	365085.395	2914121.894	165.462	4171	364799.807	2914400.938	164.455
1002	365381.572	2913817.405	165.079	2587	365083.783	2914120.049	165.480	4172	364802.363	2914399.083	164.742
1003	365379.556	2913815.088	165.120	2588	365082.578	2914118.625	165.429	4173	364801.952	2914397.455	164.780
1004	365377.938	2913813.160	165.290	2589	365081.044	2914117.105	165.534	4174	364799.216	2914395.020	164.815
1005	365376.162	2913810.893	165.524	2590	365079.619	2914115.535	165.627	4175	364797.070	2914393.045	164.797
1006	365374.402	2913809.201	165.580	2591	365078.162	2914113.957	165.683	4176	364794.838	2914391.107	164.843
1007	365372.909	2913808.039	165.898	2592	365077.441	2914113.309	165.669	4177	364792.333	2914388.374	165.055
1008	365372.574	2913808.049	165.917	2593	365075.971	2914111.878	165.867	4178	364789.395	2914385.998	165.135
1009	365372.615	2913808.921	165.926	2594	365074.641	2914110.655	166.050	4179	364787.170	2914383.797	165.326
1010	365371.766	2913810.115	166.269	2595	365073.241	2914109.587	166.101	4180	364785.189	2914381.825	165.530
1011	365370.053	2913810.912	166.790	2596	365071.685	2914108.386	166.171	4181	364783.258	2914379.937	165.679
1012	365370.879	2913811.671	166.330	2597	365070.008	2914107.038	166.315	4182	364781.051	2914377.929	165.833
1013	365371.386	2913812.654	166.129	2598	365068.457	2914105.633	166.439	4183	364778.906	2914376.075	165.913
1014	365371.949	2913813.906	165.995	2599	365067.057	2914104.186	166.542	4184	364777.505	2914374.657	165.771
1015	365372.783	2913815.223	165.876	2600	365066.372	2914103.497	166.638	4185	364775.809	2914372.420	166.088
1016	365374.245	2913817.356	165.770	2601	365065.039	2914102.048	166.728	4186	364777.847	2914370.538	166.386
1017	365375.314	2913819.340	165.677	2602	365063.783	2914100.748	166.862	4187	364779.451	2914369.602	166.231
1018	365376.321	2913820.924	165.266	2603	365062.526	2914099.437	167.017	4188	364781.435	2914368.458	166.558
1019	365378.119	2913823.453	165.385	2604	365060.937	2914098.014	167.139	4189	364783.862	2914369.873	166.486
1020	365379.256	2913825.170	165.227	2605	365059.937	2914096.862	167.579	4190	364785.715	2914371.636	166.424
1021	365381.117	2913827.508	165.330	2606	365059.902	2914095.315	167.436	4191	364787.623	2914373.462	166.263
1022	365382.871	2913829.669	165.400	2607	365060.358	2914095.294	167.450	4192	364789.414	2914375.481	166.173
1023	365384.435	2913831.959	165.589	2608	365061.418	2914094.321	167.507	4193	364791.264	2914377.312	166.013
1024	365385.706	2913834.238	165.605	2609	365062.372	2914093.575	167.457	4194	364793.921	2914379.701	165.868
1025	365387.149	2913836.752	165.587	2610	365063.357	2914093.042	167.559	4195	364796.213	2914381.610	165.700
1026	365389.919	2913848.289	166.075	2611	365064.449	2914094.039	167.525	4196	364798.451	2914383.444	165.455
1027	365388.409	2913847.159	165.996	2612	365064.952	2914094.581	167.202	4197	364800.791	2914386.080	165.371
1028	365387.951	2913845.706	165.943	2613	365065.977	2914095.531	166.992	4198	364802.929	2914388.576	165.250
1029	365386.793	2913843.293	166.060	2614	365067.334	2914096.718	167.009	4199	364804.338	2914390.142	165.173
1030	365385.969	2913841.781	165.892	2615	365068.558	2914098.018	166.827	4200	364806.593	2914392.243	165.362
1031	365384.464	2913840.460	165.665	2616	365069.892	2914099.421	166.749	4201	364808.088	2914393.575	165.265
1032	365383.103	2913837.906	165.837	2617	365071.155	2914101.054	166.608	4202	364809.996	2914391.900	165.588
1033	365381.980	2913836.299	165.653	2618	365072.667	2914102.533	166.466	4203	364813.177	2914389.215	166.011
1034	365380.152	2913833.704	165.780	2619	365074.181	2914104.058	166.364	4204	364812.541	2914388.201	165.912
1035	365379.063	2913831.972	165.514	2620	365075.785	2914105.592	166.203	4205	364811.337	2914386.979	165.939
1036	365377.219	2913829.215	165.622	2621	365077.358	2914107.089	166.051	4206	364809.548	2914385.531	165.835
1037	365375.935	2913827.614	165.477	2622	365079.095	2914108.433	165.975	4207	364807.192	2914383.427	165.799
1038	365373.813	2913825.210	165.631	2623	365080.605	2914109.837	165.814	4208	364804.693	2914381.159	165.848
1039	365372.003	2913822.704	165.767	2624	365082.239	2914111.425	165.782	4209	364802.153	2914379.048	166.008
1040	365370.942	2913821.259	165.814	2625	365083.666	2914112.896	165.731	4210	364801.821	2914378.631	166.105
1041	365369.438	2913818.635	166.093	2626	365085.106	2914114.401	165.661	4211	364800.040	2914377.557	166.140
1042	365368.268	2913815.735	167.052	2627	365086.678	2914115.978	165.550	4212	364797.354	2914375.676	166.242
1043	365367.272	2913814.546	167.644	2628	365088.079	2914117.412	165.531	4213	364794.689	2914373.488	166.338
1044	365366.239	2913813.770	167.682	2629	365089.240	2914117.775	165.512	4214	364792.518	2914371.286	166.409
1045	365365.449	2913814.712	167.475	2630	365090.233	2914116.708	165.505	4215	364790.211	2914368.959	166.450

استشاري المساحة / محمد...
El Dewaili For Surveying & Maps
المساحة / المهندس محمد...
المساحة / المهندس محمد...

الشركة المنفذة /
الإنشاءات الهندسية
ب. ش. ٢٧٤٠ - ٥٥٩ - ٢٧٤٠
ب. ش. ١٠٥ - ٥٥٩ - ٢٧٤٠
ب. ش. ١٠٥ - ٥٥٩ - ٢٧٤٠

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1046	365364.391	2913815.726	167.322	2631	365091.498	2914115.387	165.662	4216	364788.471	2914367.347	166.530
1047	365362.981	2913816.745	167.524	2632	365092.564	2914114.144	165.694	4217	364786.332	2914365.297	166.605
1048	365362.009	2913817.866	167.626	2633	365094.532	2914112.632	165.504	4218	364785.278	2914364.212	166.612
1049	365361.230	2913818.721	167.448	2634	365093.939	2914111.930	165.417	4219	364786.405	2914362.459	166.626
1050	365358.816	2913820.450	166.888	2635	365092.655	2914110.183	165.561	4220	364787.842	2914360.420	166.693
1051	365359.550	2913821.120	166.517	2636	365091.501	2914108.446	165.652	4221	364788.878	2914359.058	166.653
1052	365360.953	2913822.751	166.455	2637	365090.107	2914106.820	165.749	4222	364790.761	2914359.707	166.603
1053	365362.215	2913824.267	166.152	2638	365088.780	2914105.318	165.729	4223	364792.831	2914361.084	166.665
1054	365364.152	2913826.566	165.945	2639	365087.126	2914103.773	165.798	4224	364795.106	2914362.712	166.610
1055	365366.141	2913828.930	165.973	2640	365085.528	2914102.241	165.957	4225	364797.662	2914364.429	166.505
1056	365367.500	2913830.374	165.607	2641	365083.945	2914100.751	166.134	4226	364799.491	2914365.868	166.253
1057	365369.974	2913832.908	165.813	2642	365082.367	2914099.216	166.305	4227	364802.125	2914367.837	166.442
1058	365372.128	2913835.142	165.842	2643	365080.600	2914097.714	166.491	4228	364804.649	2914369.593	166.379
1059	365373.559	2913836.854	165.643	2644	365079.019	2914096.103	166.633	4229	364807.308	2914371.711	166.135
1060	365375.667	2913839.413	165.870	2645	365077.611	2914094.494	166.703	4230	364809.634	2914373.144	166.259
1061	365377.637	2913841.999	165.847	2646	365076.416	2914092.930	166.866	4231	364812.113	2914374.872	166.202
1062	365379.642	2913844.427	165.797	2647	365075.819	2914092.240	166.845	4232	364814.673	2914375.931	166.160
1063	365381.418	2913846.252	165.912	2648	365074.339	2914090.717	167.100	4233	364816.287	2914377.102	166.222
1064	365382.042	2913847.230	165.870	2649	365073.149	2914089.743	167.249	4234	364817.790	2914378.247	166.156
1065	365382.901	2913849.648	165.974	2650	365072.001	2914088.219	167.646	4235	364820.175	2914380.084	166.021
1066	365383.686	2913850.863	166.013	2651	365071.707	2914087.315	167.832	4236	364821.720	2914378.147	166.209
1067	365384.897	2913853.467	166.021	2652	365072.547	2914085.941	167.912	4237	364823.779	2914375.628	166.164
1068	365383.494	2913854.611	165.957	2653	365073.335	2914086.491	167.895	4238	364824.751	2914374.501	166.123
1069	365381.931	2913855.903	165.728	2654	365074.099	2914086.902	167.718	4239	364823.825	2914373.160	166.191
1070	365380.602	2913857.166	165.920	2655	365075.052	2914086.907	167.449	4240	364821.794	2914371.258	166.210
1071	365378.393	2913858.813	166.047	2656	365077.256	2914085.578	167.305	4241	364819.620	2914369.100	166.197
1072	365376.465	2913860.536	166.071	2657	365076.575	2914084.804	167.671	4242	364817.965	2914367.003	166.231
1073	365375.577	2913861.787	166.036	2658	365077.584	2914081.800	167.802	4243	364817.055	2914365.558	166.339
1074	365374.161	2913861.819	166.089	2659	365078.762	2914080.661	168.133	4244	364815.241	2914363.679	166.265
1075	365372.843	2913860.348	166.187	2660	365079.148	2914081.385	167.950	4245	364813.231	2914361.397	166.296
1076	365371.504	2913858.922	165.933	2661	365079.664	2914082.062	167.696	4246	364811.504	2914359.346	166.345
1077	365370.220	2913857.269	165.919	2662	365080.454	2914083.222	167.296	4247	364809.194	2914356.502	166.482
1078	365368.793	2913855.555	165.964	2663	365081.652	2914084.217	167.197	4248	364807.482	2914354.290	166.470
1079	365367.307	2913853.981	166.004	2664	365083.111	2914085.735	167.007	4249	364805.996	2914351.976	166.595
1080	365365.883	2913852.365	166.182	2665	365084.769	2914087.266	166.772	4250	364804.437	2914349.931	166.667
1081	365363.464	2913849.835	166.356	2666	365085.559	2914087.968	166.684	4251	364802.930	2914347.689	166.670
1082	365361.931	2913848.060	166.317	2667	365086.949	2914089.381	166.576	4252	364801.967	2914346.271	166.651
1083	365359.461	2913845.595	166.472	2668	365088.669	2914090.753	166.440	4253	364801.022	2914345.385	166.791
1084	365357.757	2913843.766	166.160	2669	365090.310	2914092.084	166.251	4254	364801.757	2914343.452	166.773
1085	365355.256	2913841.019	166.461	2670	365091.902	2914093.737	166.013	4255	364803.086	2914342.031	166.457
1086	365353.174	2913838.094	166.476	2671	365093.543	2914095.222	165.858	4256	364804.699	2914339.922	166.649
1087	365351.564	2913836.659	166.527	2672	365095.066	2914096.893	165.745	4257	364805.707	2914338.555	166.557
1088	365349.389	2913834.342	166.417	2673	365095.897	2914097.504	165.703	4258	364808.059	2914339.478	166.609
1089	365346.634	2913831.476	166.580	2674	365097.592	2914099.058	165.631	4259	364810.173	2914340.773	166.571
1090	365344.815	2913832.903	166.794	2675	365099.161	2914100.602	165.520	4260	364812.443	2914342.830	166.579
1091	365343.033	2913834.482	166.928	2676	365100.742	2914102.141	165.420	4261	364814.402	2914344.818	166.464
1092	365342.669	2913835.155	166.976	2677	365101.342	2914102.927	165.265	4262	364816.409	2914346.843	166.510
1093	365343.529	2913836.143	166.857	2678	365103.214	2914104.215	165.403	4263	364817.667	2914348.225	166.497
1094	365344.255	2913837.653	166.791	2679	365103.704	2914103.607	165.238	4264	364818.980	2914349.280	166.376
1095	365344.146	2913839.756	166.812	2680	365105.517	2914102.155	165.390	4265	364821.437	2914351.165	166.287
1096	365342.223	2913841.627	166.781	2681	365107.541	2914100.988	165.397	4266	364823.779	2914353.213	166.343
1097	365342.858	2913842.661	166.808	2682	365107.147	2914100.285	165.254	4267	364826.164	2914355.225	166.326
1098	365344.424	2913844.887	166.920	2683	365106.172	2914098.652	165.420	4268	364827.413	2914356.405	166.252
1099	365345.579	2913846.177	166.683	2684	365104.781	2914096.896	165.517	4269	364829.598	2914357.948	166.263
1100	365348.063	2913848.911	167.012	2685	365103.329	2914095.045	165.621	4270	364831.546	2914359.947	166.205



مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1101	365349.463	2913850.693	166.913	2686	365102.019	2914093.554	165.631	4271	364833.013	2914361.283	165.979
1102	365351.916	2913852.989	167.014	2687	365100.509	2914091.856	165.786	4272	364835.139	2914362.654	166.090
1103	365353.393	2913854.759	166.969	2688	365098.986	2914090.202	165.915	4273	364837.476	2914363.762	166.136
1104	365355.062	2913856.443	166.811	2689	365097.542	2914088.528	166.014	4274	364840.896	2914360.169	165.956
1105	365357.603	2913859.248	166.993	2690	365096.082	2914086.965	166.210	4275	364840.280	2914358.502	166.024
1106	365359.217	2913861.020	166.746	2691	365094.672	2914085.466	166.418	4276	364838.459	2914356.738	166.079
1107	365361.376	2913863.890	167.112	2692	365093.068	2914083.921	166.711	4277	364836.252	2914354.693	166.184
1108	365362.770	2913865.781	166.904	2693	365092.379	2914083.187	166.720	4278	364834.132	2914353.241	166.202
1109	365364.387	2913868.645	166.995	2694	365090.972	2914081.540	166.800	4279	364832.167	2914351.460	166.275
1110	365365.977	2913871.375	167.422	2695	365089.632	2914079.990	166.970	4280	364830.233	2914349.353	166.339
1111	365364.993	2913872.869	167.201	2696	365088.218	2914078.370	167.093	4281	364828.386	2914347.066	166.373
1112	365363.677	2913874.291	167.278	2697	365087.047	2914077.209	167.297	4282	364826.164	2914344.900	166.373
1113	365362.495	2913875.652	167.111	2698	365086.125	2914075.576	167.686	4283	364824.042	2914342.569	166.419
1114	365361.097	2913877.240	167.167	2699	365085.803	2914075.154	167.853	4284	364821.431	2914339.736	166.548
1115	365359.637	2913878.793	167.137	2700	365087.232	2914073.743	167.944	4285	364819.365	2914337.550	166.499
1116	365357.771	2913878.858	167.168	2701	365087.929	2914072.684	167.884	4286	364817.442	2914335.839	166.492
1117	365356.015	2913877.548	167.198	2702	365089.480	2914070.965	167.913	4287	364815.703	2914334.038	166.502
1118	365353.596	2913874.782	167.248	2703	365090.086	2914070.342	167.941	4288	364813.885	2914332.507	166.542
1119	365352.504	2913872.936	167.334	2704	365091.199	2914070.776	167.627	4289	364813.295	2914331.214	166.577
1120	365350.675	2913870.403	167.324	2705	365091.859	2914071.386	167.228	4290	364814.897	2914329.344	166.542
1121	365349.186	2913868.260	167.147	2706	365092.921	2914072.607	167.073	4291	364816.915	2914327.329	166.418
1122	365346.318	2913865.610	167.335	2707	365094.206	2914073.736	166.942	4292	364819.055	2914325.203	166.464
1123	365344.786	2913863.789	167.163	2708	365095.388	2914075.428	166.961	4293	364821.184	2914326.033	166.462
1124	365342.298	2913860.990	167.385	2709	365096.108	2914076.216	166.773	4294	364823.205	2914327.256	166.349
1125	365340.640	2913859.204	167.179	2710	365097.641	2914077.871	166.769	4295	364825.170	2914328.748	166.473
1126	365338.068	2913856.442	167.320	2711	365098.306	2914078.600	166.634	4296	364827.508	2914330.357	166.466
1127	365336.379	2913854.656	167.236	2712	365100.081	2914080.092	166.483	4297	364828.833	2914331.447	166.358
1128	365333.658	2913852.307	167.367	2713	365100.949	2914080.741	166.276	4298	364831.083	2914333.064	166.369
1129	365332.655	2913853.153	167.368	2714	365102.593	2914082.255	166.194	4299	364833.512	2914334.792	166.424
1130	365331.051	2913854.219	167.568	2715	365103.408	2914083.057	166.078	4300	364835.813	2914336.525	166.355
1131	365329.524	2913855.271	167.689	2716	365105.053	2914084.817	166.095	4301	364838.226	2914338.383	166.345
1132	365327.845	2913856.324	167.629	2717	365105.713	2914085.550	165.943	4302	364840.473	2914340.275	166.324
1133	365326.352	2913857.592	167.658	2718	365107.135	2914087.281	165.804	4303	364842.933	2914342.375	166.327
1134	365324.934	2913858.488	167.686	2719	365107.837	2914088.012	165.706	4304	364844.282	2914343.382	166.316
1135	365325.284	2913859.878	167.674	2720	365109.651	2914089.370	165.583	4305	364846.525	2914345.282	166.243
1136	365326.532	2913861.662	167.525	2721	365110.546	2914089.970	165.509	4306	364848.256	2914346.607	166.102
1137	365328.323	2913863.373	167.558	2722	365112.321	2914091.360	165.407	4307	364850.686	2914348.095	166.178
1138	365330.309	2913865.367	167.318	2723	365114.031	2914092.468	165.207	4308	364852.782	2914350.052	166.117
1139	365332.343	2913867.558	167.082	2724	365115.215	2914092.968	165.207	4309	364854.103	2914350.918	165.993
1140	365335.106	2913871.036	167.386	2725	365115.823	2914092.175	165.311	4310	364855.936	2914349.743	166.101
1141	365336.777	2913873.377	167.042	2726	365116.565	2914091.326	165.218	4311	364858.067	2914348.003	166.216
1142	365339.277	2913876.810	167.314	2727	365117.950	2914090.564	165.436	4312	364860.371	2914346.333	166.166
1143	365341.437	2913880.273	167.501	2728	365118.533	2914090.087	165.160	4313	364859.671	2914344.663	166.147
1144	365342.793	2913882.263	167.189	2729	365119.719	2914088.759	165.140	4314	364858.189	2914342.618	166.168
1145	365344.930	2913885.481	167.337	2730	365121.040	2914087.291	165.235	4315	364856.454	2914340.811	166.233
1146	365345.573	2913887.354	167.111	2731	365119.685	2914085.672	165.327	4316	364854.547	2914339.049	166.202
1147	365344.566	2913888.785	167.212	2732	365118.478	2914084.289	165.451	4317	364852.792	2914337.236	166.161
1148	365342.693	2913889.296	167.000	2733	365117.818	2914083.637	165.452	4318	364850.888	2914335.195	166.284
1149	365340.651	2913891.306	167.279	2734	365116.254	2914082.312	165.648	4319	364849.315	2914332.915	166.270
1150	365339.018	2913892.026	167.464	2735	365114.791	2914080.952	165.788	4320	364847.364	2914330.984	166.368
1151	365336.020	2913893.478	167.336	2736	365114.113	2914080.304	165.797	4321	364845.849	2914329.654	166.243
1152	365334.164	2913892.423	167.136	2737	365112.418	2914078.726	166.035	4322	364843.499	2914327.541	166.382
1153	365332.311	2913890.758	167.004	2738	365111.668	2914078.111	166.060	4323	364841.501	2914325.605	166.427
1154	365329.491	2913888.148	166.891	2739	365110.148	2914076.605	166.176	4324	364839.343	2914323.791	166.414
1155	365327.711	2913886.467	166.650	2740	365108.687	2914075.094	166.222	4325	364837.310	2914321.782	166.451

مكتب المساحة / استشارى المساحة / El Dawoody Surveying and Mapping / محمد داودى / المهندس / محمد داودى

الشركة المنفذة / الأندلس للمقاولات / الأندلس للمقاولات / الأندلس للمقاولات / الأندلس للمقاولات

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

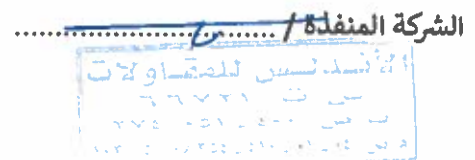
Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1156	365324.701	2913883.661	167.003	2741	365107.363	2914073.735	166.409	4326	364835.696	2914320.216	166.389
1157	365323.060	2913881.849	166.870	2742	365105.955	2914072.363	166.430	4327	364833.699	2914318.362	166.392
1158	365320.521	2913879.241	167.063	2743	365103.862	2914069.985	166.609	4328	364832.319	2914317.034	166.267
1159	365318.799	2913877.598	167.018	2744	365102.707	2914068.749	166.758	4329	364831.055	2914315.397	166.290
1160	365316.031	2913874.899	167.091	2745	365102.097	2914068.142	166.919	4330	364832.980	2914313.771	166.340
1161	365313.243	2913872.220	167.300	2746	365100.846	2914066.737	166.813	4331	364835.226	2914312.878	166.331
1162	365311.681	2913870.733	167.272	2747	365099.577	2914065.653	166.932	4332	364836.781	2914312.410	166.269
1163	365309.142	2913868.489	167.346	2748	365099.359	2914065.468	166.974	4333	364838.894	2914313.585	166.274
1164	365308.232	2913870.293	167.182	2749	365098.902	2914065.121	166.895	4334	364840.110	2914314.818	166.236
1165	365306.670	2913871.425	167.211	2750	365098.329	2914064.700	167.566	4335	364841.747	2914316.733	166.382
1166	365305.700	2913872.650	167.378	2751	365097.875	2914063.552	167.602	4336	364843.582	2914319.006	166.352
1167	365304.929	2913874.038	167.267	2752	365098.609	2914062.704	167.559	4337	364845.725	2914320.847	166.403
1168	365303.816	2913875.332	167.128	2753	365099.029	2914062.122	167.704	4338	364847.607	2914322.456	166.420
1169	365302.705	2913876.766	167.205	2754	365099.650	2914061.741	167.348	4339	364849.895	2914324.227	166.385
1170	365303.456	2913877.950	167.059	2755	365100.685	2914060.429	167.194	4340	364851.461	2914325.847	166.237
1171	365304.791	2913879.586	166.821	2756	365101.681	2914059.439	167.179	4341	364853.836	2914327.837	166.275
1172	365307.444	2913882.188	166.957	2757	365102.655	2914058.395	167.040	4342	364856.119	2914329.915	166.217
1173	365308.910	2913883.955	166.690	2758	365103.498	2914057.413	166.883	4343	364858.732	2914331.744	166.254
1174	365311.451	2913886.634	166.817	2759	365103.924	2914057.697	166.762	4344	364860.903	2914333.521	166.217
1175	365312.987	2913888.464	166.547	2760	365105.659	2914058.604	166.543	4345	364863.112	2914335.241	166.238
1176	365315.446	2913890.990	166.603	2761	365107.040	2914060.609	166.443	4346	364865.318	2914336.850	166.149
1177	365318.168	2913893.344	166.607	2762	365108.376	2914062.203	166.350	4347	364867.356	2914338.775	165.992
1178	365319.727	2913895.150	166.328	2763	365109.792	2914063.684	166.355	4348	364870.188	2914340.307	165.923
1179	365322.824	2913897.094	166.428	2764	365111.385	2914065.155	166.379	4349	364872.081	2914338.750	166.044
1180	365326.146	2913898.667	166.546	2765	365112.993	2914066.695	166.309	4350	364873.889	2914336.521	166.055
1181	365328.586	2913901.296	166.494	2766	365113.744	2914067.296	166.224	4351	364875.738	2914334.802	166.082
1182	365331.503	2913904.136	166.791	2767	365115.233	2914068.809	166.202	4352	364875.339	2914332.893	166.136
1183	365331.100	2913906.407	166.425	2768	365116.902	2914070.363	166.117	4353	364873.985	2914331.541	166.138
1184	365329.937	2913908.985	166.335	2769	365118.569	2914071.583	166.070	4354	364871.977	2914329.705	166.241
1185	365328.316	2913910.924	166.150	2770	365120.071	2914073.018	165.965	4355	364870.547	2914327.881	166.333
1186	365326.195	2913913.198	165.970	2771	365121.646	2914074.468	165.836	4356	364868.736	2914325.798	166.383
1187	365324.331	2913912.687	165.511	2772	365123.353	2914075.959	165.642	4357	364866.962	2914323.985	166.378
1188	365322.467	2913911.036	165.710	2773	365124.936	2914077.554	165.497	4358	364865.164	2914322.269	166.372
1189	365320.535	2913909.025	165.963	2774	365126.332	2914079.207	165.376	4359	364862.901	2914320.202	166.422
1190	365318.753	2913907.762	165.845	2775	365127.621	2914080.812	165.226	4360	364860.802	2914318.184	166.497
1191	365315.825	2913905.278	166.006	2776	365128.143	2914081.364	165.445	4361	364859.004	2914316.174	166.477
1192	365314.034	2913903.673	166.019	2777	365128.590	2914080.633	165.214	4362	364857.004	2914314.373	166.569
1193	365311.443	2913901.255	166.308	2778	365129.643	2914079.688	165.245	4363	364855.661	2914312.749	166.587
1194	365308.683	2913898.778	166.474	2779	365130.394	2914078.523	165.283	4364	364853.980	2914310.807	166.652
1195	365306.840	2913897.065	166.245	2780	365131.674	2914077.417	165.257	4365	364855.069	2914307.446	166.700
1196	365304.130	2913894.768	166.410	2781	365132.947	2914076.959	165.459	4366	364856.992	2914305.860	166.764
1197	365301.369	2913892.329	166.637	2782	365132.489	2914076.569	165.422	4367	364858.246	2914304.546	166.515
1198	365299.657	2913890.696	166.453	2783	365131.921	2914075.354	165.436	4368	364860.294	2914302.150	166.636
1199	365296.964	2913888.432	166.589	2784	365130.807	2914074.019	165.505	4369	364862.960	2914303.147	166.653
1200	365294.153	2913886.616	166.815	2785	365129.434	2914072.352	165.562	4370	364865.071	2914304.736	166.602
1201	365293.315	2913887.871	166.774	2786	365128.178	2914070.632	165.671	4371	364867.386	2914306.527	166.545
1202	365292.182	2913889.081	166.776	2787	365126.717	2914068.677	165.905	4372	364869.725	2914308.418	166.377
1203	365290.867	2913890.520	166.745	2788	365125.072	2914067.057	165.993	4373	364872.107	2914310.303	166.400
1204	365289.495	2913891.899	166.828	2789	365123.462	2914065.426	166.075	4374	364874.627	2914312.176	166.374
1205	365288.371	2913893.146	166.896	2790	365121.882	2914063.931	166.157	4375	364876.228	2914313.691	166.134
1206	365287.350	2913894.355	166.971	2791	365120.479	2914062.517	166.162	4376	364877.563	2914315.158	166.625
1207	365287.702	2913895.115	166.790	2792	365119.019	2914060.804	166.384	4377	364879.010	2914316.207	166.394
1208	365288.998	2913897.015	166.859	2793	365117.518	2914059.130	166.457	4378	364880.639	2914317.768	166.315
1209	365290.580	2913898.755	166.677	2794	365116.839	2914058.329	166.472	4379	364883.949	2914319.874	166.183
1210	365292.004	2913900.517	166.627	2795	365115.228	2914056.695	166.547	4380	364885.508	2914321.006	166.139

مكتب المساحة / استشاري المساحة / محمد نجيب
El Dawila For Surveying
مهندس / محمد نجيب المساحة

الشركة المنفذة / شركة الأندلس محمد نجيب
مهندس / محمد نجيب

مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتماسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1211	365294.009	2913903.172	166.725	2796	365113.655	2914055.249	166.751	4381	364887.801	2914322.878	166.140
1212	365295.584	2913904.947	166.448	2797	365112.745	2914054.320	166.705	4382	364889.627	2914324.302	166.189
1213	365298.172	2913907.675	166.566	2798	365112.070	2914053.627	166.841	4383	364891.301	2914323.583	166.158
1214	365299.693	2913909.362	166.297	2799	365112.841	2914052.860	166.695	4384	364894.042	2914320.139	166.074
1215	365302.008	2913912.078	166.462	2800	365114.178	2914052.013	166.714	4385	364896.080	2914318.139	166.198
1216	365303.642	2913913.732	166.196	2801	365115.671	2914051.273	166.721	4386	364895.135	2914316.781	166.118
1217	365305.879	2913916.265	166.374	2802	365116.908	2914050.018	166.717	4387	364893.311	2914314.882	166.116
1218	365308.082	2913918.934	166.268	2803	365118.187	2914049.991	166.742	4388	364891.550	2914313.254	166.244
1219	365309.483	2913920.849	165.951	2804	365119.290	2914050.798	166.580	4389	364889.691	2914311.224	166.264
1220	365310.891	2913923.327	166.186	2805	365120.778	2914052.046	166.438	4390	364887.751	2914309.245	166.225
1221	365309.566	2913924.316	166.166	2806	365121.648	2914052.696	166.444	4391	364885.956	2914307.663	166.295
1222	365307.741	2913925.447	166.205	2807	365123.173	2914054.087	166.248	4392	364883.826	2914305.744	166.314
1223	365306.025	2913926.516	166.228	2808	365124.727	2914055.730	166.213	4393	364881.909	2914303.400	166.405
1224	365303.539	2913927.863	166.535	2809	365126.382	2914057.504	166.001	4394	364880.037	2914300.985	166.448
1225	365301.466	2913928.988	166.678	2810	365127.142	2914058.240	166.018	4395	364878.157	2914299.194	166.483
1226	365299.770	2913928.501	166.532	2811	365128.485	2914060.002	166.073	4396	364876.300	2914297.170	166.528
1227	365298.220	2913927.254	166.355	2812	365129.953	2914061.834	166.097	4397	364874.280	2914295.039	166.553
1228	365296.040	2913924.449	166.550	2813	365130.567	2914062.588	165.995	4398	364872.753	2914293.287	166.584
1229	365294.655	2913922.503	166.363	2814	365131.168	2914063.446	165.919	4399	364870.436	2914291.034	166.609
1230	365292.542	2913919.555	166.616	2815	365132.674	2914065.180	165.793	4400	364869.157	2914288.991	166.647
1231	365291.149	2913917.576	166.646	2816	365134.008	2914067.007	165.613	4401	364870.496	2914286.747	166.635
1232	365289.172	2913914.861	166.810	2817	365134.552	2914067.780	165.469	4402	364871.959	2914285.183	166.504
1233	365287.082	2913912.159	166.901	2818	365135.663	2914069.542	165.464	4403	364874.517	2914284.061	166.717
1234	365284.579	2913910.060	167.044	2819	365136.305	2914070.171	165.383	4404	364875.949	2914284.416	166.632
1235	365283.158	2913908.405	167.047	2820	365137.845	2914071.484	165.342	4405	364878.130	2914285.665	166.718
1236	365281.173	2913906.410	167.253	2821	365138.406	2914072.578	165.217	4406	364879.483	2914287.091	166.576
1237	365279.768	2913904.979	167.199	2822	364939.879	2914226.398	165.635	4407	364881.582	2914288.848	166.627
1238	365277.220	2913903.477	167.437	2823	364937.143	2914225.942	165.816	4408	364883.690	2914290.811	166.539
1239	365276.701	2913903.974	167.573	2824	364934.224	2914224.384	165.850	4409	364885.128	2914292.117	166.361
1240	365275.129	2913905.134	167.457	2825	364931.659	2914222.413	166.060	4410	364887.359	2914293.889	166.433
1241	365273.637	2913906.458	167.561	2826	364928.993	2914220.191	166.103	4411	364889.659	2914295.382	166.371
1242	365272.900	2913907.117	167.463	2827	364927.037	2914218.414	166.294	4412	364892.010	2914297.271	166.351
1243	365271.465	2913908.449	167.536	2828	364927.107	2914216.663	166.779	4413	364894.381	2914298.952	166.211
1244	365269.922	2913909.753	167.564	2829	364928.509	2914214.839	166.718	4414	364896.279	2914300.420	166.140
1245	365270.362	2913910.728	167.490	2830	364930.463	2914212.930	166.883	4415	364898.781	2914302.022	166.283
1246	365271.534	2913912.357	167.377	2831	364932.533	2914210.985	166.821	4416	364901.160	2914303.935	166.218
1247	365272.443	2913913.387	167.497	2832	364934.278	2914209.970	166.974	4417	364903.759	2914305.856	166.124
1248	365273.505	2913914.396	167.347	2833	364935.497	2914210.700	166.494	4418	364906.030	2914307.179	166.261
1249	365275.578	2913916.523	167.098	2834	364937.673	2914212.352	166.350	4419	364907.557	2914305.045	166.152
1250	365277.150	2913918.129	166.956	2835	364940.001	2914214.392	166.475	4420	364908.325	2914304.021	166.143
1251	365278.824	2913919.665	166.800	2836	364942.379	2914216.321	166.512	4421	364909.314	2914302.661	166.126
1252	365280.641	2913921.670	166.632	2837	364946.277	2914218.362	166.576	4422	364908.611	2914301.615	166.262
1253	365282.763	2913923.468	166.586	2838	364946.777	2914217.626	166.590	4423	364907.814	2914300.293	166.209
1254	365284.435	2913925.270	166.580	2839	364948.827	2914215.630	166.475	4424	364906.748	2914299.381	166.208
1255	365286.124	2913927.238	166.637	2840	364951.097	2914213.736	166.753	4425	364905.268	2914297.877	166.152
1256	365287.761	2913929.341	166.596	2841	364952.912	2914212.115	166.868	4426	364903.435	2914296.021	166.231
1257	365289.490	2913931.097	166.470	2842	364952.599	2914211.176	166.501	4427	364901.450	2914294.105	166.270
1258	365291.481	2913932.928	166.522	2843	364951.138	2914208.619	166.448	4428	364899.729	2914292.113	166.309
1259	365293.159	2913934.693	166.654	2844	364949.287	2914206.294	166.409	4429	364897.991	2914290.074	166.397
1260	365291.759	2913935.605	166.637	2845	364947.006	2914204.098	166.470	4430	364895.932	2914288.047	166.435
1261	365290.081	2913936.701	166.842	2846	364944.730	2914200.714	166.843	4431	364893.898	2914285.979	166.697
1262	365286.788	2913935.415	166.540	2847	364946.712	2914198.849	166.999	4432	364892.544	2914284.481	166.645
1263	365285.051	2913933.164	166.534	2848	364948.915	2914197.629	167.024	4433	364891.618	2914283.212	166.689
1264	365283.061	2913931.096	166.510	2849	364951.083	2914195.759	167.157	4434	364889.543	2914281.143	166.753
1265	365281.092	2913929.077	166.600	2850	364953.383	2914196.228	167.122	4435	364888.707	2914279.866	166.752



مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1266	365278.948	2913927.350	166.615	2851	364955.513	2914197.663	167.016	4436	364887.679	2914278.391	166.772
1267	365276.780	2913925.475	166.798	2852	364957.711	2914199.478	166.889	4437	364886.481	2914276.972	166.681
1268	365274.572	2913923.207	166.968	2853	364959.735	2914201.540	166.871	4438	364885.386	2914275.530	166.767
1269	365272.388	2913920.900	167.027	2854	364961.836	2914203.218	167.054	4439	364883.660	2914273.589	166.640
1270	365270.202	2913918.953	167.242	2855	364963.589	2914202.122	167.277	4440	364732.528	2914573.757	161.819
1271	365267.888	2913917.132	167.440	2856	364965.478	2914200.515	167.209	4441	364659.257	2914515.890	164.616
1272	365265.573	2913915.273	167.518	2857	364967.343	2914199.091	167.230	4442	364657.715	2914514.566	164.671
1273	365263.608	2913913.848	168.009	2858	364967.664	2914197.932	167.221	4443	364656.294	2914513.129	164.823
1274	365262.514	2913914.876	167.927	2859	364966.389	2914195.866	167.250	4444	364653.617	2914510.681	165.015
1275	365261.031	2913916.567	167.887	2860	364964.523	2914193.898	167.383	4445	364651.272	2914508.782	165.294
1276	365259.533	2913917.312	168.012	2861	364962.594	2914191.815	167.433	4446	364649.569	2914507.626	165.190
1277	365260.427	2913917.926	167.661	2862	364960.650	2914189.819	167.505	4447	364647.983	2914506.261	165.245
1278	365261.501	2913919.239	167.593	2863	364958.067	2914186.418	168.003	4448	364645.403	2914504.148	165.367
1279	365263.235	2913921.150	167.475	2864	364959.826	2914184.983	167.783	4449	364642.993	2914502.418	165.385
1280	365264.982	2913923.006	167.389	2865	364961.833	2914183.760	167.904	4450	364641.074	2914501.273	165.233
1281	365266.920	2913924.853	167.229	2866	364965.393	2914183.092	168.108	4451	364638.641	2914499.276	165.551
1282	365268.840	2913926.872	167.111	2867	364967.583	2914184.486	167.885	4452	364639.871	2914498.181	165.470
1283	365270.794	2913928.887	166.888	2868	364968.805	2914186.655	167.673	4453	364642.202	2914496.658	165.762
1284	365272.801	2913930.866	166.761	2869	364970.752	2914188.527	167.313	4454	364643.564	2914497.041	165.769
1285	365274.771	2913932.683	166.729	2870	364967.608	2914180.682	168.239	4455	364644.940	2914498.071	165.569
1286	365276.681	2913934.645	166.759	2871	364968.906	2914181.446	167.580	4456	364646.625	2914499.167	165.594
1287	365278.716	2913936.684	166.708	2872	364970.579	2914182.780	166.817	4457	364649.359	2914500.884	165.890
1288	365281.429	2913939.238	166.699	2873	364971.824	2914183.905	166.774	4458	364651.163	2914502.047	165.775
1289	365283.059	2913940.814	166.715	2874	364972.696	2914185.353	166.965	4459	364652.999	2914503.188	165.790
1290	365284.834	2913942.644	167.008	2875	364973.847	2914186.092	166.835	4460	364655.632	2914504.738	165.974
1291	365283.274	2913943.945	167.125	2876	364975.418	2914187.398	166.730	4461	364657.736	2914506.012	165.803
1292	365281.872	2913944.896	167.229	2877	364977.418	2914189.513	166.553	4462	364660.488	2914508.051	165.935
1293	365280.423	2913946.531	167.316	2878	364978.682	2914190.923	166.480	4463	364662.259	2914509.284	165.744
1294	365279.162	2913945.499	167.131	2879	364980.192	2914190.143	166.461	4464	364664.946	2914511.247	165.881
1295	365278.241	2913944.549	167.023	2880	364982.000	2914189.153	166.324	4465	364666.351	2914512.691	165.892
1296	365276.735	2913942.711	166.945	2881	364984.948	2914187.267	167.168	4466	364667.296	2914514.408	165.441
1297	365274.412	2913940.944	166.987	2882	364988.475	2914186.812	167.259	4467	364668.348	2914516.178	165.130
1298	365272.336	2913939.132	167.004	2883	364990.391	2914186.228	167.470	4468	364669.262	2914517.734	165.216
1299	365269.820	2913936.901	166.918	2884	364993.592	2914183.885	167.715	4469	364667.891	2914518.381	164.982
1300	365268.031	2913935.095	167.053	2885	364995.440	2914182.438	167.693	4470	364665.369	2914519.606	164.622
1301	365265.848	2913933.224	167.094	2886	364997.375	2914180.626	167.596	4471	364678.506	2914516.155	166.059
1302	365263.021	2913930.628	167.241	2887	364998.918	2914178.351	167.670	4472	364677.795	2914515.757	166.060
1303	365260.877	2913928.594	167.299	2888	364998.475	2914177.524	168.021	4473	364676.894	2914514.537	166.093
1304	365258.020	2913926.505	167.459	2889	364997.342	2914176.197	167.557	4474	364675.711	2914513.084	166.096
1305	365255.941	2913924.560	167.460	2890	364996.924	2914177.180	167.904	4475	364674.541	2914511.588	166.220
1306	365254.658	2913923.340	167.618	2891	364995.195	2914178.378	167.723	4476	364673.999	2914509.930	166.192
1307	365253.997	2913922.411	168.079	2892	364992.366	2914180.730	168.119	4477	364670.938	2914507.703	166.341
1308	365252.728	2913923.559	168.080	2893	364990.698	2914181.938	167.660	4478	364669.256	2914506.140	166.227
1309	365253.206	2913924.344	167.616	2894	364988.383	2914183.351	167.389	4479	364666.971	2914504.070	166.373
1310	365251.527	2913924.785	167.987	2895	364984.647	2914184.467	167.209	4480	364665.381	2914502.478	166.099
1311	365250.774	2913925.573	168.030	2896	364981.790	2914183.234	166.852	4481	364663.736	2914500.854	166.108
1312	365251.530	2913926.256	167.605	2897	364979.600	2914181.474	166.867	4482	364661.184	2914498.599	166.254
1313	365252.468	2913927.597	167.598	2898	364977.629	2914179.734	166.994	4483	364658.849	2914496.237	166.359
1314	365254.324	2913929.748	167.539	2899	364975.045	2914177.011	167.386	4484	364657.151	2914494.900	166.200
1315	365255.944	2913931.535	167.442	2900	364976.758	2914175.328	167.364	4485	364654.740	2914493.022	166.182
1316	365257.459	2913933.340	167.405	2901	364978.595	2914173.635	167.351	4486	364653.014	2914491.529	166.092
1317	365258.648	2913934.884	167.355	2902	364980.213	2914172.169	167.184	4487	364651.414	2914490.220	166.025
1318	365260.045	2913936.463	167.290	2903	364981.889	2914170.515	167.100	4488	364649.657	2914488.695	166.342
1319	365261.743	2913938.070	167.259	2904	364983.566	2914170.721	167.019	4489	364650.651	2914487.748	166.151
1320	365263.139	2913939.488	167.276	2905	364985.936	2914172.049	166.974	4490	364652.011	2914485.591	166.301

استشاري المساحة /
El Dawlaty
المهندس /
المساحة /

الشركة المنفذة /
المهندس /
المساحة /

مشروع القطار الكهربائي السريع / أسوان
رفع مساحي لمستخلص رقم (2 جاري) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1321	365264.882	2913941.075	167.181	2906	364988.062	2914173.677	166.854	4491	364653.815	2914483.577	166.385
1322	365267.161	2913943.403	167.246	2907	364989.969	2914175.410	166.813	4492	364655.533	2914483.959	166.149
1323	365269.075	2913945.191	167.188	2908	364992.882	2914177.159	167.023	4493	364657.155	2914485.291	166.045
1324	365270.964	2913947.042	167.217	2909	364993.761	2914176.034	166.710	4494	364658.852	2914486.572	166.058
1325	365272.842	2913948.969	167.175	2910	364995.279	2914174.442	166.772	4495	364661.575	2914488.340	166.266
1326	365274.731	2913950.778	167.315	2911	364997.074	2914173.187	166.808	4496	364663.526	2914489.652	166.197
1327	365275.304	2913951.513	167.460	2912	364999.092	2914172.489	166.744	4497	364665.274	2914491.032	166.176
1328	365274.635	2913952.534	167.419	2913	364999.691	2914171.523	166.698	4498	364667.990	2914492.920	166.332
1329	365273.623	2913954.003	167.375	2914	364998.883	2914169.290	166.931	4499	364670.584	2914494.771	166.308
1330	365272.627	2913955.535	167.452	2915	364996.820	2914166.159	167.082	4500	364672.413	2914496.018	166.084
1331	365271.268	2913956.522	167.345	2916	364995.429	2914164.277	167.016	4501	364674.728	2914497.458	166.063
1332	365270.337	2913955.833	167.182	2917	364993.245	2914161.648	167.252	4502	364676.827	2914499.037	166.057
1333	365268.221	2913954.081	167.089	2918	364994.323	2914159.430	167.274	4503	364678.807	2914500.386	165.828
1334	365266.851	2913952.704	167.220	2919	364995.993	2914157.818	167.248	4504	364681.097	2914502.223	165.823
1335	365265.192	2913951.138	167.214	2920	364999.159	2914155.907	167.240	4505	364682.734	2914503.776	165.623
1336	365263.506	2913949.594	167.283	2921	365001.214	2914156.996	166.923	4506	364684.465	2914504.956	165.504
1337	365261.699	2913947.953	167.365	2922	365003.256	2914158.198	166.860	4507	364687.241	2914506.630	165.649
1338	365259.955	2913946.151	167.407	2923	365004.954	2914159.558	166.734	4508	364688.210	2914507.762	165.827
1339	365258.106	2913944.182	167.451	2924	365007.973	2914161.562	166.657	4509	364687.217	2914509.918	166.350
1340	365256.163	2913942.099	167.457	2925	365009.847	2914162.302	166.534	4510	364687.501	2914511.234	166.568
1341	365254.142	2913940.191	167.509	2926	365011.239	2914160.963	166.491	4511	364688.440	2914512.541	166.561
1342	365252.280	2913938.441	167.540	2927	365013.046	2914159.474	166.618	4512	364688.875	2914514.266	166.708
1343	365250.560	2913936.409	167.619	2928	365015.367	2914157.301	166.525	4513	364689.438	2914505.795	165.604
1344	365248.607	2913934.721	167.787	2929	365015.089	2914156.144	166.682	4514	364690.037	2914504.468	165.443
1345	365246.656	2913933.168	167.867	2930	365013.838	2914154.325	166.594	4515	364691.816	2914504.015	165.686
1346	365244.759	2913931.934	168.225	2931	365011.649	2914151.769	166.671	4516	364692.807	2914503.000	165.548
1347	365243.549	2913933.667	168.453	2932	365009.679	2914151.227	167.212	4517	364693.865	2914501.645	165.554
1348	365242.481	2913935.051	168.381	2933	365008.779	2914150.768	167.621	4518	364695.660	2914499.882	165.746
1349	365241.175	2913936.406	168.442	2934	365006.782	2914149.601	167.669	4519	364695.629	2914499.621	165.619
1350	365241.816	2913937.174	168.073	2935	365005.178	2914147.889	167.997	4520	364694.199	2914498.658	165.549
1351	365242.052	2913936.433	168.160	2936	365006.320	2914146.399	167.750	4521	364692.652	2914497.417	165.488
1352	365242.579	2913936.944	168.058	2937	365008.777	2914143.787	167.615	4522	364690.639	2914495.581	165.422
1353	365243.532	2913938.143	167.692	2938	365010.471	2914144.223	167.457	4523	364688.854	2914493.162	165.604
1354	365245.837	2913940.296	167.726	2939	365012.132	2914145.495	167.395	4524	364686.773	2914490.945	165.593
1355	365247.839	2913942.837	167.692	2940	365013.823	2914146.731	166.686	4525	364684.825	2914488.727	165.877
1356	365249.417	2913944.648	167.406	2941	365015.937	2914148.528	166.437	4526	364683.303	2914486.596	166.020
1357	365251.668	2913947.332	167.497	2942	365018.296	2914150.483	166.385	4527	364682.024	2914484.992	166.019
1358	365254.182	2913949.927	167.444	2943	365020.020	2914150.355	166.077	4528	364680.545	2914482.991	166.028
1359	365255.876	2913951.582	167.331	2944	365020.922	2914148.629	166.289	4529	364679.056	2914480.769	166.127
1360	365257.440	2913953.179	167.031	2945	365019.905	2914147.032	166.153	4530	364677.941	2914478.963	166.096
1361	365259.914	2913955.655	167.180	2946	365019.345	2914145.721	167.045	4531	364677.053	2914477.077	166.095
1362	365261.477	2913957.488	167.196	2947	365018.653	2914144.242	167.280	4532	364675.502	2914475.327	166.344
1363	365263.068	2913959.094	166.998	2948	365017.120	2914142.696	167.352	4533	364674.133	2914474.278	166.230
1364	365265.406	2913961.631	167.388	2949	365015.474	2914140.867	167.370	4534	364672.880	2914473.342	166.281
1365	365264.940	2913962.834	167.556	2950	365013.465	2914138.847	167.372	4535	364671.312	2914472.157	166.321
1366	365263.916	2913964.045	167.663	2951	365014.032	2914136.351	167.412	4536	364668.714	2914469.362	166.621
1367	365262.592	2913965.148	167.656	2952	365016.528	2914132.887	167.510	4537	364670.162	2914467.615	166.634
1368	365261.303	2913966.276	167.693	2953	365018.753	2914134.108	167.307	4538	364672.406	2914465.434	166.637
1369	365260.089	2913967.522	167.680	2954	365020.918	2914135.747	167.178	4539	364674.241	2914463.193	166.630
1370	365258.764	2913968.775	167.751	2955	365023.173	2914137.371	166.921	4540	364676.749	2914461.074	166.513
1371	365257.140	2913968.169	167.509	2956	365025.500	2914138.679	166.949	4541	364678.910	2914458.797	166.495
1372	365255.805	2913966.752	167.371	2957	365028.496	2914140.842	167.124	4542	364680.871	2914456.949	166.323
1373	365253.201	2913963.983	167.254	2958	365029.224	2914139.254	167.036	4543	364683.046	2914454.617	166.142
1374	365250.404	2913961.158	167.122	2959	365030.745	2914137.605	167.064	4544	364685.426	2914452.074	166.055
1375	365247.166	2913957.396	167.379	2960	365032.537	2914135.979	166.917	4545	364687.253	2914450.263	165.977

استشاري المساحة /
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الأندلس للمقاولات
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مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1376	365244.766	2913954.843	167.489	2961	365032.879	2914134.417	166.941	4546	364689.312	2914448.313	165.876
1377	365242.020	2913952.203	167.422	2962	365031.646	2914132.316	166.905	4547	364691.030	2914446.636	165.773
1378	365239.704	2913949.217	167.559	2963	365029.992	2914130.218	166.971	4548	364693.071	2914444.556	165.581
1379	365237.486	2913946.319	167.721	2964	365028.312	2914128.156	167.127	4549	364695.090	2914442.554	165.691
1380	365235.779	2913945.281	168.030	2965	365026.907	2914126.202	167.221	4550	364697.137	2914440.581	165.448
1381	365234.287	2913946.021	168.196	2966	365028.220	2914124.406	167.192	4551	364698.769	2914439.035	165.427
1382	365232.726	2913947.448	168.263	2967	365030.818	2914121.872	167.118	4552	364700.862	2914437.169	165.303
1383	365230.892	2913948.012	168.297	2968	365032.763	2914122.485	167.026	4553	364703.154	2914435.239	165.205
1384	365229.283	2913946.700	168.212	2969	365034.752	2914124.494	167.015	4554	364705.203	2914433.255	165.224
1385	365226.458	2913944.986	168.206	2970	365036.677	2914126.467	166.918	4555	364707.071	2914431.478	165.126
1386	365224.944	2913943.408	168.379	2971	365040.273	2914130.302	166.446	4556	364708.877	2914429.822	165.204
1387	365232.006	2913947.862	168.181	2972	364924.663	2914220.310	166.353	4557	364710.508	2914428.185	165.238
1388	365233.783	2913949.447	167.963	2973	364923.749	2914221.749	166.436	4558	364712.255	2914426.797	165.165
1389	365235.396	2913950.915	167.835	2974	364922.152	2914223.326	166.409	4559	364714.521	2914424.662	165.254
1390	365237.407	2913952.939	167.866	2975	364923.164	2914224.202	166.572	4560	364716.334	2914422.974	165.222
1391	365238.933	2913954.305	167.678	2976	364923.849	2914224.839	166.284	4561	364718.221	2914421.323	165.058
1392	365241.100	2913956.441	167.576	2977	364925.849	2914226.771	166.198	4562	364720.739	2914418.749	165.055
1393	365243.110	2913958.417	167.587	2978	364928.207	2914228.808	166.145	4563	364722.959	2914416.473	165.068
1394	365244.866	2913960.386	167.384	2979	364930.938	2914230.858	165.880	4564	364725.056	2914414.546	165.086
1395	365247.268	2913962.226	167.292	2980	364935.076	2914233.727	165.633	4565	364726.671	2914412.875	165.097
1396	365249.853	2913964.797	167.465	2981	364939.023	2914236.757	165.734	4566	364729.016	2914410.850	165.226
1397	365251.552	2913966.609	167.239	2982	364942.700	2914240.022	165.917	4567	364731.439	2914408.978	165.103
1398	365253.717	2913968.715	167.418	2983	364944.911	2914242.332	165.753	4568	364734.752	2914406.541	165.111
1399	365255.897	2913970.682	167.699	2984	364948.306	2914245.641	165.749	4569	364737.143	2914404.352	165.134
1400	365254.857	2913972.004	167.608	2985	364950.429	2914247.778	165.580	4570	364739.413	2914402.193	165.121
1401	365252.665	2913974.541	167.583	2986	364953.926	2914251.892	166.027	4571	364740.968	2914400.643	165.080
1402	365250.951	2913976.258	167.354	2987	364951.806	2914253.960	165.962	4572	364744.292	2914397.691	165.136
1403	365249.562	2913977.215	167.350	2988	364950.246	2914255.471	166.053	4573	364747.260	2914395.222	165.298
1404	365247.295	2913975.909	167.315	2989	364948.303	2914256.969	166.084	4574	364748.920	2914393.424	165.246
1405	365245.143	2913974.046	167.401	2990	364946.914	2914258.567	166.087	4575	364750.961	2914391.371	165.212
1406	365243.116	2913972.170	167.234	2991	364943.521	2914258.036	165.883	4576	364752.550	2914389.744	165.224
1407	365241.107	2913970.097	167.534	2992	364941.266	2914255.712	165.779	4577	364754.175	2914388.121	165.286
1408	365239.115	2913967.639	167.772	2993	364938.753	2914253.757	165.861	4578	364755.578	2914386.558	165.207
1409	365238.384	2913966.516	167.646	2994	364936.351	2914251.657	165.904	4579	364757.445	2914384.759	165.313
1410	365236.355	2913964.835	167.696	2995	364934.117	2914249.506	165.991	4580	364759.067	2914383.221	165.228
1411	365234.631	2913963.073	167.558	2996	364931.896	2914247.409	165.856	4581	364760.594	2914381.591	165.242
1412	365232.973	2913961.322	167.674	2997	364929.688	2914245.425	165.928	4582	364762.144	2914380.351	165.347
1413	365231.455	2913959.515	167.631	2998	364927.491	2914243.432	165.986	4583	364764.220	2914378.614	165.513
1414	365229.412	2913957.415	167.983	2999	364925.264	2914241.541	165.961	4584	364766.401	2914376.429	165.563
1415	365227.702	2913955.875	167.940	3000	364922.979	2914239.746	166.035	4585	364767.939	2914374.800	165.577
1416	365226.073	2913954.092	168.103	3001	364920.630	2914237.997	166.171	4586	364769.612	2914373.463	165.625
1417	365223.821	2913952.336	168.296	3002	364916.830	2914235.413	166.378	4587	364771.578	2914372.036	165.828
1418	365221.192	2913950.545	168.261	3003	364913.779	2914233.997	166.700	4588	364773.223	2914371.098	166.020
1419	365218.921	2913949.640	168.567	3004	364912.549	2914235.326	166.654	4589	364776.809	2914369.111	166.452
1420	365218.278	2913950.551	168.691	3005	364911.329	2914236.986	166.719	4590	364778.179	2914369.936	166.391
1421	365217.650	2913951.499	168.734	3006	364910.257	2914238.900	166.612	4591	364779.114	2914370.755	166.373
1422	365217.437	2913952.694	168.502	3007	364910.370	2914240.271	166.522	4592	364780.989	2914371.924	166.315
1423	365214.521	2913954.782	168.712	3008	364911.557	2914242.327	166.247	4593	364782.037	2914372.818	166.180
1424	365215.363	2913955.530	168.469	3009	364913.328	2914244.521	166.100	4594	364783.881	2914374.537	166.140
1425	365216.799	2913956.794	168.121	3010	364915.492	2914246.530	165.910	4595	364785.371	2914375.966	165.974
1426	365219.138	2913959.032	168.246	3011	364917.498	2914248.185	165.719	4596	364787.009	2914377.356	165.965
1427	365221.281	2913960.524	167.990	3012	364920.100	2914250.051	165.693	4597	364788.193	2914378.375	165.678
1428	365223.439	2913962.975	167.933	3013	364923.942	2914253.122	166.135	4598	364790.265	2914379.425	165.765
1429	365225.208	2913965.090	167.511	3014	364926.655	2914255.069	166.123	4599	364791.580	2914380.417	165.437
1430	365227.645	2913968.003	167.665	3015	364929.654	2914257.155	165.946	4600	364793.694	2914381.797	165.555

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مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (464+300 : 468+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1431	365229.655	2913970.499	167.619	3016	364932.623	2914259.218	165.610	4601	364795.092	2914382.807	165.363
1432	365231.687	2913972.491	167.555	3017	364935.507	2914261.209	165.539	4602	364797.289	2914384.252	165.387
1433	365232.926	2913974.253	167.296	3018	364938.082	2914263.230	165.631	4603	364798.990	2914385.735	165.310
1434	365235.413	2913977.162	167.543	3019	364940.528	2914264.983	165.920	4604	364800.420	2914386.949	165.015
1435	365237.235	2913979.378	167.379	3020	364939.631	2914266.777	166.052	4605	364802.175	2914388.752	165.187
1436	365239.529	2913981.821	167.389	3021	364937.569	2914268.868	166.084	4606	364803.446	2914390.094	165.083
1437	365242.270	2913984.871	167.382	3022	364934.047	2914271.259	165.948	4607	364805.179	2914392.025	165.214
1438	365241.294	2913985.829	167.268	3023	364931.810	2914269.880	165.761	4608	364806.429	2914393.388	165.080
1439	365238.729	2913986.835	167.523	3024	364928.343	2914266.736	165.732	4609	364808.177	2914394.704	165.401
1440	365236.229	2913987.206	167.654	3025	364925.919	2914264.557	165.897	4610	364808.893	2914395.640	165.494
1441	365232.401	2913987.690	167.660	3026	364922.487	2914261.392	165.991	4611	364817.266	2914387.801	166.427
1442	365230.398	2913985.923	167.516	3027	364920.478	2914259.395	166.126	4612	364815.875	2914389.051	166.091
1443	365229.308	2913984.468	167.378	3028	364917.260	2914256.433	165.986	4613	364813.633	2914391.161	165.935
1444	365227.394	2913982.551	167.467	3029	364914.938	2914254.262	165.840	4614	364809.951	2914394.583	165.627
1445	365225.265	2913980.493	167.307	3030	364912.521	2914252.278	165.756	4615	364807.665	2914396.285	165.304
1446	365223.475	2913978.595	167.293	3031	364908.776	2914249.502	165.999	4616	364798.422	2914403.868	164.864
1447	365220.753	2913976.121	167.512	3032	364906.589	2914247.649	166.096	4617	364798.014	2914404.167	164.754
1448	365218.898	2913974.670	167.503	3033	364904.581	2914246.614	166.333	4618	364796.953	2914405.498	164.717
1449	365216.763	2913973.054	167.535	3034	364902.348	2914248.395	166.229	4619	364795.052	2914407.697	164.773
1450	365214.883	2913971.099	167.440	3035	364900.466	2914249.758	166.261	4620	364792.678	2914410.128	164.776
1451	365212.167	2913969.441	167.631	3036	364897.764	2914251.600	166.533	4621	364791.119	2914411.894	164.622
1452	365208.952	2913966.476	167.764	3037	364898.744	2914253.091	166.144	4622	364788.970	2914414.212	164.838
1453	365206.861	2913964.593	168.372	3038	364900.334	2914255.080	166.002	4623	364786.613	2914416.300	164.796
1454	365204.916	2913963.189	168.700	3039	364902.504	2914257.317	165.866	4624	364784.343	2914418.419	164.811
1455	365204.128	2913964.009	168.667	3040	364904.710	2914259.621	165.720	4625	364782.796	2914419.948	164.716
1456	365203.607	2913964.502	168.574	3041	364907.063	2914261.804	165.613	4626	364781.391	2914421.576	164.810
1457	365202.292	2913965.448	168.196	3042	364910.408	2914264.944	165.970	4627	364779.417	2914423.602	164.979
1458	365200.745	2913966.410	168.134	3043	364912.550	2914267.044	166.033	4628	364778.106	2914425.080	164.850
1459	365199.509	2913967.504	167.961	3044	364914.671	2914269.054	165.944	4629	364775.637	2914427.385	165.016
1460	365198.213	2913968.643	167.827	3045	364916.659	2914271.360	165.807	4630	364773.169	2914429.258	165.041
1461	365198.706	2913970.016	167.441	3046	364918.758	2914273.535	165.642	4631	364770.600	2914431.426	165.258
1462	365199.937	2913971.300	167.239	3047	364920.607	2914276.001	165.480	4632	364768.292	2914433.503	165.168
1463	365201.552	2913973.838	167.281	3048	364922.634	2914278.322	165.406	4633	364766.484	2914435.018	164.963
1464	365202.798	2913975.440	166.999	3049	364924.573	2914280.692	165.790	4634	364764.036	2914437.276	165.124
1465	365204.546	2913977.936	167.125	3050	364925.873	2914282.788	165.900	4635	364761.906	2914439.275	165.194
1466	365206.787	2913979.879	166.922	3051	364924.124	2914285.430	165.856	4636	364759.552	2914441.706	165.308
1467	365208.637	2913982.124	167.020	3052	364921.983	2914287.408	165.837	4637	364757.933	2914443.159	165.146
1468	365210.521	2913984.177	166.804	3053	364917.840	2914290.958	165.911	4638	364755.296	2914445.070	165.115
1469	365212.193	2913986.194	166.752	3054	364915.000	2914289.786	165.506	4639	364754.168	2914446.946	165.069
1470	365214.451	2913988.632	166.799	3055	364912.512	2914287.990	165.355	4640	364752.728	2914448.501	165.211
1471	365216.590	2913990.915	166.860	3056	364908.576	2914285.047	165.550	4641	364751.009	2914450.773	165.350
1472	365217.982	2913992.407	166.774	3057	364906.272	2914282.921	165.776	4642	364749.280	2914452.542	165.325
1473	365220.724	2913995.400	167.017	3058	364904.061	2914281.040	165.884	4643	364747.608	2914454.136	165.321
1474	365221.123	2913996.212	167.323	3059	364901.708	2914279.215	165.868	4644	364746.027	2914455.754	165.359
1475	365219.887	2913997.194	167.040	3060	364897.851	2914276.893	165.966	4645	364743.307	2914457.929	165.485
1476	365218.389	2913998.546	166.859	3061	364895.452	2914275.206	165.647	4646	364741.349	2914459.454	165.207
1477	365217.010	2913999.868	166.634	3062	364891.383	2914272.595	165.810	4647	364738.733	2914461.825	165.485
1478	365215.758	2914001.099	166.522	3063	364889.052	2914270.825	165.919	4648	364737.026	2914463.121	165.260
1479	365214.390	2914002.551	166.275	3064	364886.603	2914269.151	166.120	4649	364734.422	2914465.400	165.348
1480	365212.990	2914004.015	166.245	3065	364883.059	2914267.060	166.586	4650	364732.507	2914466.952	165.119
1481	365211.300	2914003.719	166.133	3066	364881.571	2914268.932	166.494	4651	364729.811	2914469.326	165.331
1482	365209.193	2914001.768	166.248	3067	364879.964	2914270.773	166.374	4652	364727.340	2914471.507	165.367
1483	365207.007	2913999.625	166.149	3068	364877.304	2914272.172	166.803	4653	364725.497	2914472.881	165.091
1484	365205.172	2913998.117	165.923	3069	364879.273	2914275.515	166.215	4654	364723.106	2914475.128	165.345
1485	365202.664	2913995.982	166.163	3070	364881.021	2914278.317	165.989	4655	364720.735	2914477.139	165.477

استشارى المساحة /
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مشروع القطار الكهربائي السريع أكتوبر / أسوان
رفع مساحي لمستخلص رقم (2 جارى) لأعمال القطع المتناسك وقطع الإحلال
شركة الأندلس محمد نجيب (468+300 : 464+300)

Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation	Point	Easting	Northing	Elevation
1486	365200.151	2913993.882	166.440	3071	364883.012	2914280.820	165.786	4656	364718.970	2914478.657	165.240
1487	365197.525	2913991.879	166.460	3072	364885.144	2914283.270	165.592	4657	364716.542	2914480.842	165.434
1488	365195.081	2913990.014	166.422	3073	364887.237	2914285.800	165.716	4658	364713.948	2914483.361	165.393
1489	365192.765	2913987.954	166.357	3074	364890.218	2914289.448	165.932	4659	364711.206	2914485.865	165.407
1490	365190.819	2913986.538	166.356	3075	364892.217	2914291.865	165.781	4660	364708.549	2914488.165	165.373
1491	365189.049	2913984.481	166.398	3076	364894.230	2914294.130	165.673	4661	364706.768	2914489.492	165.224
1492	365186.447	2913982.515	166.662	3077	364896.279	2914296.423	165.562	4662	364705.111	2914491.133	165.412
1493	365184.461	2913980.886	166.798	3078	364899.525	2914299.891	165.524	4663	364703.579	2914492.761	165.357
1494	365183.616	2913981.372	166.747	3079	364902.997	2914303.118	165.529	4664	364701.239	2914495.258	165.469
1495	365182.484	2913982.341	166.840	3080	364905.102	2914305.006	165.673	4665	364698.587	2914497.402	165.552
1496	365181.391	2913983.313	166.670	3081	364904.565	2914307.141	165.769	4666	364696.956	2914498.881	165.469
1497	365180.109	2913984.312	166.787	3082	364903.264	2914309.226	165.876	4667	364694.836	2914500.914	165.528
1498	365179.223	2913985.262	166.606	3083	364901.989	2914311.265	165.936	4668	364693.409	2914502.352	165.367
1499	365178.025	2913986.269	166.484	3084	364899.645	2914311.375	165.749	4669	364691.968	2914503.847	165.528
1500	365177.012	2913987.297	166.643	3085	364895.600	2914309.968	165.522	4670	364690.449	2914505.343	165.408
1501	365177.522	2913988.431	166.677	3086	364892.951	2914308.743	165.639	4671	364688.896	2914523.349	164.012
1502	365179.441	2913990.672	166.483	3087	364888.939	2914306.680	165.666	4672	364662.444	2914522.852	163.996
1503	365180.965	2913991.936	166.286	3088	364886.363	2914305.013	165.786	4673	364659.601	2914521.642	164.075
1504	365183.251	2913994.095	166.332	3089	364883.968	2914303.119	165.909	4674	364657.481	2914520.561	164.093
1505	365184.602	2913995.760	166.166	3090	364880.328	2914300.708	166.134	4675	364654.785	2914519.188	164.200
1506	365185.994	2913997.391	166.099	3091	364876.857	2914298.190	166.050	4676	364652.559	2914517.773	164.058
1507	365188.132	2913999.817	166.084	3092	364874.534	2914296.347	165.718	4677	364650.568	2914516.548	164.075
1508	365190.403	2914002.179	166.038	3093	364870.837	2914293.529	165.816	4678	364648.579	2914515.497	164.020
1509	365191.816	2914003.799	166.014	3094	364868.535	2914291.798	165.783	4679	364645.361	2914513.772	164.446
1510	365193.920	2914006.245	166.113	3095	364865.026	2914289.387	166.010	4680	364643.559	2914512.609	164.335
1511	365195.292	2914007.761	165.843	3096	364863.862	2914289.794	166.086	4681	364641.379	2914511.235	164.478
1512	365197.335	2914010.162	165.921	3097	364862.243	2914292.302	166.232	4682	364639.592	2914509.953	164.494
1513	365199.487	2914012.592	165.839	3098	364860.517	2914294.780	166.200	4683	364636.725	2914508.055	164.672
1514	365201.511	2914014.806	165.845	3099	364861.317	2914296.676	165.971	4684	364634.899	2914506.836	164.505
1515	365202.390	2914016.009	166.003	3100	364863.001	2914298.722	165.716	4685	364633.076	2914505.506	164.705
1516	365201.025	2914016.872	166.036	3101	364866.294	2914301.929	165.778	4686	364631.421	2914504.483	164.711
1517	365198.901	2914018.783	166.264	3102	364869.482	2914305.176	166.033	4687	364628.976	2914505.637	164.448
1518	365197.715	2914019.847	166.256	3103	364871.529	2914307.277	165.956	4688	364627.581	2914506.759	164.142
1519	365196.439	2914021.002	166.324	3104	364874.630	2914310.356	166.116	4689	364626.488	2914508.482	164.235
1520	365195.263	2914022.279	166.290	3105	364876.699	2914312.359	165.649	4690	364626.687	2914509.668	164.174
1521	365193.678	2914021.502	166.133	3106	364880.116	2914315.601	165.858	4691	364628.244	2914510.901	164.171
1522	365191.451	2914020.103	166.151	3107	364882.748	2914318.497	165.844	4692	364630.244	2914511.928	164.027
1523	365189.791	2914018.690	166.058	3108	364885.989	2914321.542	165.888	4693	364632.284	2914513.104	164.178
1524	365187.405	2914016.657	166.021	3109	364887.689	2914323.523	166.268	4694	364634.193	2914514.440	164.135
1525	365185.676	2914015.070	165.794	3110	364889.170	2914326.250	166.321	4695	364635.913	2914515.514	164.159
1526	365182.942	2914012.516	165.835	3111	364887.645	2914327.356	166.253	4696	364636.624	2914515.783	164.284
1527	365181.347	2914011.100	165.788	3112	364884.992	2914329.706	166.159	4697	364638.515	2914516.898	164.121
1528	365179.040	2914008.857	165.947	3113	364883.201	2914331.603	166.137	4698	364640.512	2914518.360	163.935
1529	365177.458	2914007.398	165.748	3114	364879.673	2914330.429	166.099	4699	364642.543	2914519.998	163.987
1530	365174.937	2914005.164	165.988	3115	364877.465	2914329.239	165.802	4700	364644.329	2914521.681	163.814
1531	365173.222	2914003.793	165.962	3116	364874.441	2914326.001	166.029	4701	364646.322	2914523.309	163.912
1532	365170.763	2914001.715	166.228	3117	364871.623	2914323.856	165.861	4702	364648.096	2914524.818	163.878
1533	365169.100	2914000.430	166.307	3118	364868.330	2914321.320	165.939	4703	364649.972	2914526.396	163.771
1534	365167.237	2913998.469	166.356	3119	364866.252	2914319.498	166.049	4704	364651.836	2914527.818	163.625
1535	365165.755	2913997.644	166.508	3120	364862.814	2914316.995	166.208	4705	364653.571	2914529.399	163.538
1536	365165.090	2913997.713	166.630	3121	364860.646	2914315.375	166.121	4706	364654.958	2914531.015	163.500
1537	365164.247	2913998.700	166.505	3122	364858.375	2914313.714	165.949	4707	364652.537	2914533.492	163.560
1538	365163.716	2913999.337	166.418	3123	364855.040	2914311.191	165.896	4708	364650.856	2914533.601	163.731
1539	365162.517	2914000.512	166.431	3124	364853.221	2914310.218	165.815	4709	364649.236	2914532.319	163.651
1540	365161.753	2914002.089	166.598	3125	364850.579	2914311.064	165.811	4710	364647.242	2914531.328	163.639

استشارى المساحة /

صفحة 28

الشركة المنفذة /

الأندلس للمقاولات
٢٠٢٢
ب
١٠

شركة الأندلس محمد نجيب (468+300 : 464+300)

29/9



بيان المعدات

التاريخ : 2023-11-6

اسم المشروع : مشروع القطار السريع (أكتوبر-أبوسمبل)
المسافة من كم 464+300 وحتى كم 468+300 بطول 4 كم

بالإشارة الى العقد المبرم بين الهيئة العامة للطرق والكباري وشركة الاندلس (محمد نجيب محمد)
رقم (2023/2022/2176)
لتنفيذ المشروع عاليه بالمعدات الآتية :

العدد	المعدة
6	حفار
3	لودر
10	عربية قلاب
2	بلدوزر
3	جريدر
2	تألك مياه
2	سيارات خدمة
4	هراس

الهيئة العامة للطرق والكباري

الشركة المنفذة

الاسم : **ميخائيل حسن أمين**

التوقيع :





التاريخ : 2023-11-06
اسم المشروع : مشروع القطار السريع (أكتوبر-أبوسمبل)
رقم العقد: (2023/2022/2176)

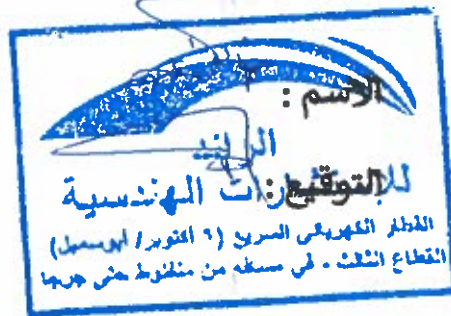
الهيئة العامة للطرق والكباري

مكتب الرائد للاستشارات الهندسيه

الشركة المنفذه

الاسم: صيا جرحى أمين

التوقيع :



الاسم : سید علی

التوقيع:

