



**ADDENDUM # 1
and Q&A #1**

Date: October 7, 2022

Project: Harrow – Fire Access Roadway Paving Project

Bidders must make sure that their bids are based on the latest version of the tender documents published and take into consideration the following amendments and information, including any information provided on amendments or Q&A previously published for this project.

Bidders that do not comply with this requirement will be discarded.

Q&A :

Q1: Are we to assume there is a drainage outlet somewhere along the concrete fence wall as shown on the drawings

A1: The finished road will follow the existing drainage pattern along the concrete wall which has existing outlets.

Q2: Pavement markings (32 17 23)?

A2: The Pavement markings specification is in reference to the Parking Lot scope of work and is not needed for the Fire Access Road scope.

Q3: Project calls for a topographic survey can you elaborate for need of topographic survey

A3: Topographic survey post-construction along the access road is to confirm finished ground elevations, as shown on drawings. In addition to swale and road elevations, the final topographic survey should also include elevations for points of interest, such as catchbasins, manholes and tie-ins to existing ground/road surfaces.

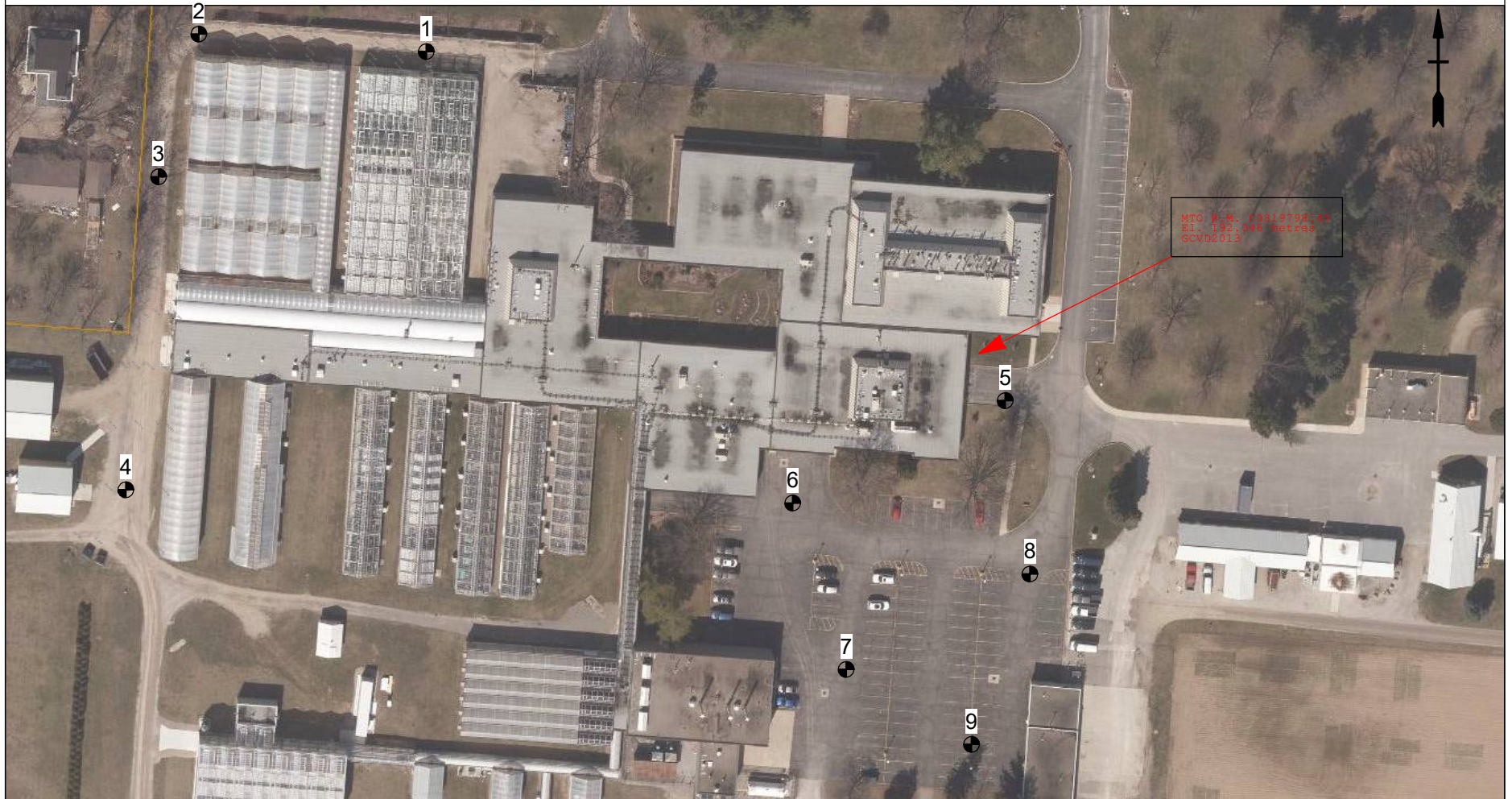
ADDENDUM :

1. Addition to Appendix E – Technical Specifications and Drawings

Copies of the borehole records attached.

All other terms and conditions remain the same.

SITE MAP



CT SITE PLAN LANDSCAPE 20G082.GPJ BETA.TOM.20200121.GDT 2/18/21

LEGEND:

- Test Hole
- ◆ Monitoring Well
- ⊕ Test Well
- ☒ DMT
- ▢ Inclinometer
- Test Pit



CT Soil & Materials Testing Inc
 2000 Legacy Park Dr
 Windsor, ON N8W 5S6
 Telephone: (519) 966-8863
 Fax: (519) 966-8870

Notes:

Testhole Locations

Project: West Roadway and Employee Parking Paving Improvements

Location: 2585 Cnty Rd 20, Harrow (Essex), ON

Number: 20G082

Client:
 Agriculture and Agri-Food Canada,
 Research and Development Centre

DRAWING

2



**C.T. SOIL & MATERIALS
TESTING INC.**
WINDSOR ONTARIO

Client: **Agriculture and Agri-Food Canada,
Research and Development Centre**
Project: **West Roadway and Employee Parking
Paving Improvements**
Location: **2585 Cnty Rd 20, Harrow (Essex), ON**

EQUIPMENT DATA
Machine: **Diedrich D50 Truck**
Method: **S/S Auger**
Size: **115 mm O.D.**
Date: **12/11/2021 TO 12/11/2021**

SOIL LITHOLOGY		SAMPLE			SHEAR STR.(kPa)		BULK UNIT WGHT (kN/m ³)	WATER CONTENT (%)			WELL No Well DATA	ELEV. (m)	REMARKS & GRAIN SIZE DISTRIBUTION % GR SA SI CL
EL./DPT (m)	DESCRIPTION <i>DMT</i>	DEPTH (m)	SYMBOL	SAMP ID	TYPE	N-VALUE		DILATOMETER: Su (bars) M (bars) ▼ FIELD VANE: Peak X Rem. ⊗ LAB TEST: Unc. ■ P.P. □ 50 100 150	Wp	W			
0.30 191.60	GRAVEL & SAND (GWS) - silty, well graded crushed limestone dense	0.0		0.0	SPT	34	PENETR. RESISTANCE DMT Phi (kPa) ◆ STANDARD ● DYN. CONE ○ 20 40 60	10	20	30			47 36 (17)
1.20 190.70	SAND (SP) - fine grained sand with some gravel brown compact	2.0		2.0	SPT	13							
	End of testhole	1.5											open and dry upon completion
		2.0											
		2.5											
		3.0											
		3.5											
		4.0											
		4.5											
		5.0											
		5.5											
		6.0											
		6.5											

REVIEWING PROFESSIONAL:
B. Purcka, B.A.Sc., EIT
Soil & Materials
Engineering Inc.

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Project: **West Roadway and Employee Parking
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SOIL LITHOLOGY		SAMPLE			SHEAR STR.(kPa)		BULK UNIT WGHT (kN/m ³)	WATER CONTENT (%)			WELL No Well DATA	ELEV. (m)	REMARKS & GRAIN SIZE DISTRIBUTION % GR SA SI CL
EL/DPT (m)	DESCRIPTION <i>DMT</i>	DEPTH (m)	SYMBOL	SAMP ID	TYPE	N-VALUE		DILATOMETER: Su M (bars) ▼ FIELD VANE: Peak X Rem. ⊗ LAB TEST: Unc. ■ P.P. □	Wp	W			
0.30 191.65	GRAVEL & SAND (GWS) - silty, well graded crushed limestone												
	dense			0.0	SPT	31							58 26 (16)
	SAND (SP) - fine grained sand silt	0.5											
	brown			2.0	SPT	8							
	compact	1.0											
1.20 190.75	End of testhole												open and dry upon completion
		1.5											
		2.0											
		2.5											
		3.0											
		3.5											
		4.0											
		4.5											
		5.0											
		5.5											
		6.0											
		6.5											

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Client: **Agriculture and Agri-Food Canada, Research and Development Centre**
Project: **West Roadway and Employee Parking Paving Improvements**
Location: **2585 Cnty Rd 20, Harrow (Essex), ON**

EQUIPMENT DATA
Machine: **Diedrich D50 Truck**
Method: **S/S Auger**
Size: **115 mm O.D.**
Date: **12/11/2021 TO 12/11/2021**

SOIL LITHOLOGY			SAMPLE			SHEAR STR.(kPa)			BULK UNIT WEIGHT (kN/m ³)	WATER CONTENT (%)			WELL No Well DATA	ELEV. (m)	REMARKS & GRAIN SIZE DISTRIBUTION % GR SA SI CL
EL/DPT (m)	DESCRIPTION <i>DMT</i>	DEPTH (m)	SAMP ID	TYPE	N-VALUE	DILATOMETER: Su M (bars) ▼	FIELD VANE: Peak X Rem. ⊗	LAB TEST: Unc. ■ P.P. □		Wp	W	Wl			
0.30 190.80	GRAVEL & SAND (GWS) - silty, well graded crushed limestone	0.0	0.0	SPT	23									191	36 34 (23)
	dense SAND (SP) - fine grained sand and crushed limestone brown compact	0.5													
1.20 189.90	End of testhole	1.0	2.0	SPT	11									190	open and dry upon completion
		1.5													
		2.0													
		2.5													
		3.0													
		3.5													
		4.0													
		4.5													
		5.0													
		5.5													
		6.0													
		6.5													

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**ADDENDUM # 1
et Q&R #1**

Date: Le 7 octobre 2022

Projet: Harrow – Projet de pavage de la route d'accès coupe-feu

Les soumissionnaires doivent s'assurer que leurs propositions soient basées sur la version la plus récente des documents de soumission publiés et prennent en considération les informations ci-dessous, incluant toute information déjà publiée lors des amendements ou Q&R antérieurs.

Les propositions ne respectant pas cette exigence seront rejetées.

Q&R :

Q1 : Est-ce qu'il y a une sortie de drainage le long du mur en béton comme indiqué sur les dessins ?

R1 : Oui, la route finie suivra le schéma de drainage existant le long du mur de béton qui a des sorties existantes.

Q2 : Marquages de chaussée (32 17 23) ?

R2 : Cette section (marquages de chaussée 32 17 23) fait partie du projet du stationnement, cela n'est pas inclus dans cet appel d'offre.

Q3 : Vous avez demandé un levé topographique – pourquoi ? Pouvez-vous élaborer ?

R3 : Un levé topographique est requis après la construction pour confirmer les élévations de la route finie telles qu'indiquées sur les dessins. En plus des élévations de la rigole et de la route, le levé doit inclure les points d'intérêt tels que les puits d'accès, des bassins collecteurs et d'autres connexions aux surfaces existantes.

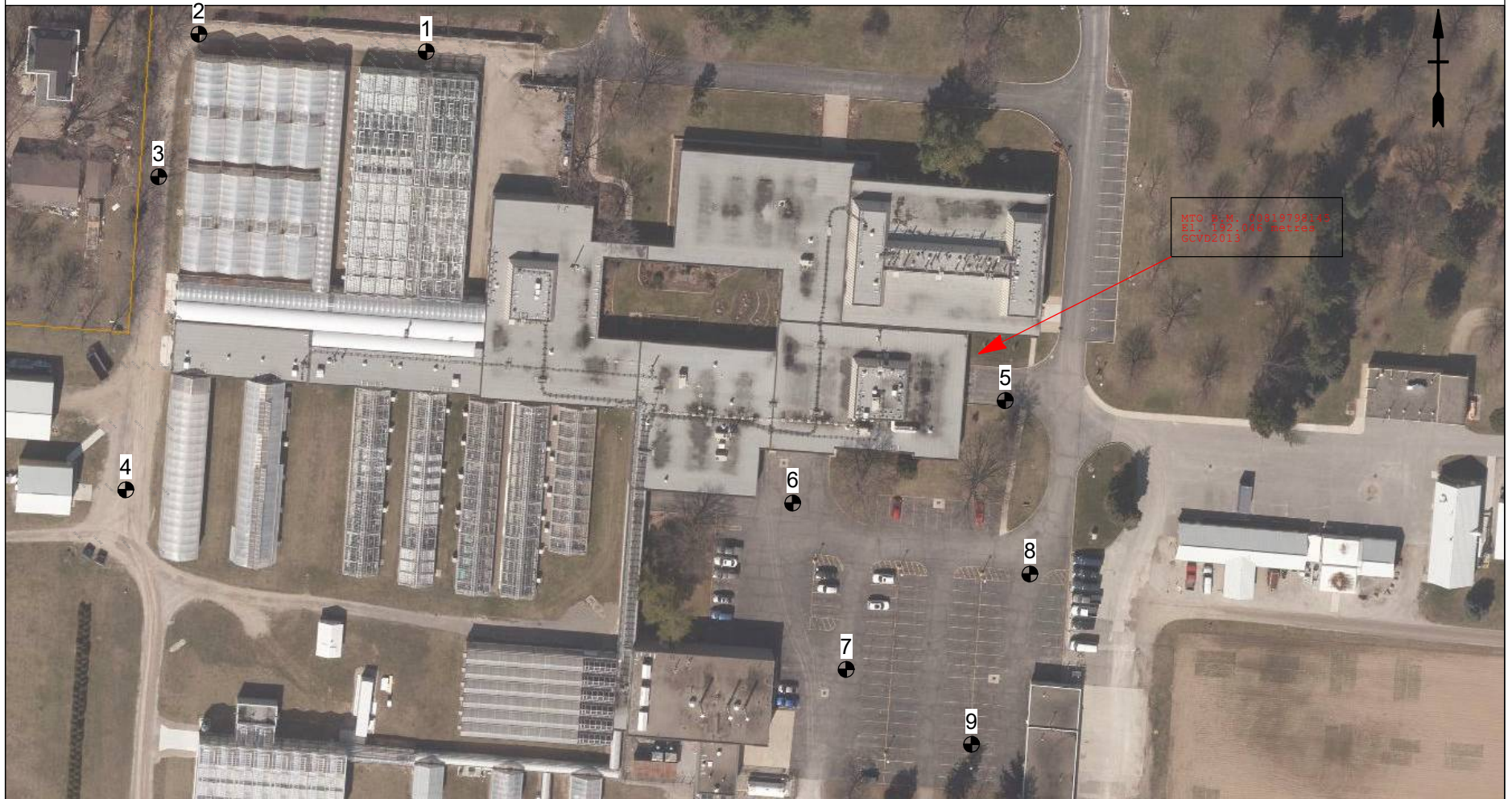
ADDENDUM :

1. Ajout à l'Annexe E – Spécifications techniques et dessins

Copies, ci-jointes, de plan du site avec trous de forage.

Toutes les autres conditions et exigences demeurent inchangées.

PLAN DU SITE



LEGEND:

- Trou de Forage
- ◆ puits de surveillance
- ⊕ Puits de Test
- ☒ DMT
- ☐ Clisimètre
- ☑ Puits d'exploration



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Notes:

EMPLACEMENT DES TROUS DE FORAGE

Projet: Chemin Ouest et Stationnement

Lieu: 2585 Cnty Rd 20, Harrow (Essex), ON

Numero: 20G082

Client:
*Agriculture et Agroalimentaire Canada,
Centre de Recherche, Harrow, ON*

DESSIN

2



**C.T. SOIL & MATERIALS
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WINDSOR ONTARIO

Client: **Agriculture et Agroalimentaire Canada,
Centre de recherche de Harrow**
Projet: **Chemin ouest et stationnement**

Lieu: **2585 Cnty Rd 20, Harrow (Essex), ON**

Données d'appareil
Machine: **Diedrich D50 Camion**
Méthode: **TARIÈRE A/I**
Taille: **115 mm D.E.**
Date: **12/11/2021 à 12/11/2021**

LITHOLOGIE DE SOL		échantillon			RÉSISTANCE AU CISAILEMENT (kPa)		TENEUR EN EAU (%)		DONNÉES Pas de Puits/ DE PUIITS	ALT. (m)	COMMENTAIRES & granulométrie	
ALT/PRF (m)	DESCRIPTION <i>DMT</i>	profondeur (m)	SYMBOLE	ID D'ÉCH	TYPE	VALUERS-N	DILATOMÈTRE: Su (bars) M (bars)	SCISSOMÈTRE: Peak X Rem.				Wp
0.30 191.60	GRAVIER & SABLE (GWS) calcaire ou de dolomite concassés et sableux de granulométrie uniforme dense			0.0	SPT	34						
	SABLE (SP) - sable fin et du gravier brun compact	0.5										
1.20 190.70	Fin de trou	1.0		2.0	SPT	13						
		1.5										
		2.0										
		2.5										
		3.0										
		3.5										
		4.0										
		4.5										
		5.0										
		5.5										
		6.0										
		6.5										

RÉVISÉ PAR:
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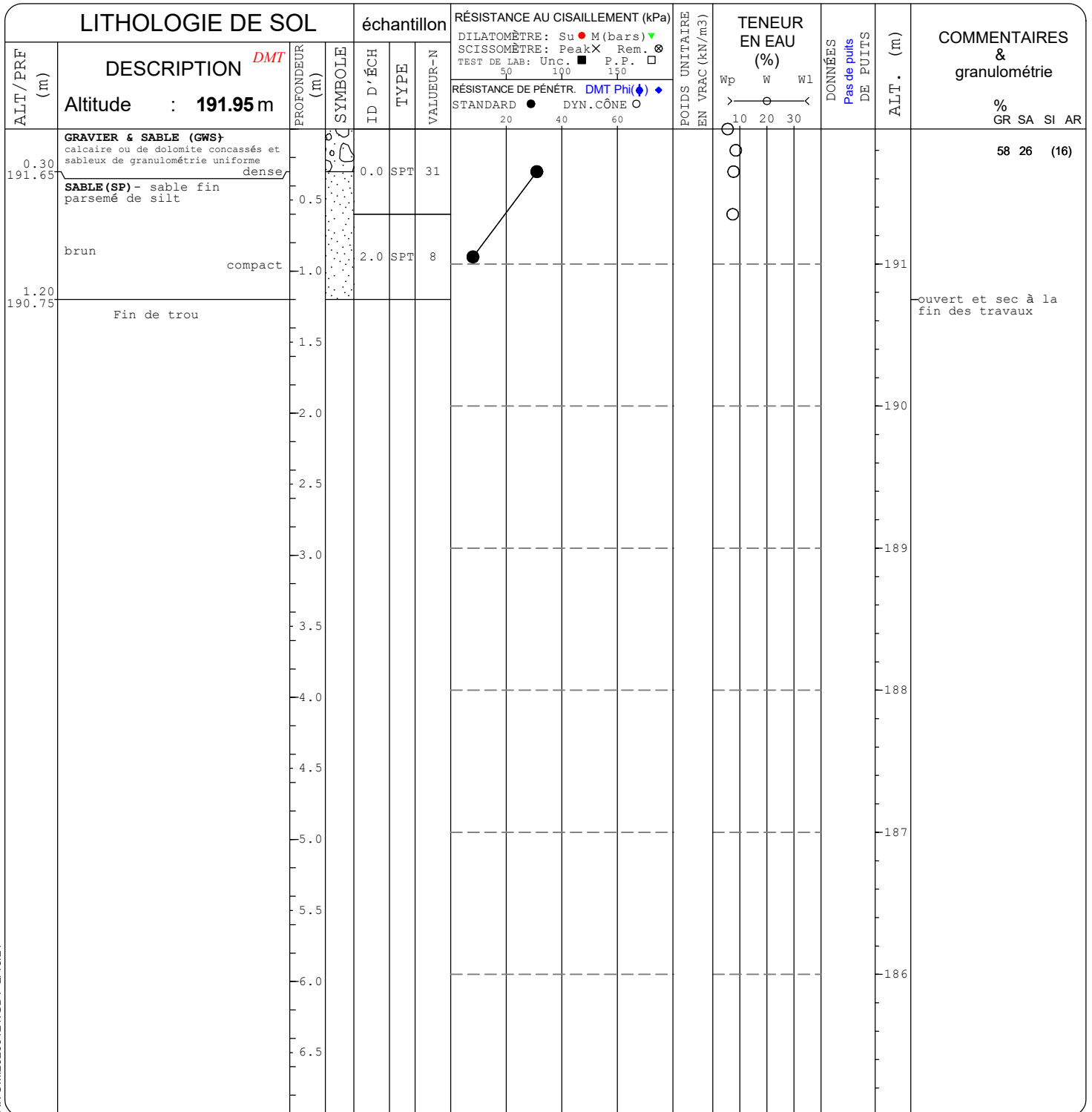


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