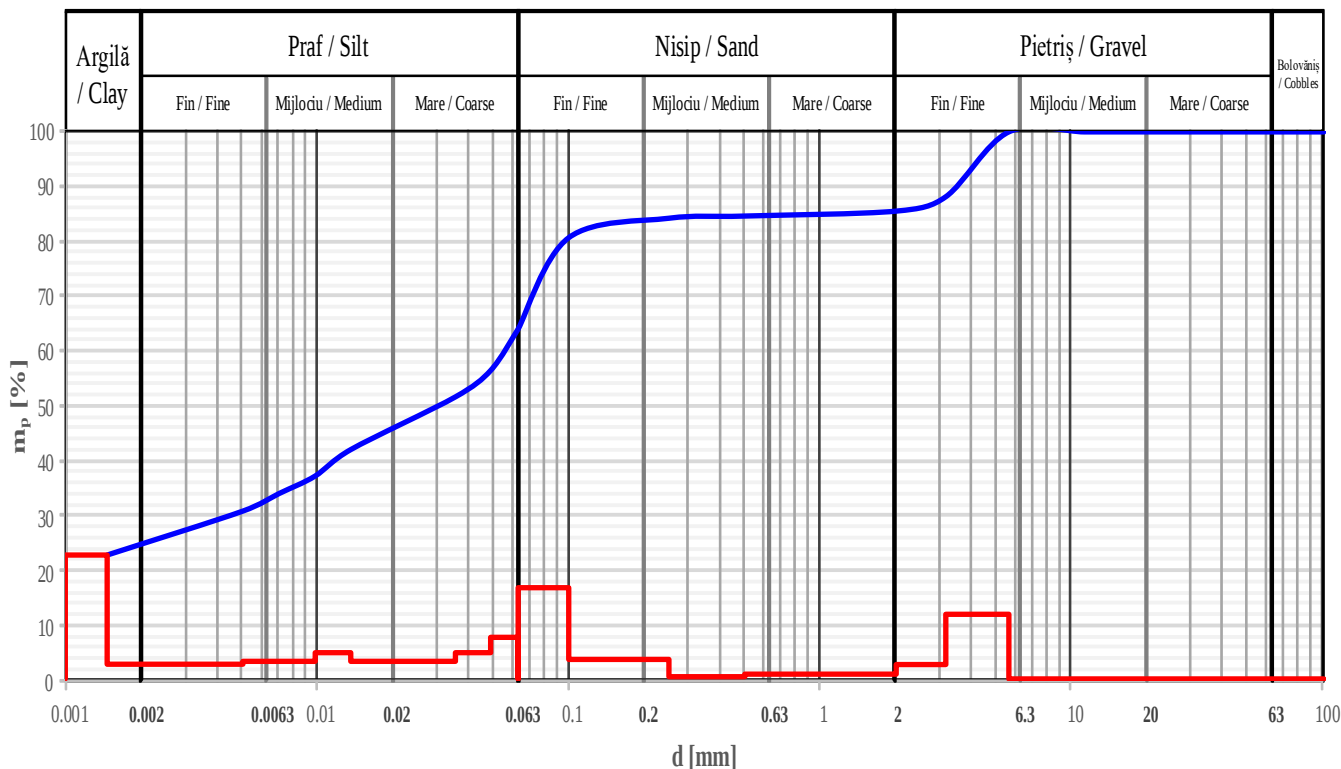


DCC-GEO-TEST CONSULT S.R.L.
 LABORATOR DE ANALIZE ȘI ÎNCERCĂRI
 ÎN CONSTRUCȚII - GRAD II
 Autorizație nr. 2940 din 15.08.2014/24.08.2018

Amplasament / Location: Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
 Forajul/Borehole: PODET 26
 Proba/Sample: PT 9
 Adancimea/Depth(m): 9,00

Raport de incercare nr. / Test report no.75 710



Curba granulometrica / Granulometric curve

Identificarea si clasificarea pamanturilor SR EN ISO 14688/2-2018 / SR EN ISO 14688/2-2018 / STAS 1913/5-85				Argila prafoasa nisipoasa / Sandy silty clay (sa.si.CI)				cenusie-galbuie				Un =	#N/A
Conform SR EN ISO 14688/2-2005, la cerinta beneficiarului	Pamant fin / Fine				Pamant grosier / Coarse						Pamant foarte grosier / Very coarse		
	Argila (CI)	Praf (Si)			Nisip (Sa)			Pietris (Gr)			Bolovanis (Co)		
		Fin (fSi)	Mediu (mS)	Mare (cSi)	Fin (fSa)	Mediu (mSa)	Mare (cSa)	Fin (fGr)	Mediu (mGr)	Mare (cGr)			
		24	40			22			14			0	
	< 0,002	< 0,0063	< 0,02	< 0,063	< 0,2	< 0,63	< 2	< 6,3	< 20	< 63	< 200mm		
%	24	9	13	18	19	2	1	14	0	0	0		

CLASIFICAREA PĂMÂNTURILOR /SR Pământ fin / Fine soil
 EN ISO 14688/2-2018 / SR EN ISO 14688/2-2018 #N/A

Executat de / Performed by:
 ing. Nina IOSIF

Nina IOSIF

Sef Laborator / Laboratory head: Constanta ANDREI



Data / Date: 16.12.2020

COD PROBA 75 710

Raport de incercare nr. / Test report no.75 711

**DETERMINAREA LIMITELOR DE PLASTICITATE /
DETERMINATION OF ATTEBERG LIMITS
STAS 1913/4-86**

Nr. de caderi ale cupei (N)	25	UMIDITATE NATURALA NATURAL MOISTURE STAS 1913/1-82			LIMITA DE CURGERE LIQUID LIMIT W _L %				LIMITA DE FRAMANTARE PLASTIC LIMIT W _P %		
Adancimea de patrundere a conului (S) mm	10				Metoda cu cupa						
					41	31	22	14			
PROBA UMEDA + TARA A (gr)		150,00			26,66	28,44	26,94	29,24	17,34	17,50	18,11
PROBA USCATA + TARA B (gr)		115,21			22,49	23,88	22,57	24,25	16,75	16,87	17,43
TARA C (gr)					11,57	12,59	12,35	13,16	13,02	12,91	13,19
A - B		34,79			4,16	4,56	4,37	4,99	0,59	0,63	0,68
B - C		115,21			10,92	11,29	10,22	11,09	3,73	3,96	4,24
W(%) = (A-B)/(B-C)*100		30,20			38,11	40,37	42,73	44,99	15,72	15,93	16,01
W(%) MEDIU		30,20			41,94				15,88		

DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Argila nisipoasa cenusie-galbuie cu FeO si pietris mic

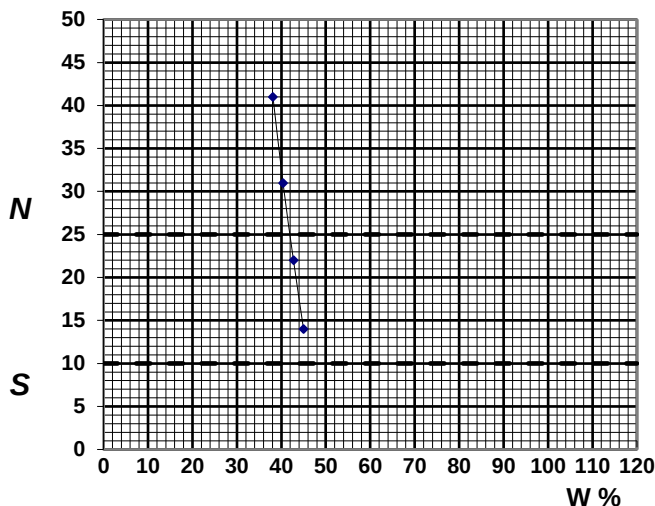
plastic moale / soft
consistency

SR EN ISO 14688/1/2-2018

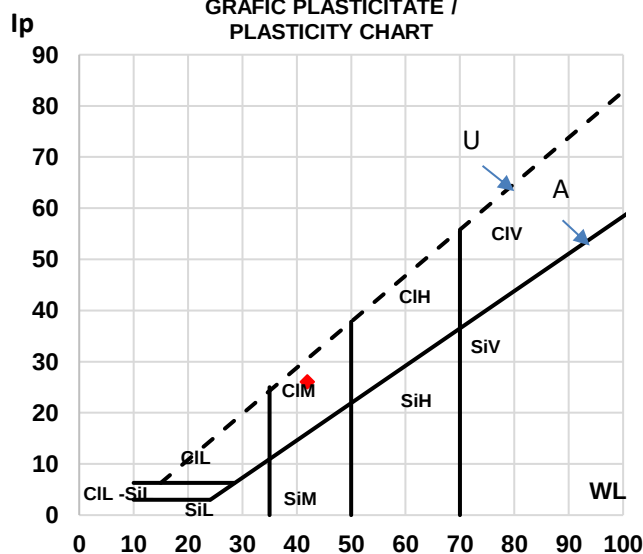
Pamant fin cu plasticitate medie / Fine soil, medium plasticity

CIM

GRAFICUL LIMITEI SUPERIOARE DE PLASTICITATE
UPPER LIMIT OF PLASTICITY CHART



GRAFIC PLASTICITATE /
PLASTICITY CHART



SR EN ISO 14688/2-2018					SR EN ISO 14688/2-2018		
LIMITA DE FRAMANTARE / PLASTIC LIMIT	W _P =	15,88	%	Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit	
UMIDIT. NATUR. / NATURAL MOISTURE	W =	30,20	%	Cl Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	41,94	%	Si Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	26,06	%		Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,45			Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - W _P) / I _P	0,55			O	organici	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 16.12.2020

COD PROBA 75

711

Sef Laborator / Laboratory head: Constanta ANDREI

