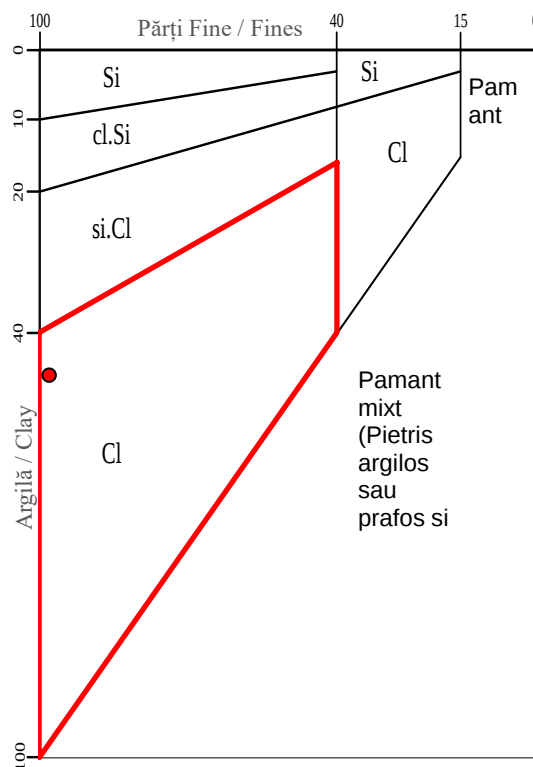
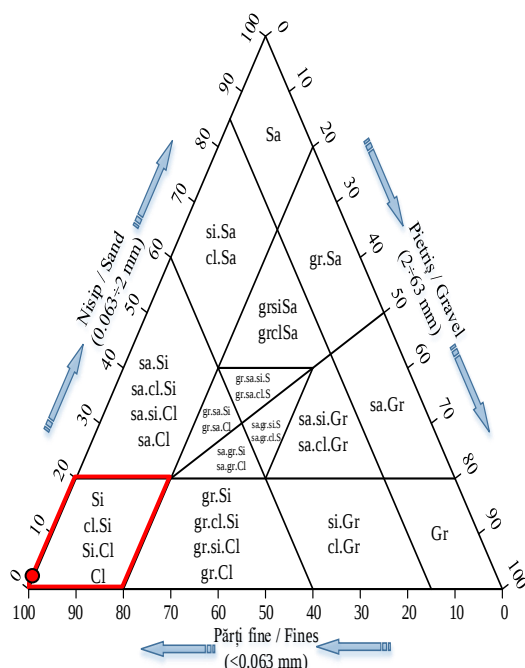


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	PODET 21
Proba/Sample:	PT 5
Adancimea/Depth(m):	5,00

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	d (mm)	mp (%)
CERNERE	100	100,0
	100	100,0
	100	100,0
	100	100,0
	100	100,0
	100	100,0
	90	100,0
	63	100,0
	45	100,0
	31,5	100,0
	22,4	100,0
	16	100,0
	11,2	100,0
	5,6	100,0
	3,15	100,0
SEDIMENTARE	2	100,0
	0,5	100,0
	0,25	100,0
	0,10	99,2
	0,063	97,6
	0,063	97,56
	0,038	94,79
	0,028	91,63
	0,020	87,41
	0,015	83,19
	0,011	78,97
	0,008	72,65
	0,006	66,32
	0,004	60,00
	0,003	53,67
	0,002	47,35
	0,001	41,02



Clasificarea pamantului dupa SR EN ISO 14688-1:2018 / SR EN ISO 14688-2:2018

Tip pamant / Soil group	Tip fractiune		%	C _u (Un)	C _c	Forma curbei granulometrice / Shape of grading curve	C _u (Un)	C _c
Pamant fin / Fine	Argila	Cl	46	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	52			Uniforma / Uniform		
Pamant grosier / Coarse	Nisip	Sa	2	3---6	< 1	Uniformitate medie / Medium uniformity		
	Pietris	Gr	0	6---15	< 1	Neuniforma / Non-uniform		
Pamant foarte grosier / Very coarse	Bolovanis	Co		>15	1---3	Discontinua / Gap graded		
				>15	<0,5			

Executat de / Performed by :
 ing. Nina IOSIF

Nina IOSIF

Sef Laborator / Laboratory head: Constanta ANDREI



COD PROBA 75 963

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**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						
					44	32	23	15			
PROBA UMEDA + TARA A (gr)		150,00			27,75	29,66	27,90	30,38	16,73	16,89	17,53
PROBA USCATA + TARA B (gr)		115,93			21,40	22,79	21,48	23,16	16,01	16,13	16,69
TARA C (gr)					11,01	12,03	11,79	12,60	12,46	12,35	12,63
A - B		34,07			6,35	6,87	6,41	7,22	0,72	0,76	0,84
B - C		115,93			10,39	10,76	9,69	10,56	3,54	3,77	4,05
W(%) = (A-B)/(B-C)*100		29,39			61,10	63,81	66,17	68,33	20,22	20,05	20,66
W(%) MEDIU		29,39			65,65				20,31		

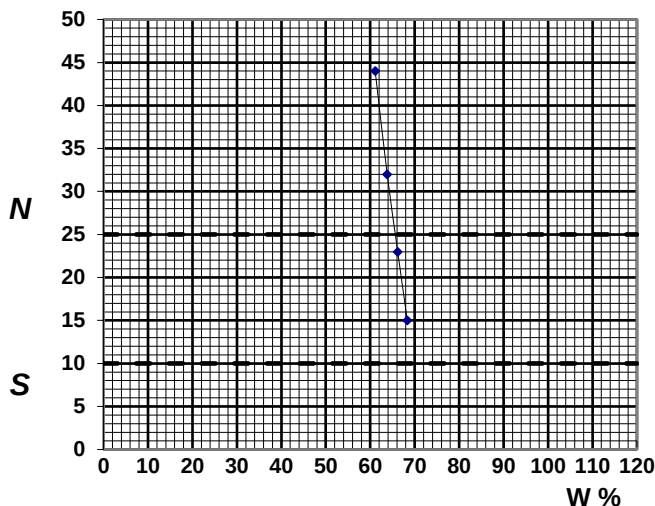
DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Argila cenusie-galbuie plastic vartoasa / stiff consistency

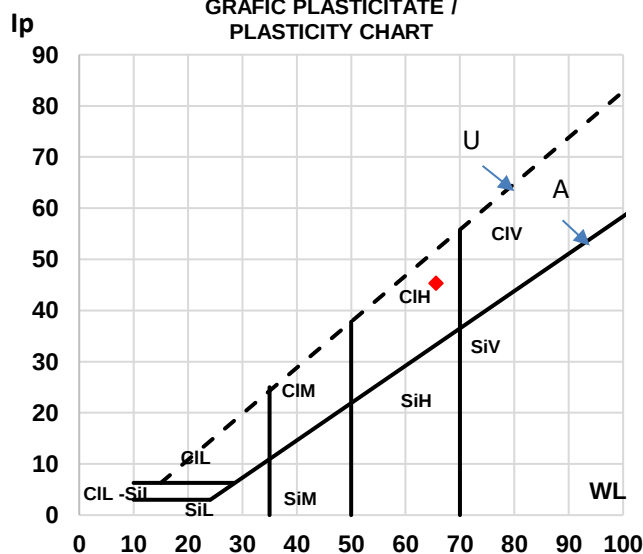
SR EN ISO 14688/1/2-2018 Pamant fin cu plasticitate mare / Fine soil, heigh plasticity

CIH

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 =	20,31	%	Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit	
UMIDIT. NATUR. / NATURAL MOISTURE	W =	29,39	%	Cl Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	65,65	%	Si Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	45,33	%		Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,80			Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - WP) / I _P	0,20			O	organic	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 12.01.2021

COD PROBA 75

964

Sef Laborator / Laboratory head: Constanta ANDREI

