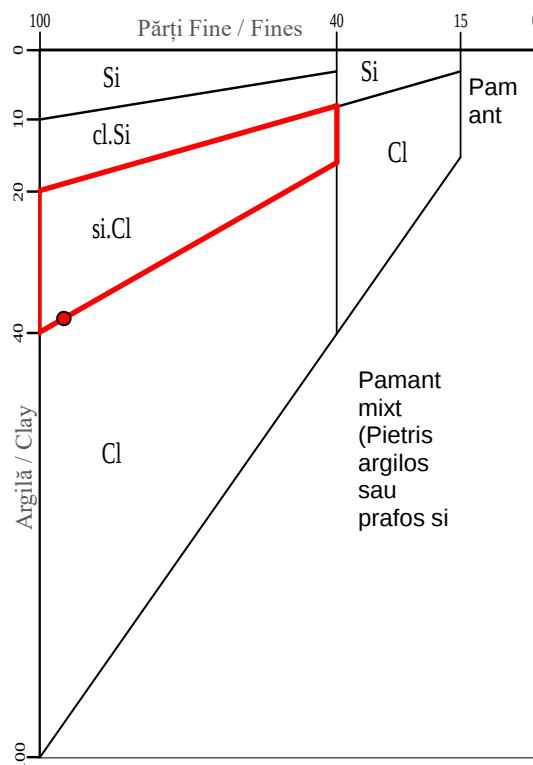
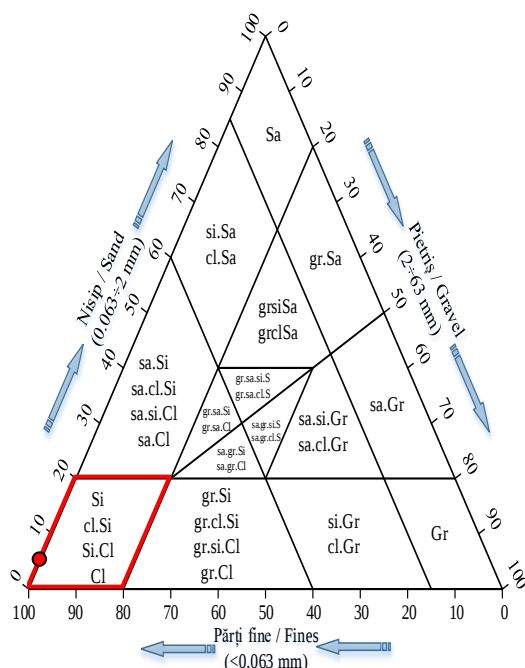


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	POD 21
Proba/Sample:	PT 7
Adancimea/Depth(m):	9,00

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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	100,0
	0,063	95,1
	0,063	95,10
	0,041	87,31
	0,030	80,99
	0,022	75,72
	0,016	70,44
	0,012	65,17
	0,009	58,85
	0,006	54,10
	0,005	49,36
	0,003	44,62
	0,002	39,87
	0,001	35,13



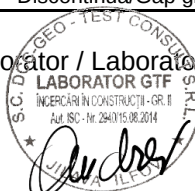
Clasificarea pamantului dupa SR EN ISO 14688-1:2018 / SR EN ISO 14688-2:2018

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	38	<3	<1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	57					
Pamant grosier / Coarse	Nisip	Sa	5	3---6	<1	Uniforma / Uniform		
	Pietris	Gr	0	6---15	<1	Uniformitate medie / Medium uniformity		
Pamant foarte grosier / Very coarse	Bolovanis	Co		>15	1---3	Neuniforma / Non-uniform		
				>15	<0,5	Discontinua / Gap graded		

Executat de / Performed by :
 ing. Nina IOSIF

Nina IOSIF

Sef Laborator / Laboratory head: Constanta ANDREI



COD PROBA 75 745

Raport de incercare nr. / Test report no.75 746

**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						
					42	31	22	14			
PROBA UMEDA + TARA A (gr)		150,00			27,36	29,19	27,51	29,94	16,71	16,87	17,49
PROBA USCATA + TARA B (gr)		121,37			21,65	23,04	21,73	23,41	16,04	16,16	16,72
TARA C (gr)					10,93	11,95	11,71	12,52	12,38	12,27	12,55
A - B		28,63			5,72	6,15	5,78	6,53	0,68	0,71	0,78
B - C		121,37			10,72	11,09	10,02	10,89	3,66	3,89	4,17
W(%) = (A-B)/(B-C)*100		23,59			53,37	55,49	57,71	60,03	18,47	18,33	18,64
W(%) MEDIU		23,59			56,97				18,48		

DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

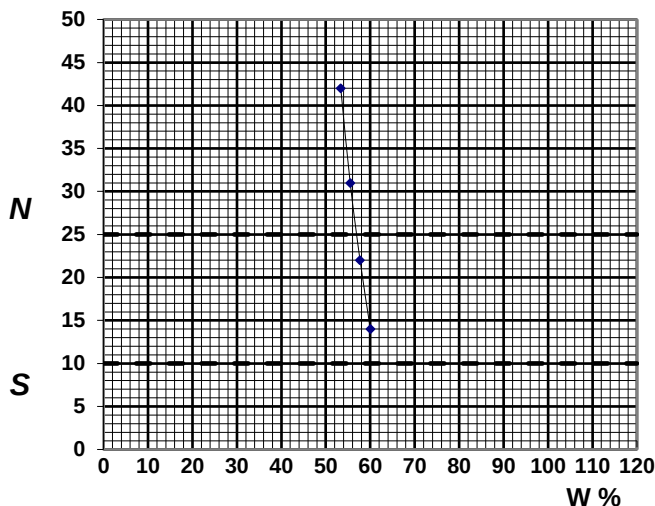
Argila cenusie-galbuie cu conetii calcaroase plastic vartoasa / stiff consistency

SR EN ISO 14688/1/2-2018

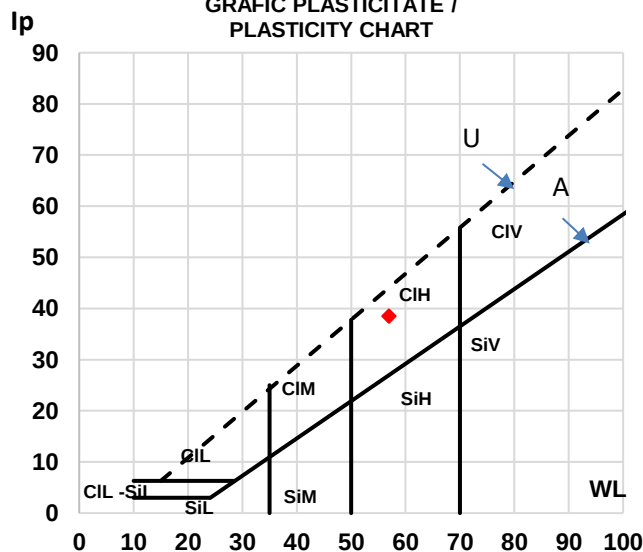
Pamant fin cu plasticitate mare / Fine soil, heigh plasticity

CIH

GRAFICUL LIMITEI SUPERIOARE DE PLASTICITATE
UPPER LIMIT OF PLASTICITY CHART



GRAFIC PLASTICITATE /
PLASTICITY CHART



					SR EN ISO 14688/2-2018		
LIMITA DE FRAMANTARE / PLASTIC LIMIT	W _P =	18,48	%	Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit	
UMIDIT. NATUR. / NATURAL MOISTURE	W =	23,59	%	Cl Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	56,97	%	Si Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	38,49	%		Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,87			Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - W _P) / I _P	0,13			O	organici	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 16.12.2020

COD PROBA 75

746

Sef Laborator / Laboratory head: Constanta ANDREI

