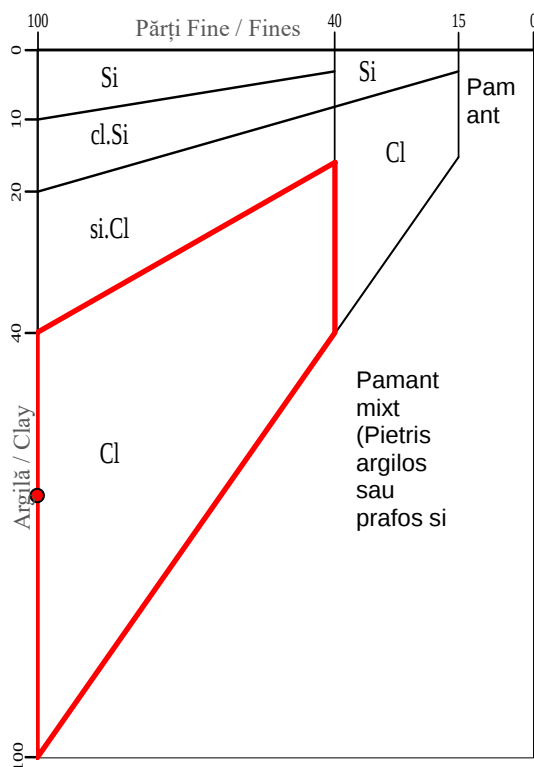
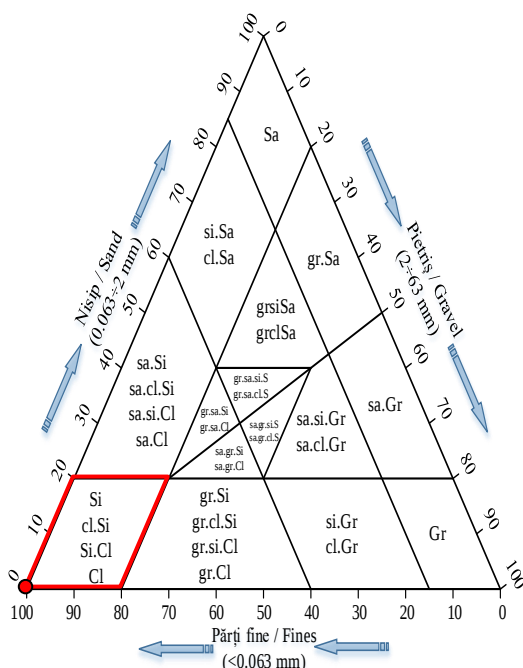


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FTS 64c
Proba/Sample:	PT 5
Adancimea/Depth(m):	5,00

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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	100,0
	0,063	99,6
	0,063	99,60
	0,039	98,04
	0,027	96,46
	0,020	94,35
	0,014	92,25
	0,010	90,14
	0,007	86,97
	0,006	80,65
	0,004	74,32
	0,003	69,05
	0,002	63,78
	0,001	58,51



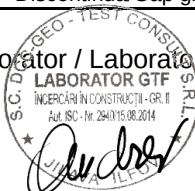
Clasificarea pamantului dupa SR EN ISO 14688-1:2018 / SR EN ISO 14688-2:2018

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	63	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	37					
Pamant grosier / Coarse	Nisip	Sa	0	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 75 818

Raport de incercare nr. / Test report no.75 819

**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						
					45	33	23	16			
PROBA UMEDA + TARA A (gr)		150,00			31,75	33,55	31,53	34,04	18,62	18,79	19,44
PROBA USCATA + TARA B (gr)		115,05			23,37	24,76	23,45	25,13	17,73	17,85	18,41
TARA C (gr)					12,60	13,62	13,38	14,19	14,05	13,94	14,22
A - B		34,95			8,38	8,79	8,08	8,90	0,89	0,94	1,03
B - C		115,05			10,77	11,14	10,07	10,94	3,68	3,91	4,19
W(%) = (A-B)/(B-C)*100		30,38			77,77	78,85	80,18	81,36	24,23	24,04	24,58
W(%) MEDIU		30,38			79,91				24,28		

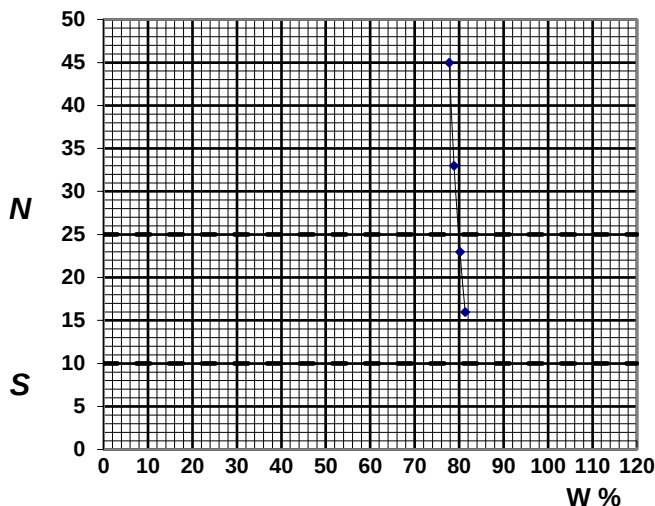
DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Argila cenusie-galbuie plastic vartoasa / stiff consistency

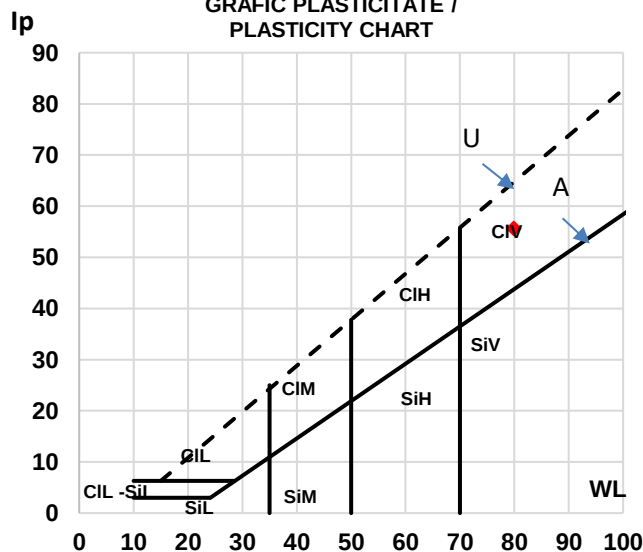
SR EN ISO 14688/1/2-2018 Pamant fin cu plasticitate foarte mare / Fine soil, very high plasticity

CIV

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 =	24,28	%	Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit	
UMIDIT. NATUR. / NATURAL MOISTURE	W =	30,38	%	Cl Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	79,91	%	Si Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	55,63	%		Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,89			Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - W _P) / I _P	0,11			O	organic	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 16.12.2020

COD PROBA 75

819

Sef Laborator / Laboratory head: Constanta ANDREI

