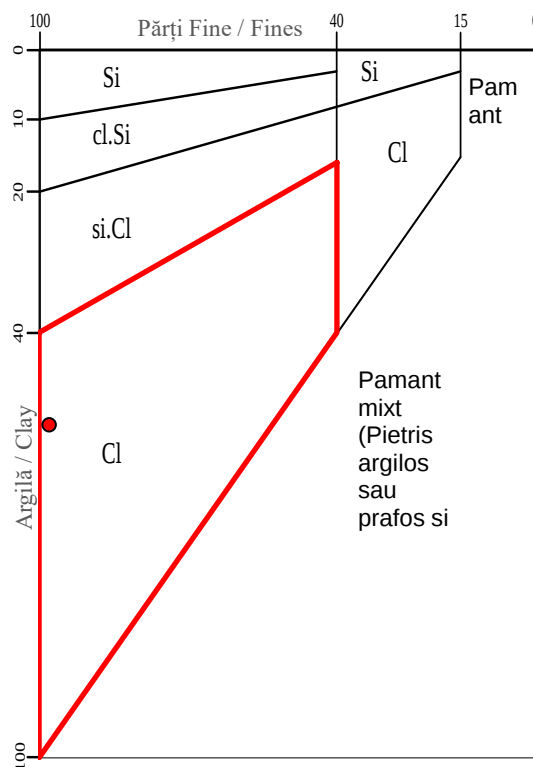
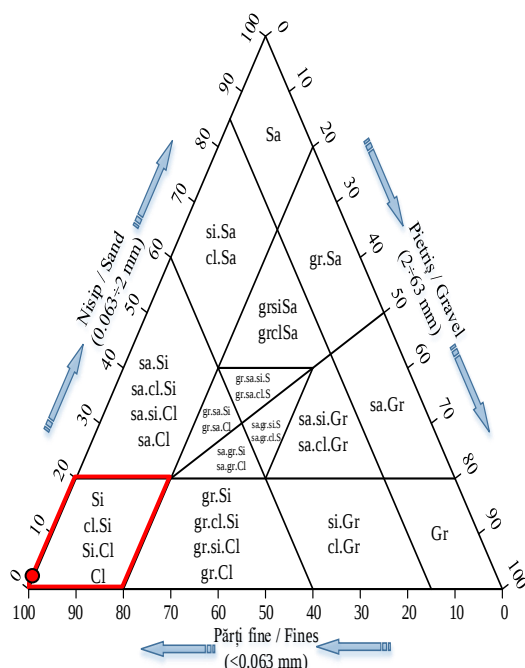


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FTS 61
Proba/Sample:	PT 3
Adancimea/Depth(m):	3,00

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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	97,6
	0,063	97,58
	0,038	94,98
	0,028	91,82
	0,020	87,60
	0,015	83,38
	0,011	79,17
	0,008	72,84
	0,006	64,93
	0,004	60,19
	0,003	57,03
	0,002	53,86
	0,001	50,70



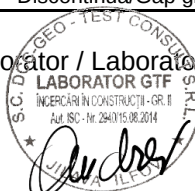
Clasificarea pamantului dupa SR EN ISO 14688-1:2018 / SR EN ISO 14688-2:2018

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	53	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	45			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 1202

Raport de incercare nr. / Test report no.75 1203

**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	33	22	16			
PROBA UMEDA + TARA A (gr)		150,00			28,18	30,13	28,32	30,85	16,82	16,97	17,60
PROBA USCATA + TARA B (gr)		119,39			21,43	22,82	21,51	23,19	16,03	16,15	16,71
TARA C (gr)					11,03	12,05	11,81	12,62	12,48	12,37	12,65
A - B		30,61			6,75	7,31	6,81	7,66	0,79	0,83	0,90
B - C		119,39			10,40	10,77	9,70	10,57	3,55	3,78	4,06
W(%) = (A-B)/(B-C)*100		25,64			64,90	67,88	70,24	72,50	22,40	21,95	22,14
W(%) MEDIU		25,64			69,59				22,16		

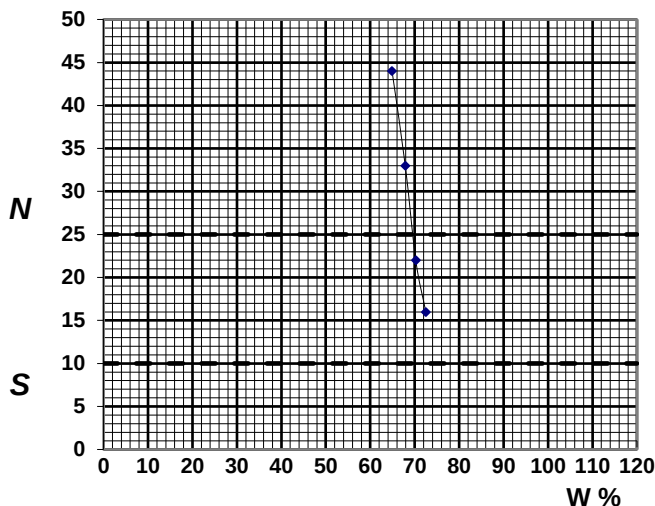
DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Argila cenusie plastic vartoasa / stiff
consistency

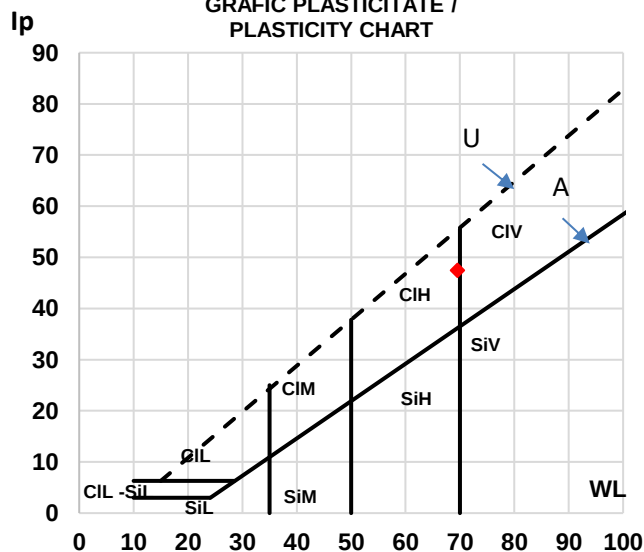
SR EN ISO 14688/1/2-2018 Pamant fin cu plasticitate foarte mare / Fine soil, very heigh plasticity

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 =	22,16	%		Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit
UMIDIT. NATUR. / NATURAL MOISTURE	W =	25,64	%		Cl Clay	Low redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	69,59	%		Si Silt	Medium medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	47,43	%			Heigh mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,93				Very heigh mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - W _P) / I _P	0,07				O organig	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 13.01.2021

COD PROBA 75

1203

Sef Laborator / Laboratory head: Constanta ANDREI

