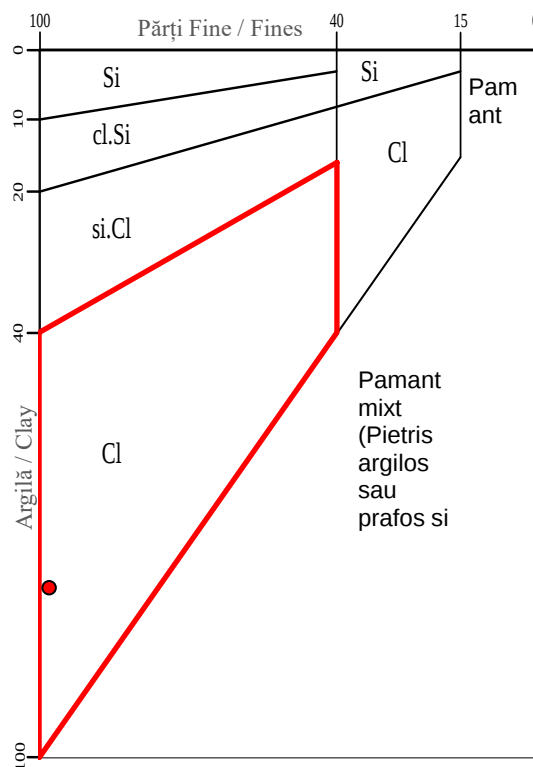
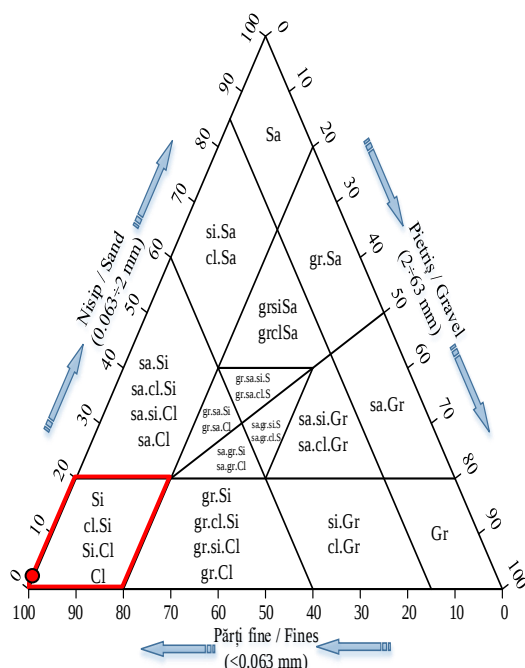


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FTS 64
Proba/Sample:	PT 6
Adancimea/Depth(m):	6,00

Raport de incercare nr. / Test report no.75 1218

	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	99,0
	0,063	97,7
	0,063	97,70
	0,039	96,63
	0,027	96,63
	0,019	96,10
	0,013	95,58
	0,010	95,05
	0,007	93,47
	0,005	90,30
	0,004	87,14
	0,003	81,34
	0,002	75,55
	0,001	69,75



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	76	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	22			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 1218

Raport de incercare nr. / Test report no.75 1219

**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	32	22	15			
PROBA UMEDA + TARA A (gr)		150,00			33,49	35,47	33,37	36,08	19,14	19,36	20,01
PROBA USCATA + TARA B (gr)		108,77			23,62	25,01	23,70	25,38	18,03	18,15	18,71
TARA C (gr)					12,93	13,95	13,71	14,52	14,38	14,27	14,55
A - B		41,23			9,87	10,46	9,67	10,70	1,11	1,21	1,30
B - C		108,77			10,69	11,06	9,99	10,86	3,65	3,88	4,16
W(%) = (A-B)/(B-C)*100		37,91			92,33	94,59	96,85	98,51	30,57	31,13	31,29
W(%) MEDIU		37,91			96,17				31,00		

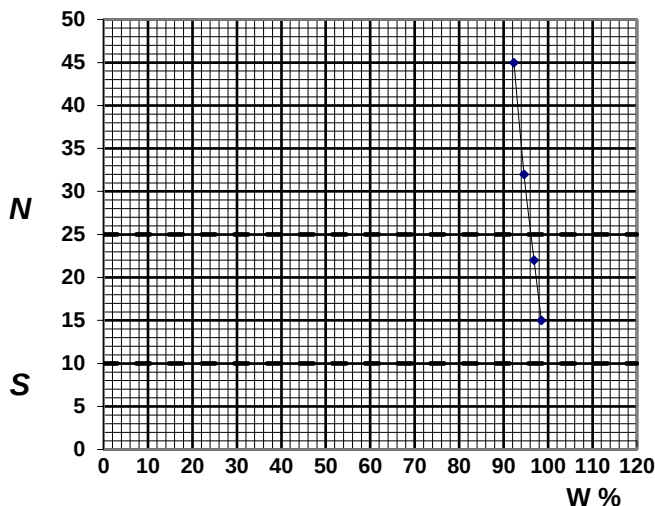
DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Argila cenusie cu FeO plastic vartoasa / stiff
consistency

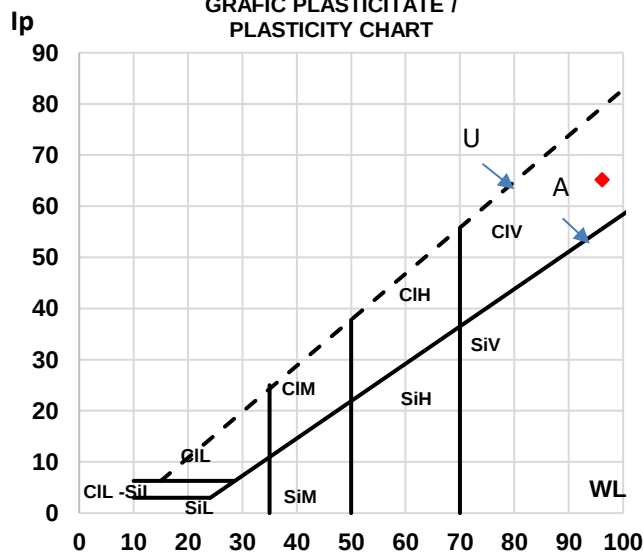
SR EN ISO 14688/1/2-2018 Pamant fin cu plasticitate foarte mare / Fine soil, very high plasticity

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 =	31,00	%		Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit
UMIDIT. NATUR. / NATURAL MOISTURE	W =	37,91	%		Cl Clay	Low redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	96,17	%		Si Silt	Medium medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	65,17	%			Heigh mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,89				Very heigh 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: 14.01.2021

COD PROBA 75

1219

Sef Laborator / Laboratory head: Constanta ANDREI

