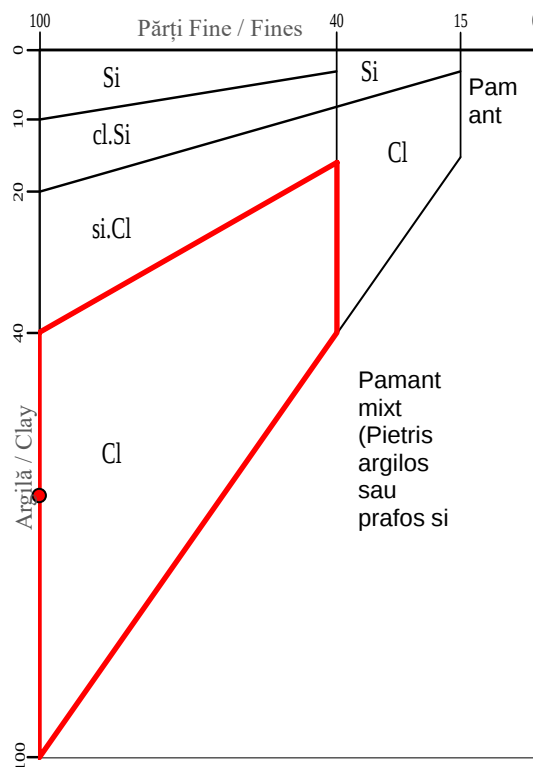
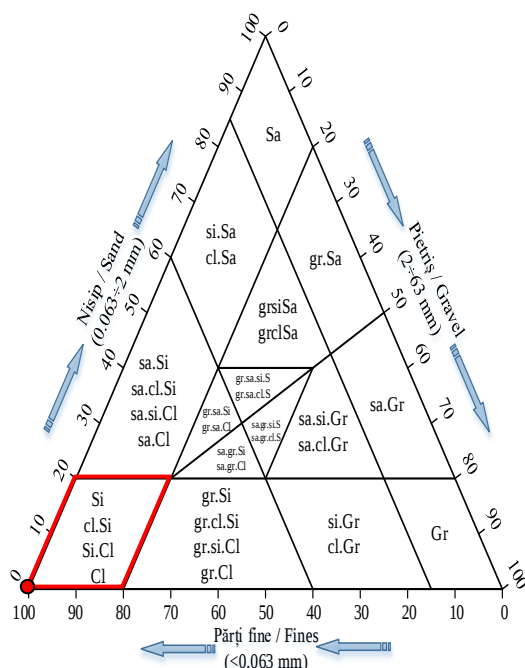


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FCC1 Ungheni
Proba/Sample:	PT 6
Adancimea/Depth(m):	6,00

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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	100,0
	0,063	#####
	0,037	98,52
	0,026	97,89
	0,019	96,31
	0,014	94,72
	0,010	93,14
	0,007	89,98
	0,005	85,24
	0,004	78,91
	0,003	71,53
	0,002	64,15
	0,001	56,77



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	#N/A	#####
	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 75 990

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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	22	15			
PROBA UMEDA + TARA A (gr)		150,00			30,37	32,31	30,31	33,03	17,07	17,24	17,91
PROBA USCATA + TARA B (gr)		114,12			21,55	22,94	21,63	23,31	16,07	16,19	16,75
TARA C (gr)					11,04	12,06	11,82	12,63	12,49	12,38	12,66
A - B		35,88			8,82	9,37	8,68	9,71	1,00	1,05	1,15
B -C		114,12			10,51	10,88	9,81	10,68	3,59	3,82	4,10
W(%) = (A-B)/(B-C)*100		31,44			83,89	86,14	88,49	90,94	27,86	27,41	28,11
W(%) MEDIU		31,44			87,79				27,79		

DESCRIZIONE PROBEI /
DESCRIPTION OF THE SOIL:

Argila galbuie cu FeO si calcar degradat plastic vartoasa / stiff consistency

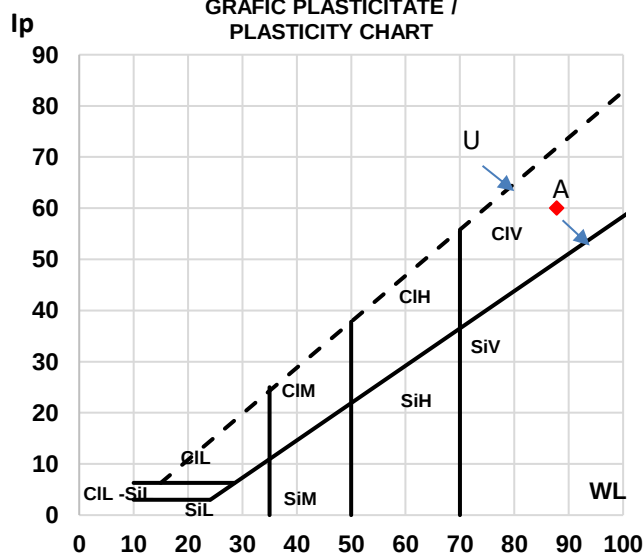
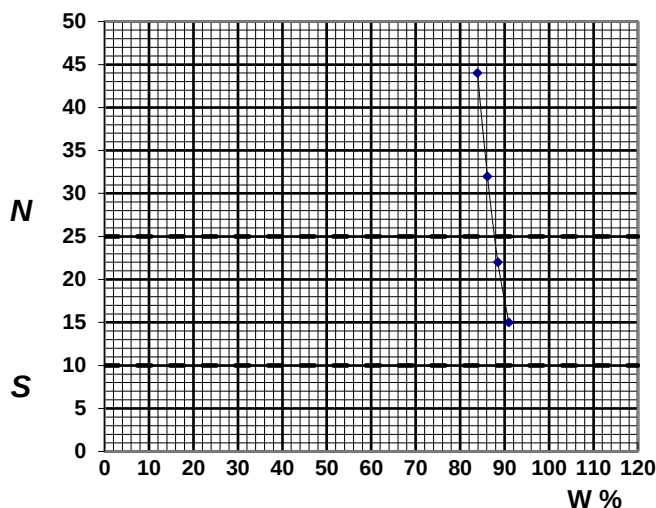
SR EN ISO 14688/1/2-2018

Pământ 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 FRĂMÂNTARE / PLASTIC LIMIT	W _P =	27,79	%	Tip pamant / Type of Soil		Plasticitate / Plasticity		Limita de curgere / Liquid limit
UMIDIT. NATUR. / NATURAL MOISTURE	W =	31,44	%	Cl	Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	87,79	%	Si	Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	59,99	%			Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,94				Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - WP) / I _P	0,06				O	organica	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 12.01.2021

COD PROBA 75

991

Sef Laborator / Laboratory head: Constanta ANDREI