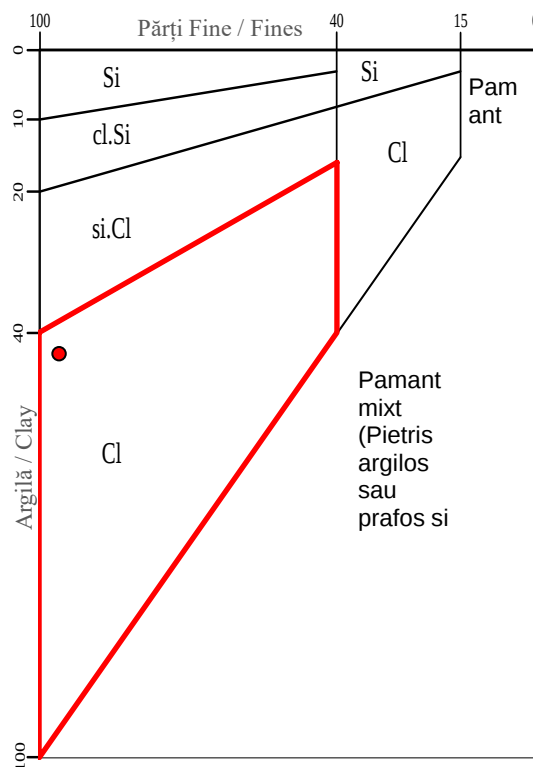
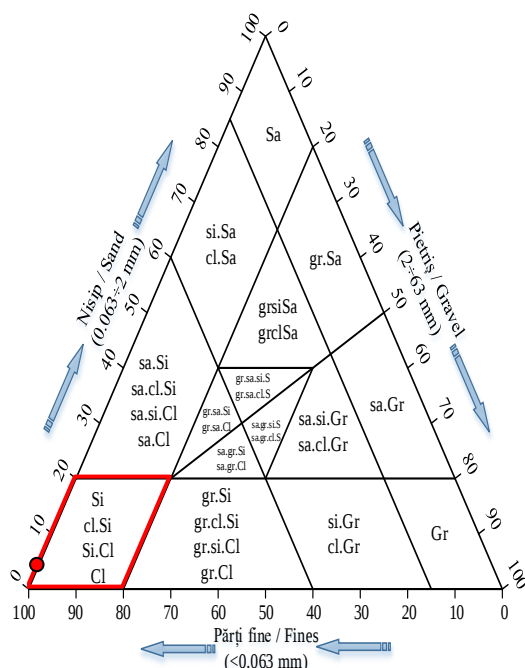


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FCC1 Nicolina
Proba/Sample:	PT 2
Adancimea/Depth(m):	2,00

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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	98,9
	0,063	96,4
	0,063	96,38
	0,040	92,29
	0,029	89,13
	0,021	84,91
	0,015	80,69
	0,011	76,48
	0,008	70,15
	0,006	63,82
	0,004	57,50
	0,003	51,17
	0,002	44,85
	0,001	38,52



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	43	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	53			Uniforma / Uniform		
Pamant grosier / Coarse	Nisip	Sa	4	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 1041

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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						
					45	32	22	15			
PROBA UMEDA + TARA A (gr)		150,00			27,21	29,07	27,29	29,81	16,16	16,36	17,00
PROBA USCATA + TARA B (gr)		114,92			20,80	22,19	20,88	22,56	15,44	15,56	16,12
TARA C (gr)					10,45	11,47	11,23	12,04	11,90	11,79	12,07
A - B		35,08			6,41	6,87	6,41	7,24	0,73	0,80	0,88
B - C		114,92			10,35	10,72	9,65	10,52	3,53	3,76	4,04
W(%) = (A-B)/(B-C)*100		30,53			61,90	64,11	66,42	68,83	20,56	21,40	21,77
W(%) MEDIU		30,53			65,72				21,24		

DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

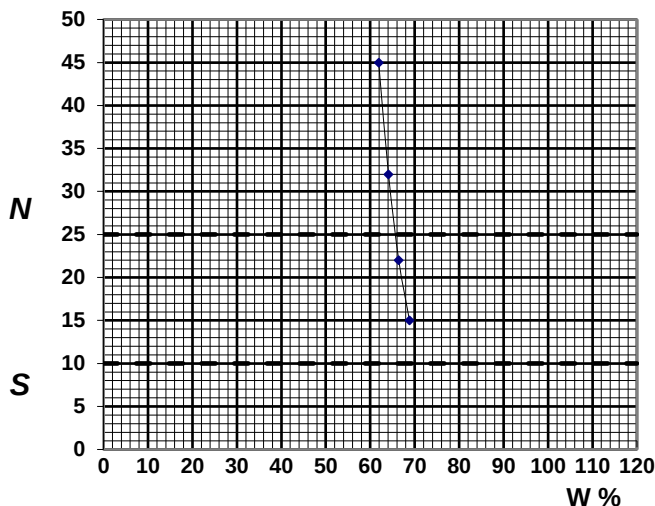
Argila galbuie cu FeO plastic vartoasa / stiff
consistency

SR EN ISO 14688/1/2-2018

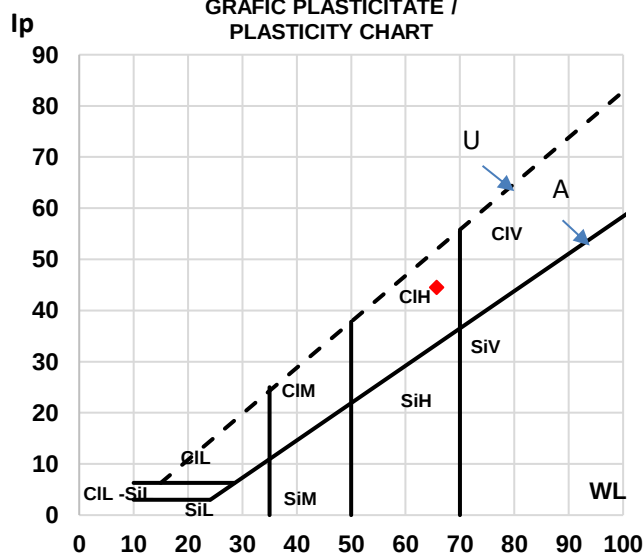
Pamant fin cu plasticitate mare / Fine soil, heigh plasticity

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 =	21,24	%	Tip pamant / Type of Soil	Plasticitate / Plasticity	Limita de curgere / Liquid limit	
UMIDIT. NATUR. / NATURAL MOISTURE	W =	30,53	%	Cl	Clay	Low	redusa
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	65,72	%	Si	Silt	Medium	medie
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	44,49	%			Heigh	mare
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,79				Very heigh	foarte mare
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - W _P) / I _P	0,21				O	organig

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 13.01.2021

COD PROBA 75

1042

Sef Laborator / Laboratory head: Constanta ANDREI

