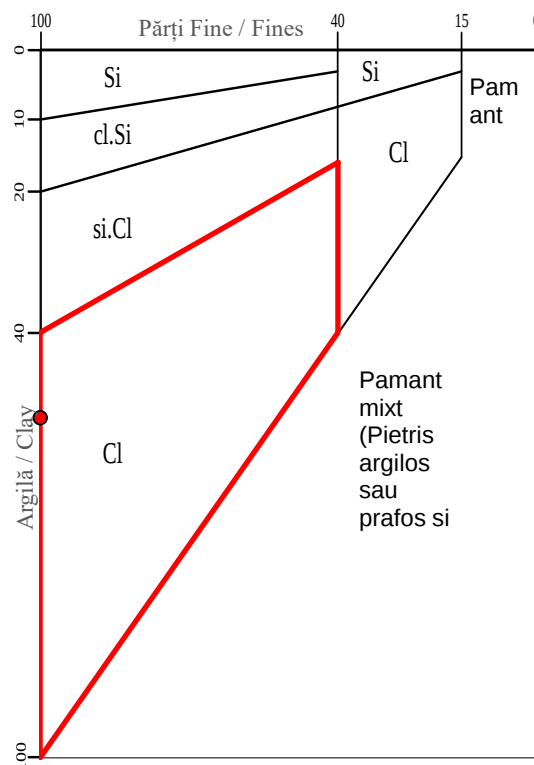
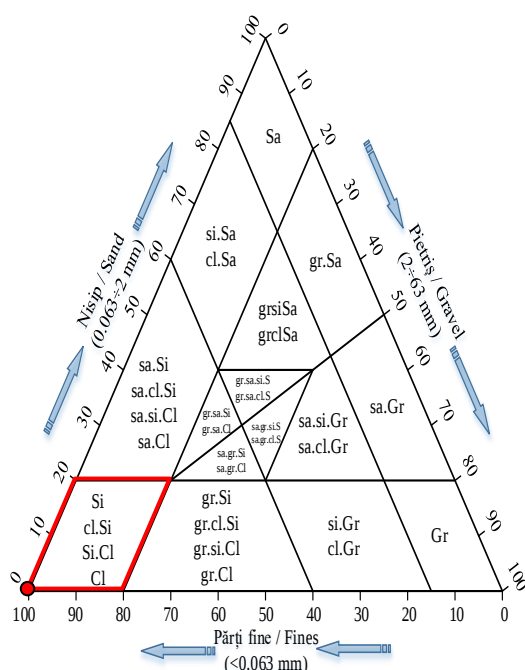


Amplasament / Location	Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
Forajul/Borehole:	FTS 64b
Proba/Sample:	PT 2
Adancimea/Depth(m):	2,00

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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	100,0
	0,063	99,5
	0,063	99,50
	0,038	97,27
	0,028	94,11
	0,020	90,42
	0,014	86,73
	0,010	83,04
	0,008	78,29
	0,006	71,97
	0,004	67,22
	0,003	60,37
	0,002	53,52
	0,001	46,67



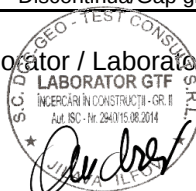
Clasificarea pamantului dupa SR EN ISO 14688-1:2018 / SR EN ISO 14688-2:2018

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	52	<3	< 1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	48			Uniforma / Uniform		
Pamant grosier / Coarse	Nisip	Sa	0	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 1224

Raport de incercare nr. / Test report no.75 1225

**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			27,64	29,58	27,70	30,22	15,88	16,05	16,69
PROBA USCATA + TARA B (gr)		112,73			20,43	21,82	20,51	22,19	15,12	15,24	15,80
TARA C (gr)					10,17	11,19	10,95	11,76	11,62	11,51	11,79
A - B		37,27			7,21	7,75	7,19	8,02	0,77	0,81	0,89
B -C		112,73			10,27	10,64	9,57	10,44	3,50	3,73	4,01
W(%) = (A-B)/(B-C)*100		33,06			70,22	72,87	75,16	76,85	21,88	21,71	22,15
W(%) MEDIU		33,06			74,47				21,91		

DESCRIZIONE PROBEI /
DESCRIPTION OF THE SOIL:

Argila galbuie plastic vartoasa / stiff consistency

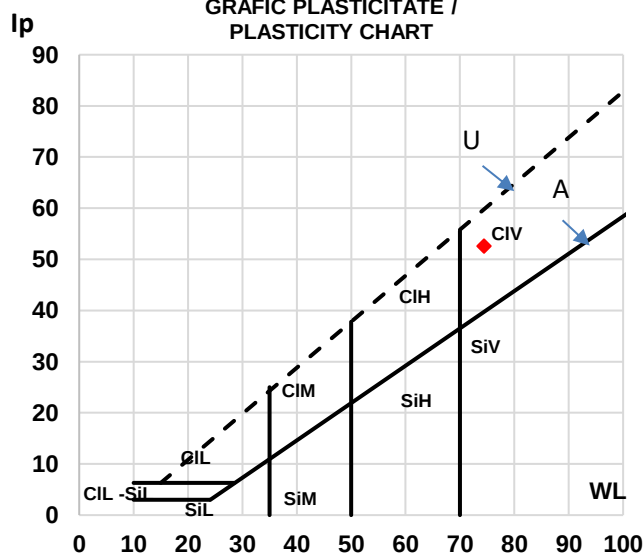
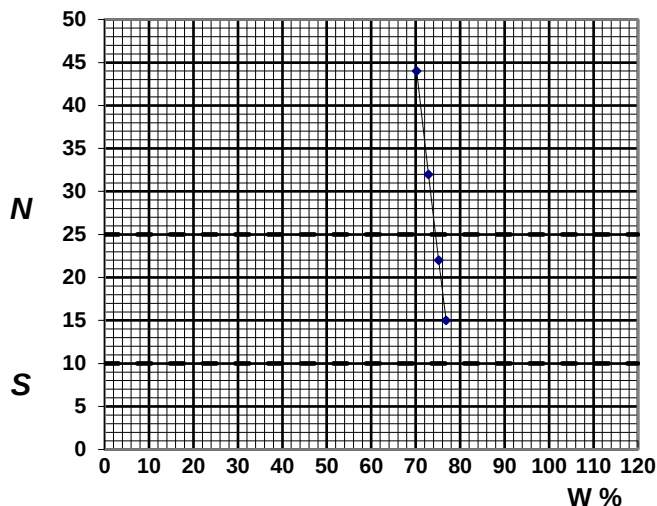
SR EN ISO 14688/1/2-2018

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 FRĂMĂNTARE / PLASTIC LIMIT	W _P =	21,91	%	Tip pamant / Type of Soil		Plasticitate / Plasticity		Limita de curgere / Liquid limit
UMIDIT. NATUR. / NATURAL MOISTURE	W =	33,06	%	Cl	Clay	Low	redusa	<35
LIMITA DE CURGERE / LIQUID LIMIT	W _L =	74,47	%	Si	Silt	Medium	medie	35----50
INDICE DE PLASTICIT./PLASTICITY INDEX	I _P =W _L -W _P	52,56	%			Heigh	mare	50----70
INDICE DE CONSISTENȚĂ / CONSISTENCY INDEX	I _C = (W _L - W) / I _P	0,79				Very heigh	foarte mare	>70
INDICE DE LICHIDITATE/ LIQUIDITY INDEX	I _L = (W - WP) / I _P	0,21				O	organica	

Executat de / Performed by: Laborant Emilia Dumitru

Data / Date: 14.01.2021

COD PROBA 75

1225

Sef Laborator / Laboratory head: Constanta ANDREI