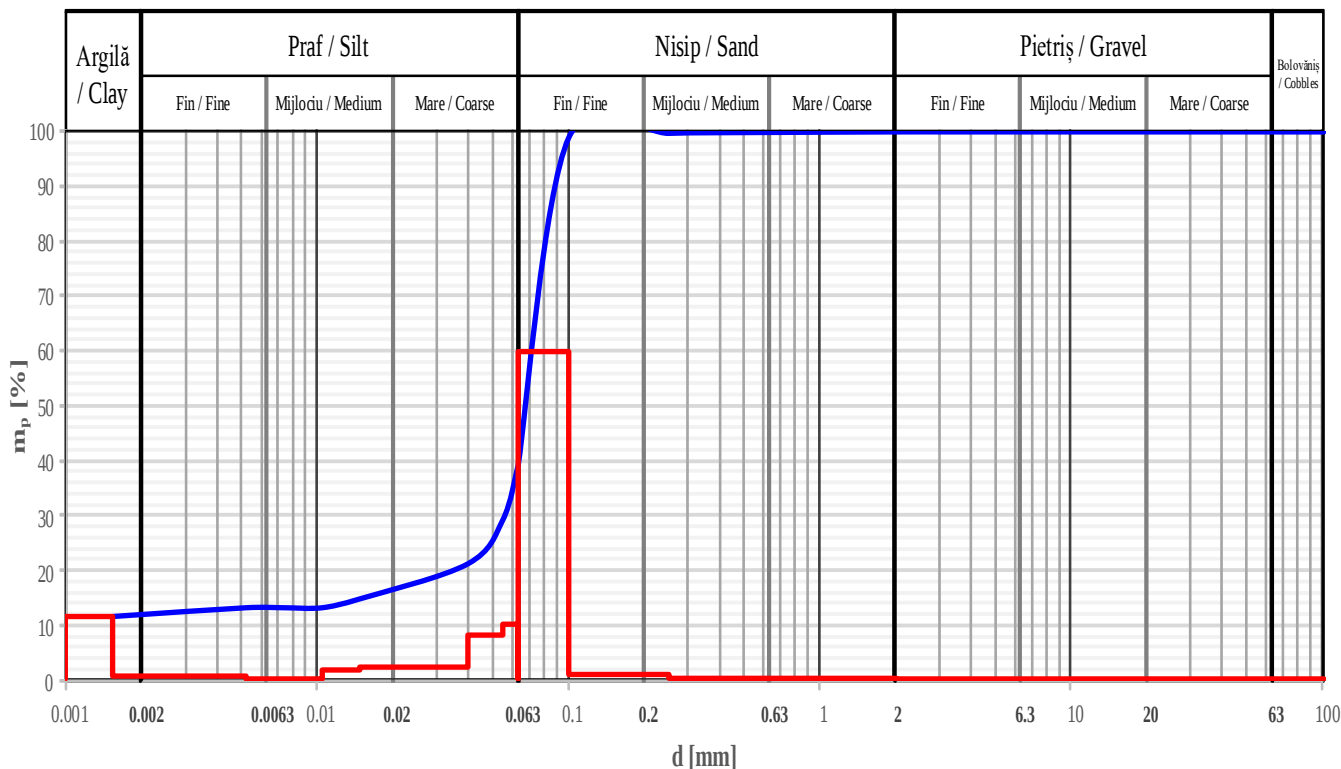


DCC-GEO-TEST CONSULT S.R.L.
 LABORATOR DE ANALIZE ȘI ÎNCERCĂRI
 ÎN CONSTRUCȚII - GRAD II
 Autorizație nr. 2940 din 15.08.2014/24.08.2018

Amplasament / Location: Reabilitarea liniei de cale ferata Roman – Iasi - Frontiera
 Forajul/Borehole: FTS 73
 Proba/Sample: PNT 2
 Adancimea/Depth(m): 2,00

Raport de incercare nr. / Test report no. 75 1026

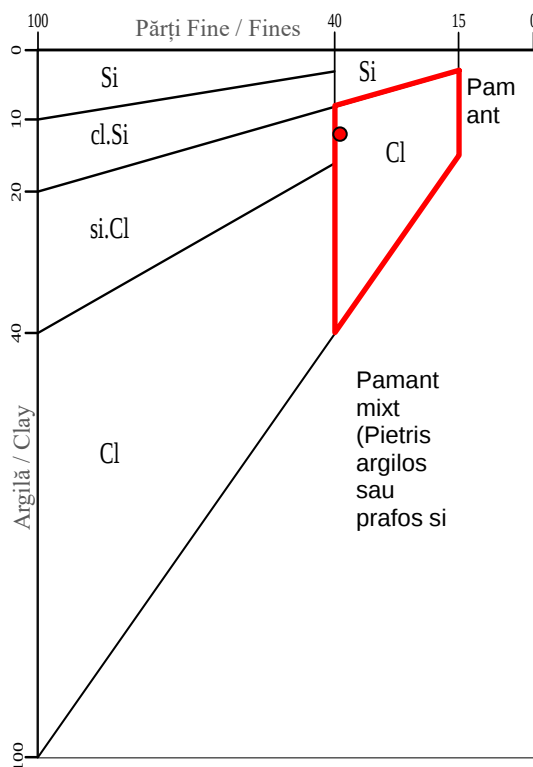
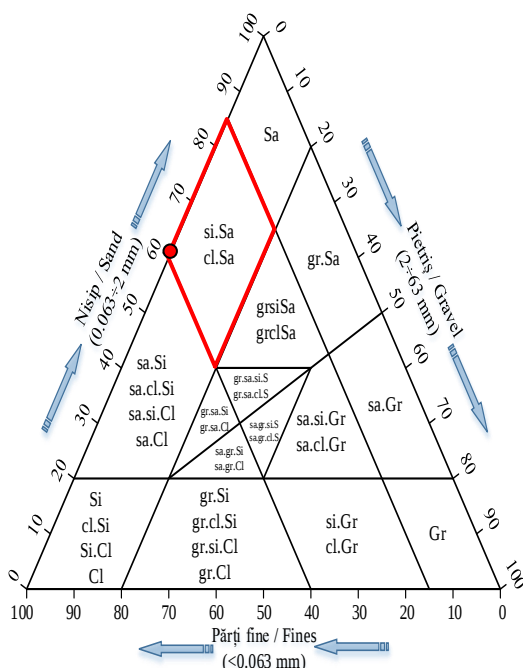


Curba granulometrica / Granulometric curve

Identificarea si clasificarea pamanturilor SR EN ISO 14688/2-2018 / SR EN ISO 14688/2-2018 / STAS 1913/5-85											
Nisip argilos / Clayey sand (cl.Sa)								galbui-cenusiu		Un = #N/A	
Conform SR EN ISO 14688/2-2005, la cerinta beneficiar ului	Pamant fin / Fine				Pamant grosier / Coarse						Pamant foarte grosier /
	Argila (Cl)	Praf (Si)			Nisip (Sa)			Pietris (Gr)			Bolovanis (Co)
		Fin (fSi)	Mediu (mS)	Mare (cSi)	Fin (fSa)	Mediu (mSa)	Mare (cSa)	Fin (fGr)	Mediu (mGr)	Mare (cGr)	
	12	27			61			0			0
	< 0,002	< 0,0063	< 0,02	< 0,063	< 0,2	< 0,63	< 2	< 6,3	< 20	< 63	< 200mm
%	12	1	4	22	60	1	0	0	0	0	0

Raport de incercare nr. / Test report no. 75 1026

	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	99,9
	0,25	99,7
	0,10	98,9
	0,063	39,1
	0,063	39,10
	0,055	29,07
	0,040	21,04
	0,028	18,90
	0,020	16,76
	0,015	14,62
	0,010	13,01
	0,007	13,01
	0,005	13,01
	0,004	12,48
	0,003	11,94
	0,002	11,41



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	12	<3	<1	Foarte uniforma / Very uniform	#N/A	#####
	Praf	Si	27					
Pamant grosier / Coarse	Nisip	Sa	61	3---6	<1	Uniforma / Uniform		
	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 1026

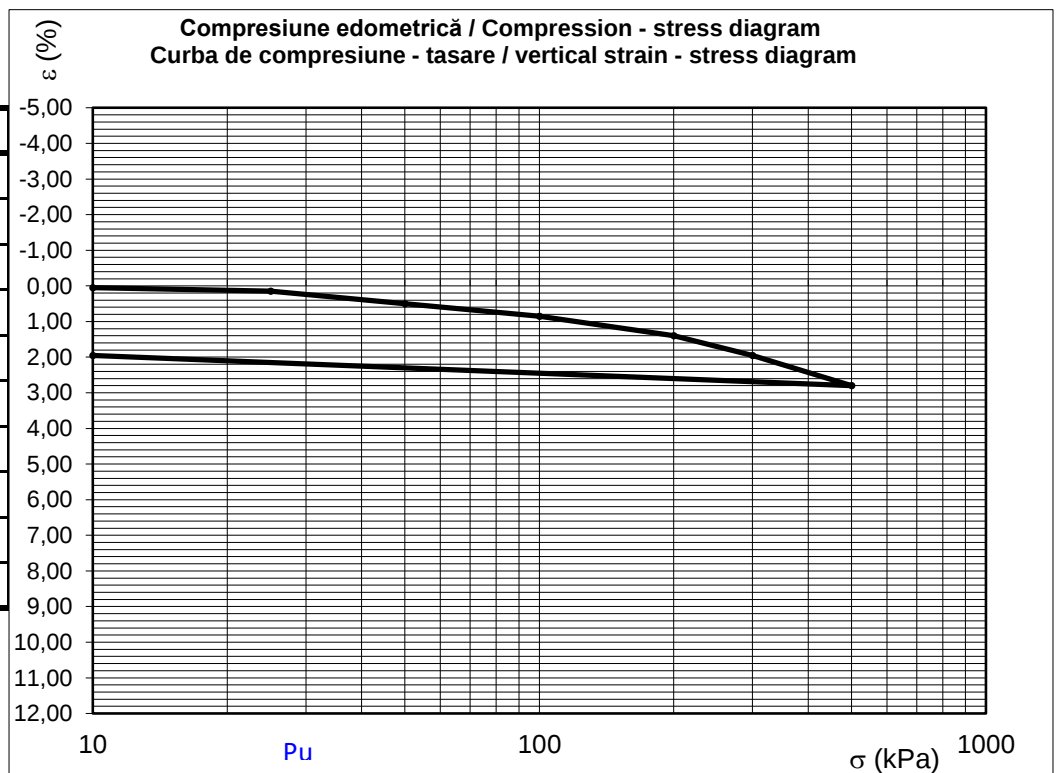
Raport de incercare nr. / Test report no. 75 1028

DETERMINAREA COMPRESIBILITATII PAMANTURILOR PRIN INCERCAREA IN EDOMETRU

INCREMENTAL LOADING OEDOMETER TEST

STAS 8942/1-89

Indici fizici	INITIAL	FINAL
$m_u(g)$	147,02	143,37
$m_d(g)$	120,65	120,65
$V(cm^3)$	76,97	74,77
$w(%)$	21,86	18,83
$r(g/cm^3)$	1,91	1,92
$r_d(g/cm^3)$	1,57	1,61
$r_s(g/cm^3)$	2,65	2,65
$n(%)$	40,85	39,11
$e(-)$	0,691	0,642
$S(-)$	0,84	0,78



s (kPa)	e (%)	M (kPa)	mv(1/kPa)	av(1/kPa)
10	0,05			
25	0,15			
50	0,50			
100	0,85			
200	1,40			
300	1,95	18181,8	5,50E-05	9,30E-05
500	2,80	23529,4	4,25E-05	7,18E-05
10	1,95			

DESCRIEREA PROBEI /
DESCRIPTION OF THE SOIL:

Nisip prafos galbui-cenusiu

0,00 m

Executat de / Performed by:

ing. Nina IOSIF

COD PROBA 75 1028

Data / Date: 17.12.2020

SEF LABORATOR / LABORATORY HEAD

Constanta ANDREI

