

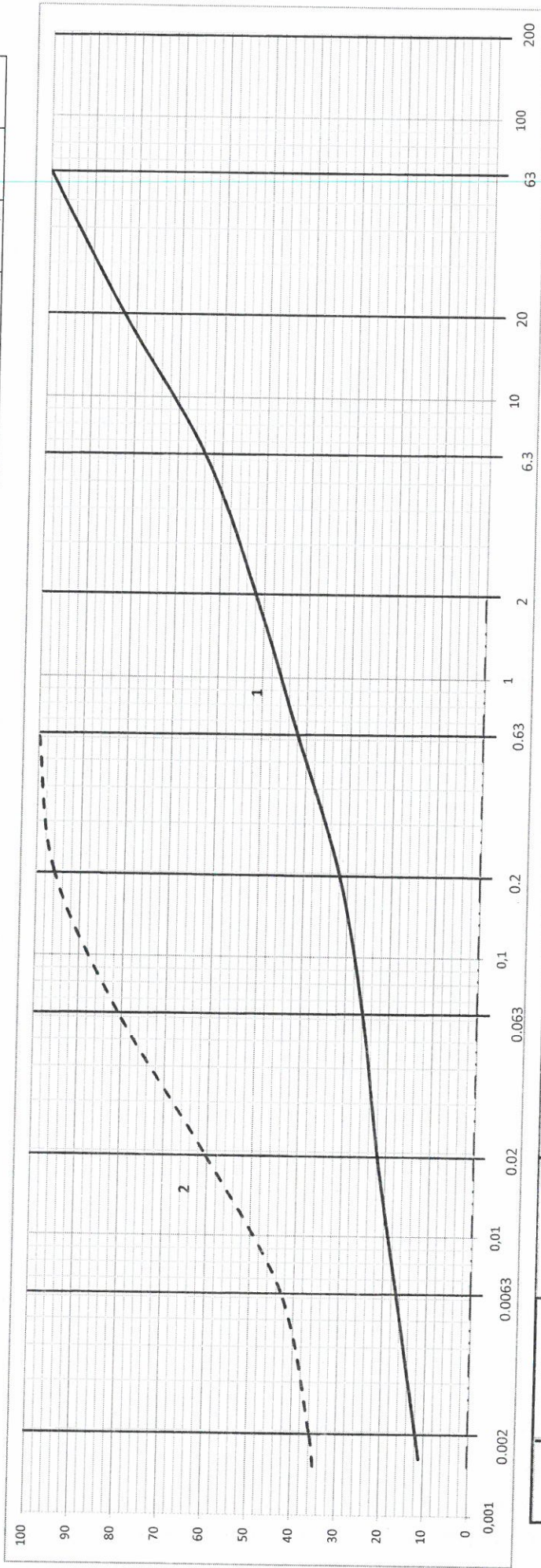
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, Jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondejul	51	str. DC91- MAL STANG
Proba nr.	1	2
Adanc., m	0.15	1.50
Umiditatea W	7.19	19.11



Proba nr.	ARGILA CI			PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL				
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0
0.002<d<0.0063mm	12	36	0	0	0	0	0	0	0	0	0	0	0
0.0063<d<0.02mm	5	7	0	0	0	0	0	0	0	0	0	0	0
0.02<d<0.063mm	5	18	0	0	0	0	0	0	0	0	0	0	0
0.063<d<0.2mm	4	20	0	0	0	0	0	0	0	0	0	0	0
0.2<d<0.63mm	0	0	0	0	0	0	0	0	0	0	0	0	0
0.63<d<2mm	0	0	0	0	0	0	0	0	0	0	0	0	0
2<d<6.3mm	0	0	0	0	0	0	0	0	0	0	0	0	0
6.3<d<20mm	0	0	0	0	0	0	0	0	0	0	0	0	0
20<d<63mm	0	0	0	0	0	0	0	0	0	0	0	0	0
63<d<200mm	0	0	0	0	0	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafoas
 2. argila prafosa cenusie negricioasa pl. vartoasa

TOTAL	CSi	Si	Gr*	1	2
				26	81
				26	19
				48	0

Data : octombrie 2017

Laborant,
 Stancu Cornelia

Seif prof. I. Catalin Cesauanu
 geolog I. Catalin Cesauanu

Responsabil CO,
 Popescu Stelian



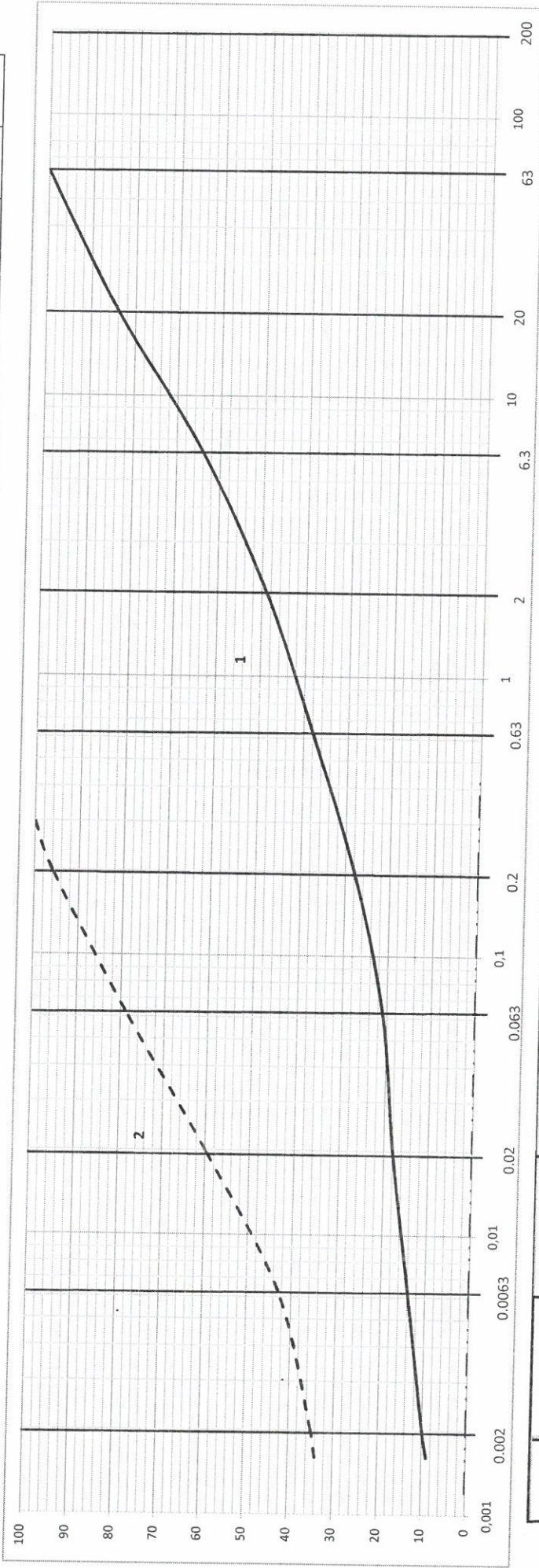
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondejul	S2	str. DC91- mal stang
Proba nr.	1	Z
Adanc. m	0,15	1,50
Umiditatea W	7,22	18,86



Proba nr.	ARGILA CI			PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (Msa)	COARSE SAND (Csa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL				
d < 0.002mm	1	2	3	1	2	3	1	2	3	1	2	3	0
0.002 < d < 0.0063mm	10	35	0% argila CI	7	17	0% nisip fin (FSa)	0	0	0	20	0	0	0
0.0063 < d < 0.02mm	4	8	0% praf fin (FSi)	10	4	0% nisip mij. (MSa)	0	0	0	16	0	0	0
0.02 < d < 0.063mm	4	17	0% praf mijlociu (MSi)	11	0	0% nisip mare (CSa)	0	0	0	0	0	0	0
	3	19	0% praf mare (CSi)	15	0	0% pietris mic (FGr)	0	0	0	0	0	0	0

Proba nr.	FSa	Msa	Csa	FGr	MGr	CGr	Co
1	7	17	0	0	20	0	0
2	10	4	0	0	16	0	0
3	11	0	0	0	0	0	0

1, pietris mic - mare cu nisip si liant argilos prafos

2, argila prafoasa cenusie, negricioasa pl. vartoasa

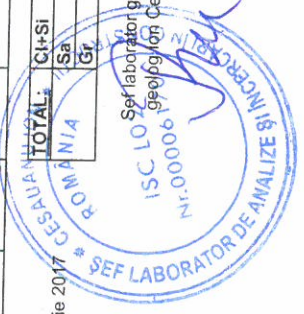
Laborant,
Stancu Cornelia

Seif profil,
geolog I. Catalin Cesauanu

Responsabil CA,
Popescu Stefan

TOTAL:	CI+Si	Sa	Gr	1	2
79	21	28	51	0	0
0	0	0	0	0	0

Data : octombrie 2017



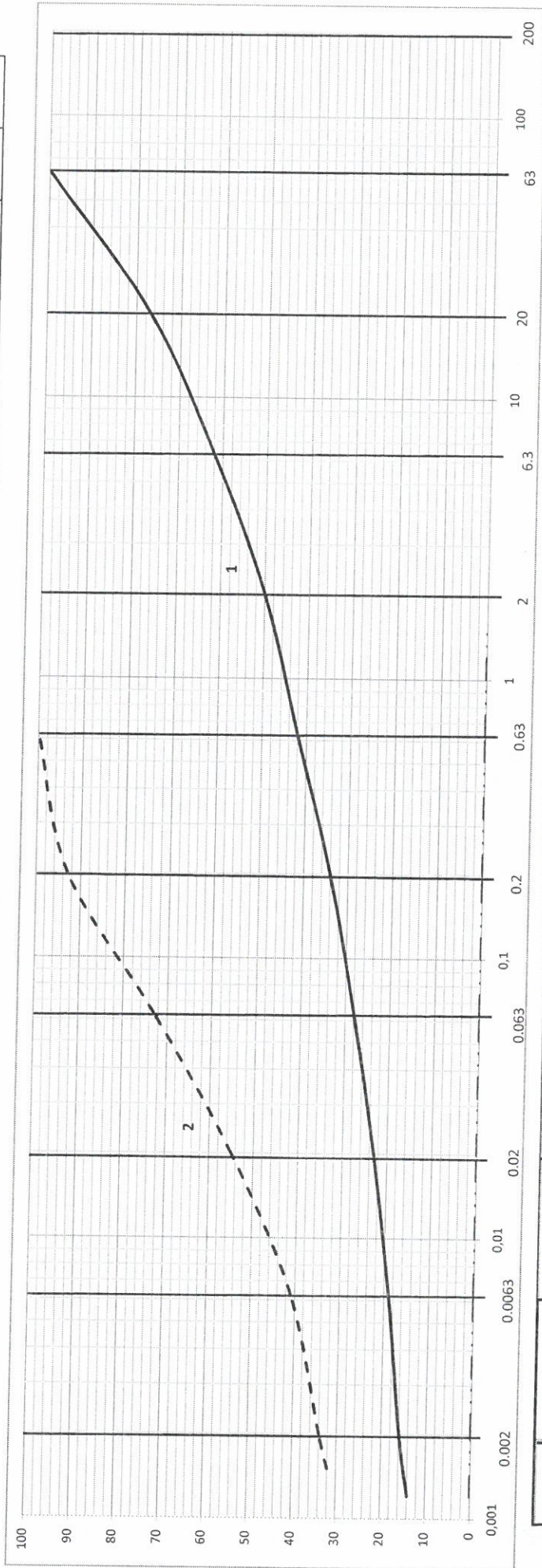
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, Jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	53	str. FLORILOR EST - VEST	
Proba nr.	1	1	2
Adanc., m	0,16	1,50	
Umiditatea W	7,22	18,24	

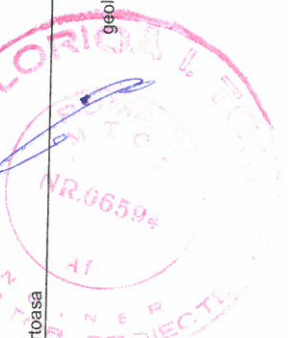


Proba nr.	PRAF - SILT					NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL			
1	2	0	0	6	1	2	0	1	2	0	0	
d<0.002mm	16	34	0	0.063<d<0.2mm	0	20	0	6.3<d<20mm	15	0	0	
0.002<d<0.0063mm	3	7	0	0.2<d<0.63mm	7	0	0	20<d<63mm	23	0	0	
0.0063<d<0.02mm	4	14	0	0.63<d<2mm	8	0	0	63<d<200mm	0	0	0	
0.02<d<0.063mm	5	18	0	2<d<6.3mm	12	0	0	d>200mm	0	0	0	

Proba nr.	0.063<d<0.2mm	0.2<d<0.63mm	0.63<d<2mm	2<d<6.3mm	6.3<d<20mm	20<d<63mm	63<d<200mm	d>200mm
1	6	8	8	12	0	0	0	0
2	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cenusie negricioasa pl. vartoasa

TOTAL:		CI+Si	1	2
Sa		28	73	0
Mj		22	27	0
Co		50	0	0



Responsabil C.C.
 Popescu Stelian

Sef profil,
 geolog I. Catalin Cesariu

Laborant,
 Stancu Cornelia

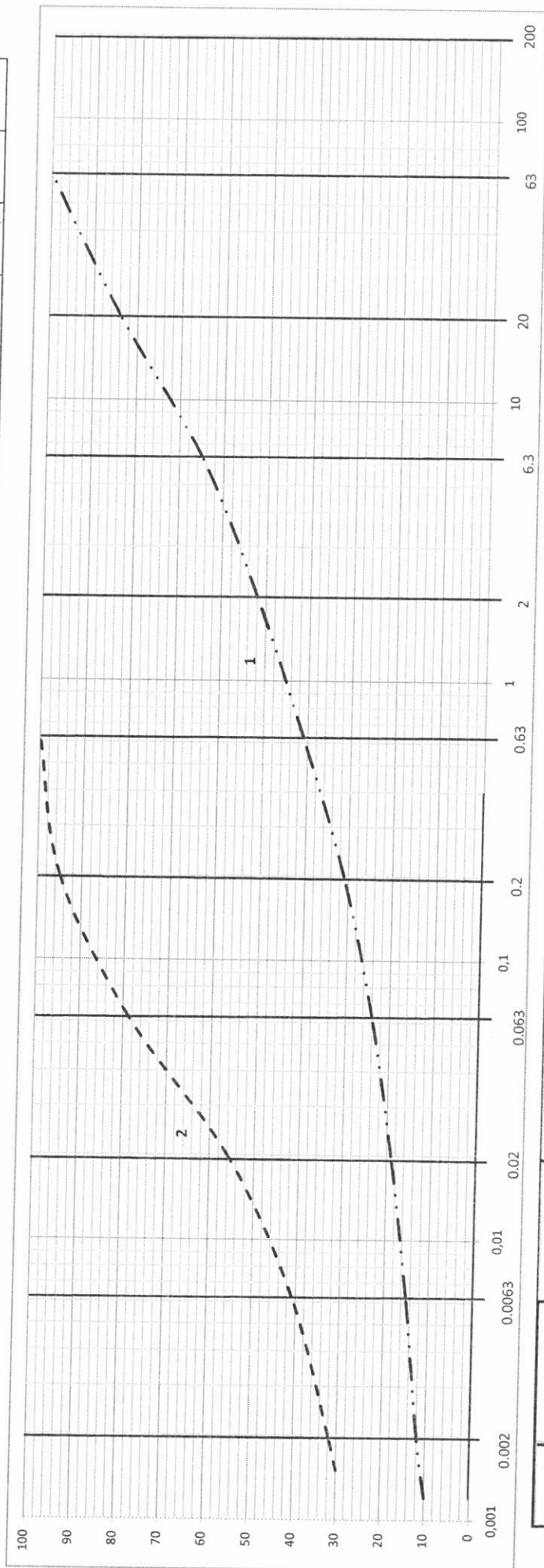
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DE TERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondejul	54	str. FLORILOR EST.-VEST	
Proba nr.	1	2	
Adanc., m	0.15	1.50	
Umiditatea W	7.22	17.35	



Proba nr.	PRAF - SILT					NISIP - SAND					PIETRIS - GRAVEL			BOLOVANIS (COBBLES)	
	FSi	MSi	CSi	FINE SAND (Ss)	MEDIUM SAND (MSs)	COARSE SAND (CSs)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	PIETRIS - GRAVEL			BOLOVANIS (COBBLES)		
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002<d<0.0063mm	12	32	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0063<d<0.02mm	3	9	0	7	16	5	0	0	0	0	0	0	0	0	0
0.02<d<0.063mm	4	15	0	10	5	0	0	0	0	0	0	0	0	0	0
0.063<d<0.2mm	5	23	0	11	0	0	0	0	0	0	0	0	0	0	0
0.2<d<0.63mm	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0
0.63<d<2mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2<d<6.3mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.3<d<20mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20<d<63mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63<d<200mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL:	CI+Si	Sa	Gr										1	2	0
	24	79	0										24	79	0
	28	21	0										28	21	0
	48	48	0										48	48	0

1. pietris mic - mare cu nisip si liant argilos prafoas
 2. argila prafoasa cenusiu galbuie pl. varfoasa

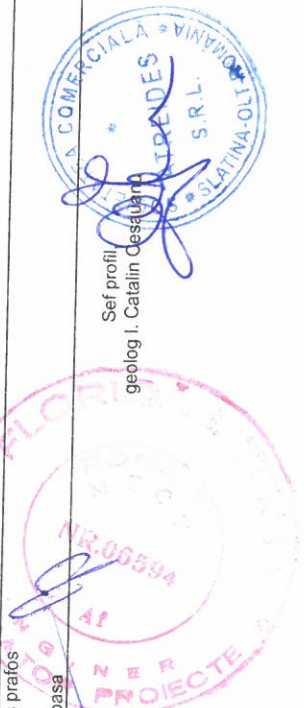
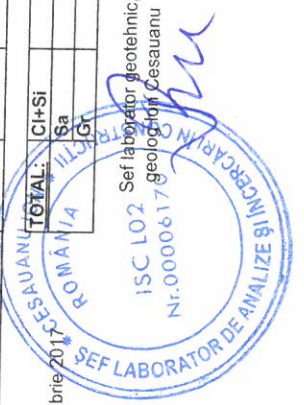
Laborant,
 Stancu Cornelia

Sef profil
 geolog I. Catalin Cesauanu

Responsabil C.C.,
 Popescu Stelian

TOTAL:	CI+Si	Sa	Gr
	24	79	0
	28	21	0
	48	48	0

Data : octombrie 2011



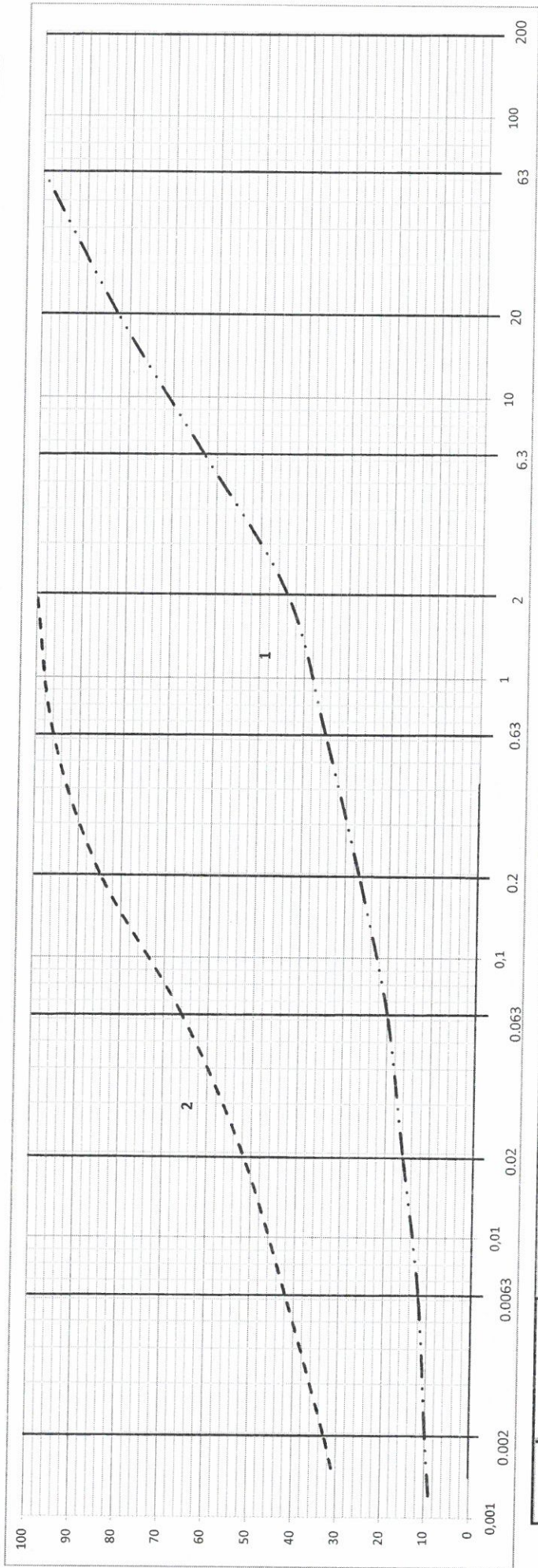
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	55	str. FLORILOR	NORD - SUD
Proba nr.	1	1	2
Adanc., m	0.13	1.50	
Umiditatea W	7.22	17.90	



ARGILA CI	PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Ss)	MEDIUM SAND (MSs)	COARSE SAND (CSs)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	

Proba nr.	FSI	MSI	CSI	FINE SAND (Ss)	MEDIUM SAND (MSs)	COARSE SAND (CSs)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	BOLOVANIS (COBBLES)
1	2	0	0	7	1	2	0	1	2	0
2	33	0	0	8	19	0	0	20	0	0
0.002<d<0.0063mm	2	9	0	0.063<d<0.2mm	7	19	0	0	0	0
0.0063<d<0.02mm	4	10	0	0.2<d<0.63mm	8	11	0	17	0	0
0.02<d<0.063mm	4	14	0	0.63<d<2mm	9	4	0	0	0	0
				2<d<6.3mm	19	0	0	0	0	0
				0.063<d<0.2mm	7	19	0	0	0	0
				0.2<d<0.63mm	8	11	0	17	0	0
				0.63<d<2mm	9	4	0	0	0	0
				2<d<6.3mm	19	0	0	0	0	0
				6.3<d<200mm	0	0	0	0	0	0
				d>200mm	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafoas
 2. argila prafoasa cenusie negricioasa pl. varfoasa

TOTAL:	CI+Si	1	2
	Sa	20	66
	Gr	24	34
		56	0

FLORICA I. TOMA
 S.R.L.
 Slatina-OLT
 Nr. 06594
 ATENTIE PROIECTE

Responsabil CC,
 Popescu Stefan

ISC 102
 Nr. 00006
 Sef Laborator geotehnic,
 geolog Ion Cesauanu

Data : octombrie 2017

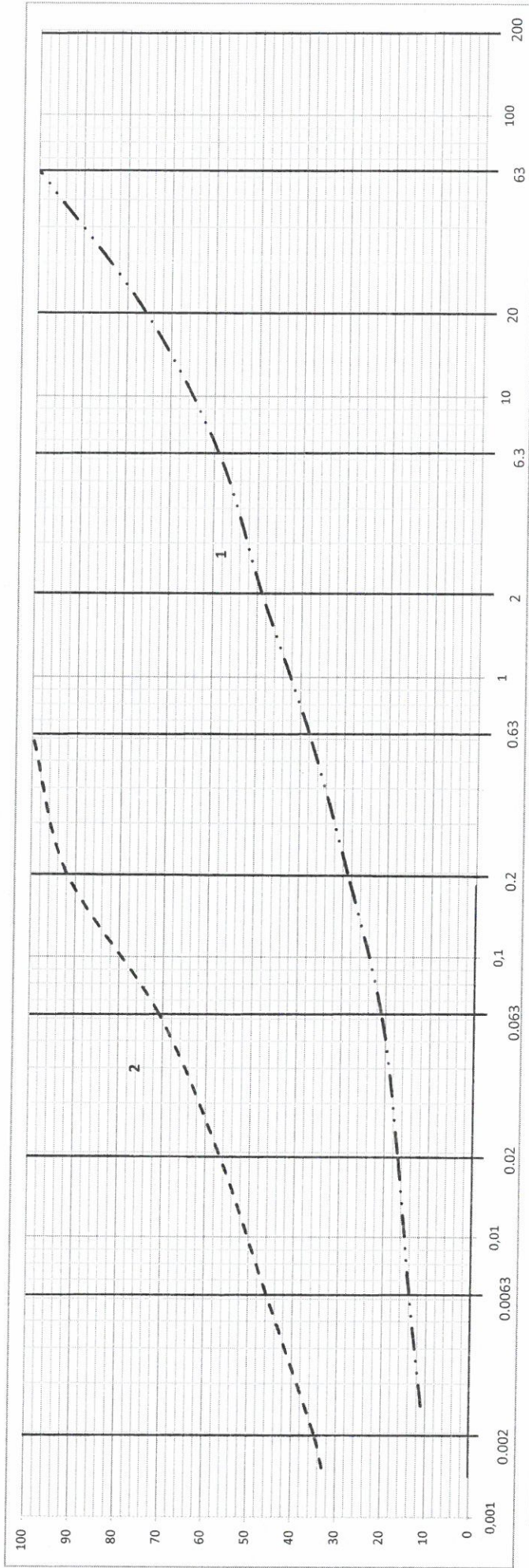
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	56	STR. FLORILOR NORD - SUD	
Proba nr.	1	2	
Adanc., m	0.18	1.50	
Umiditatea W	7.22	18.86	



Proba nr.	ARGILA Cl			PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (Msa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL						
1	2	0	0	8	1	2	0	1	2	0	1	2	0	0	
d<0.002mm	35	0% argila Cl	0.063<d<0.2mm	10	0% pietris mic (FG)	6.3<d<20mm	17	0% pietris mij. (MGr)	20<d<63mm	24	0% pietris mare (CGr)	63<d<200mm	0	0% bolovanis (Co)	
0.002<d<0.0063mm	11	0% praf fin (FSi)	0.2<d<0.63mm	9	0% nisip mare (CSa)	d>200mm	0	0	0	0	0	0	0	0	
0.0063<d<0.02mm	3	0% praf mijlociu (MSi)	0.63<d<2mm	11	0% pietris mic (FG)										
0.02<d<0.063mm	4	0% praf mare (CSi)	2<d<6.3mm	10											

Proba nr.	NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)						
	FINE SAND (Sa)	MEDIUM SAND (Msa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL							
1	8	1	2	0	1	2	0	0	0				
2	21	2	0	0	17	0	0	0	0				
0.063<d<0.2mm	8	0% nisip fin (FSa)	6.3<d<20mm	17	0% pietris mij. (MGr)	20<d<63mm	24	0% pietris mare (CGr)	63<d<200mm	0	0% bolovanis (Co)	d>200mm	0
0.2<d<0.63mm	9	0% nisip mijl. (MSa)	20<d<63mm	24	0% pietris mare (CGr)	63<d<200mm	0	0% bolovanis (Co)					
0.63<d<2mm	11	0% nisip mare (CSa)	63<d<200mm	0	0	0	0	0	0	0	0	0	0
2<d<6.3mm	10	0% pietris mic (FG)	d>200mm	0	0	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos

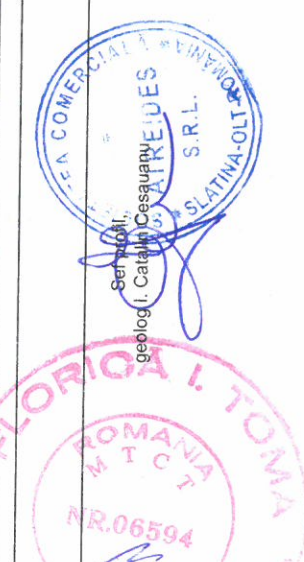
2. argila prafcasa cenusie negricioasa pl. vartoasa

TOTAL:	Cl+Si	21	71	0
	Sa	28	29	0
	Gr	51	0	0

Data : octombrie 2017

Laborant,
Stancu Cornelia

Responsabil CQ,
Popescu Stelian



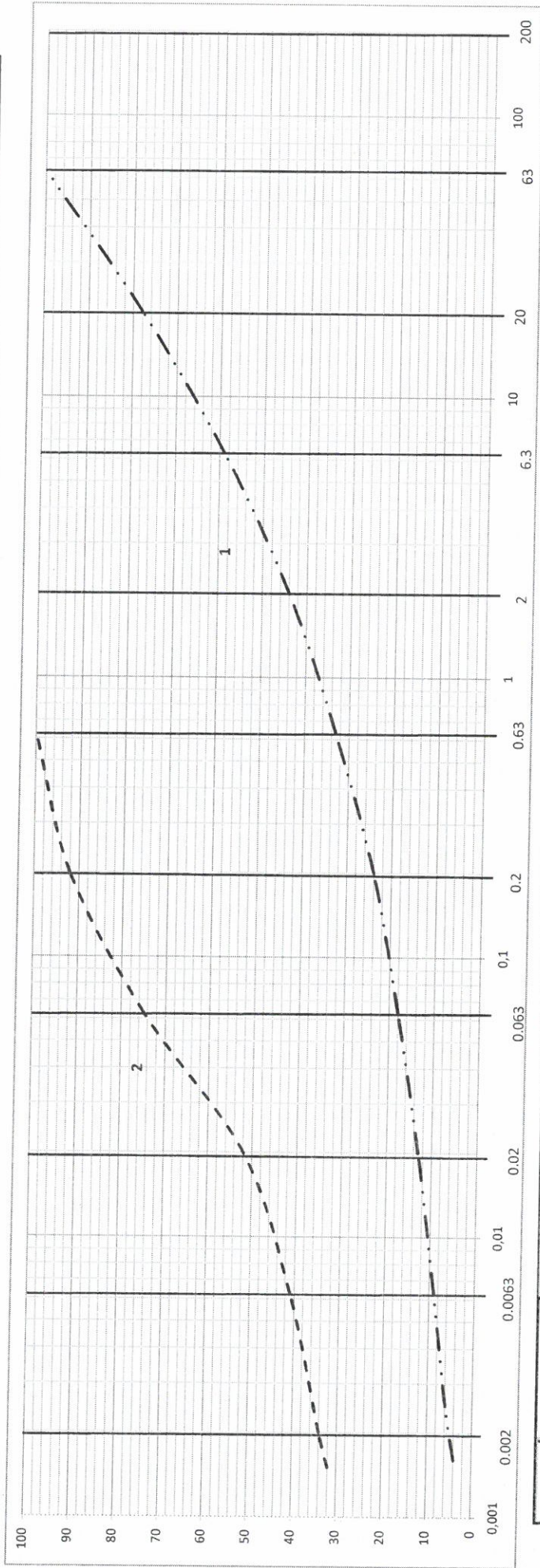
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J.28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	57	str. DC91.-MAL. STANG
Proba nr.	1	2
Adanc. m	0.19	1.50
Umiditatea W	7.19	18.25



Proba nr.	ARGILA CI			PRAF - SILT			NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	PIETRIS - GRAVEL		BOLOVANIS (COBBLES)			
1	6	34	3	6	17	0	0	0	0	0	0	0	0	0	0
2	3	7	0	9	8	0	0	0	0	0	0	0	0	0	0
3	4	11	0	11	0	0	0	0	0	0	0	0	0	0	0
4	5	23	0	15	0	0	0	0	0	0	0	0	0	0	0

Proba nr.	0.063-d<0.2mm	0.2-d<0.63mm	0.63-d<2mm	d>200mm
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0

Proba nr.	0.002-d<0.0063mm	0.0063-d<0.02mm	0.02-d<0.063mm	0.063-d<0.2mm	0.2-d<0.63mm	0.63-d<2mm	d>200mm
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0

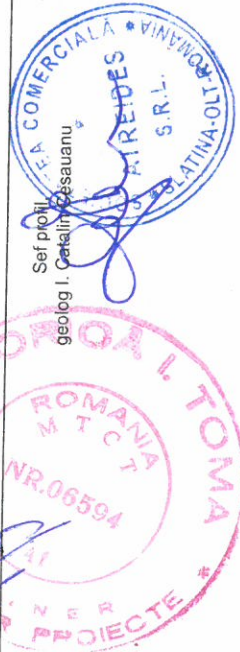
TOTAL:	CI+Si	Sa	Gr
1	18	75	0
2	26	25	0
3	56	0	0

1. pietris mic - mare cu nisip si liant argilos prafoa
 2. argila prafoasa cafeniu negriciosga pl. varboasa

Data : octombrie 2017

Laborant,
 Stancu Cornelia

Responsabil CO,
 Popescu Stelian



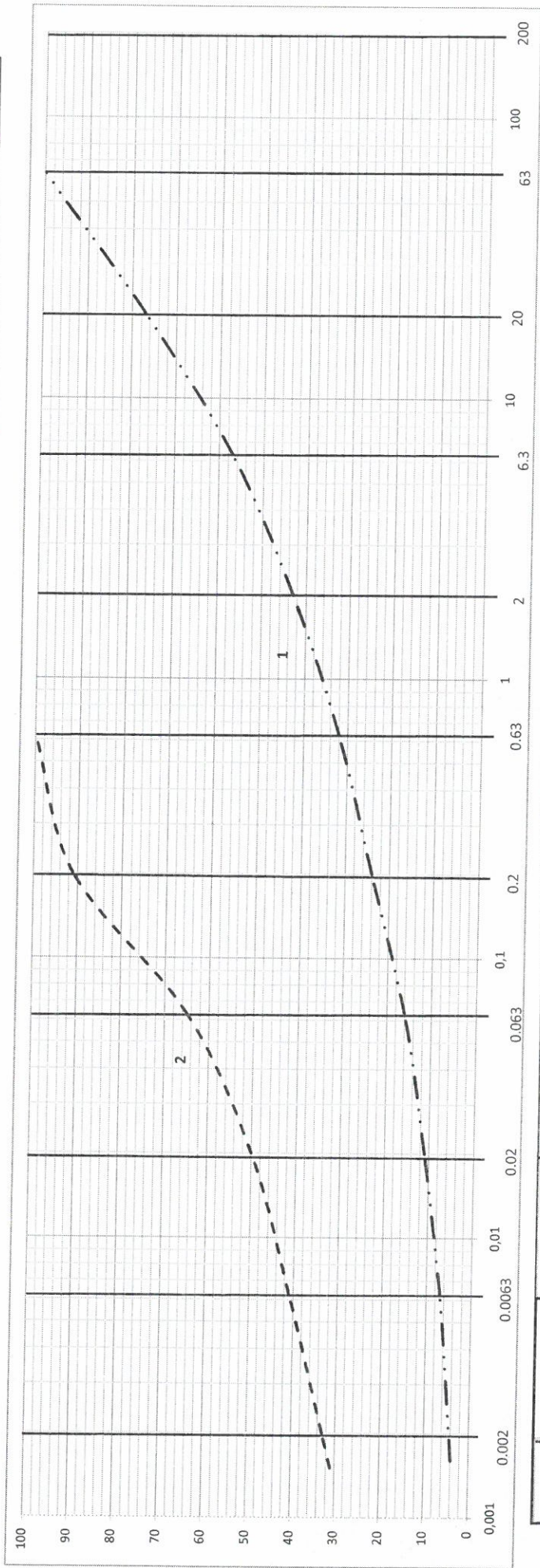
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	58	str. DC91- MAL STANG
Proba nr.	1	2
Adanc., m	0,16	1,50
Umiditatea W	7,16	17,68



Proba nr.	ARGILA CI		PRAF - SILT		NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)		
	FSi	MSi	CSi	CSa	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL					
1	2														
2	33														
0.002-d<0.0063mm	5														
0.0063-d<0.02mm	2														
0.02-d<0.063mm	4														
0.063-d<0.2mm	9														
0.2-d<0.63mm	8														
0.63-d<2mm	11														
2-d<6.3mm	14														
6.3-d<20mm															
20-d<63mm															
63-d<200mm															
d>200mm															

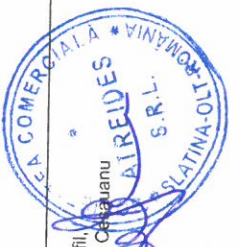
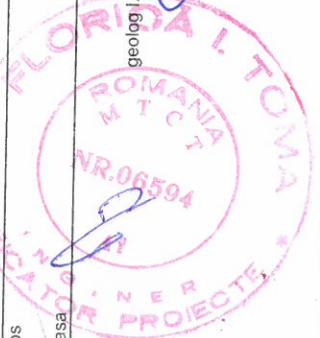
1. pietris mic - mare cu nisip si liant argilos prafoș
 2. argila nisipoasa cenusie negricioasa pl. varoasa

TOTAL:	CI+Si	16	65
	Sa	27	35
	Gr	57	0

Data : octombrie 2017

Laborant,
 Stancu Cornelia

Responsabil CO,
 Popescu Stelian



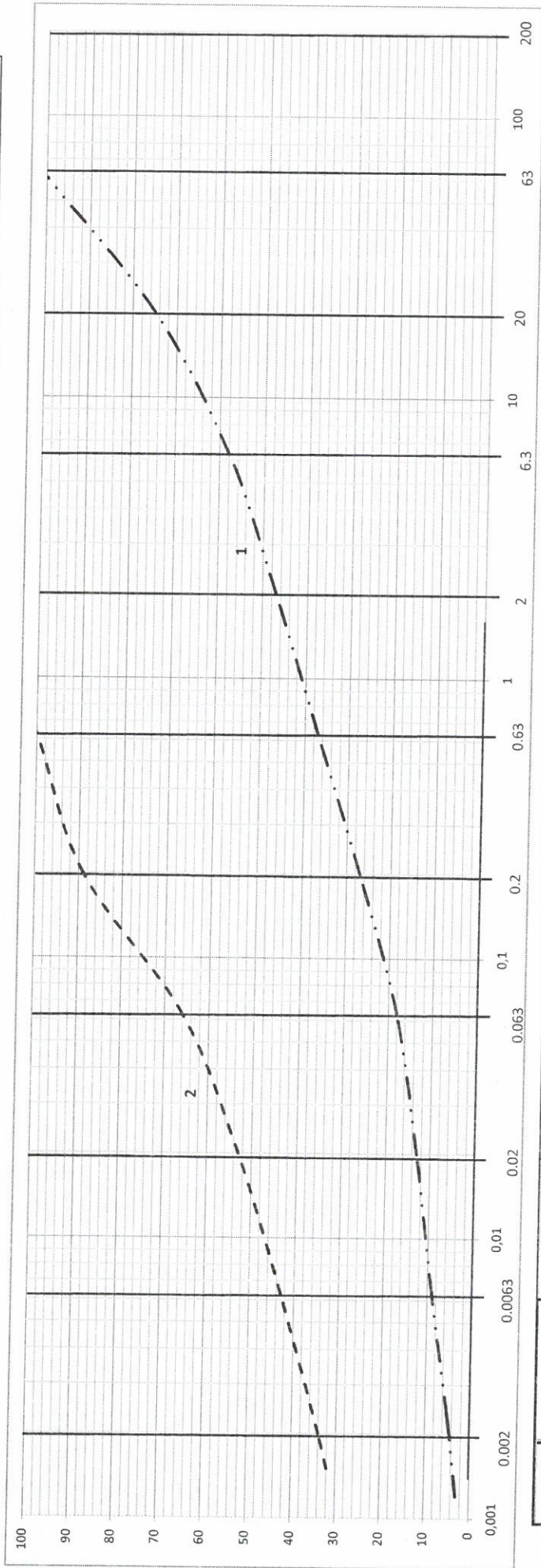
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	59	str. DC91- MAL STANG
Proba nr.	1	2
Adanc., m	0,19	1,50
Umiditatea W	7,29	18,29



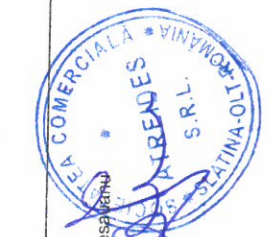
Proba nr.	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)	
	FSi	MSi	CSi	CI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL				
d < 0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0	0
0.002 < d < 0.0063mm	5	34	0	0	9	23	0	0	17	0	0	0	0	0
0.0063 < d < 0.02mm	4	9	0	0	10	11	0	0	25	0	0	0	0	0
0.02 < d < 0.063mm	4	10	0	0	10	0	0	0	0	0	0	0	0	0
	5	13	0	0	11	0	0	0	0	0	0	0	0	0

Proba nr.	0.063 < d < 0.2mm	0.2 < d < 0.63mm	0.63 < d < 2mm	2 < d < 6.3mm	6.3 < d < 20mm	20 < d < 63mm	63 < d < 200mm	d > 200mm
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafoas		2. argila nisipoasa cenusie negricioasa pl. vartoasa	
TOTAL:	CI+Si	18	66
	Sa	29	34
	Gr	53	0



Data : octombrie 2017
 Responsabil CC,
 Popescu Stelian



Seif profil,
 geolog I. Catalin Cesauanu



Laborant,
 Stancu Cornelia

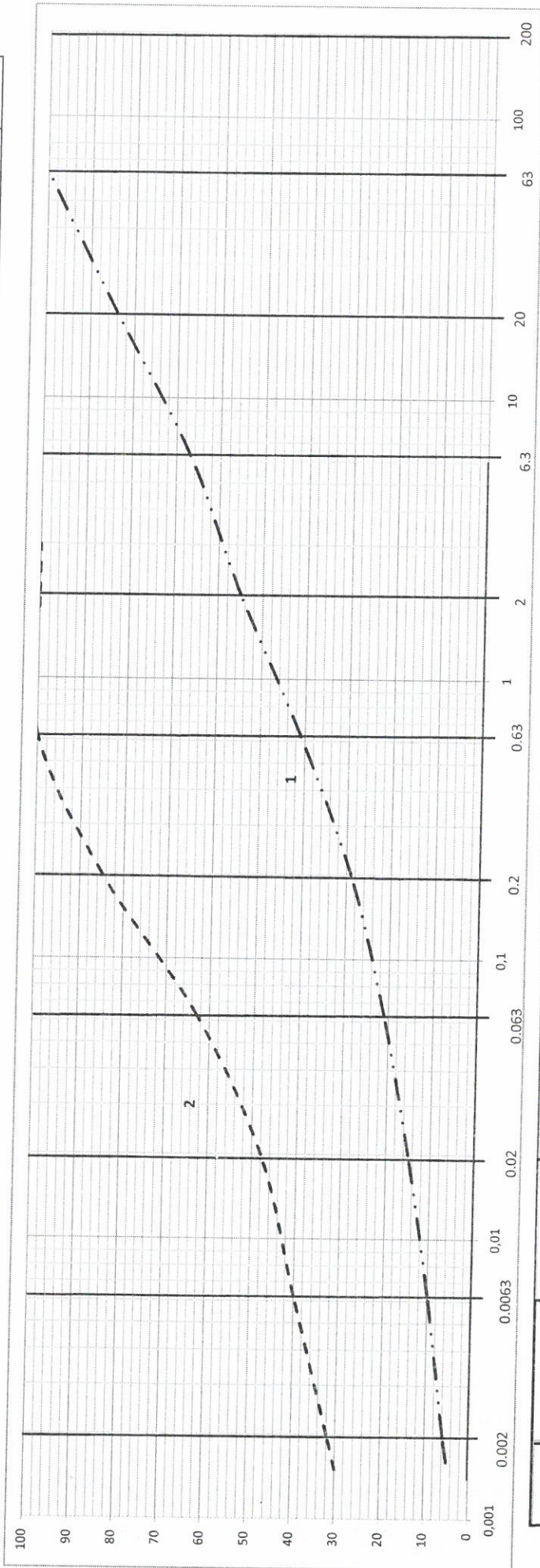
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES LOCAL IN COMUNA BREBENI, JUD OLT

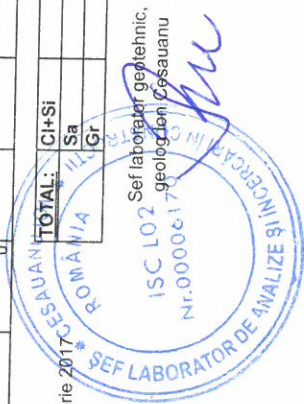
Sondajul	s10	sfr. DC91 - MAL STANG
Proba nr.	1	2
Adanc., m	0,13	1,50
Umiditatea W	7,31	17,33



Proba nr.	ARGILA CI			PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)		
	FSI	MSI	CSI	FINE SAND (Ss)	MEDIUM SAND (MSs)	COARSE SAND (CSs)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL						
1	2	0	0	8	12	0	0	0	0	1	2	0			
2	32	0	0	12	14	0	0	0	0	17	0	0			
3	8	0	0	14	12	0	0	0	0	16	0	0			
4	8	0	0	12	0	0	0	0	0	0	0	0			
5	8	0	0	12	0	0	0	0	0	0	0	0			
6	15	0	0	12	0	0	0	0	0	0	0	0			

Proba nr.	Probabil	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm
1	0	0	0	0	0
2	22	0	0	0	0
3	15	0	0	0	0
4	12	0	0	0	0
5	14	0	0	0	0
6	12	0	0	0	0

TOTAL:		CI+Si	Sa	Gr			
1	2	21	34	45			
2	63	0	0	0			
3	37	0	0	0			
4	0	0	0	0			



Responsabil
 Popescu Breban

Sef profil,
 geolog I. Catalin Cesaianu

Laborant,
 Stancu Cornelia

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila nisipoasa cafeniu negriciosasa pl. vartoasa

Data : octombrie 2017
 CESAIANU

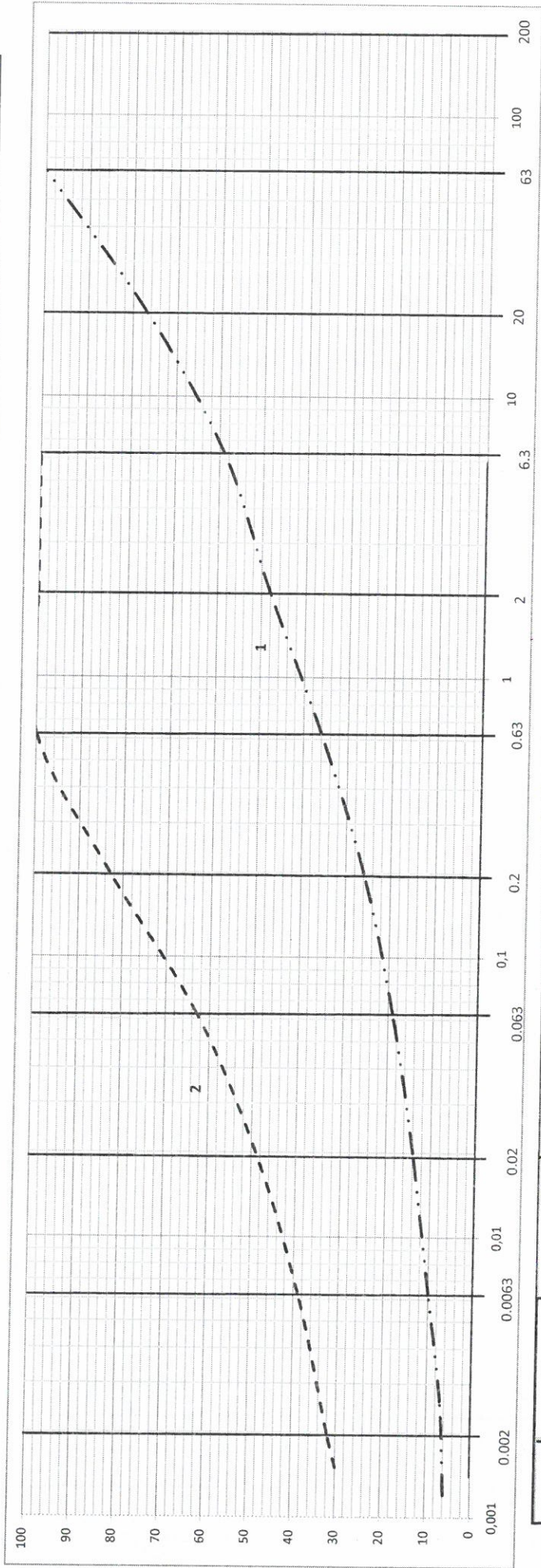
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	511	str. DC91- MAL. DREPT
Proba nr.	1	2
Adanc., m	0.18	1.50
Umiditatea W	7.21	17.51

STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	ARGILA CI		PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)	
	FSi	CI	MSi	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL						
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002-d<0.0063mm	7	32	0	0	7	20	0	0	0	0	0	0	0	0	0	
0.0063-d<0.02mm	3	7	0	0	10	17	0	0	0	0	0	0	0	0	0	
0.02-d<0.063mm	4	10	0	0	12	0	0	0	0	0	0	0	0	0	0	
0.063-d<0.2mm	5	14	0	0	11	0	0	0	0	0	0	0	0	0	0	
0.2-d<0.63mm																
0.63-d<2mm																
2-d<6.3mm																
6.3-d<20mm																
20-d<63mm																
63-d<200mm																
d>200mm																

1. pietris mic - mare cu nisip si liant argilos prafoș
 2. argila nisipoasa cafeniu negricioasa pl. vartoasa

TOTAL:	CI+Si	1	2
	Sa	19	63
	Gr	29	37
		52	0

Data : octombrie 2017

Laborant,
 Stancu Cornelia

Seș profi,
 geolog I. Catalin Cesauaru

Responsabil CO,
 Popescu Stelian



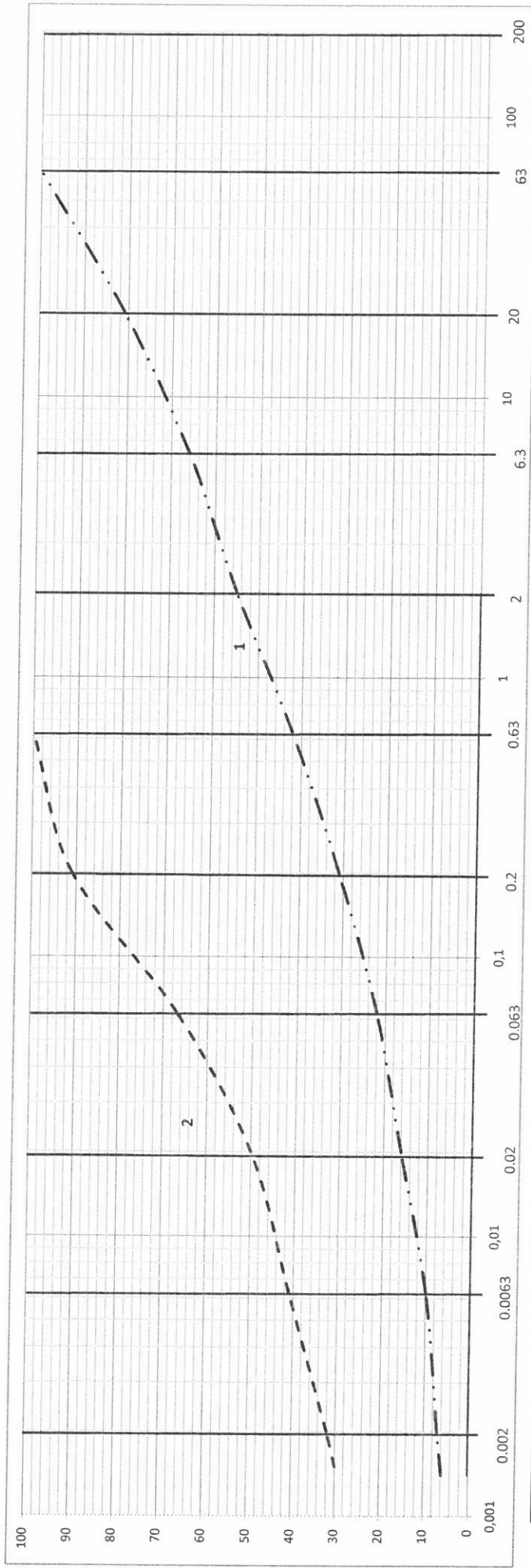
SC ATREIDES SRL, Labor. Geotech gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	S12	str. DC91- MAL DREPT
Proba nr.	1	2
Adanc... m	0,15	1,50
Umiditatea W	7,31	17,51

STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	ARGILA CI		PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSi	MSI	CSI	FINE SAND (Ss)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	PIETRIS - GRAVEL		BOLOVANIS (COBBLES)			
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002<d<0.0063mm	7	32	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0063<d<0.02mm	3	9	0	0	0	0	0	0	0	0	0	0	0	0	0
0.02<d<0.063mm	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0
0.063<d<0.2mm	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2<d<0.63mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.63<d<2mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2<d<6.3mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.3<d<20mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20<d<63mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63<d<200mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafoas

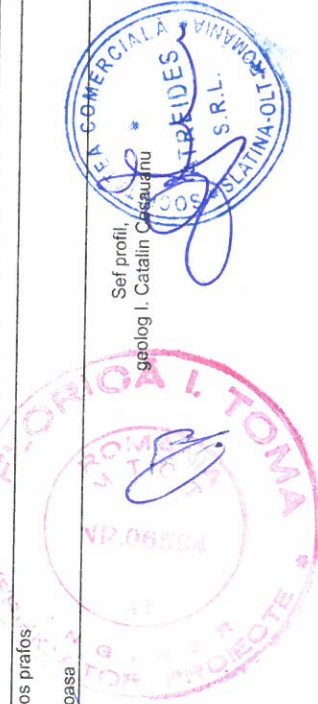
2. argila prafoasa cafeniu galbuie pl. vartoasa

Data : octombrie 2017

Laborant,
Stancu Cornelia

Sef profil,
geolog I. Catalin Cesauanu

Responsabil CG
Popescu Stefan



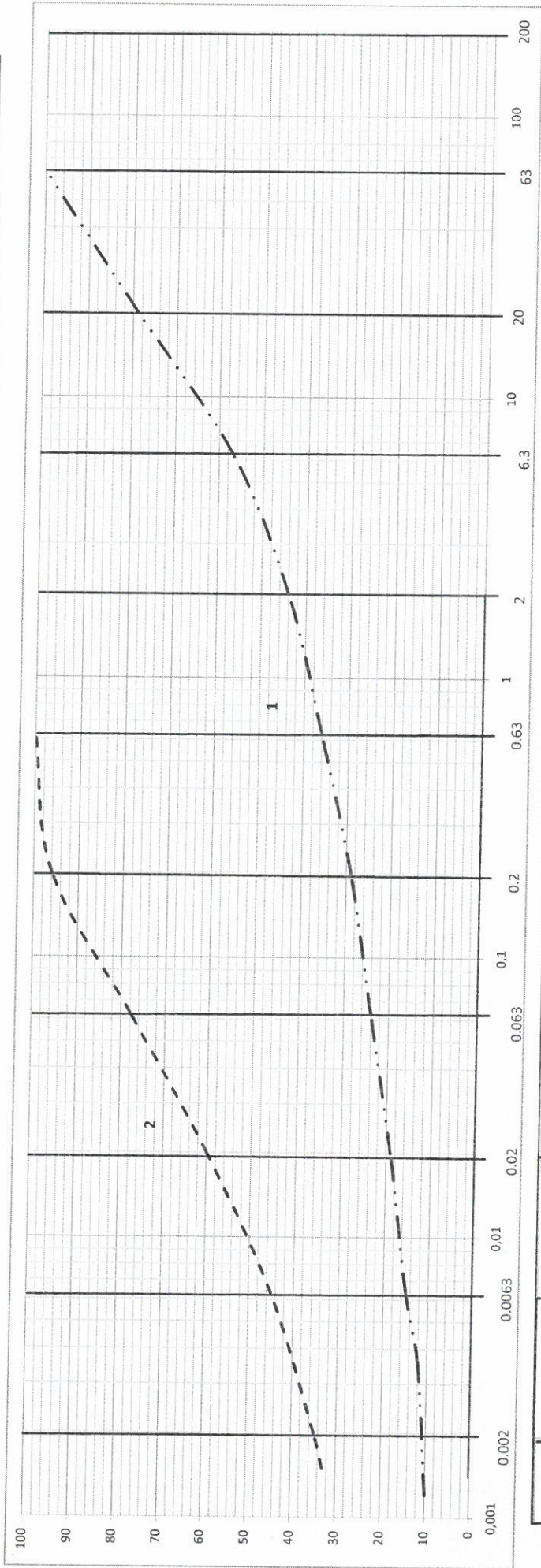
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	513	str. DC91- MAL DREPT
Proba nr.	1	2
Adanc., m	0.12	1.50
Umiditatea W	7.30	18.63



Proba nr.	ARGILA (CI)					NISIP - SAND					PIETRIS - GRAVEL					BOLOVANIS (COBBLES)	
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL								
1	2	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0
2	35	0	0	7	18	0	0	0	0	0	0	0	0	0	0	0	0
3	10	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0
4	15	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
5	18	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0

Proba nr.	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm
1	22	21	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafoas

2. argilia prafoasa cateniu gaibuie pl. vantoasa

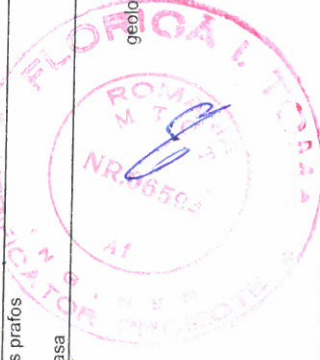
TOTAL:	CI+Si	0
	Sa	24
	Gr	78
	Gr	20
	Gr	22
	Gr	0

Data : octombrie 2017

Laborant,
Stancu Cornelia

Sef profil,
geolog I. Catalin Cesauanu

Responsabil O.C.,
Popescu Stelian



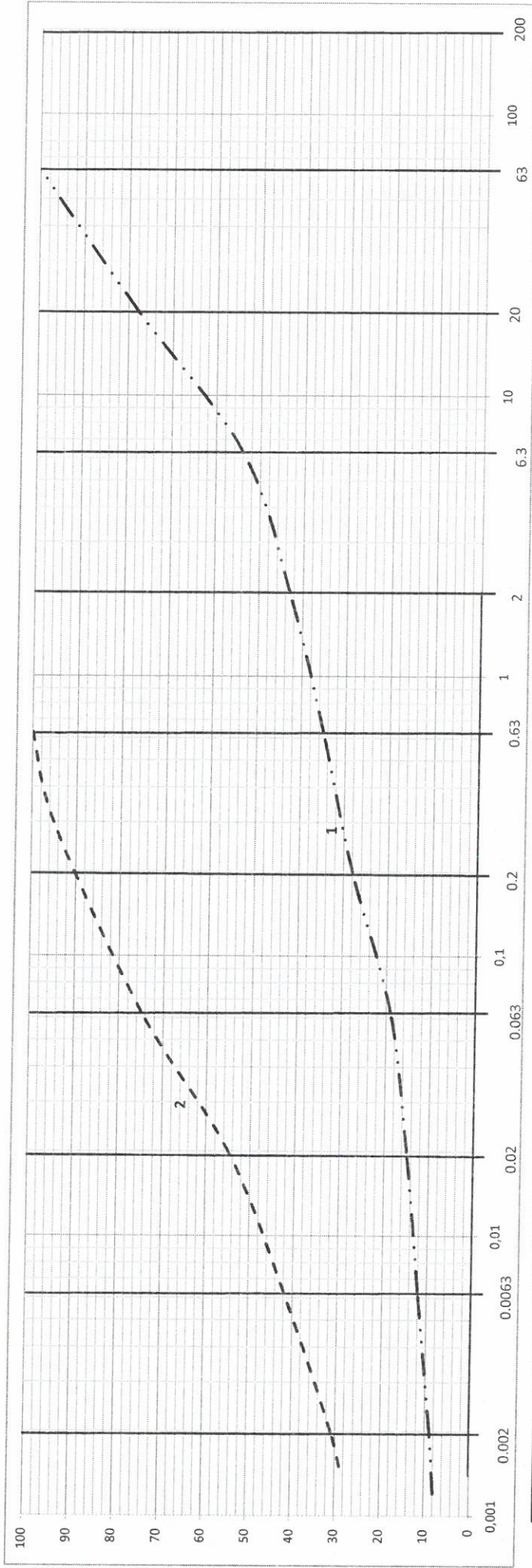
SC ATREIDES SRL, Labor. Geotech gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	514	str. RUSCA
Proba nr.	1	2
Adanc... m	0,12	1,50
Umiditatea W	7,29	16,97

STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSi	MSi	CSi	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	C5a	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	BOLOVANIS (COBBLES)	
d < 0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0
0.002 < d < 0.0063mm	9	31	0	0	9	20	0	0	0	24	0	0	0
0.0063 < d < 0.02mm	3	11	0	0	7	5	0	0	0	22	0	0	0
0.02 < d < 0.063mm	3	13	0	0	8	0	0	0	0	0	0	0	0
0.063 < d < 0.2mm	4	20	0	0	11	0	0	0	0	0	0	0	0

Proba nr.	0.063 < d < 0.2mm	0.2 < d < 0.63mm	0.63 < d < 2mm	2 < d < 6.3mm	6.3 < d < 20mm	20 < d < 63mm	63 < d < 200mm	d > 200mm
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos praful		1	2	0
2. argilia prafosa cafeniu galbuie pl. varoasa		19	75	0
TOTAL:		20	75	0
Categorie		1	2	0
Clasificatie		1	2	0
Cantitate		24	0	0
Nisip mij. (MSa)		22	0	0
Nisip mare (CSa)		0	0	0
Pietris mic (FG)		0	0	0
Pietris mare (CG)		0	0	0
Bolovanis (Co)		0	0	0

Laborant,
 Stancu Cornelia

Sef profil,
 geolog I. Catalin Cezaru (u)

Responsabil CO,
 Popescu Stefan

Data : octombrie 2017



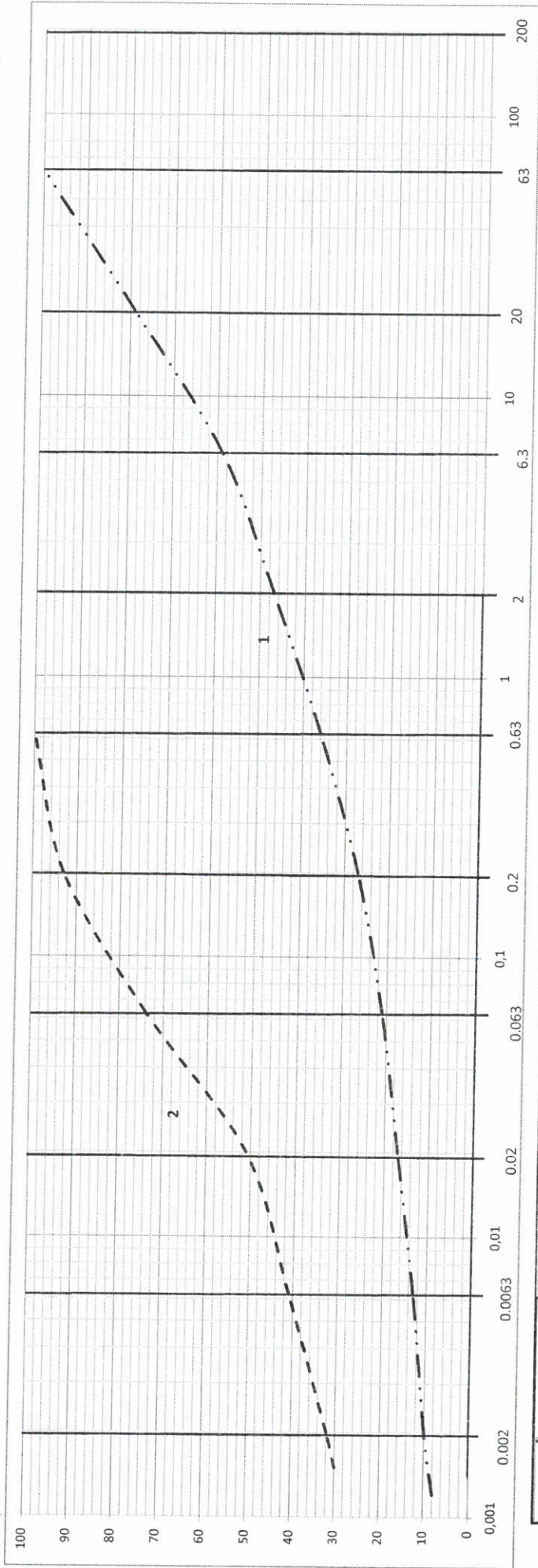
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	515	str. RUSCA
Proba nr.	1	2
Adanc., m	0.13	1.50
Umiditatea W	7.12	17.76

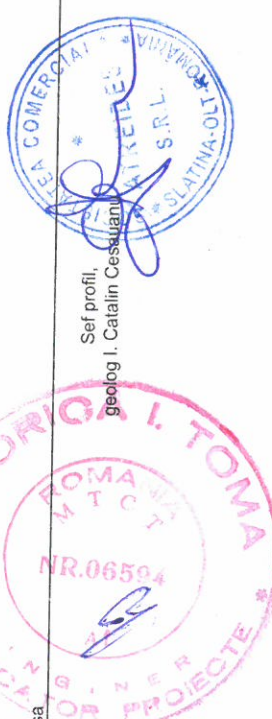
STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSI	MSI	CSI	ARGILA CI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	BOLOVANIS (COBBLES)		
1	2	0	0	0	6	19	0	1	20	0	0	0	
2	32	0	0	0	9	7	0	6.3-d<20mm	20	0	0	0	
0.002-d<0.0063mm	3	9	0	0	0.2-d<0.63mm	0.63-d<2mm	2-6.3mm	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm		
0.0063-d<0.02mm	4	10	0	0	0.63-d<2mm	2-d<6.3mm	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm			
0.02-d<0.063mm	4	23	0	0	2-d<6.3mm	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm				

Proba nr.	CI+S	S	Gr
1	2	0	0
2	21	0	0
TOTAL	23	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argilia prafoasa catenii galbuie pl. vartoasa

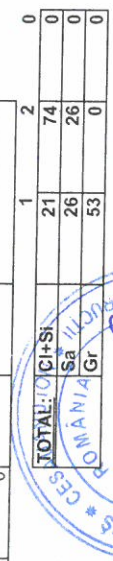


Laborant,
 Stancu Cornelia

Sef profil,
 geolog I. Catalin Cesteanu

Responsabil DG,
 Popescu Stefan

Data : octombrie 2017



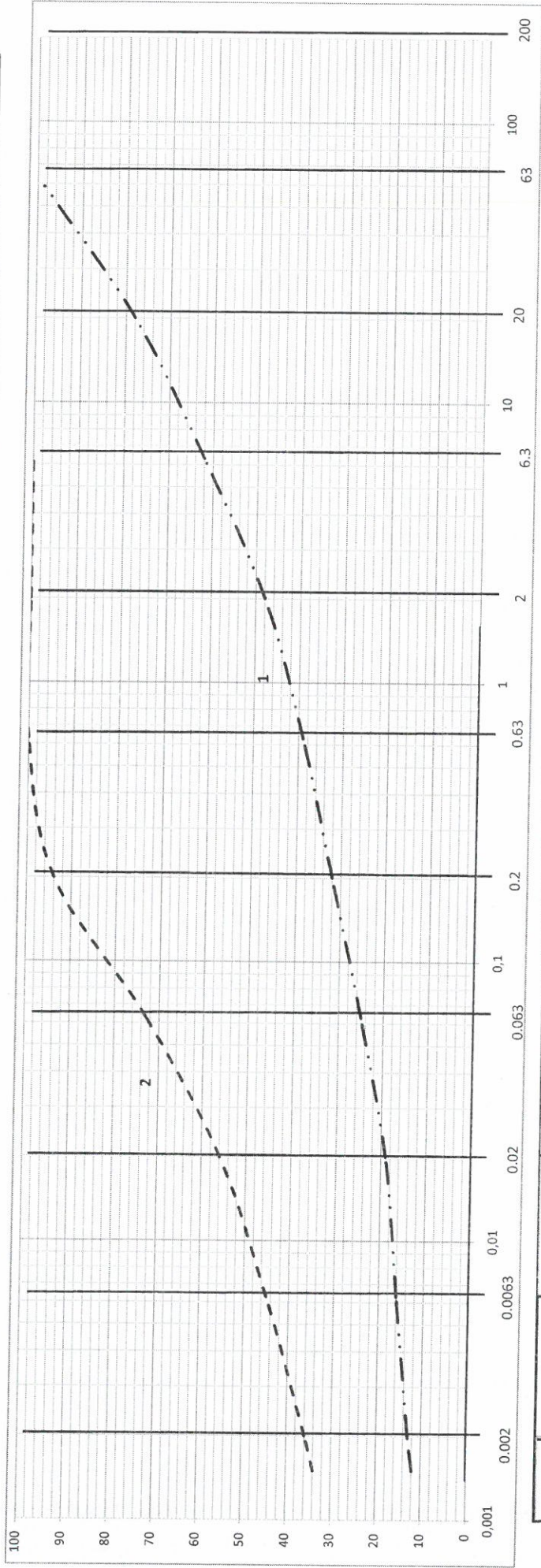
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizația 2410/2015
 128 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 07363994182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	516	str. RUSCA	
Proba nr.		1	2
Adanc., m		0,14	1,50
Umiditatea W		7,16	18,62

STAS 1913 - 5/85; SR EN 14688-2/2005



ARGILA Cl	PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	
Proba nr.	1	2	0	1	2	0	1	2	0	0
d<0.002mm	13	36	0	7	21	0	6.3<d<20mm	16	0	0
0.002<d<0.0063mm	3	9	0	7	6	0	0% nisip fin (FSa)	0	0	0
0.0063<d<0.02mm	3	11	0	9	0	0	0% nisip mij. (MSa)	22	0	0
0.02<d<0.063mm	6	17	0	14	0	0	0% nisip mare (CSa)	0	0	0
							0% nisip mic (FG)	0	0	0
							d>200mm	0	0	0

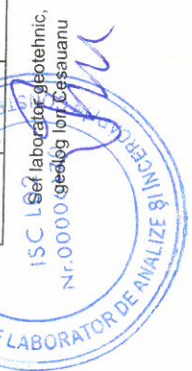
TOTAL:		Cl+S	1	2
RO	25	25	73	0
Gr	23	23	27	0
	52	52	0	0

Data : octombrie 2017

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cafeniu galbuie pl. vartoasa

Laborant,
 Stancu Cornelia

Responsabil EQ,
 Popescu Stelian



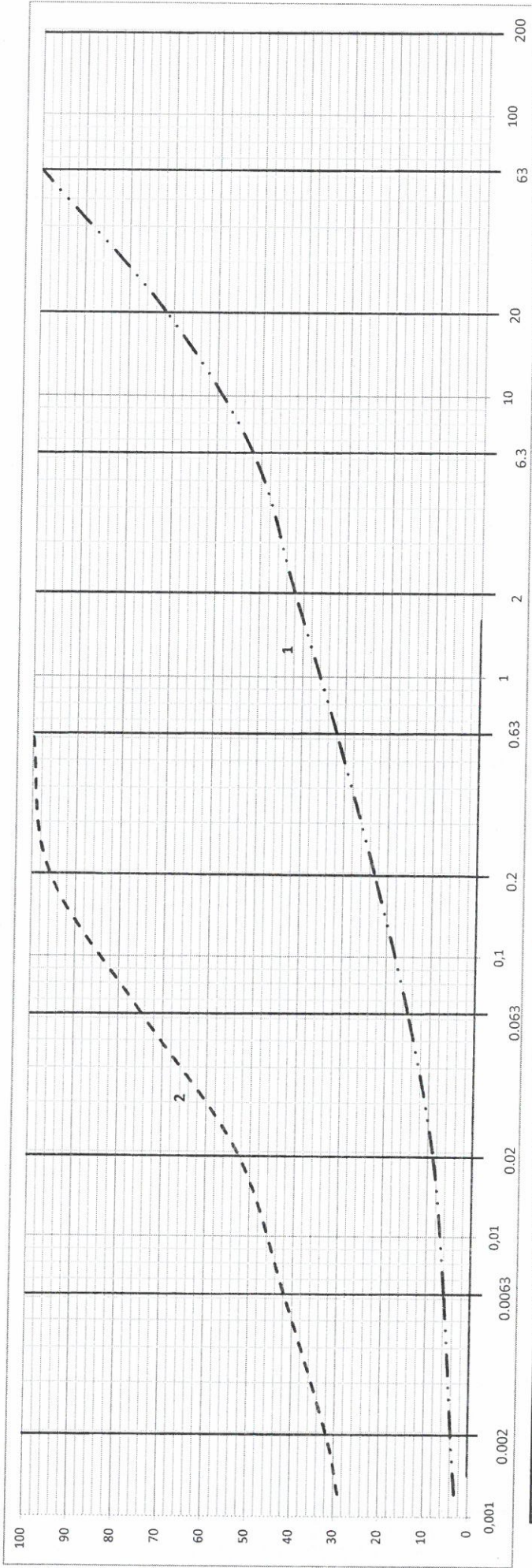
SC ATREIDES SRL, Labor. Geotech gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	517	str. CRINULUI
Proba nr.	1	2
Adanc... m	0.04	1.50
Umiditatea W	7.12	17.56

STAS 1913 - 5/85; SR EN 14688-2/2005



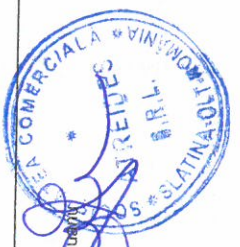
ARGILA Cl	FSI		MSI		CSI		NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FINE SAND (FSa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	PIETRIS - GRAVEL						

Proba nr.	1	2	1	2	1	2	1	2	1	2	1	2
d<0.002mm	4	32	0	21	0	21	0	0	0	0	0	0
0.002-d<0.0063mm	2	10	0	4	0	4	0	0	0	0	0	0
0.0063-d<0.02mm	3	11	0	0	0	0	0	0	0	0	0	0
0.02-d<0.063mm	6	22	0	0	0	0	0	0	0	0	0	0
0.063-d<0.2mm	8	8	0	0	0	0	0	0	0	0	0	0
0.2-d<0.63mm	9	9	0	0	0	0	0	0	0	0	0	0
0.63-d<2mm	10	10	0	0	0	0	0	0	0	0	0	0
2-d<6.3mm	10	10	0	0	0	0	0	0	0	0	0	0
6.3-d<20mm	20	20	0	0	0	0	0	0	0	0	0	0
20-d<63mm	28	28	0	0	0	0	0	0	0	0	0	0
63-d<200mm	0	0	0	0	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos praos	1	2	1	2	1	2	1	2	1	2	1	2
2. argila prafoasa cafeniu galbui epl. vartoasa	15	75	0	0	0	0	0	0	0	0	0	0
TOTAL:	15	75	0	0	0	0	0	0	0	0	0	0



Data : octombrie 2017
 Responsabil C.C. Popescu Stelian



Sef profil, geolog I. Catalin Cesaianu

Laborant, Stancu Cornelia

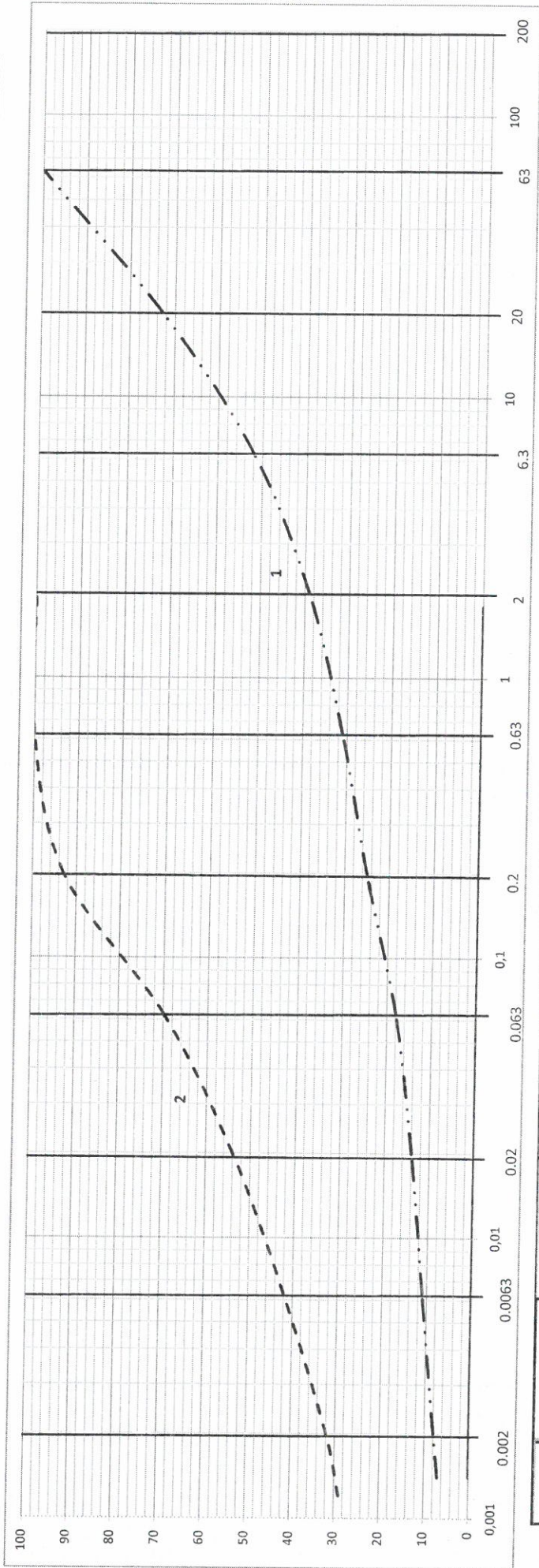
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J.28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	S18	str. SIMIONIDI	
Proba nr.	1	2	
Adanc. m	0.12	0.50	
Umiditatea W	7.18	17.51	



Proba nr.	ARGILA CI				PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)	
	FSI	MSi	CSi	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL								
1	2	0	0	0	7	23	0	0	1	2	0	0	0	0	0	0	0	
2	32	0	0	0	6	7	0	0	21	21	0	0	0	0	0	0	0	
0.002 < d < 0.0063 mm	3	10	0	0	0.063 < d < 0.2 mm	0.063 < d < 0.2 mm	0.063 < d < 0.2 mm	0.063 < d < 0.2 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	6.3 < d < 20 mm	
0.0063 < d < 0.02 mm	3	12	0	0	0.2 < d < 0.63 mm	0.2 < d < 0.63 mm	0.2 < d < 0.63 mm	0.2 < d < 0.63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	20 < d < 63 mm	
0.02 < d < 0.063 mm	4	16	0	0	0.63 < d < 2 mm	0.63 < d < 2 mm	0.63 < d < 2 mm	0.63 < d < 2 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	63 < d < 200 mm	
					2 < d < 6.3 mm	2 < d < 6.3 mm	2 < d < 6.3 mm	2 < d < 6.3 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	d > 200 mm	

TOTAL:				CI+Si	1	2	0	0	0	0	0	0	0	0	0	0	0
				Sa	18	70	0	0	0	0	0	0	0	0	0	0	0
				Gr	21	30	0	0	0	0	0	0	0	0	0	0	0
					61	0	0	0	0	0	0	0	0	0	0	0	0

Data : octombrie 2017
 CESSAUAI ROMANIA
 SEF LABORATOR DE ANALIZE SI INCERCARI
 Nr.00006170
 Seif laborator geotehnic,
 ISC LO 2 geolog Jan Besauianu

Responsabil CO,
 Popescu Stefan
 Seif profil,
 geolog I. Catalin Gesauianu

Laborant,
 Stancu Cornelia
 ROMANIA
 NR.06594
 INCERCARI SI PROIECTII

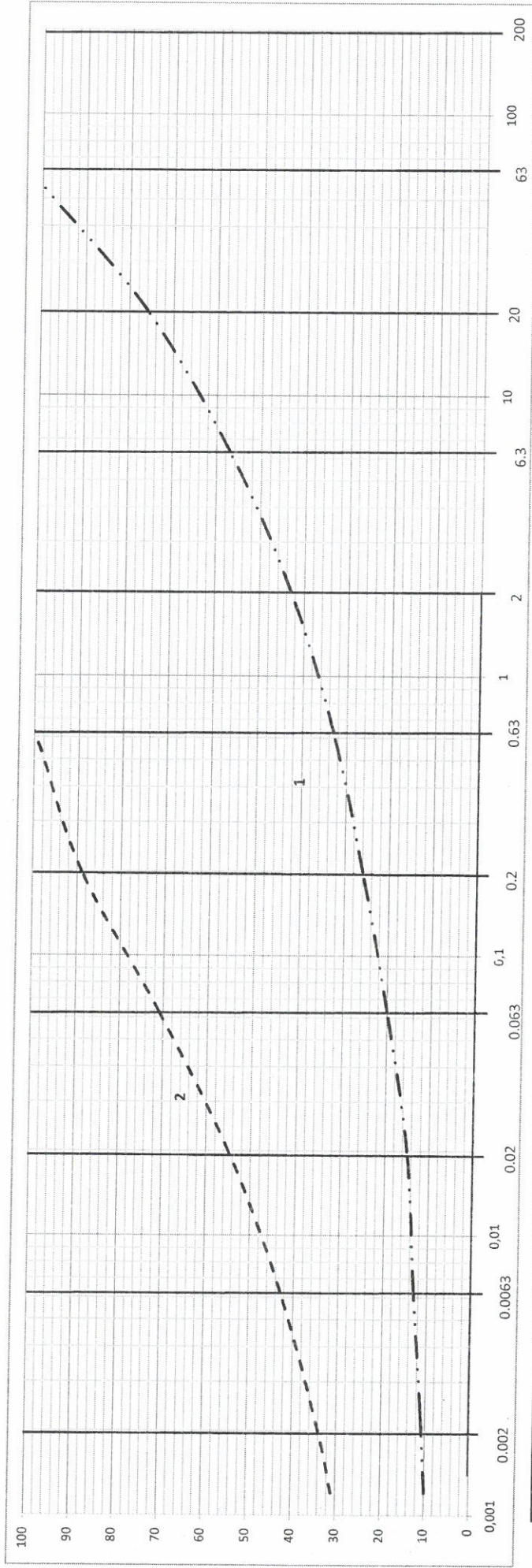
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

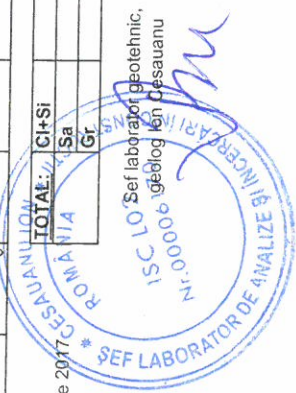
Sondajul	519	str. SIMIONIDI
Proba nr.	1	2
Adanc., m	0,20	1,50
Umiditatea W	7,15	18,02



Proba nr.	NISIP - SAND					PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FINE SAND (FSa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL			
1	6	18	0	1	19	2	0	0	
2	7	11	0	0	24	0	0	0	
3	10	0	0	0	0	0	0	0	
4	14	0	0	0	0	0	0	0	

Proba nr.	0.063 < d < 0.2 mm	0.2 < d < 0.63 mm	0.63 < d < 2 mm	2 < d < 6.3 mm	6.3 < d < 20 mm	20 < d < 63 mm	63 < d < 200 mm	d > 200 mm
1	34	11	0	0	19	0	0	0
2	9	7	0	0	24	0	0	0
3	12	10	0	0	0	0	0	0
4	16	14	0	0	0	0	0	0

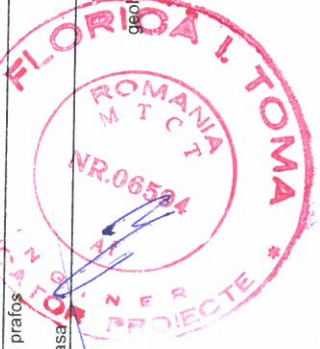
TOTAL:		CI+Si	1	2
ARGILA	0	0	20	71
CI	0	0	23	29
BOLOVANIS	0	0	57	0



Responsabil CO,
Popescu Stefan



Sef profil,
geolog I. Catalin Cesaubutu



Laborant,
Stancu Cornelia

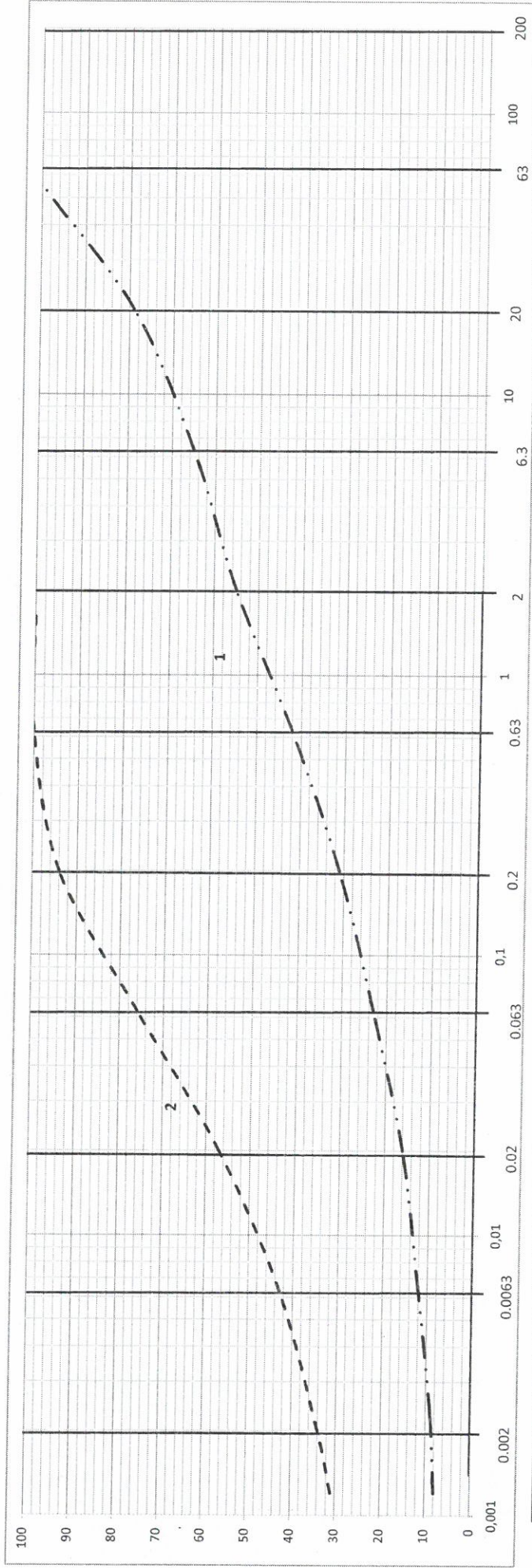
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	520	str. SIMIONIDI	
Proba nr.		1	2
Adanc., m		0,14	0,50
Umiditatea W		7,22	18,02



ARGILA CI	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSI	MSI	CSI		FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)		FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL		

Proba nr.	1	2	0	1	2	0	1	2	0	1	2	0
d<0.002mm	34	0	0	0	18	0	0	0	0	14	0	0
0.002<d<0.0063mm	9	0	0	8	6	0	0	0	0	0	0	0
0.0063<d<0.02mm	4	14	0	11	0	0	0	0	0	21	0	0
0.02<d<0.063mm	7	19	0	13	0	0	0	0	0	0	0	0
0.063<d<0.2mm	0	0	0	10	0	0	0	0	0	0	0	0
0.2<d<0.63mm	0	0	0	0	0	0	0	0	0	0	0	0
0.63<d<2mm	0	0	0	0	0	0	0	0	0	0	0	0
2<d<6.3mm	0	0	0	0	0	0	0	0	0	0	0	0
6.3<d<20mm	0	0	0	0	0	0	0	0	0	0	0	0
20<d<63mm	0	0	0	0	0	0	0	0	0	0	0	0
63<d<200mm	0	0	0	0	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL:		CI+Si	23	76	0
		Sa	32	24	0
		Gr	45	0	0

Data : octombrie 2017
 Sef laborator geotehnic,
 geolog I. Catalin Cesașanu
 ROMANIA
 Slatina
 SCEL
 Nr. 0000067707
 Sef LABORATOR DE ANALIZE SI INCERCARI
 ROMANIA

Responsabil C.O.,
 Popescu Stelian
 Sef profil,
 geolog I. Catalin Cesașanu
 ROMANIA
 Slatina
 SCEL
 Nr. 06594
 VERIFICATOR PROIECTE

Laborant,
 Stancu Cornelia
 ROMANIA
 Slatina
 SCEL
 Nr. 06594
 VERIFICATOR PROIECTE

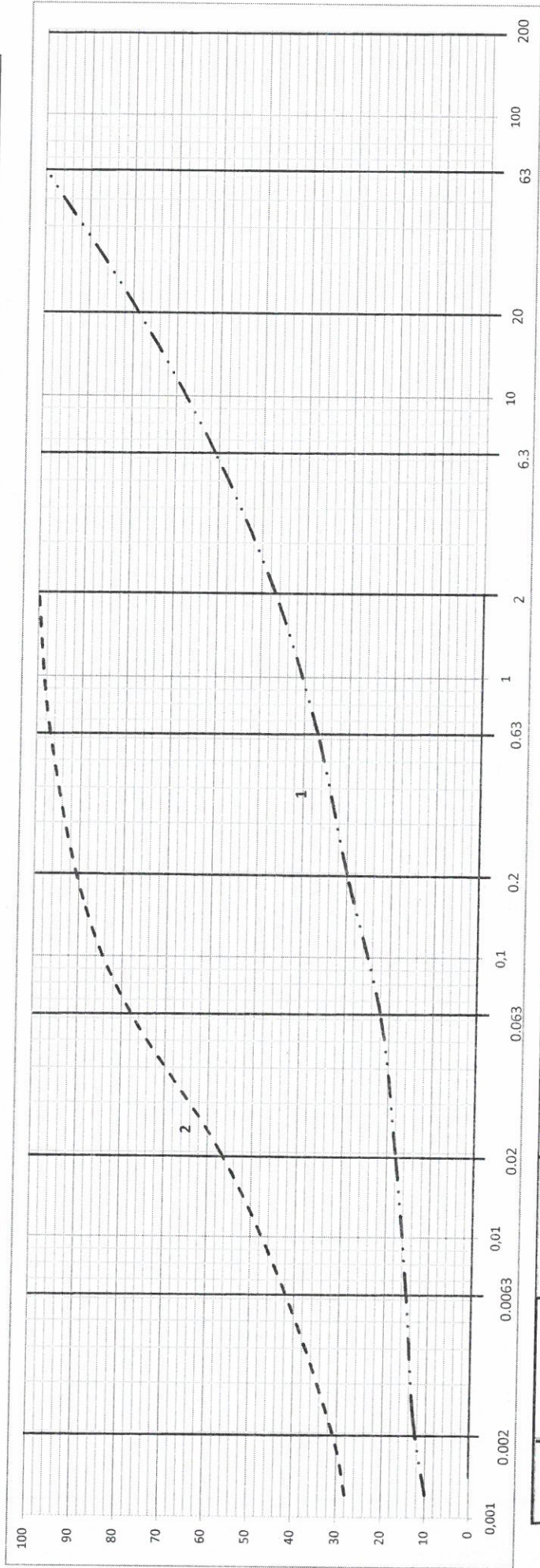
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

STAS 1913 - 5/85; SR EN 14688-2/2005

Sondajul	623	str. PRINCIPALA	
Proba nr.		1	2
Adanc., m		0.15	1.50
Umiditatea W		7.22	17.17



ARGILA Ci	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSi	MSi	CSi		FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)		FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL		

Proba nr.	1	2	0	1	2	0	1	2	0	1	2	0
d<0.002mm	13	31	0	0	11	0	0	0	0	18	0	0
0.002-d<0.0063mm	2	11	0	0	8	0	0	0	0	0	0	0
0.0063-d<0.02mm	3	15	0	0	7	0	0	0	0	21	0	0
0.02-d<0.063mm	4	21	0	0	10	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cafeniu galbuie pl. vartoasa

TOTAL	Ci+Si	22	78	0
	Sa	25	22	0
	Gr	53	0	0



Responsabil CO,
 Popescu Stelian

Sef prof.
 geolog I. Catalin Cescu

Laborant
 Stancu Cornelia

Data : octombrie 2017

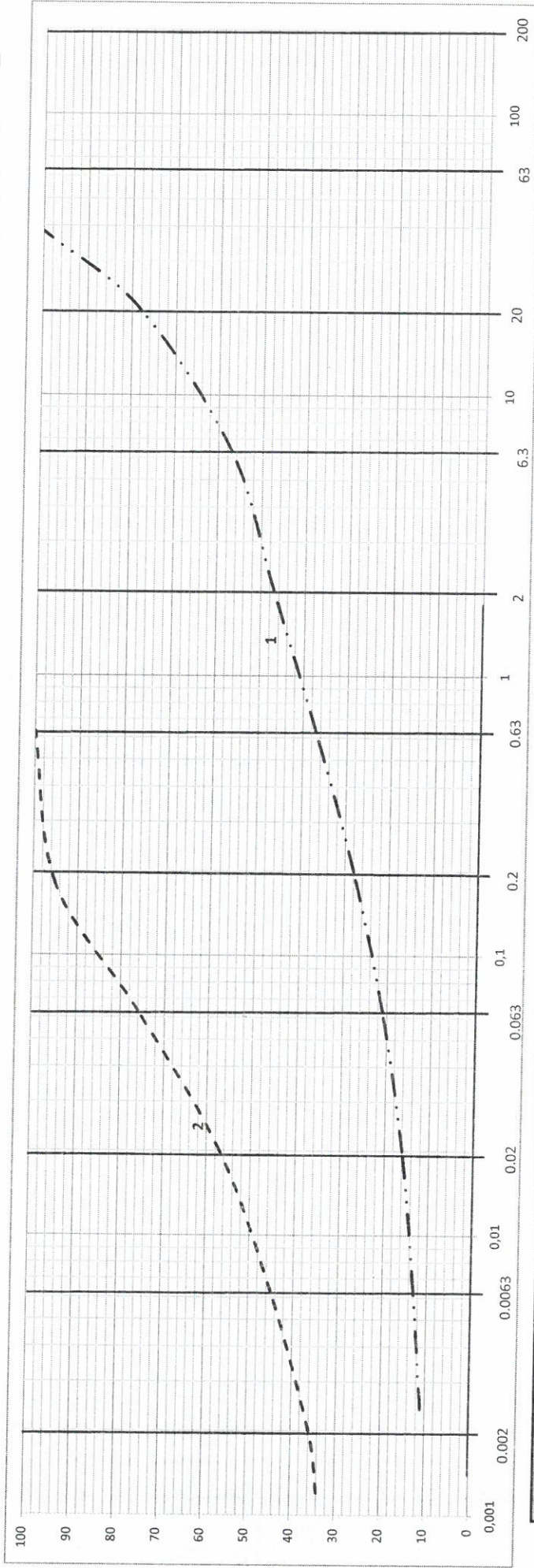
SC ATREIDES SRL, Labor. Geotech gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Statina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	524	str. ISLAZULUI	
Proba nr.		1	2
Adanc., m		0.16	1.50
Umiditatea W		7.20	18.39



ARGILA CI	PRAF - SILT					NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL			

Proba nr.	1	2	0	1	2	0	1	2	0	1	2	0
d<0.002mm	11	36	0	7	19	0	0	0	0	21	0	0
0.002<d<0.0063mm	2	9	0	9	5	0	0	0	0	22	0	0
0.0063<d<0.02mm	3	12	0	10	0	0	0	0	0	0	0	0
0.02<d<0.063mm	5	19	0	10	0	0	0	0	0	0	0	0
0.063<d<0.2mm												
0.2<d<0.63mm												
0.63<d<2mm												
2<d<6.3mm												
6.3<d<20mm												
20<d<63mm												
63<d<200mm												
d>200mm												
TOTAL	31	76	0	26	24	0	0	0	0	21	0	0

1. pietris mic - mare cu nisip si liant argilos prafos

2. argila prafoasa cafeniu galbuie pl. vartoasa

Laborant,
Stancu Cornelia

Sef profil,
Catalin Cesauanu

Responsabil de
Popescu Stefan

ISC LABORATOR DE ANALIZE SI INCERCARI
 ROMANIA
 Nr. 00006
 Sef Laborator geotehnic,
 geolog Ion Cesauanu

FLORIGA I. TOMA
 ROMANIA
 M T C T
 NR.06594
 VERIFICATOR PROIECTE

Data : octombrie 2017

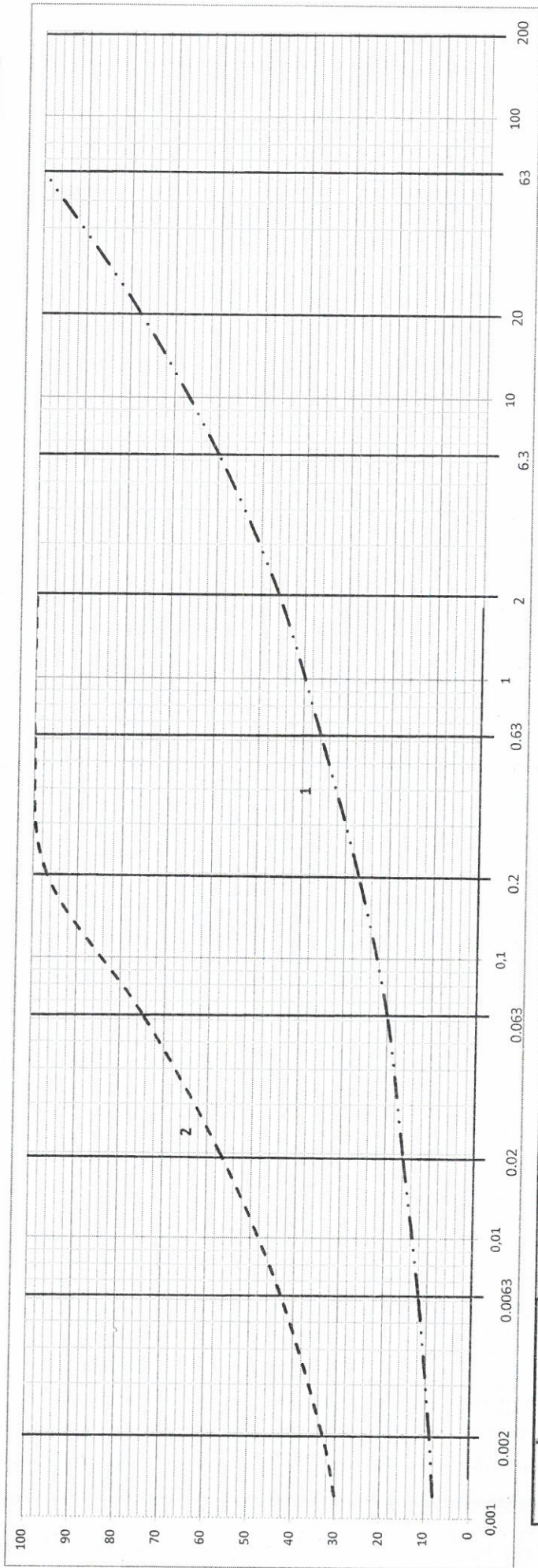
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	525	str. ISLAZULUI
Proba nr.	1	2
Adanc. m	0.18	1.50
Umiditatea W	7.19	17.70

STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	ARGILA Cl		PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)	
	FSi	MSi	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL				
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	
0.002<d<0.0063mm	9	33	0	0	0	0	0	0	0	0	0	0	
0.0063<d<0.02mm	3	10	0	7	22	0	18	0	0	0	0	0	
0.02<d<0.063mm	4	14	0	9	3	0	22	0	0	0	0	0	
0.063<d<0.2mm	4	18	0	10	0	0	0	0	0	0	0	0	
0.2<d<0.63mm	4	18	0	14	0	0	0	0	0	0	0	0	
0.63<d<2mm	0	0	0	0	0	0	0	0	0	0	0	0	
2<d<6.3mm	0	0	0	0	0	0	0	0	0	0	0	0	
6.3<d<20mm	0	0	0	0	0	0	0	0	0	0	0	0	
20<d<63mm	0	0	0	0	0	0	0	0	0	0	0	0	
63<d<200mm	0	0	0	0	0	0	0	0	0	0	0	0	
d>200mm	0	0	0	0	0	0	0	0	0	0	0	0	

TOTAL:	Cl+Si	1	2
Sa	Gr	20	75
		26	25
		54	0

Data : octombrie 2017

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cafeniu galbuie/pl. vartoasa.

Laborant,
 Stancu Cornelia

Sef profil,
 geolog I. Catalin Ceseanu

Responsabil CC,
 Popescu Adrian

Sef laborator geotehnic,
 geolog Ion Ceseanu

ROMANIA
 NR.06594
 FLORICA I. TOMA

ROMANIA
 S.C. ATREIDES
 S.R.L.
 Slatina - Olt

SEF LABORATOR DE ANALIZE SI INCERCARI
 ROMANIA
 Nr. 000086
 Slatina - Olt

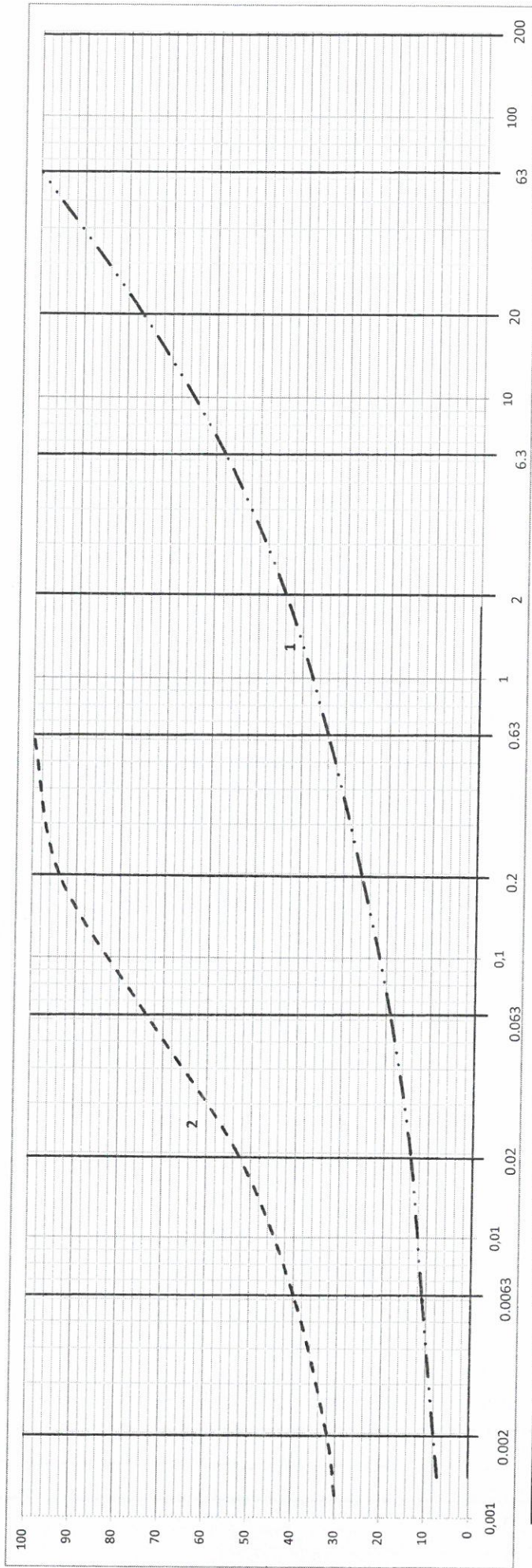
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	526	str. ISLAZULUI
Proba nr.	1	2
Adanc., m	0.17	1.50
Umiditatea W	7.19	17.55

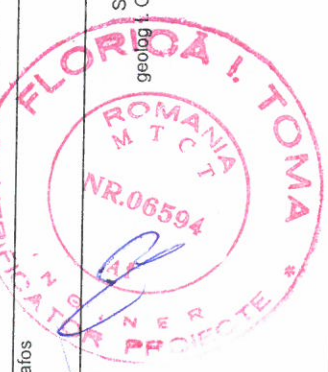
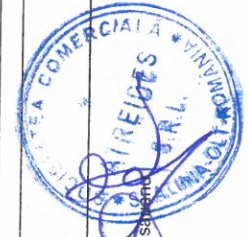
STAS 1913 - 5/85; SR EN 14688-2/2005



Proba nr.	PRAF - SILT				NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	
d < 0.002mm	1	2	0	0	0	0	0	0	0	0	0
0.002 < d < 0.0063mm	8	32	0	0	7	20	0	0	0	0	0
0.0063 < d < 0.02mm	3	8	0	0	8	6	0	0	0	0	0
0.02 < d < 0.063mm	3	13	0	0	10	0	0	0	0	0	0
0.063 < d < 0.2mm	5	21	0	0	14	0	0	0	0	0	0
0.2 < d < 0.63mm	0	0	0	0	0	0	0	0	0	0	0
0.63 < d < 2mm	0	0	0	0	0	0	0	0	0	0	0
2 < d < 6.3mm	0	0	0	0	0	0	0	0	0	0	0
6.3 < d < 20mm	0	0	0	0	0	0	0	0	0	0	0
20 < d < 63mm	0	0	0	0	0	0	0	0	0	0	0
63 < d < 200mm	0	0	0	0	0	0	0	0	0	0	0
d > 200mm	0	0	0	0	0	0	0	0	0	0	0

TOTAL:	CI+SI	1	2
	Sa	19	74
	Gr	23	26
	Gr	56	0

Data : octombrie 2017



Laborant:
Stancu Cornelia

Responsabil CO,
Popescu Stelian

Sef laborator geotehnic,
geolog I. Catalin Cesaian

ISC 102 geolog Ion Cesaianu
 N.00006170

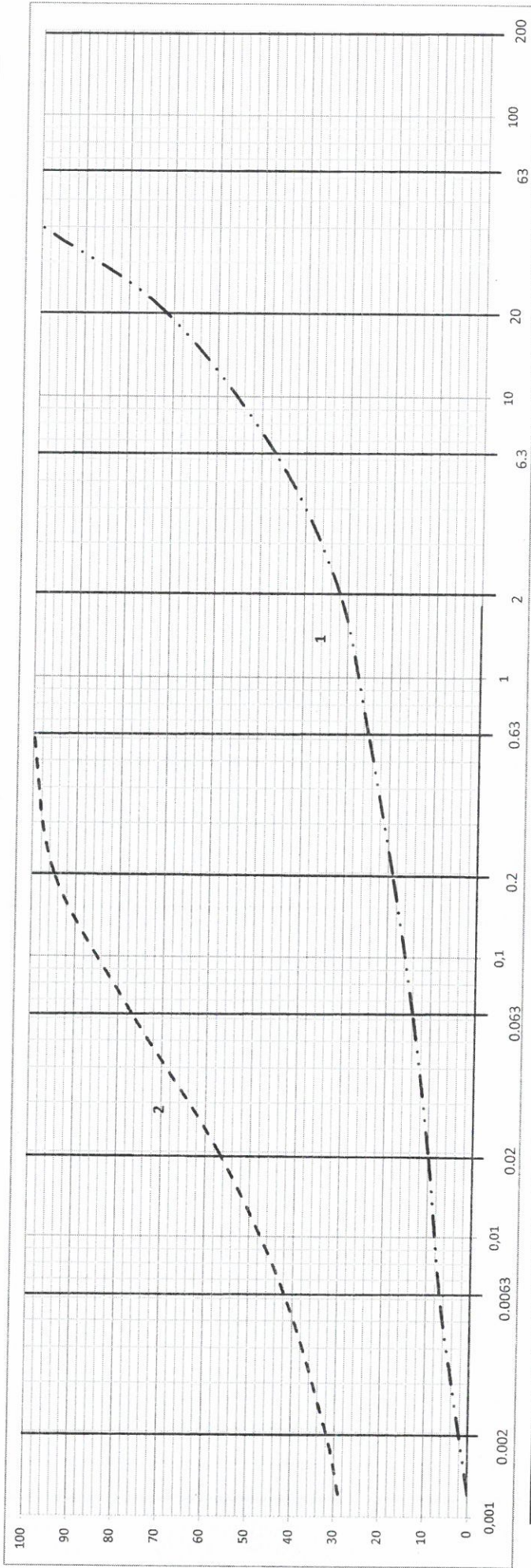
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	527	str. ISLAZULUI	
Proba nr.	1	2	
Adanc. m	0,12	1,50	
Umiditatea W	7,16	17,77	

STAS 1913 - 5/85; SR EN 14688-2/2005



ARGILA CI	PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	

Proba nr.	1	2	0	1	2	0	1	2	0	1	2
d < 0.002mm	4	32	0	5	18	0	0	0	0	2	0
0.002 < d < 0.0063mm	3	10	0	6	5	0	0	0	0	25	0
0.0063 < d < 0.02mm	3	15	0	7	0	0	0	0	0	28	0
0.02 < d < 0.063mm	4	20	0	15	0	0	0	0	0	0	0

TOTAL		CSa	MSa	FSa	Gr	Bo
1	14	14	0	0	0	0
2	77	18	68	0	0	0

Se laborator geotehnic,
 ISC la geolog in Cesauanu
 Nr. 00000111

Responsabil CC,
 Popescu Stelian

Se profil,
 geolog Catalin Cepatanu

Laborant,
 Stancu Cornelia

Data : octombrie 2017

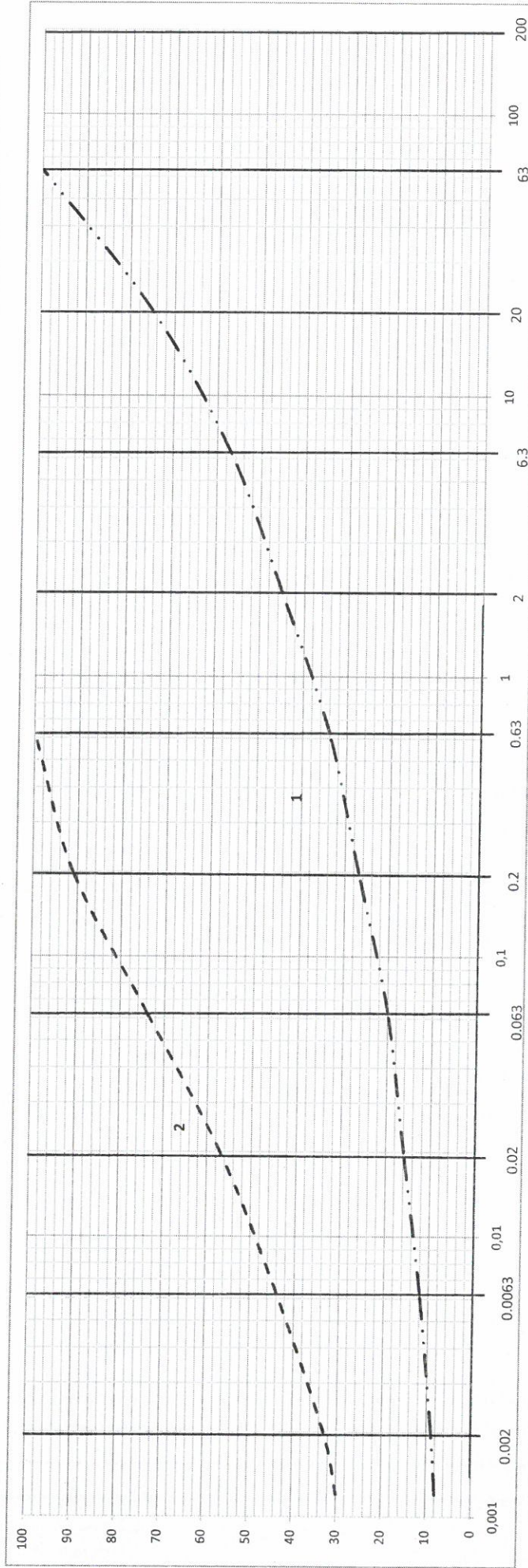
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

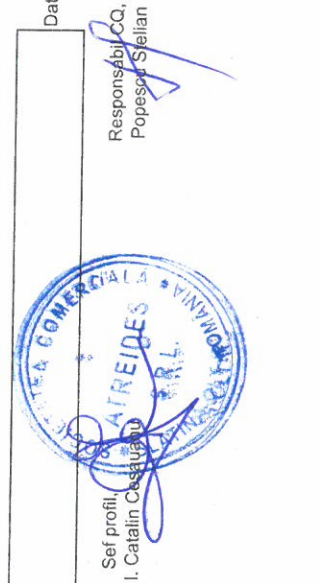
Sondajul	528	str. ORDORESTI
Proba nr.	1	2
Adanc., m	0,12	0,50
Umiditatea W	7,12	17,93



ARGILA CI	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	F5i	MSi	CSi		FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)		FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL		
Proba nr.	1	2	0		1	2	0		1	2	0		
d < 0.002mm	9	33	0 % argila Ci		7	17	0 % nisip fin (FSa)		18	0	0 % pietris mij. (MGr)		
0.002 < d < 0.0063mm	3	11	0 % praf fin (FSi)		7	9	0 % nisip mijl. (MSa)		25	0	0 % pietris mare (CGr)		
0.0063 < d < 0.02mm	4	13	0 % praf mijlociu (MSi)		11	0	0 % nisip mare (CSa)		0	0	0 % bolovanis (Co)		
0.02 < d < 0.063mm	4	17	0 % praf mare (CSi)		12	0	0 % pietris mic (FGr)		0	0			

Proba nr.	6.3 < d < 20mm	20 < d < 63mm	63 < d < 200mm	d > 200mm
1	0	0	0	0
2	18	25	0	0

TOTAL:	CI+SI		Sa		Gr	
	1	2	1	2	1	2
	20	74	25	26	0	0



1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cafeniu galbuie pl. vartoasa

Laborant:
 Stancu Cornelia

Data : octombrie 2017

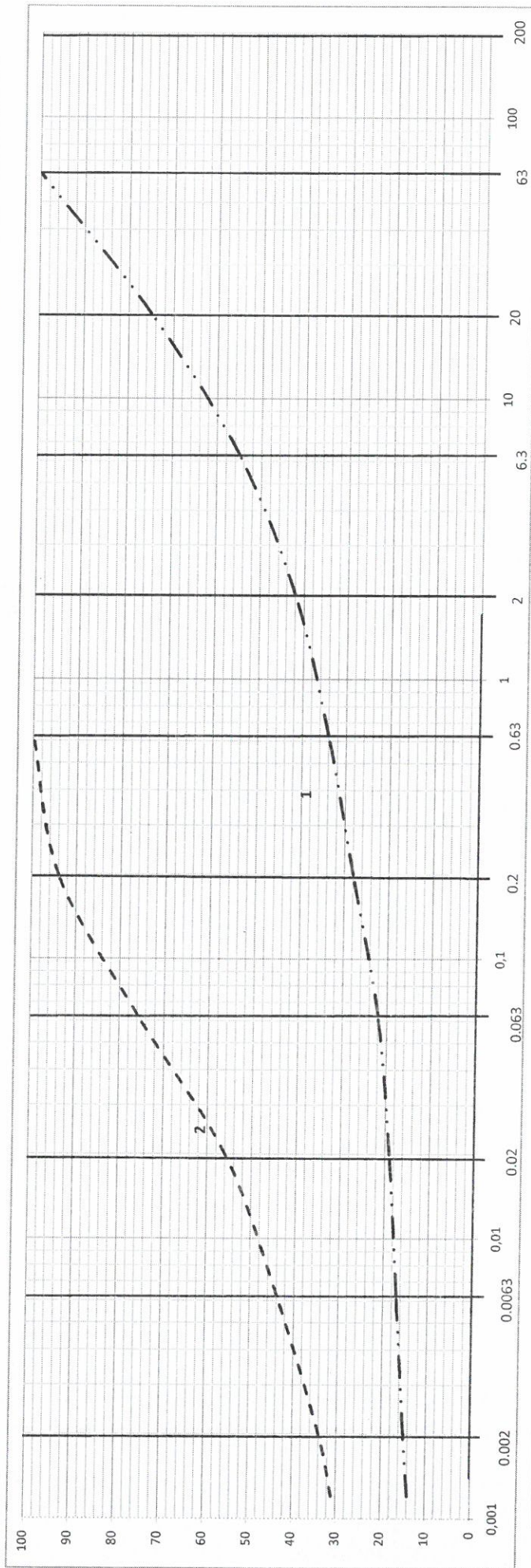
SC. ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/95; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	S29	str. ORDORESTI
Proba nr.	1	2
Adanc., m	0,14	1,50
Umiditatea W	7,03	18,47



Proba nr.	PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSi	MSi	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	
1	15	34	0	6	18	0	0	20	0	0
2	2	10	0	6	6	0	20	25	0	0
3	2	12	0	8	0	0	0	0	0	0
0.002 < d < 0.0063 mm	15	34	0	6	18	0	0	20	0	0
0.0063 < d < 0.02 mm	2	10	0	6	6	0	20	25	0	0
0.02 < d < 0.063 mm	3	20	0	13	0	0	0	0	0	0

Proba nr.	0.063 < d < 0.2 mm	0.2 < d < 0.63 mm	0.63 < d < 2 mm	2 < d < 6.3 mm	6.3 < d < 20 mm	20 < d < 63 mm	63 < d < 200 mm	d > 200 mm
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0

TOTAL:	CI+SI	Sa	MSa	CSa	Gr	Co
1	22	20	58	0	0	0
2	76	24	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos

2. argila prafoasa cafeniu galbuie pl. vartoasa

Laborant,
 Stancu Cornelia

Responsabil CO,
 Popescu Stefan



Data : octombrie 2017

Sef laborator geotehnic,
 geolog Ion Cesaianu
 Nr. 0000670

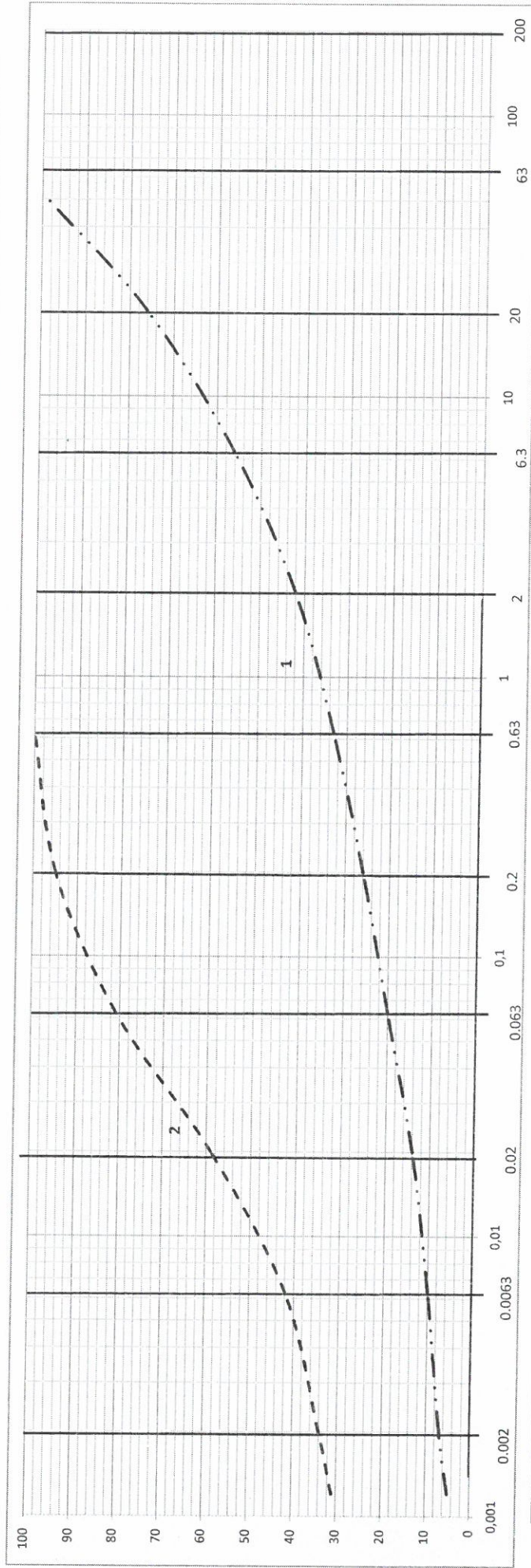
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	530	str. SALTANESTI
Proba nr.	1	2
Adanc., m	0,16	0,50
Umiditatea W	7,35	18,26



Proba nr.	PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	
1	0	0	0	1	2	0	1	2	0	0
2	34	8	0	14	5	0	20	0	0	0
3	17	17	0	7	0	0	24	0	0	0
4	22	0	0	9	0	0	0	0	0	0
6	0	0	0	14	0	0	0	0	0	0

Proba nr.	1		2	
$d < 0.002\text{ mm}$	0	0	0	0
0.002- $d < 0.0063\text{ mm}$	7	34	0	0
0.0063- $d < 0.02\text{ mm}$	3	8	0	0
0.02- $d < 0.063\text{ mm}$	4	17	0	0
0.063- $d < 0.25\text{ mm}$	6	22	0	0
0.25- $d < 0.63\text{ mm}$	0	0	0	0
0.63- $d < 2\text{ mm}$	1	2	0	0
2- $d < 6.3\text{ mm}$	0	0	0	0
6.3- $d < 20\text{ mm}$	0	0	0	0
20- $d < 63\text{ mm}$	0	0	0	0
63- $d < 200\text{ mm}$	0	0	0	0
$d > 200\text{ mm}$	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cenusie negricioasa pl. varpasa

TOTAL:	CI+SI	1	2
Sa	20	20	81
Gr	22	22	19
Gr	58	58	0

Data : octombrie 2017

Laborant,
 Stancu Cornelia

Sef profil,
 geolog I. Catalin Cesau

Responsabil CG,
 Popescu Stefan



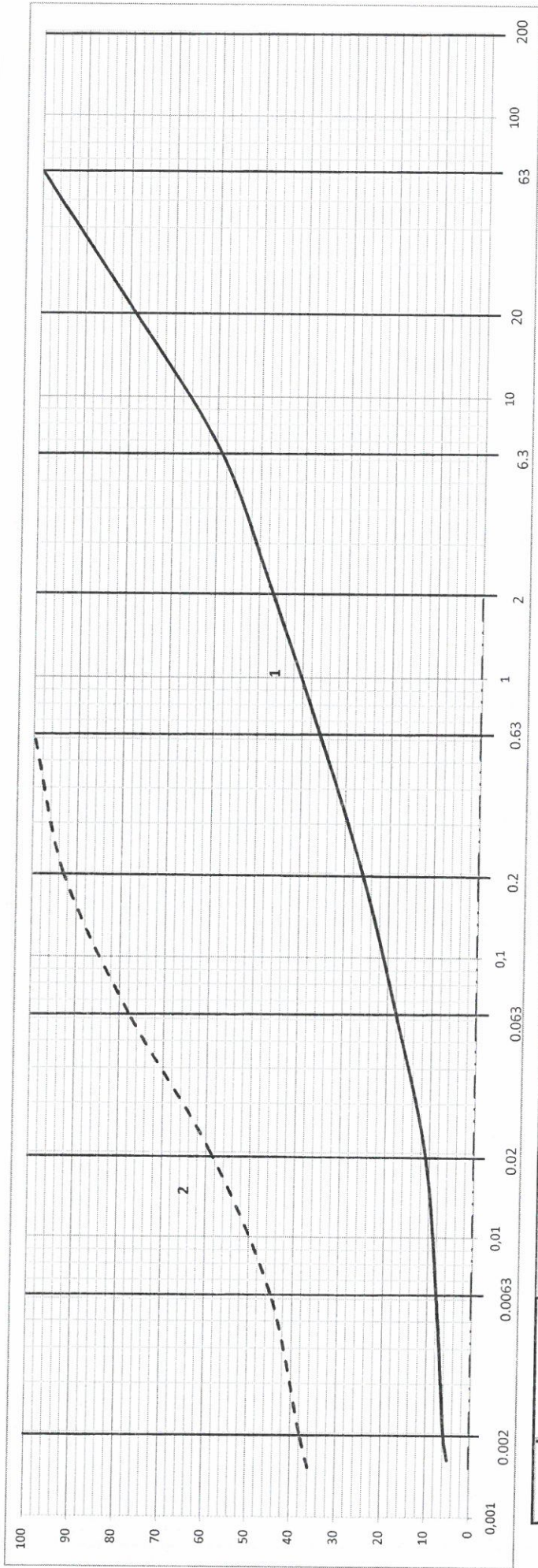
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	f402	str. DC91- MAL STANG
Proba nr.	1	2
Adanc., m	0.15	1.50
Umiditatea W	6.78	19.35



Proba nr.	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSI	MSI	CSI	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL			
d<0.002mm	1	2	0	0	0	0	0	0	0	0	0	0	0
0.002<d<0.0063mm	6	38	0	0	8	15	0	0	0	0	0	0	0
0.0063<d<0.02mm	2	7	0	0	10	7	0	0	0	0	0	0	0
0.02<d<0.063mm	3	14	0	0	11	0	0	0	0	0	0	0	0
	7	19	0	0	12	0	0	0	0	0	0	0	0

Proba nr.	0.063<d<0.2mm	0.2<d<0.63mm	0.63<d<2mm	2<d<6.3mm	6.3<d<20mm	20<d<63mm	63<d<200mm	d>200mm
1	0	0	0	0	0	0	0	0
2	15	7	0	0	0	0	0	0

TOTAL	CS+Si	Sa	Gr	Gr ₂
1	18	29	53	0
2	78	22	0	0

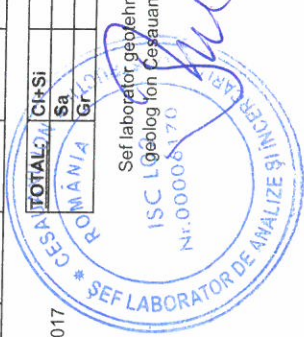
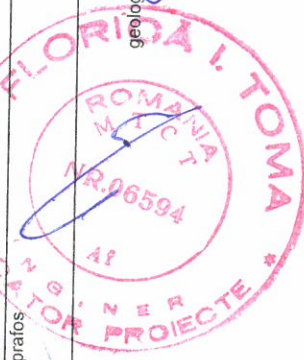
1.pietris mic - mare cu nisip si liant argilos prafos

2.argila prafosa cafenie pl. vartoasa

Laborant:
Stancu Cornelia

Responsabil CD,
Popescu Stefan

Sef profil,
geolog I. Catalin Ciesbanu



Data : octombrie 2017

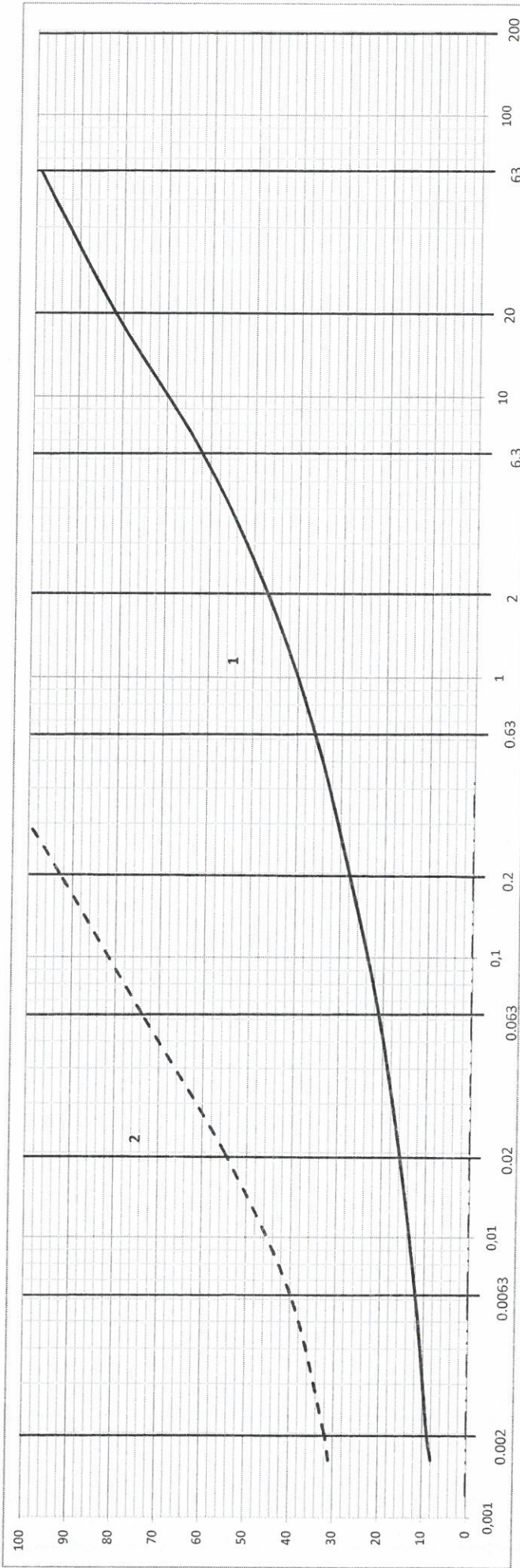
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	F403	str. DC91 - mal stang
Proba nr.	1	2
Adanc., m	0.17	1.50
Umiditatea W	6.78	17.13

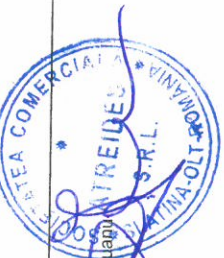


Proba nr.	PRAF - SILT					NISIP - SAND					PIETRIS - GRAVEL					BOLOVANIS (COBBLES)		
	FSI	MSI	CSI	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL									
1	32	0	0	7	19	0	0	0	0	0	0	0	0	0	0	0	0	0
2	32	0	0	7	19	0	0	0	0	0	0	0	0	0	0	0	0	0
3	32	0	0	7	19	0	0	0	0	0	0	0	0	0	0	0	0	0
4	15	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	19	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Proba nr.	0.063 < d < 0.2 mm	0.2 < d < 0.63 mm	0.63 < d < 2 mm	2 < d < 6.3 mm	6.3 < d < 20 mm	20 < d < 63 mm	63 < d < 200 mm	d > 200 mm
1	7	8	11	15	0	0	0	0
2	7	8	11	15	0	0	0	0
3	7	8	11	15	0	0	0	0
4	11	0	0	0	0	0	0	0
5	15	0	0	0	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa cafenie pl. vartogasa

TOTAL: CHSI	21	74	0
Sa	26	26	0
Gr	52	0	0



Responsabil CC
 Popescu Stefan
 Seftin, geolog I. Catalin Cestelaru



Laborant,
 Stancu Cornelia

Data : octombrie 2017

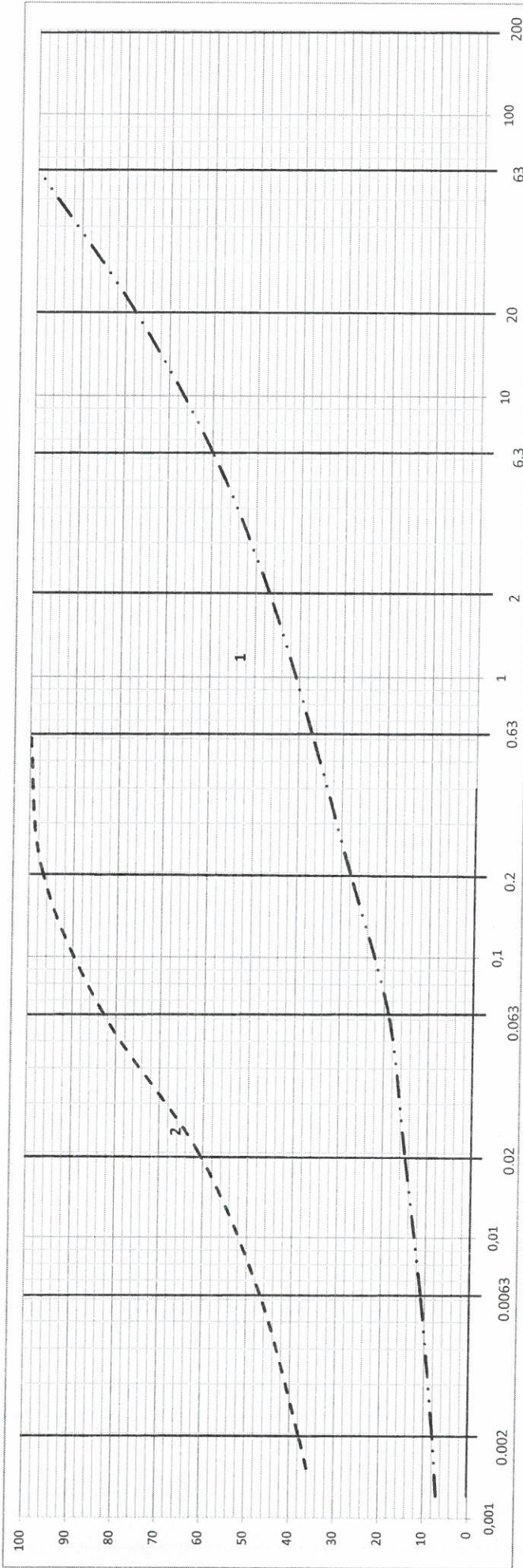
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M. Eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	F405	str. SIMIONIDI
Proba nr.	1	2
Adanc., m	0.14	1.50
Umiditatea W	7.18	19.88



Proba nr.	PRAF - SILT				NISIP - SAND				PIETRIS - GRAVEL				BOLOVANIS (COBBLES)
	FSI	MSi	CSi	CSa	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	BOLOVANIS (COBBLES)		
1	2	0	0	0	9	2	0	1	1	2	0	0	
2	38	0	0	0	14	14	0	18	18	0	0	0	
0.002-d<0.0063mm	3	9	0	0	9	3	0	20	22	0	0	0	
0.0063-d<0.02mm	4	14	0	0	10	0	0	83	0	0	0	0	
0.02-d<0.063mm	4	22	0	0	13	0	0	0	0	0	0	0	

Proba nr.	0.063-d<0.2mm	0.2-d<0.63mm	0.63-d<2mm	2-d<6.3mm
1	0	0	0	0
2	14	3	0	0
0.063-d<0.2mm	18	0	0	0
0.2-d<0.63mm	22	0	0	0
0.63-d<2mm	0	0	0	0
2-d<6.3mm	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos

2. argila prafoasa galbena pl. varfoasa

TOTAL:	CI+SI	SA	Gr
1	19	28	53
2	83	17	0
0	0	0	0

Data : octombrie 2017

Laborant,
Stancu Cornelia

Sef profil,
geolog I. Catalin Cesaru

Responsabil OO,
Popescu Stefan



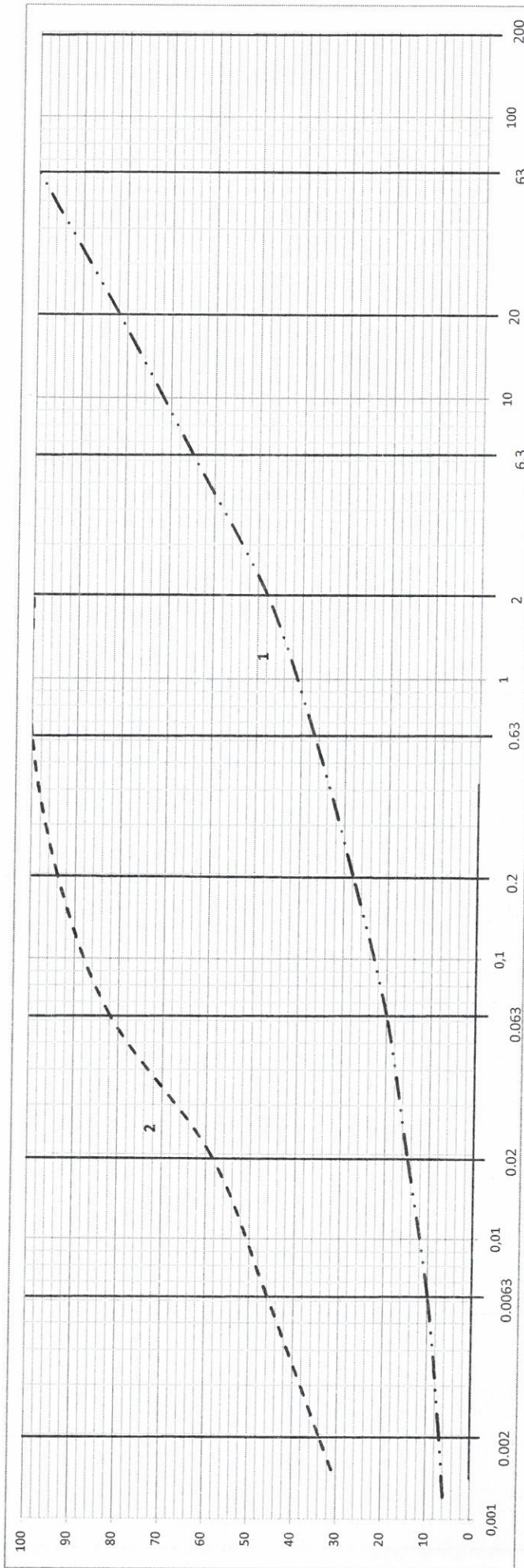
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	F407	str. ISLAZULUI I
Proba nr.	1	2
Adanc., m	0.15	1.50
Umiditatea W	7.29	18.25



ARGILA Cl	PRAF - SILT					NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)				
	FSI	MSI	CSI	FSa	MSa	CSa	FSa	MSa	CSa	FSa	MSa		CSa			
Proba nr.	1	2	0	1	2	0	1	2	0	1	2	0	1	2	0	
d<0.002mm	7	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-d<0.0063mm	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.0063-d<0.02mm	5	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.02-d<0.063mm	5	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Proba nr.	6.3-d<20mm	20-d<63mm	63-d<200mm	d>200mm
1	17	18	0	0
2	0	0	0	0

TOTAL:	CI+SI		Sa		Gr		BOLOVANIS	
	1	2	1	2	1	2	1	2
0.002-d<0.063mm	20	28	28	18	0	0	0	0
0.063-d<0.2mm	0	0	0	0	0	0	0	0
0.2-d<0.63mm	0	0	0	0	0	0	0	0
0.63-d<2mm	0	0	0	0	0	0	0	0
2-d<6.3mm	0	0	0	0	0	0	0	0
6.3-d<20mm	17	18	0	0	0	0	0	0
20-d<63mm	18	0	0	0	0	0	0	0
63-d<200mm	0	0	0	0	0	0	0	0
d>200mm	0	0	0	0	0	0	0	0

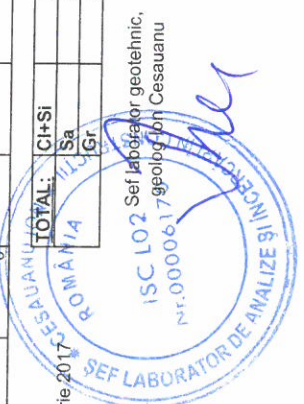
1. pietris mic - mare cu nisip si liant argilos prafos

2. argila prafosa cafenie pl. vartogasa

Laborant,
Stancu Cornelia



Responsabil CO,
Popescu Stefan



Data : octombrie 2017

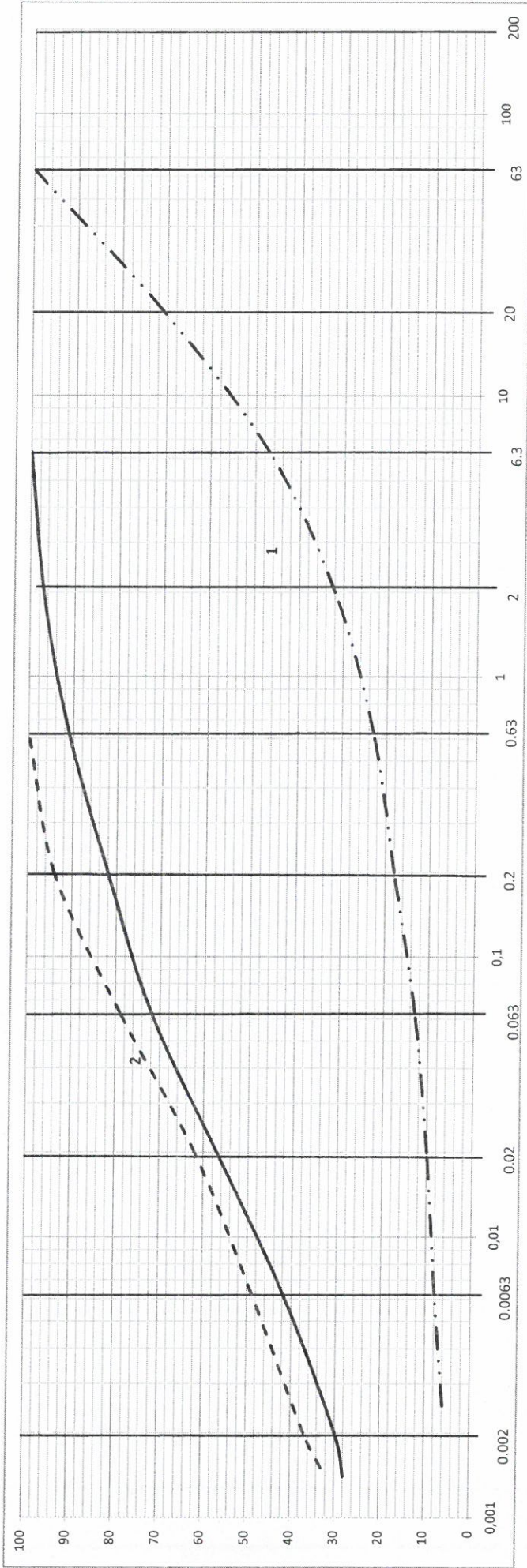
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	F406	str. RUSCA
Proba nr.	1	2
Adanc., m	0.12	1.00
Umiditatea W	7.18	19.35
		16.77



Proba nr.	ARGILA CI			PRAF - SILT			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSi	MSi	CSi	FINE SAND (Sa)	MEDIUM SAND (MSa)	COARSE SAND (CSa)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL				
1	6	37	30	5	15	10	3	24	0	0	0	0	0
2	12	12	12	5	6	9	3	29	0	0	0	0	0
3	17	15	15	9	0	6	3	0	0	0	0	0	0

Proba nr.	0.063 < d < 0.2 mm	0.2 < d < 0.63 mm	0.63 < d < 2 mm	2 < d < 6.3 mm	6.3 < d < 20 mm	20 < d < 63 mm	63 < d < 200 mm	d > 200 mm
1	3	30	30	15	10	9	6	3
2	3	12	12	6	9	20	29	0
3	3	15	15	0	3	6	3	0

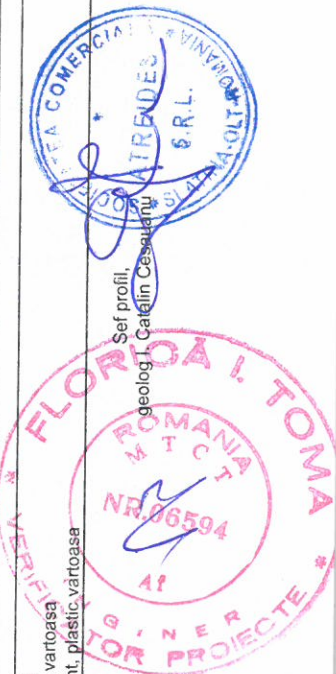
TOTAL:	CSi+Si	MSa	CSa	FSa	FG	Gr	Bo
1	13	19	68	0	0	0	0
2	79	21	0	0	0	0	0
3	72	25	3	0	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos
 2. argila prafoasa catenii galbuie cu carbonati, pl. varoasa
 3. argila prafoasa brun roscata cu rar pietris marunt, plastic vartoasa

Laborant,
 Stancu Cornelia

Sef profil,
 geolog I. Catalin Cescu

Responsabil CO,
 Popescu Stefan



Data : octombrie 2017

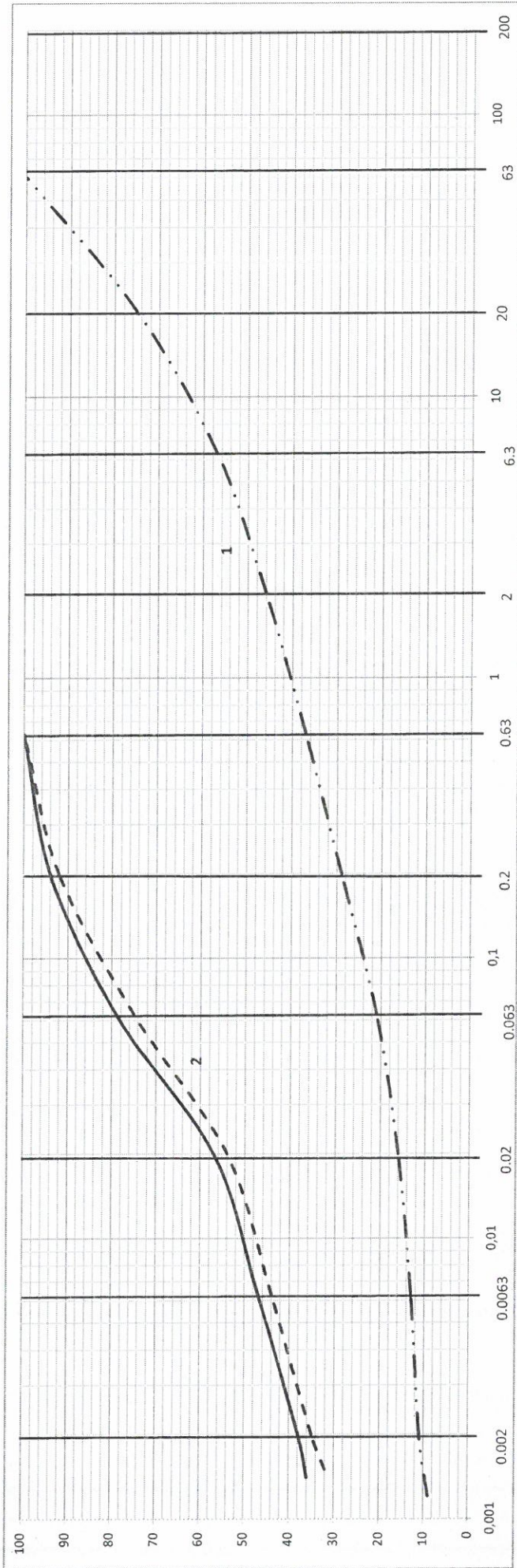
SC ATREIDES SRL, Labor. Geoteh gr. II
 Autorizatia 2410/2015
 J 28 / 705 / 1994; CUI RO 6083650
 Slatina, str. M eminescu 57, jud. OLT
 Tel. 0735770677; 0736394182; 0726694446
 email: atreides1994@yahoo.com

DIAGRAMA DISTRIBUTIEI GRANULOMETRICE
 RAPORT DE INCERCARE PENTRU DETERMINAREA GRANULOMETRIEI

STAS 1913 - 5/85; SR EN 14688-2/2005

OBIECTIV: MODERNIZAREA INFRASTRUCTURII RUTIERE DE INTERES
 LOCAL IN COMUNA BREBENI, JUD OLT

Sondajul	408 str. SALTANESTI		
Proba nr.	1	2	3
Adanc., m	0.18	1.00	3.00
Umiditatea W	7.18	18.39	19.34



Proba nr.	ARGILA CI			NISIP - SAND			PIETRIS - GRAVEL			BOLOVANIS (COBBLES)
	FSI	MSI	CSI	FINE SAND (Ss)	MEDIUM SAND (MSs)	COARSE SAND (CSs)	FINE GRAVEL	MEDIUM GRAVEL	COARSE GRAVEL	
1	11	35	38	8	17	15	18	0	0	0
2	9	9	9	8	8	6	25	0	0	0
3	10	10	10	9	0	0	0	0	0	0
5	21	21	22	11	0	0	0	0	0	0

Proba nr.	1	2	3
d<0.002mm	11	35	38
0.002<d<0.0063mm	9	9	9
0.0063<d<0.02mm	3	10	10
0.02<d<0.063mm	5	21	22
0.063<d<0.2mm	8	8	8
0.2<d<0.63mm	8	0	0
0.63<d<2mm	9	0	0
2<d<6.3mm	11	0	0
6.3<d<20mm	18	0	0
20<d<63mm	25	0	0
63<d<200mm	0	0	0
d>200mm	0	0	0

1. pietris mic - mare cu nisip si liant argilos prafos

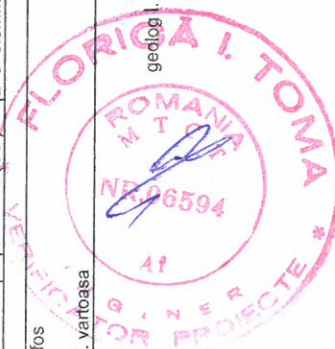
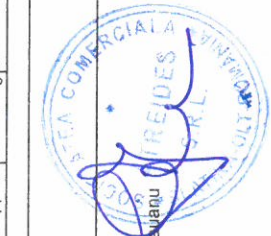
2.3. argila prafoasa brun roscata cu carbonatipi, varfoasa

TOTAL:	4	4	4
CSi	21	75	79
Sa	25	25	21
Gs	54	0	0

Data : octombrie 2017

Laborant,
Stancu Cornelia

Responsabil CC,
Popescu Stefan



LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
DC 91 mal stang

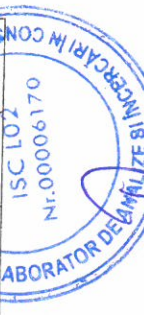
Sondajul: S1
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 12500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 $h = 20$ mm

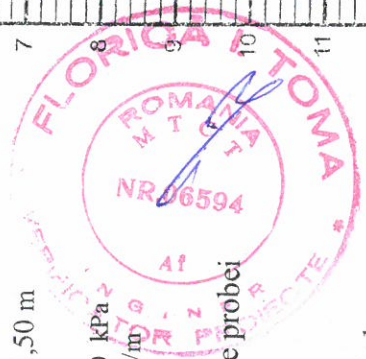
Modul de lucru

	Natural	Initial	Final
W%			
γ %			
n%			



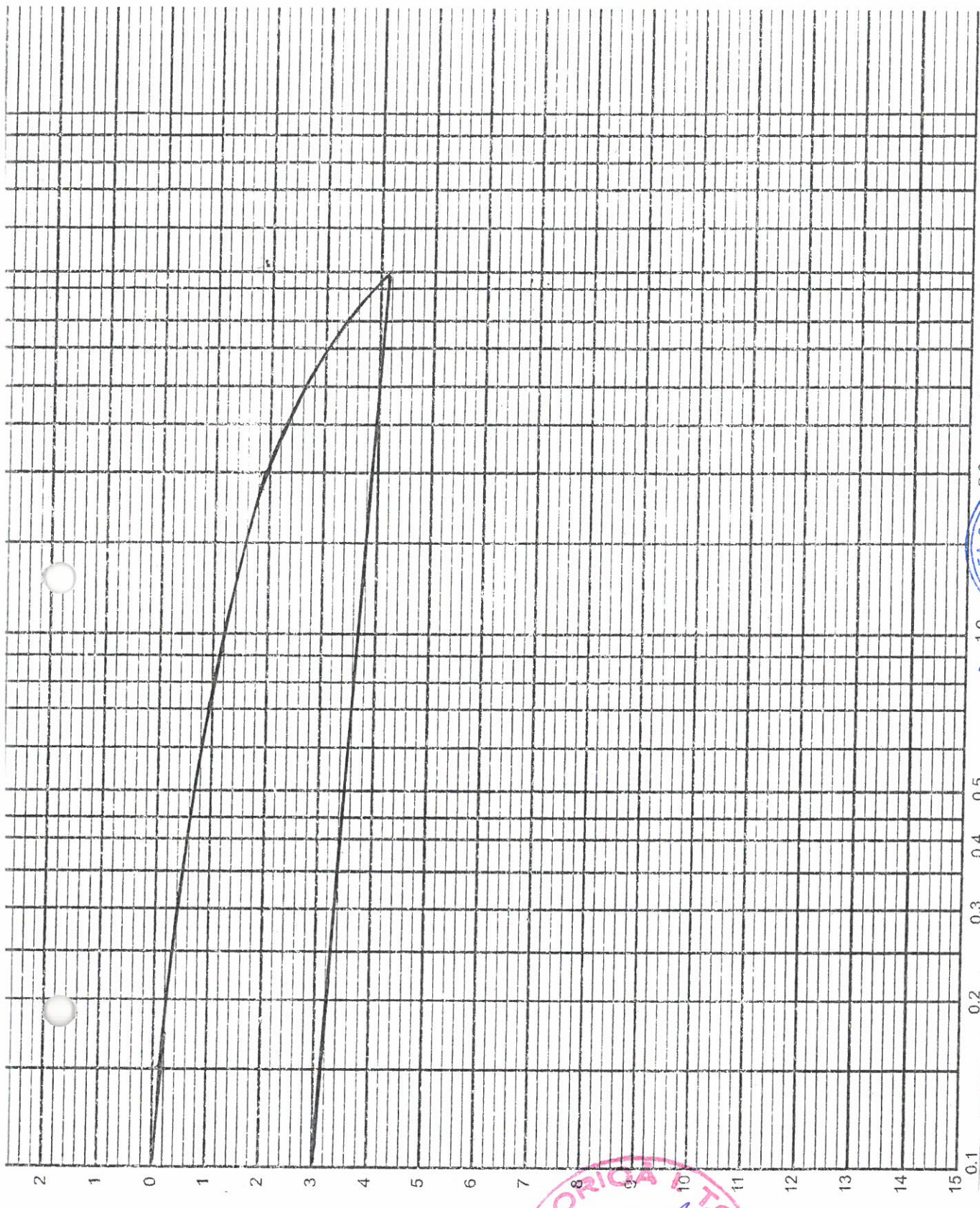
SEF LABORATOR,
 Geolog Ion Cesariu

RESPONSABIL CO,
 Sing. Stelian Popescu



Ing. Catalin Cesariu

LABORANT,
 Cornelia Stancu



Presiuni daN/cm

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Florilor est-vest

Sondajul: S3
 Proba: 2
 Adancimea: 1,50 m

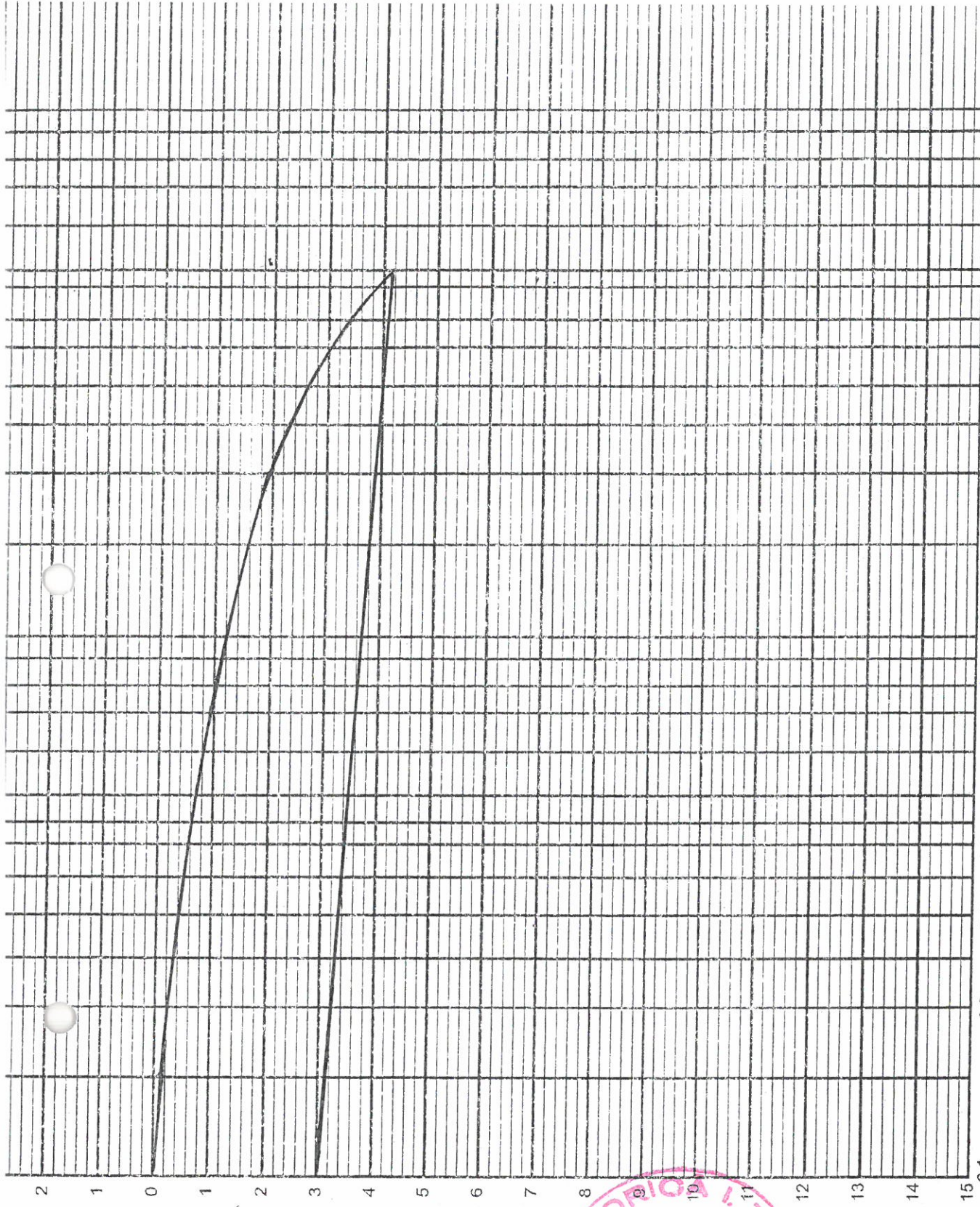
M2-3 = 12 500 kPa
 ep. 2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm

h = 20 mm

Modul de lucru

Natural	Initial	Final
W%		
γ %		
n%		



Presiuni daN/cm



Ing. Catalin Cesariu
 SEF PROFIL
 LABORANT,
 Cornelia Stancu

RESPONSABIL CO.
 Sing. Stelian Popescu



Geolog Ion Cesariu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOI'TA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Florilor est- vest

Sondajul: S4
 Proba: 2
 Adancimea: 1,50 m

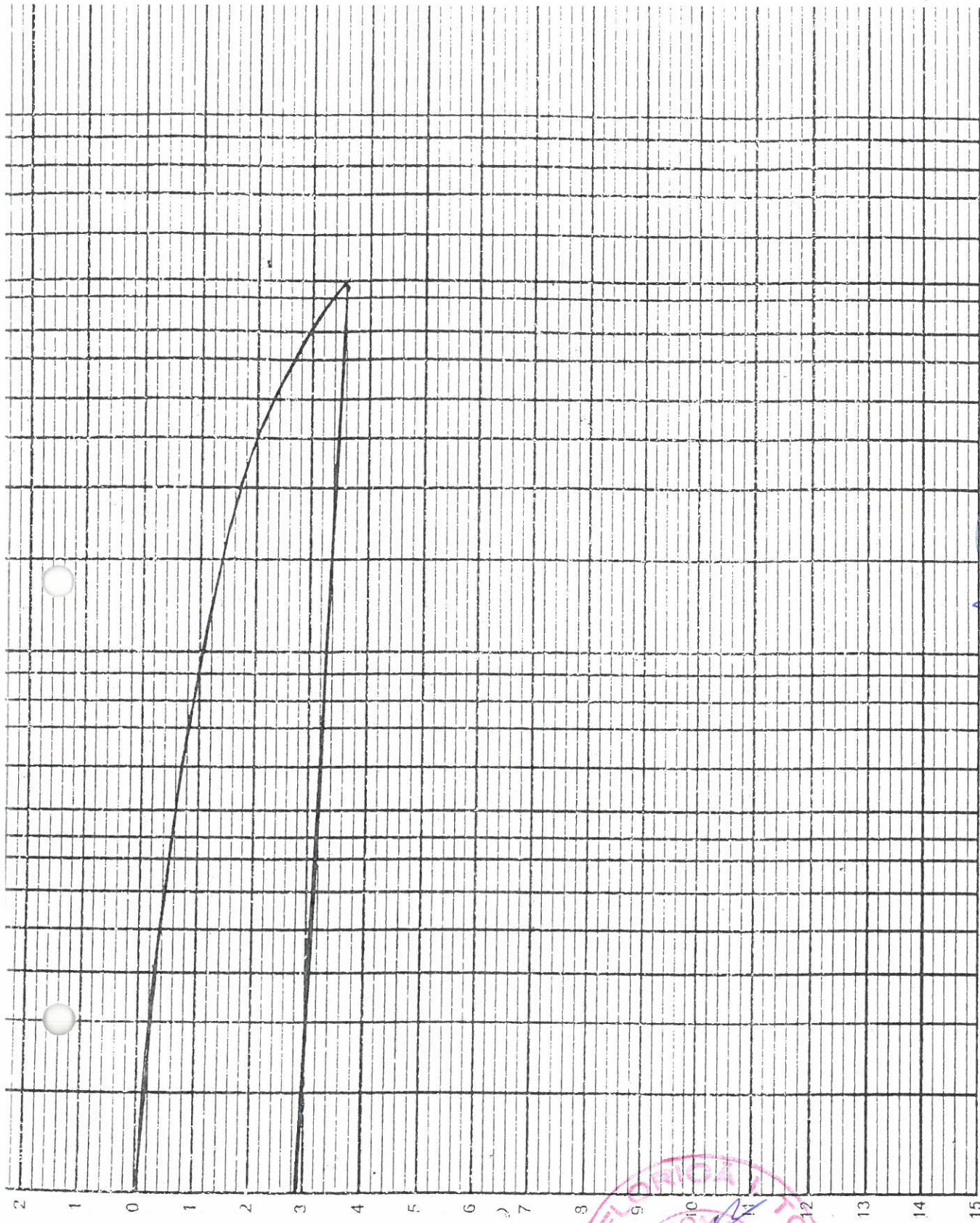
M2-3 = 14 300 kPa
 ep.2 = 1.65 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70 \text{ mm}$

$h = 20 \text{ mm}$

Modul de lucru

Natural	Initial	Final
W%		
γ %		
n%		

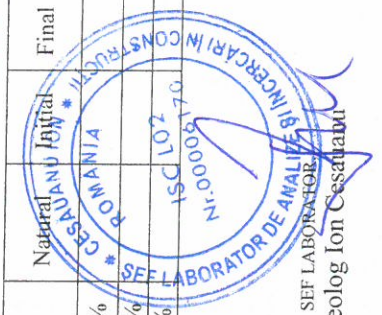
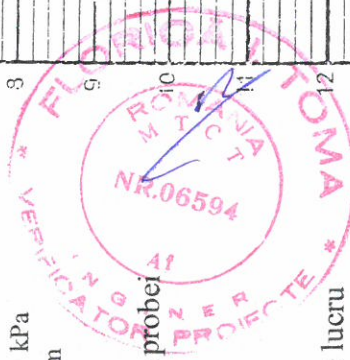


SEF LABORATOR
 Geolog Ion Cesariu

RESPONSABIL CO.
 Sing. Stelian Popescu

SEF PROIECT
 Ing. Catalin Cesariu

LABORANT.
 Cornelia Stancu



LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOI'A: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Florilor nord - sud

Sondajul: S6
 Proba:2
 Adancimea: 1,50 m

M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm

h = 20 mm

Modul de lucru

W%	
γ %	ISC 102
n%	Nr.00006170



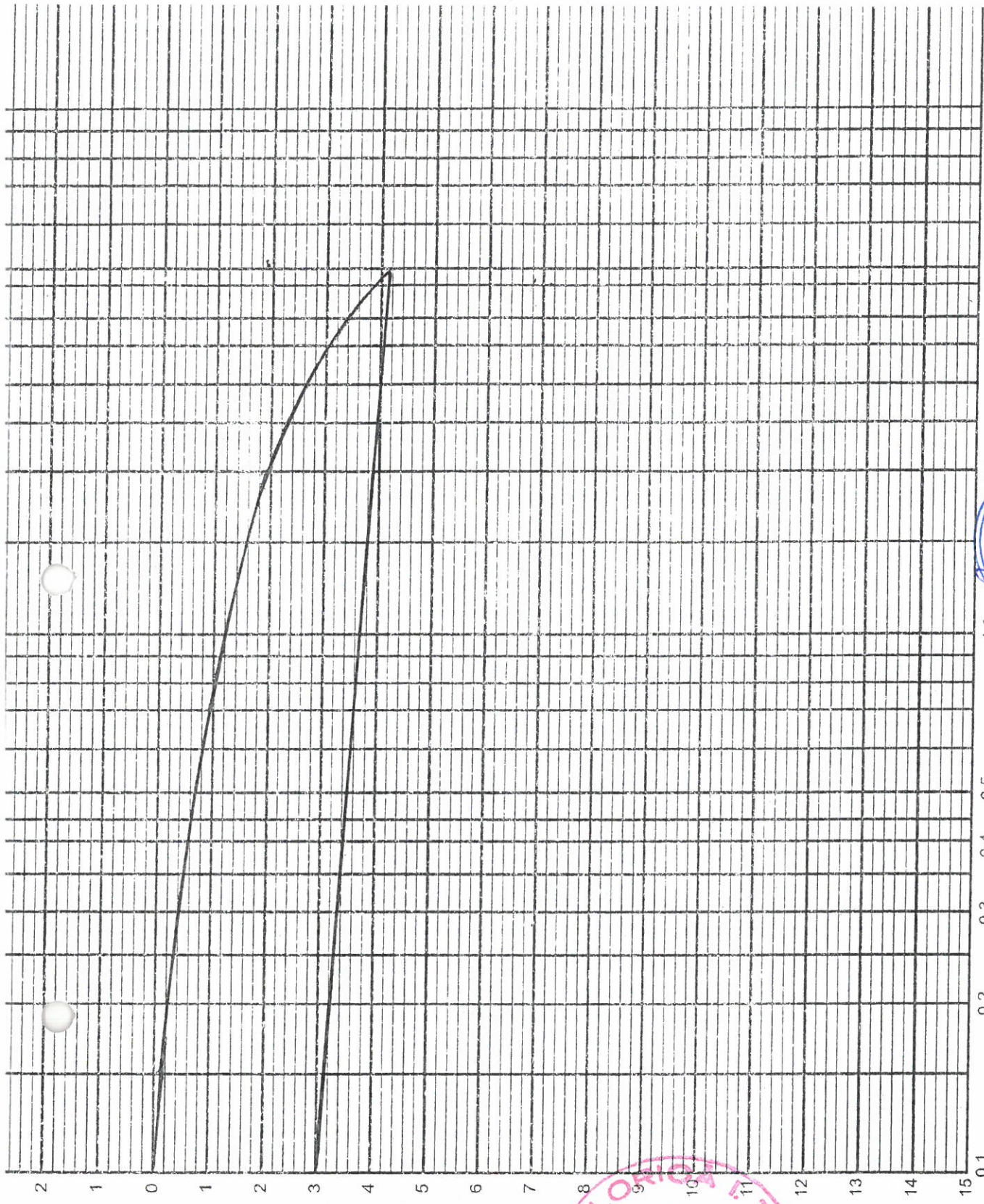
SEF LABORATOR
 Geolog Ion Cesaşu

RESPONSABIL
 Sing. Stelian Popescu



SEF PROFIL
 Ing. Catalin Cesaşu

LABORANT
 Cornelia Stancu



Prestimi daN/cm

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

**LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT**

**BENEFICIAR:
 COMUNA BREBENI
 DC91 mal stang**

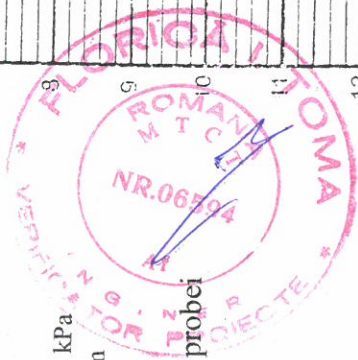
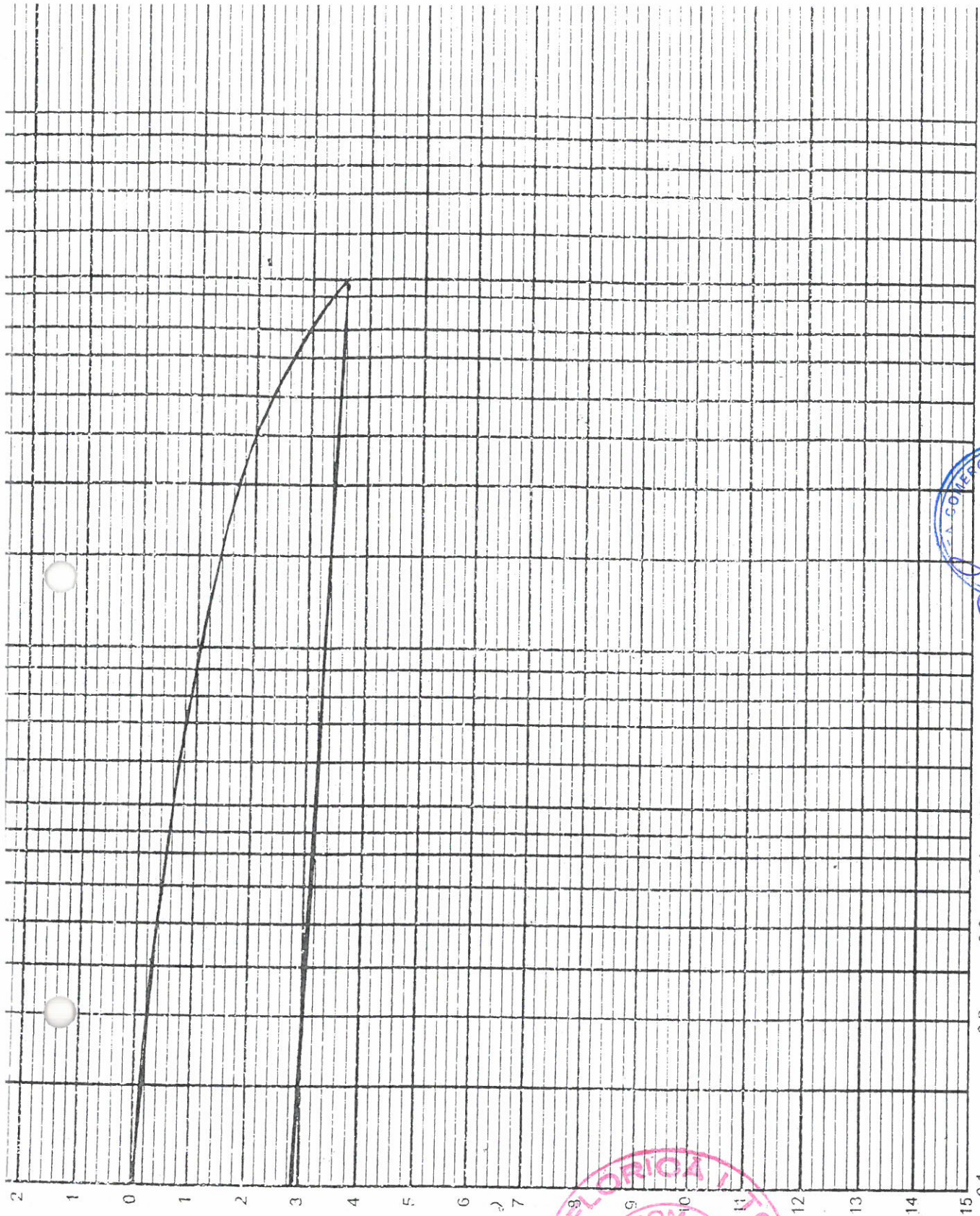
Sondajul: S8
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 14 300 kPa
 ep.2 = 1.65 cm/m

**OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm**

Modul de lucru

Natural	Final
W%	
γ %	
n%	



RESPONSABIL
 Sing. Stelian Popescu

SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT,
 Cornelia Stancu

SEF LABORATOR
 Geolog Ion Cesauanu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal stang

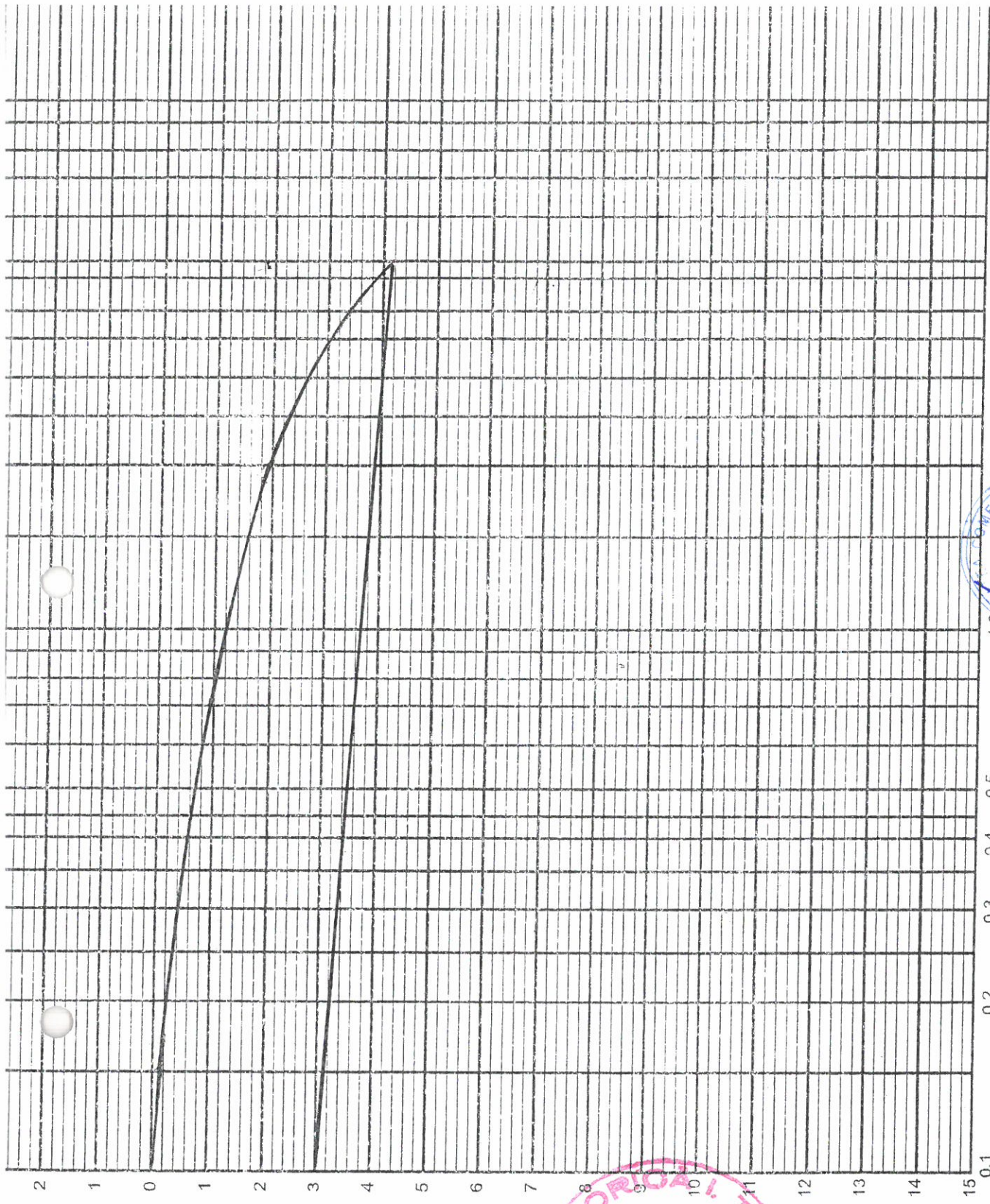
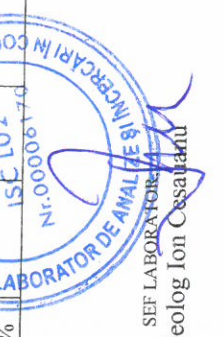
Sondajul: S9
 Proba: 2
 Adancimea: 1,50 m

M₂₋₃ = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 φ = 70 mm
 h = 20 mm

Modul de lucru

Natural	ambijig	Final
W%		
γ%		
n%		



Prestuni daN/cm

RESPONSABIL TO.
 Sing. Stelian Popescu

SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT,
 Cornelia Stancu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal drept

Sondajul: S11
 Proba:2
 Adancimea: 1,50 m

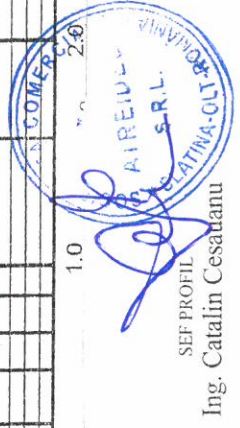
M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

W/%	Final
γ %	Initial
n%	Final
ISC 102 Nr.00006170	

Presiuni daN/cm

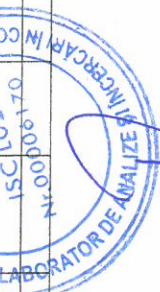


RESPONSABILITATE
 Sing. Stelian Popescu

Ing. Catalin Cesatanu
 SEF PROFIL
 LABORANT,
 Cornelia Stancu



SEF LABORATOR
 Geolog Ion Cesatanu



LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal drept

Sondajul: S13
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm

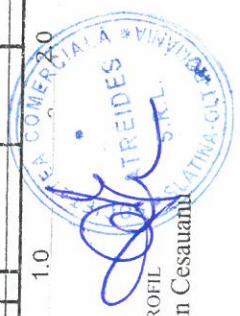
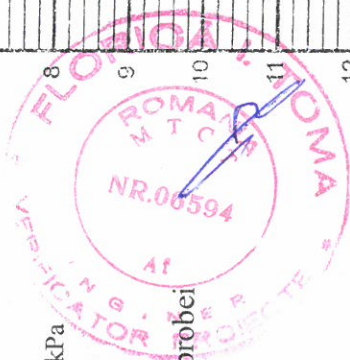
h = 20 mm

Modul de lucru

Natural	Initial	Final
ROMANIA		
W%		
γ %	ISC 02	
n%	0000170	

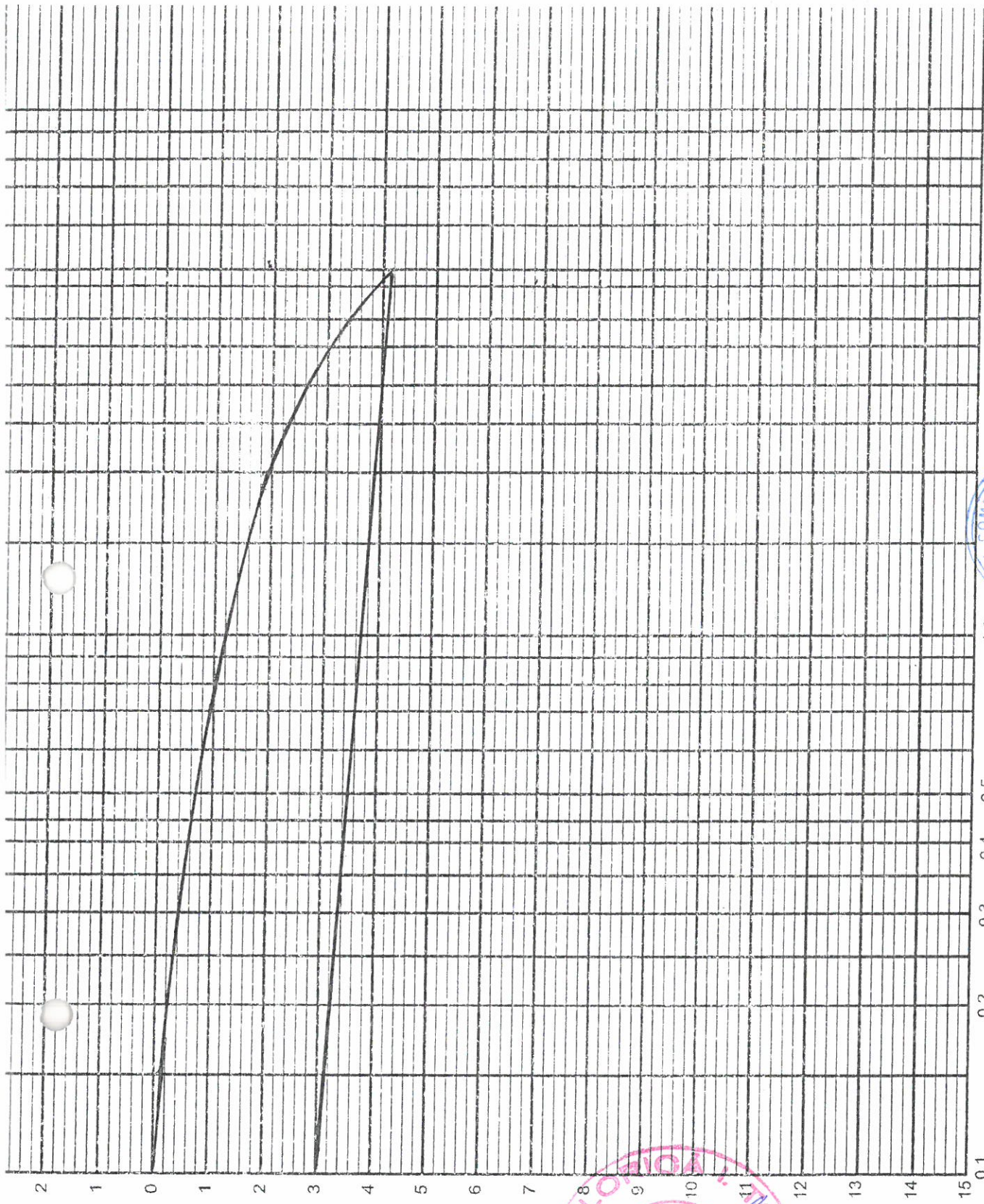
SEF LABORATOR
 Geolog Ion Cesariu

RESPONSABIL
 Sing. Stelian Popescu



SEF PROFIL
 Ing. Catalin Cesariu

LABORANT,
 Cornelia Stancu



Presiuni daN/cm

10.0

5.0

2.0

1.0

0.5

0.4

0.3

0.2

0.1

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
 Str. Rusca

Sondajul: S15
 Proba: 2
 Adancimea: 1,50 m

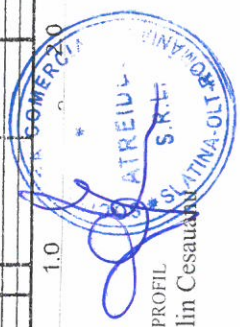
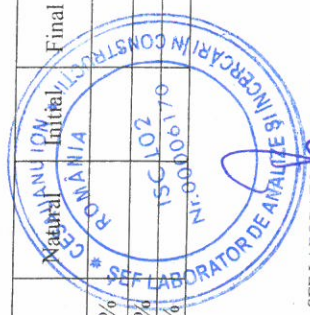
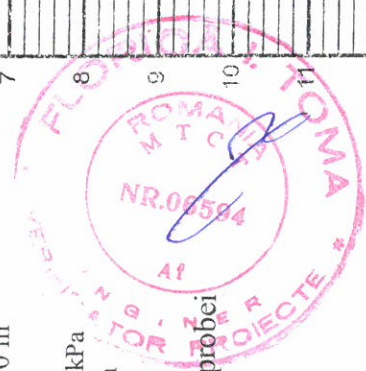
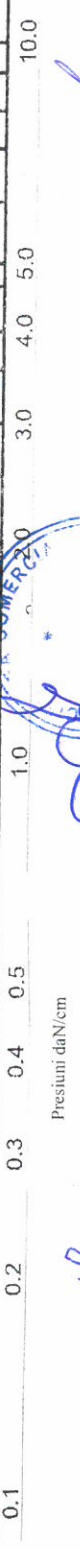
M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm

h = 20 mm

Modul de lucru

W%	Initial	Final
γ %		
n%		



RESPONSABIL CO.
 Sing. Stelian Popescu

LABORANT,
 Cornelia Stancu

S.E. LABORATOR
 Geolog Ion Cesuaniu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Crinului

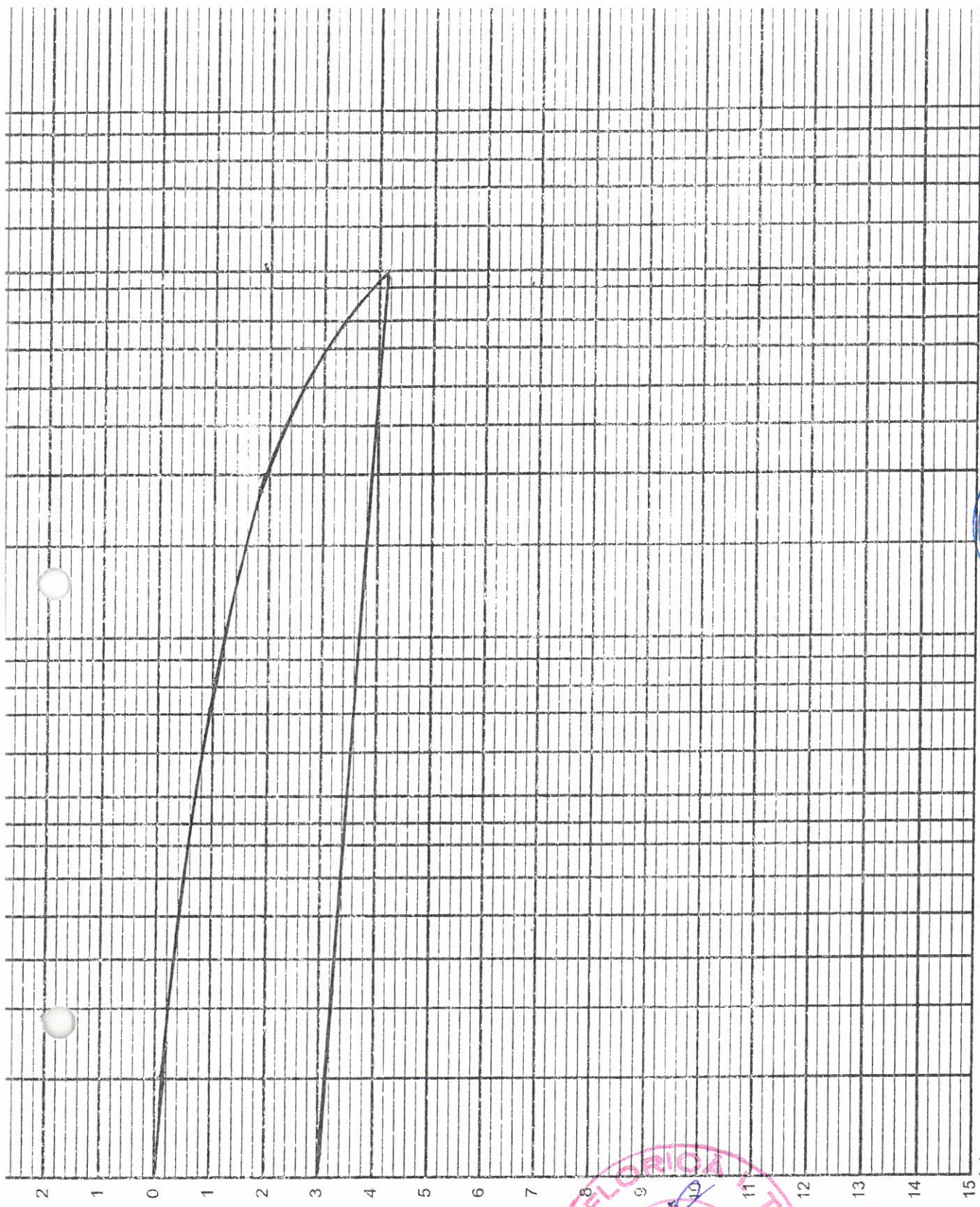
Sondajul: S17
 Proba: 2
 Adancimea: 1,50 m

M₂₋₃ = 12 500 kPa
 ep.2 = 1.90 cm/m

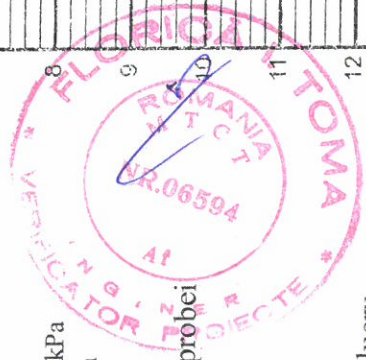
OBSERVATII
 Dimensiunile probei
 φ = 70 mm
 h = 20 mm

Modul de lucru

	Natural	Initial	Final
W%			
γ%			
n%			



Prestuni daN/cm



RESPONSABIL CO
 Sing. Stelian Popescu

LABORANT,
 Cornelia Stancu

SEF LABORATOR
 Geolog Ion Cesariu

SEF PROFIL
 Ing. Catalin Cesariu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOIATA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Simionidi

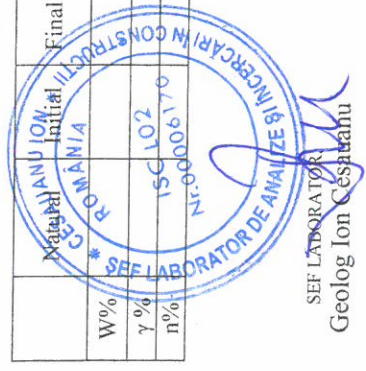
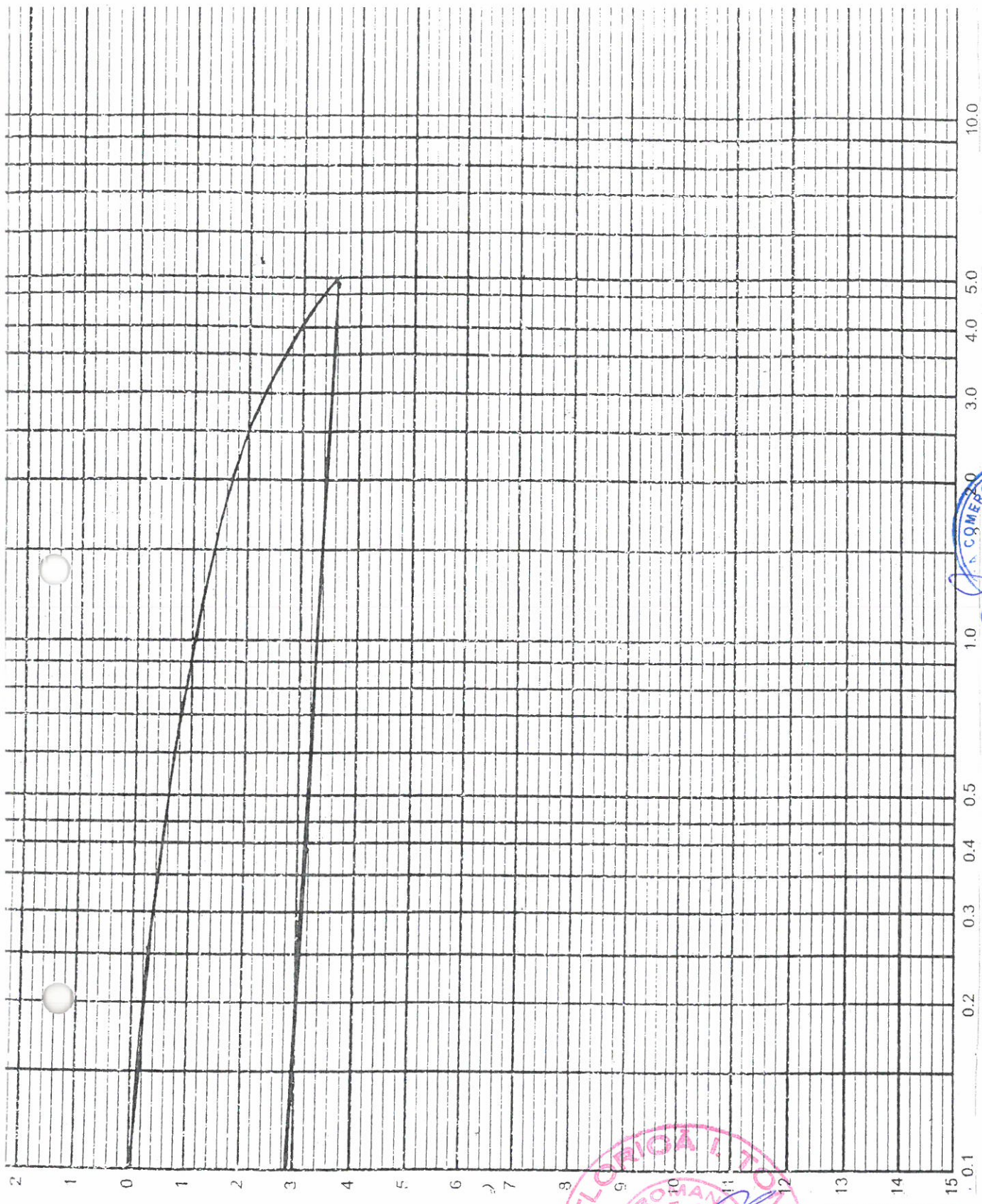
Sondajul: S19
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 14 300 kPa
 ep.2 = 1.65 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

Material	Initial	Final
W%		
γ %		
n%		



RESPONSABIL CO.
 Sing. Stelian Popescu



LABORANT.
 Cornelia Stancu

SEF LABORATOR
 Geolog Ion Cestanu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Principala

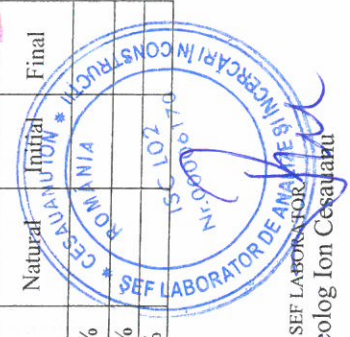
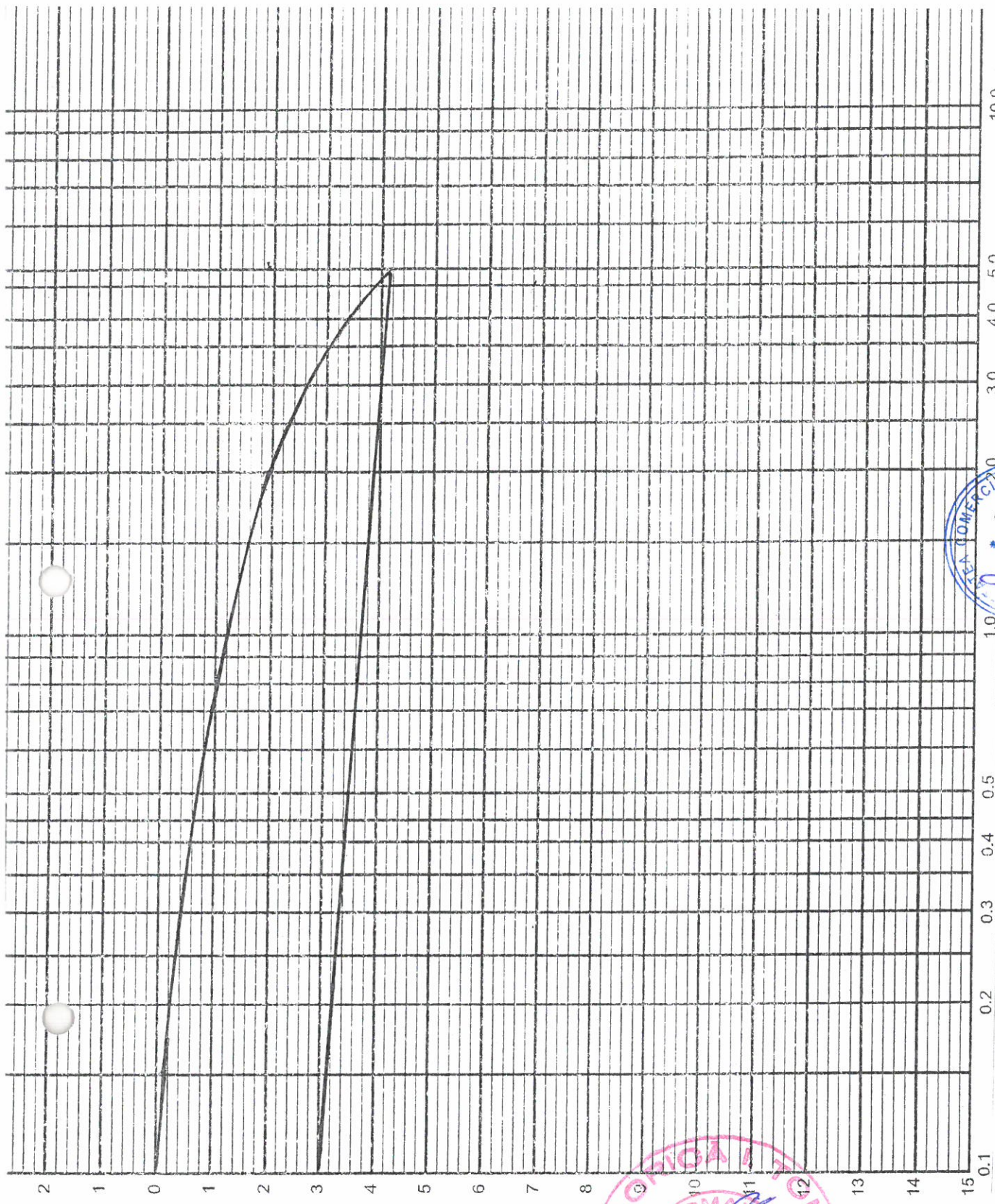
Sondajul: S21
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATI
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

	Natural	Initial	Final
W%			
γ %			
n%			



Presiuni daN/cm

RESPONSABIL CO.
 Sing. Stelian Popescu

SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT,
 Cornelia Stancu

SEF LABORATOR
 Geolog Ion Cesauanu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Principala

Sondajul: S22
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

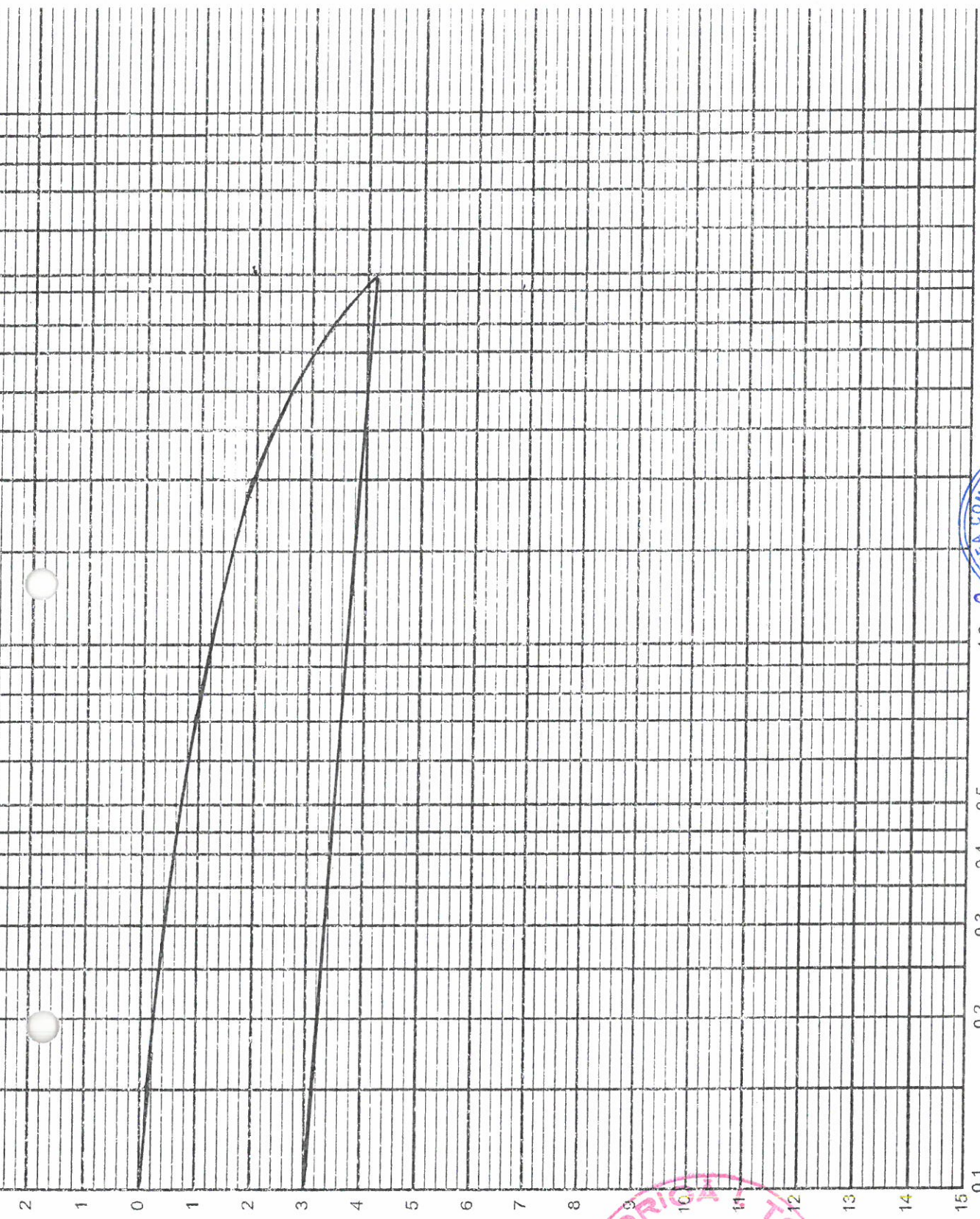
Natural	Final
* ROMANIA * ILCEA	
* ROMANIA * ILCEA	
15C LO2	
Nr.00066170	

RESPONSABIL CO.
 Sing. Stelian Popescu

SEF LABORATOR
 Geolog Ion Cesaşanu

SEF PROFIL
 Ing. Catalin Cesaşanu

LABORANT,
 Cornelia Stancu



FLORINA TOMA
 ROMANIA
 NR.06594
 VERIFICATOR PROIECTE

SEF LABORATOR DE ANALIZE SI INCERCARI IN CONSTRUCTII
 ROMANIA
 ILCEA
 Nr.00066170

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str Islazului

Sondajul: S24
 Proba: 2
 Adancimea: 1,50 m

$M_{2-3} = 14\ 300\ \text{kPa}$
 $ep.2 = 1.65\ \text{cm/m}$

OBSERVATII
 Dimensiunile probei
 $\phi = 70\ \text{mm}$

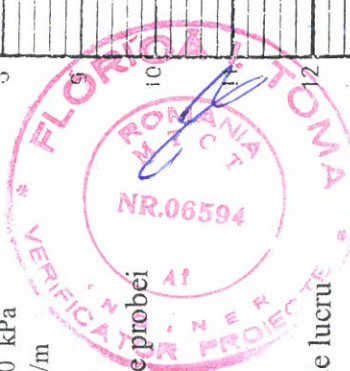
$h = 20\ \text{mm}$

Modul de lucru

Natură	Inițial	Final
W%	ROMANIA	
γ %	ROMANIA	
n%	ROMANIA	



Prestioni daN/cm



RESPONSABIL CO.
 Sing. Stelian Popescu

SEF LABORATOR
 Geolog Ion Cesauanu

SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT.
 Cornelia Stancu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
 Str. Islazului

Sondajul: S27
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 12 500 kPa
 ep.2 = 1.90 cm/m

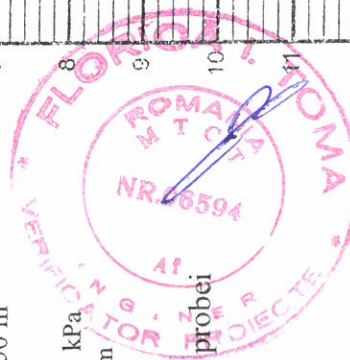
OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

W%			
w%			
n%			
	Initial	Final	



SEF LABORATOR
 Geolog Ion Cesauanu

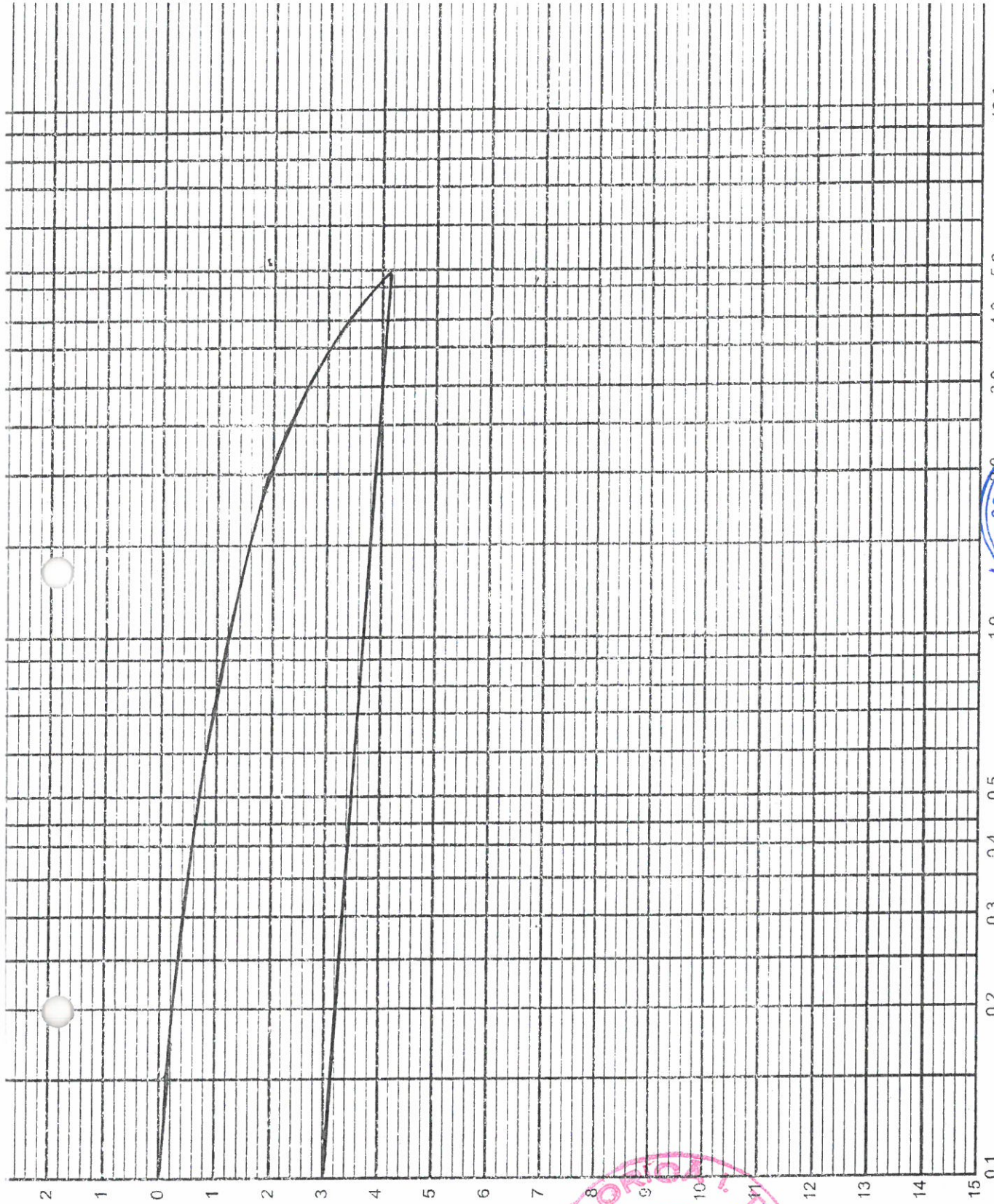


RESPONSABIL CO.
 Sing. Stelian Popescu



SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT
 Cornelia Stancu



Presiuni daN/cm

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

10.0

5.0

1.0

0.5

0.4

0.3

0.2

0.1

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal stang

Forajul: F402
 Proba: 2
 Adancimea: 1,50 m

M2-3 = 14 300 kPa
 ep.2 = 1.65 cm/m

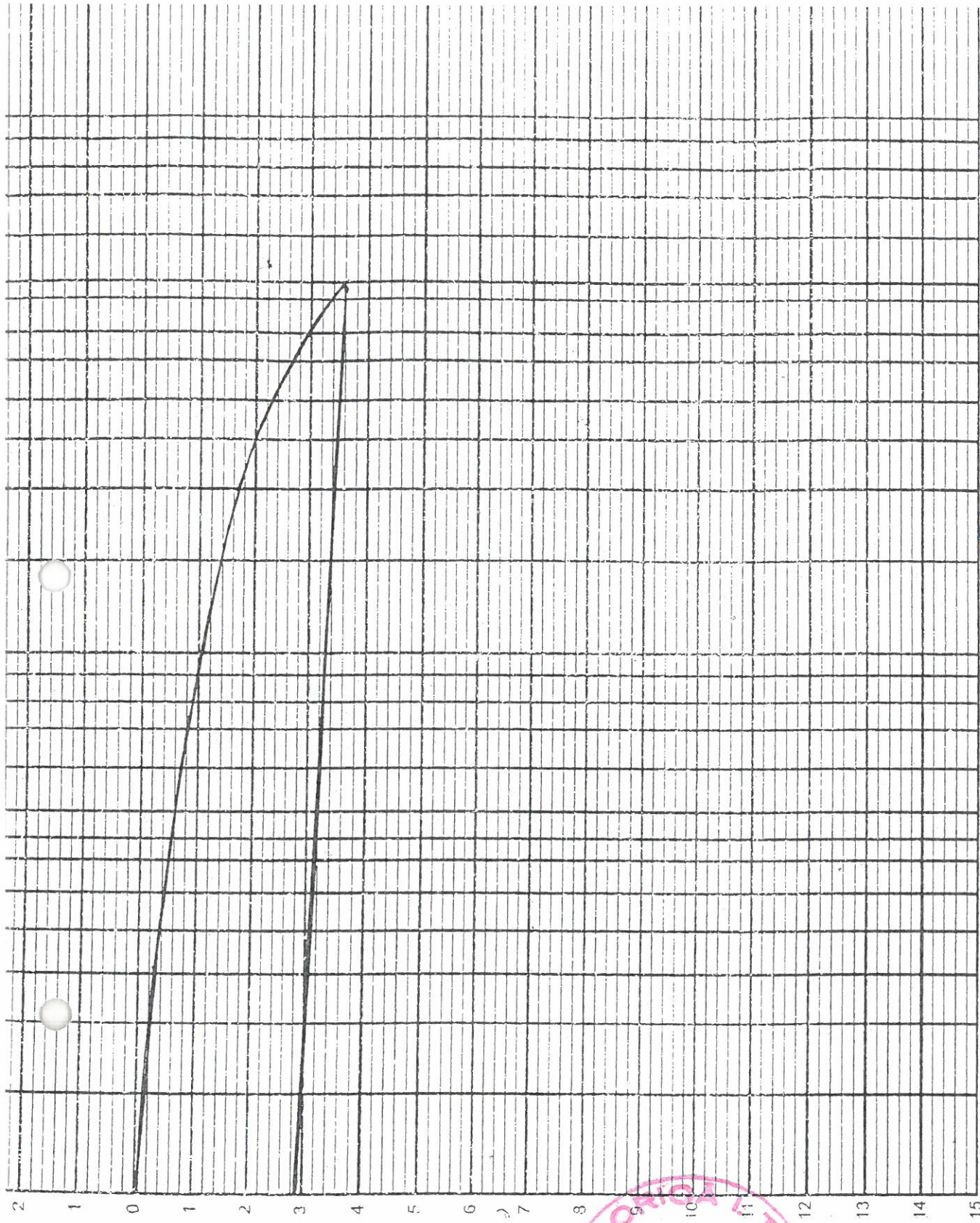
OBSERVATII
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm

Modul de lucru

Natural	Initial	Final
W%	GESAUANU ION * ROMANIA	
γ %	S.C. I.O.2	
n%	NI.00006170	



SEF LABORATOR
 Geolog Ion Cesariu



Presiuni daN/cm



SEF PROFIL
 Ing. Catalin Cesariu

LABORANT,
 Cornelia Stancu



ROMANIA
 NR. 06594

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL, OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal stang

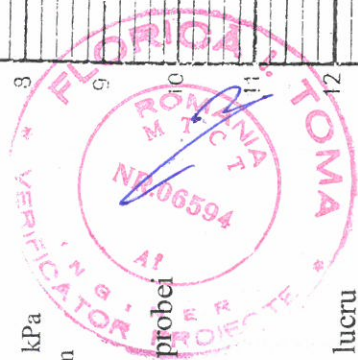
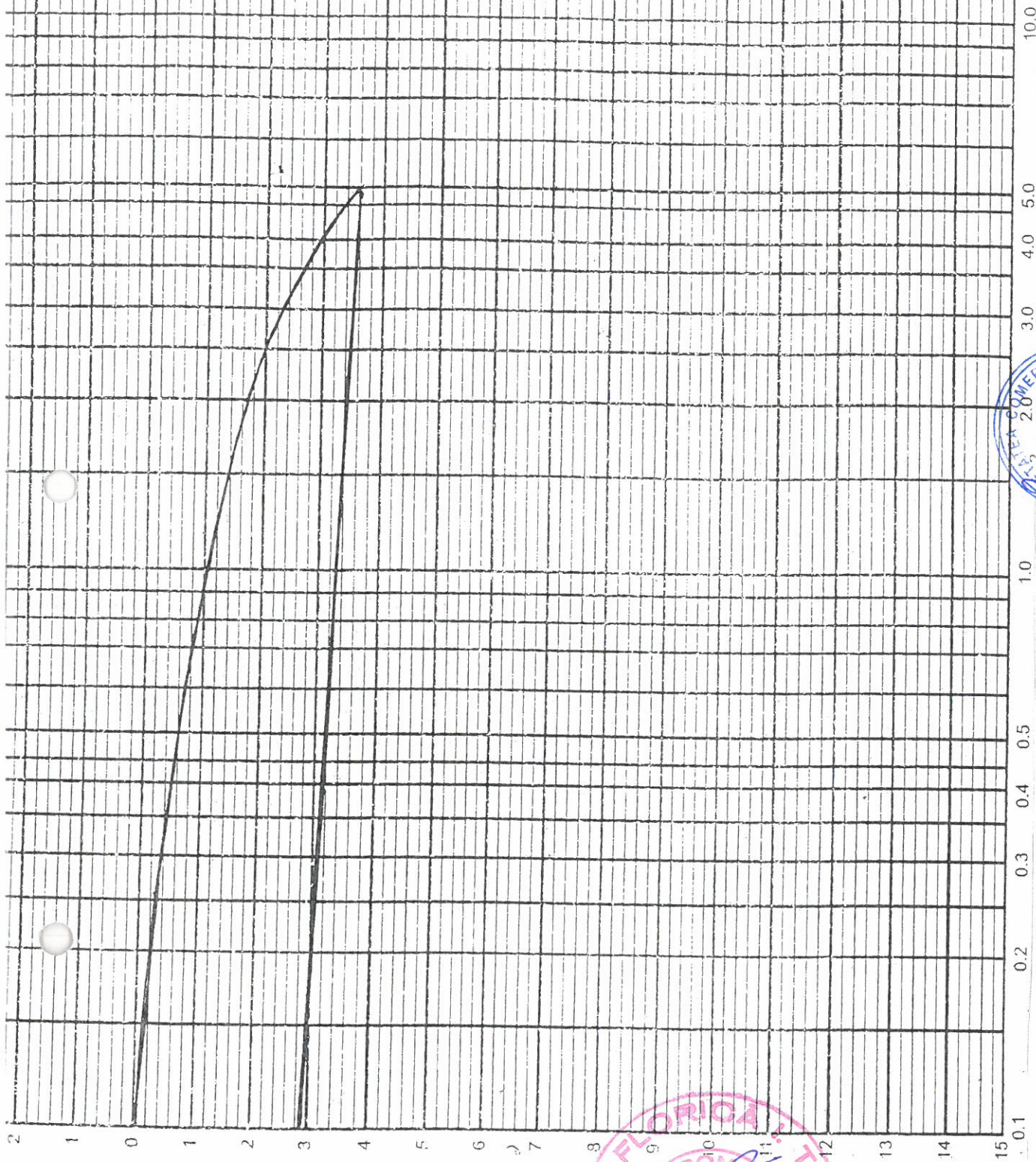
Forajul: F403
 Proba: 2
 Adancimea: 1,50 m

$M_{2-3} = 14\ 300\ \text{kPa}$
 $ep.2 = 1.65\ \text{cm/m}$

OBSERVATII
 Dimensiunile probei
 $\phi = 70\ \text{mm}$
 $h = 20\ \text{mm}$

Modul de lucru

Natural	CESARU Initial	ROMANIA
W%		
$\gamma\%$	ISC 102	
n%	NR.00006170	



RESPONSABILITATE
 Sing. Stelian Popescu

SEF LABORATOR
 Geolog Ion Cesariu

LABORANT,
 Cornelia Stancu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
DC91 mal drept

Forajul: F404
 Proba: 2
 Adancimea: 1,50 m

M₂₋₃ = 14 300 kPa
 ep.2 = 1.65 cm/m

OBSERVATII
 Dimensiunile probei
 φ = 70 mm
 h = 20 mm

Modul de lucru

Natural	Final
W%	
γ%	
n%	

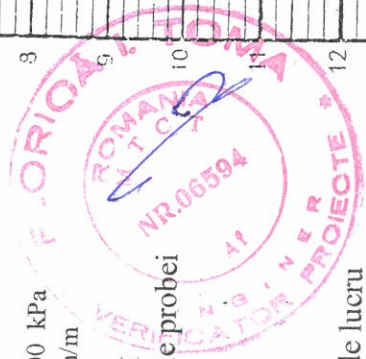
ISC L02
 Nr.-00006170

SEF LABORATOR
 Geolog Ion Cesajanu

RESPONSABIL
 Sing. Stelian Popescu

SEF PROFIL
 Ing. Catalin Cesajanu

LABORANT
 Cornelia Stancu



(Handwritten signature)

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
Str. Rusca

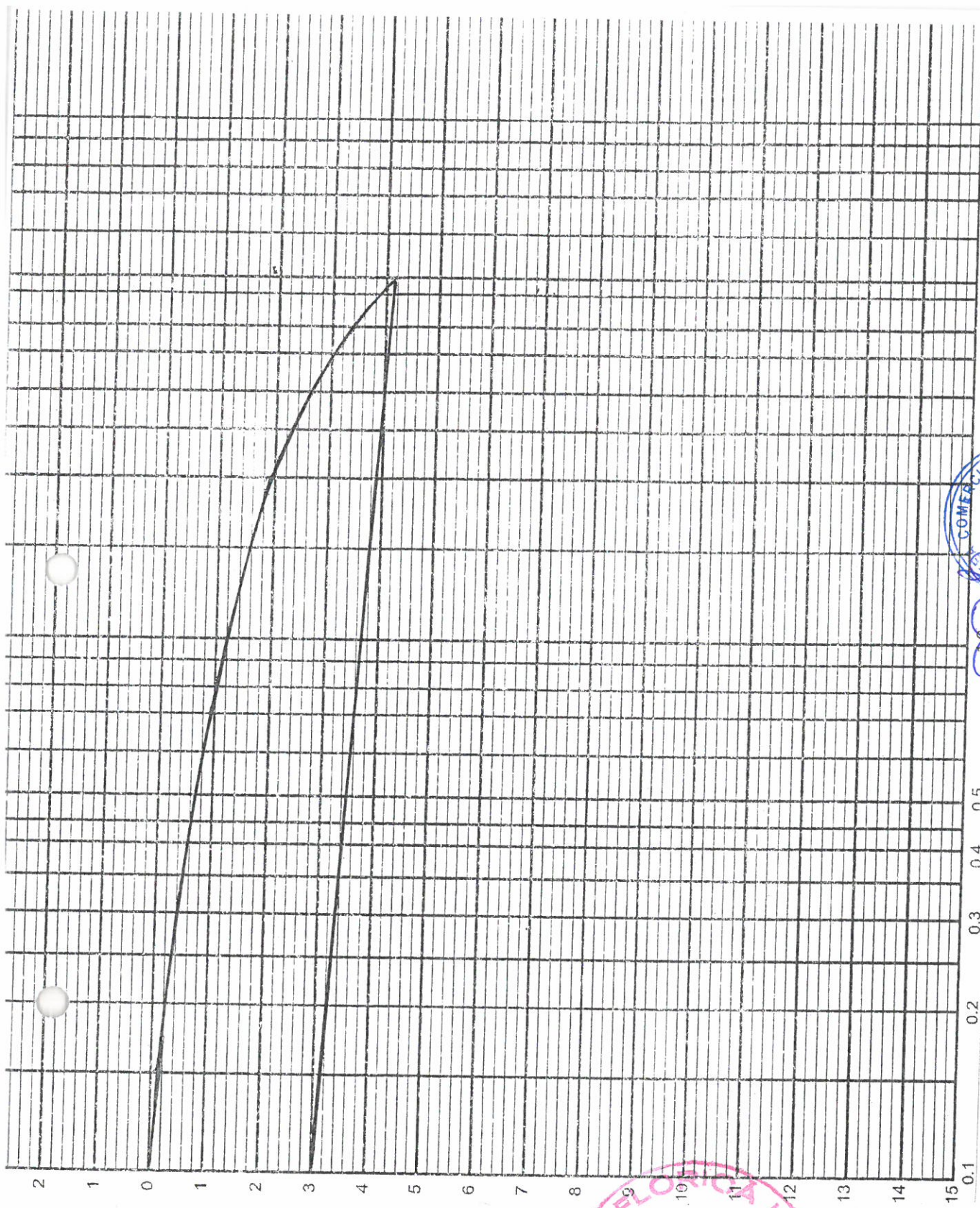
Forajul: F406
 Proba: 2
 Adancimea: 1,00 m

M₂₋₃ = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 φ = 70 mm
 h = 20 mm

Modul de lucru

Natura	Intitulat	Final
W%		
γ%		
n%		



Presiuni daN/cm



SEF PROFIL
 Ing. Catalin Cesauanu

RESPONSABIL CO.
 Sing. Stelian Popescu

SEF LABORATOR
 Geolog Ion Cesauanu

LABORANT,
 Cornelia Stancu



LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

**CURBA DE
 COMPRESIUNE – TASARE**

**LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT**

**BENEFICIAR:
 COMUNA BREBENI
 Str. Rusca**

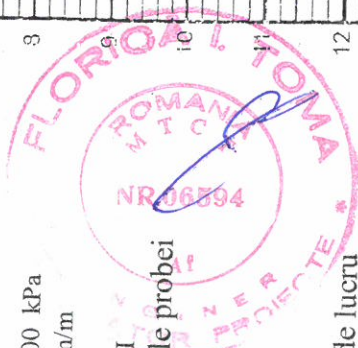
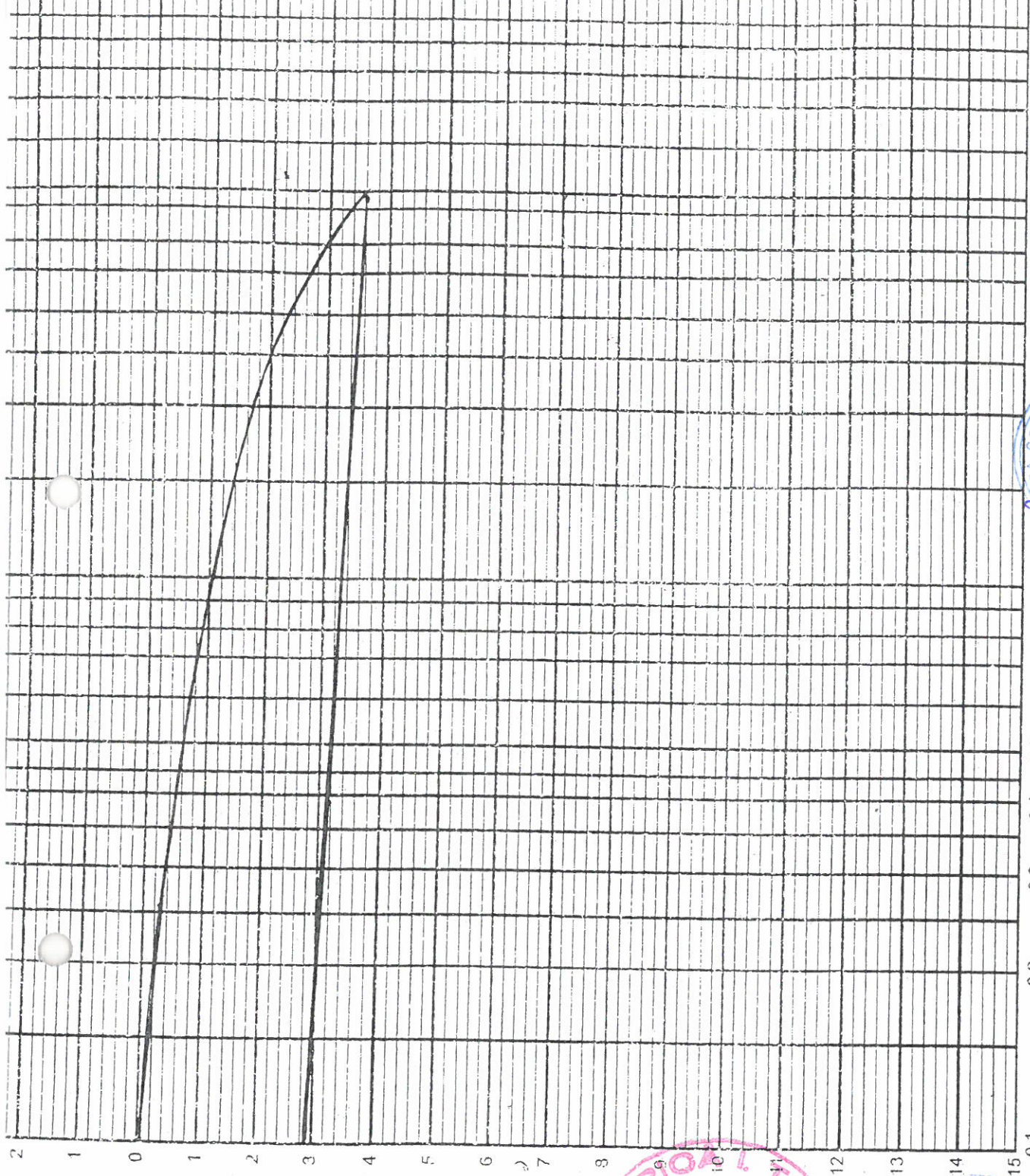
Forajul: F406
 Proba: 3
 Adancimea: 3,00 m

M2-3 = 14 300 kPa
 ep.2 = 1.65 cm/m

**OBSERVATI
 Dimensiunile probei
 $\phi = 70$ mm
 h = 20 mm**

Modul de lucru

Natural	CESAUANIUM Capitala ROMANIA	ISC LU2	Nr.00006170
W%			
Y%			
n%			



RESPONSABIL
 Sing. Stelian Popescu

SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT,
 Cornelia Stancu

SEF LABORATOR
 Geolog Ion Cesauanu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE – TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL OLT

BENEFICIAR:
 COMUNA BREBENI
 Str. Islazului 1

Forajul: F407
 Proba: 2
 Adancimea: 1,50 m

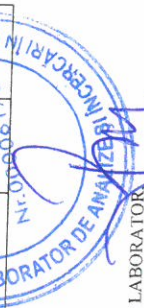
M₂₋₃ = 12 500 kPa
 ep.2 = 1.90 cm/m

OBSERVATII
 Dimensiunile probei
 φ = 70 mm

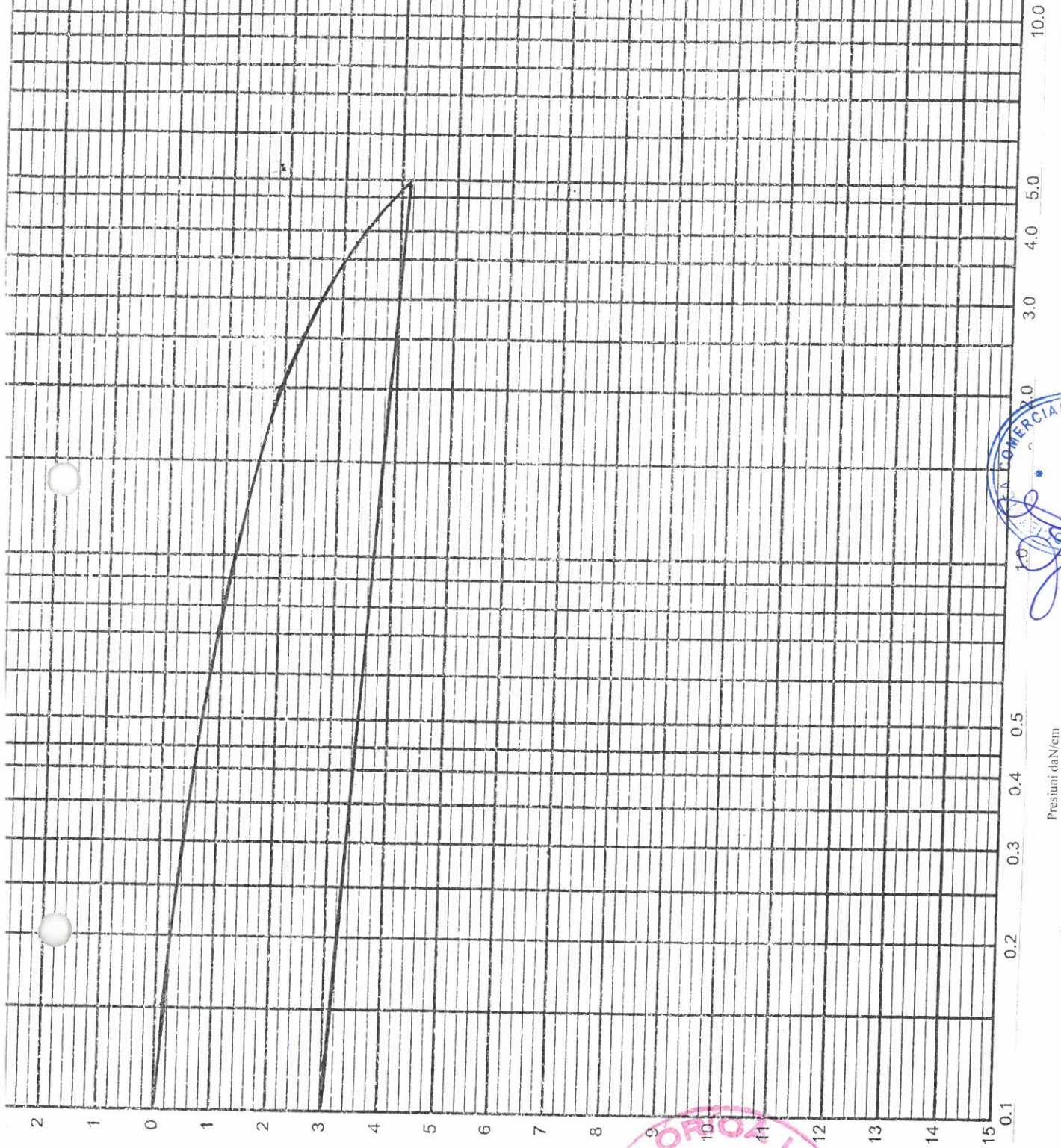
h = 20 mm

Modul de lucru

	Natural	Hitărit	Final
W%			
γ%			
n%			



SEF LABORATOR
 Geolog Ion Cesauanu



Presiuni daN/cm



SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT
 Cornelia Stancu



RESPONSABIL CO.
 Sing. Stelian Popescu

LABORATOR GEOTEHNIC
 GRADUL II
 AUTORIZATIE 2410/06.12.2011
 REANNOITA: 04.12.2015

CURBA DE
 COMPRESIUNE - TASARE

LUCRAREA:
 MODERNIZAREA
 INFRASTRUCTURII
 RUTIERE DE INTERES LOCAL
 IN COMUNA BREBENI,
 JUDETUL. OLT

BENEFICIAR:
 COMUNA BREBENI
 Str. Saltanesti

Forajul: F408
 Proba: 2
 Adancimea: 1,00 m

M₂₋₃ = 14 300 kPa
 ep.2 = 1.65 cm/m

OBSERVATII
 Dimensiunile probei
 φ = 70 mm

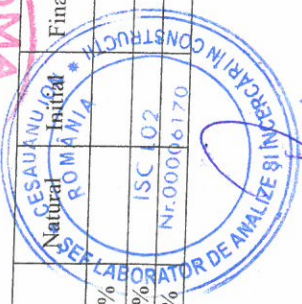
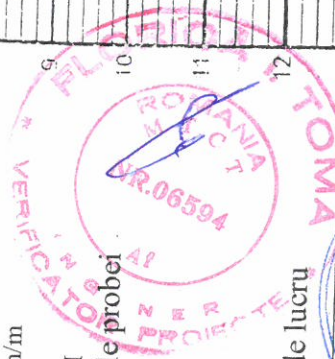
h = 20 mm

Modul de lucru

W%	ISC 02	Final
Y%		
n%	Nr.00006170	



Presiuni daN/cm



SEF LABORATOR
 Geolog Ion Cesauanu

RESPONSABIL CO.
 Sing. Stelian Popescu



SEF PROFIL
 Ing. Catalin Cesauanu

LABORANT,
 Cornelia Stancu

(Signature)