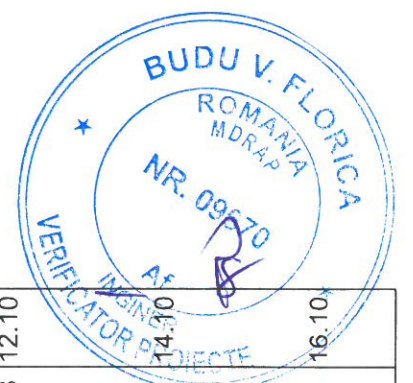
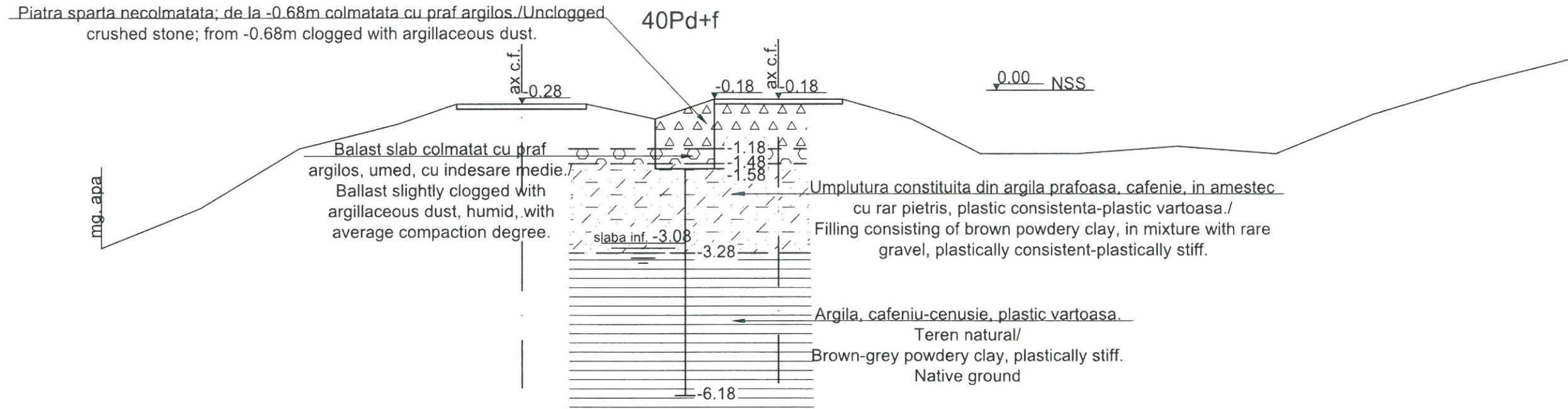


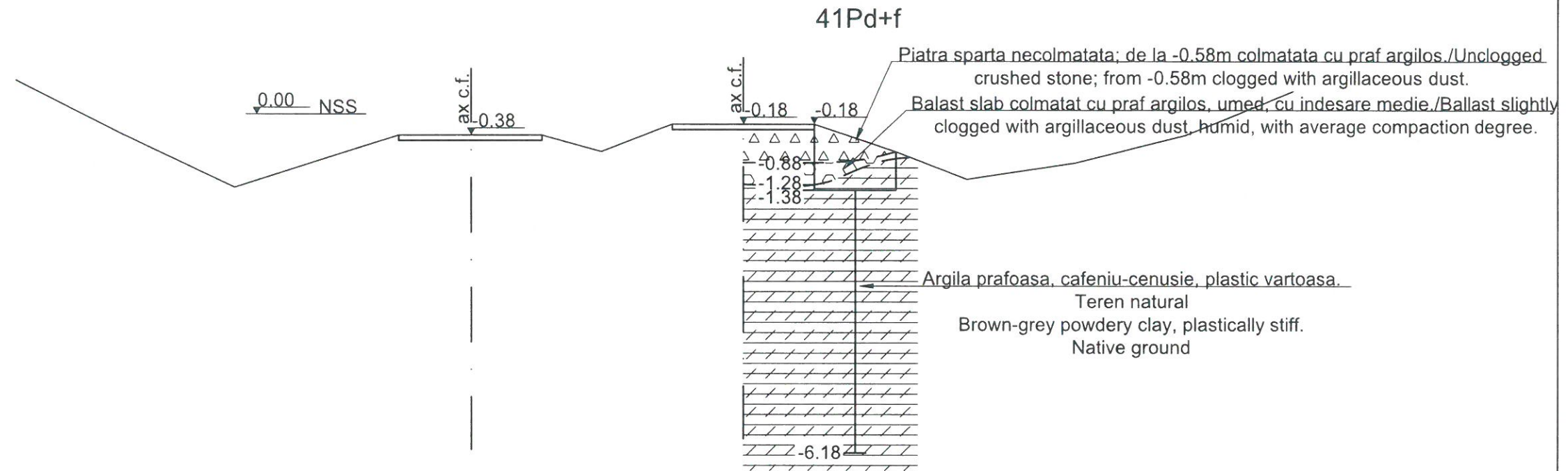
km 30+500



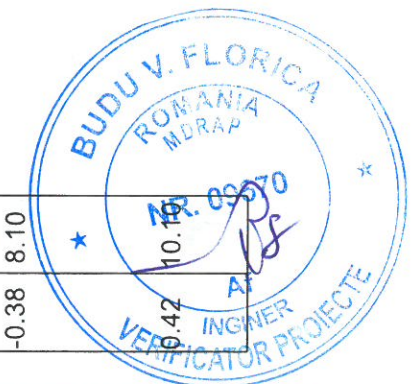
Teren	Distante	-13.70	-11.70	-9.70	-7.70	-6.50	-5.20	-3.90	-2.50	-1.30	0.00	1.30	2.70	4.10	6.10	8.10	10.10	12.10	14.10	16.10
	Cote	-3.18	-2.38	-1.18	-0.68	-0.28	-0.28	-0.28	-0.58	-0.18	-0.18	-0.18	-0.58	-1.28	-1.28	-1.13	-1.28	-0.48	0.12	0.62

BENEFICIAR / BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. / ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" / Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004		PROJECT TITLE / WORKS TITLE: "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" / Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
SUBCONTRACTANT / GEO - SERV SRL / SUBCONTRACTOR: JI40/12943/1994		STUDIU GEOTEHNIC / Terasamente	
PROIECTANT / DESIGNER: ing. Gh. Neata	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY:	
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	SEMNATURA / SIGNATURE:	DENUMIRE PLAN / DRAWING TITLE:	
MP/PM: ing. M. Baicu	SEMNATURA / SIGNATURE:	COD PLAN / CODIFICATION SYSTEM:	
DATA / DATE: 03.2018	SCARA / SCALE: 1:100	EXEMPLAR NR. / EXEMPLARY NO.: 1	SG 207 Lot 2 19 Ts05 01 00

km 30+800

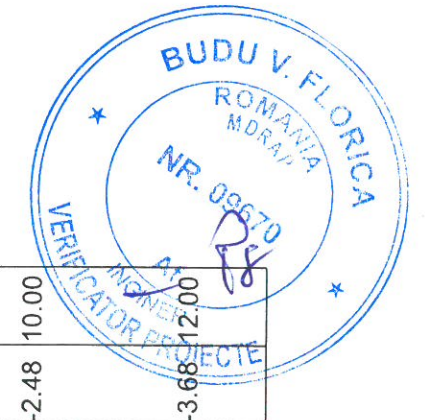
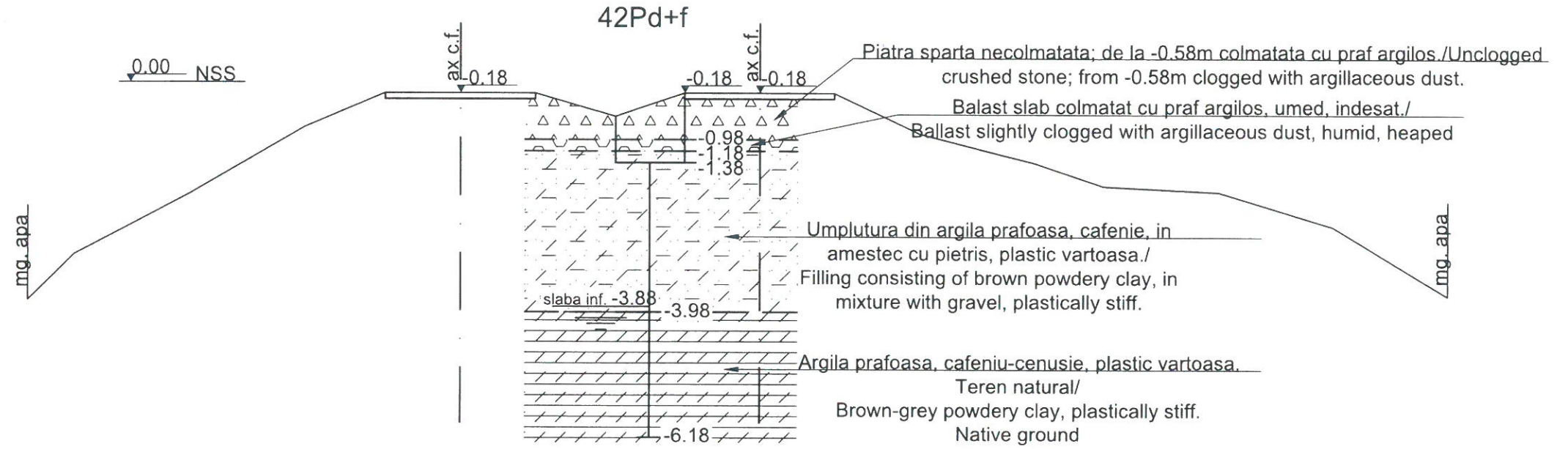


Teren	Distante	-13.30	-11.30	-9.30	-7.90	-6.30	-5.00	-3.70	-2.60	-1.30	0.00	1.30	2.80	4.10	6.10	8.10
	Cote	0.62	-0.38	-1.33	-0.88	-0.38	-0.38	-0.38	-0.68	-0.18	-0.18	-0.18	-0.68	-1.18	-0.88	-0.38



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  & ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/ SIGNATURE: SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
DATA/DATE: <b>03.2018</b>		SCALA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 19 Ts06 01 00</b>	

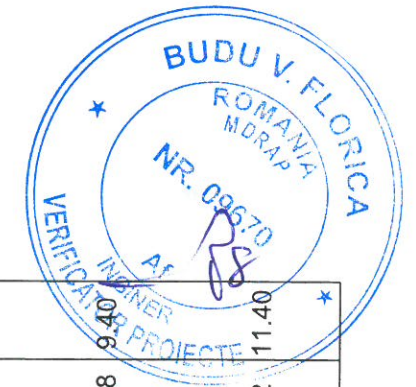
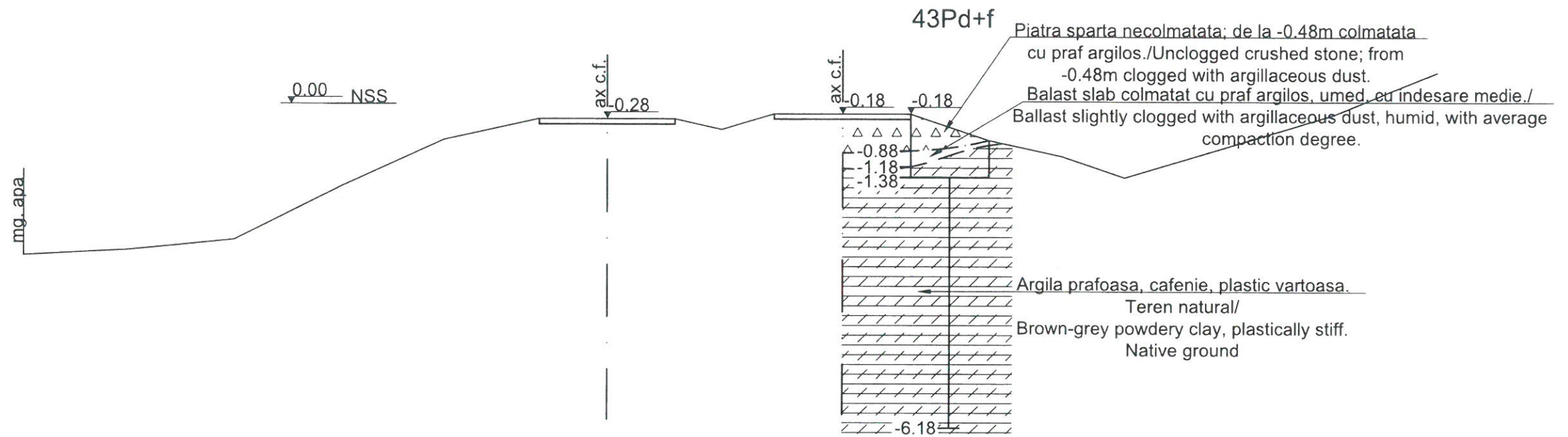
# km 31+200



Teren	Distante	-12.70	-11.90	-9.90	-7.90	-6.50	-5.20	-3.90	-2.50	-1.30	0.00	1.30	2.80	4.80	6.00	8.00	10.00	12.00
	Cote	-3.78	-2.98	-1.93	-0.78	-0.18	-0.18	-0.18	-0.58	-0.18	-0.18	-0.18	-0.88	-1.38	-1.78	-1.88	-2.48	-3.68

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 31+200</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 19 Ts07 01 00</b>	

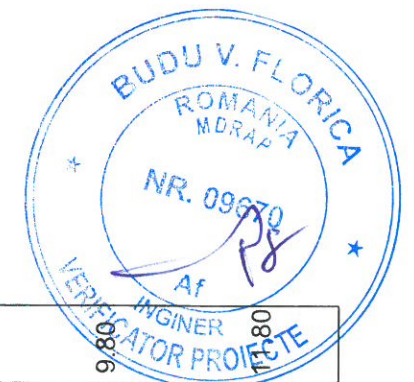
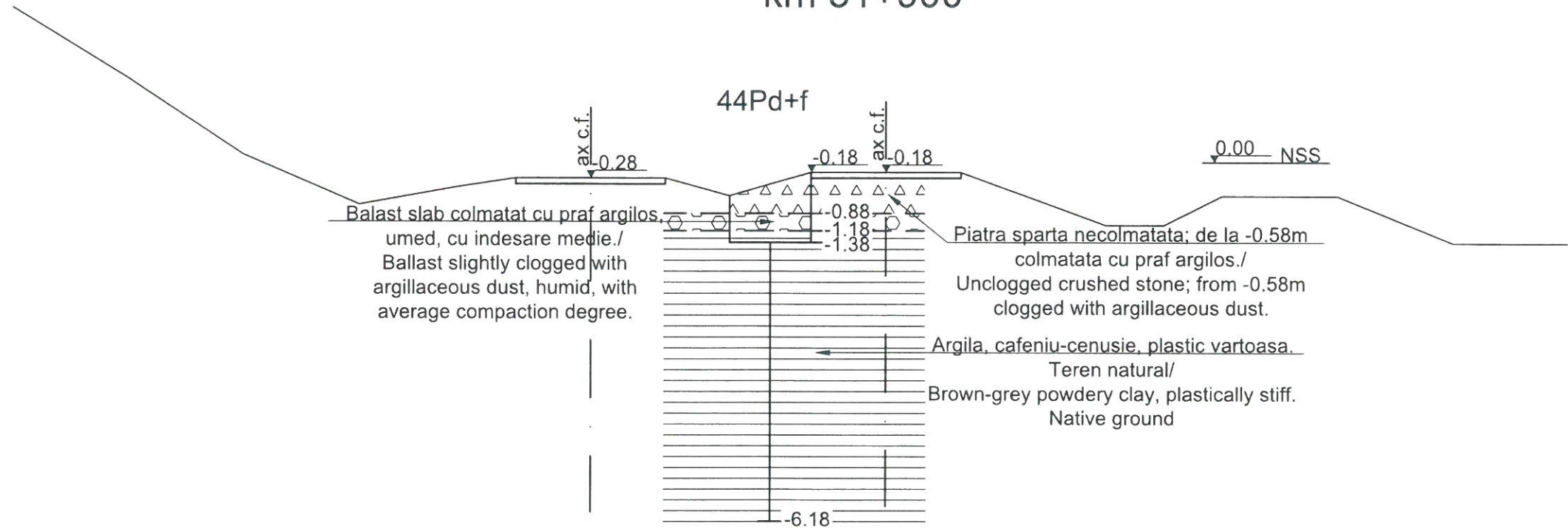
km 31+600



Teren	Distante	-15.60	-13.60	-11.60	-9.60	-7.60	-5.80	-4.50	-3.20	-2.30	-1.30	0.00	1.30	2.80	4.20	5.40	7.40	11.40
	Cote	-2.88	-2.78	-2.58	-1.58	-0.68	-0.28	-0.28	-0.28	-0.48	-0.18	-0.18	-0.18	-0.68	-0.98	-1.38	-0.78	-0.18

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ SUBCONTRACTOR: GEO - SERV SRL JI/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
DATA/DATE: 03.2018 SCARA/SCALE: 1:100		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 31+600</b> EXEMPLAR NR./EXEMPLARY NO.: 1 COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts08 01 00	

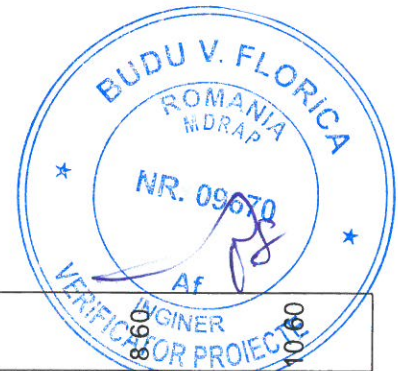
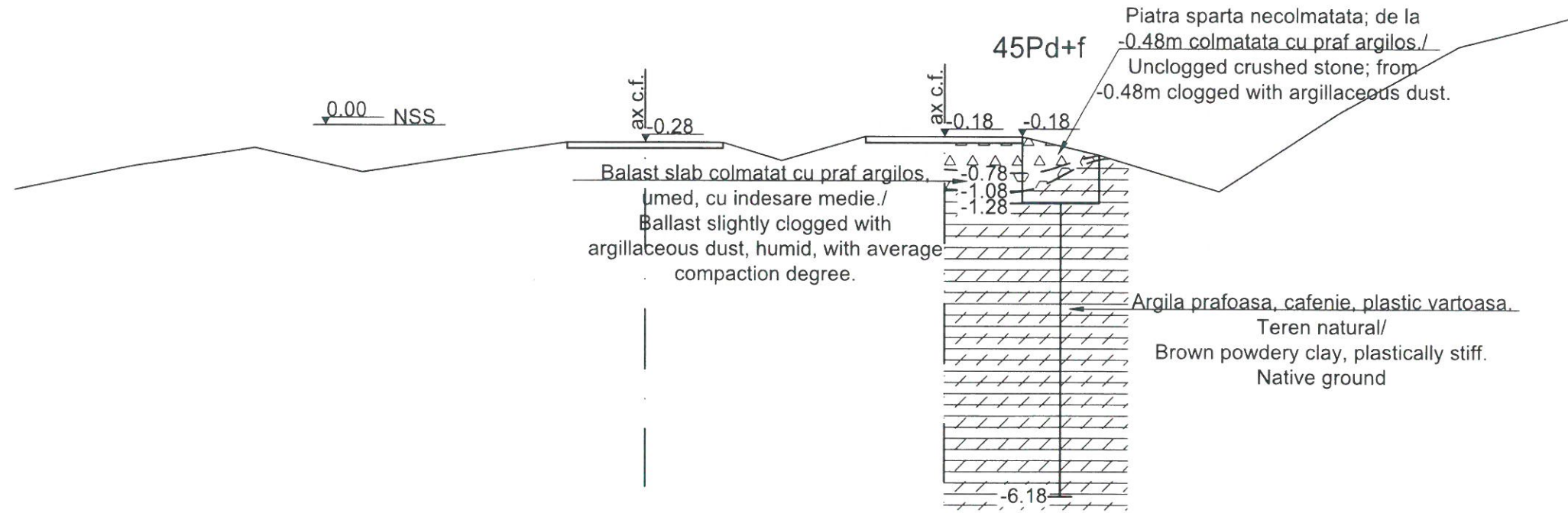
# km 31+900



Teren	Distante	-15.10	-13.10	-11.10	-9.10	-7.40	-6.40	-5.10	-3.80	-2.70	-1.30	0.00	1.30	2.70	3.80	4.80	5.80	7.80	9.80	11.80
	Cote	2.62	1.42	0.12	-0.73	-0.43	-0.28	-0.28	-0.28	-0.58	-0.18	-0.18	-0.18	-0.68	-1.08	-1.08	-0.58	-0.58	-1.38	-1.38

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 31+900</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts09 01 00	

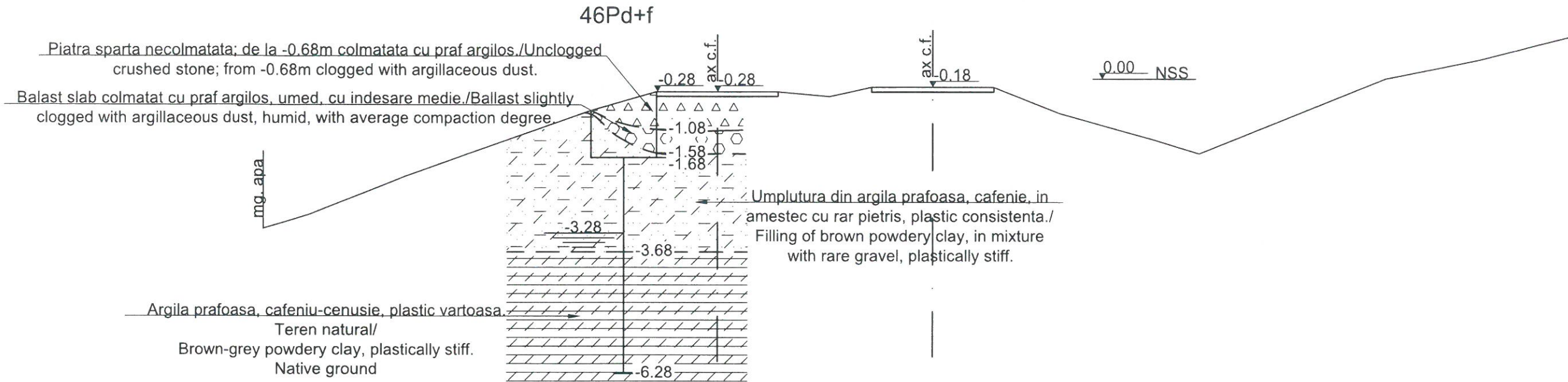
# km 32+200



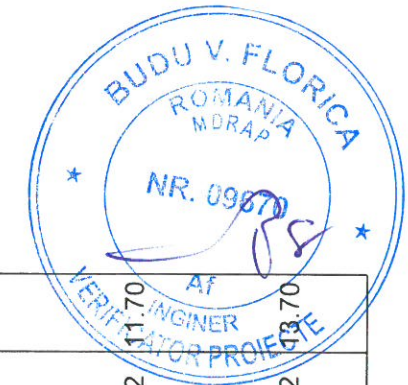
Teren	Distanțe	-15.50	-13.50	-11.50	-9.70	-7.70	-6.30	-5.00	-3.70	-2.70	-1.30	0.00	1.30	2.60	4.60	6.60	8.60	10.60
	Cote	-1.08	-0.68	-0.38	-0.78	-0.48	-0.28	-0.28	-0.28	-0.58	-0.18	-0.18	-0.18	-0.48	-1.08	0.22	1.32	1.82

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/DESIGNER:</b>		<b>DENUMIRE PROIECT/DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"	
<b>ASOCIEREA/JOINT VENTURE:</b> J40/9877/2001 & J40/20534/2004		<b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b>	
<b>SUBCONTRACTANT/ GEO - SERV SRL</b>		<b>"MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER"</b>	
<b>SUBCONTRACTOR: J/40/12943/1994</b>		<b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/DESIGNER:</b> ing. Gh. Neata		<b>SEMNAȚURA/SIGNATURE:</b>	
<b>EXPERT CHEIE/KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>SPECIALITATE/SPECIALITY:</b> Terasamente	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./EXEMPLARY NO.:</b> 1		<b>DENUMIRE PLAN/DRAWING TITLE:</b> <b>Profil transversal km 32+200</b>	
<b>COD PLAN/CODIFICATION SYSTEM:</b> SG 207 Lot 2 19 Ts10 01 00			

# km 32+600

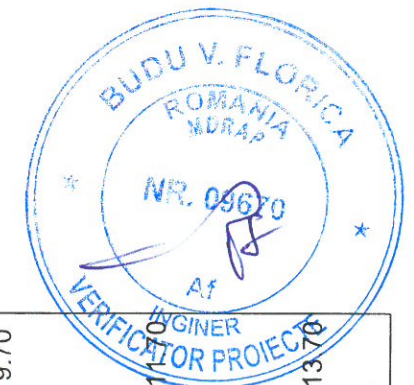
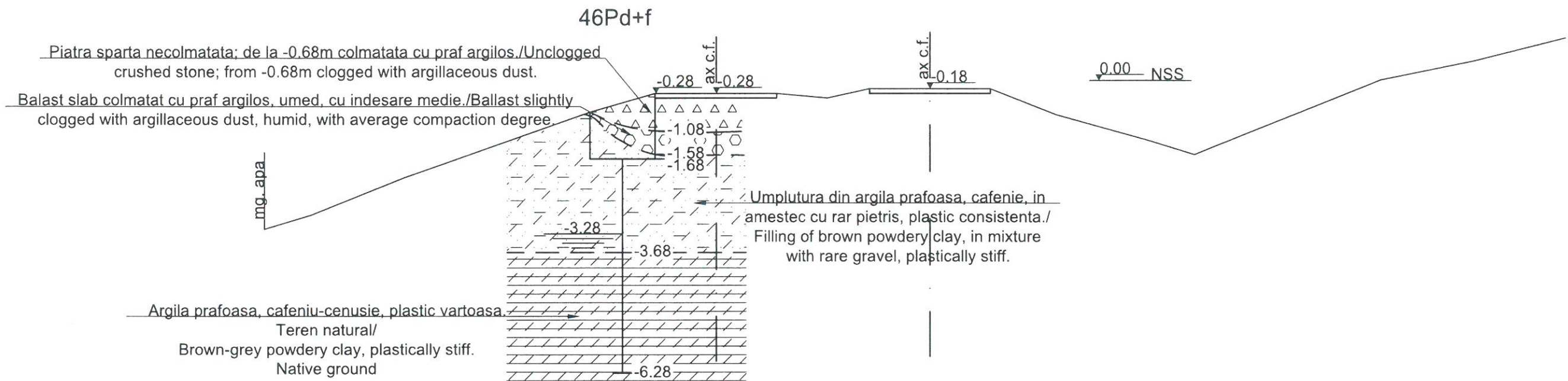


Teren	Distanțe	Cote																		
		-14.30	-13.30	-11.30	-9.30	-7.30	-5.90	-4.60	-3.30	-2.20	-1.30	0.00	1.30	2.70	4.70	5.70	7.70	9.70	11.70	13.70
		-3.18	-2.88	-2.08	-1.38	-0.68	-0.28	-0.28	-0.28	-0.38	-0.18	-0.18	-0.18	-0.73	-1.28	-1.58	-0.78	0.02	0.42	0.92



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER	NUME/NAME: ing. Gh. Neata	SEMNATURA/SIGNATURE	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE/KEY EXPERT	ing. C. Grosu		<b>Profil transversal km 32+600</b>
MP/PM	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO. 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts11 01 00	

km 32+600

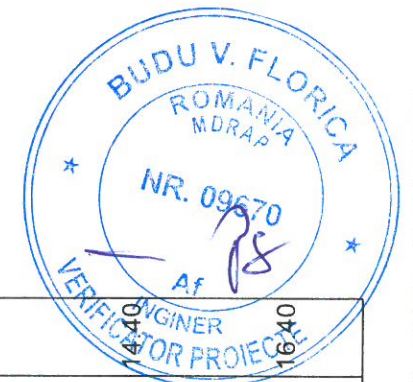
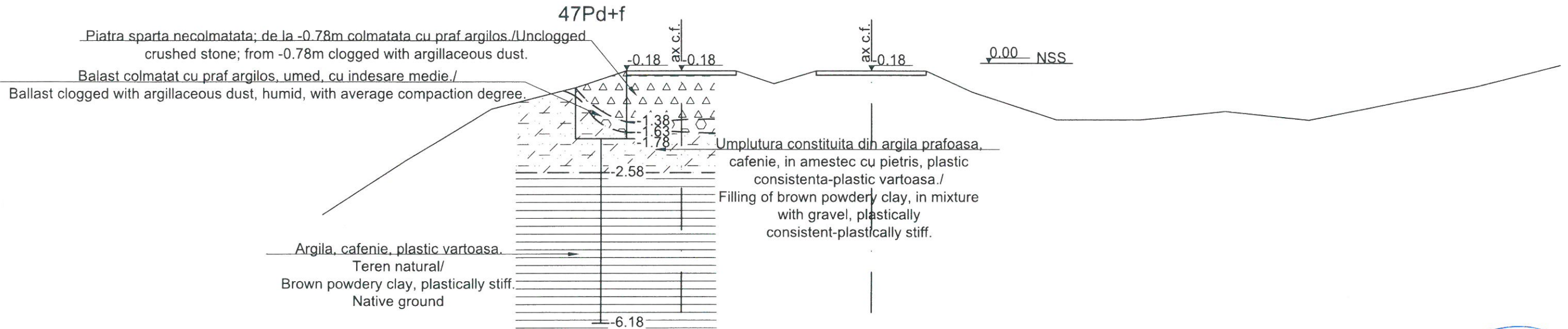


Teren	Distante	-14.30	-13.30	-11.30	-9.30	-7.30	-5.90	-4.60	-3.30	-2.20	-1.30	0.00	1.30	2.70	4.70	5.70	7.70	9.70	13.70
	Cote	-3.18	-2.88	-2.08	-1.38	-0.68	-0.28	-0.28	-0.28	-0.38	-0.18	-0.18	-0.18	-0.73	-1.28	-1.58	-0.78	0.02	0.42

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 32+600</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 19 Ts11 01 00</b>	



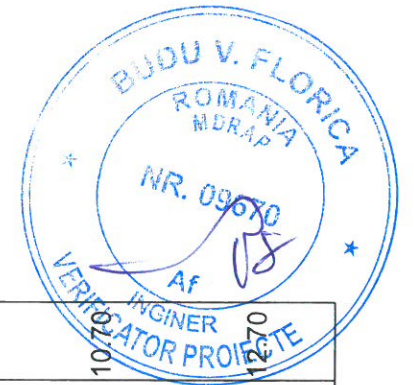
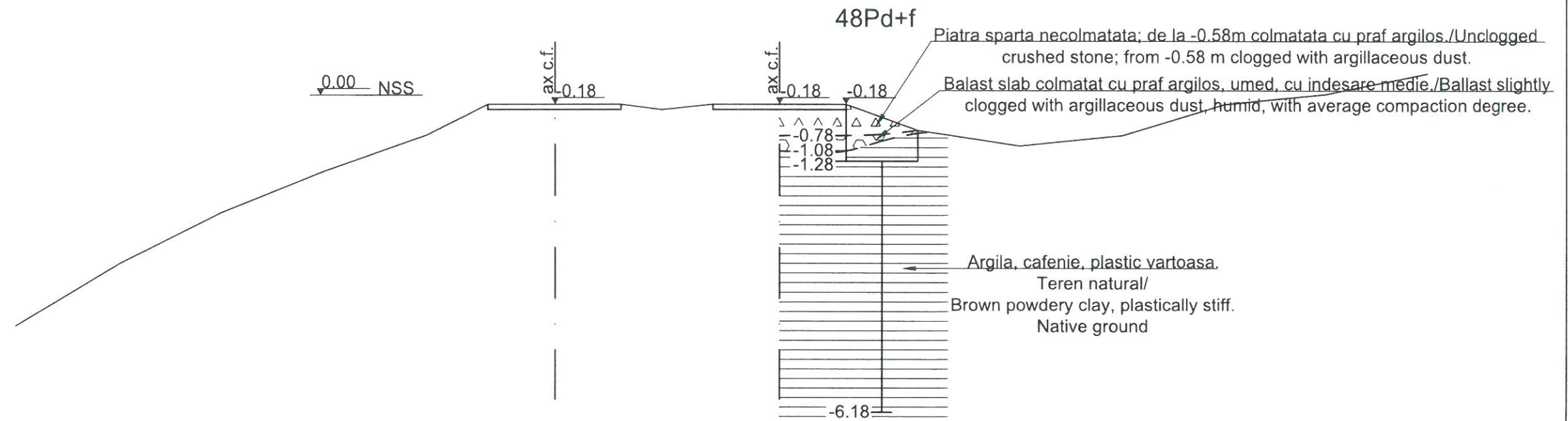
# km 32+900



Teren	Distante	-13.00	-11.00	-9.00	-7.00	-5.80	-4.50	-3.20	-2.30	-1.30	0.00	1.30	2.40	4.40	6.40	8.40	10.40	12.40	14.40	16.40
	Cote	-3.58	-2.28	-1.08	-0.58	-0.18	-0.18	-0.18	-0.48	-0.18	-0.18	-0.18	-0.68	-1.33	-1.33	-1.13	-1.33	-0.93	-0.53	-0.03

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994				DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS
PROIECTANT/ DESIGNER: <b>ing. Gh. Neata</b>	SEMNATURA/ SIGNATURE: 	SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>		
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>	SEMNATURA/ SIGNATURE: 	DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 32+900</b>		
MP/PM: <b>ing. M. Baicu</b>	SEMNATURA/ SIGNATURE: 	EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>	COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 19 Ts12 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>		

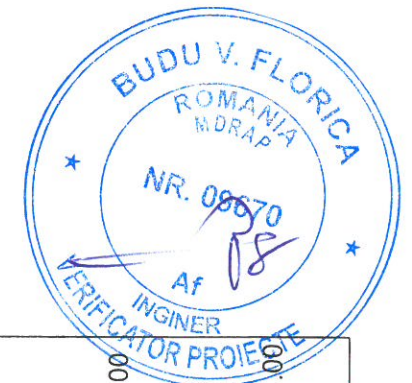
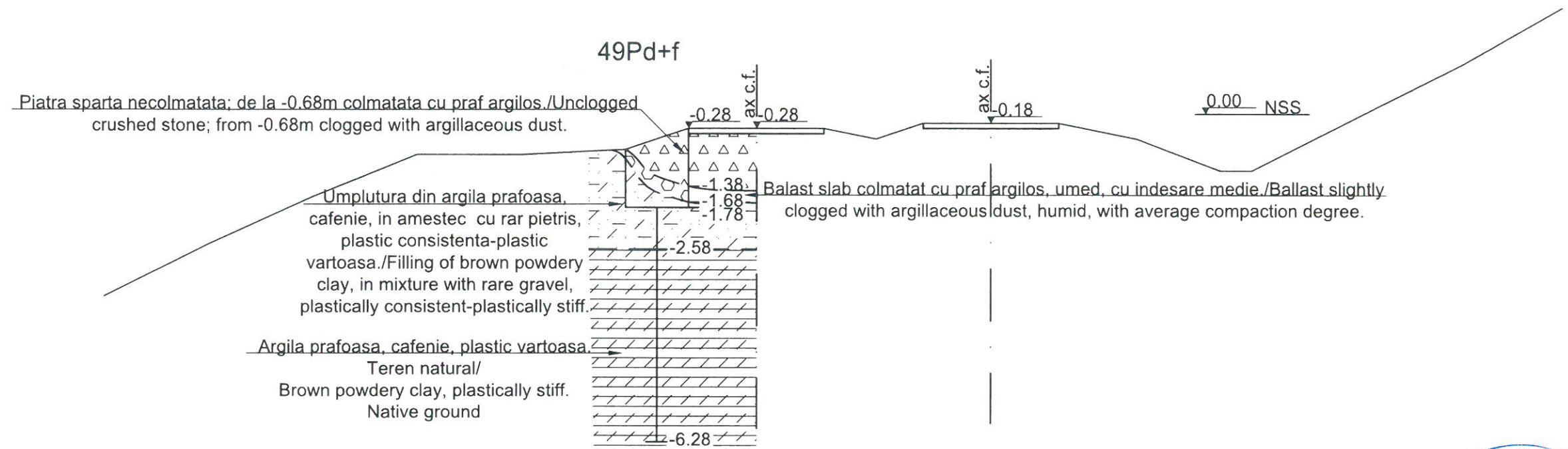
# km 33+200



Teren	Distante	-14.90	-12.90	-10.90	-8.90	-6.90	-5.70	-4.40	-3.10	-2.30	-1.30	0.00	1.30	2.70	4.70	6.70	8.70	10.70	12.70
	Cote	-4.48	-3.28	-2.28	-1.48	-0.78	-0.18	-0.18	-0.18	-0.18	-0.28	-0.18	-0.18	-0.18	-0.68	-0.98	-0.78	-0.18	0.02

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER: ASOCIEREA/JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994	& J40/9877/2001 J40/20534/2004	DENUMIRE PROIECT/DENUMIRE LUCRARE: PROJECT TITLE/WORKS TITLE:	"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY:	<b>STUDIU GEOTEHNIC</b> Terasamente
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE:	<b>Profil transversal km 33+200</b>
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts13 01 00
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts13 01 00

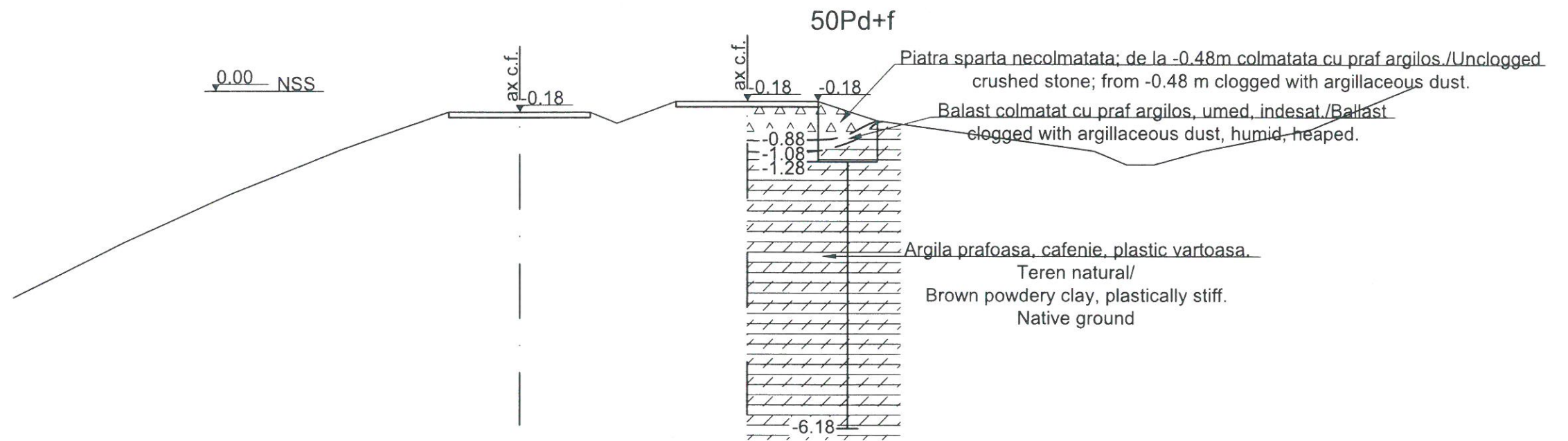
km 33+500



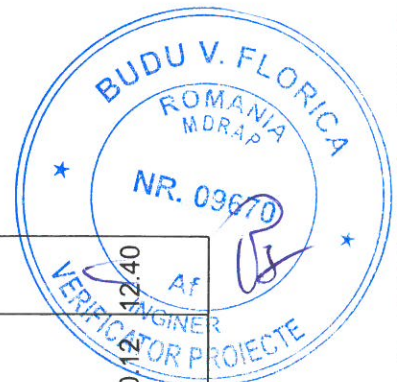
Teren	Distante	-17.00	-15.00	-13.00	-11.00	-9.00	-7.00	-5.80	-4.50	-3.20	-2.20	-1.30	0.00	1.30	2.80	4.40	5.00	7.00	9.00	11.00
	Cote	-3.48	-2.48	-1.58	-0.78	-0.78	-0.68	-0.28	-0.28	-0.28	-0.48	-0.18	-0.18	-0.18	-0.48	-1.08	-1.08	-0.08	0.92	2.02

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 33+500</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 19 Ts14 01 00	

# km 33+750



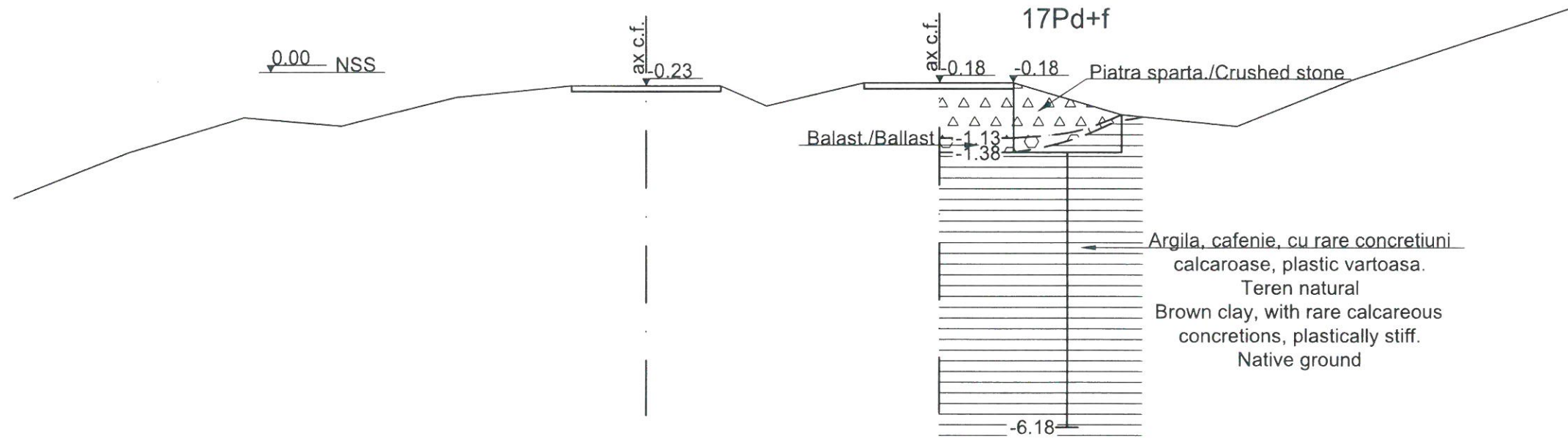
Teren	Distante	-13.50	-11.50	-9.50	-7.50	-5.50	-4.20	-2.90	-2.40	-1.30	0.00	1.30	2.40	6.40	7.00	7.50	8.40	10.40
	Cote	-3.78	-2.78	-1.88	-1.08	-0.38	-0.38	-0.38	-0.58	-0.18	-0.18	-0.18	-0.53	-1.08	-1.33	-1.33	-1.08	-0.68



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: [Signatures] SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 33+750</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 19 Ts15 01 00</b>	

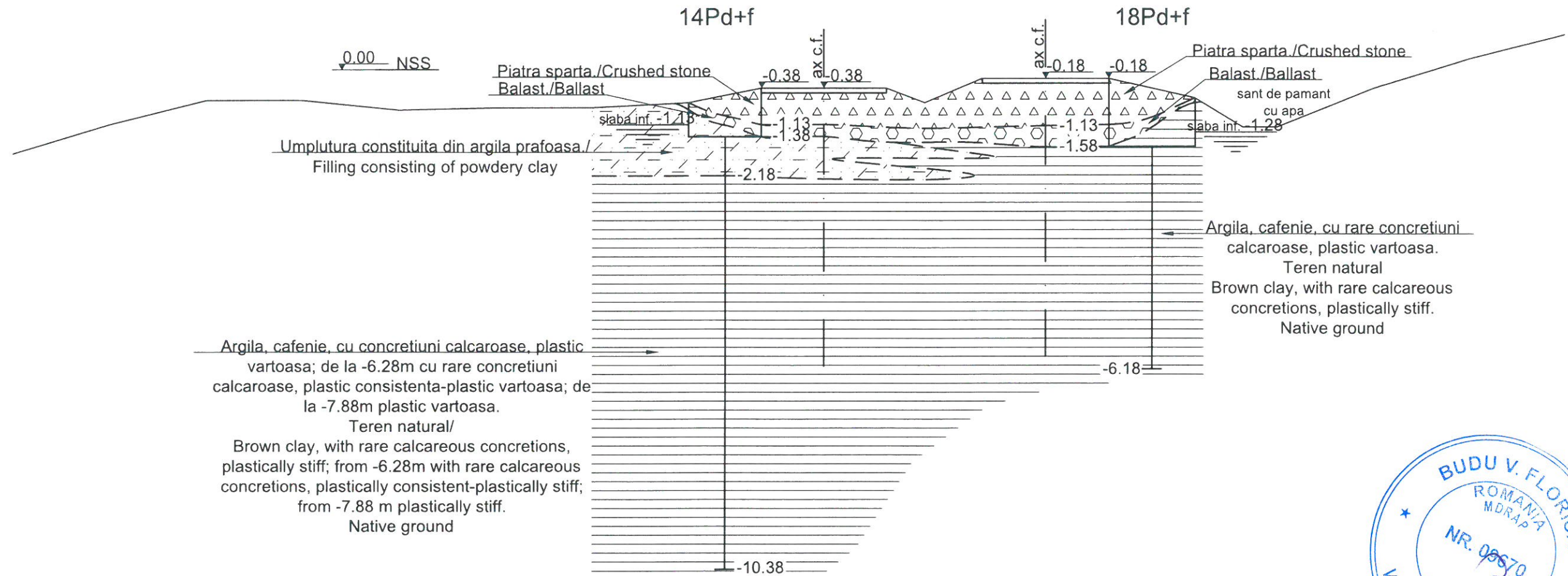


km 34+060



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/DESIGNER:</b> ASOCIEREA/JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR:		<b>DENUMIRE PROIECT/DENUMIRE LUCRARE:</b> PROJECT TITLE/WORKS TITLE:	
J40/9877/2001 & J40/20534/2004 J/40/12943/1994		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
<b>PROIECTANT/DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/SIGNATURE:</b> 	
<b>EXPERT CHEIE/KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> Terasamente	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/DRAWING TITLE:</b> <b>Profil transversal km 34+060</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./EXEMPLARY NO.:</b> 1		<b>COD PLAN/CODIFICATION SYSTEM:</b> SG 207 Lot 2 19 Ts17 01 00	

# km 34+260



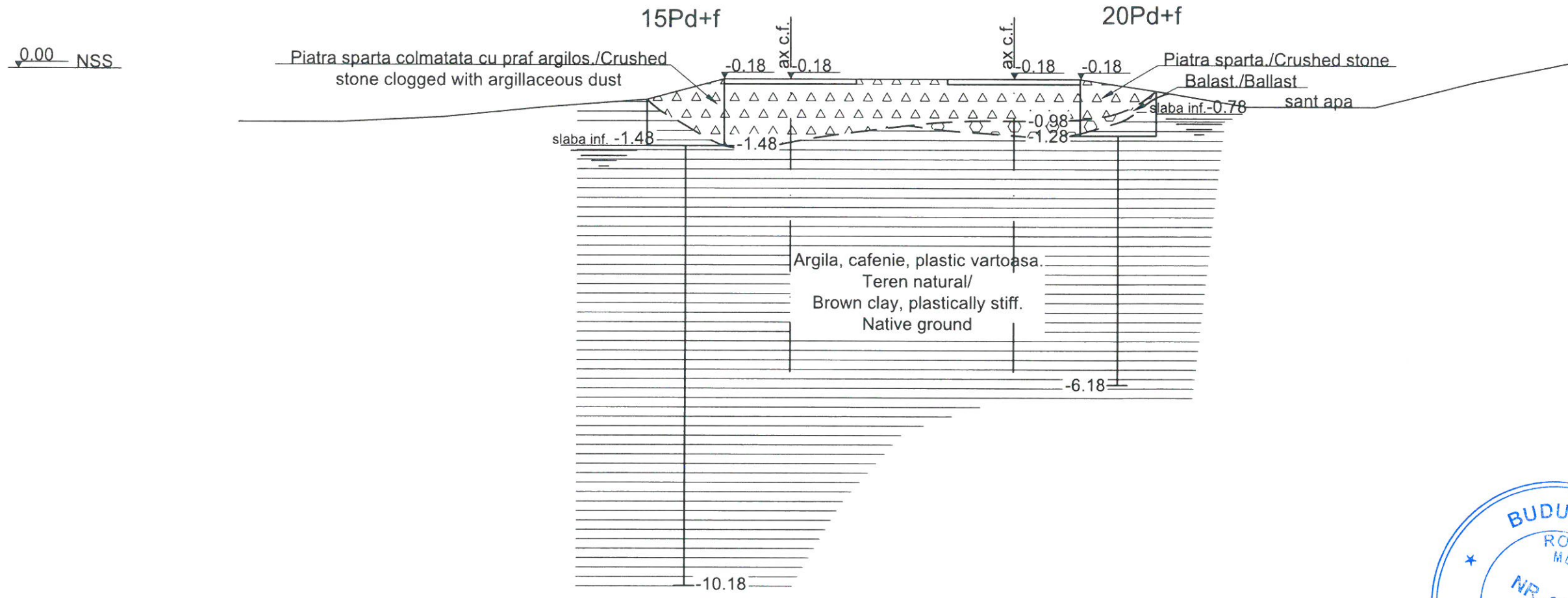
Teren	Distante	-21.40	-19.40	-17.40	-15.40	-13.40	-11.40	-9.40	-7.40	-5.90	-4.60	-3.30	-2.50	-1.30	0.00	1.30	3.10	4.10	4.80	6.80	8.80	10.80
	Cote	-1.73	-1.13	-0.63	-0.63	-0.83	-0.78	-0.78	-0.68	-0.38	-0.38	-0.38	-0.68	-0.18	-0.18	-0.18	-0.58	-1.18	-1.18	-0.38	0.22	0.72

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR BENEFICIARY:</b>		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> & <b>ASOCIEREA/ JOINT VENTURE:</b> J40/9877/2001 & J40/20534/2004 <b>SUBCONTRACTANT/ GEO - SERV SRL</b> <b>SUBCONTRACTOR:</b> J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata <b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu <b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>STUDIU GEOTEHNIC Terasamente</b> <b>Profil transversal km 34+260</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 19 Ts18 01 00	

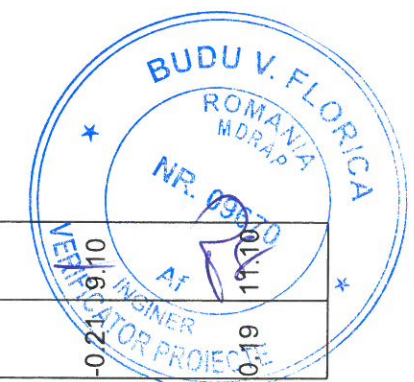




# km 34+660

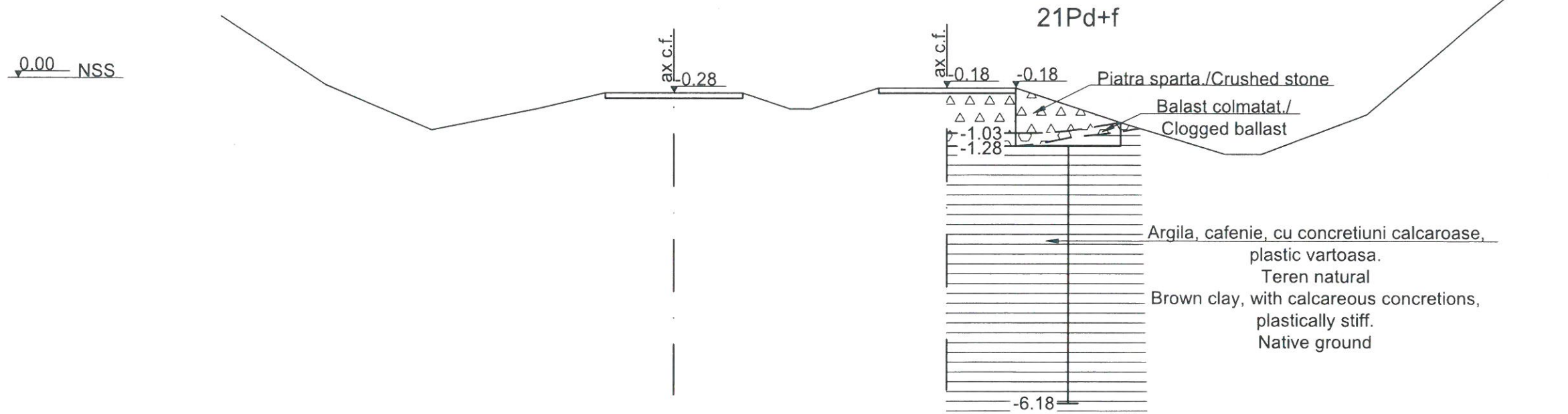


Teren	Distante	-15.20	-13.20	-11.20	-9.20	-7.20	-5.70	-4.40	-3.10	-1.30	0.00	1.30	2.80	4.60	7.10
	Cote	-1.03	-1.03	-0.93	-0.73	-0.58	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18	-0.41	-0.71	-0.71

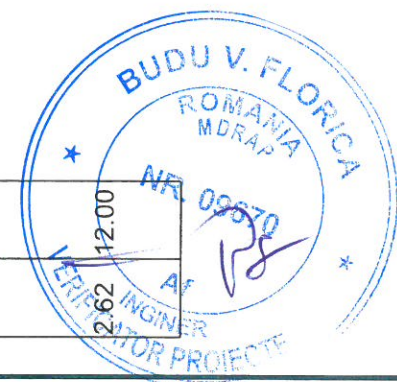


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> Terasamente DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 34+660</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts01 01 00</b>	

km 34+860

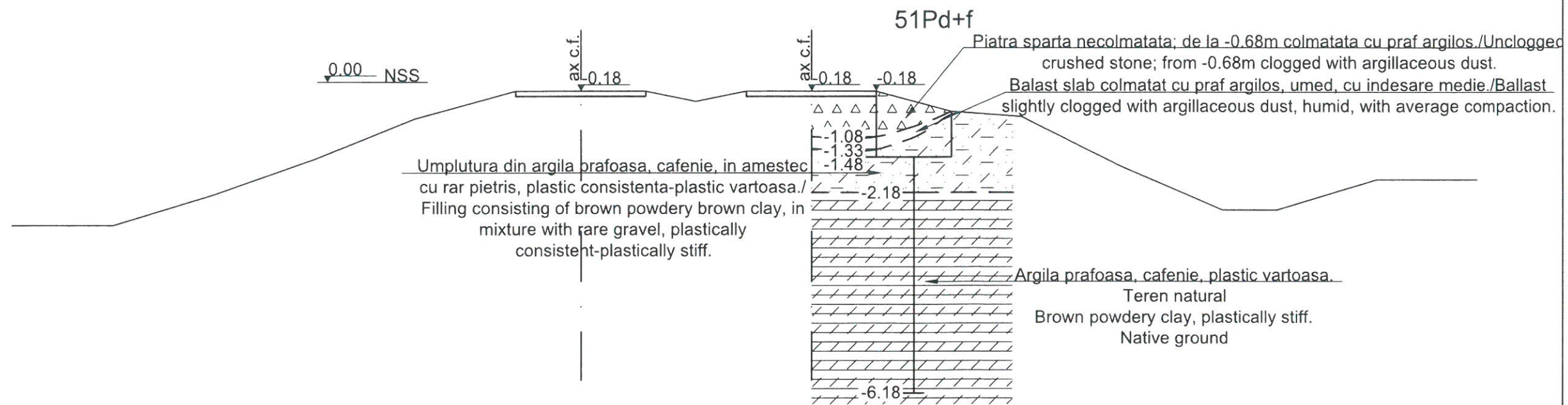


Teren	Distante	13.80	11.80	9.80	7.80	6.50	5.20	3.90	3.00	2.60	1.30	0.00	1.30	3.30	5.30	6.00	8.00	10.00
	Cote	1.17	-0.13	-0.98	-0.58	-0.28	-0.28	-0.28	-0.28	-0.58	-0.58	-0.18	-0.18	-0.18	-0.83	-1.43	-1.43	-0.68

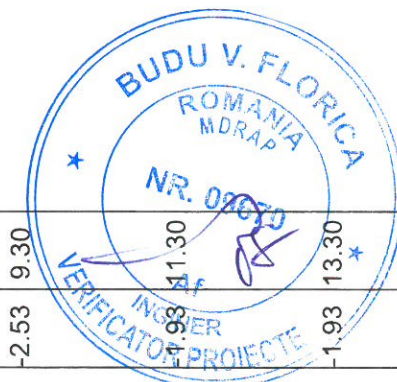


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 34+860</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts02 01 00</b>	

# km 35+200

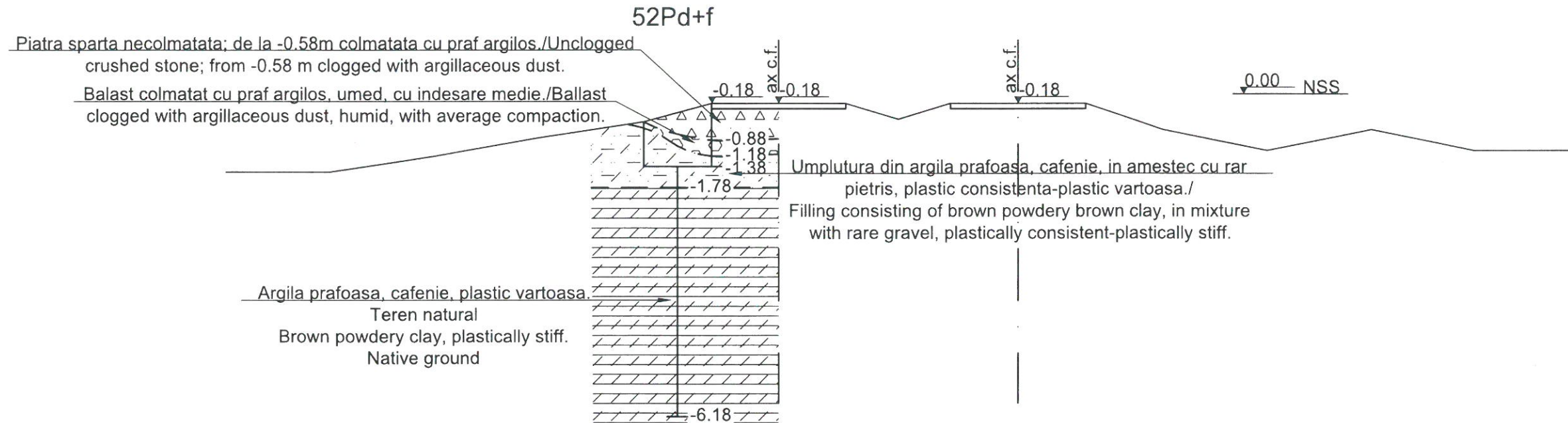


Teren	Distante	-2.83 -15.90	-2.83 -13.90	-2.23 -11.90	-1.53 -9.90	-0.73 -7.90	-0.18 -5.90	-0.18 -4.60	-0.18 -3.30	-0.38 -2.30	-0.18 -1.30	0.00	1.30	2.80	4.20	6.20	8.20	9.30	13.30
	Cote	-2.83	-2.83	-2.23	-1.53	-0.73	-0.18	-0.18	-0.18	-0.38	-0.18	-0.18	-0.18	-0.58	-0.68	-1.68	-2.53	-2.53	-1.93

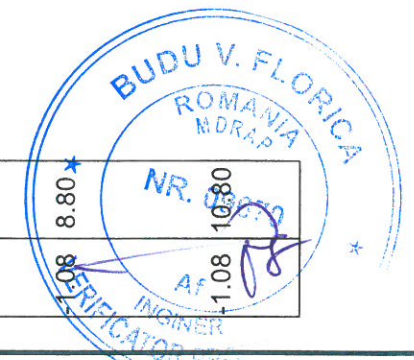


BENEFICIAR BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004		PROJECT TITLE/ WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		SPECIALITATE/ SPECIALITY:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		DENUMIRE PLAN/ DRAWING TITLE:	
MP/PM: ing. M. Baicu		STUDIUL GEOTEHNIC Terasamente	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM:	
		SG 207 Lot 2 21 Ts03 01 00	

# km 35+500

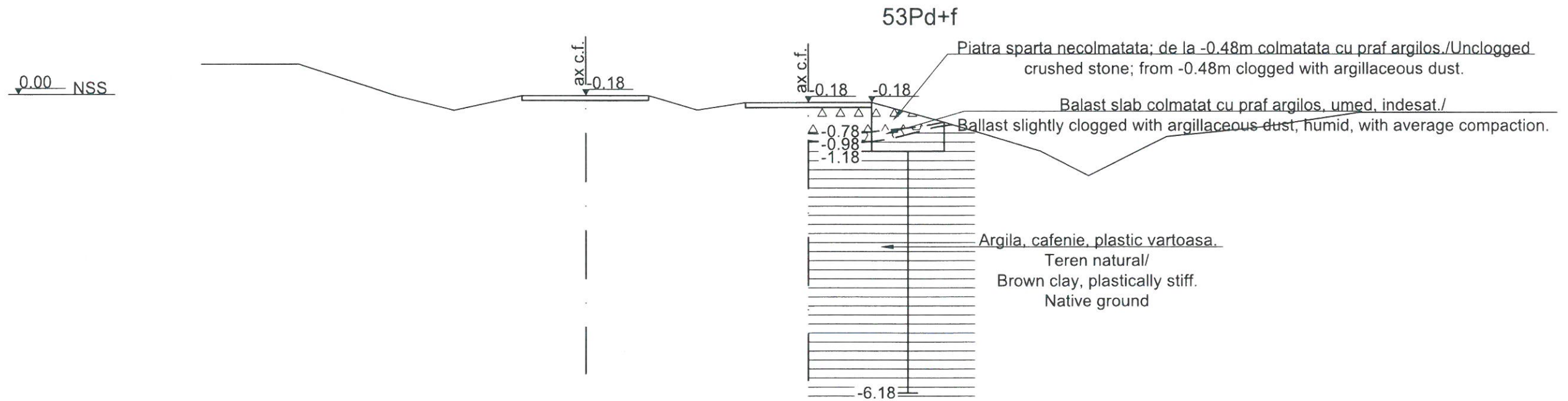


Teren	Distante	-15.20	-13.20	-11.20	-9.20	-7.20	-5.90	-4.60	-3.30	-2.30	-1.30	0.00	1.30	2.80	4.80	6.80	8.80
	Cote	-1.48	-1.48	-1.18	-0.83	-0.53	-0.18	-0.18	-0.18	-0.48	-0.18	-0.18	-0.18	-0.68	-1.08	-0.68	-0.68



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 35+500</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts04 01 00</b>	
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	

km 35+900

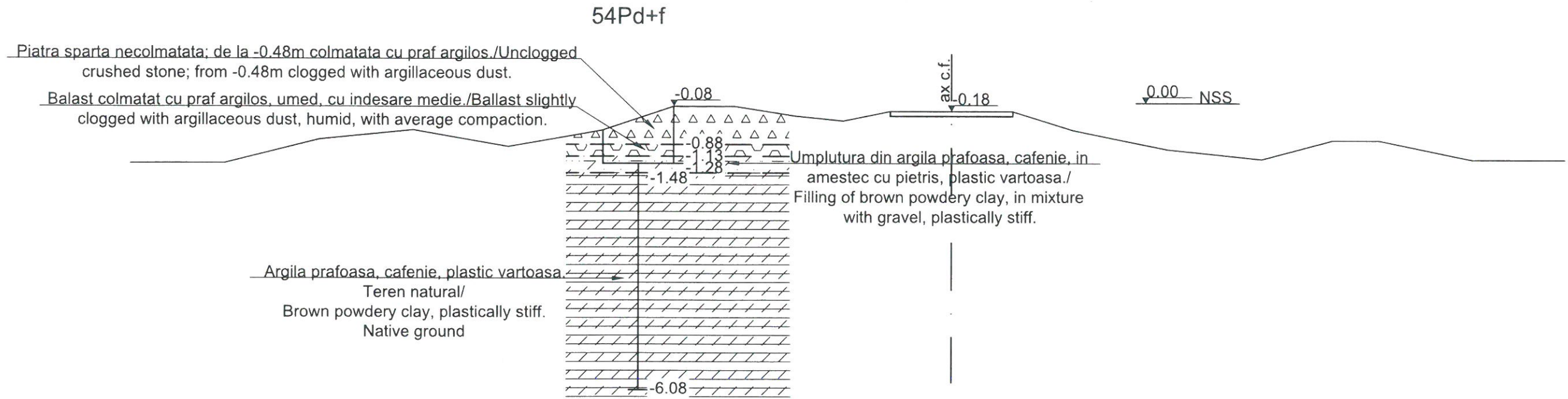


Teren	Distante	-12.50	-10.50	-8.50	-7.30	-5.90	-4.60	-3.30	-2.30	-1.30	0.00	1.30	2.80	4.80	5.80	7.40	9.40	11.40
	Cote	0.62	0.62	-0.03	-0.33	-0.03	-0.03	-0.03	-0.33	-0.18	-0.18	-0.58	-1.18	-1.68	-0.88	-0.68	-0.38	-0.38



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  & ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 35+900</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts05 01 00</b>	

# km 36+200



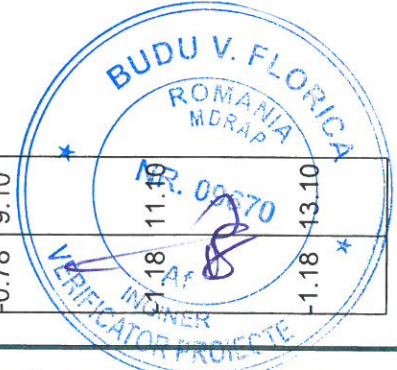
Piatra sparta necolmatata; de la -0.48m colmatata cu praf argilos./Unclogged crushed stone; from -0.48m clogged with argillaceous dust.

Balast colmatat cu praf argilos, umed, cu indesare medie./Ballast slightly clogged with argillaceous dust, humid, with average compaction.

Umplutura din argila prafoasa, cafenie, in amestec cu pietris, plastic vartoasa./ Filling of brown powdery clay, in mixture with gravel, plastically stiff.

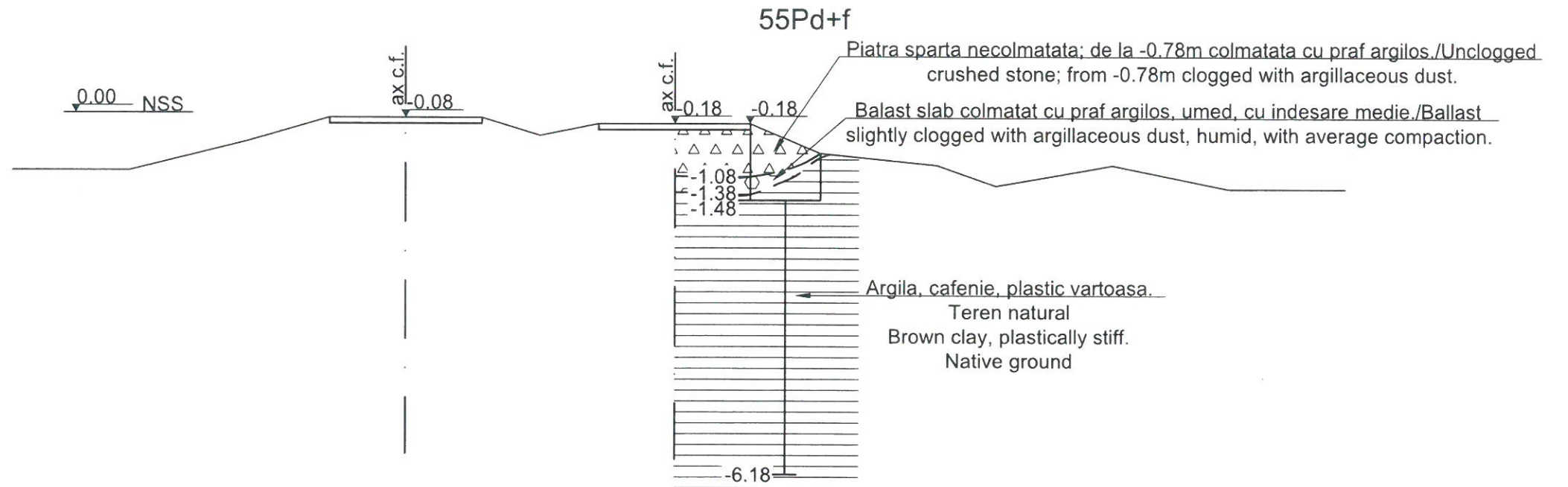
Argila prafoasa, cafenie, plastic vartoasa.  
Teren natural/  
Brown powdery clay, plastically stiff.  
Native ground

Teren	Distante	-17.40	-15.40	-13.40	-11.40	-9.40	-7.40	-5.90	-4.60	-3.30	-2.30	-1.30	0.00	1.30	2.60	4.60	6.60	8.10	9.10
	Cote	-1.28	-1.28	-0.78	-0.58	-0.93	-0.58	-0.08	-0.08	-0.28	-0.38	-0.18	-0.18	-0.18	-0.58	-0.98	-1.18	-0.78	-0.78

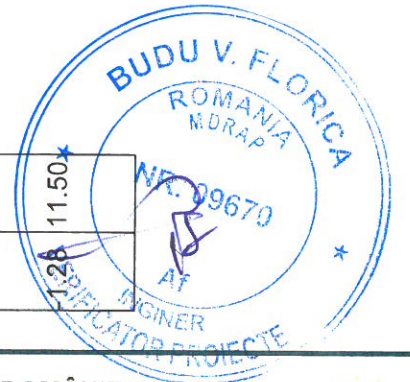


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 36+200</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts06 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

# km 36+500

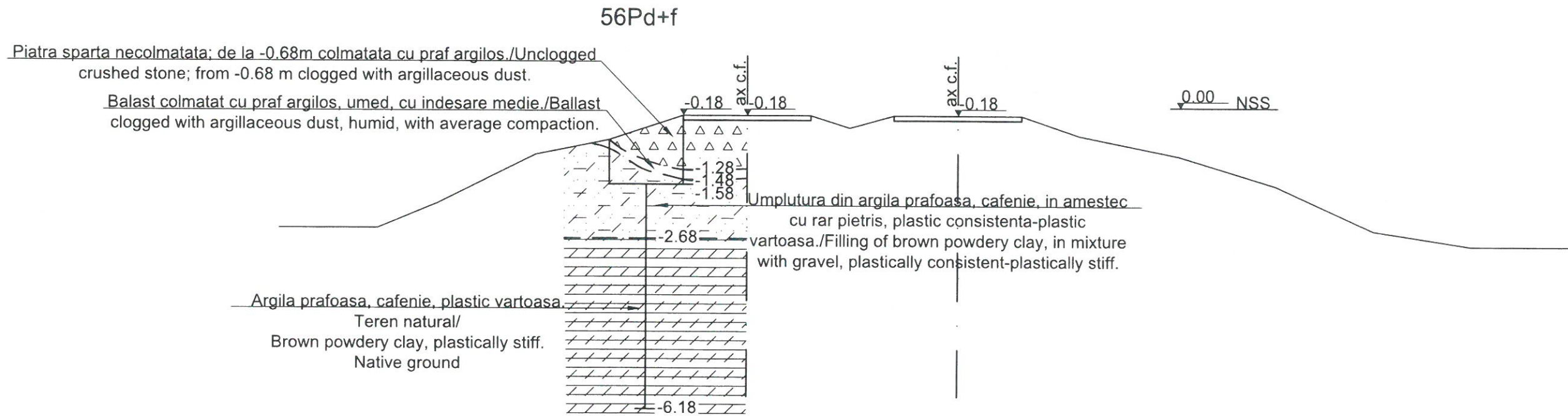


Teren	Distante	-11.30	-9.30	-7.30	-5.90	-4.60	-3.30	-2.30	-1.30	0.00	1.30	2.50	4.50	5.50	7.50	9.50
	Cote	-0.98	-0.98	-0.48	-0.08	-0.08	-0.08	-0.38	-0.18	-0.18	-0.18	-0.68	-0.88	-1.23	-0.88	-1.28

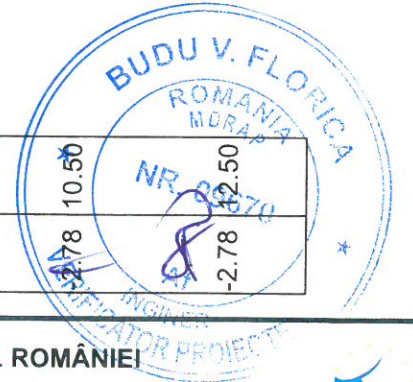


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 36+500</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts07 01 00</b>	

# km 36+800



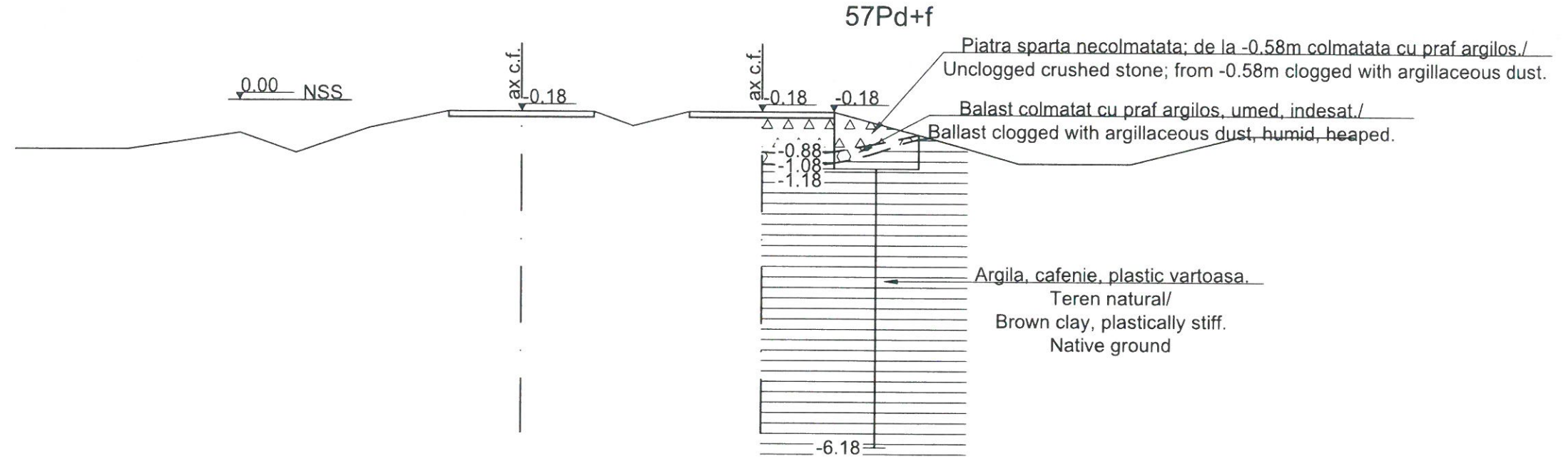
Teren	Distanțe	-13.80	-11.80	-10.60	-8.60	-7.10	-5.60	-4.30	-3.00	-2.20	-1.30	0.00	1.30	2.50	4.50	6.50	8.50
		Cote	-2.48	-2.48	-1.98	-0.98	-0.68	-0.18	-0.18	-0.18	-0.43	-0.18	-0.18	-0.18	-0.58	-0.98	-1.58



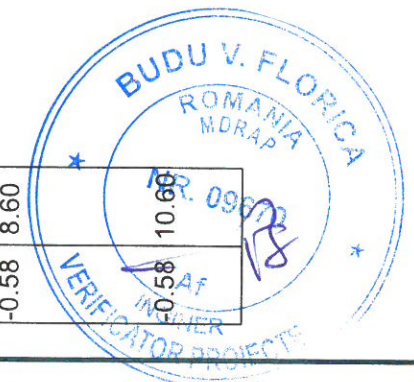
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>	SEMNATURA/SIGNATURE:	<b>STUDIU GEOTEHNIC</b> Terasamente	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>	SEMNATURA/SIGNATURE:	<b>Profil transversal km 36+800</b>	
MP/PM: <b>ing. M. Baicu</b>	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 21 Ts08 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	



km 37+100

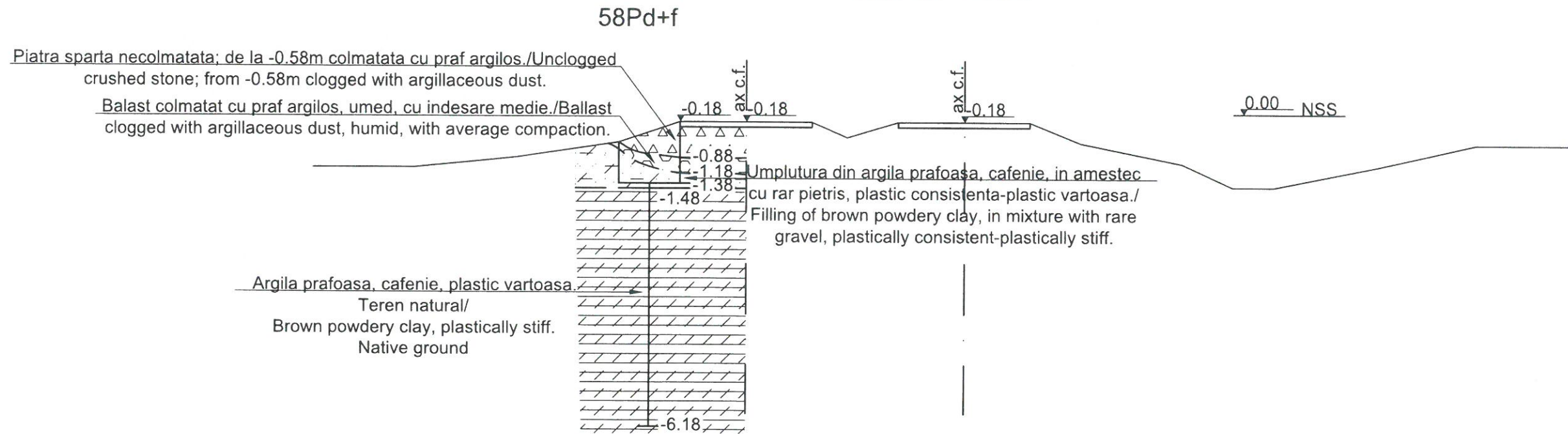


Teren	Distante	13.30	11.30	9.30	8.30	7.00	5.60	4.30	3.00	2.30	1.30	0.00	1.30	2.80	4.60	6.60	8.60
	Cote	-0.88	-0.88	-0.58	-0.93	-0.48	-0.18	-0.18	-0.18	-0.43	-0.18	-0.18	-0.18	-0.18	-0.58	-1.08	-1.08

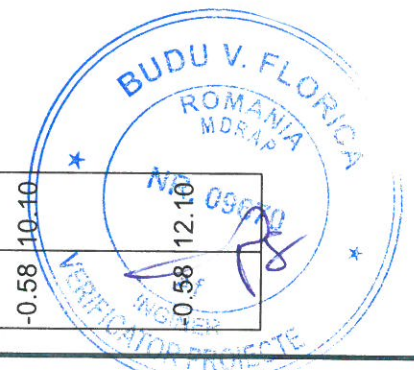


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  & ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROJECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 37+100</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO: 1		COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 21 Ts09 01 00	

km 37+400

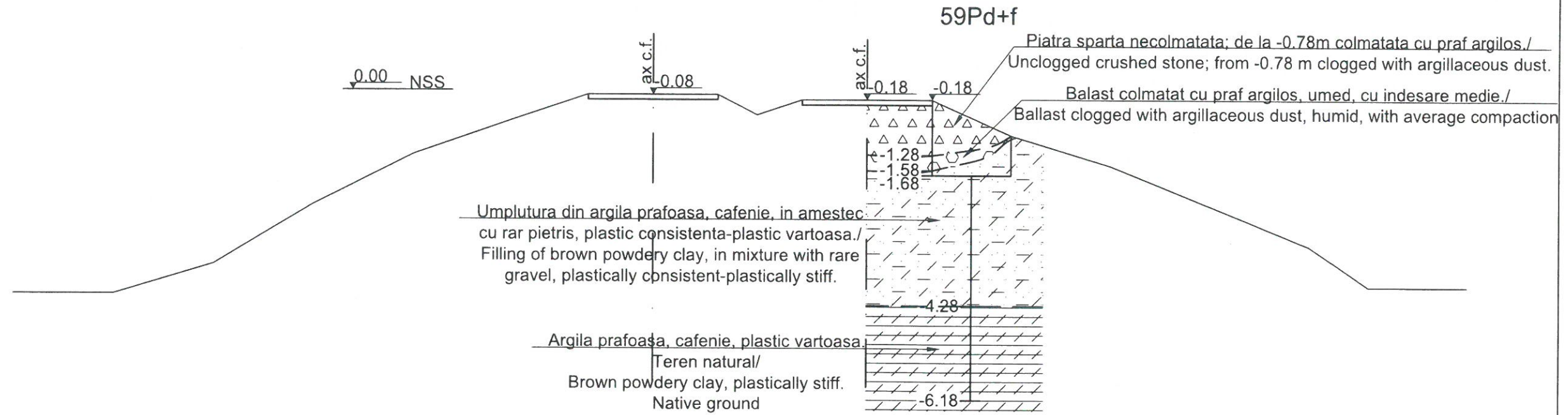


Teren	Distanțe	-12.80	-10.80	-8.80	-6.80	-5.60	-4.30	-3.00	-2.30	-1.30	0.00	1.30	2.30	4.30	5.30	6.10	8.10	10.10	12.10
		Cote	-1.08	-1.08	-0.88	-0.58	-0.18	-0.18	-0.18	-0.48	-0.18	-0.18	-0.18	-0.58	-0.98	-1.43	-1.43	-1.03	-0.58

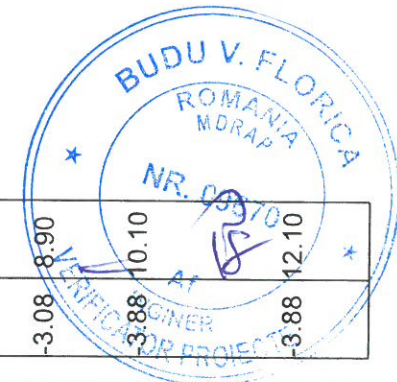


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS		<b>STUDIU GEOTEHNIC</b> Terasamente	
PROIECTANT/ DESIGNER:	NUME/NAME ing. Gh. Neata	SEMNATURA/ SIGNATURE 	SPECIALITATE/ SPECIALITY
EXPERT CHEIE/ KEY EXPERT:	ing. C. Grosu		DENUMIRE PLAN/ DRAWING TITLE:
MP/PM:	ing. M. Baicu		COD PLAN/ CODIFICATION SYSTEM:
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./ EXEMPLARY NO. 1	SG 207 Lot 2 21 Ts10 01 00

km 37+800



Teren	Distante	-17.10	-15.10	-13.10	-11.10	-9.10	-7.10	-5.60	-4.30	-3.00	-2.20	-1.30	0.00	1.30	2.90	4.90	6.90	8.90	10.10	12.10
	Cote	-4.08	-4.08	-3.48	-2.28	-1.28	-0.58	-0.08	-0.08	-0.08	-0.48	-0.18	-0.18	-0.18	-0.88	-1.48	-2.28	-3.08	-3.88	-3.88



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROJECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
& J40/9877/2001 J40/20534/2004		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER	NUME/NAME ing. Gh. Neata	SEMNTURA/ SIGNATURE	SPECIALITATE/ SPECIALITY
EXPERT CHEIE/ KEY EXPERT	ing. C. Grosu		<b>STUDIUL GEOTEHNIC</b> Terasamente <b>Profil transversal km 37+800</b>
MP/PM	ing. M. Baicu		
DATA/DATE:	03.2018	SCARA/SCALE:	1:100
EXEMPLAR NR./ EXEMPLARY NO.	1	EXEMPLAR NR./ EXEMPLARY NO.	1
COD PLAN/ CODIFICATION SYSTEM:		SG 207 Lot 2 21 Ts11 01 00	

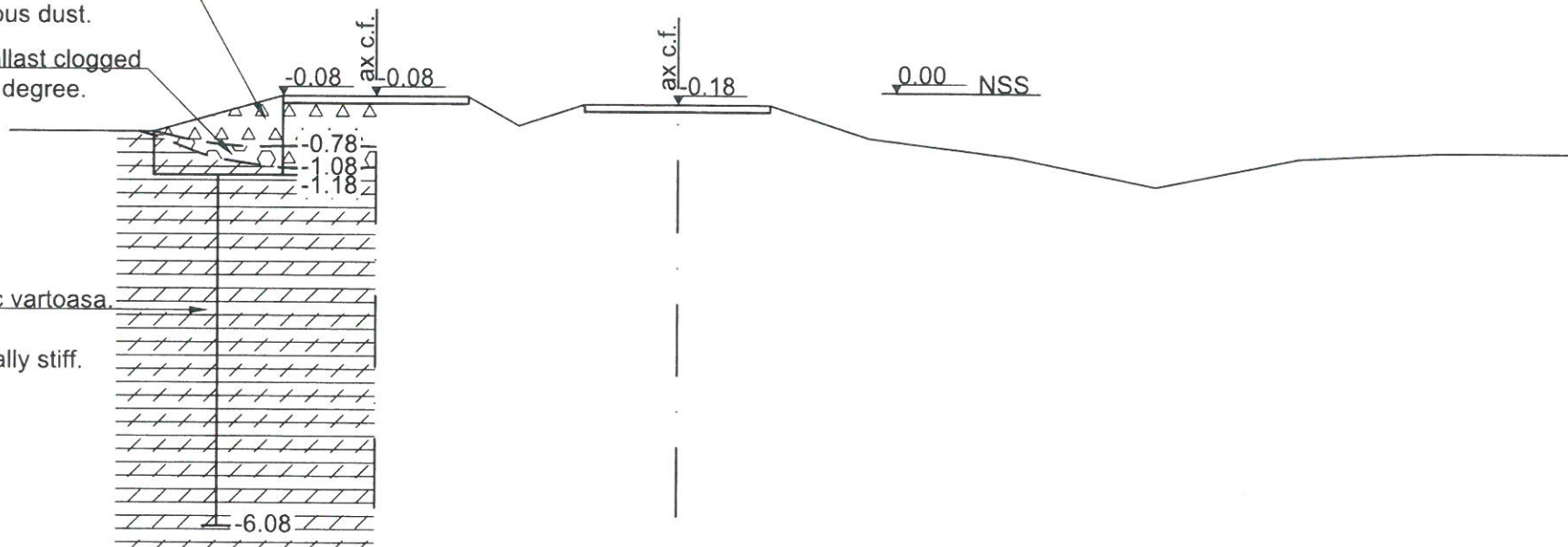
60Pd+f

km 38+100

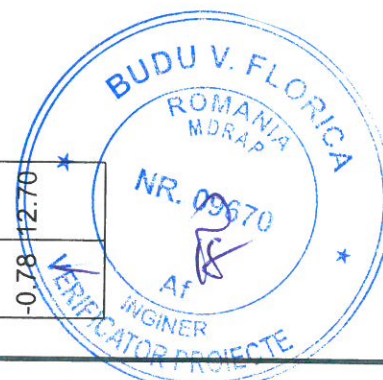
Piatra sparta necolmatata; de la -0.58m colmatata cu praf argilos./Unclogged crushed stone; from -0.58m clogged with argillaceous dust.

Balast colmatat cu praf argilos, umed, cu indesare medie./Ballast clogged with argillaceous dust, humid, with average compaction degree.

Argila prafoasa, cafenie, plastic vartoasa.  
Teren natural/  
Brown powdery clay, plastically stiff.  
Native ground

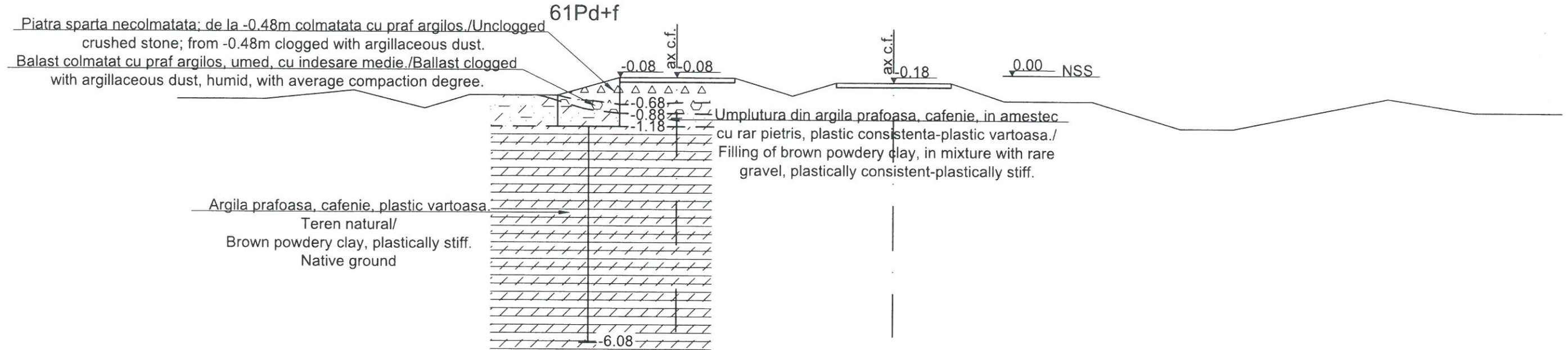


Teren	Distante	-9.30	-7.30	-5.50	-4.20	-2.90	-2.20	-1.30	0.00	1.30	2.70	4.70	6.70	8.70	10.70	12.70
	Cote	-0.58	-0.58	-0.08	-0.08	-0.08	-0.48	-0.18	-0.18	-0.18	-0.63	-0.88	-1.28	-0.88	-0.78	-0.78



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/SPECIALITY:	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	
		<b>SG 207 Lot 2 21 Ts12 01 00</b>	

# km 38+400

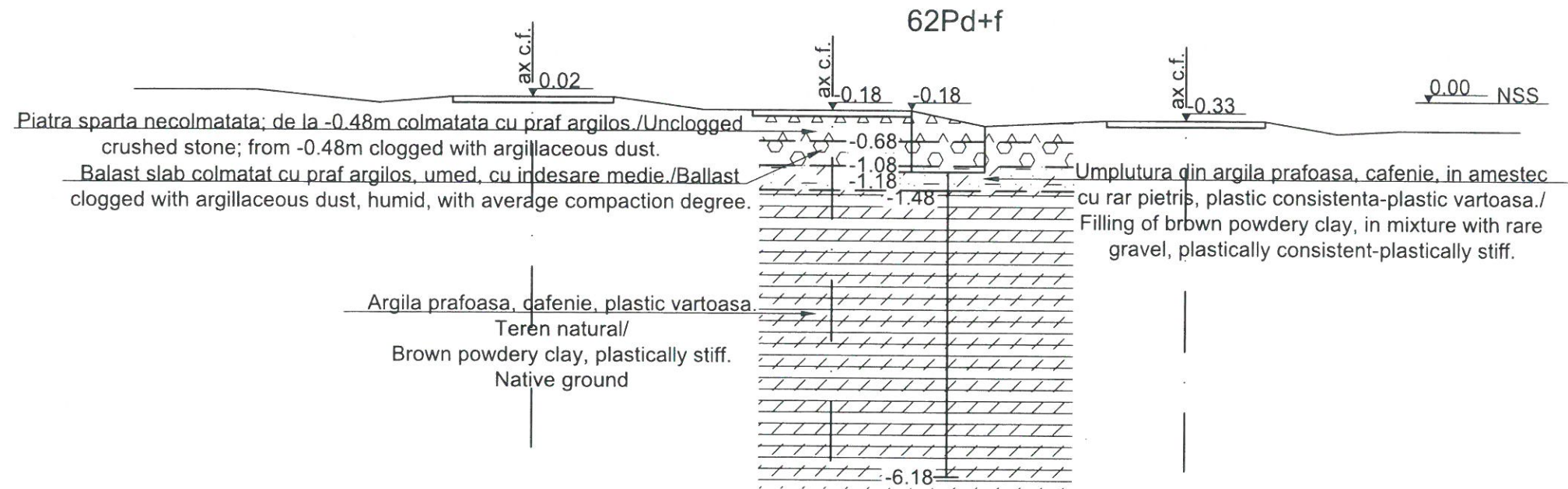


Teren	Distante	-16.20	-14.20	-12.20	-10.60	-9.60	-7.60	-6.20	-4.90	-3.60	-2.30	-1.30	0.00	1.30	2.50	4.50	6.50	7.70	9.70	11.20
	Cote	-0.58	-0.58	-0.38	-0.78	-0.48	-0.48	-0.08	-0.08	-0.08	-0.48	-0.18	-0.18	-0.18	-0.58	-0.58	-1.18	-1.18	-0.78	-0.48



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
& J40/9877/2001 J40/20534/2004		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER	NUME/NAME ing. Gh. Neata	SEMNAȚURA/ SIGNATURE	SPECIALITATE/ SPECIALITY
EXPERT CHEIE/ KEY EXPERT	ing. C. Grosu		<b>STUDIUL GEOTEHNIC</b> Terasamente <b>Profil transversal km 38+400</b>
MP/PM	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	EXEMPLAR NR./ EXEMPLARY NO. 1
COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 21 Ts13 01 00			

km 38+800



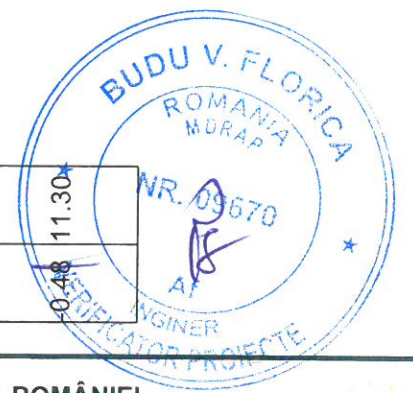
Piatra sparta necolmatata; de la -0.48m colmatata cu praf argilos./Unclogged crushed stone; from -0.48m clogged with argillaceous dust.

Balast slab colmatat cu praf argilos, umed, cu indesare medie./Ballast clogged with argillaceous dust, humid, with average compaction degree.

Umplutura din argila prafoasa, cafenie, in amestec cu rar pietris, plastic consistenta-plastic vartoasa./ Filling of brwn powdery clay, in mixture with rare gravel, plastically consistent-plastically stiff.

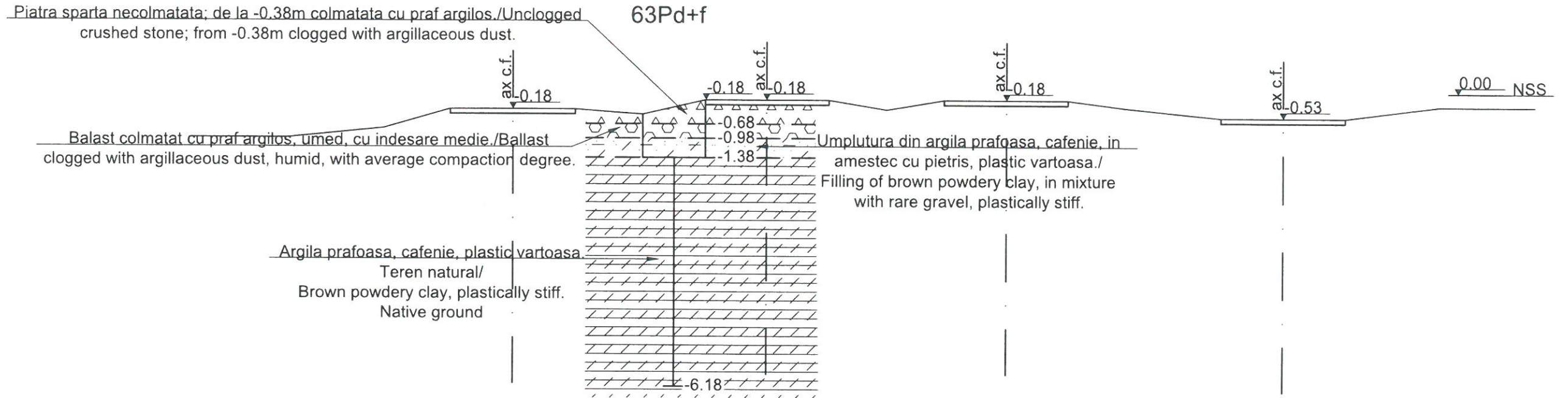
Argila prafoasa, cafenie, plastic vartoasa.  
Teren natural/  
Brown powdery clay, plastically stiff.  
Native ground

Teren	Distante	-11.40	-9.40	-7.40	-6.20	-4.90	-3.60	-2.10	-1.30	0.00	1.30	2.50	4.50	5.80	7.10	8.30	9.30	11.30
	Cote	0.12	0.12	-0.08	0.02	0.02	0.02	-0.18	-0.18	-0.18	-0.18	-0.43	-0.33	-0.33	-0.33	-0.53	-0.48	-0.48

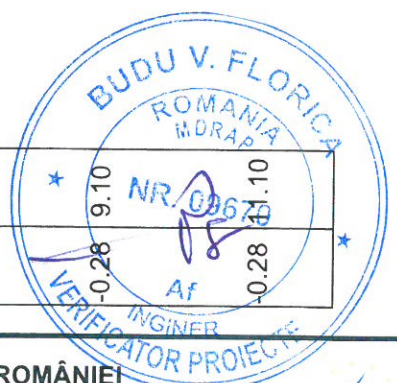


BENEFICIAR/ BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: ing. Gh. Neata	SEMNATURA/ SIGNATURE:	SPECIALITATE/ SPECIALITY: STUDIUL GEOTEHNIC Terasamente	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu	SEMNATURA/ SIGNATURE:	DENUMIRE PLAN/ DRAWING TITLE: Profil transversal km 38+800	
MP/PM: ing. M. Baicu	SEMNATURA/ SIGNATURE:	COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 21 Ts14 01 00	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO: 1		COD PLAN/ CODIFICATION SYSTEM:	

# km 39+200

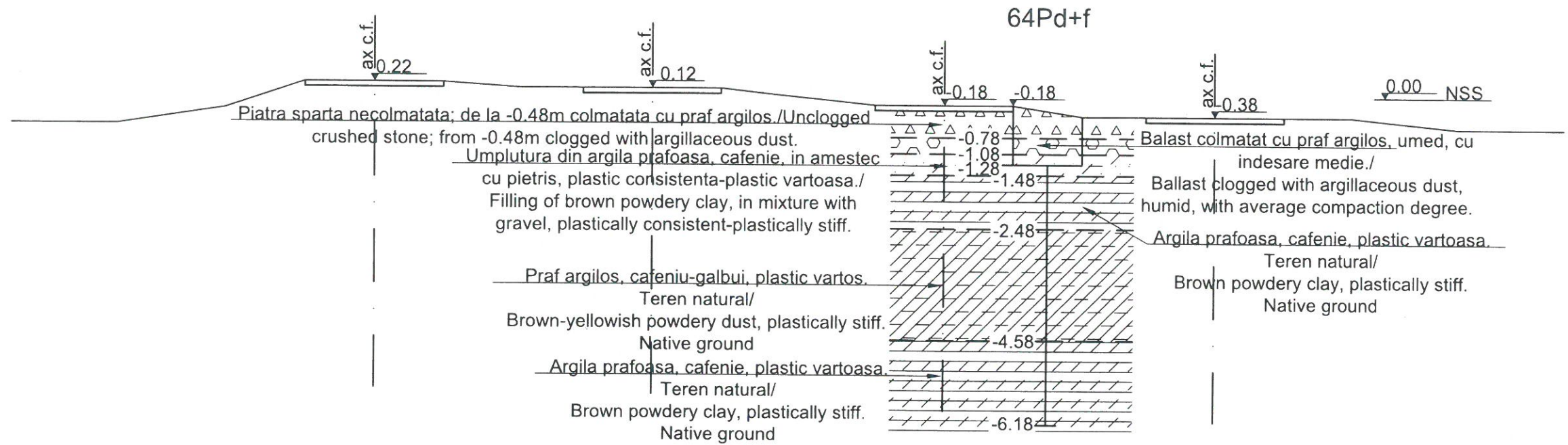


Teren	Distante	Cote																
		-17.00	-15.00	-13.00	-11.60	-10.30	-9.00	-7.60	-6.30	-5.00	-3.70	-2.50	-1.30	0.00	1.30	2.50	4.50	5.80

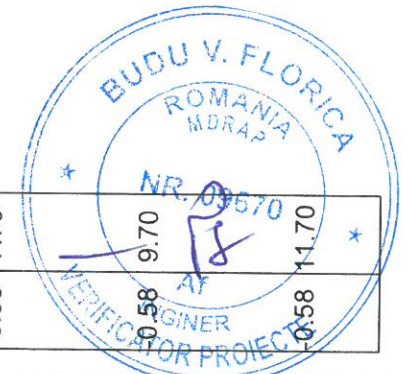


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY: <b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY		<b>"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"</b> <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE: & SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> PROJECT TITLE/ WORKS TITLE: <b>STUDIU GEOTEHNIC Terasamente</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> ing. M. Baicu	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 39+200</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 23 Ts01 01 00	

km 39+500



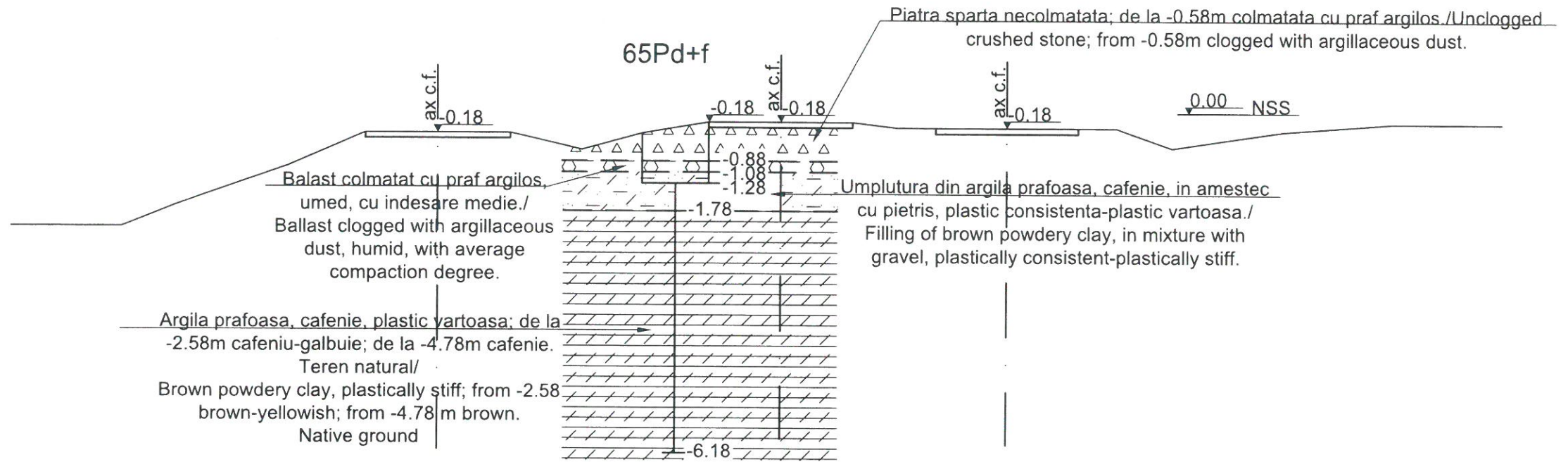
Teren	Distante	-17.50	-15.50	-13.50	-12.00	-10.70	-9.40	-8.00	-6.80	-5.50	-4.20	-3.30	-1.30	0.00	1.30	2.60	3.80	5.10	6.40	7.70
	Cote	-0.40	-0.40	-0.10	0.22	0.22	0.22	0.12	0.12	0.12	0.12	0.02	-0.18	-0.18	-0.18	-0.38	-0.38	-0.38	-0.38	-0.38



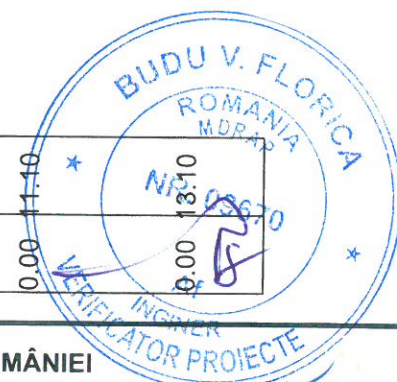
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/Joint Venture: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>		<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 39+500</b>	
MP/PM: <b>ing. M. Baicu</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 23 Ts02 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	



km 39+800

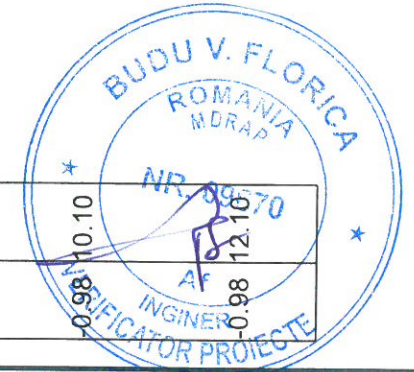
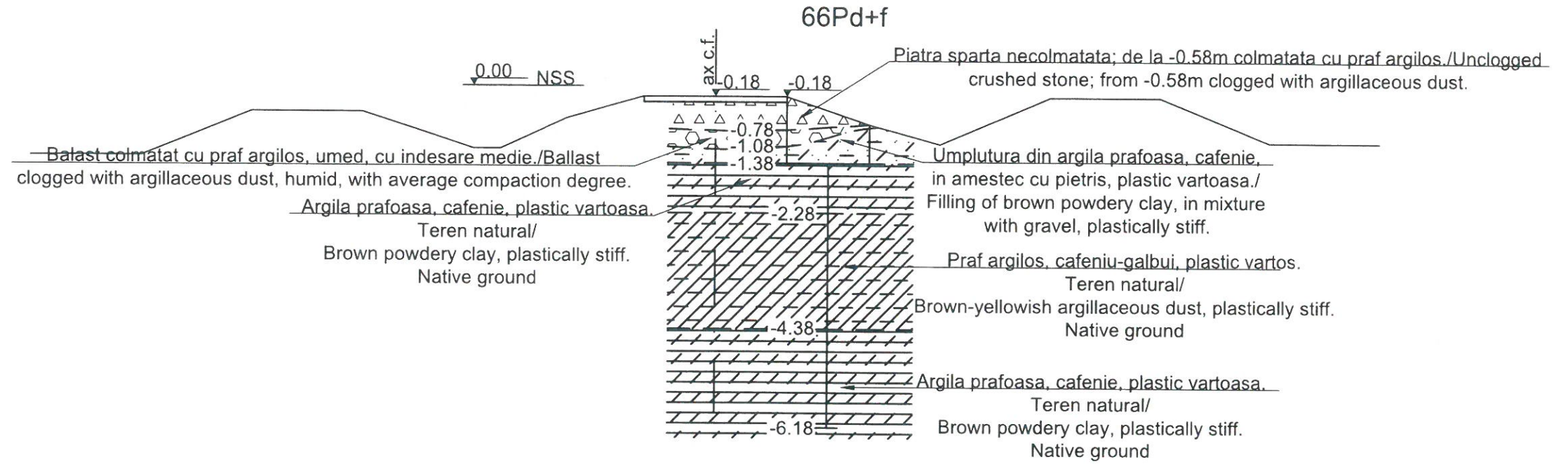


Teren	Distante	-1.90	-1.90	-1.90	-0.90	-0.75	-0.62	-0.49	-0.36	-0.25	-0.13	0.00	1.30	2.10	4.10	6.10	7.10	9.10	11.10
	Cote	-1.90	-1.90	-1.50	-0.80	-0.20	-0.20	-0.20	-0.50	-0.20	0.00	0.00	0.00	-0.10	-0.10	-0.45	-0.15	0.00	0.00



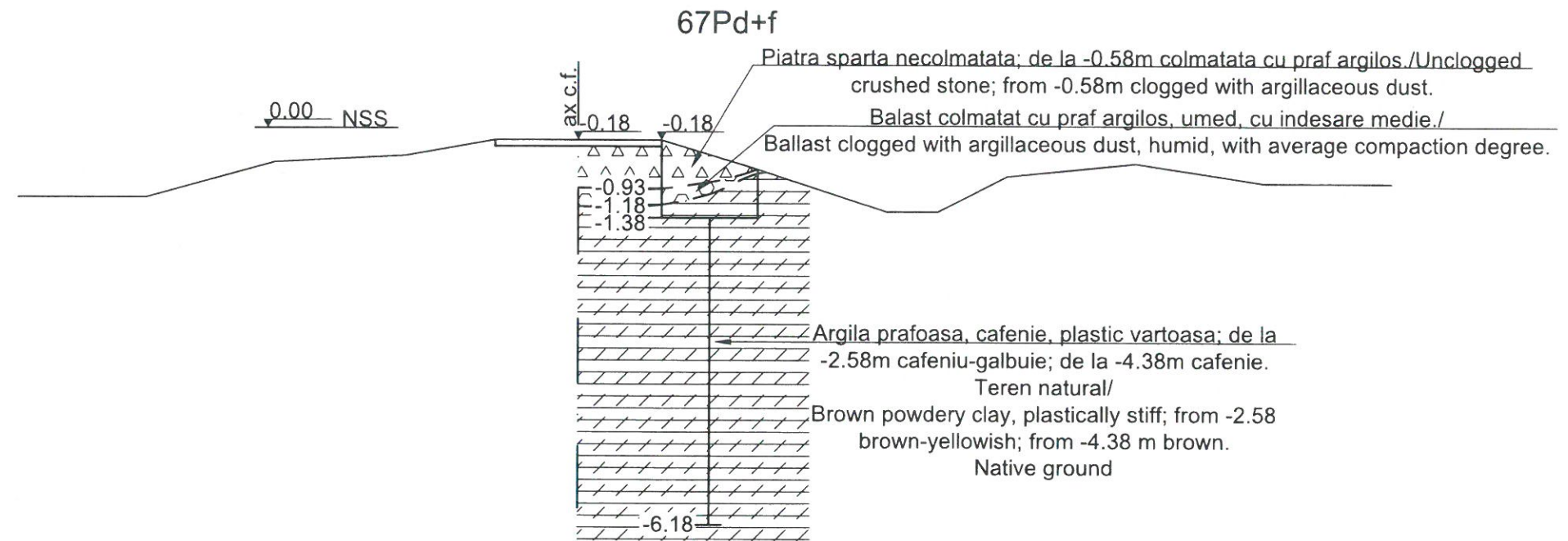
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIERE/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 39+800</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts03 01 00	

km 40+100



BENEFICIAR BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROJECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY: STUDIU GEOTEHNIC Terasamente	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE: Profil transversal km 40+100	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts04 01 00	

km 40+400

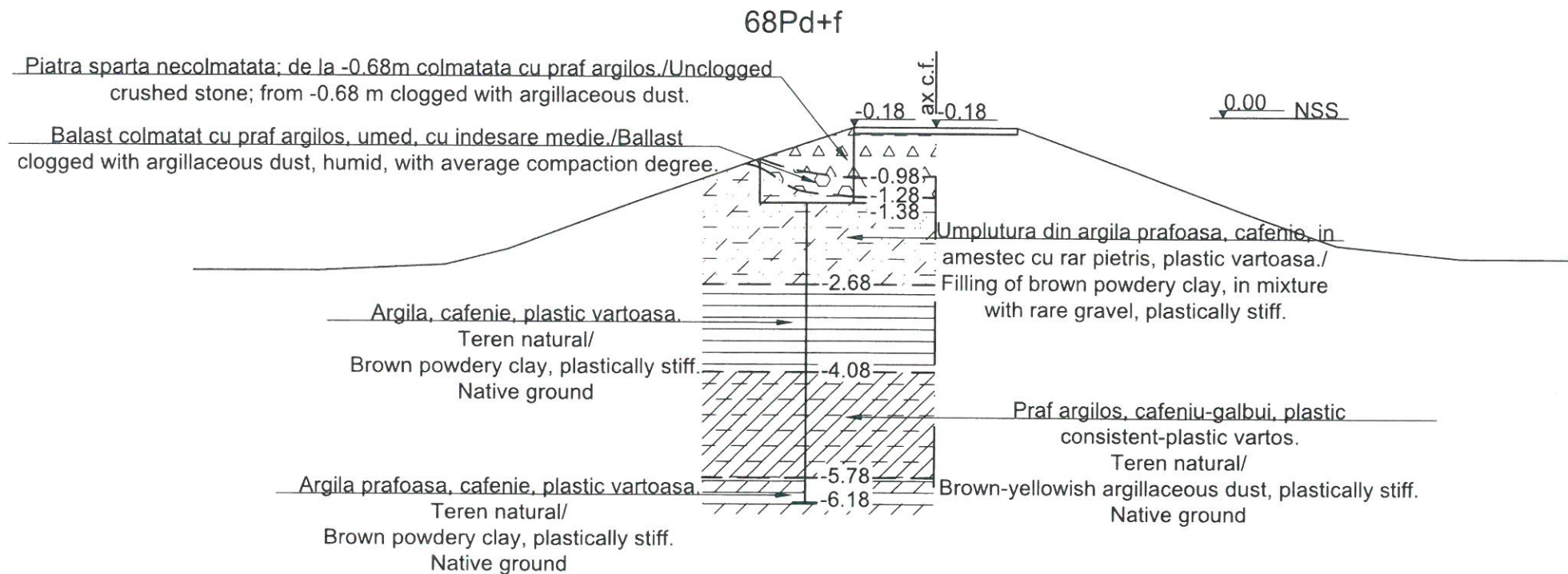


Teren	Distante	-8.70	-6.70	-4.70	-2.70	-1.30	0.00	1.30	2.80	4.80	5.60	6.70	8.70	10.70	12.70 *
	Cote	-1.08	-1.08	-0.53	-0.43	-0.18	-0.18	-0.18	-0.63	-1.28	-1.28	-0.73	-0.53	-0.83	-0.83

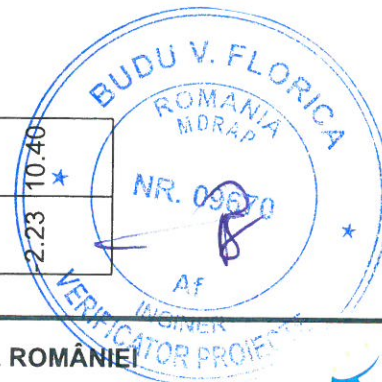


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: ing. Gh. Neata	SEMNATURA/ SIGNATURE:	SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu	SEMNATURA/ SIGNATURE:	DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 40+400</b>	
MP/PM: ing. M. Baicu	SEMNATURA/ SIGNATURE:	COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 23 Ts05 01 00</b>	
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>	COD PLAN/ CODIFICATION SYSTEM:

# km 40+800



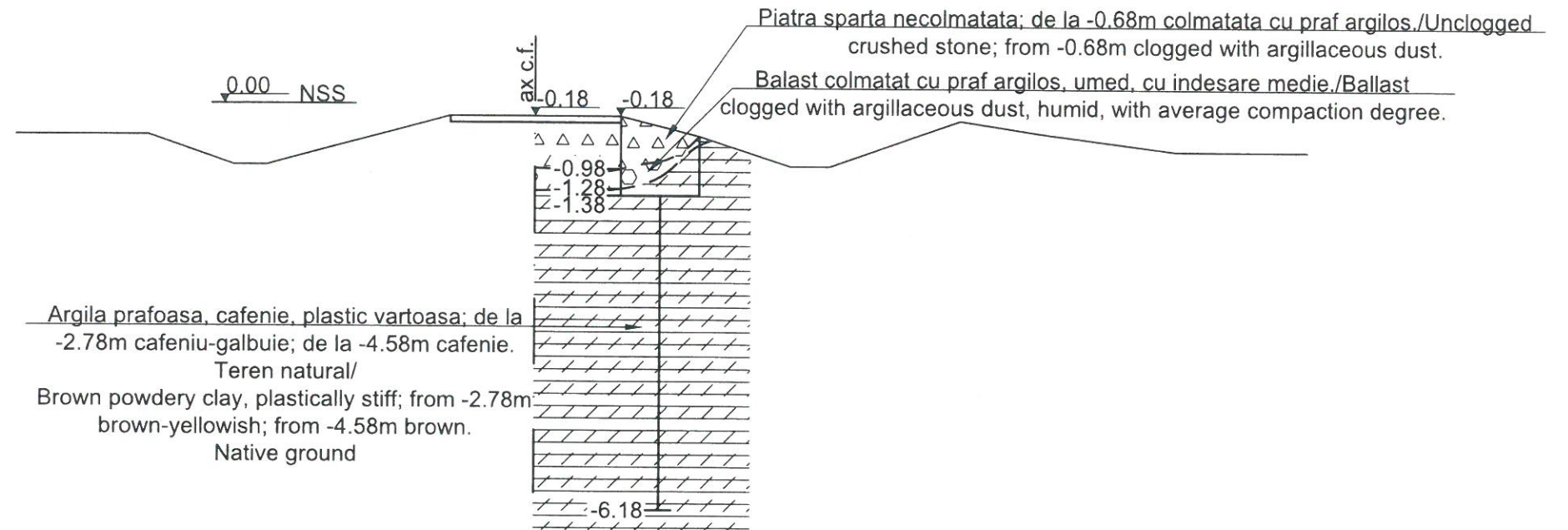
Teren	Distante	-11.80	-9.80	-7.80	-6.80	-4.80	-2.80	-1.30	0.00	1.30	3.10	5.10	6.40	8.40	10.40
	Cote	-2.48	-2.48	-2.38	-2.13	-1.38	-0.68	-0.18	-0.18	-0.18	-0.83	-1.58	-2.03	-2.23	-2.23



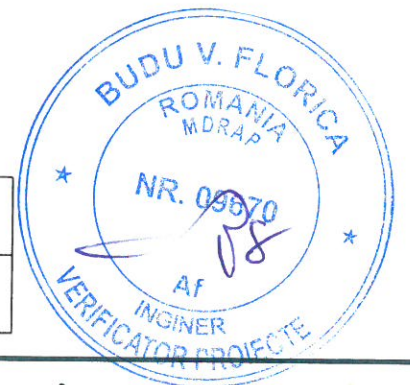
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR BENEFICIARY:</b>		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b>		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b>	
<b>ASOCIEREA/ JOINT VENTURE:</b>		<b>PROJECT TITLE/ WORKS TITLE:</b>	
<b>SUBCONTRACTANT/ GEO - SERV SRL</b>		<b>"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"</b>	
<b>SUBCONTRACTOR: JI40/12943/1994</b>		<b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b>	
<b>PROIECTANT/ DESIGNER:</b>		<b>SPECIALITATE/ SPECIALITY:</b>	
<b>EXPERT CHEIE/ KEY EXPERT:</b>		<b>DENUMIRE PLAN/ DRAWING TITLE:</b>	
<b>MP/PM:</b>		<b>STUDIU GEOTEHNIC Terasamente</b>	
<b>DATA/DATE:</b>		<b>SCARA/SCALE:</b>	
<b>03.2018</b>		<b>1:100</b>	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b>		<b>COD PLAN/ CODIFICATION SYSTEM:</b>	
<b>1</b>		<b>SG 207 Lot 2 23 Ts06 01 00</b>	

km 41+100

69Pd+f

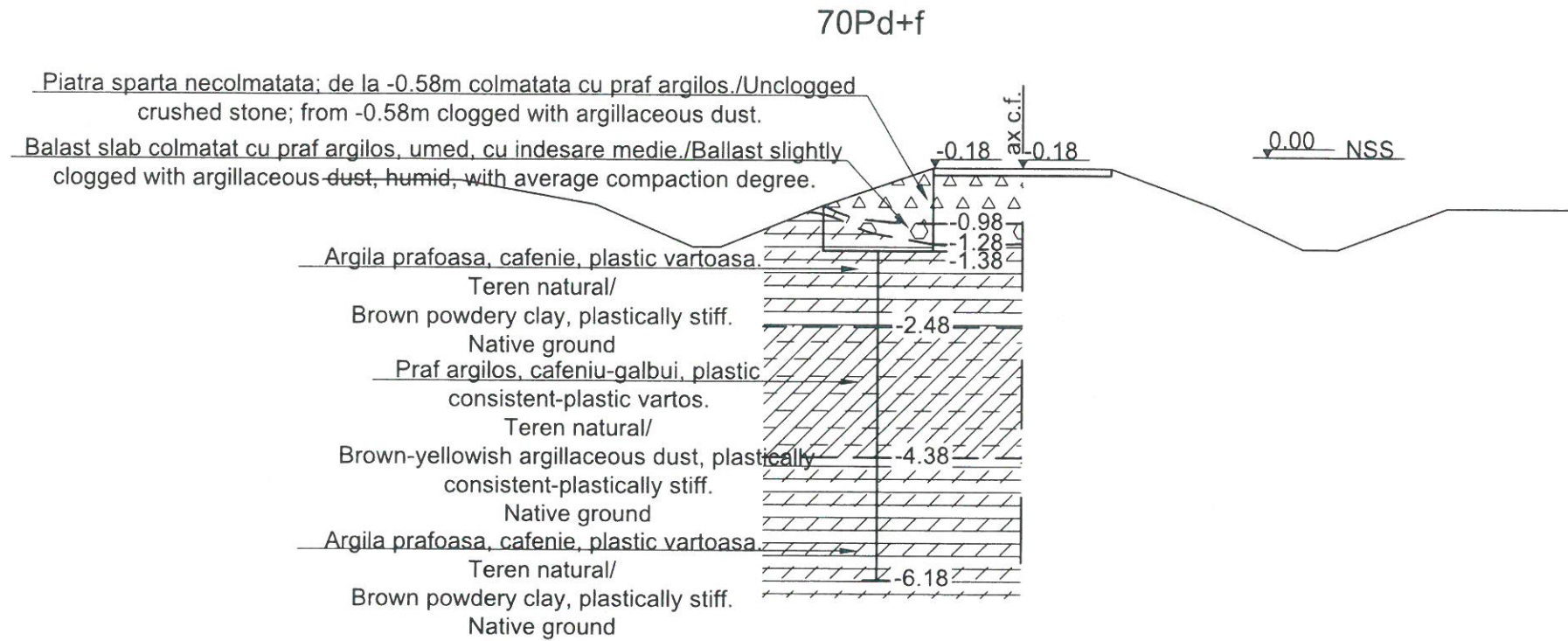


Teren	Distante	-7.90	-5.90	-4.60	-4.10	-2.80	-1.30	0.00	1.30	2.50	3.90	4.50	6.50	7.80	9.80	11.80
	Cote	-0.48	-0.48	-0.93	-0.93	-0.58	-0.18	-0.18	-0.18	-0.48	-0.93	-0.93	-0.23	-0.43	-0.68	-0.68



PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT		GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: STUDIU GEOTEHNIC Terasamente DENUMIRE PLAN/DRAWING TITLE: Profil transversal km 41+100	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts07 01 00	

km 41+400

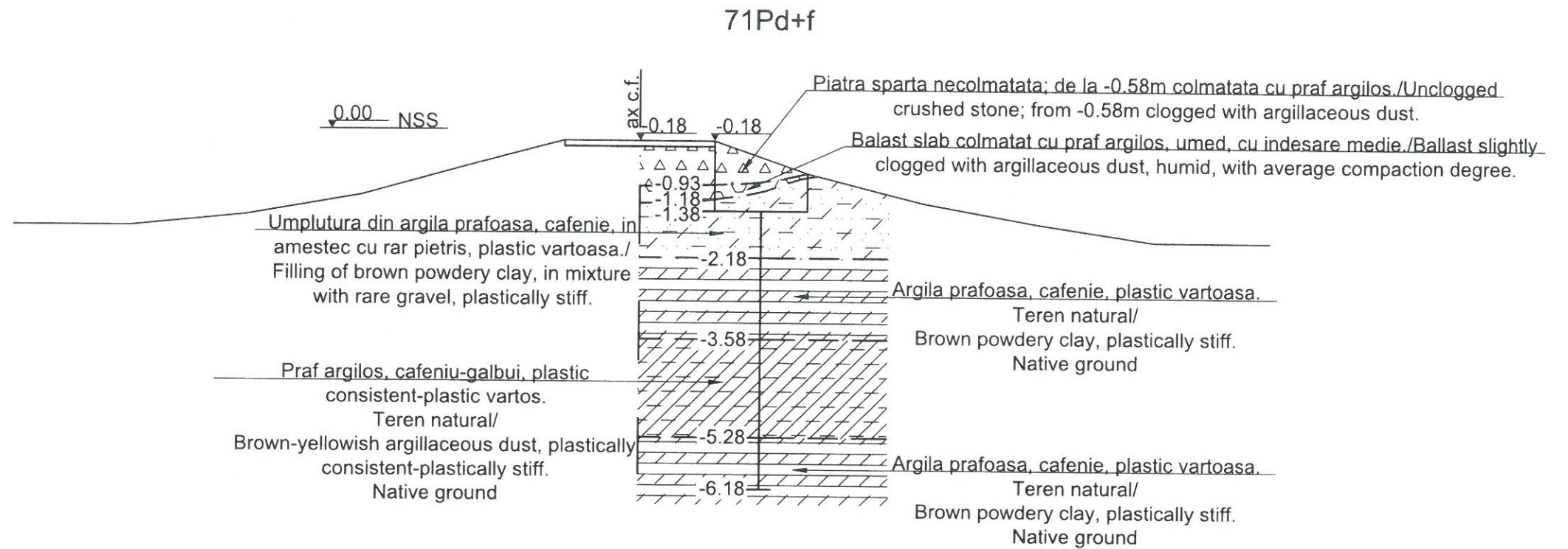


Teren	Distante	-10.20	-8.20	-6.20	-4.80	-4.40	-2.90	-1.30	0.00	1.30	2.80	4.10	4.60	6.20	8.20
	Cote	-0.38	-0.38	-0.73	-1.33	-1.33	-0.73	-0.18	-0.18	-0.18	-0.73	-1.33	-1.33	-0.73	-0.73

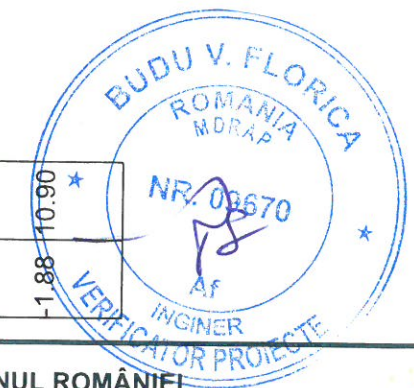


PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT		GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM:	
		SG 207 Lot 2 23 Ts08 01 00	

km 41+800

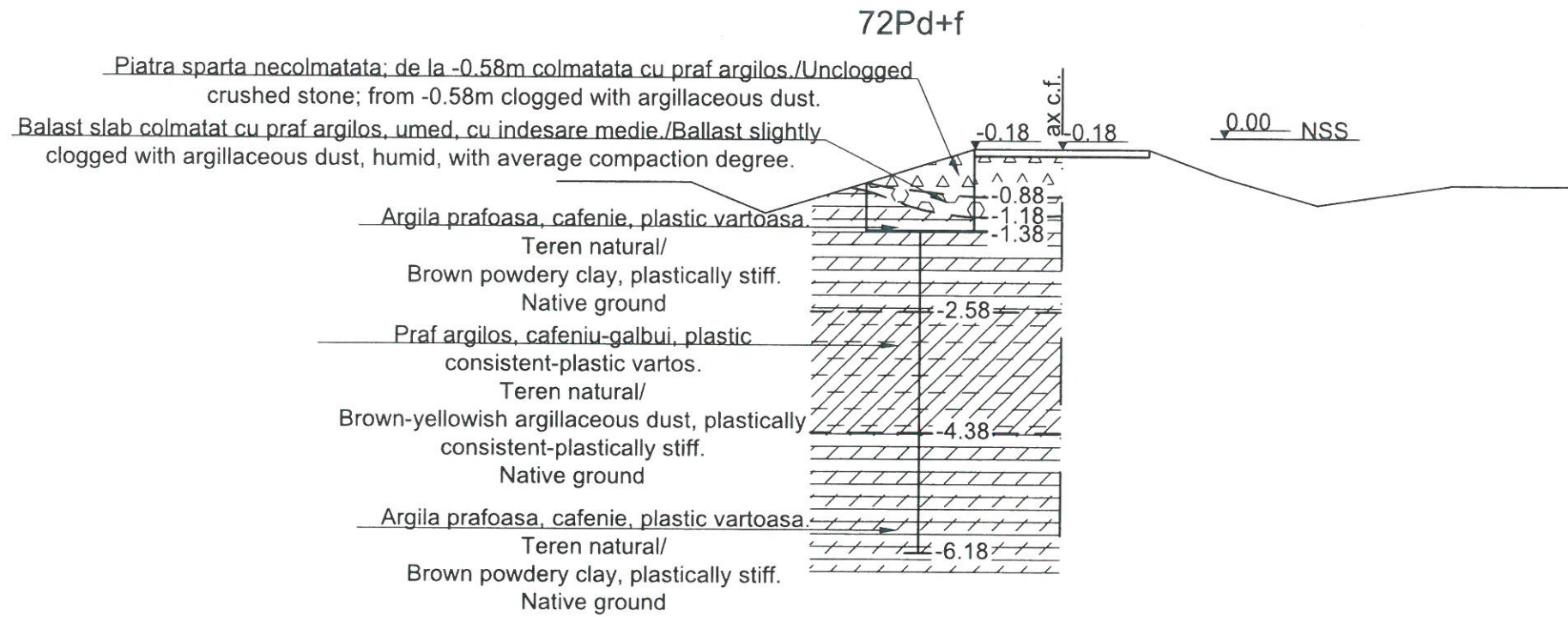


Teren	Distante	-10.80	-8.80	-6.80	-4.80	-2.80	-1.30	0.00	1.30	2.90	4.90	6.90	8.90	10.90*
	Cote	-1.68	-1.68	-1.48	-1.13	-0.58	-0.18	-0.18	-0.18	-0.73	-1.23	-1.58	-1.88	-1.88

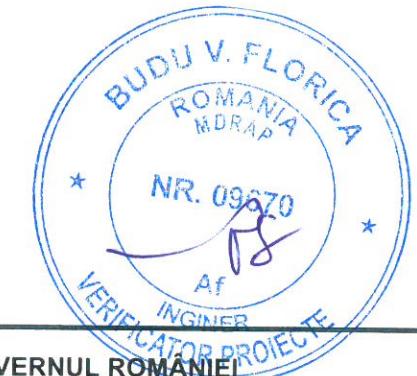


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE: & J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 41+800</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 23 Ts09 01 00	

km 42+200



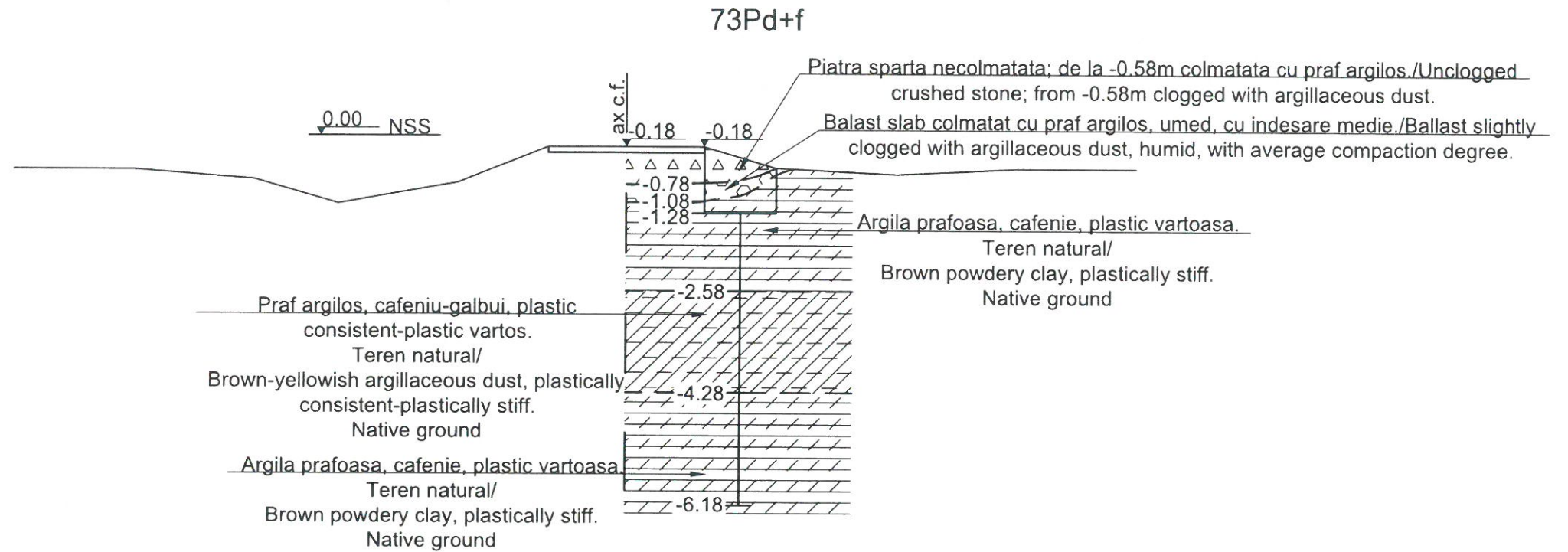
Teren	Distante	7.50	5.50	4.40	2.90	1.30	0.00	1.30	2.40	3.80	5.80	7.80
	Cote	-0.68	-0.68	-1.13	-0.68	-0.18	-0.18	-0.18	-0.58	-0.98	-0.68	-0.68



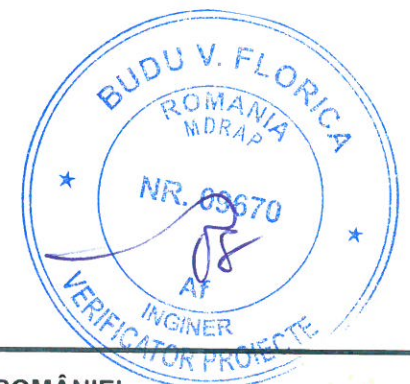
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY: <b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY			
PROIECTANT/DESIGNER:  & <b>ASOCIEREA/Joint Venture:</b> J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER	ing. Gh. Neata	SEMNATURA/SIGNATURE	SPECIALITATE/SPECIALITY
EXPERT CHEIE/KEY EXPERT	ing. C. Grosu		
MP/PM	ing. M. Baicu		
DATA/DATE: 03.2018		SCALA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO. 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts10 01 00	
<b>STUDIUL GEOTEHNIC</b> Terasamente			
<b>Profil transversal km 42+200</b>			



km 42+500

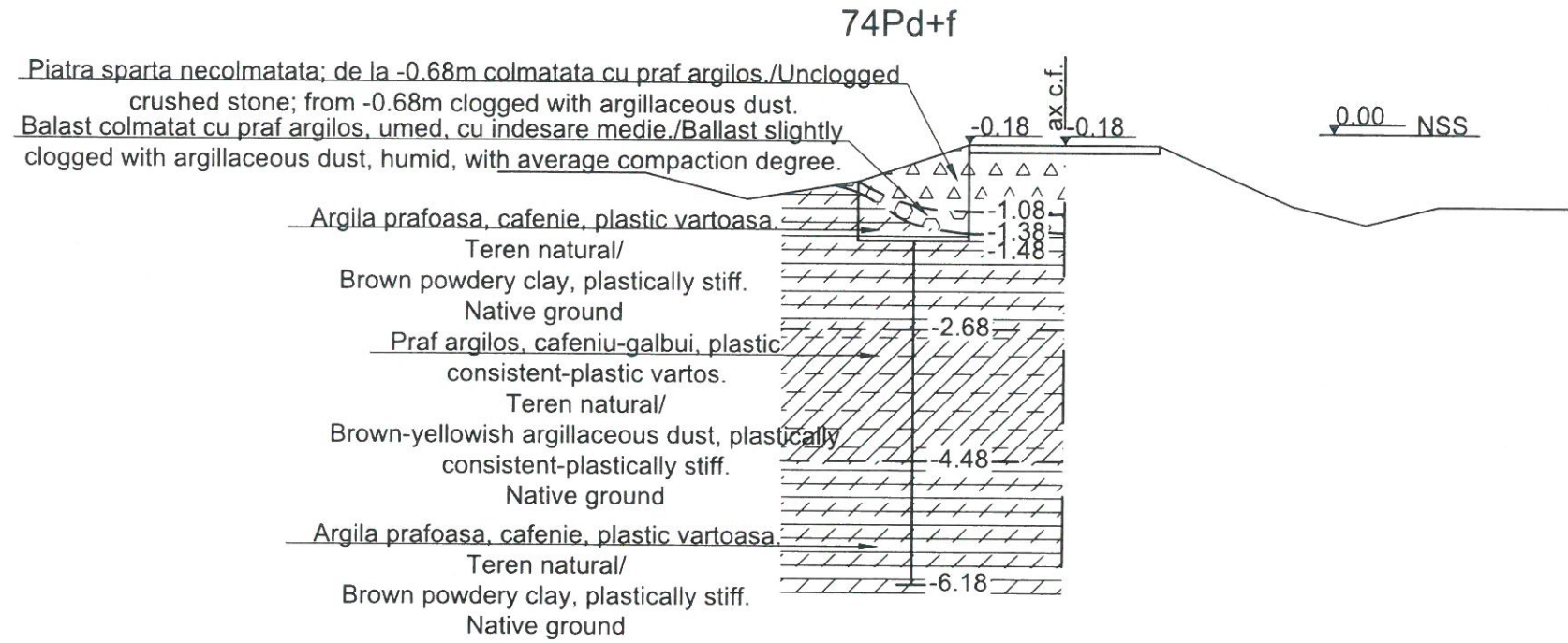


Teren	Distante	-10.20	-8.20	-6.20	-4.80	-2.80	-1.30	0.00	1.30	2.50	4.50	6.50	8.50
	Cote	-0.58	-0.58	-0.73	-1.13	-0.78	-0.18	-0.18	-0.18	-0.53	-0.63	-0.53	-0.53

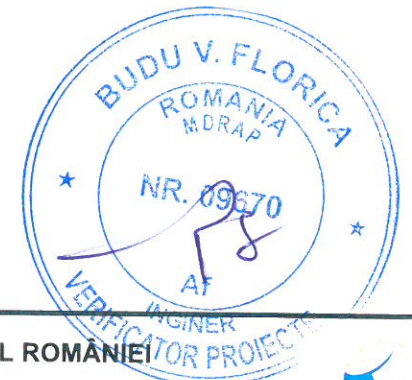


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & 		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE: 	SPECIALITATE/SPECIALITY:	<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE: 	DENUMIRE PLAN/DRAWING TITLE:	<b>Profil transversal km 42+500</b>
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE: 	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts11 01 00
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts11 01 00

km 42+900

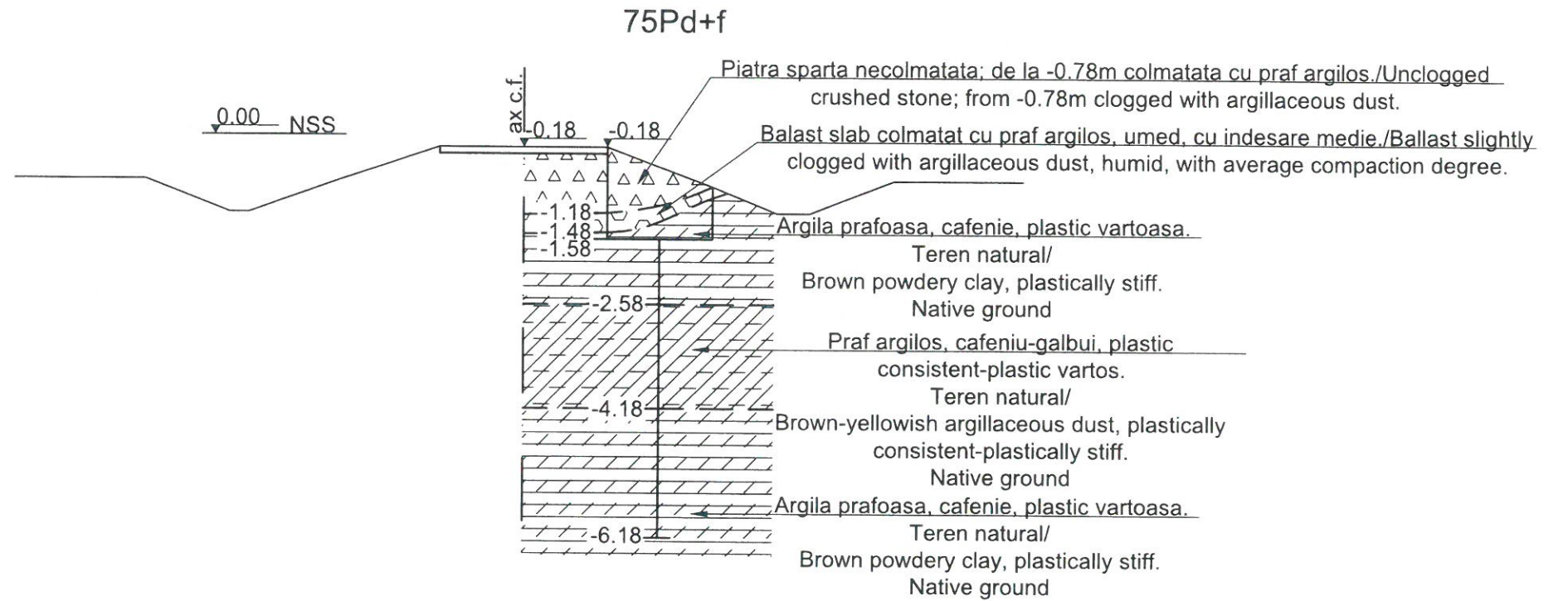


Teren	Distante	7.70	5.70	4.30	2.80	1.30	0.00	1.30	3.10	4.10	5.10	7.10
	Cote	-0.58	-0.58	-0.93	-0.68	-0.18	-0.18	-0.18	-0.98	-1.23	-0.98	-0.98

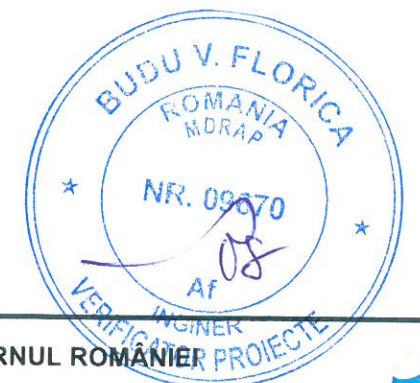


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM:	
		<b>STUDIUL GEOTEHNIC</b> <b>Terasamente</b> <b>Profil transversal km 42+900</b>	
		SG 207 Lot 2 23 Ts12 01 00	

km 43+100

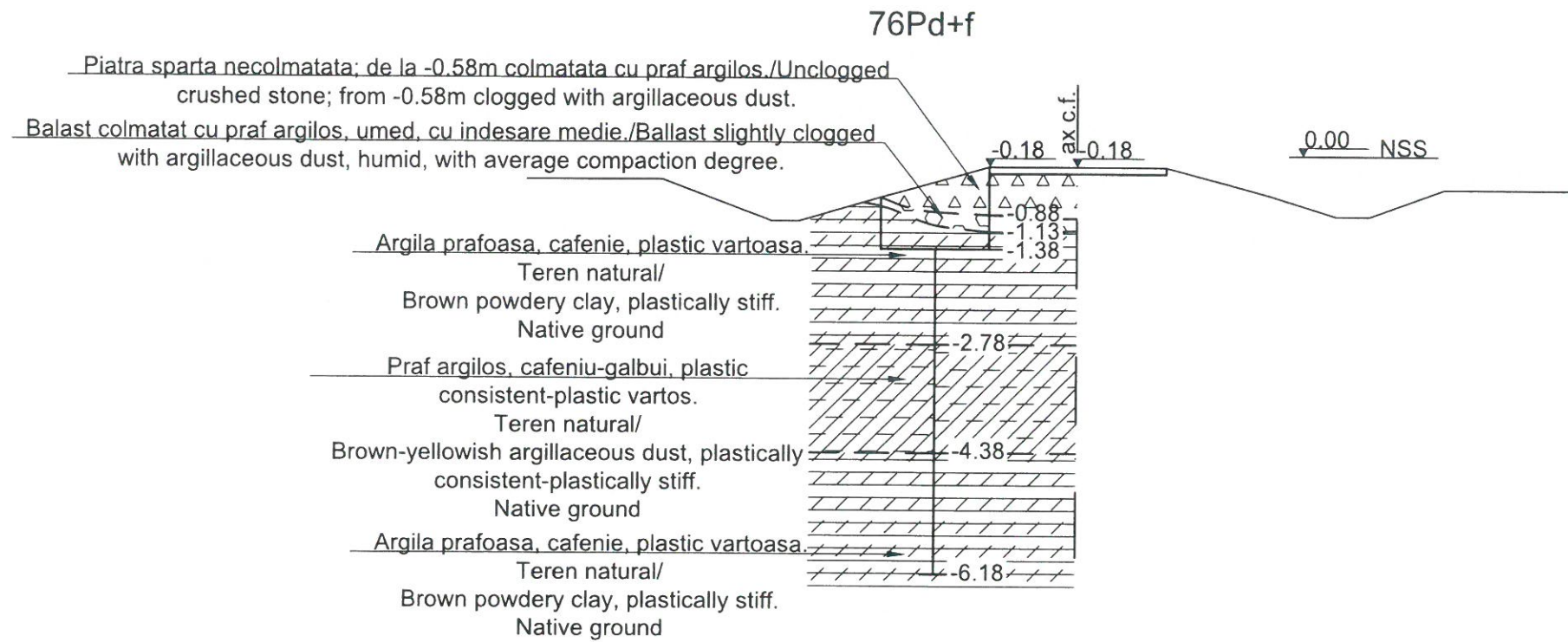


Teren	Distante	-7.80	-5.80	-4.50	-2.80	-1.30	0.00	1.30	2.90	3.90	4.40	5.70	7.70
	Cote	-0.68	-0.68	-1.18	-0.68	-0.18	-0.18	-0.18	-0.78	-1.18	-1.18	-0.68	-0.68

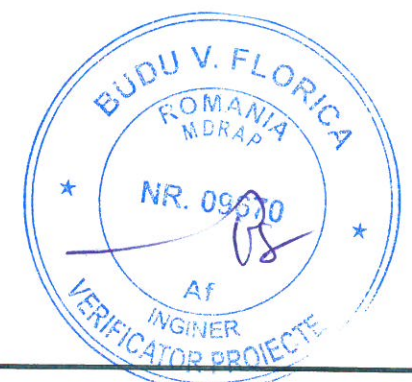


BENEFICIAR BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR:		DENUMIRE PROJECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
BAICONS &		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM:	
		STUDIU GEOTEHNIC Terasamente Profil transversal km 43+100	
		SG 207 Lot 2 23 Ts13 01 00	

# km 43+400

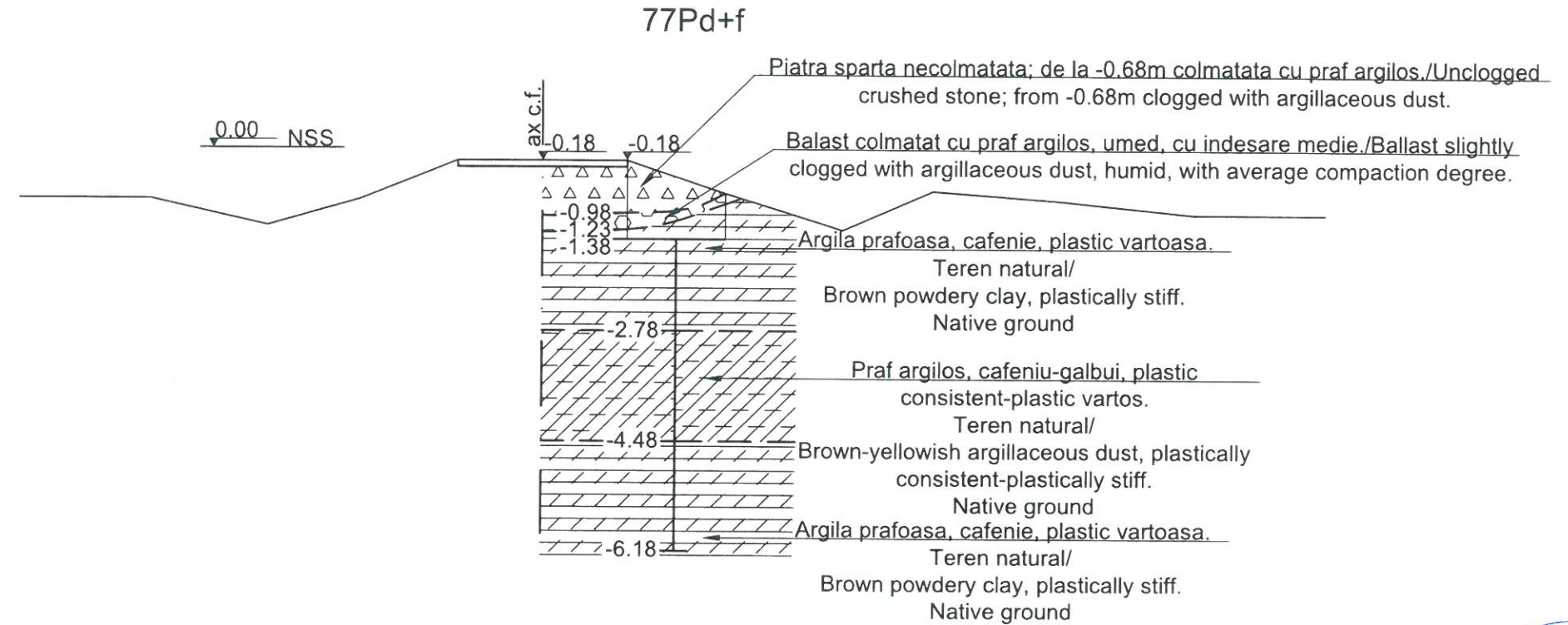


Teren	Distanțe	-8.10	-6.10	-4.50	-2.90	-1.30	0.00	1.30	2.80	3.80	4.30	5.40	7.40
		Cote	-0.38	-0.38	-0.98	-0.63	-0.18	-0.18	-0.18	-0.58	-0.88	-0.88	-0.48

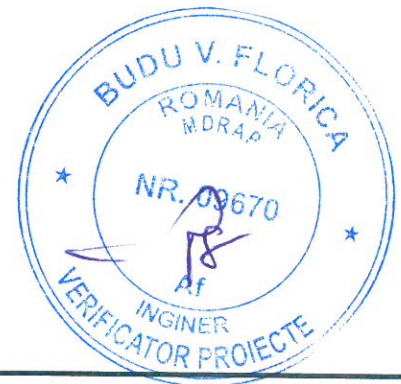


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> & <b>ASOCIEREA/ JOINT VENTURE:</b> J40/9877/2001 J40/20534/2004 <b>SUBCONTRACTANT/ GEO - SERV SRL</b> <b>SUBCONTRACTOR:</b> J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata <b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu <b>MP/PM:</b> ing. M. Baicu		<b>SEMNAȚURA/ SIGNATURE:</b> <b>SPECIALITATE/ SPECIALITY:</b> <b>DENUMIRE PLAN/ DRAWING TITLE:</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 23 Ts14 01 00	
<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b> <b>Profil transversal km 43+400</b>			

km 43+800

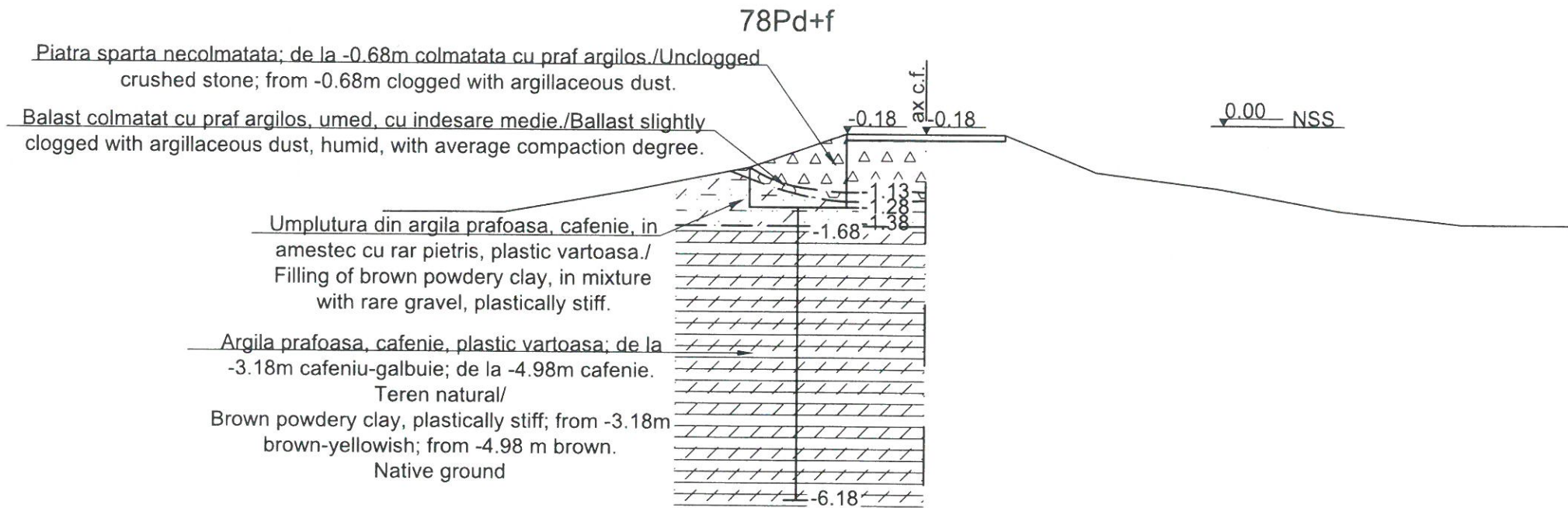


Teren	Distante	-0.78 -8.00	-0.78 -6.00	-1.18 -4.20	-0.78 -2.80	-0.18 -1.30	0.00	1.30	2.80	4.60	6.00	8.00	10.00	12.00
	Cote	-0.78	-0.78	-1.18	-0.78	-0.18	-0.18	-0.18	-0.68	-1.23	-0.63	-0.78	-0.98	-0.98

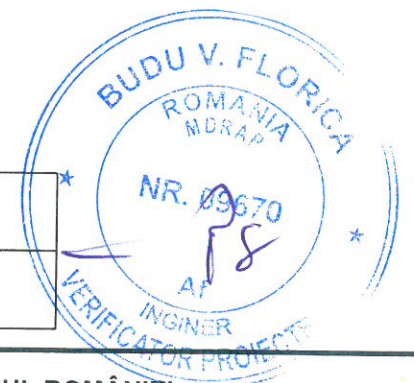


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE: & J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> Terasamente	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 43+800</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 23 Ts15 01 00	

# km 44+100

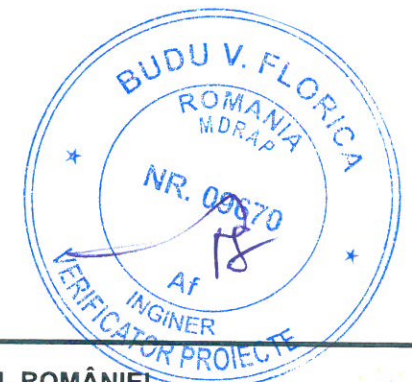
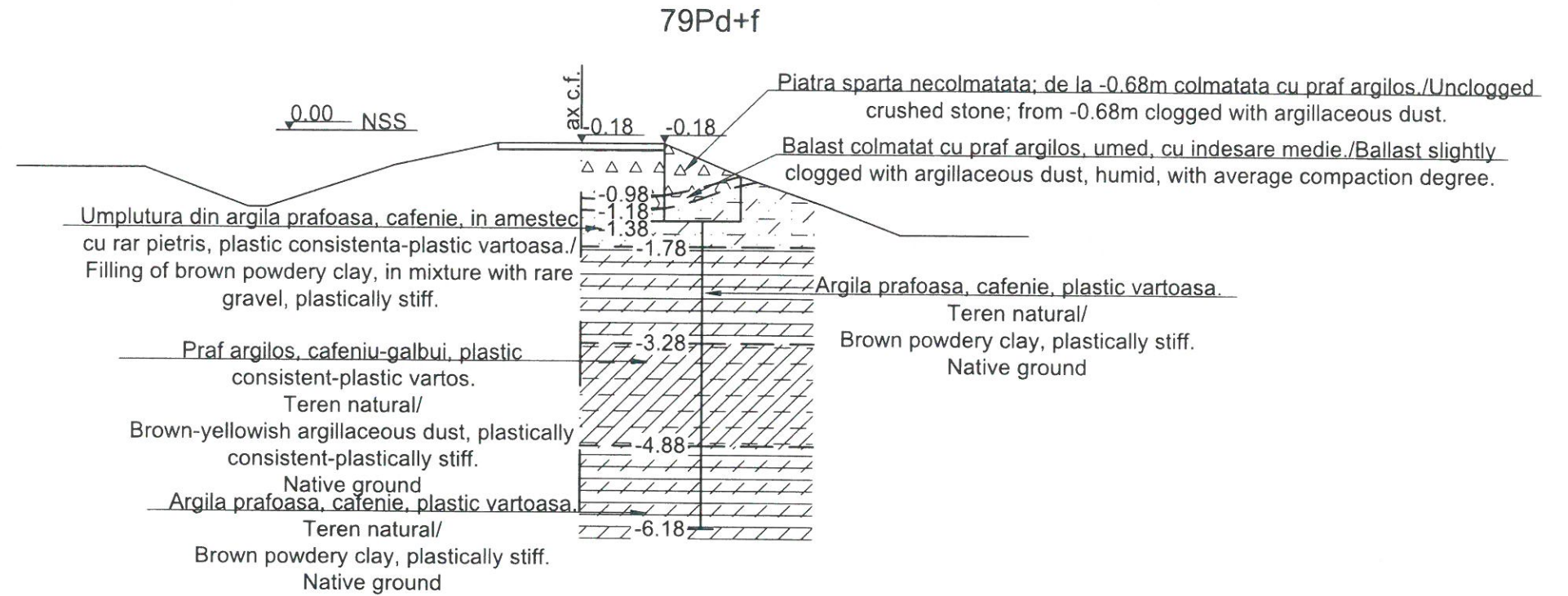


Teren	Distante	-8.90	-6.90	-4.90	-2.90	-1.30	0.00	1.30	2.80	4.80	6.80	8.80	10.80
	Cote	-1.48	-1.48	-1.13	-0.73	-0.18	-0.18	-0.18	-0.78	-1.03	-1.38	-1.58	-1.58



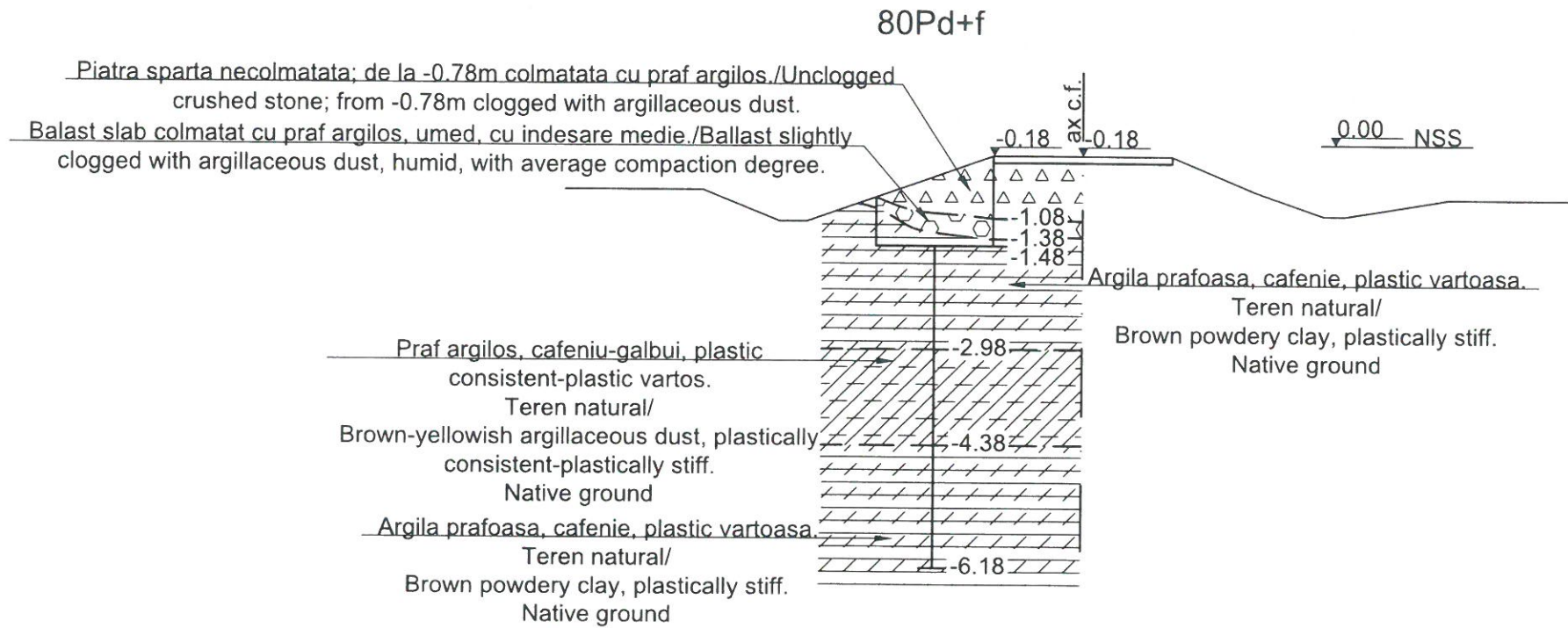
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE:  &		PROJECT TITLE/WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY:	<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE:	<b>Profil transversal km 44+100</b>
MP/PM: <b>ing. M. Baicu</b>	SEMNATURA/SIGNATURE:	EXEMPLAR NR./EXEMPLARY NO.:	COD PLAN/CODIFICATION SYSTEM:
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	<b>SG 207 Lot 2 23 Ts16 01 00</b>

km 44+500



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE: & J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU NORTH BORDER STATIONS	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> Terasamente	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 44+500</b>	
<b>DATA/DATE:</b> 03.2018		<b>SOARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 23 Ts17 01 00	

km 44+900



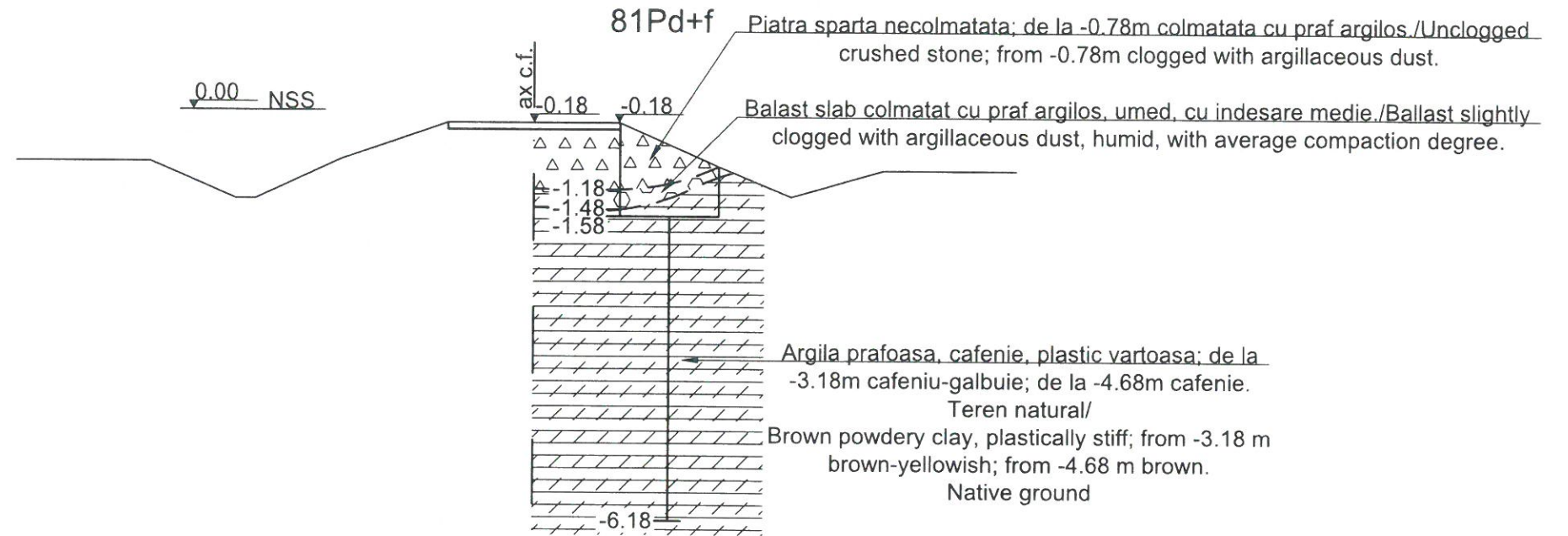
Teren	Distanțe	-7.50	-5.50	-4.40	-3.00	-1.30	0.00	1.30	2.50	3.50	5.30	7.30
		Cote	-0.68	-0.68	-1.13	-0.78	-0.18	-0.18	-0.18	-0.68	-1.03	-0.78



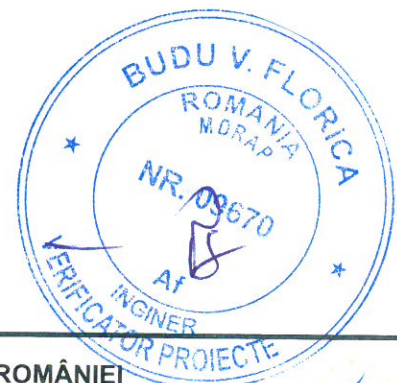
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STAȚIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 44+900</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts18 01 00	



km 45+200



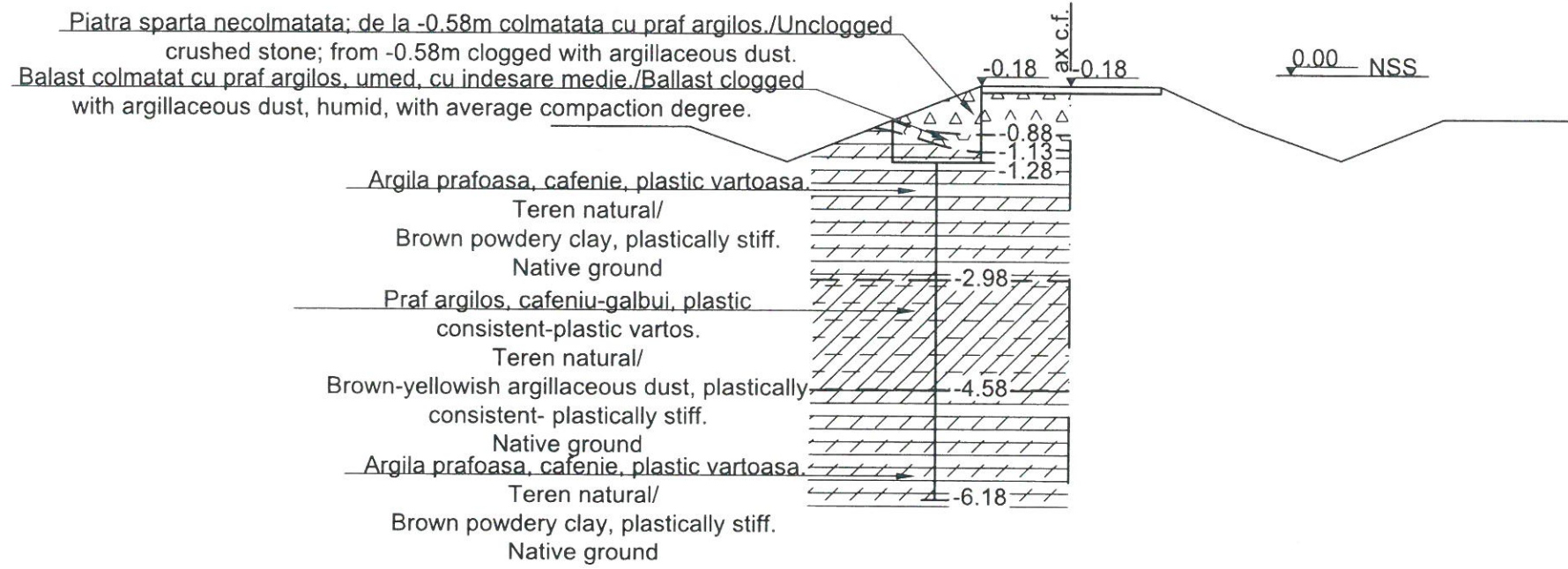
Teren	Distante	-7.80	-5.80	-4.50	-2.90	-1.30	0.00	1.30	2.80	3.90	5.30	7.30
	Cote	-0.78	-0.78	-1.33	-0.73	-0.18	-0.18	-0.18	-0.83	-1.28	-0.88	-0.88



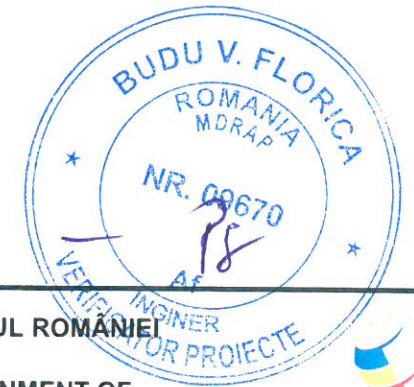
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROJECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
& J40/9877/2001 J40/20534/2004		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM:	
		SG 207 Lot 2 23 Ts19 01 00	

km 45+500

82Pd+f



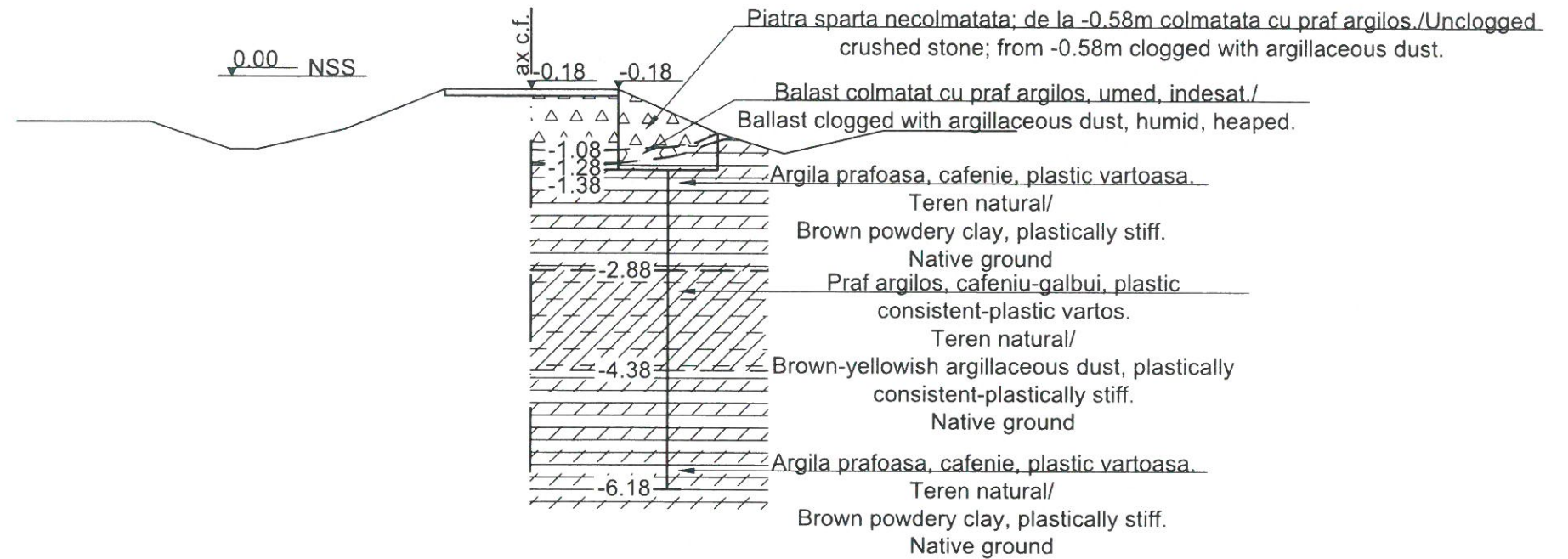
Teren	Distanțe	-7.50	-5.50	-4.10	-2.60	-1.30	0.00	1.30	2.50	3.90	5.40	7.40
		Cote	-0.78	-0.78	-1.28	-0.68	-0.18	-0.18	-0.18	-0.73	-1.23	-0.63



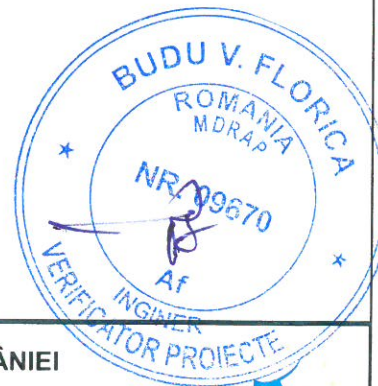
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> DENUMIRE PLAN/DRAWING TITLE: <b>Terasamente</b> <b>Profil transversal km 45+500</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 23 Ts20 01 00</b>	

km 45+800

83Pd+f

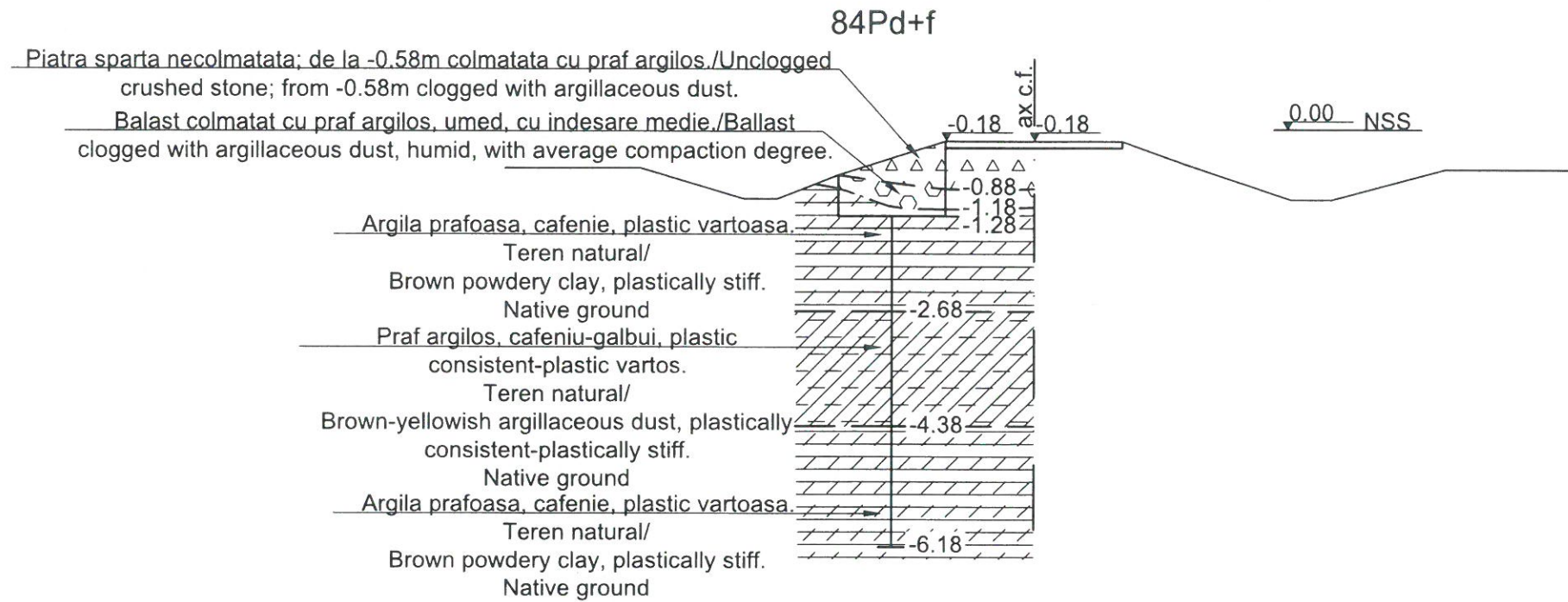


Teren	Distanțe	-0.68	-0.68	-1.08	-1.08	-0.78	-0.18	0.00	1.30	2.80	3.80	5.30	7.30
		Cote	-0.68	-0.68	-1.08	-1.10	-0.78	-0.18	-0.18	-0.18	-0.83	-1.13	-0.78

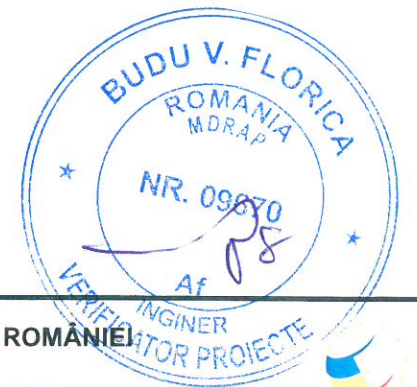


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		SPECIALITATE/ SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM:	
		<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
		<b>Profil transversal km 45+800</b>	
		SG 207 Lot 2 23 Ts21 01 00	

# km 46+100

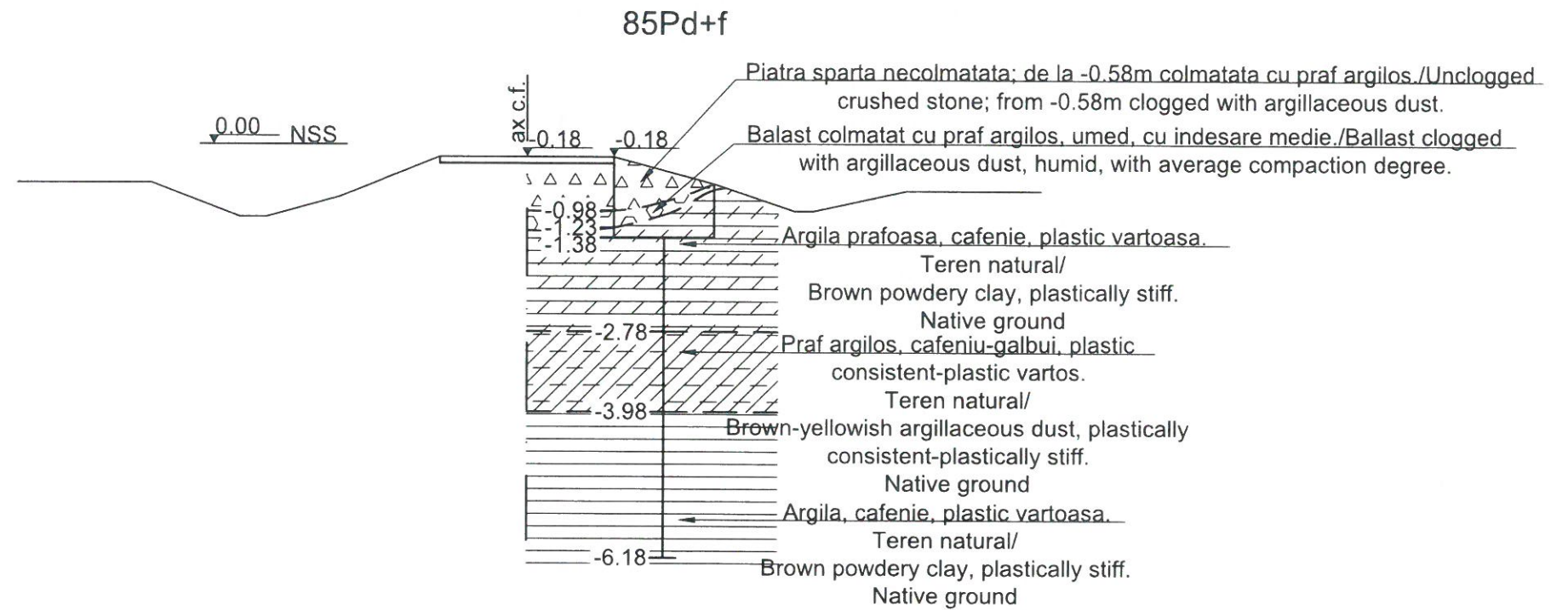


Teren	Distanțe	-7.80	-5.80	-4.30	-3.80	-2.90	-1.30	0.00	1.30	2.30	3.80	4.40	6.10	8.10
	Cote	-0.58	-0.58	-1.03	-1.03	-0.68	-0.18	-0.18	-0.18	-0.53	-1.03	-1.03	-0.58	-0.58

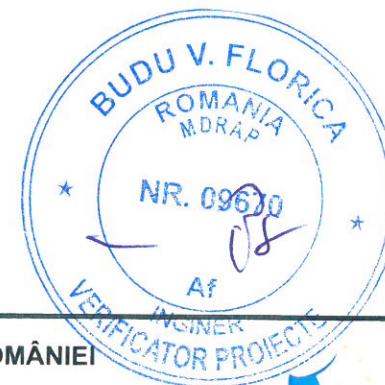


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	<b>STUDIU GEOTEHNIC</b> Terasamente	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	<b>Profil transversal km 46+100</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts22 01 00

km 46+400



Teren	Distanțe	-0.58	-5.60	-4.30	-3.90	-2.80	-1.30	0.00	1.30	2.80	4.00	4.30	5.70	7.70
		Cote	-0.58	-0.58	-1.08	-1.08	-0.78	-0.18	-0.18	-0.18	-0.58	-0.98	-0.98	-0.68



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATE DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: ing. Gh. Neata EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu	SEMNATURĂ/SIGNATURE:  	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 46+400</b>	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts23 01 00
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 23 Ts23 01 00	

# km 46+800

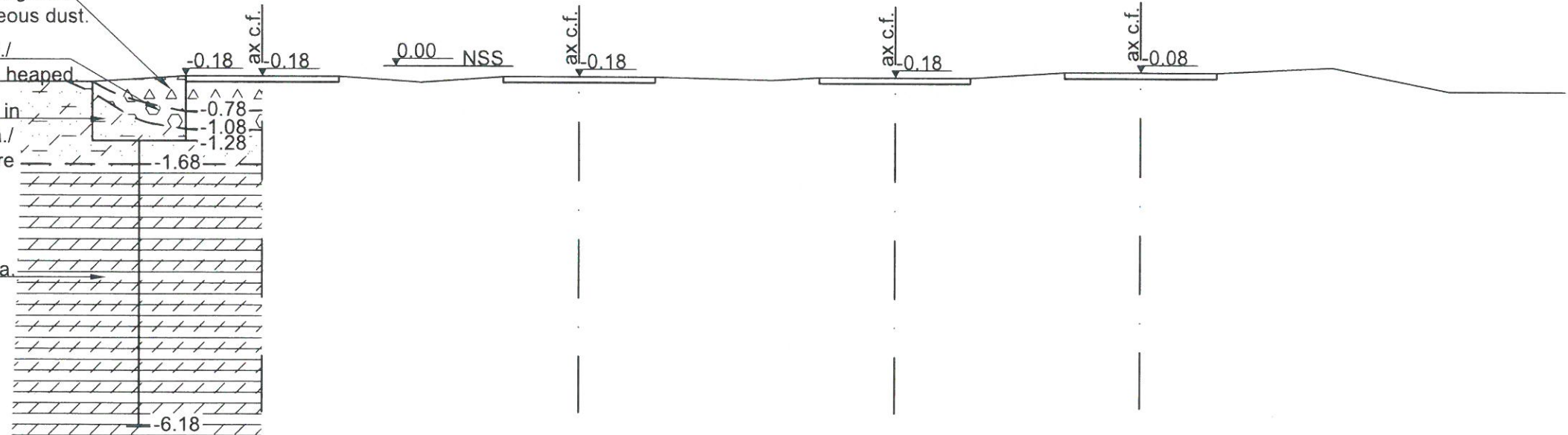
86Pd+f

Piatra sparta necolmatata; de la -0.48m colmatata cu praf argilos./  
Unclogged crushed stone; from -0.48m clogged with argillaceous dust.

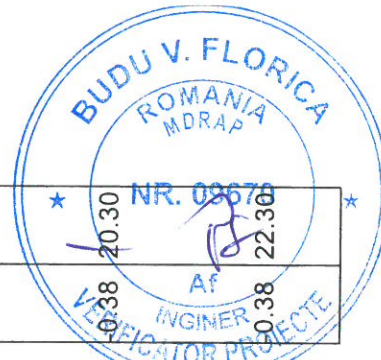
Balast colmatat cu praf argilos, umed, indesat./  
Ballast slightly clogged with argillaceous dust, humid, heaped

Umplutura din argila prafoasa, cafenie, in amestec cu rar pietris, plastic vartoasa./  
Filling of brown powdery clay, in mixture with rare gravel, plastically stiff.

Argila prafoasa, cafenie, plastic vartoasa.  
Teren natural/  
Brown powdery clay, plastically stiff.  
Native ground



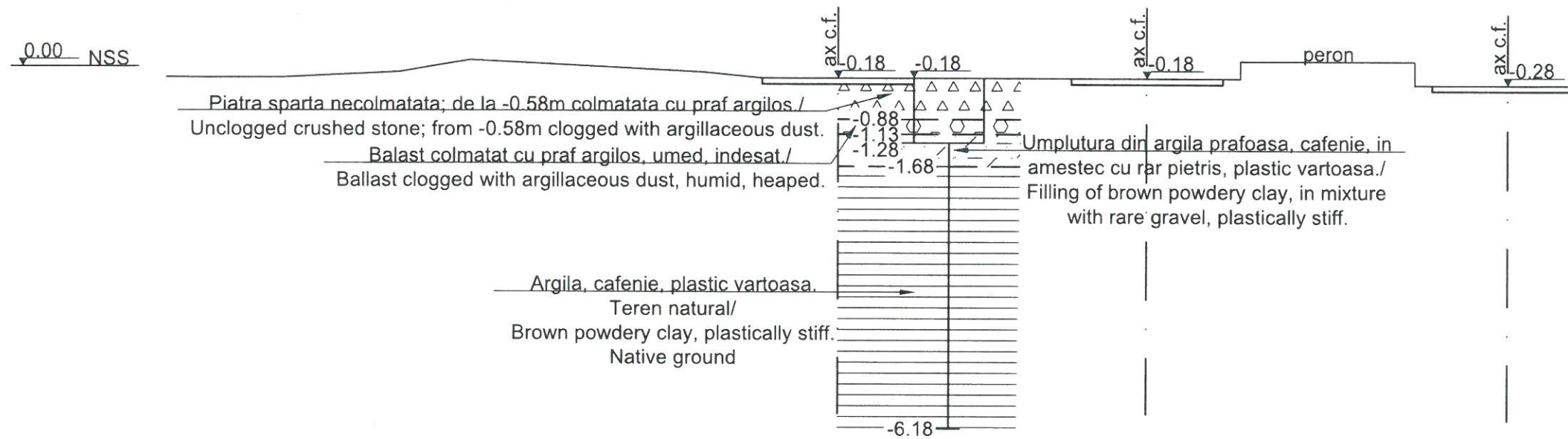
Teren	Distanțe	Distances																	
		-6.90	-4.90	-2.90	-1.30	0.00	1.30	2.70	4.10	5.40	6.70	8.70	9.50	10.80	12.10	13.70	15.00	16.30	18.30
	Cote	-0.28	-0.28	-0.28	-0.18	-0.18	-0.18	-0.28	-0.18	-0.18	-0.18	-0.23	-0.18	-0.18	-0.18	-0.08	-0.08	-0.08	0.02



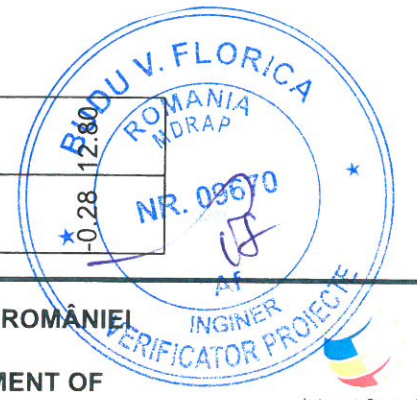
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL J40/12943/1994 SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 46+800</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 23 Ts24 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

km 47+100

87Pd+f



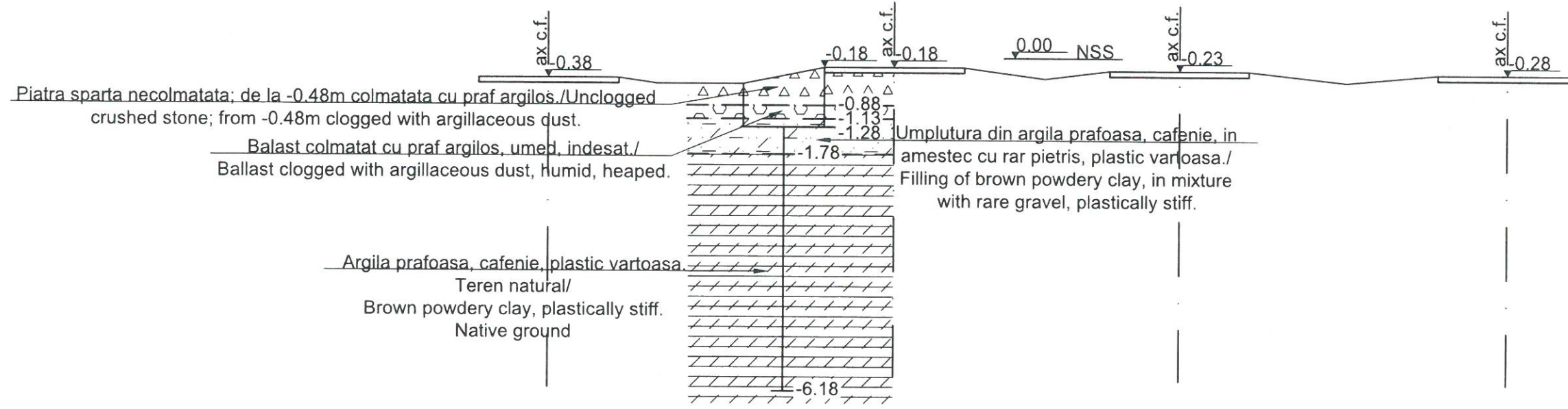
Teren	Distante	-0.18 -11.50	-0.18 -9.50	-0.08 -7.50	0.12 -6.30	0.02 -4.30	-0.08 -2.30	-0.18 -1.30	-0.18 0.00	-0.18 1.30	-0.18 2.50	-0.18 4.00	-0.18 5.30	-0.18 6.60	-0.18 6.90	0.12 9.90	-0.28 10.20	-0.28 11.50
	Cote	-0.18	-0.18	-0.08	0.12	0.02	-0.08	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18	0.12	-0.28



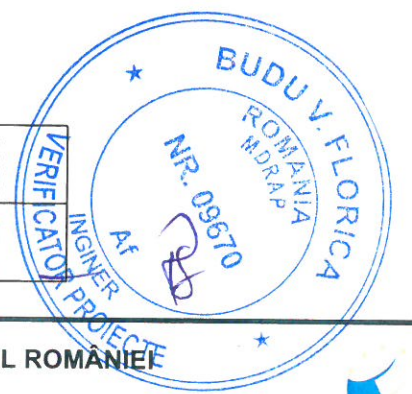
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE:	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER:	NUME/NAME ing. Gh. Neata	SEMNATURA/ SIGNATURE 	SPECIALITATE/ SPECIALITY <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>
EXPERT CHEIE/ KEY EXPERT:	ing. C. Grosu		<b>Profil transversal km 47+100</b>
MP/PM:	ing. M. Baicu		
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 23 Ts25 01 00</b>	

km 47+300

88Pd+f



Teren	Distanțe																
		-0.38	-0.38	-0.38	-0.48	-0.48	-0.18	-0.18	-0.18	-0.38	-0.23	-0.23	-0.23	-0.43	-0.28	-0.28	-0.28
	Cote	-7.70	-6.40	-5.10	-4.40	-2.80	-1.30	0.00	1.30	2.80	4.00	5.30	6.60	8.40	10.10	11.40	12.70



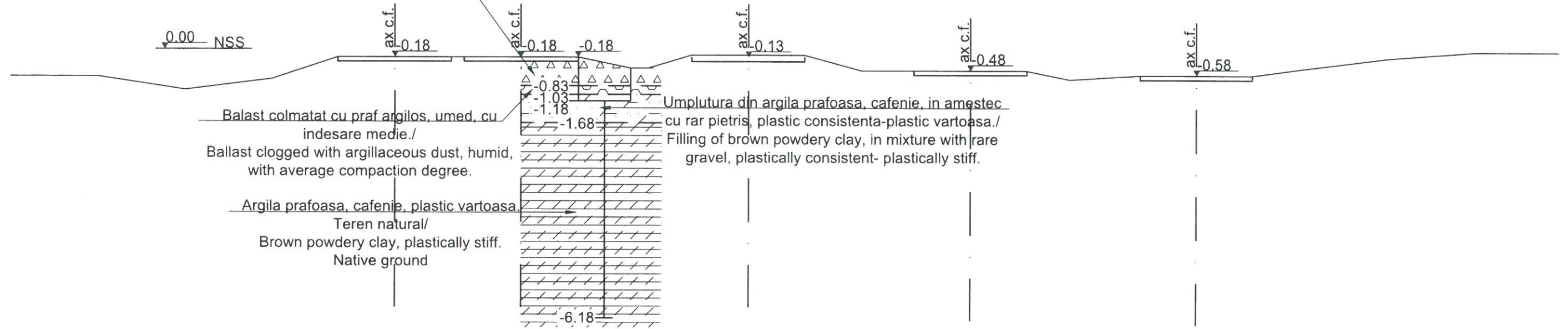
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 25 Ts01 01 00	



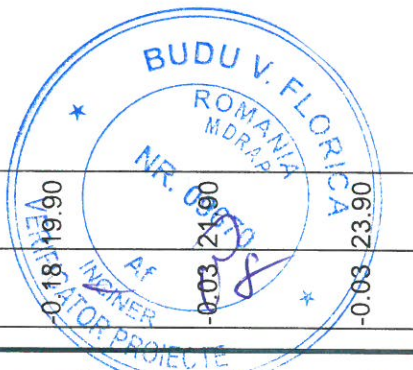
km 47+700

89Pd+f

Piatra sparta necolmatata; de la -0.58m colmatata cu praf argilos./  
Unclogged crushed stone; from -0.58m clogged with argillaceous dust.

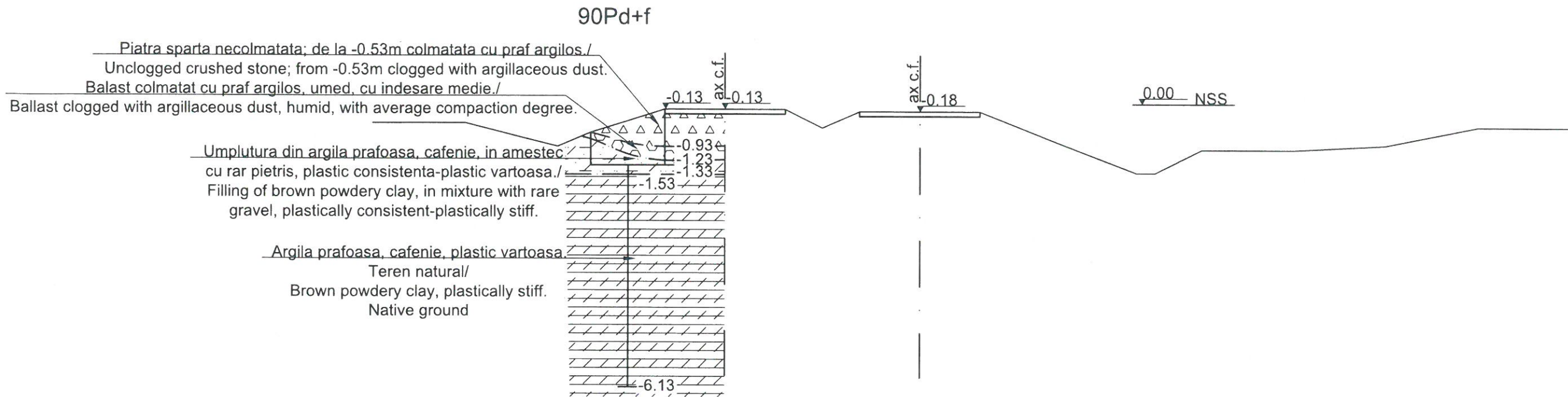


Distante	-11.70	-9.70	-7.70	-5.70	-4.20	-2.90	-1.60	0.00	1.30	2.50	2.90	3.90	5.20	6.50	7.80	9.00	10.30	11.60	12.60	14.20	15.50	16.80	17.90	19.90	21.90	23.90	
Teren																											
Cote	-0.63	-0.63	-0.93	-0.68	-0.18	-0.18	-0.18	-0.18	-0.18	-0.43	-0.43	-0.13	-0.13	-0.13	-0.48	-0.48	-0.48	-0.48	-0.68	-0.58	-0.58	-0.58	-0.43	-0.18	-0.03	-0.63	

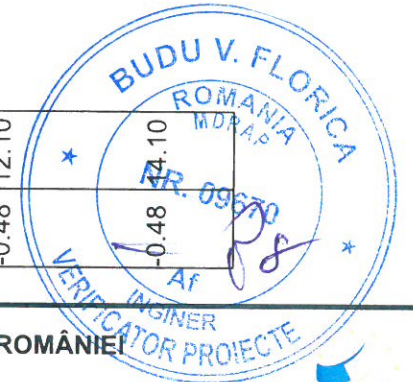


<p>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT</p>		<p>GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA</p>	
<p>BENEFICIAR BENEFICIARY:</p>		<p>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY</p>	
<p>PROIECTANT/ DESIGNER:</p> &		<p>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</p>	
<p>ASOCIEREA/ JOINT VENTURE:</p> <p>J40/9877/2001 J40/20534/2004</p>		<p>"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</p>	
<p>SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994</p>		<p>PROJECT TITLE/ WORKS TITLE:</p>	
<p>PROIECTANT/ DESIGNER</p> <p>ing. Gh. Neata</p>		<p>SEMNATURA/ SIGNATURE</p>	
<p>EXPERT CHEIE/ KEY EXPERT</p> <p>ing. C. Grosu</p>		<p>SPECIALITATE/ SPECIALITY</p> <p>STUDIU GEOTEHNIC Terasamente</p>	
<p>MP/PM</p> <p>ing. M. Baicu</p>		<p>DENUMIRE PLAN/ DRAWING TITLE</p> <p>Profil transversal km 47+700</p>	
<p>DATA/DATE:</p> <p>03.2018</p>		<p>SCARA/SCALE:</p> <p>1:100</p>	
<p>EXEMPLAR NR/ EXEMPLARY NO.</p> <p>1</p>		<p>COD PLAN/ CODIFICATION SYSTEM:</p> <p>SG 207 Lot 2 25 Ts02 01 00</p>	

# km 48+200

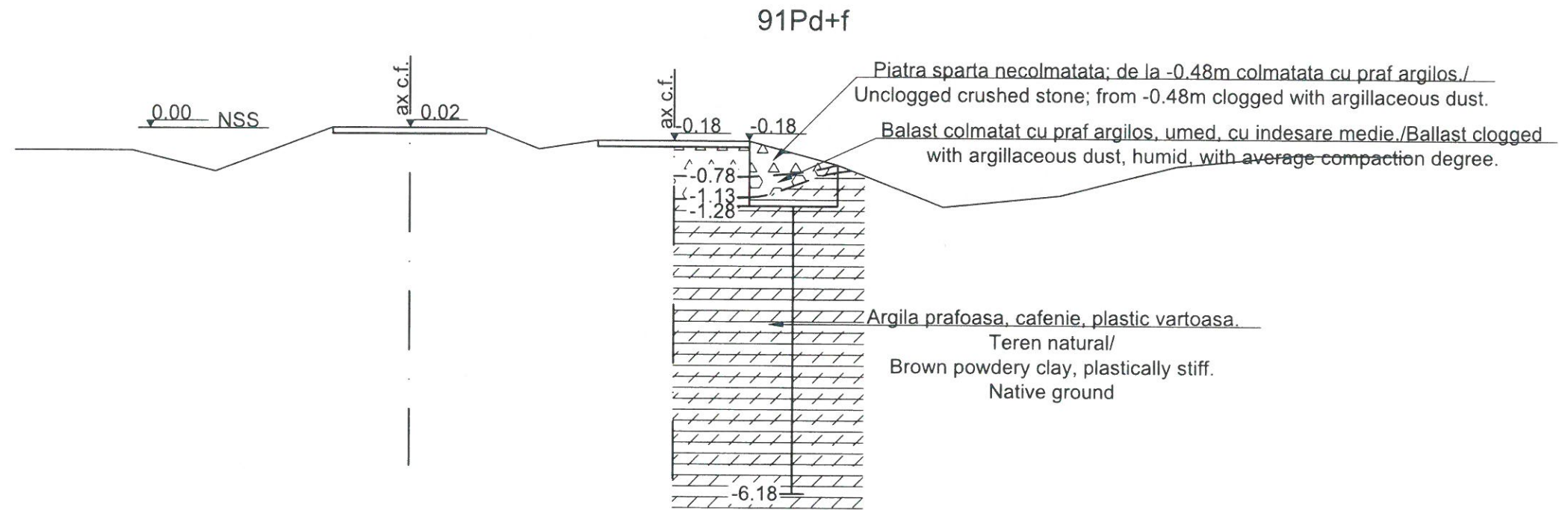


Teren	Distante	-11.80	-9.80	-7.80	-7.10	-5.50	-4.20	-2.90	-2.10	-1.30	0.00	1.30	3.10	4.70	5.10	6.10	8.10	10.10	12.10
	Cote	-0.43	-0.43	-0.93	-0.63	-0.13	-0.13	-0.13	-0.53	-0.18	-0.18	-0.18	-0.88	-1.48	-1.48	-0.98	-0.98	-0.88	-0.88

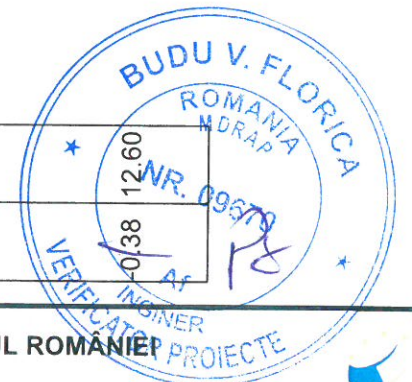


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 48+200</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts03 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

km 48+500

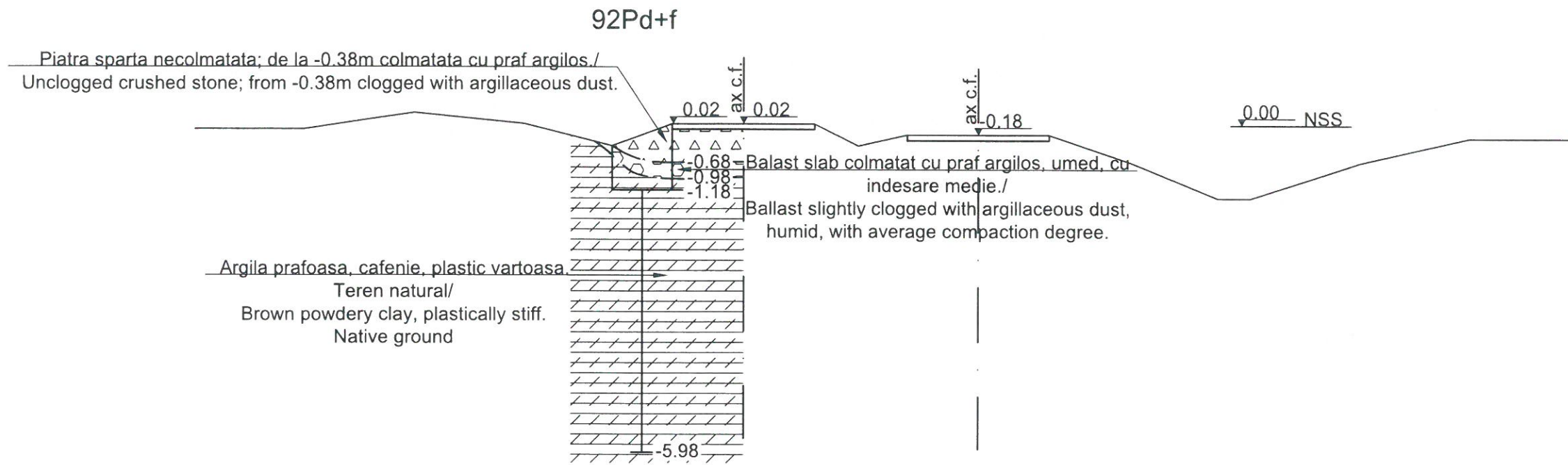


Teren	Distante	-11.20	-9.20	-7.80	-5.80	-4.50	-3.20	-2.30	-1.30	0.00	1.30	2.80	4.60	6.60	8.60	10.60
	Cote	-0.38	-0.38	-0.73	0.02	0.02	0.02	-0.33	-0.18	-0.18	-0.18	-0.58	-1.28	-1.08	-0.58	-0.38



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004		PROJECT TITLE/ WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
PROIECTANT/ DESIGNER: ing. Gh. Neata	SEMNATURA/ SIGNATURE:	DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 48+500</b>	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu	SEMNATURA/ SIGNATURE:	COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts04 01 00</b>	
MP/PM: ing. M. Baicu	DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>

# km 48+800

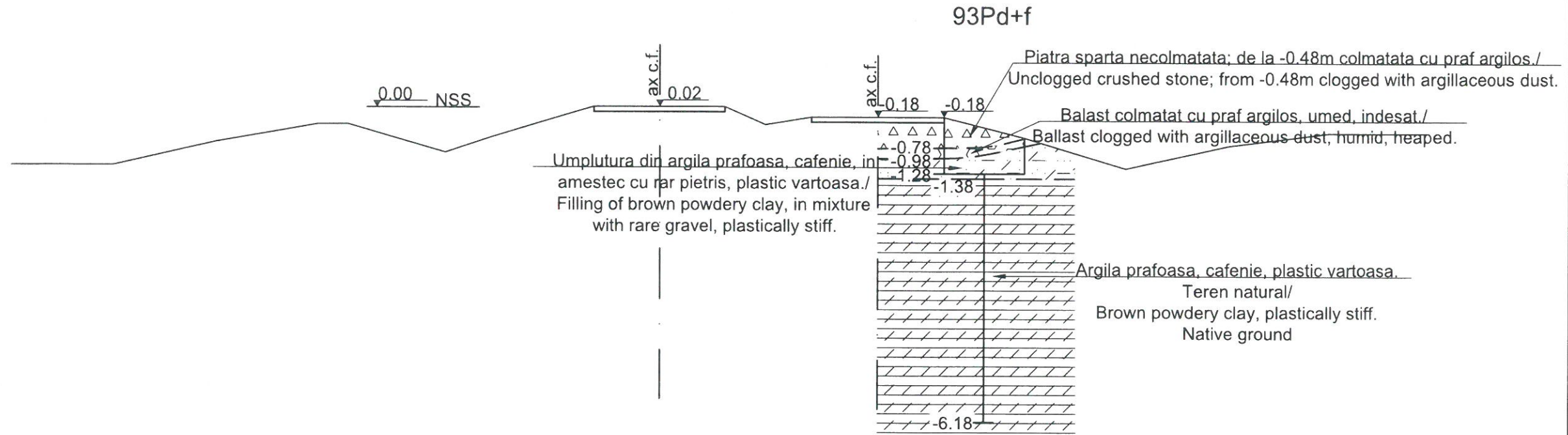


Teren	Distante	-14.30	-12.30	-10.30	-8.30	-6.70	-5.60	-4.30	-3.00	-2.20	-1.30	0.00	1.30	2.80	4.40	5.00	7.00	9.00
	Cote	-0.08	-0.08	0.22	0.02	-0.38	0.02	0.02	0.02	-0.38	-0.18	-0.18	-0.18	-0.68	-1.33	-1.33	-0.68	-0.23

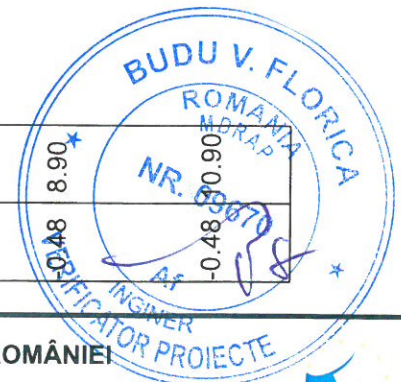


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 48+800</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts05 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

km 49+200



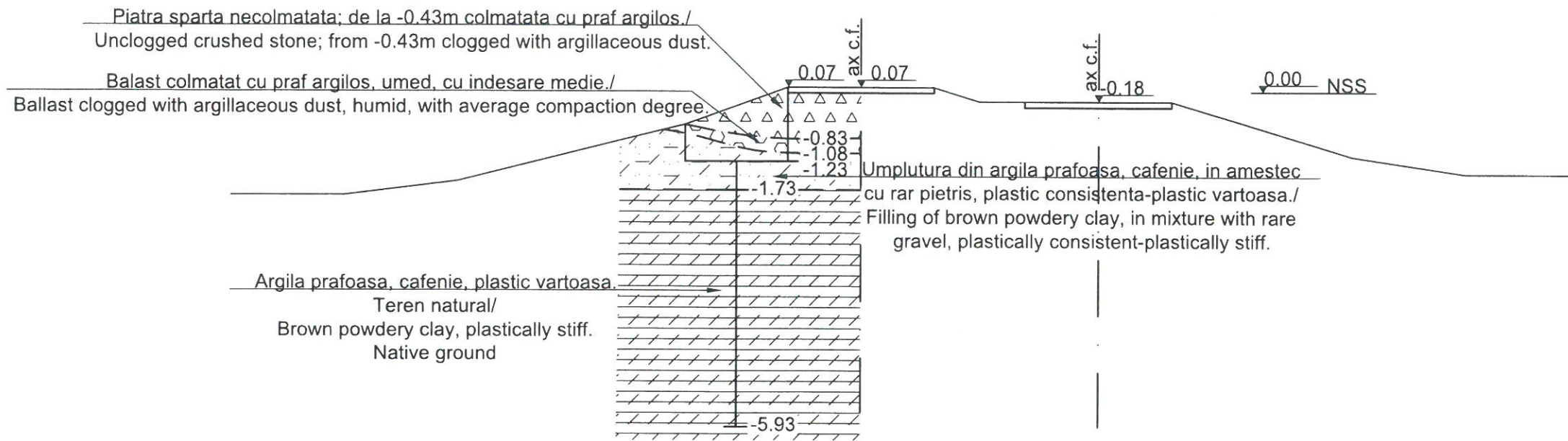
Teren	Distante	-17.00	-15.00	-13.00	-11.00	-10.40	-8.50	-7.60	-5.60	-4.30	-3.00	-2.20	-1.30	0.00	1.30	2.90	4.90	6.90
	Cote	-1.13	-1.13	-0.68	-0.33	-0.33	-0.88	-0.58	0.02	0.02	0.02	-0.33	-0.18	-0.18	-0.18	-0.58	-1.18	-0.73



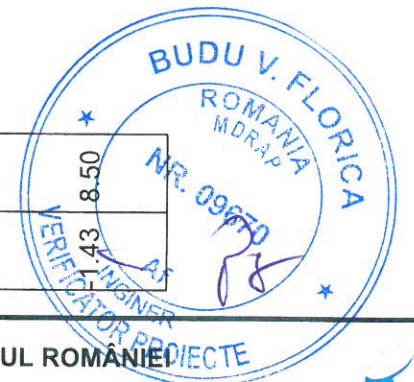
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 49+200</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts06 01 00</b>	

km 49+600

94Pd+f



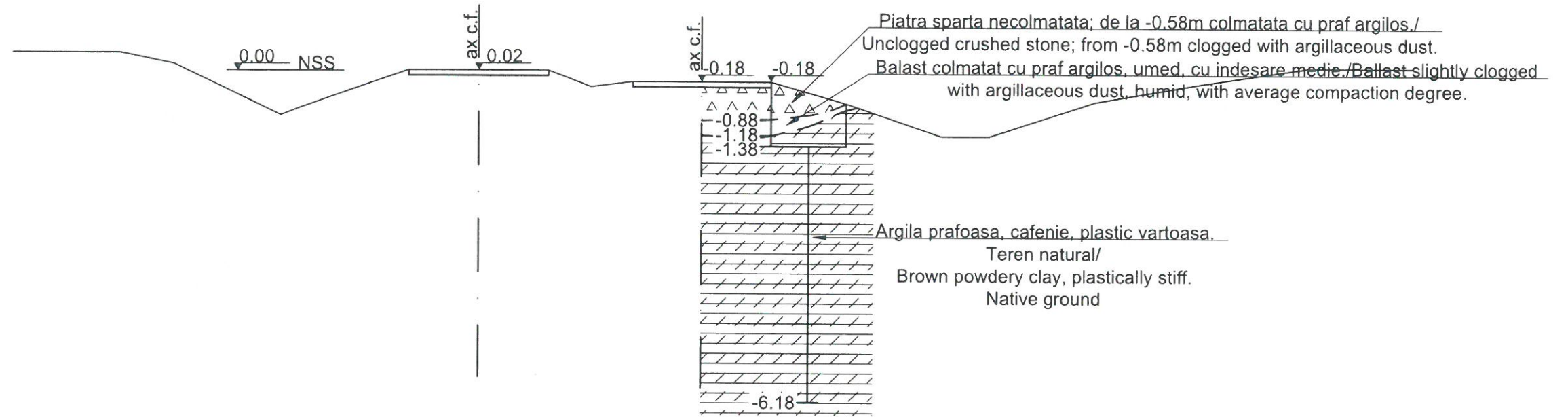
Teren	Distante	-15.30	-13.30	-11.30	-9.30	-7.30	-5.50	-4.20	-2.90	-2.10	-1.30	0.00	1.30	2.50	4.50	6.50
	Cote	-1.83	-1.83	-1.58	-1.08	-0.58	0.07	0.07	0.07	-0.18	-0.18	-0.18	-0.18	-0.53	-1.13	-1.43



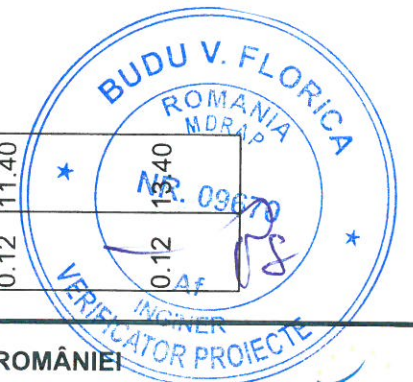
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 49+600</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts07 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

km 49+900

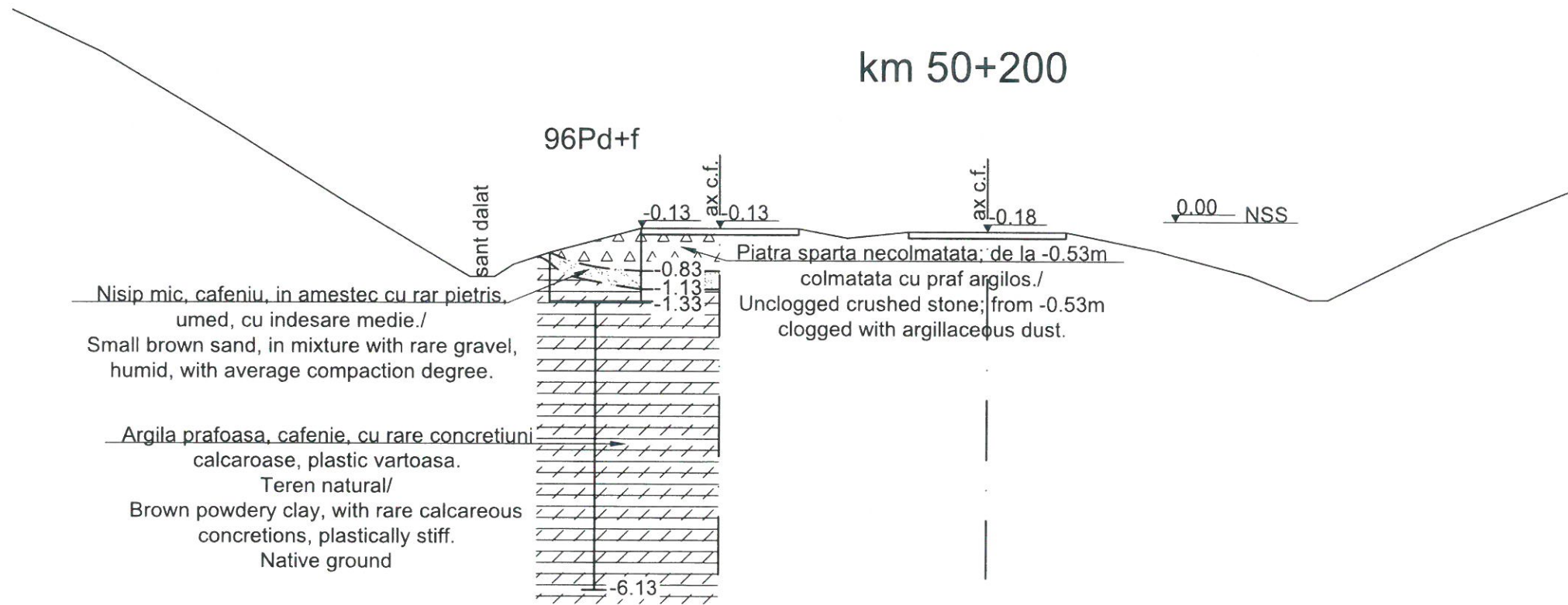
95Pd+f



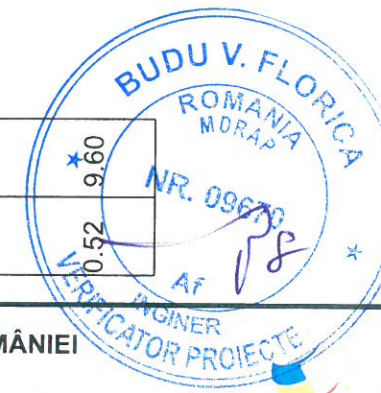
Teren	Distante	-12.90	-10.90	-9.90	-7.90	-7.50	-5.50	-4.20	-2.90	-2.10	-1.30	0.00	1.30	2.70	4.50	5.40	7.40	9.40	11.40
	Cote	0.32	0.32	0.12	-0.83	-0.68	0.02	0.02	0.02	-0.28	-0.18	-0.18	-0.18	-0.18	-0.58	-1.18	-1.18	-0.53	-0.18



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/Joint VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER	ing. Gh. Neata	SEMNTURA/SIGNATURE	SPECIALITATE/SPECIALITY
EXPERT CHEIE/KEY EXPERT	ing. C. Grosu		
MP/PM	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
		EXEMPLAR NR./EXEMPLARY NO.: 1	
		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 25 Ts08 01 00	
<b>STUDIUL GEOTEHNIC</b> <b>Terasamente</b> <b>Profil transversal km 49+900</b>			



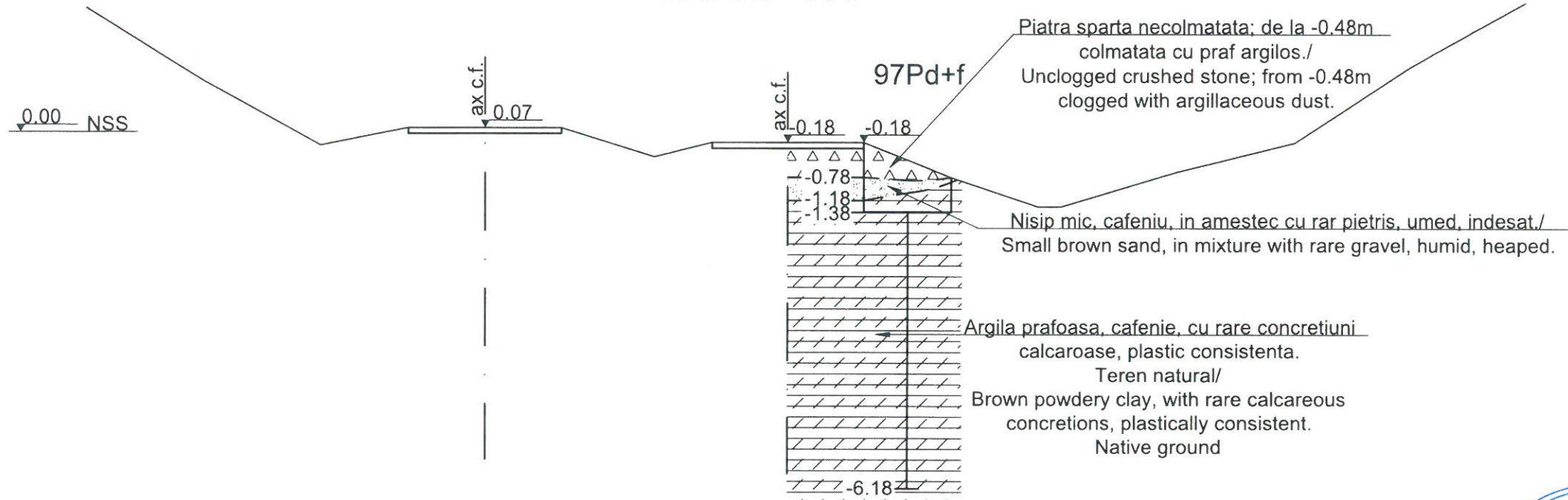
Teren	Distanțe	Cote																	
		-16.00	-14.50	-12.50	-10.50	-8.50	-8.10	-7.80	-7.20	-5.70	-4.40	-3.10	-2.30	-1.30	0.00	1.30	2.80	4.30	5.30



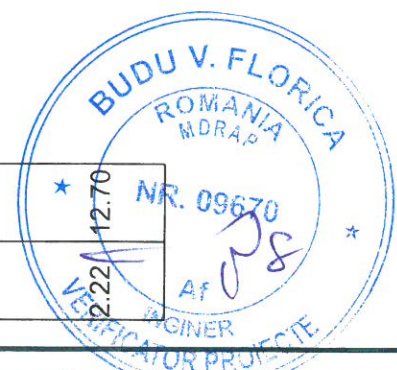
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 50+200</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 25 Ts09 01 00</b>	
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	COD PLAN/CODIFICATION SYSTEM:



km 50+600

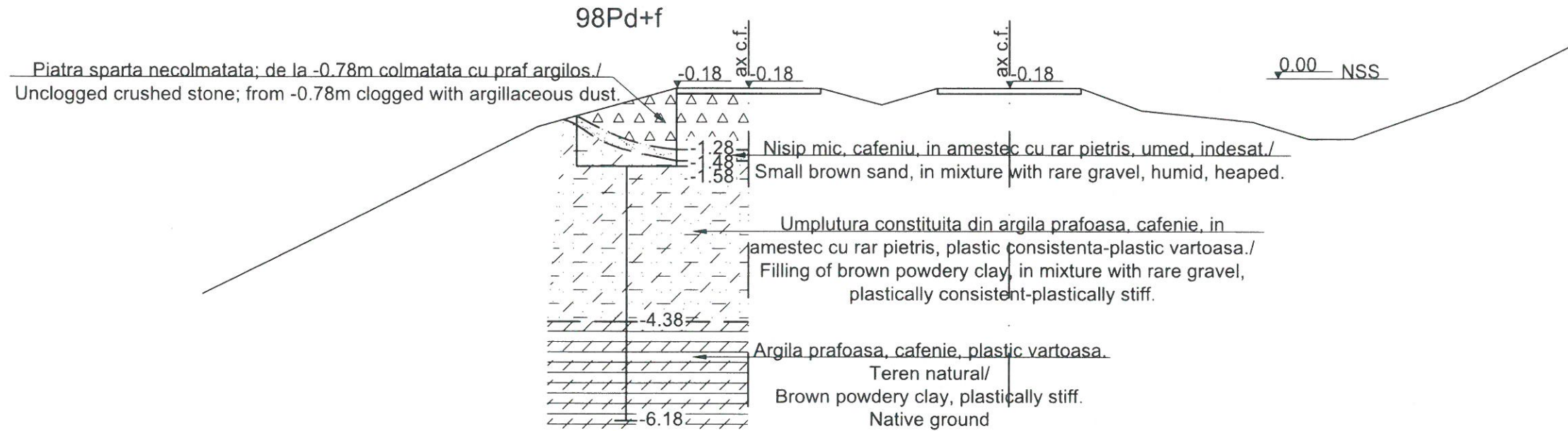


Teren	Distante	-12.00	-10.00	-8.00	-6.50	-5.20	-3.90	-2.30	-1.30	0.00	1.30	2.80	4.30	4.70	6.70	8.70	10.70
	Cote	2.12	0.87	-0.23	0.07	0.07	0.07	-0.43	-0.18	-0.18	-0.18	-0.78	-1.28	-1.28	-0.68	-0.18	1.12

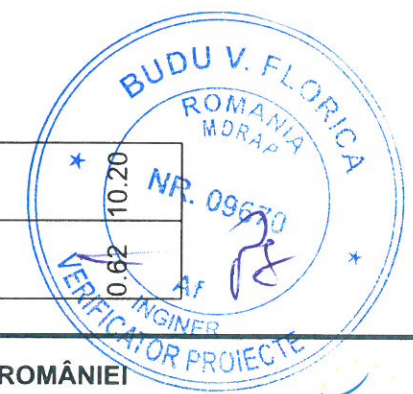


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	<b>STUDIU GEOTEHNIC</b> Terasamente	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	<b>Profil transversal km 50+600</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM:	
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1	SG 207 Lot 2 25 Ts10 01 00

# km 51+100

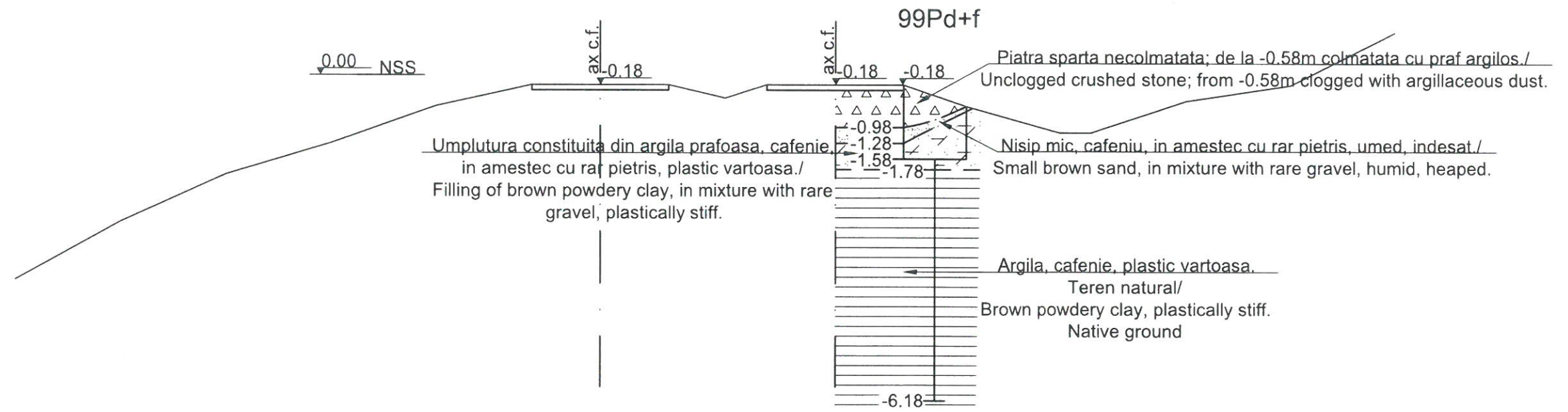


Teren	Distante	-14.50	-12.50	-10.50	-8.50	-7.80	-6.00	-4.70	-3.40	-2.30	-1.30	0.00	1.30	2.40	4.40	5.40	6.20	8.20
	Cote	-3.88	-2.88	-1.88	-0.88	-0.68	-0.18	-0.18	-0.18	-0.48	-0.18	-0.18	-0.18	-0.58	-0.78	-1.08	-1.08	-0.38

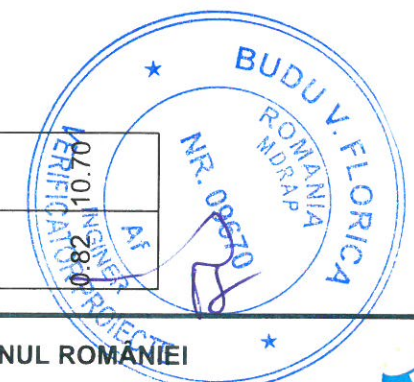


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/Joint VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER	ing. Gh. Neata	SEMNATURA/SIGNATURE	SPECIALITATE/SPECIALITY
EXPERT CHEIE/KEY EXPERT	ing. C. Grosu		<b>STUDIU GEOTEHNIC</b> Terasamente
MP/PM	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO. 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 27 Ts01 01 00	

# km 51+500

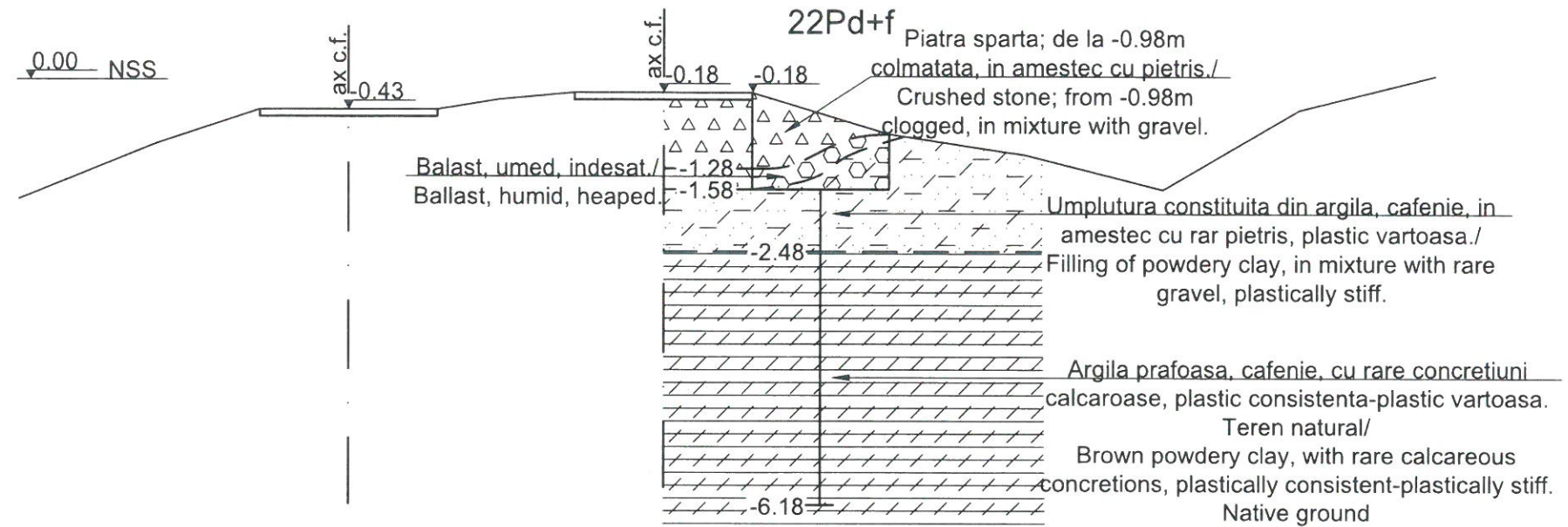


Teren	Distante	-3.88	-2.78	-1.88	-1.60	-1.28	-9.60	-0.58	-7.60	-0.18	-5.80	-0.18	-4.50	-0.18	-3.20	-0.43	-2.10	-0.18	-1.30	-0.18	0.00	1.30	2.50	-1.08	4.30	-1.08	4.90	-0.48	6.70	-0.18	8.70
	Cote	-3.88	-2.78	-1.88	-1.60	-1.28	-9.60	-0.58	-7.60	-0.18	-5.80	-0.18	-4.50	-0.18	-3.20	-0.43	-2.10	-0.18	-1.30	-0.18	0.00	1.30	2.50	-1.08	4.30	-1.08	4.90	-0.48	6.70	-0.18	8.70

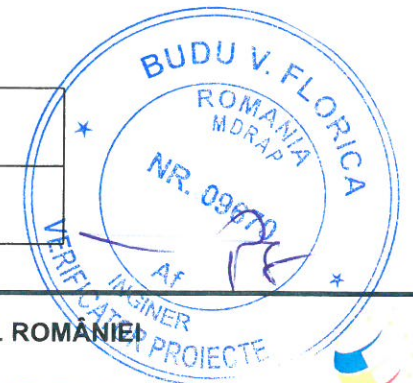


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004		PROJECT TITLE/ WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		SPECIALITATE/ SPECIALITY:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		DENUMIRE PLAN/ DRAWING TITLE:	
MP/PM: ing. M. Baicu		SPECIALITATE/ SPECIALITY:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./ EXEMPLARY NO.: 1		COD PLAN/ CODIFICATION SYSTEM:	
SG 207 Lot 2 27 Ts02 01 00		STUDIUL GEOTEHNIC Terasamente <b>Profil transversal km 51+500</b>	

# km 51+600

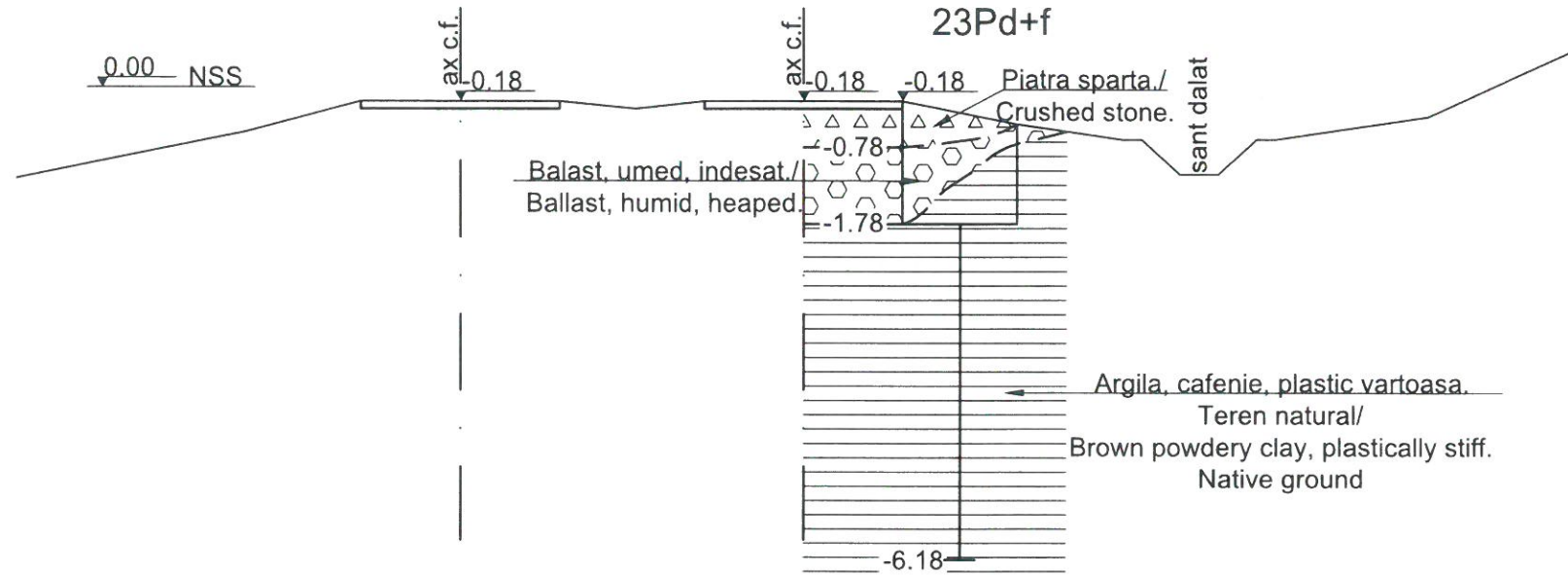


Teren	Distante	9.40	7.40	5.90	4.60	3.30	2.40	1.30	0.00	1.30	3.30	5.30	7.30	9.30	11.30
	Cote	-1.73	-0.93	-0.43	-0.43	-0.43	-0.28	-0.18	-0.18	-0.18	-0.78	-1.08	-1.58	-0.43	0.07

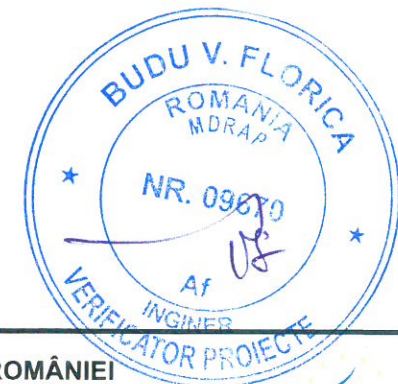


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  &		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER	NUME/NAME	SEMNATURA/ SIGNATURE	SPECIALITATE/ SPECIALITY
EXPERT CHEIE/ KEY EXPERT	ing. Gh. Neata		STUDIU GEOTEHNIC Terasamente
MP/PM	ing. C. Grosu		
	ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
		EXEMPLAR NR./ EXEMPLARY NO. 1	
		COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 27 Ts03 01 00	

km 51+800

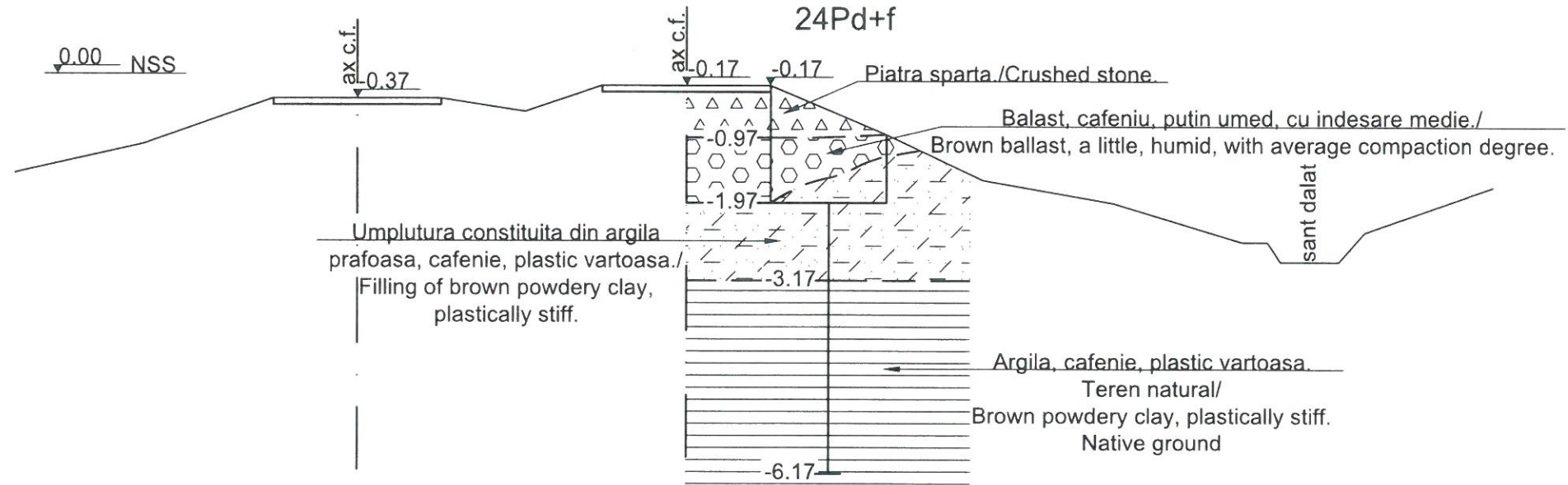


Teren	Distante	-10.30	-8.30	-7.30	-5.80	-4.50	-3.20	-2.20	-1.30	0.00	1.30	2.80	4.20	4.45	4.95	5.45	5.95	6.20	8.20	10.20
	Cote	-1.18	-0.78	-0.58	-0.18	-0.18	-0.18	-0.28	-0.18	-0.18	-0.18	-0.18	-0.48	-0.68	-0.68	-1.13	-1.13	-0.68	-0.68	-0.38

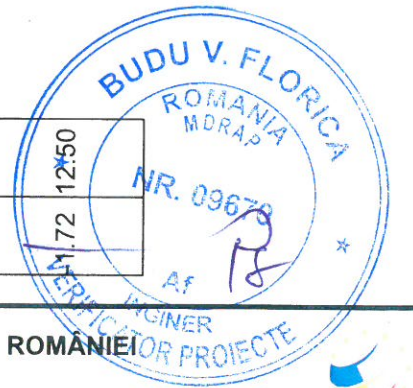



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM:	
		<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
		<b>Profil transversal km 51+800</b>	
		SG 207 Lot 2 27 Ts04 01 00	


km 52+000



Teren	Distante	-10.40	-8.40	-6.40	-5.10	-3.80	-2.50	-1.30	0.00	1.30	3.10	4.60	6.60	8.60	9.28	10.10	10.50
	Cote	-1.52	-1.07	-0.37	-0.37	-0.37	-0.57	-0.17	-0.17	-0.17	-0.17	-0.92	-1.62	-1.97	-2.57	-2.87	-2.87




**PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ**  
 EUROPEAN UNION FINANCED PROJECT


**GUVERNUL ROMÂNIEI**  
 GOVERNMENT OF ROMANIA

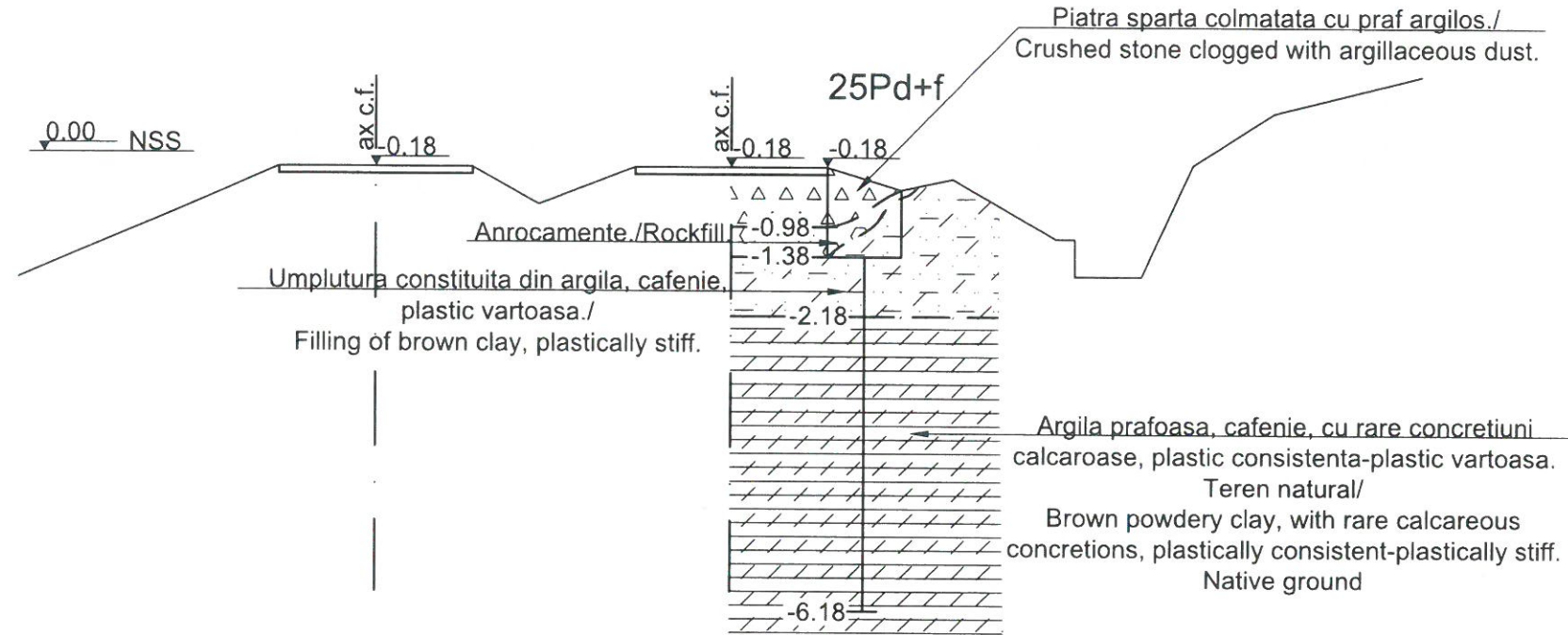

**COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.**  
 ROMANIAN RAILWAY NATIONAL COMPANY

**PROIECTANT/ DESIGNER:** BAICONS & acciona  
**ASOCIEREA/ JOINT VENTURE:** J40/9877/2001 J40/20534/2004  
**SUBCONTRACTANT/ GEO - SERV SRL**  
**SUBCONTRACTOR:** J/40/12943/1994

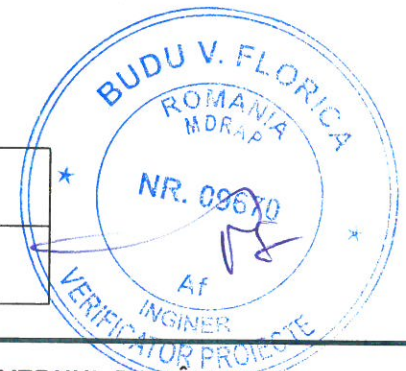
**DENUMIRE PROIECT/ DENUMIRE LUCRARE:** "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"  
**Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA**  
 "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER"  
**Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS**

PROIECTANT/ DESIGNER	ing. Gh. Neata	SEMNTURA/ SIGNATURE	SPECIALITATE/ SPECIALITY	<b>STUDIU GEOTEHNIC</b> Terasamente
EXPERT CHEIE/ KEY EXPERT	ing. C. Grosu			
MP/PM	ing. M. Baicu		DENUMIRE PLAN/ DRAWING TITLE	<b>Profil transversal km 52+000</b>
DATA/DATE:	03.2018	SCARA/SCALE:	1:100	
EXEMPLAR NR./ EXEMPLARY NO.	1	EXEMPLAR NR./ EXEMPLARY NO.	1	COD PLAN/ CODIFICATION SYSTEM:
				SG 207 Lot 2 27 Ts05 01 00

# km 52+200

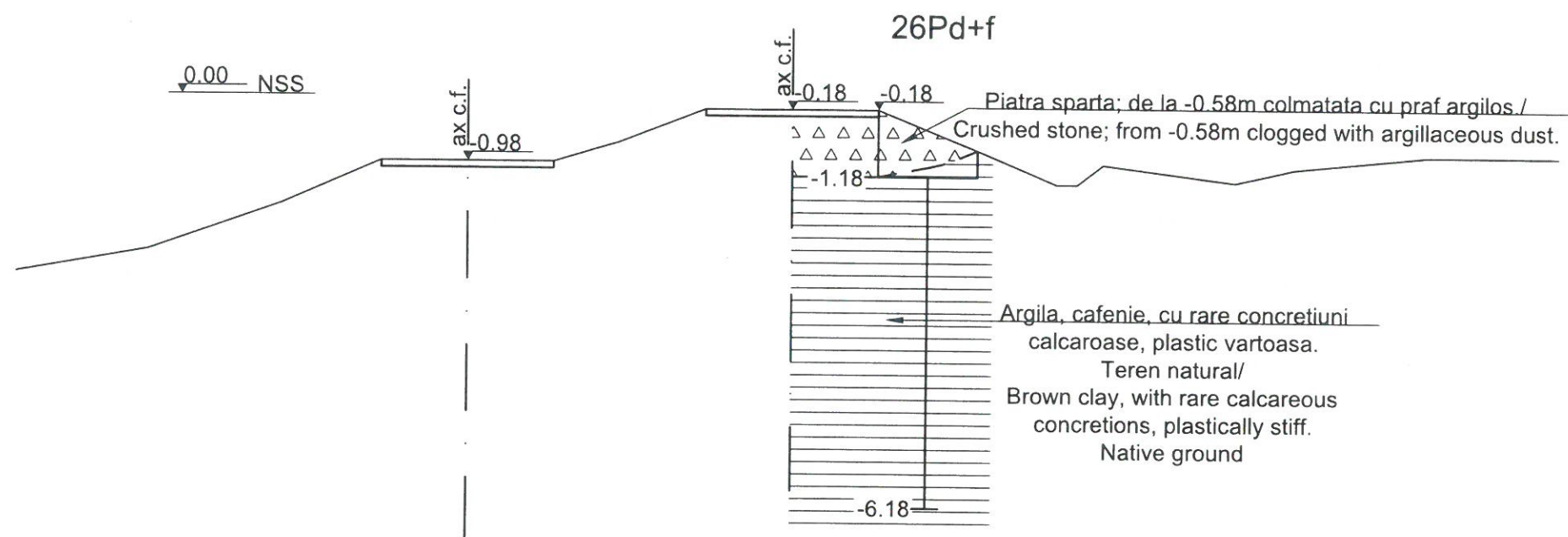


Teren	Distante	9.60	7.60	6.10	4.80	3.50	2.60	1.30	0.00	1.30	2.30	3.00	4.40	5.55	6.25	7.35	9.35
	Cote	-1.68	-0.83	-0.18	-0.18	-0.18	-0.68	-0.18	-0.18	-0.18	-0.48	-0.33	-1.13	-1.63	-0.13	0.57	1.07

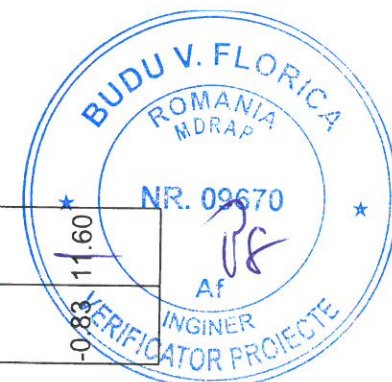


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 52+200</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 27 Ts06 01 00</b>	
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	COD PLAN/CODIFICATION SYSTEM:

km 52+800



Teren	Distante	-11.70	-9.70	-7.70	-6.20	-4.90	-3.60	-2.60	-1.30	0.00	1.30	2.80	4.00	4.30	4.70	6.70	7.60	9.60
	Cote	-2.68	-2.33	-1.63	-0.98	-0.98	-0.98	-0.68	-0.18	-0.18	-0.18	-0.78	-1.28	-1.28	-0.98	-1.23	-1.03	-0.83

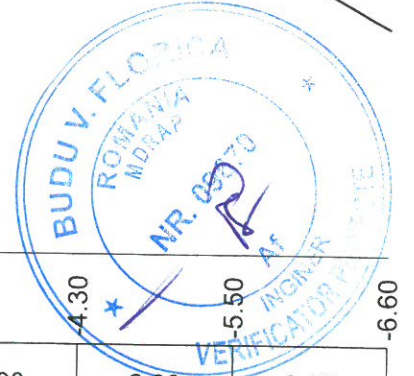
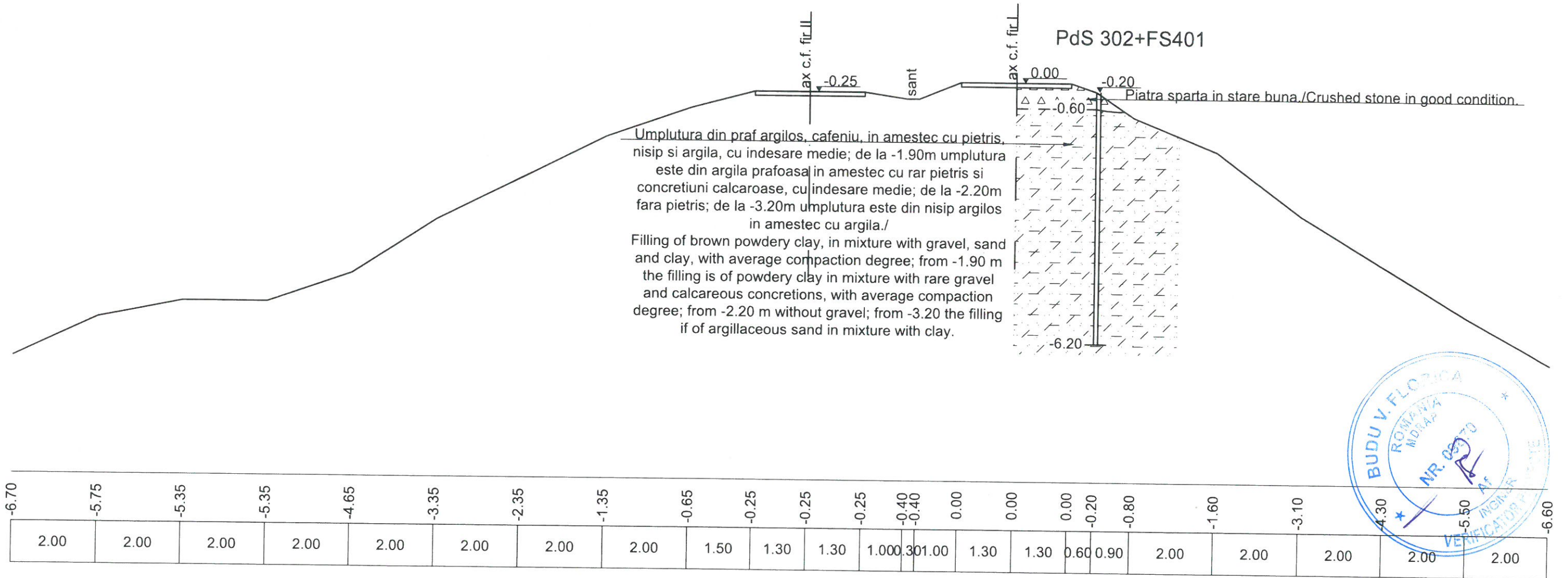


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIAREA/ JOINT VENTURE: & J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 52+800</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 27 Ts07 01 00	





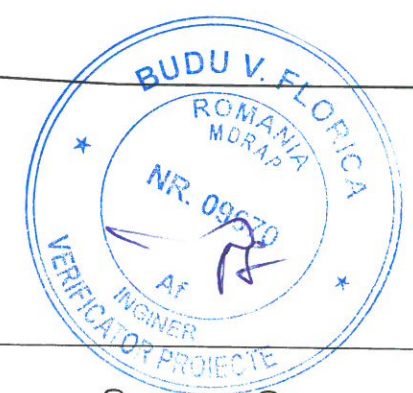
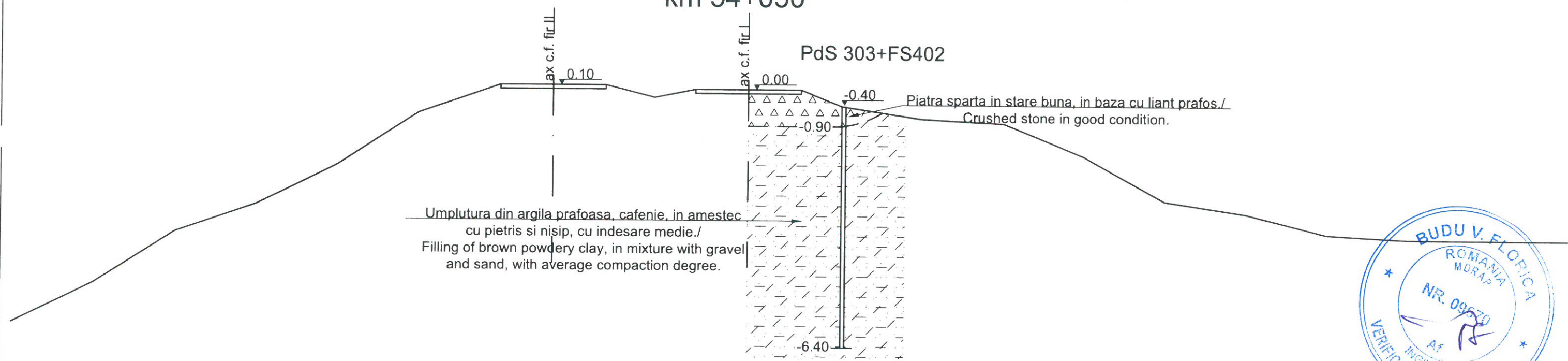
km 53+500



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE:		PROJECT TITLE/WORKS TITLE:	
SUBCONTRACTANT/ SUBCONTRACTOR: GEO - SERV SRL / J/40/12943/1994		STUDIU GEOTEHNIC Terasamente	
PROIECTANT/DESIGNER: Geostud	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE:	
MP/IPM: ing. M. Baicu	SEMNATURA/SIGNATURE:	PROFIL transversal km 53+300	
DATA/DATE: 03.2018	SCARA/SCALE: 1:200	COD PLAN/CODIFICATION SYSTEM:	
EXEMPLAR NR./EXEMPLARY NO.: 1		SG 207 Lot 2 27 Ts09 01 00	

km 54+050

PdS 303+FS402

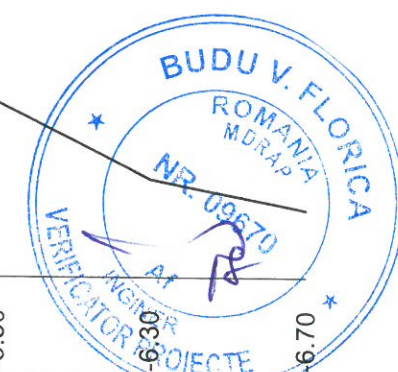
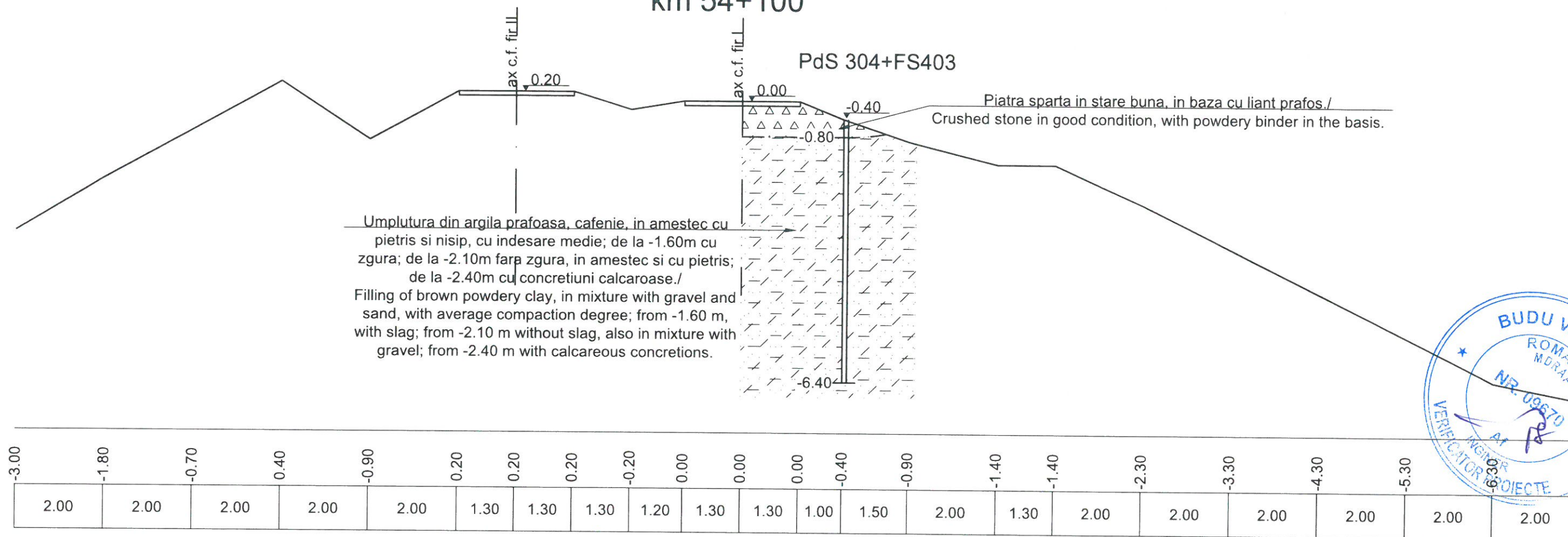


-5.90	-4.90	-3.60	-2.90	-1.90	-0.60	0.10	0.10	0.10	-0.20	0.00	0.00	0.00	0.00	-0.40	-0.70	-0.80	-1.60	-2.70	-3.00	-3.50	-3.60	-3.60	-3.60
2.00	2.00	2.00	2.00	2.00	2.00	1.30	1.30	1.20	1.00	1.30	1.30	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
&		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: <b>Geostud</b>		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil geolitologic transversal km 54+050</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:200</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 27 Ts10 01 00</b>	

km 54+100

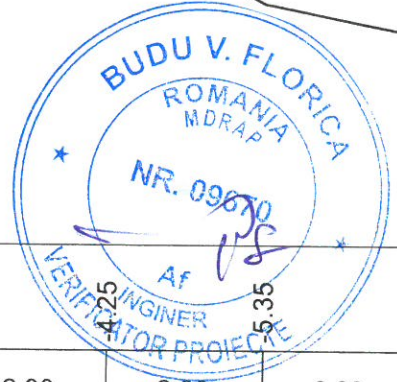
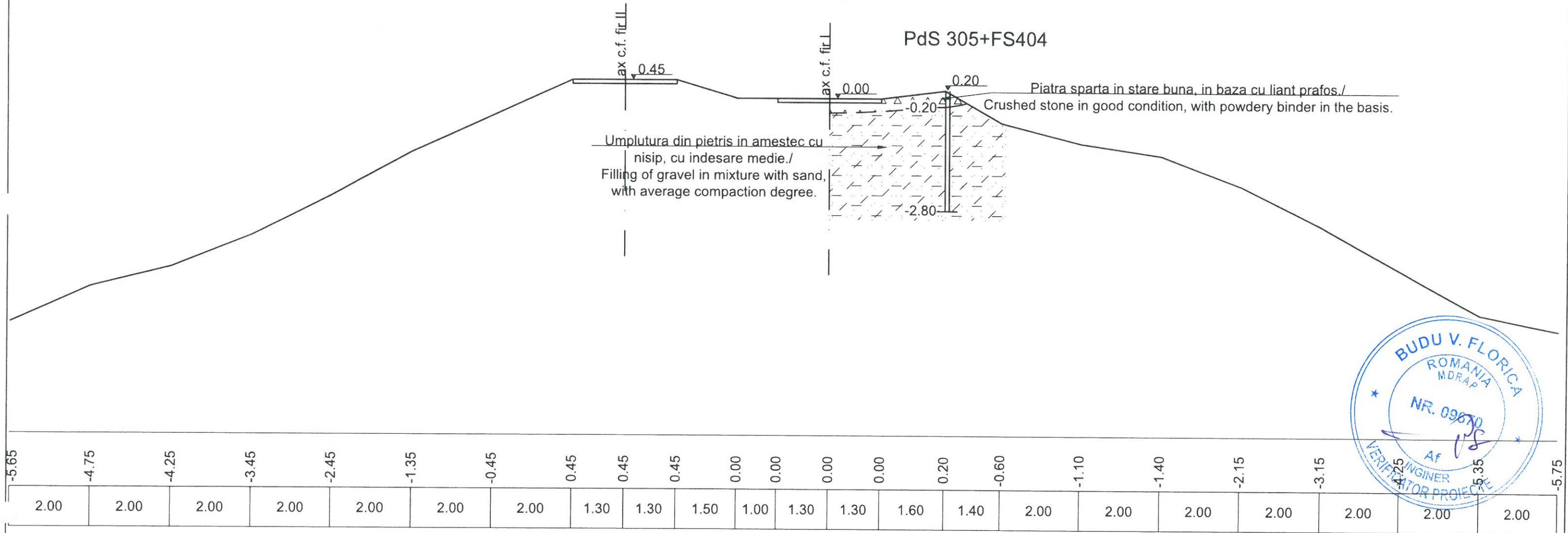
PdS 304+FS403



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:		DENUMIRE PROJECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/ WORKS TITLE:	
PROIECTANT/ DESIGNER: <b>Geostud</b>		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil geolitic transversal km 54+100</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:200</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 27 Ts11 01 00</b>	

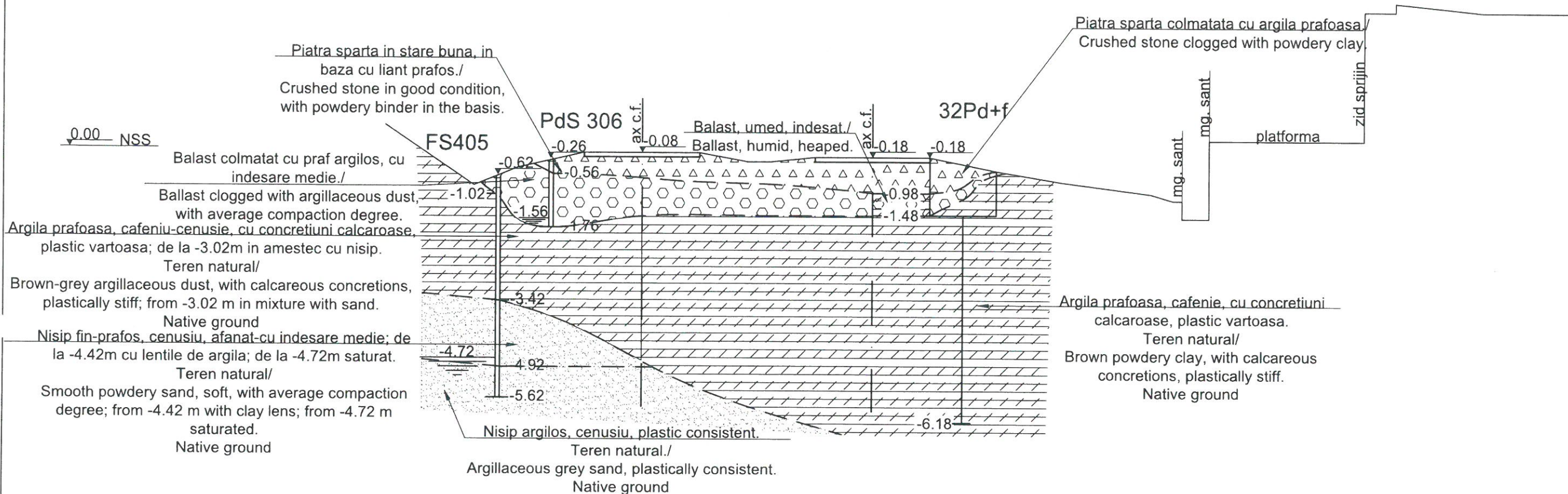
km 54+250

PdS 305+FS404

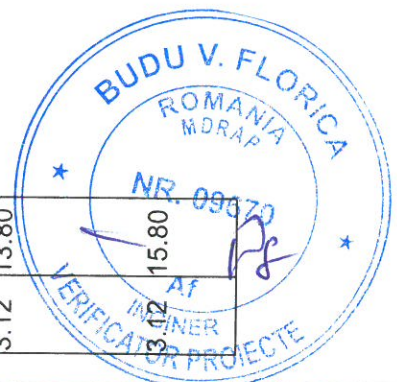


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE:		PROJECT TITLE/WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>Geostud</b>		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		DENUMIRE PLAN/DRAWING TITLE: <b>Profil geolitic transversal km 54+250</b>	
MP/PM: <b>ing. M. Baicu</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 27 Ts12 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:200</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM:	

# km 54+400

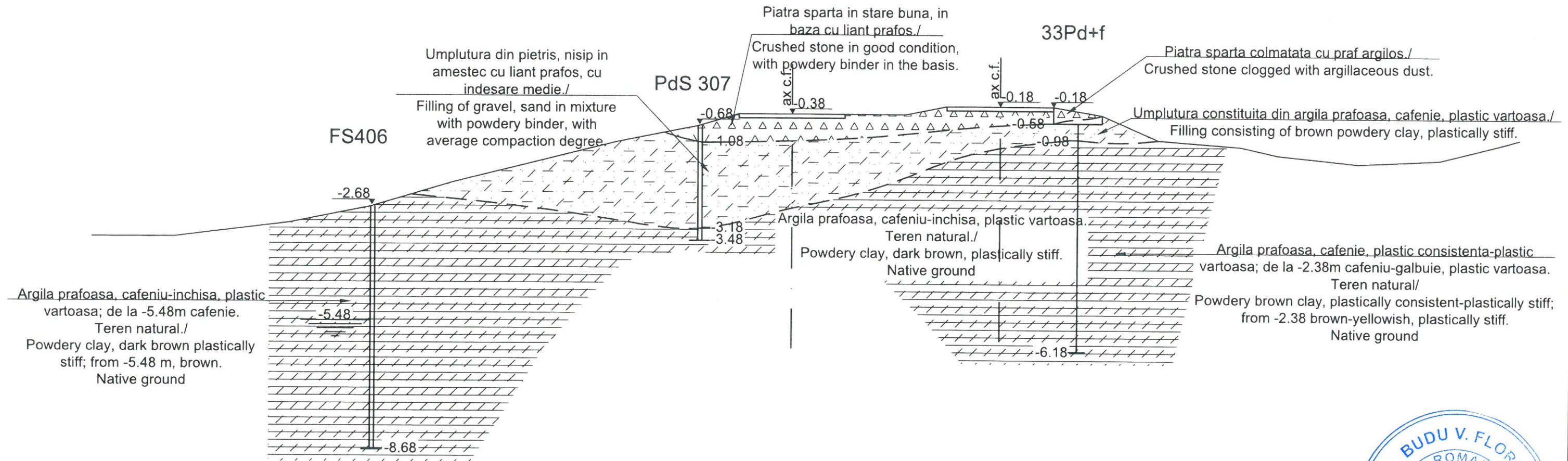


Teren	Distanțe	0.00	-1.00	-2.00	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00										
	Nisip argilos, cenușiu, plastic consistent	0.03	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.28	0.28	0.18	0.18	0.48	0.73	0.98	1.13	1.53	1.53	0.22	3.12	3.12

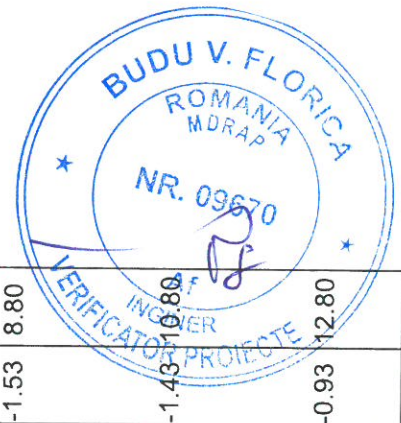


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR BENEFICIARY:</b>		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE: 		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> Terasamente	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 54+400</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 27 Ts13 01 00	

km 54+600

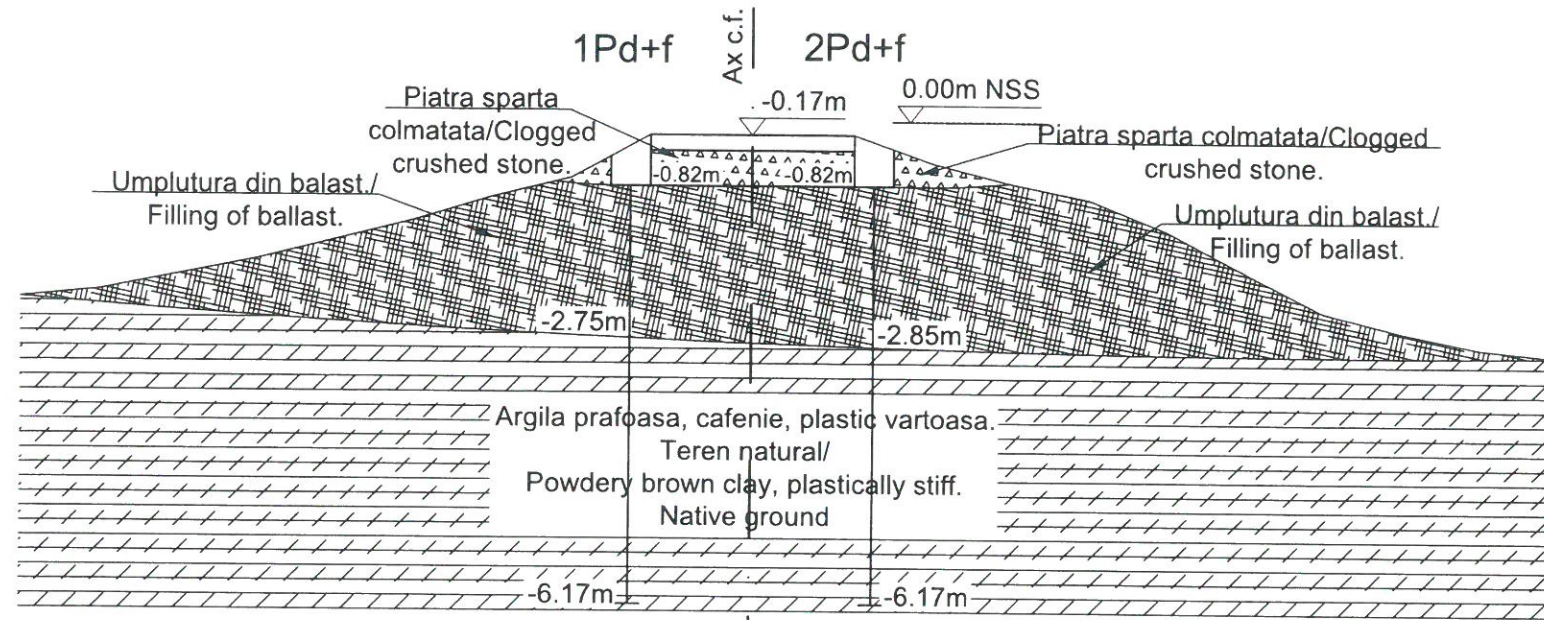


Distante Teren	-22.20	-20.20	-19.40	-17.40	-15.40	-13.40	-11.40	-9.40	-7.40	-6.40	-5.10	-3.80	-2.30	-1.30	0.00	1.30	2.50	3.90	5.90	6.80	8.80	10.80	12.80
Cote	-3.43	-3.43	-3.33	-3.08	-2.68	-1.18	-1.58	-1.08	-0.68	-0.38	-0.38	-0.38	-0.38	-0.18	-0.18	-0.18	-0.38	-0.98	-1.13	-1.33	-1.53	-1.43	-0.93

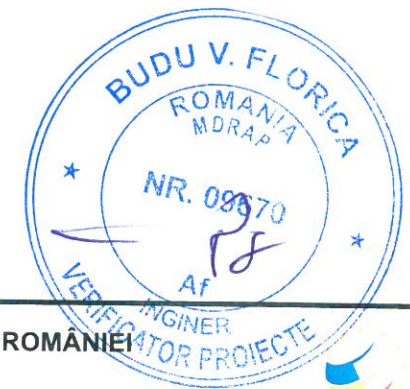


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER: ASOCIEREA/JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994	 J40/9877/2001 J40/20534/2004	DENUMIRE PROIECT/DENUMIRE LUCRARE: PROJECT TITLE/WORKS TITLE:	"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS
PROIECTANT/DESIGNER: <b>ing. Gh. Neata</b>	SEMNĂTURĂ/SIGNATURE:	SPECIALITATE/SPECIALITY:	<b>STUDIU GEOTEHNIC</b> Terasamente
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>	SEMNĂTURĂ/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE:	<b>Profil transversal km 54+600</b>
MP/PM: <b>ing. M. Baicu</b>	SEMNĂTURĂ/SIGNATURE:	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	COD PLAN/CODIFICATION SYSTEM:
DATA/DATE: <b>03.2018</b>	SCARĂ/SCALE: <b>1:200</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	<b>SG 207 Lot 2 27 Ts14 01 00</b>

# km 55+300



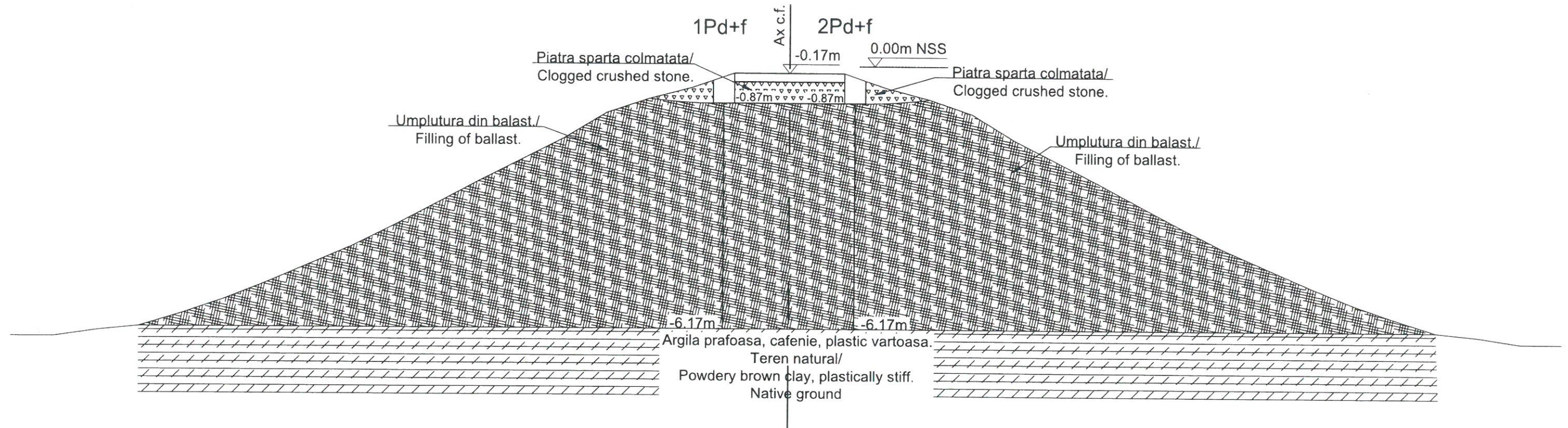
Distante	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30
Cote	-2.27	-2.17	-1.97	-1.77	-1.52	-1.27	-0.97	-0.72	-0.17	-0.17	-0.17	-0.52	-0.77	-0.97	-1.37	-1.89	-2.39	-2.64	-2.84	-2.94



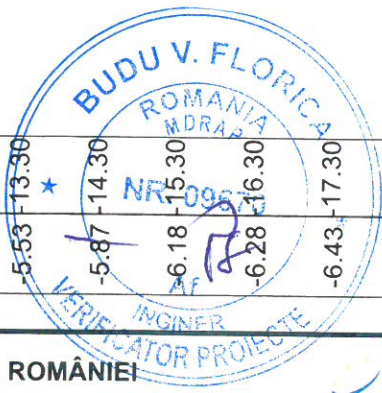
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/IPM: ing. M. Baicu		SEMNATURA/SIGNATURE: SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b> DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 55+300</b> DATA/DATE: 03.2018 SCARA/SCALE: 1:100 EXEMPLAR NR./EXEMPLARY NO.: 1	
COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts01 01 00			



# km 55+600

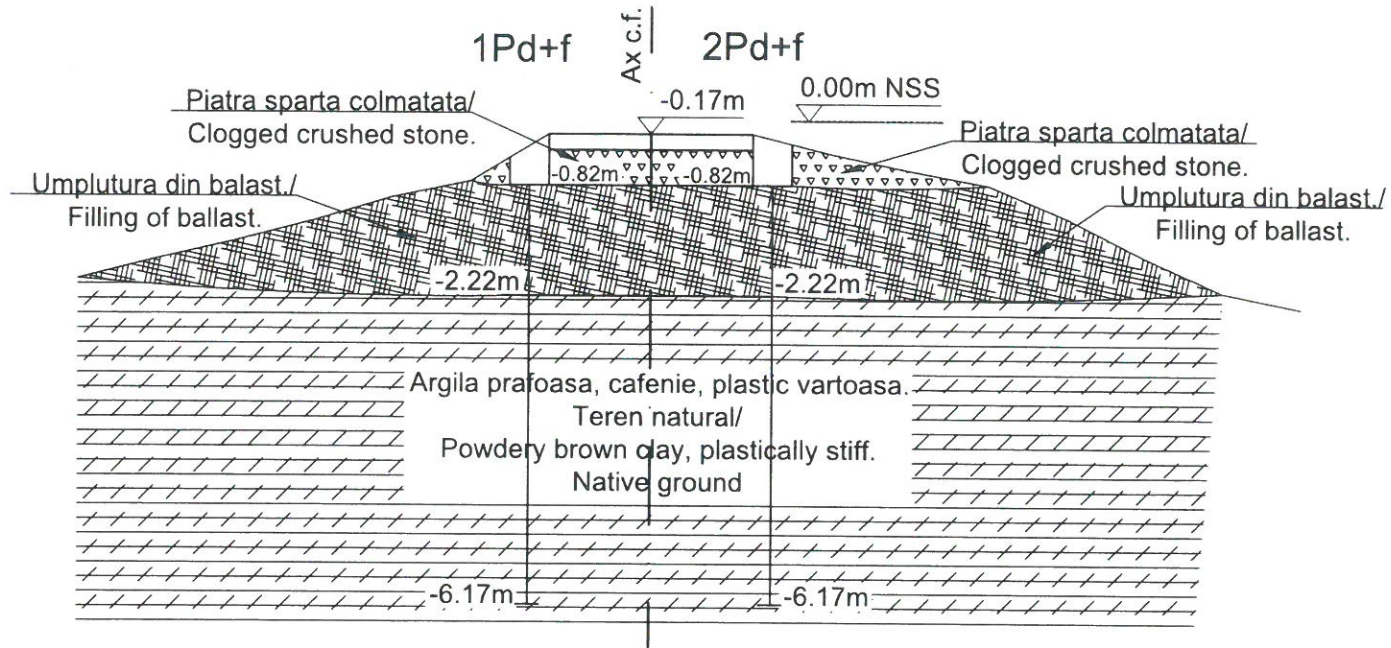


Distante	-18.30	-17.30	-16.30	-15.30	-14.30	-13.30	-12.30	-11.30	-10.30	-9.30	-8.30	-7.30	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30	11.30	12.30	13.30	14.30	15.30	16.30	17.30	18.30
Cote	-6.43	-6.43	-6.28	-6.18	-5.87	-5.53	-5.13	-4.70	-4.27	-3.77	-3.24	-2.71	-2.21	-1.71	-1.11	-0.77	-0.51	-0.17	-0.17	-0.17	-0.51	-0.77	-1.11	-1.71	-2.21	-2.71	-3.24	-3.77	-4.27	-4.70	-5.13	-5.53	-5.87	-6.18	-6.28	-6.43	-6.43

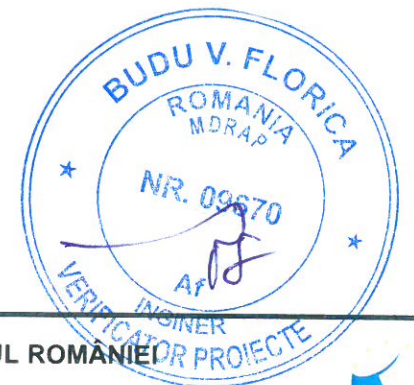


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  & 		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons	SEMNATURA / SIGNATURE: 	<b>STUDIU GEOTEHNIC</b> Terasamente	
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	DENUMIRE PLAN / DRAWING TITLE:	<b>Profil transversal km 55+600</b>	
MP/PM: ing. M. Baicu	DATA / DATE: 03.2018	SCARA / SCALE: 1:100	EXEMPLAR NR. / EXEMPLARY NO.: 1
COD PLAN / CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts02 01 00			

# km 55+900

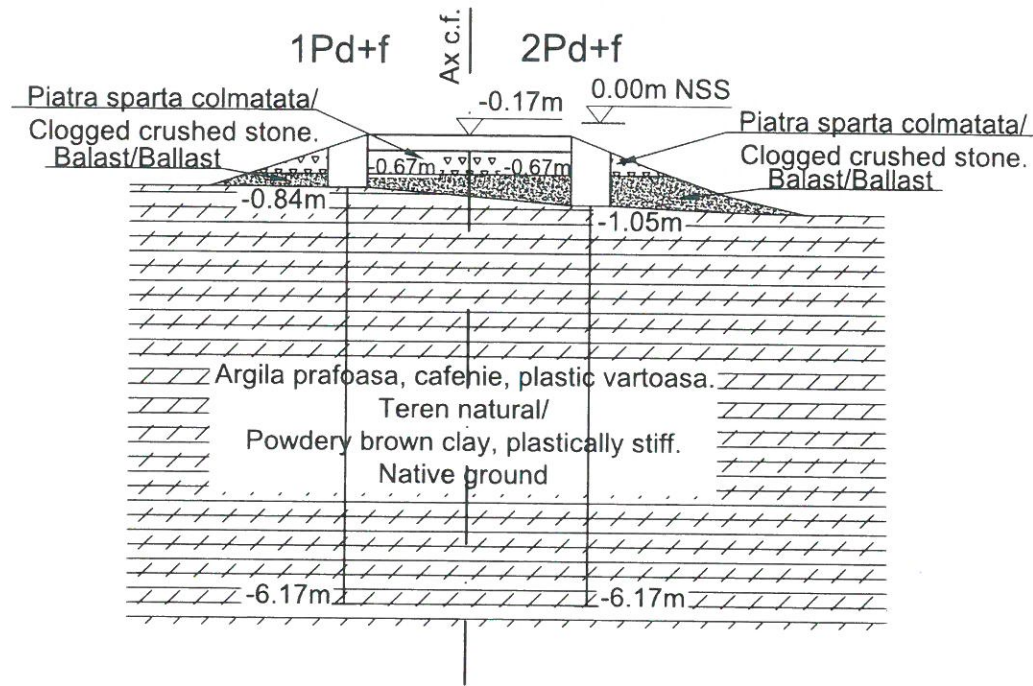


Distante	-7.30	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30
Cote	-2.02	-1.77	-1.54	-1.28	-0.98	-0.77	-0.17	-0.17	-0.17	-0.42	-0.63	-0.81	-1.22	-1.72	-2.16	-2.36

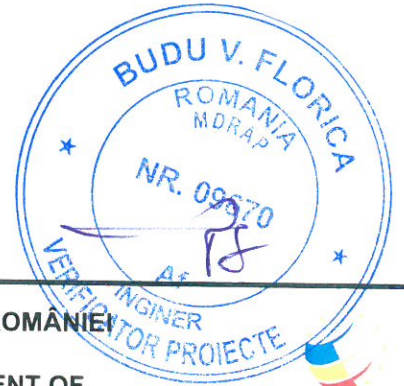


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: STUDIU GEOTEHNIC Terasamente
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 55+900</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1
COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts03 01 00			

km 56+300

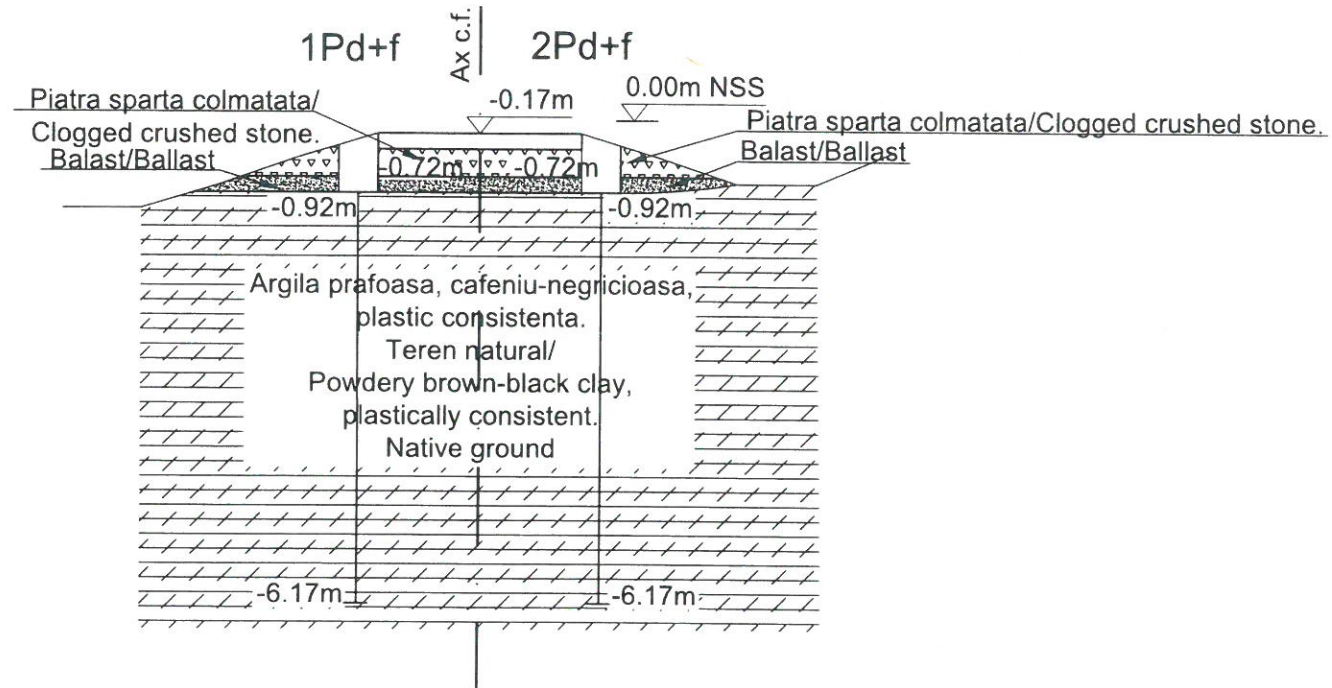


Distante	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-0.83	-0.83	-0.51	-0.17	-0.17	-0.17	-0.57	-0.92	-1.15	-1.15

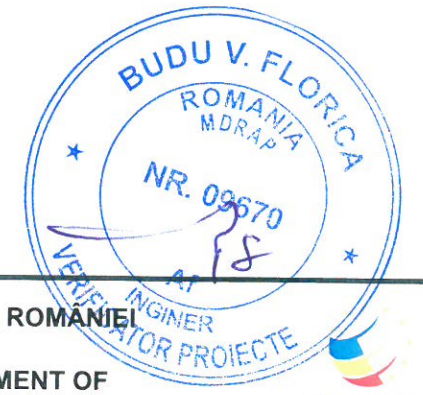


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	MP/PM: ing. M. Baicu	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 56+300</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts04 01 00	

km 56+600

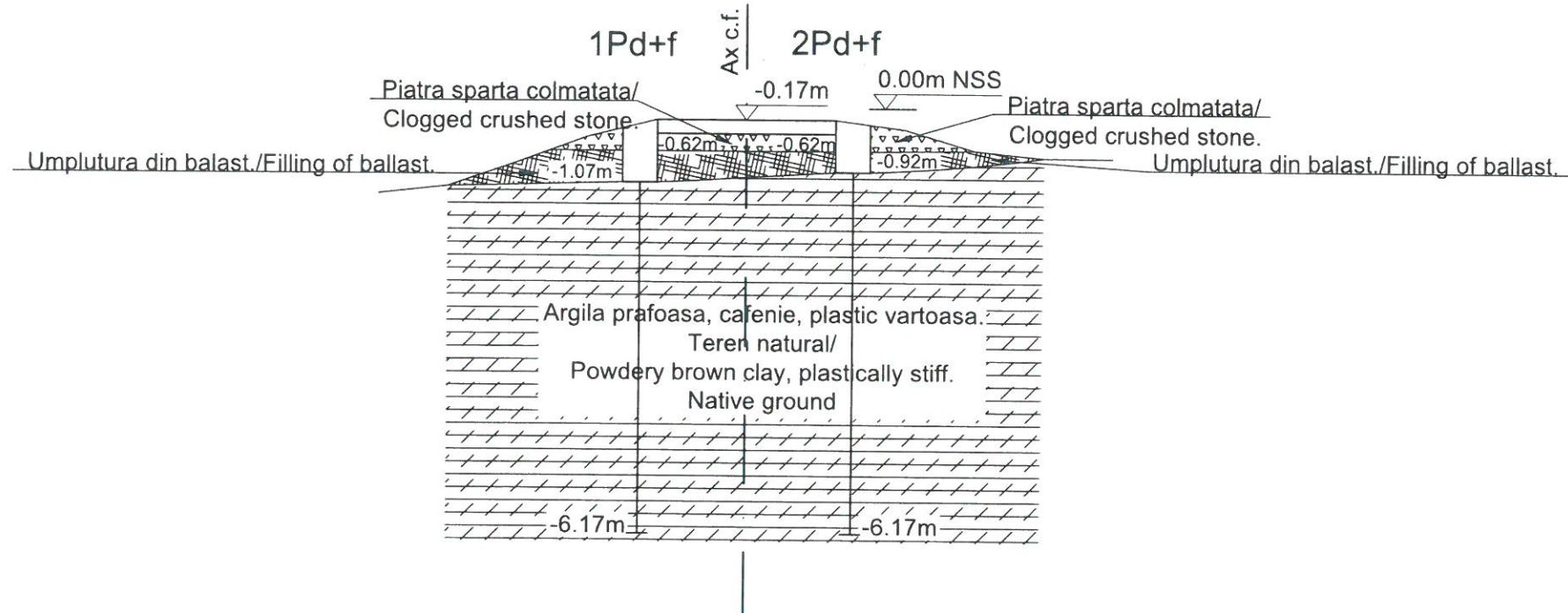


Distante	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-1.12	-1.12	-0.82	-0.47	-0.17	-0.17	-0.17	-0.47	-0.80	-0.80	-0.38

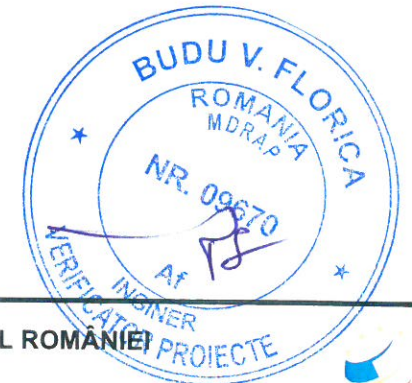


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 56+600</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1
		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts05 01 00	

km 56+920

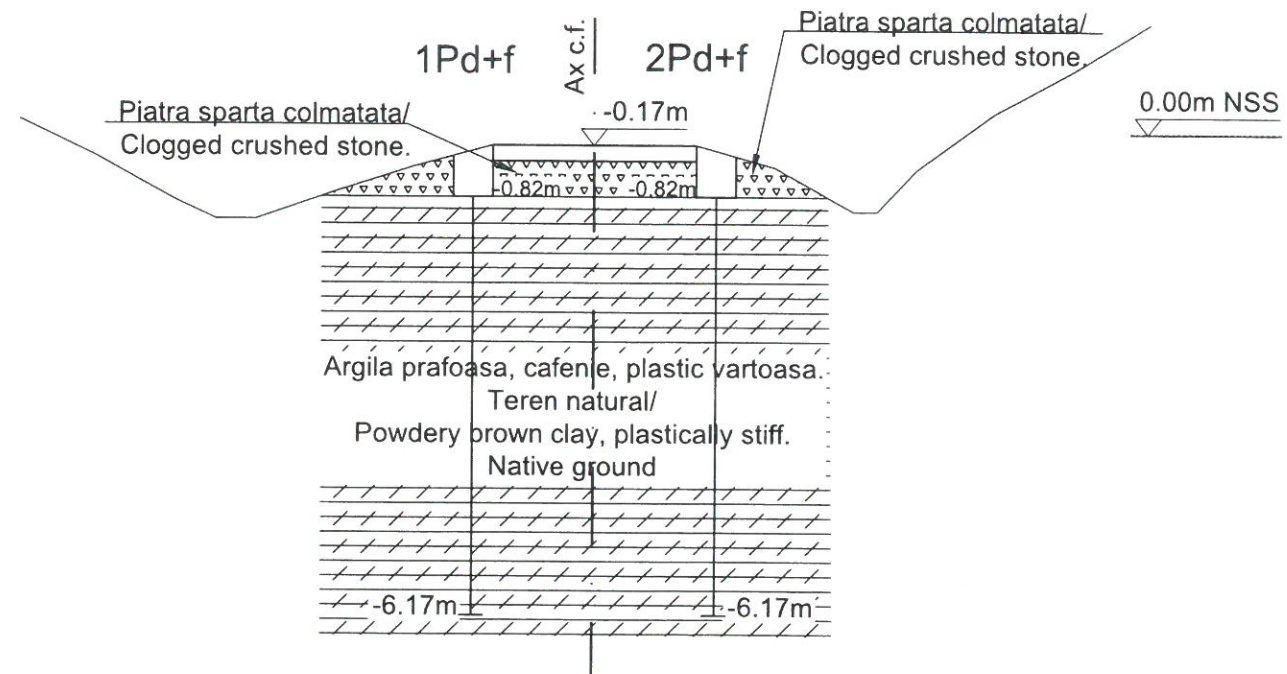


Distante	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-1.12	-1.12	-0.82	-0.47	-0.17	-0.17	-0.17	-0.30	-0.60	-0.70	-0.70

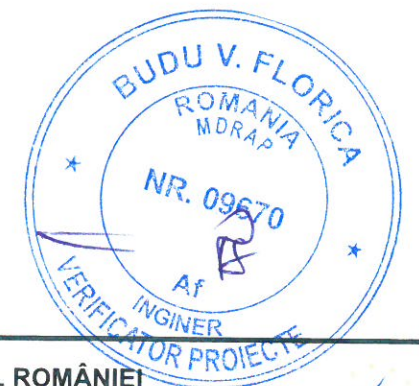


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & 		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons		SEMNATURA/SIGNATURE: 	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM:	
		SG 207 Lot 2 29 Ts06 01 00	

km 57+300

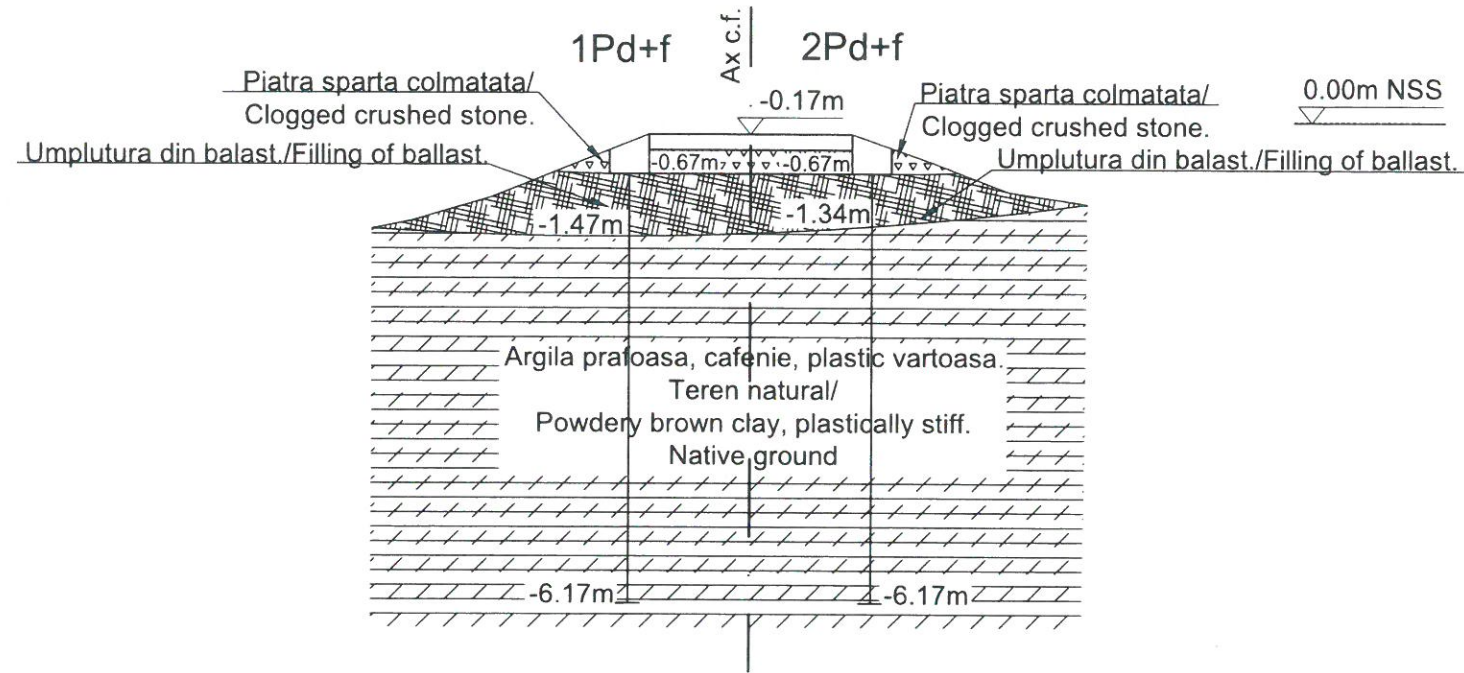


Distante	+0.14	-7.30	-0.33	-6.30	-0.88	-5.30	-1.11	-4.80	-1.11	-4.30	-0.76	-3.30	-0.44	-2.30	-0.17	-1.30	-0.17	0.00	-0.17	1.30	-0.45	2.30	-1.00	3.30	-1.00	3.60	-0.47	4.10	+0.25	5.10	+0.79	-6.10	+1.39	-7.10
Cote																																		

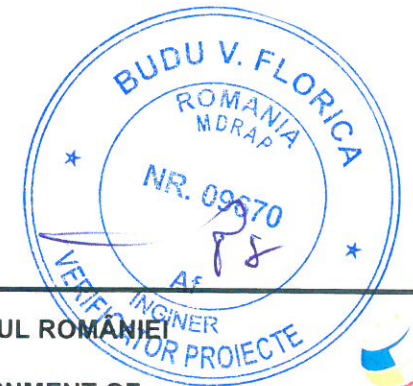


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 57+300</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA / DATE: 03.2018		SCARA / SCALE: 1:100	EXEMPLAR NR. / EXEMPLARY NO.: 1
		COD PLAN / CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts07 01 00	

km 57+600

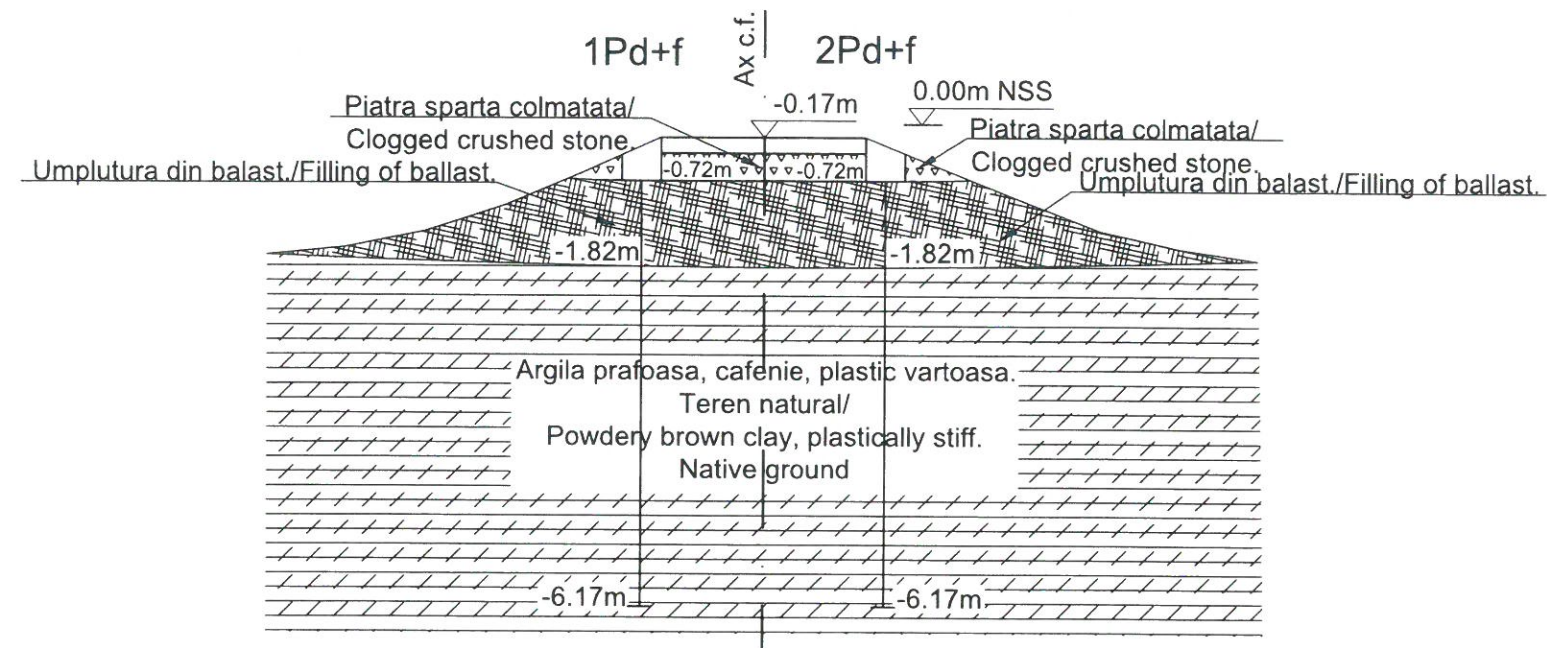


Distante	4.80	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30
Cote	-1.37	-1.27	-0.97	-0.57	-0.17	-0.17	-0.17	-0.52	-0.90	-1.05

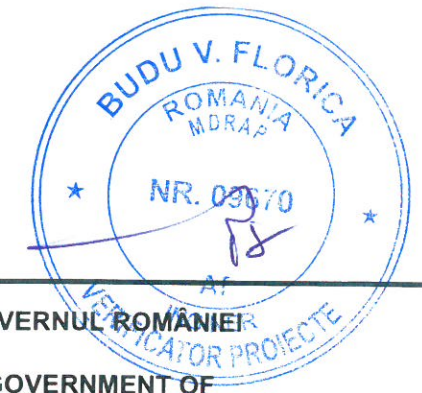


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: <b>Baicons</b>	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE / KEY EXPERT: <b>ing. C. Grosu</b>	SEMNATURA / SIGNATURE:	DENUMIRE PLAN / DRAWING TITLE: <b>Profil transversal km 57+600</b>	
MP/PM: <b>ing. M. Baicu</b>	SEMNATURA / SIGNATURE:	COD PLAN / CODIFICATION SYSTEM: <b>SG 207 Lot 2 29 Ts08 01 00</b>	
DATA / DATE: <b>03.2018</b>	SCARA / SCALE: <b>1:100</b>	EXEMPLAR NR. / EXEMPLARY NO.: <b>1</b>	COD PLAN / CODIFICATION SYSTEM:

km 57+900



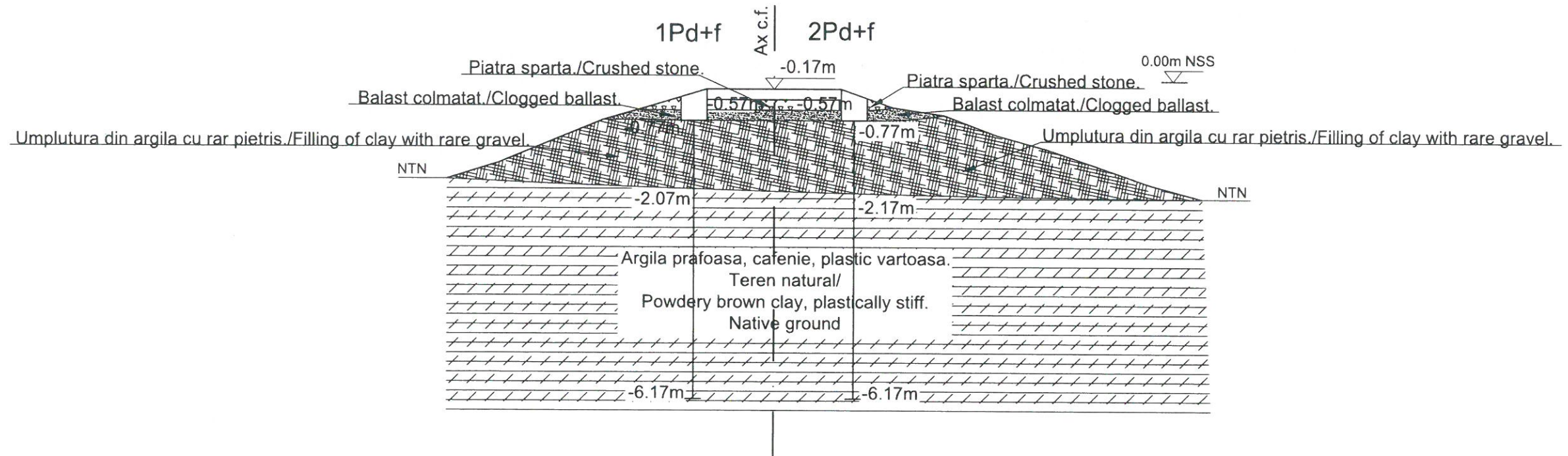
Distante	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30
Cote	-1.67	-1.57	-1.37	-1.04	-0.62	-0.17	-0.17	-0.17	-0.57	-0.97	-1.35	-1.57	-1.72



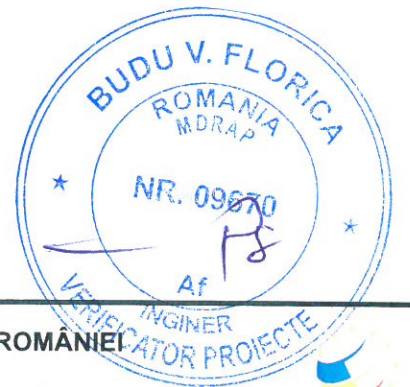
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIAREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons		SEMNATURA / SIGNATURE:	
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu		SPECIALITATE / SPECIALITY:	
MP/PM: ing. M. Baicu		DENUMIRE PLAN / DRAWING TITLE:	
DATA / DATE: 03.2018		SCARA / SCALE: 1:100	
EXEMPLAR NR. / EXEMPLARY NO.: 1		COD PLAN / CODIFICATION SYSTEM:	
		SG 207 Lot 2 29 Ts09 01 00	



km 58+300

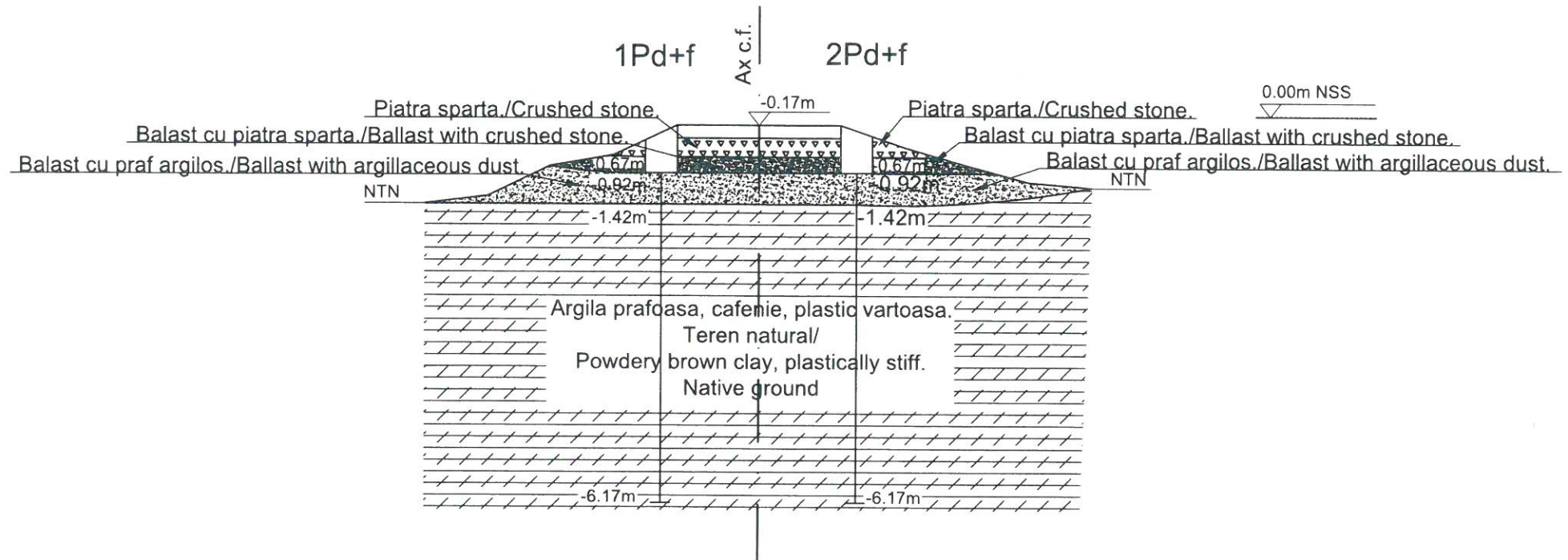


Distante	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30
Cote	-1.90	-1.59	-1.17	-0.76	-0.47	-0.17	-0.17	-0.17	-0.52	-0.67	-1.05	-1.32	-1.66	-2.00	-2.27

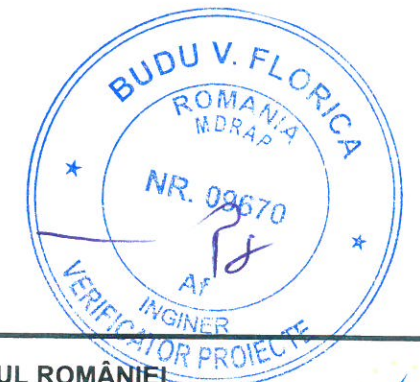


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons	NUME / NAME: Baicons	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 58+300</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA / DATE: 03.2018		SCARA / SCALE: 1:100	EXEMPLAR NR. / EXEMPLARY NO.: 1
		COD PLAN / CODIFICATION SYSTEM: SG 207 Lot 2 29 Ts10 01 00	

km 58+600

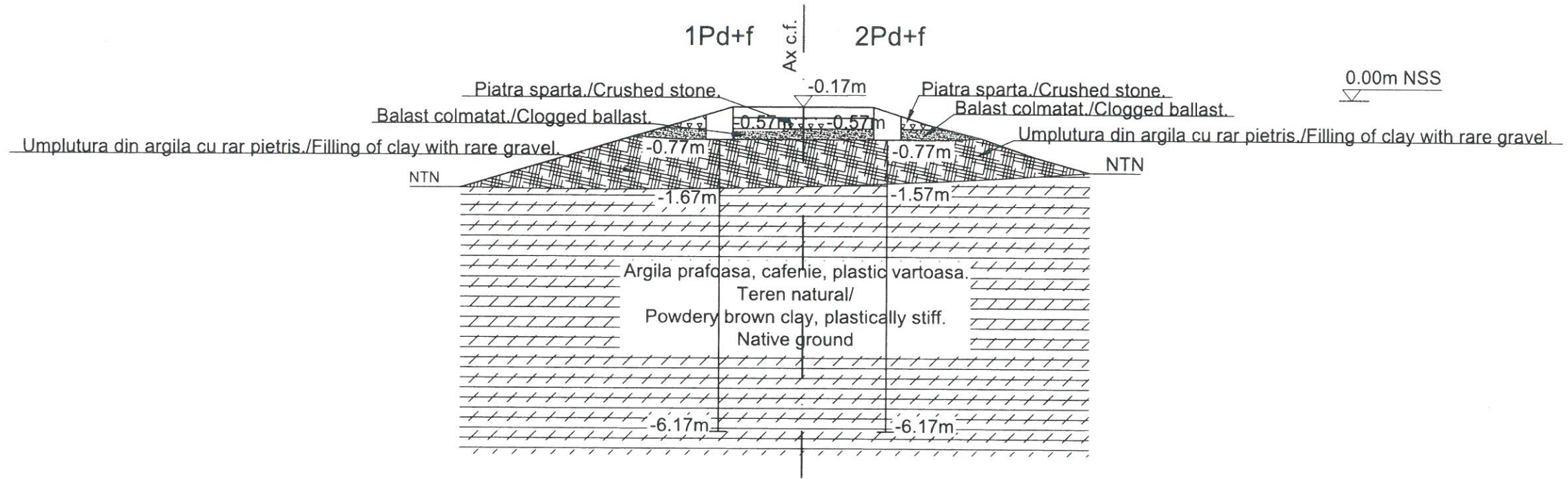


Distante	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-1.41	-1.29	-0.81	-0.64	-0.17	-0.17	-0.17	-0.51	-0.79	-1.06	-1.14

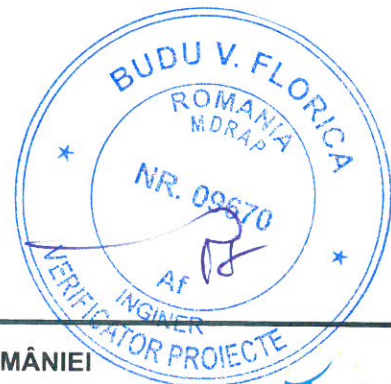


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b>  & 		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>ASOCIEREA/ JOINT VENTURE:</b> J40/9877/2001 & J40/20534/2004 <b>SUBCONTRACTANT/ GEO - SERV SRL</b> <b>SUBCONTRACTOR:</b> JI40/12943/1994		<b>PROJECT TITLE/ WORKS TITLE:</b>	
<b>PROIECTANT/ DESIGNER:</b> Baicons		<b>SEMNATURA/ SIGNATURE:</b> 	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 58+600</b>	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 29 Ts11 01 00	

km 58+900

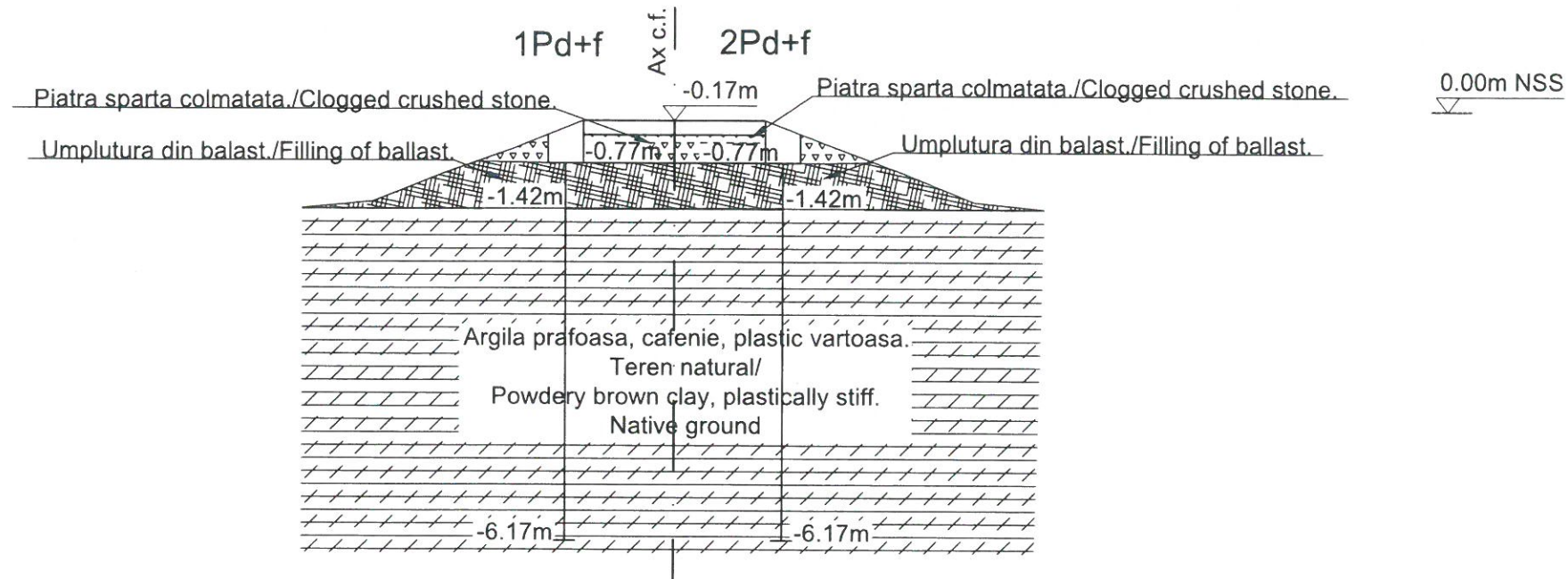


Distante	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-1.66	-1.36	-1.06	-0.76	-0.47	-0.17	-0.17	-0.17	-0.49	-0.74	-1.08	-1.36

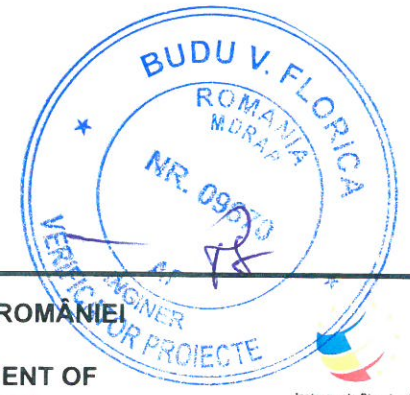


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & 		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JJ40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	SEMNATURA/SIGNATURE: 	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	MP/PM: ing. M. Baicu	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 58+900</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 29 Ts12 01 00</b>	

km 59+300

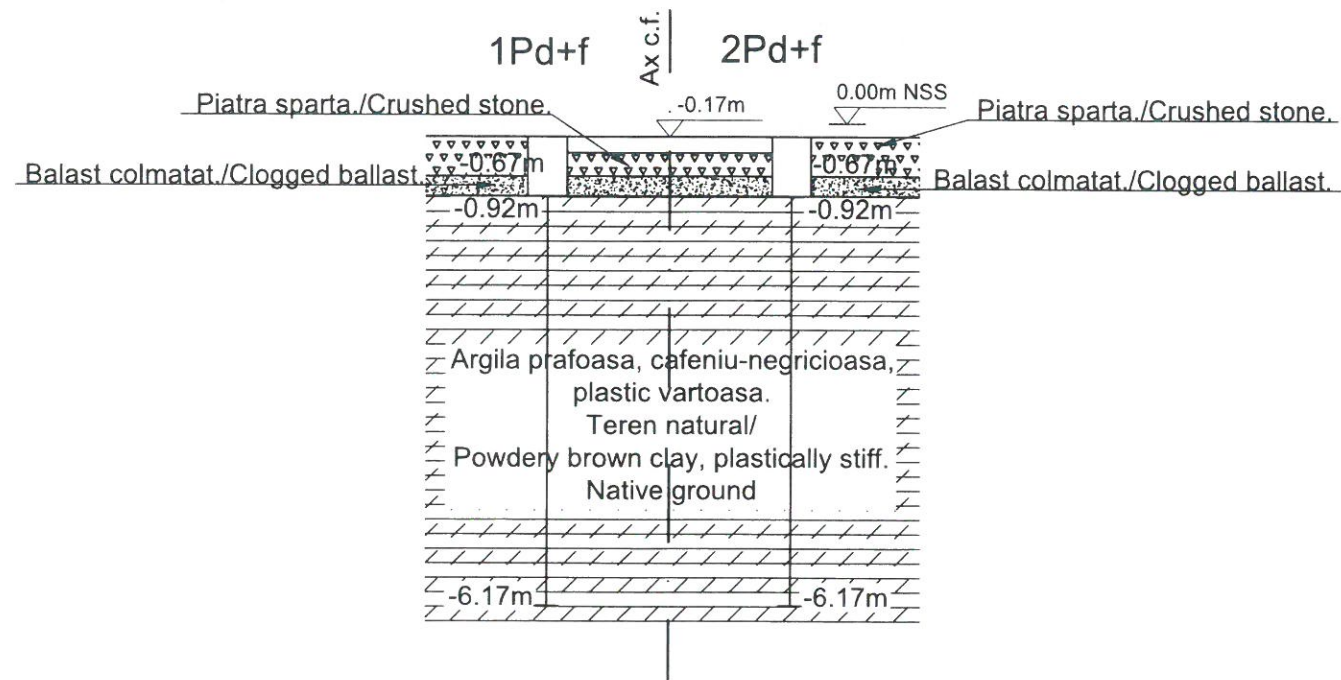


Distante	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30
Cote	-1.42	-1.32	-0.92	-0.57	-0.17	-0.17	-0.17	-0.55	-0.92	-1.32	-1.42

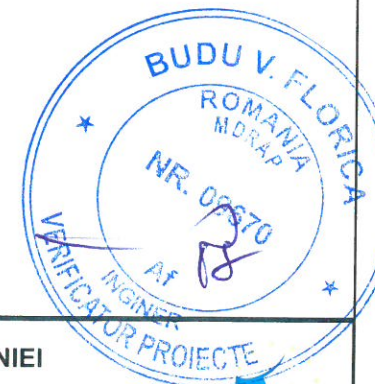


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  & ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT / DESIGNER: <b>Baicons</b>		DENUMIRE PLAN / DRAWING TITLE: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE / KEY EXPERT: <b>ing. C. Grosu</b>		DENUMIRE PLAN / DRAWING TITLE: <b>Profil transversal km 59+300</b>	
MP/PM: <b>ing. M. Baicu</b>		COD PLAN / CODIFICATION SYSTEM: <b>SG 207 Lot 2 29 Ts13 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA / SCALE: <b>1:100</b>	
EXEMPLAR NR. / EXEMPLARY NO.: <b>1</b>		COD PLAN / CODIFICATION SYSTEM: <b>SG 207 Lot 2 29 Ts13 01 00</b>	

km 59+600  
Gara Fratesti

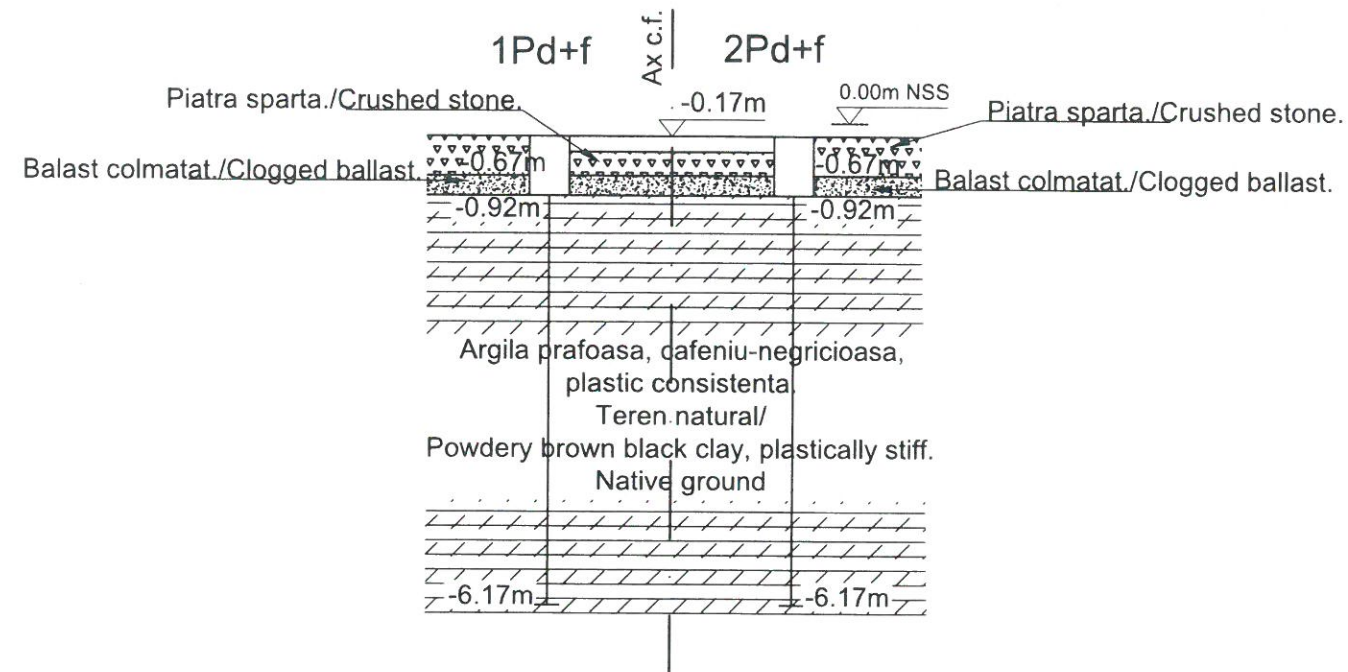


Distante	-1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

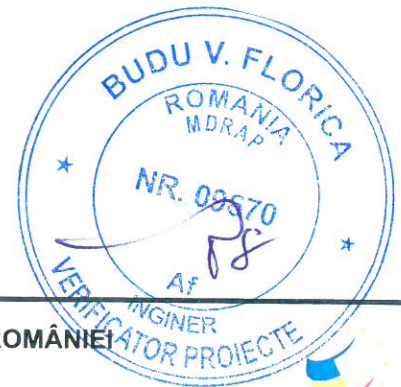


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY:	<b>STUDIU GEOTEHNIC</b> Terasamente
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu	DENUMIRE PLAN/DRAWING TITLE:	<b>Profil transversal km 59+600</b>	
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 31 Ts01 01 00

km 59+900  
Gara Fratesti

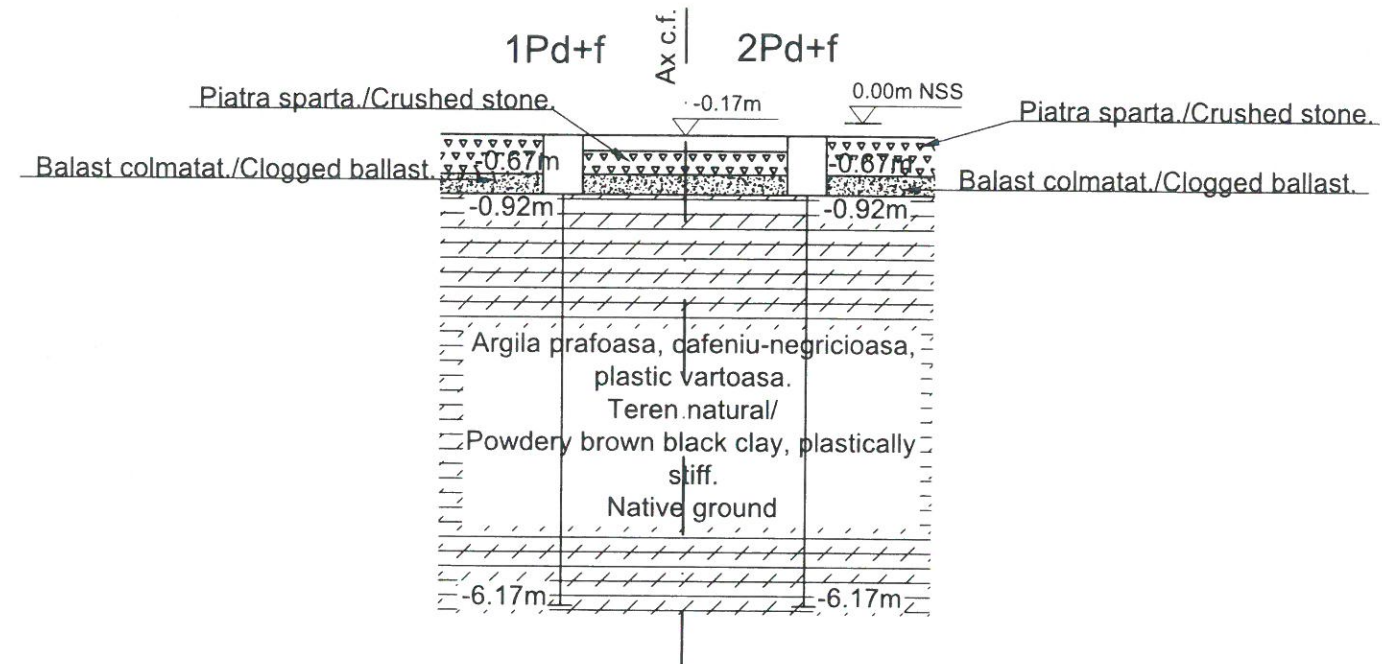


Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

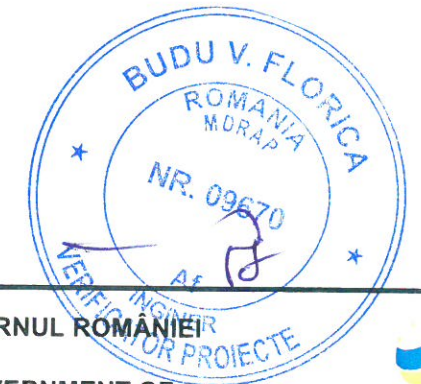


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons		DENUMIRE PLAN/DRAWING TITLE:	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu		SPECIALITATE/SPECIALITY:	
MP/PM: ing. M. Baicu		STUDIU GEOTEHNIC Terasamente	
DATA/DATE: 03.2018		PROFIL transversal km 59+900	
SCARA/SCALE: 1:100		COD PLAN/CODIFICATION SYSTEM:	
EXEMPLAR NR./EXEMPLARY NO.: 1		SG 207 Lot 2 31 Ts02 01 00	

km 60+300  
Gara Fratesti

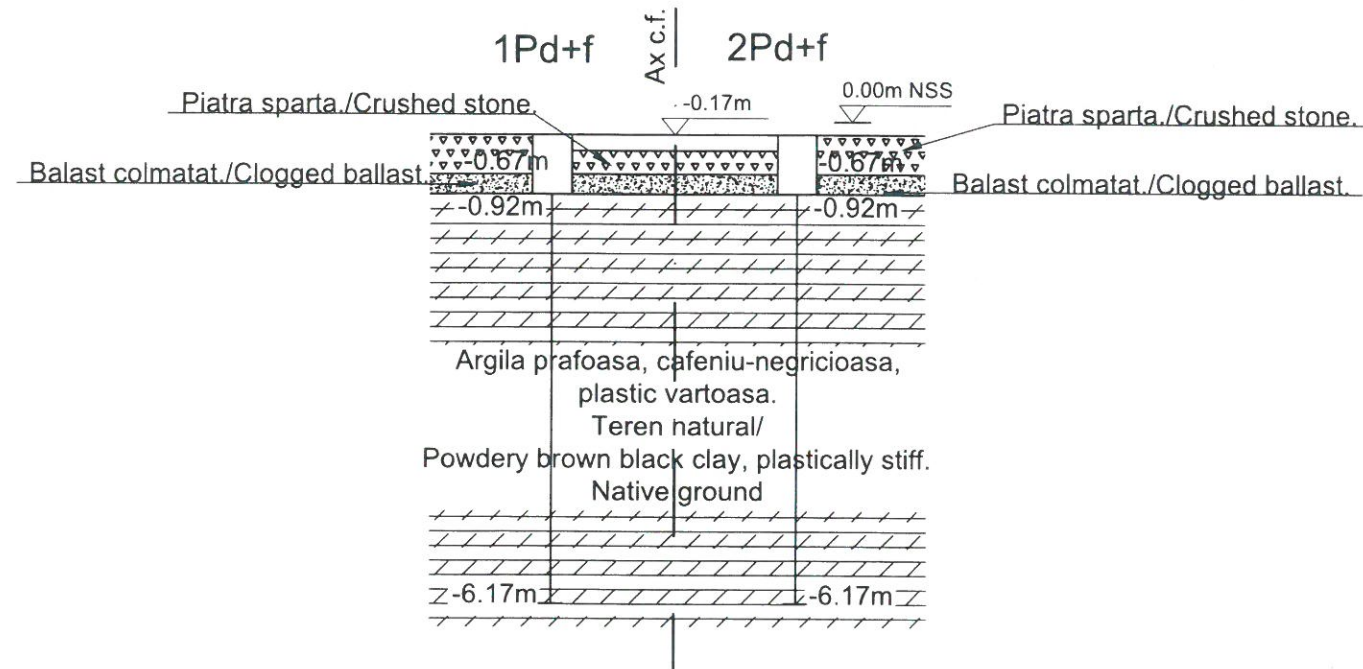


Distante	-1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

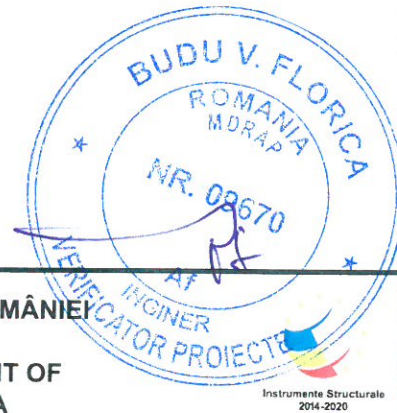


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons		DENUMIRE PLAN/DRAWING TITLE: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 60+300</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 31 Ts03 01 00	

km 60+600  
Gara Fratesti



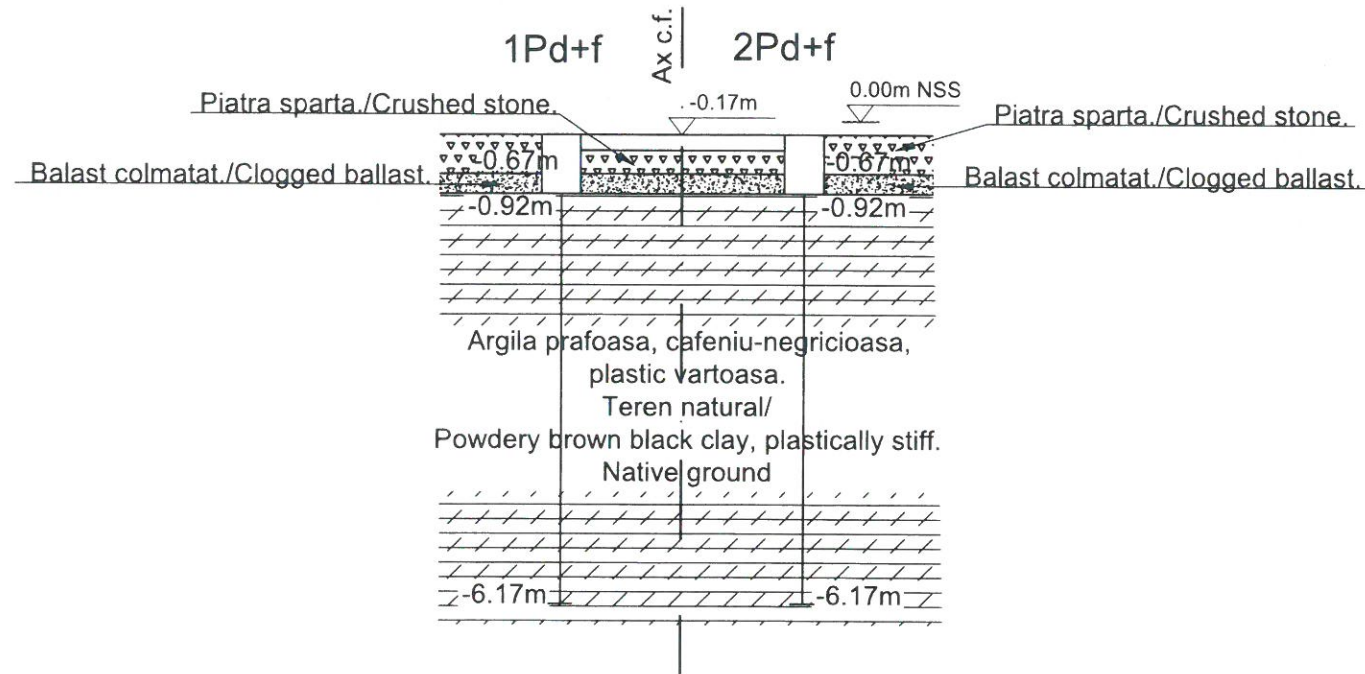
Distante	-1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> &		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
<b>ASOCIEREA/ JOINT VENTURE:</b> J40/9877/2001 & J40/20534/2004 <b>SUBCONTRACTANT/ GEO - SERV SRL</b> <b>SUBCONTRACTOR:</b> J/40/12943/1994		<b>PROJECT TITLE/ WORKS TITLE:</b>	
<b>PROIECTANT/ DESIGNER:</b> Baicons		<b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC</b> Terasamente	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 60+600</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1	
<b>DATA/DATE:</b> 03.2018		<b>SCARA/SCALE:</b> 1:100	
		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 31 Ts04 01 00	



km 60+900  
Gara Fratesti

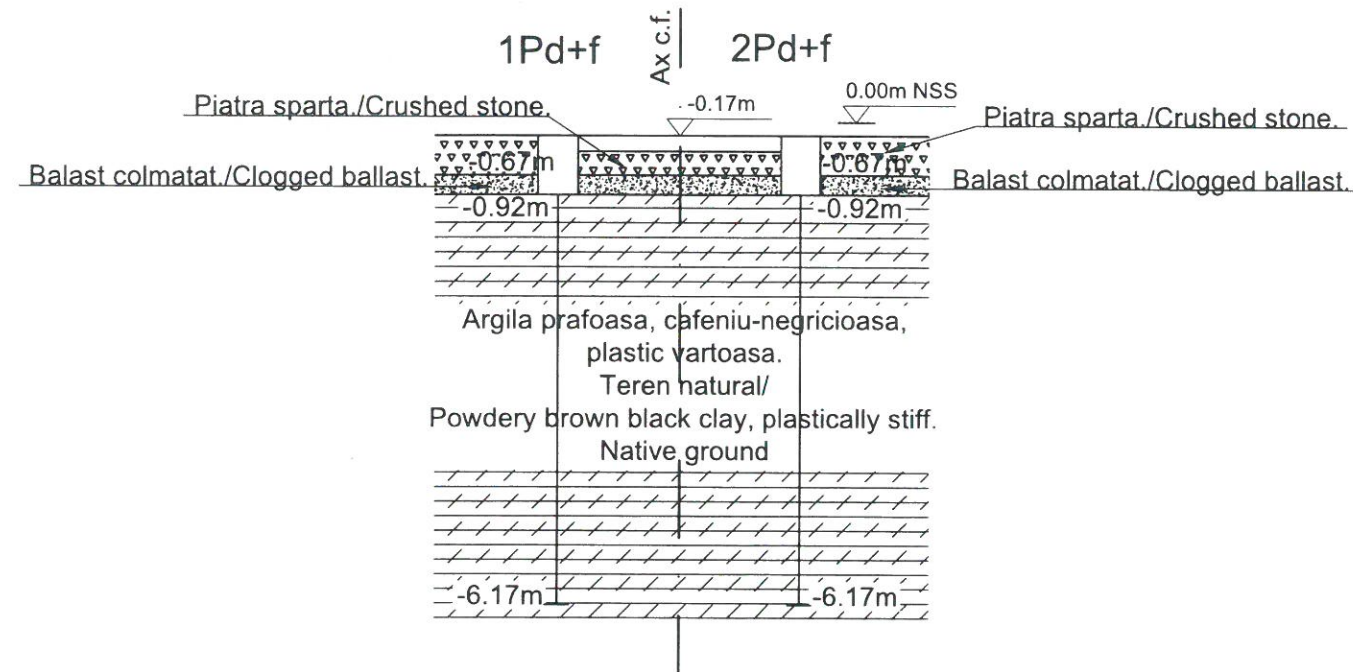


Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

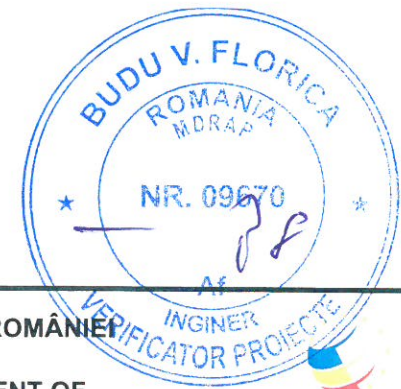


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>Baicons</b>	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 60+900</b>	COD PLAN/CODIFICATION SYSTEM:	
MP/PM: <b>ing. M. Baicu</b>	DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>
<b>SG 207 Lot 2 31 Ts05 01 00</b>			

km 61+300  
Gara Fratesti

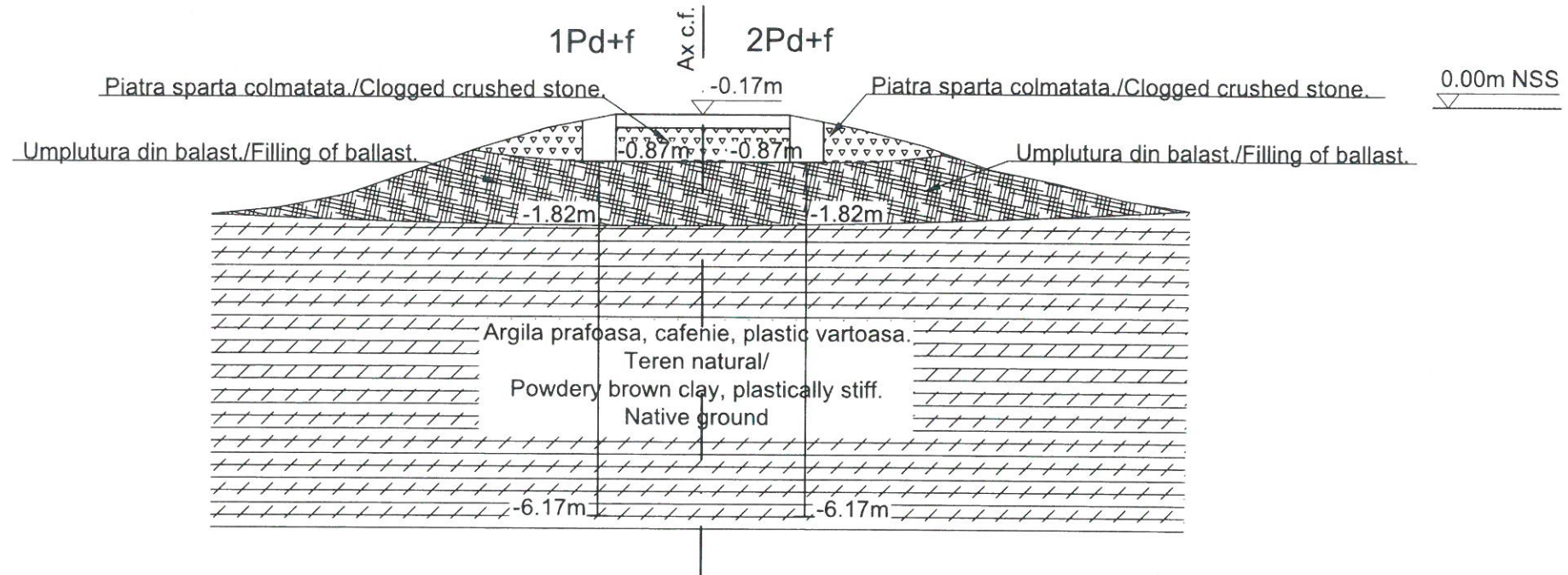


Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

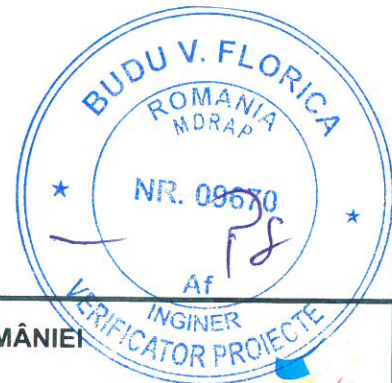


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 61+300</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 31 Ts06 01 00	

km 61+600

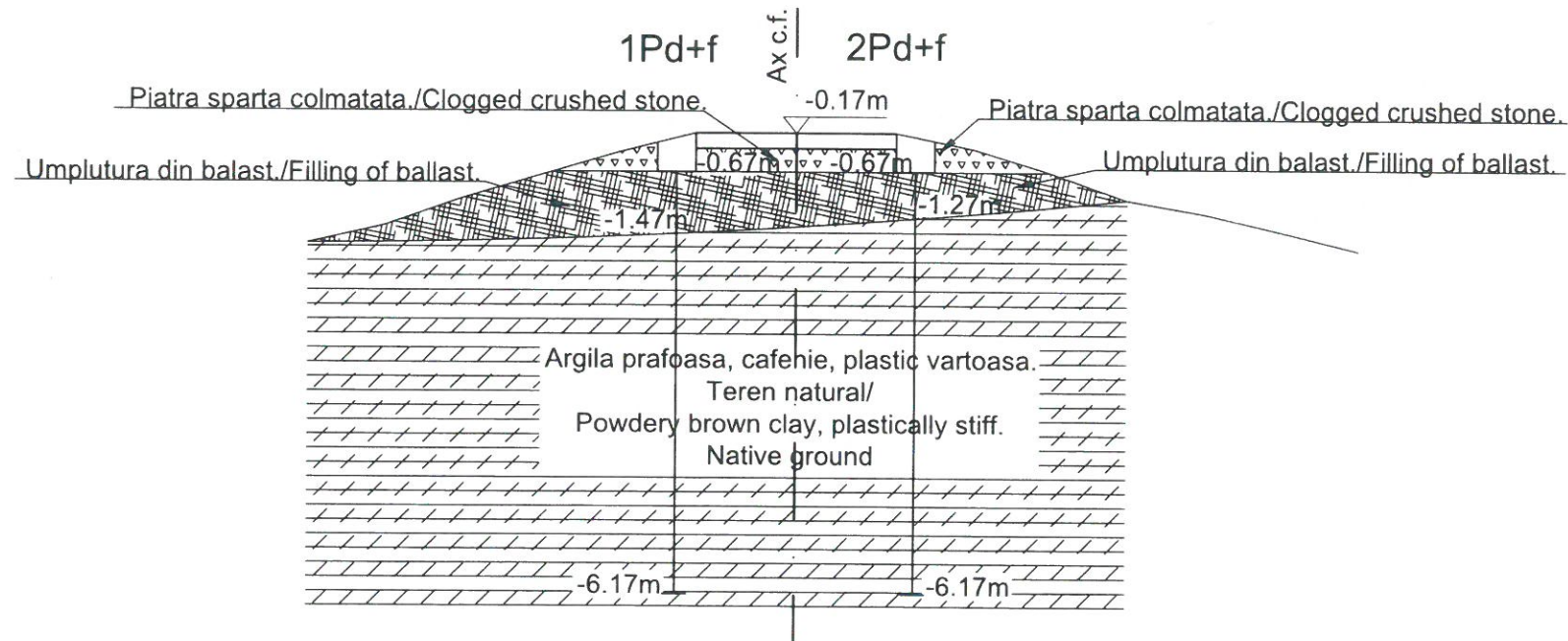


Distante	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30
Cote	-1.67	-1.57	-1.37	-1.02	-0.67	-0.37	-0.17	-0.17	-0.17	-0.37	-0.62	-0.97	-1.17	-1.42	-1.57

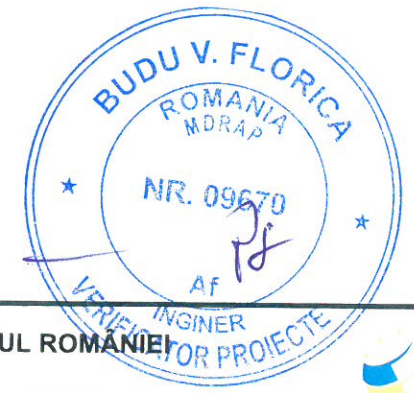


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 61+600</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	EXEMPLAR NR./EXEMPLARY NO.: 1
		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 31 Ts07 01 00	

# km 61+900

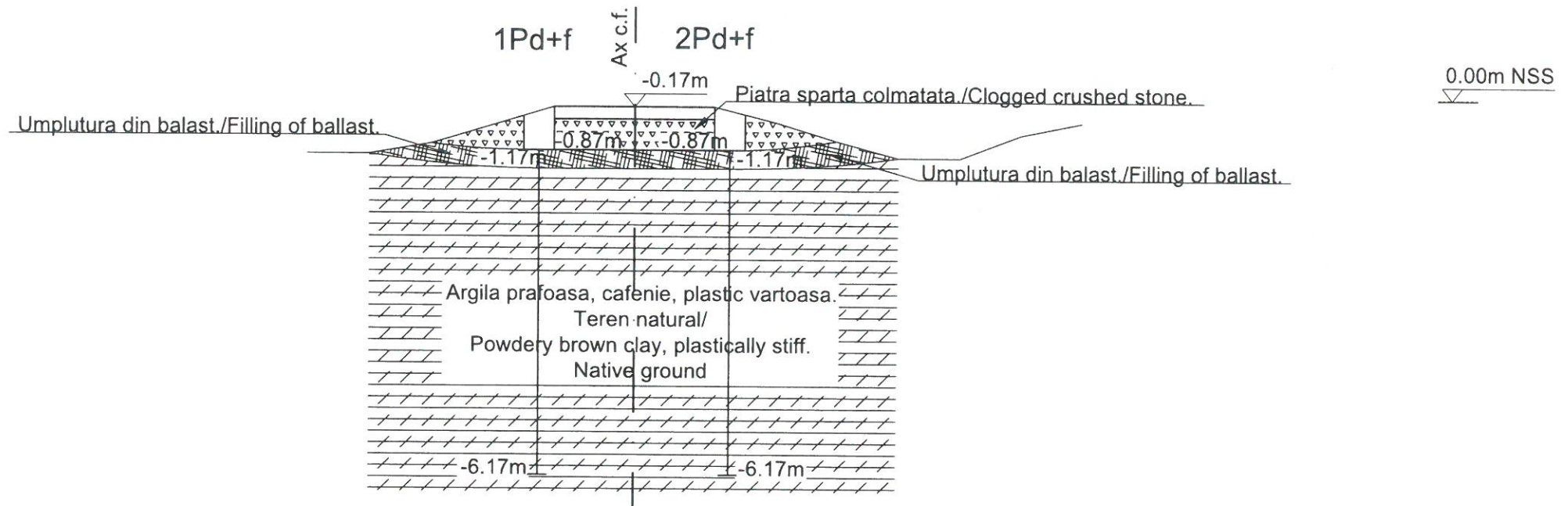


Distante	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30
Cote	-1.60	-1.37	-1.02	-0.72	-0.42	-0.17	-0.17	-0.17	-0.37	-0.67	-1.02	-1.19	-1.42	-1.66

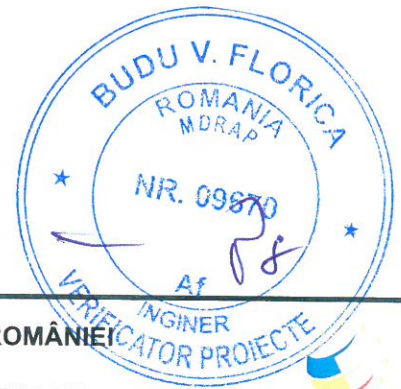


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/Joint Venture: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: <b>Baicons</b>		DENUMIRE PLAN/DRAWING TITLE: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 61+900</b>	
MP/PM: <b>ing. M. Baicu</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 31 Ts08 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	

km 62+300

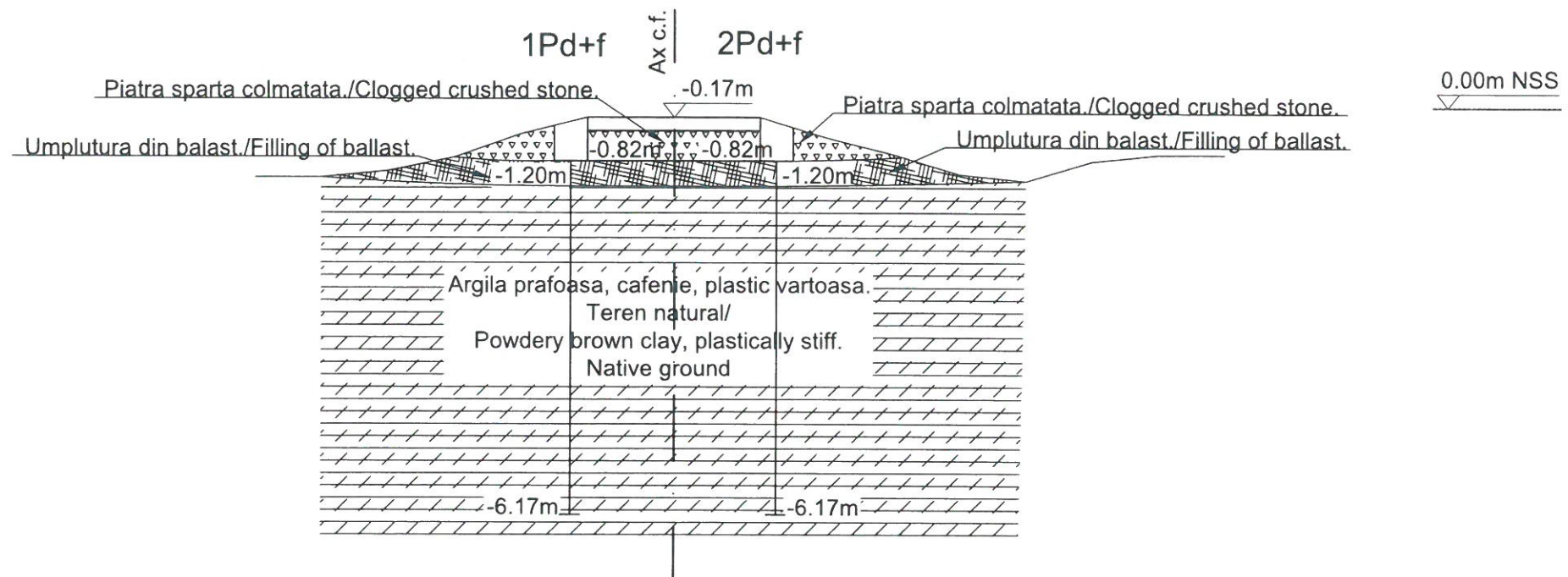


Distante	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	-6.30	-7.30
Cote	-0.94	-0.94	-0.77	-0.47	-0.17	-0.17	-0.17	-0.42	-0.72	-0.99	-0.99	-0.61	-0.41

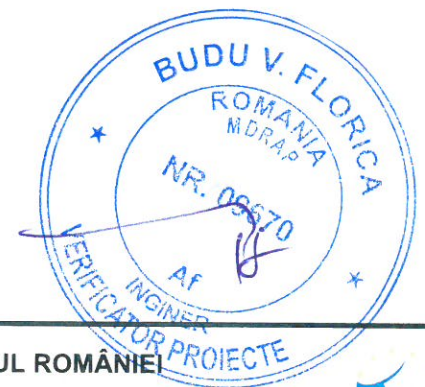


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	ing. C. Grosu		<b>Profil transversal km 62+300</b>
MP/PM: ing. M. Baicu	ing. M. Baicu		
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR. / EXEMPLARY NO.: 1		COD PLAN / CODIFICATION SYSTEM: SG 207 Lot 2 31 Ts09 01 00	

km 62+600

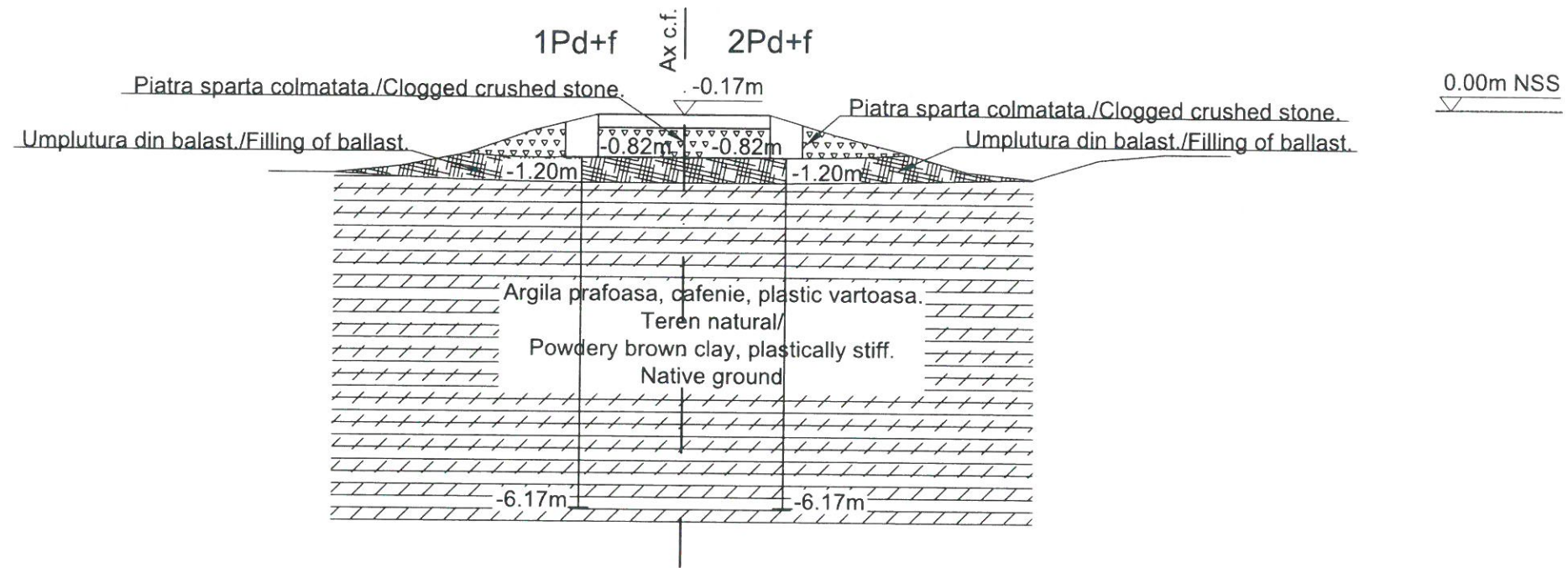


Distante	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30
Cote	-1.07	-1.07	-0.97	-0.77	-0.42	-0.17	-0.17	-0.17	-0.47	-0.72	-1.02	-1.12	-0.82	-0.72	-0.72

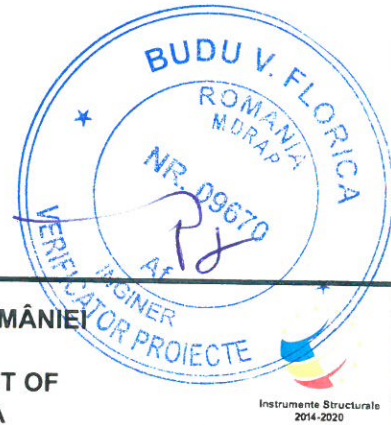


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: <b>Baicons</b>		SEMNATURA/SIGNATURE:	
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 62+600</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>		COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 31 Ts10 01 00</b>	

km 62+900

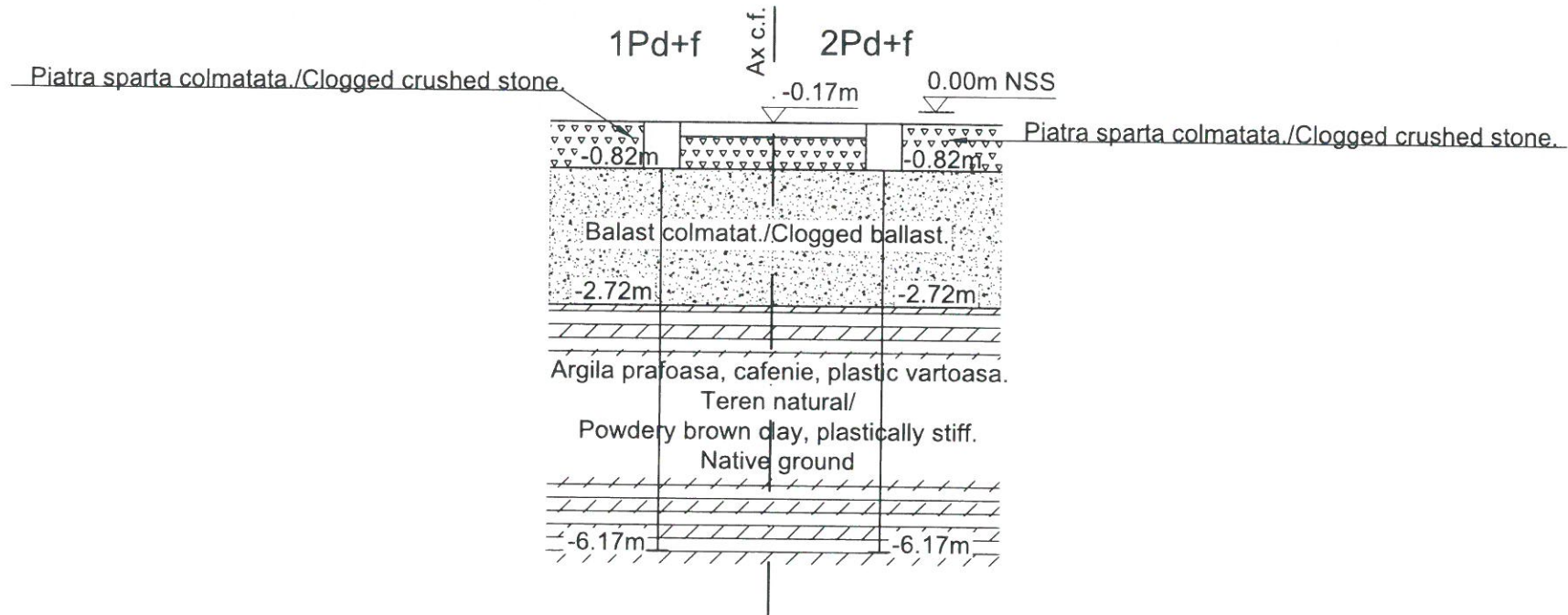


Distante	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30
Cote	-1.07	-1.07	-0.97	-0.77	-0.42	-0.17	-0.17	-0.17	-0.47	-0.72	-1.02	-1.12	-0.82	-0.72	-0.72

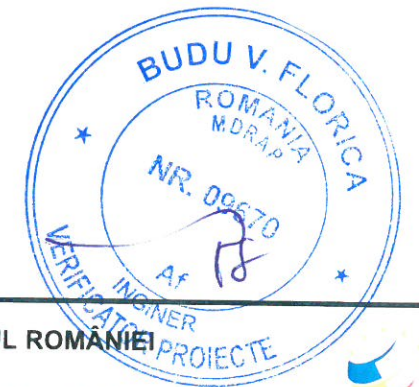


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
<b>PROIECTANT/ DESIGNER:</b> ASOCIEREA/ JOINT VENTURE:  & 		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
<b>PROIECTANT/ DESIGNER:</b> Baicons		<b>STUDIU GEOTEHNIC</b> Terasamente	
<b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu		<b>PROFIL transversal km 62+900</b>	
<b>MP/PM:</b> ing. M. Baicu		<b>SCARA/SCALE:</b> 1:100	
<b>DATA/DATE:</b> 03.2018		<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1	
<b>SCARA/SCALE:</b> 1:100		<b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 31 Ts11 01 00	

km 63+300



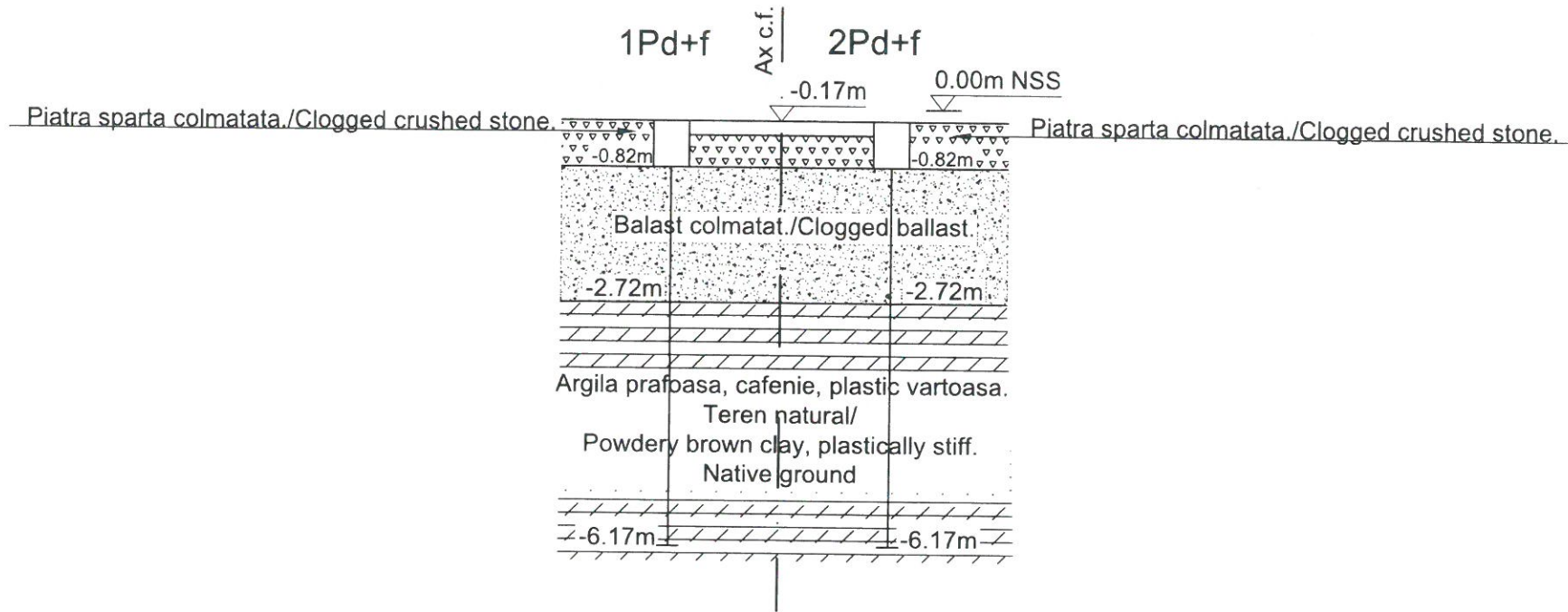
Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17



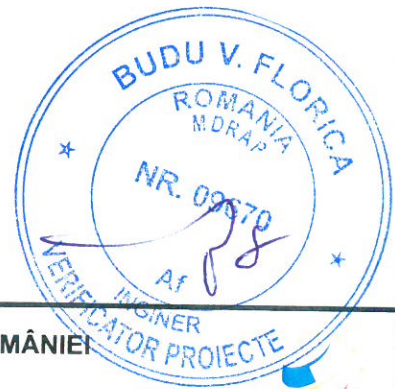
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY: <b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY			
PROIECTANT/ DESIGNER:  & ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: <b>Baicons</b>		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 63+300</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 31 Ts12 01 00</b>	



km 63+600

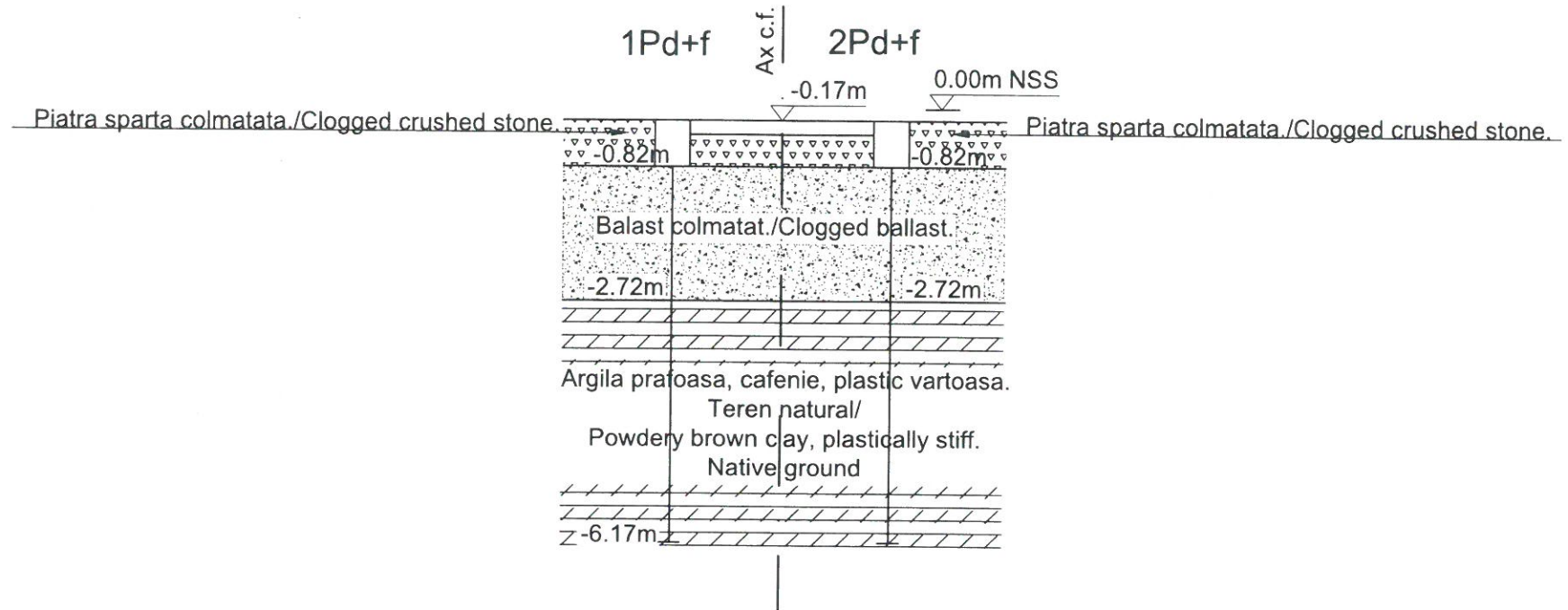


Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

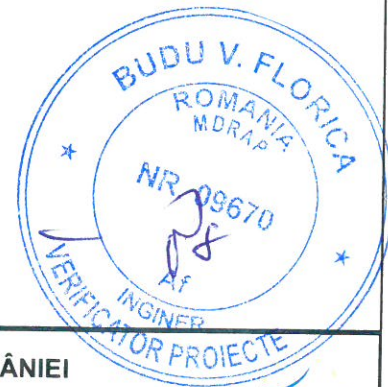


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY: <b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY		Instrumente Structurale 2014-2020	
PROIECTANT/ DESIGNER:  & <b>acciona</b> Ingerieria ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: <b>Baicons</b>		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 63+600</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 31 Ts13 01 00</b>	

km 63+900

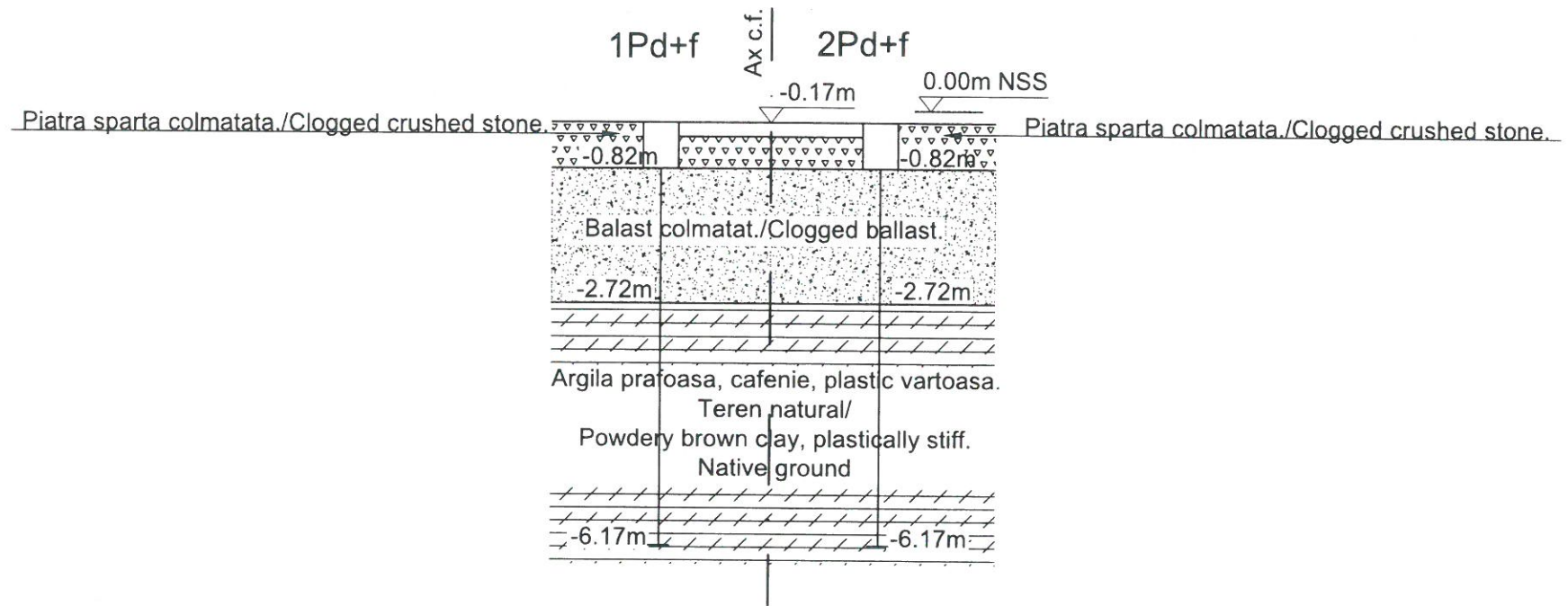


Distante	-1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

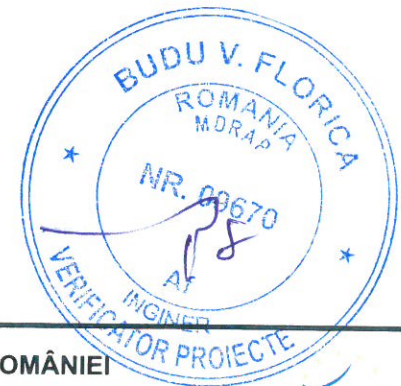


PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT		GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS		STUDIU GEOTEHNIC Terasamente	
PROIECTANT/ DESIGNER: Baicons	SEMNATURA/ SIGNATURE:	SPECIALITATE/ SPECIALITY:	COD PLAN/ CODIFICATION SYSTEM:
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu	SEMNATURA/ SIGNATURE:	DENUMIRE PLAN/ DRAWING TITLE:	
MP/PM: ing. M. Baicu	SEMNATURA/ SIGNATURE:	DENUMIRE PLAN/ DRAWING TITLE:	
DATA/DATE: 03.2018	SCARA/SCALE: 1:100	EXEMPLAR NR./ EXEMPLARY NO.: 1	SG 207 Lot 2 31 Ts14 01 00

km 64+300

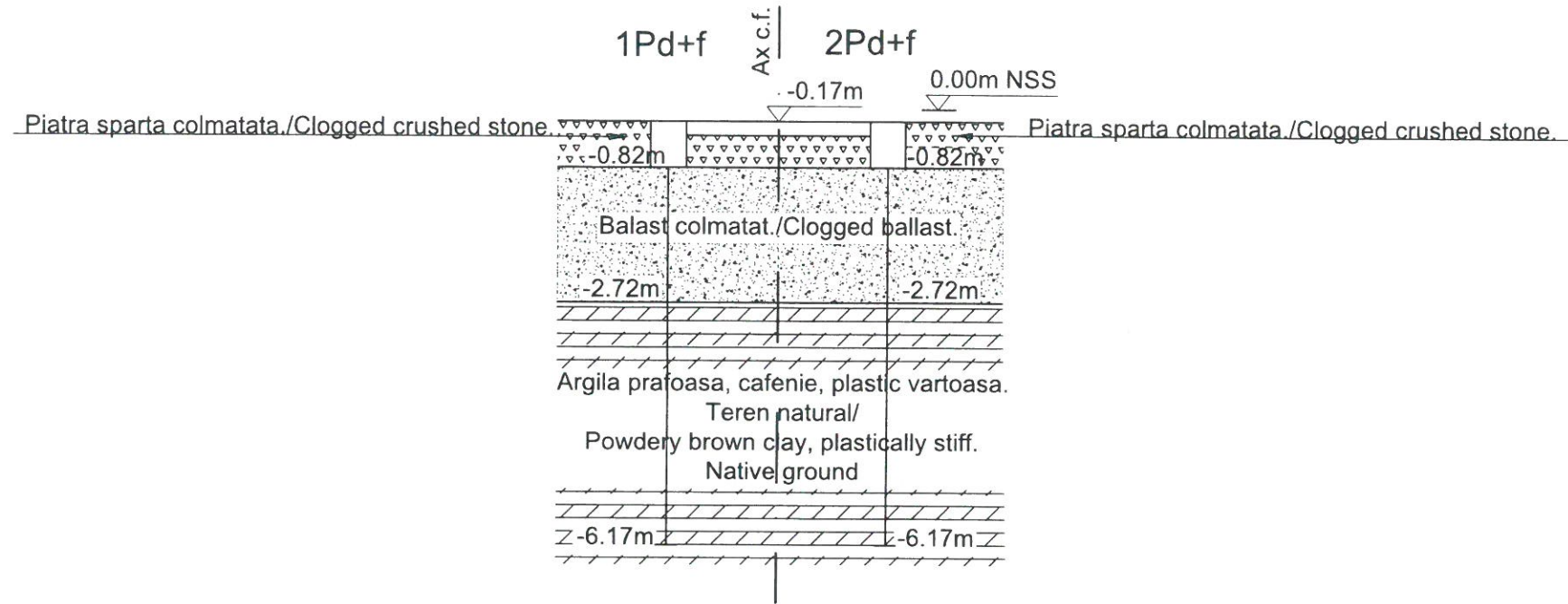


Distante	1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

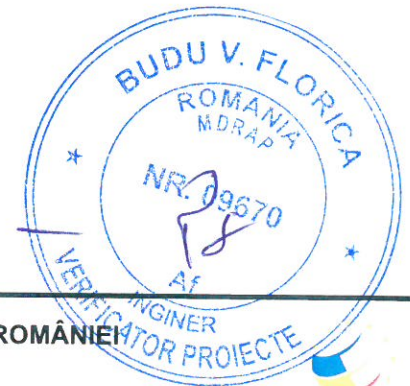


 <b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		 <b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY: 		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
 & 		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: <b>Baicons</b>		SEMNATURA/ SIGNATURE: 	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 64+300</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 33 Ts01 01 00</b>	

km 64+600

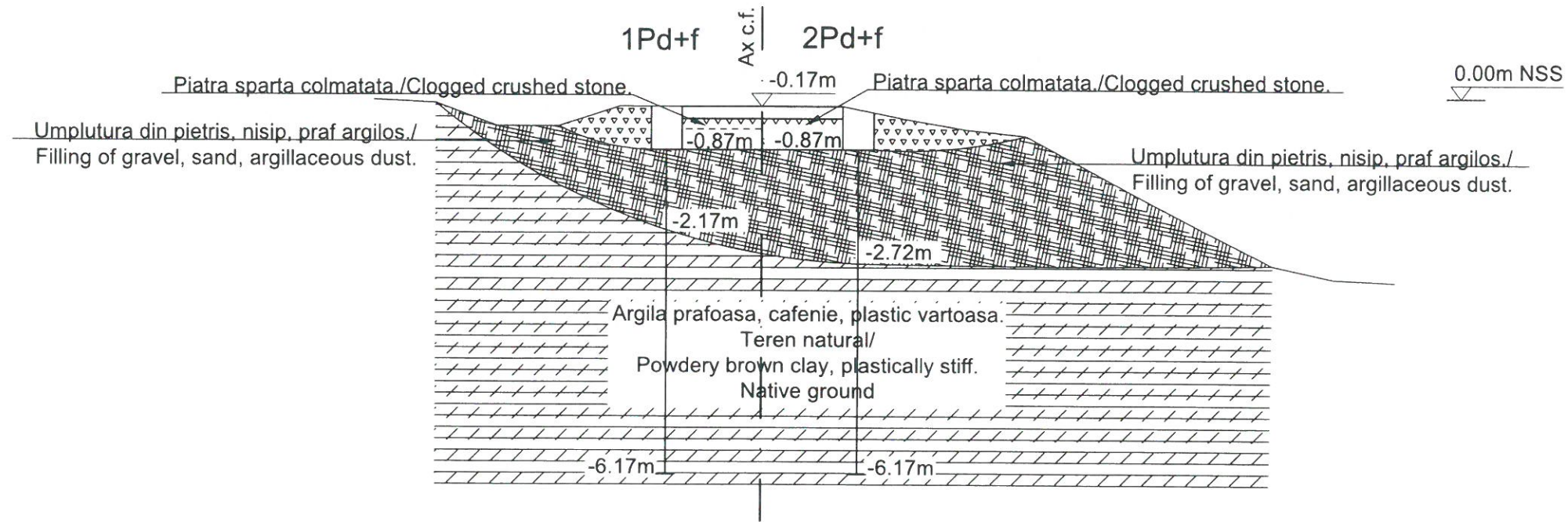


Distante	-1.30	0.00	1.30
Cote	-0.17	-0.17	-0.17

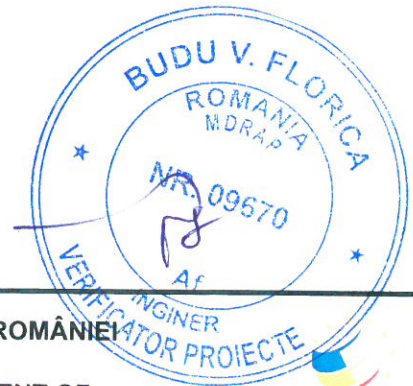


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:  & ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
PROIECTANT/ DESIGNER: <b>Baicons</b>		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: <b>ing. C. Grosu</b>		SPECIALITATE/ SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
MP/PM: <b>ing. M. Baicu</b>		DENUMIRE PLAN/ DRAWING TITLE: <b>Profil transversal km 64+600</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		COD PLAN/ CODIFICATION SYSTEM: <b>SG 207 Lot 2 33 Ts02 01 00</b>	

# km 64+900

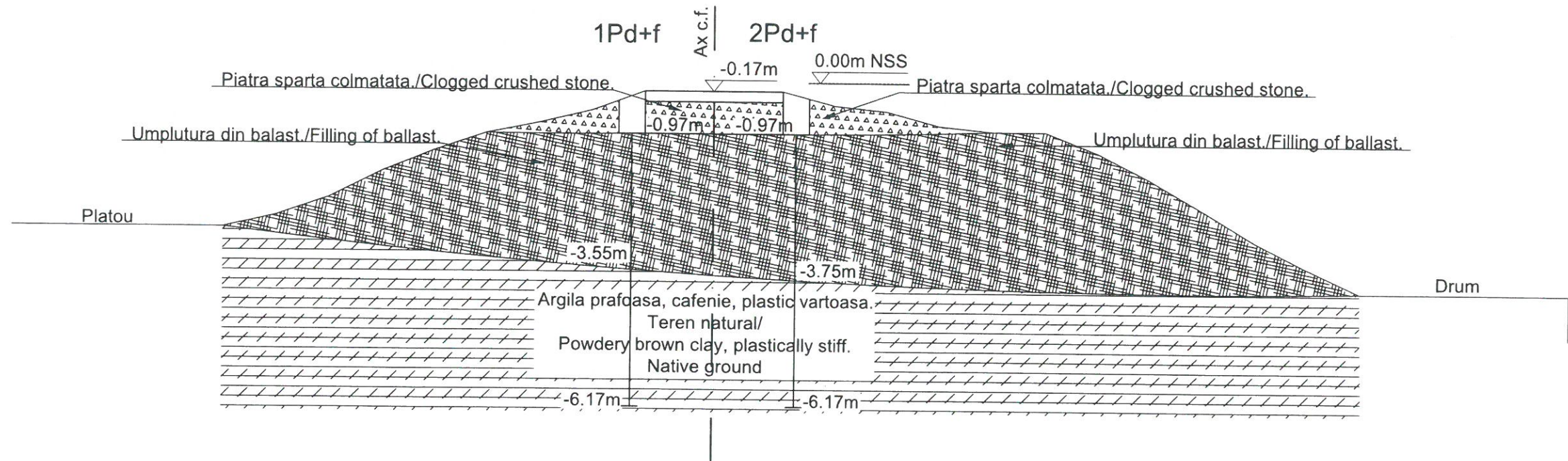


Distante	-6.30	-5.30	-4.30	-3.30	-2.30	-1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30
Cote	-0.07	-0.12	-0.49	-0.49	-0.17	-0.17	-0.17	-0.17	-0.37	-0.54	-0.64	-1.17	-1.71	-2.23	-2.73	-2.95	-3.00

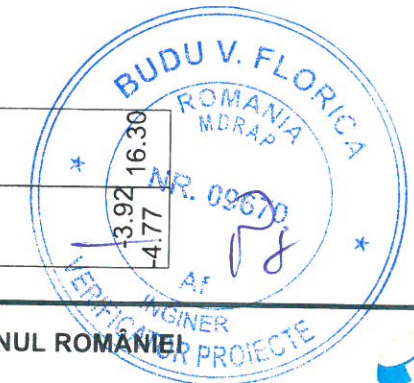


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR / BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT / DESIGNER:  &		DENUMIRE PROIECT / DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIERIA / JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT / GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		PROJECT TITLE / WORKS TITLE:	
PROIECTANT / DESIGNER: Baicons	NUME / NAME: Baicons	SEMNATURA / SIGNATURE:	SPECIALITATE / SPECIALITY:
EXPERT CHEIE / KEY EXPERT: ing. C. Grosu	ing. C. Grosu		DENUMIRE PLAN / DRAWING TITLE:
MP/PM: ing. M. Baicu	ing. M. Baicu		<b>STUDIU GEOTEHNIC</b> Terasamente
DATA / DATE: 03.2018	SCARA / SCALE: 1:100	EXEMPLAR NR. / EXEMPLARY NO.: 1	COD PLAN / CODIFICATION SYSTEM: SG 207 Lot 2 33 Ts03 01 00

# km 65+300 - spre frontiera

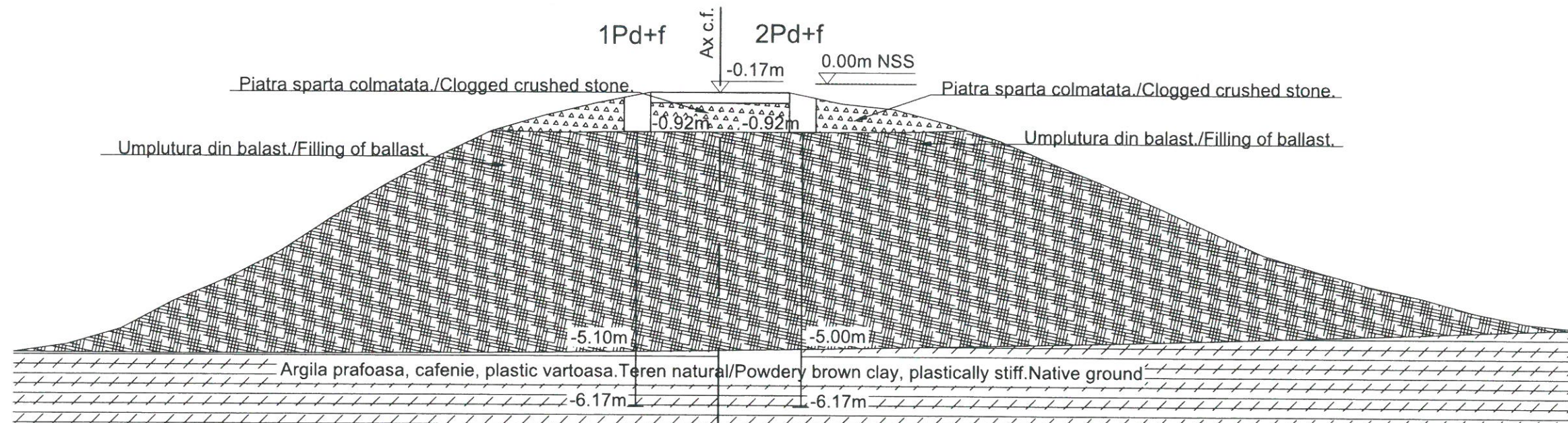


Distante	22.30	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30	11.30	12.30
Cote	-2.78	-2.78	-2.55	-2.21	-1.71	-1.31	-0.97	-0.77	-0.53	-0.17	-0.17	-0.17	-0.43	-0.53	-0.80	-0.90	-0.90	-1.29	-1.79	-2.36	-2.96	-3.46	-3.92

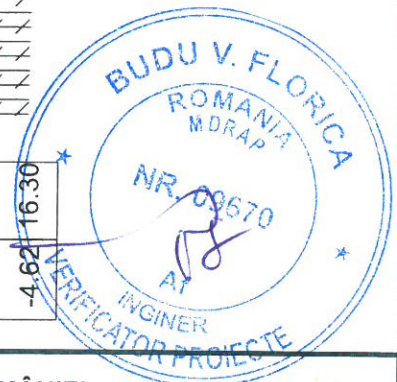


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	
&		"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER:	NUME/NAME: Baicons	SEMNATURA/ SIGNATURE:	SPECIALITATE/ SPECIALITY:
EXPERT CHEIE/ KEY EXPERT:	ing. C. Grosu		<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>
MP/PM:	ing. M. Baicu	DENUMIRE PLAN/ DRAWING TITLE:	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	EXEMPLAR NR./ EXEMPLARY NO.: 1
COD PLAN/ CODIFICATION SYSTEM:		SG 207 Lot 2 33 Ts04 01 00	

## km 65+600 - spre frontiera

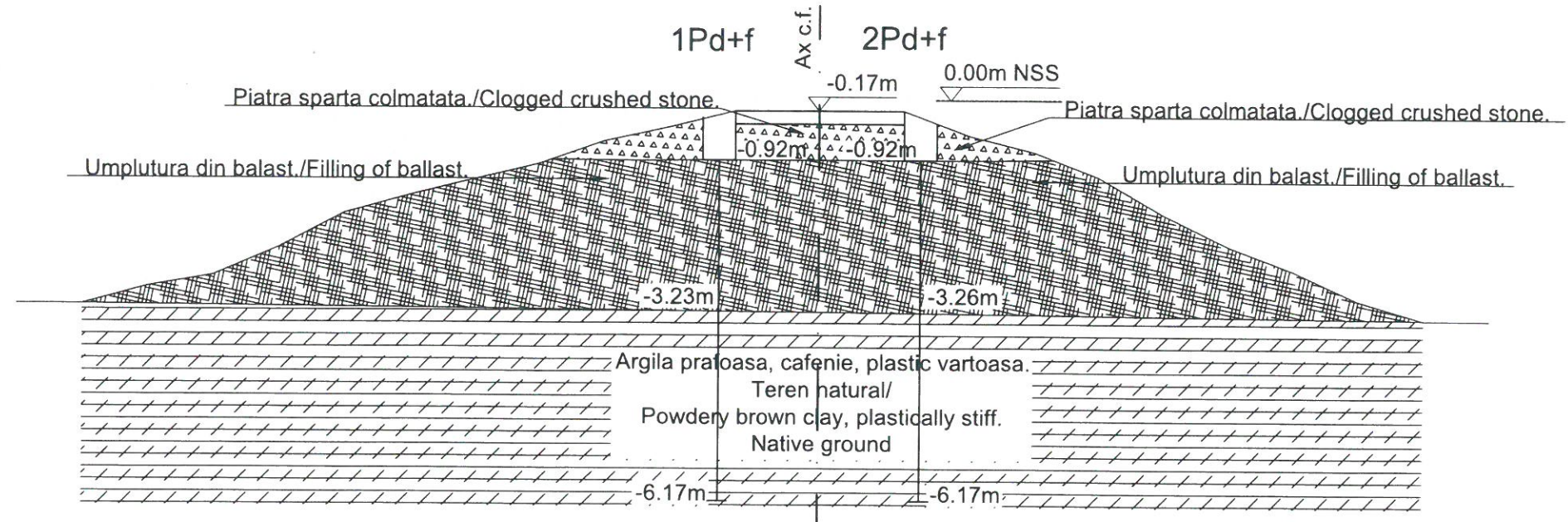


Distante	14.30	13.30	11.30	10.30	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30	11.30	12.30	13.30	14.30	15.30	16.30
Cote	-5.16	-5.01	-4.71	-4.18	-3.75	-3.23	-2.56	-1.94	-1.39	-0.91	-0.61	-0.37	-0.17	-0.17	-0.17	-0.38	-0.48	-0.75	-1.07	-1.50	-1.90	-2.33	-2.78	-3.23	-3.53	-3.81	-4.04	-4.32	-4.52	-4.62

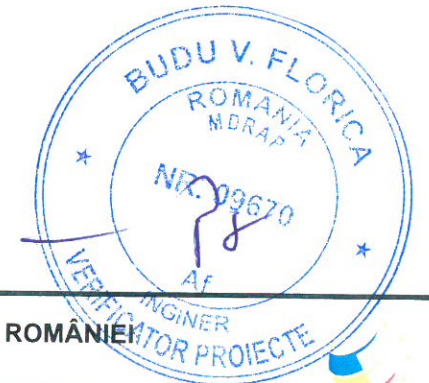


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR</b> BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER: ASOCIEREA/JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: PROJECT TITLE/WORKS TITLE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
PROIECTANT/DESIGNER: <b>Bacons</b>	SEMNATURA/SIGNATURE: 	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC</b> <b>Terasamente</b>	<b>Profil transversal km 65+600</b>
EXPERT CHEIE/KEY EXPERT: <b>ing. C. Grosu</b>	SEMNATURA/SIGNATURE: 	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 65+600</b>	
MP/PM: <b>ing. M. Baicu</b>	SEMNATURA/SIGNATURE: 	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 33 Ts05 01 00</b>	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>

# km 65+900 - spre frontiera



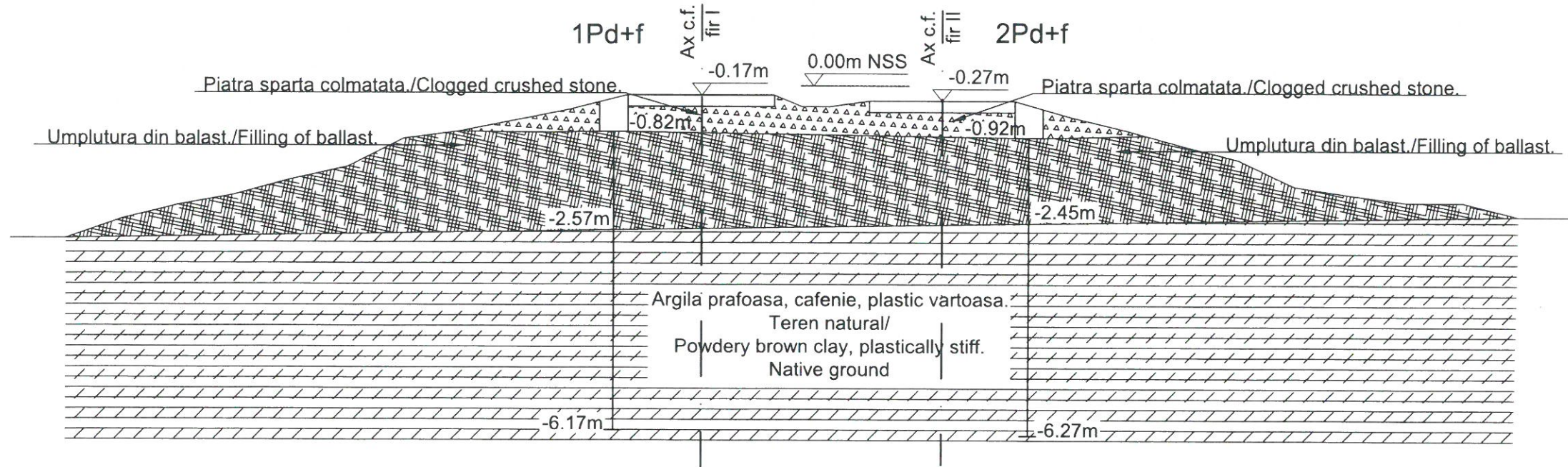
Distante	12.30	11.30	10.30	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.30	3.30	4.30	5.30	6.30	7.30	8.30	9.30	10.30
Cote	-3.15	-3.15	-2.88	-2.71	-2.28	-1.75	-1.48	-1.23	-0.99	-0.64	-0.42	-0.17	-0.17	-0.17	-0.54	-0.79	-1.17	-1.74	-2.22	-2.59	-3.04	-3.34	-3.34



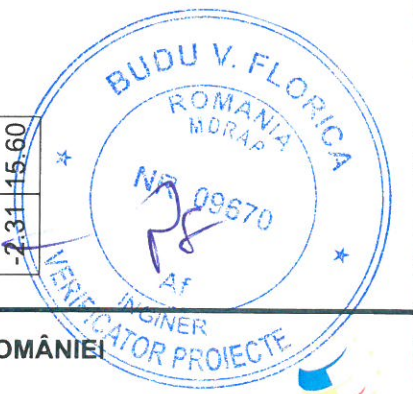
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  &		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: Baicons	NUME/NAME: Baicons	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: STUDIU GEOTEHNIC Terasamente
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	NUME/NAME: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: Profil transversal km 65+900
MP/PM: ing. M. Baicu	NUME/NAME: ing. M. Baicu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: Profil transversal km 65+900
DATA/DATE: 03.2018	SCARA/SCALE: 1:400	EXEMPLAR NR./EXEMPLARY NO.: 1	COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 33 Ts06 01 00



# km 65+300 - spre gara Giurgiu Oras

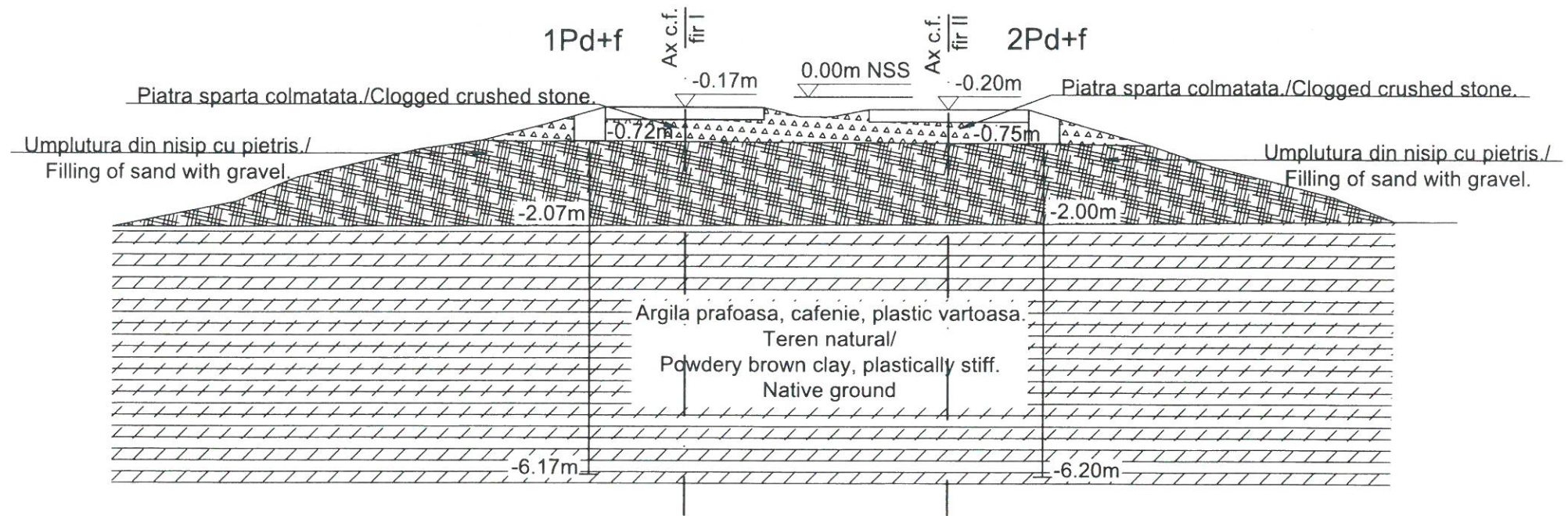


Distante	12.30	11.30	10.30	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	1.80	2.30	3.00	4.30	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60	13.60	14.60	15.60
Cote	-2.73	-2.73	-2.38	-2.13	-1.95	-1.68	-1.45	-0.95	-0.82	-0.62	-0.42	-0.17	-0.17	-0.17	-0.37	-0.37	-0.27	-0.27	-0.27	-0.55	-0.79	-1.06	-1.31	-1.78	-1.93	-2.06	-2.06	-2.31	-2.31

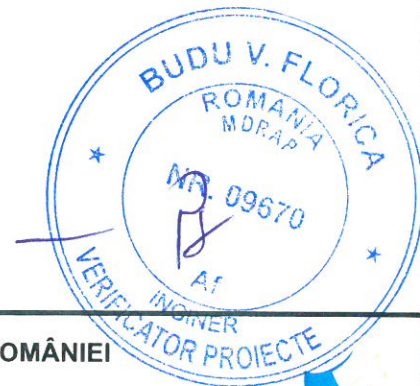


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:  & ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/DESIGNER: Baicons EXPERT CHEIE/KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu		DENUMIRE PLAN/DRAWING TITLE: <b>STUDIU GEOTEHNIC Terasamente</b> <b>Profil transversal km 65+300</b>	
DATA/DATE: 03.2018		SCARA/SCALE: 1:100	
EXEMPLAR NR./EXEMPLARY NO.: 1		COD PLAN/CODIFICATION SYSTEM: SG 207 Lot 2 33 Ts07 01 00	

## km 65+600 - spre gara Giurgiu Oras

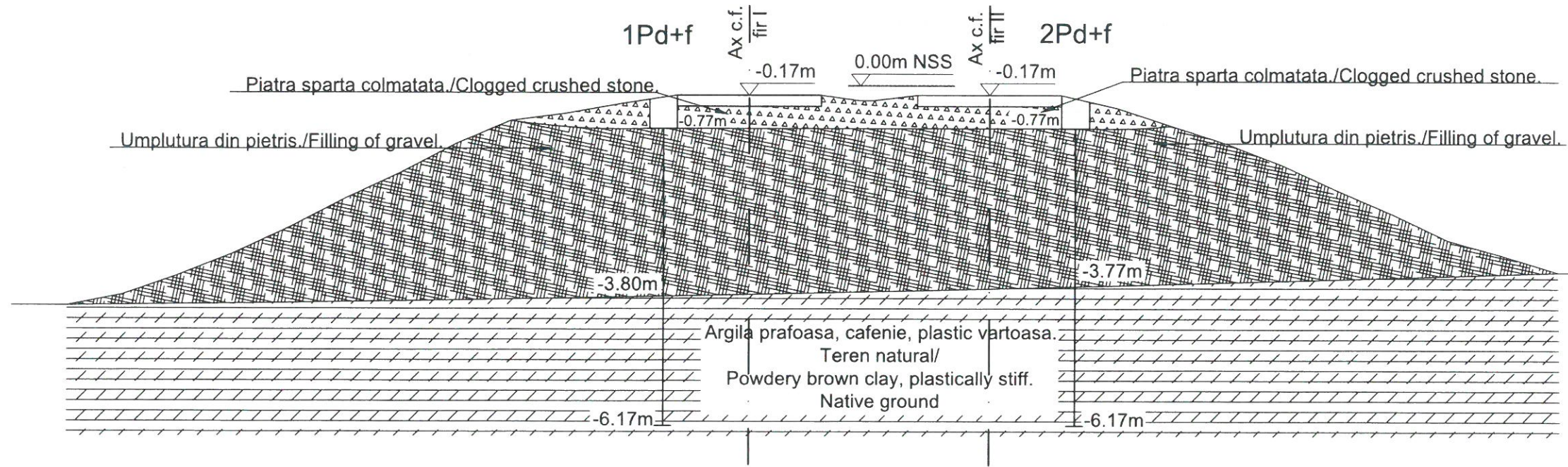


Distante	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	1.90	2.40	3.00	4.30	5.60	6.60	7.60	8.60	9.60	10.60	11.60	12.60
Cote	-2.11	-1.91	-1.71	-1.31	-0.85	-0.85	-0.71	-0.46	-0.17	-0.17	-0.17	-0.32	-0.32	-0.20	-0.20	-0.20	-0.50	-0.78	-1.11	-1.36	-1.61	-2.01	-2.01

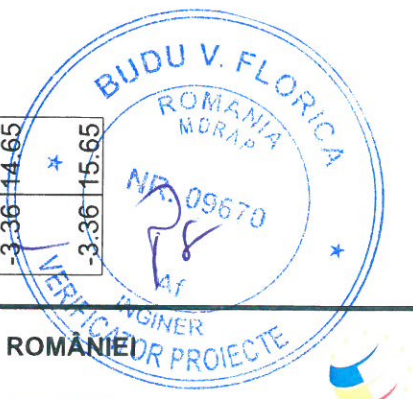


 UNIUNEA EUROPEANĂ	<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT</b>	 ROMANIA	<b>GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA</b>
 BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY</b>	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR:		 &  J40/9877/2001      J40/20534/2004 J40/12943/1994	DENUMIRE PROIECT/ DENUMIRE LUCRARE:  PROJECT TITLE/ WORKS TITLE:
PROIECTANT/ DESIGNER: <b>Baicons</b>		DENUMIRE PLAN/ DRAWING TITLE:  <b>Profil transversal km 65+600</b>	
EXPERT CHEIE/ KEY EXPERT:  MP/PM:		SPECIALITATE/ SPECIALITY:  DENUMIRE PLAN/ DRAWING TITLE:  COD PLAN/ CODIFICATION SYSTEM:	
DATA/DATE: <b>03.2018</b>		SCARA/SCALE: <b>1:100</b>	
EXEMPLAR NR./ EXEMPLARY NO.: <b>1</b>		SG 207 Lot 2 33 Ts08 01 00	

## km 65+900 - spre gara Giurgiu Oras



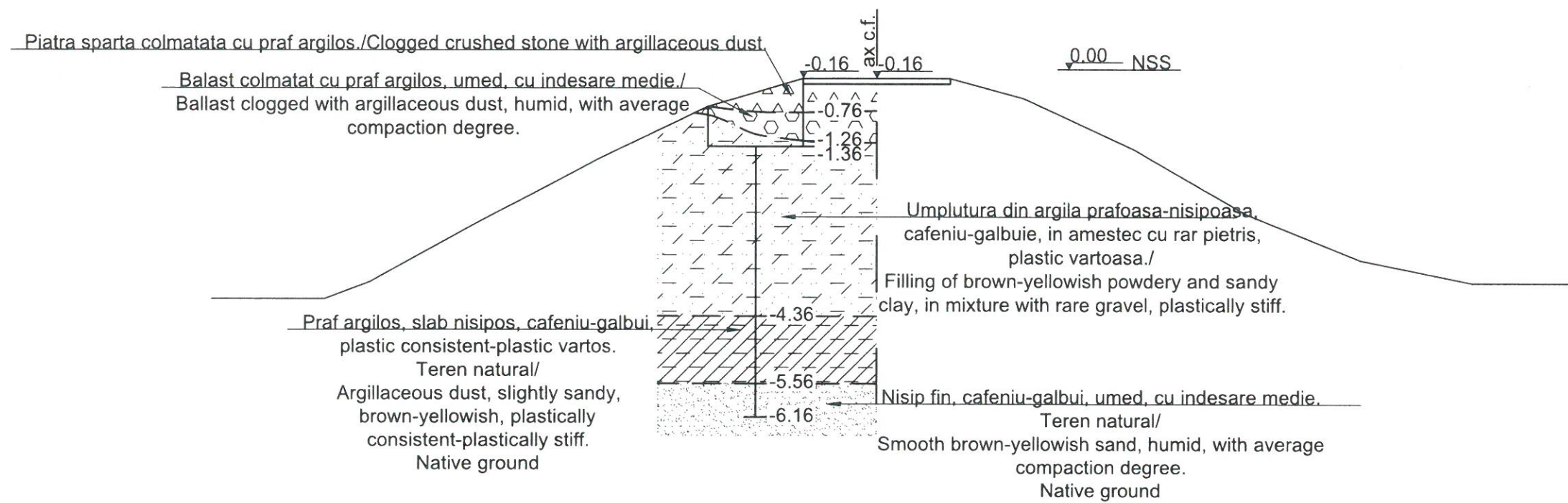
Distante	13.30	12.30	11.30	10.30	9.30	8.30	7.30	6.30	5.30	4.30	3.30	2.30	1.30	0.00	1.30	2.00	2.25	3.05	4.35	5.65	6.65	7.65	8.65	9.65	10.65	11.65	12.65	13.65	14.65	15.65
Cote	-2.11	-2.11	-2.11	-2.11	-2.11	-1.91	-1.71	-1.31	-0.85	-0.85	-0.71	-0.46	-0.17	-0.17	-0.17	-0.27	-0.27	-0.17	-0.17	-0.17	-0.40	-0.72	-1.04	-1.42	-1.88	-2.31	-2.78	-3.06	-3.36	-3.36



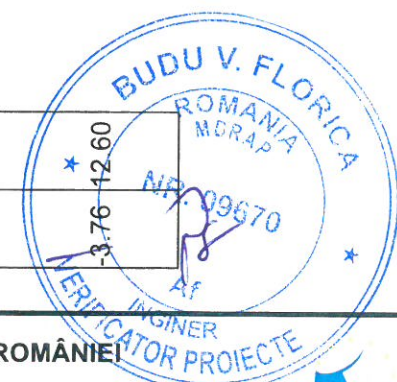
 UNIUNEA EUROPEANĂ	<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT</b>	 GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA	 COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY
PROIECTANT/ DESIGNER:  &  ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J40/12943/1994		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
PROIECTANT/ DESIGNER: Baicons EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu MP/PM: ing. M. Baicu	SEMNATURA/ SIGNATURE:  SPECIALITATE/ SPECIALITY:	<b>STUDIU GEOTEHNIC Terasamente</b>	
DATA/DATE: 03.2018 SCARA/SCALE: 1:100		DENUMIRE PLAN/ DRAWING TITLE: Profil transversal km 65+900 EXEMPLAR NR./ EXEMPLARY NO.: 1	COD PLAN/ CODIFICATION SYSTEM: SG 207 Lot 2 33 Ts09 01 00

# km 66+345

108Pd+f



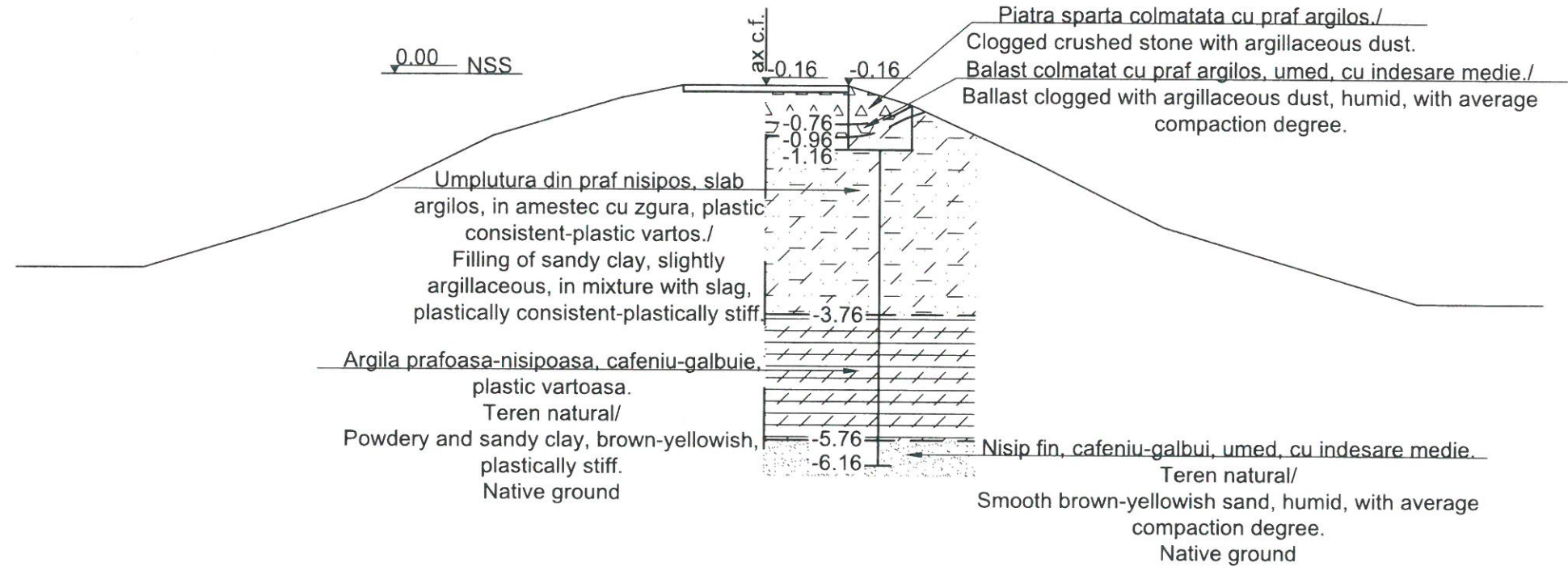
Teren	Distante	-11.80	-9.80	-9.00	-7.00	-5.00	-3.00	-1.30	0.00	1.30	2.60	4.60	6.60	8.60	10.60
	Cote	-1.06	-1.06	-3.76	-2.66	-1.61	-0.66	-0.16	-0.16	-0.16	-0.51	-1.41	-2.56	-3.36	-3.76



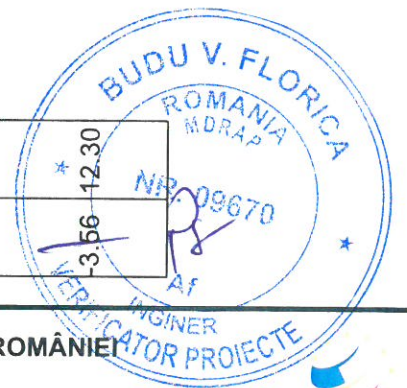
<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>BENEFICIAR BENEFICIARY:</b> <b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
<b>PROIECTANT/ DESIGNER:</b> <b>B</b> & <b>acciona</b> ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI/40/12943/1994		<b>DENUMIRE PROIECT/ DENUMIRE LUCRARE:</b> "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" <b>Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA</b> "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" <b>Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS</b>	
<b>PROIECTANT/ DESIGNER:</b> ing. Gh. Neata <b>EXPERT CHEIE/ KEY EXPERT:</b> ing. C. Grosu <b>MP/PM:</b> ing. M. Baicu		<b>SEMNATURA/ SIGNATURE:</b> <b>SPECIALITATE/ SPECIALITY:</b> <b>STUDIU GEOTEHNIC Terasamente</b> <b>DENUMIRE PLAN/ DRAWING TITLE:</b> <b>Profil transversal km 66+345</b>	
<b>DATA/DATE:</b> 03.2018 <b>SCARA/SCALE:</b> 1:100		<b>EXEMPLAR NR./ EXEMPLARY NO.:</b> 1 <b>COD PLAN/ CODIFICATION SYSTEM:</b> SG 207 Lot 2 33 Ts10 01 00	

km 66+940

109Pd+f

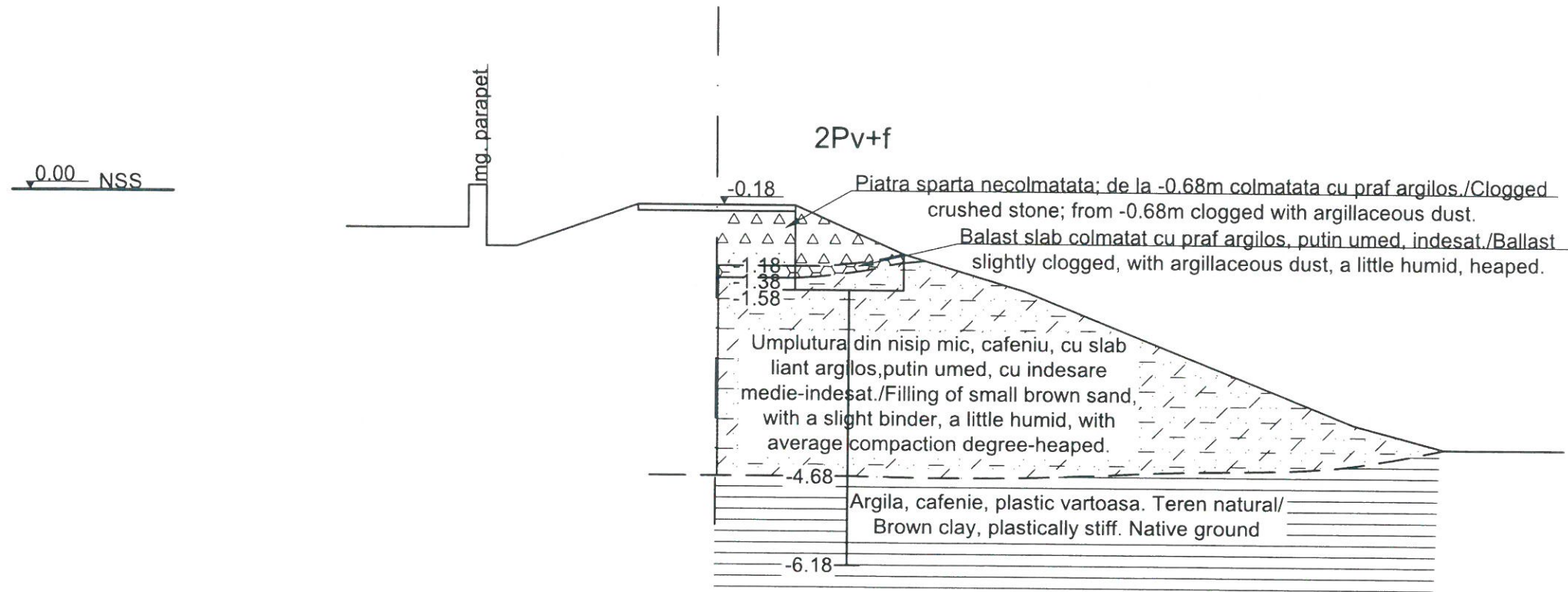


Teren	Distante	-11.80	-9.80	-7.80	-6.30	-4.30	-2.30	-1.30	0.00	1.30	2.30	4.30	6.30	8.30	10.30
	Cote	-3.06	-3.06	-2.46	-1.96	-0.96	-0.36	-0.16	-0.16	-0.16	-0.46	-1.36	-2.36	-2.96	-3.56

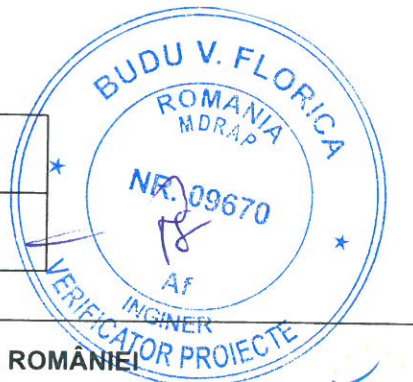


<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER:		DENUMIRE PROIECT/ DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD-GIURGIU NORD-GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU BORDER STATIONS	
ASOCIEREA/ JOINT VENTURE: J40/9877/2001 J40/20534/2004		PROJECT TITLE/ WORKS TITLE:	
SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: J/40/12943/1994		SPECIALITATE/ SPECIALITY:	
PROIECTANT/ DESIGNER: ing. Gh. Neata		SEMNATURA/ SIGNATURE:	
EXPERT CHEIE/ KEY EXPERT: ing. C. Grosu		DENUMIRE PLAN/ DRAWING TITLE:	
MP/PM: ing. M. Baicu		SCARA/SCALE: 1:100	
DATA/DATE: 03.2018		EXEMPLAR NR./ EXEMPLARY NO.: 1	
COD PLAN/ CODIFICATION SYSTEM:		<b>STUDIU GEOTEHNIC</b> <b>Terasamente</b> <b>Profil transversal km 66+940</b>	
		SG 207 Lot 2 33 Ts11 01 00	

km 67+444



Teren	Distante	-6.10	-4.10	-3.80	-3.30	-1.30	0.00	1.30	3.10	5.10	7.10	9.10	10.60	12.10	14.10
	Cote	-0.58	-0.58	-0.12	-0.88	-0.18	-0.18	-0.18	-0.98	-1.58	-2.38	-3.18	-3.78	-4.18	-4.18



<b>PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ</b> EUROPEAN UNION FINANCED PROJECT		<b>GUVERNUL ROMÂNIEI</b> GOVERNMENT OF ROMANIA	
BENEFICIAR/BENEFICIARY:		<b>COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.</b> ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/DESIGNER:		DENUMIRE PROIECT/DENUMIRE LUCRARE: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCUREȘTI NORD - GIURGIU NORD - GIURGIU NORD FRONTIERA "MODERNIZATION OF THE RAILWAY BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" Lot 2 - MODERNIZATION OF THE RAILWAY INFRASTRUCTURE BETWEEN BUCHAREST NORTH GIURGIU NORTH - GIURGIU NORTH BORDER STATIONS	
ASOCIEREA/JOINT VENTURE: J40/9877/2001 & J40/20534/2004 SUBCONTRACTANT/ GEO - SERV SRL SUBCONTRACTOR: JI/40/12943/1994		PROJECT TITLE/WORKS TITLE:	
PROIECTANT/DESIGNER: ing. Gh. Neata	SEMNATURA/SIGNATURE:	SPECIALITATE/SPECIALITY: <b>STUDIU GEOTEHNIC Terasamente</b>	
EXPERT CHEIE/KEY EXPERT: ing. C. Grosu	SEMNATURA/SIGNATURE:	DENUMIRE PLAN/DRAWING TITLE: <b>Profil transversal km 67+444</b>	
MP/PM: ing. M. Baicu	SEMNATURA/SIGNATURE:	COD PLAN/CODIFICATION SYSTEM: <b>SG 207 Lot 2 35 Ts01 01 00</b>	
DATA/DATE: <b>03.2018</b>	SCARA/SCALE: <b>1:100</b>	EXEMPLAR NR./EXEMPLARY NO.: <b>1</b>	COD PLAN/CODIFICATION SYSTEM: