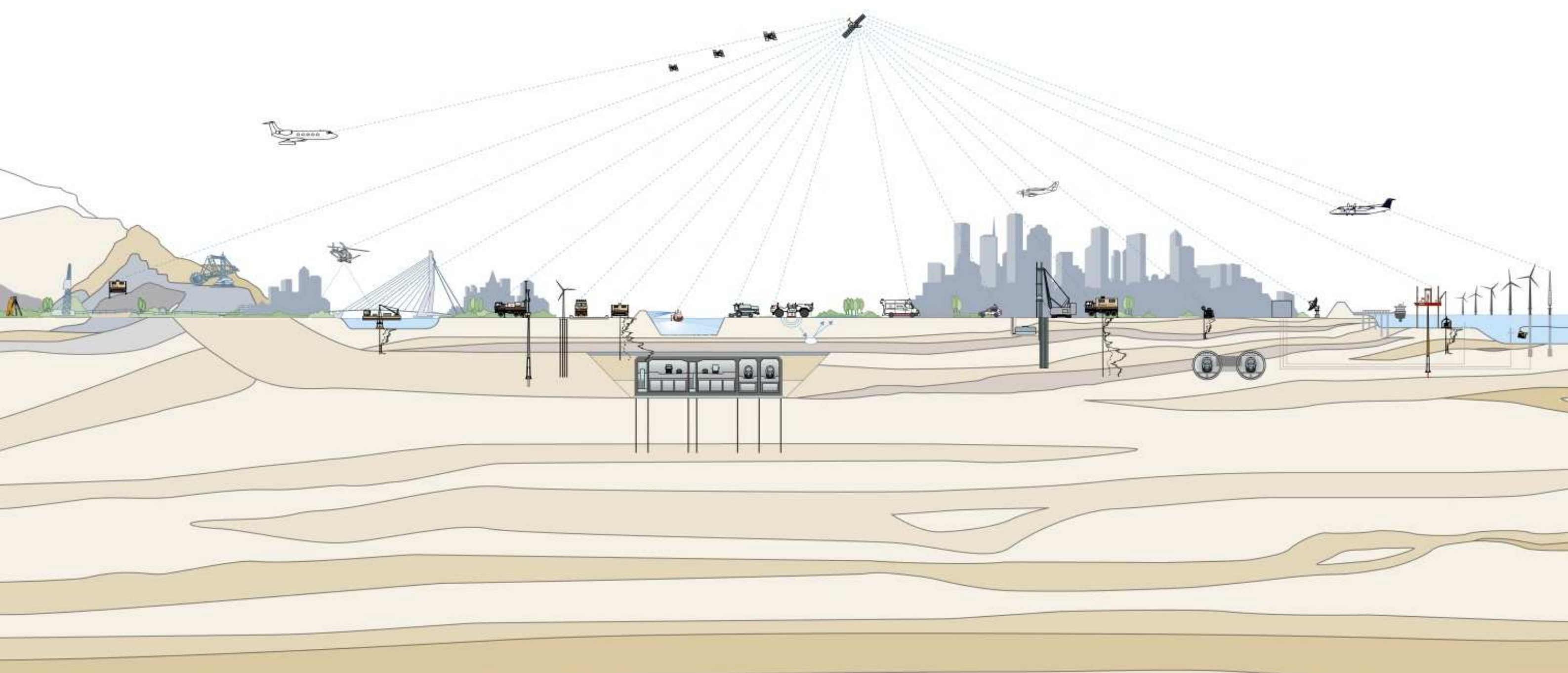
Geotechnical Site Investigation
Project Europoort Rotterdam

Document Nr.: 1018-0481-001
Revision: 2.0
Date: 13 May 2019



Client Van Aken Concepts, Architecture & Engineering b.v.
Bogert 18-20
5612 LZ Eindhoven

Contractor Fugro NL Land B.V.
Veurse Achterweg 10
2264 SG Leidschendam
T 070 31 11333

Project manager [redacted]

Revision control

1.0	First revision	UGU	PVW	FJH	02-05-2019
2.0	CPT080A, CPT080B and ECPT080	LMU	PVW	FJH	13-05-2019
Rev.	**Description**	**Prepared By**	**Checked**	**Approved**	**Date**

INDEX

REPORTING OVERVIEW

Project description: Project Europoort Rotterdam
Project number: 1018-0481-001

Name	RD Coördinates (m)		Elevation (m) to	Groundwater level (m) to	Remarks
	X	Y	NAP	NAP	
CPT001	66201.7	443087.1	+5.64		
CPT002	66219.8	443078.6	+5.60		
CPT003	66237.9	443070.2	+5.04		
CPT004	66256.0	443061.7	+5.03		
CPT005	66274.1	443053.2	+4.92		
CPT006	66292.3	443044.7	+4.95		
CPT007	66310.4	443036.3	+4.99		
CPT008	66328.5	443027.8	+4.99		
CPT009	66346.6	443019.3	+4.99		
CPT010	66364.7	443010.9	+4.98		
CPT011	66382.9	443002.4	+5.02		
CPT012	66401.0	442993.9	+4.80		
CPT013	66419.1	442985.5	+5.09		
CPT014	66193.2	443069.0	+5.64		
CPT015	66211.3	443060.5	+5.43		
CPT016	66229.4	443052.0	+5.92		
CPT017	66247.6	443043.6	+5.01		
CPT018	66265.7	443035.1	+5.00		
CPT019	66283.8	443026.6	+4.94		
CPT020	66301.9	443018.2	+4.94		
CPT021	66320.0	443009.7	+4.99		
CPT022	66338.1	443001.2	+4.99		
CPT023	66356.3	442992.7	+4.97		
CPT024	66374.4	442984.3	+4.89		
CPT025	66392.5	442975.8	+4.75		
CPT026	66410.6	442967.4	+4.77		
CPT027	66184.7	443050.9	+5.58		
CPT028	66202.8	443042.4	+5.91		
CPT029	66221.0	443033.9	+5.72		
CPT030	66239.1	443025.4	+5.01		
CPT031	66257.2	443017.0	+4.99		
CPT032	66275.3	443008.5	+4.92		
CPT033	66293.4	443000.0	+4.90		
CPT034	66311.6	442991.6	+4.94		
CPT035	66329.7	442983.1	+4.94		
CPT036	66347.8	442974.6	+4.94		
CPT037	66365.9	442966.2	+4.99		
CPT038	66384.0	442957.7	+4.76		
CPT039	66402.2	442949.2	+4.65		
CPT040	66176.3	443032.7	+5.71		
CPT041	66194.4	443024.3	+5.76		
CPT042	66212.5	443015.8	+5.91		
CPT043	66230.6	443007.3	+4.98		

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Name	RD Coördinates (m)		Elevation (m) to	Groundwater level (m) to	Remarks
	X	Y	NAP	NAP	
CPT044	66248.7	442998.9	+4.89		
CPT045	66266.9	442990.4	+4.96		
CPT046	66285.0	442981.9	+4.91		
CPT047	66303.1	442973.5	+4.95		
CPT048	66321.2	442965.0	+4.95		
CPT049	66339.3	442956.5	+4.86		
CPT050	66357.4	442948.0	+4.90		
CPT051	66375.6	442939.6	+4.94		
CPT052	66393.7	442931.1	+4.88		
CPT053	66167.8	443014.6	+5.60		
CPT054	66185.9	443006.2	+5.65		
CPT055	66204.0	442997.7	+5.84		
CPT056	66222.2	442989.2	+5.06		
CPT057	66240.3	442980.7	+4.99		
CPT058	66258.4	442972.3	+4.96		
CPT059	66276.5	442963.8	+4.94		
CPT060	66294.6	442955.3	+4.96		
CPT061	66312.7	442946.9	+4.95		
CPT062	66330.9	442938.4	+4.96		
CPT063	66349.0	442929.9	+4.93		
CPT064	66367.1	442921.5	+4.93		
CPT065	66385.2	442913.0	+4.93		
CPT066	66159.3	442996.5	+5.57		
CPT067	66177.4	442988.0	+5.46		
CPT068	66195.6	442979.6	+5.83		
CPT069	66213.7	442971.1	+5.13		
CPT070	66231.8	442962.6	+5.02		
CPT071	66249.9	442954.1	+4.96		
CPT072	66268.0	442945.7	+4.94		
CPT073	66286.2	442937.2	+4.95		
CPT074	66304.3	442928.7	+4.95		
CPT075	66322.4	442920.3	+4.96		
CPT076	66340.5	442911.8	+4.98		
CPT077	66358.6	442903.3	+4.99		
CPT078	66376.7	442894.9	+4.92		
CPT079	66150.9	442978.4	+5.59		
CPT080	66169.0	442969.9	+5.50		
ECPT080	66169.2	442974.9	+5.47		
CPT080A	66169.0	442967.0	+5.46		Terminated, max. slope
CPT080B	66167.2	442966.6	+5.47		
CPT081	66187.1	442961.4	+5.70		
CPT082	66205.2	442953.0	+5.69		
CPT083	66223.3	442944.5	+5.07		

REPORTING OVERVIEW

Project description: Project Europoort Rotterdam
Project number: 1018-0481-001

Name	RD Coördinates (m) X	Y	Elevation (m) to NAP	Groundwater level (m) to NAP	Remarks
CPT084	66241.4	442936.0	+5.02		
CPT085	66259.6	442927.6	+4.94		
CPT086	66277.7	442919.1	+4.89		
CPT087	66295.8	442910.6	+4.97		
CPT088	66313.9	442902.2	+4.98		
CPT089	66332.1	442893.7	+4.94		
CPT090	66350.2	442885.2	+4.96		
CPT091	66368.3	442876.7	+4.99		
CPT092	66142.4	442960.3	+5.59		
CPT093	66160.5	442951.8	+5.60		
CPT094	66178.6	442943.3	+5.72		
CPT095	66196.7	442934.9	+5.73		
CPT096	66214.9	442926.4	+5.06		
CPT097	66233.0	442917.9	+5.03		
CPT098	66251.1	442909.5	+4.94		
CPT099	66269.2	442901.0	+4.86		
CPT100	66287.3	442892.5	+4.95		
CPT101	66305.5	442884.1	+4.89		
CPT102	66323.6	442875.6	+4.87		
CPT103	66341.7	442867.1	+4.98		
CPT104	66359.8	442858.7	+4.98		
CPT105	66133.9	442942.2	+5.63		
CPT106	66152.0	442933.7	+5.63		
CPT107	66170.2	442925.2	+5.80		
CPT108	66188.3	442916.7	+5.67		
CPT109	66206.4	442908.3	+5.02		
CPT110	66224.5	442899.8	+4.99		
CPT111	66242.6	442891.3	+4.98		
CPT112	66260.8	442882.9	+4.93		
CPT113	66278.9	442874.4	+4.94		
CPT114	66297.0	442865.9	+5.01		
CPT115	66315.1	442857.5	+4.89		
CPT116	66333.2	442849.0	+4.88		
CPT117	66351.3	442840.5	+4.93		
CPT118	66125.5	442924.0	+5.61		
CPT119	66143.6	442915.6	+5.56		
CPT120	66161.7	442907.1	+5.66		
CPT121	66179.8	442898.6	+5.75		
CPT122	66197.9	442890.2	+5.78		
CPT123	66216.0	442881.7	+5.07		
CPT124	66234.2	442873.2	+4.98		
CPT125	66252.3	442864.7	+5.00		
CPT126	66270.4	442856.3	+4.95		

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Name	RD Coördinates (m) X	Y	Elevation (m) to NAP	Groundwater level (m) to NAP	Remarks
CPT127	66288.5	442847.8	+4.94		
CPT128	66306.6	442839.3	+4.96		
CPT129	66324.7	442830.9	+5.04		
CPT130	66342.9	442822.4	+4.97		
CPT131	66117.0	442905.9	+5.58		
CPT132	66135.1	442897.4	+5.70		
CPT133	66153.2	442889.0	+5.52		
CPT134	66171.3	442880.5	+5.81		
CPT135	66189.5	442872.0	+5.70		
CPT136	66207.6	442863.6	+5.08		
CPT137	66225.7	442855.1	+5.02		
CPT138	66243.8	442846.6	+4.94		
CPT139	66261.9	442838.1	+4.99		
CPT140	66280.1	442829.7	+4.97		
CPT141	66298.2	442821.2	+4.91		
CPT142	66316.3	442812.7	+5.01		
CPT143	66334.4	442804.3	+5.03		
CPT144	66108.5	442887.8	+5.71		
CPT145	66126.6	442879.3	+5.68		
CPT146	66144.8	442870.8	+5.77		
CPT147	66162.9	442862.4	+5.67		
CPT148	66181.0	442853.9	+5.65		
CPT149	66199.1	442845.5	+5.12		
CPT150	66217.2	442837.0	+5.03		
CPT151	66235.3	442828.5	+5.00		
CPT152	66253.5	442820.0	+5.00		
CPT153	66271.6	442811.6	+4.99		
CPT154	66289.7	442803.1	+5.02		
CPT154A	66288.6	442803.7	+5.02		
CPT155	66307.8	442794.6	+5.02		
CPT156	66325.9	442786.2	+5.02		
CPT157	66100.1	442869.7	+5.58		
CPT158	66118.2	442861.2	+5.59		
CPT159	66136.3	442852.7	+5.82		
CPT160	66154.4	442844.3	+5.55		
CPT161	66172.5	442835.8	+5.69		
CPT162	66190.6	442827.3	+5.33		
CPT163	66208.8	442818.9	+5.05		
CPT164	66226.9	442810.4	+4.94		
CPT165	66245.0	442801.9	+4.91		
CPT166	66263.1	442793.5	+4.89		
CPT167	66281.2	442785.0	+4.95		
CPT168	66299.3	442776.5	+4.98		

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Project number: 1018-0481-001

Name	RD Coördinates (m) X	RD Coördinates (m) Y	Elevation (m) to NAP	Groundwater level (m) to NAP	Remarks
CPT169	66317.5	442768.0	+5.04		
CPT170	66091.6	442851.6	+5.58		
CPT171	66109.7	442843.1	+5.66		
CPT172	66127.8	442834.6	+5.71		
CPT173	66145.9	442826.1	+5.61		
CPT174	66164.1	442817.7	+5.73		
CPT175	66182.2	442809.2	+5.66		
CPT176	66200.3	442800.7	+5.05		
CPT177	66218.4	442792.3	+4.97		
CPT178	66236.5	442783.8	+4.90		
CPT179	66254.6	442775.3	+4.93		
CPT180	66272.8	442766.9	+5.02		
CPT181	66290.9	442758.4	+5.01		
CPT182	66309.0	442749.9	+4.99		
CPT183	66083.1	442833.4	+5.61		
CPT184	66101.2	442825.0	+5.60		
CPT185	66119.3	442816.5	+5.60		
CPT186	66137.5	442808.0	+5.54		
CPT187	66155.6	442799.6	+5.66		
CPT188	66173.7	442791.1	+5.73		
CPT189	66191.8	442782.6	+5.02		
CPT190	66209.9	442774.2	+4.97		
CPT191	66228.1	442765.7	+4.86		
CPT192	66246.2	442757.2	+4.94		
CPT193	66264.3	442748.7	+5.02		
CPT194	66282.4	442740.3	+5.00		
CPT195	66300.5	442731.8	+5.02		
CPT196	66074.6	442815.3	+5.94		
CPT197	66092.8	442806.8	+5.67		
CPT198	66110.9	442798.4	+5.82		
CPT199	66129.0	442789.9	+5.64		
CPT200	66147.1	442781.4	+5.70		
CPT201	66165.2	442773.0	+5.67		
CPT202	66183.4	442764.5	+5.05		
CPT203	66201.5	442756.0	+4.97		
CPT204	66219.6	442747.6	+4.89		
CPT205	66237.7	442739.1	+4.95		
CPT206	66255.8	442730.6	+4.99		
CPT207	66273.9	442722.1	+4.99		
CPT208	66292.1	442713.7	+5.03		
CPT209	66066.2	442797.2	+5.78		
CPT210	66084.3	442788.7	+5.89		
CPT211	66102.4	442780.2	+6.03		

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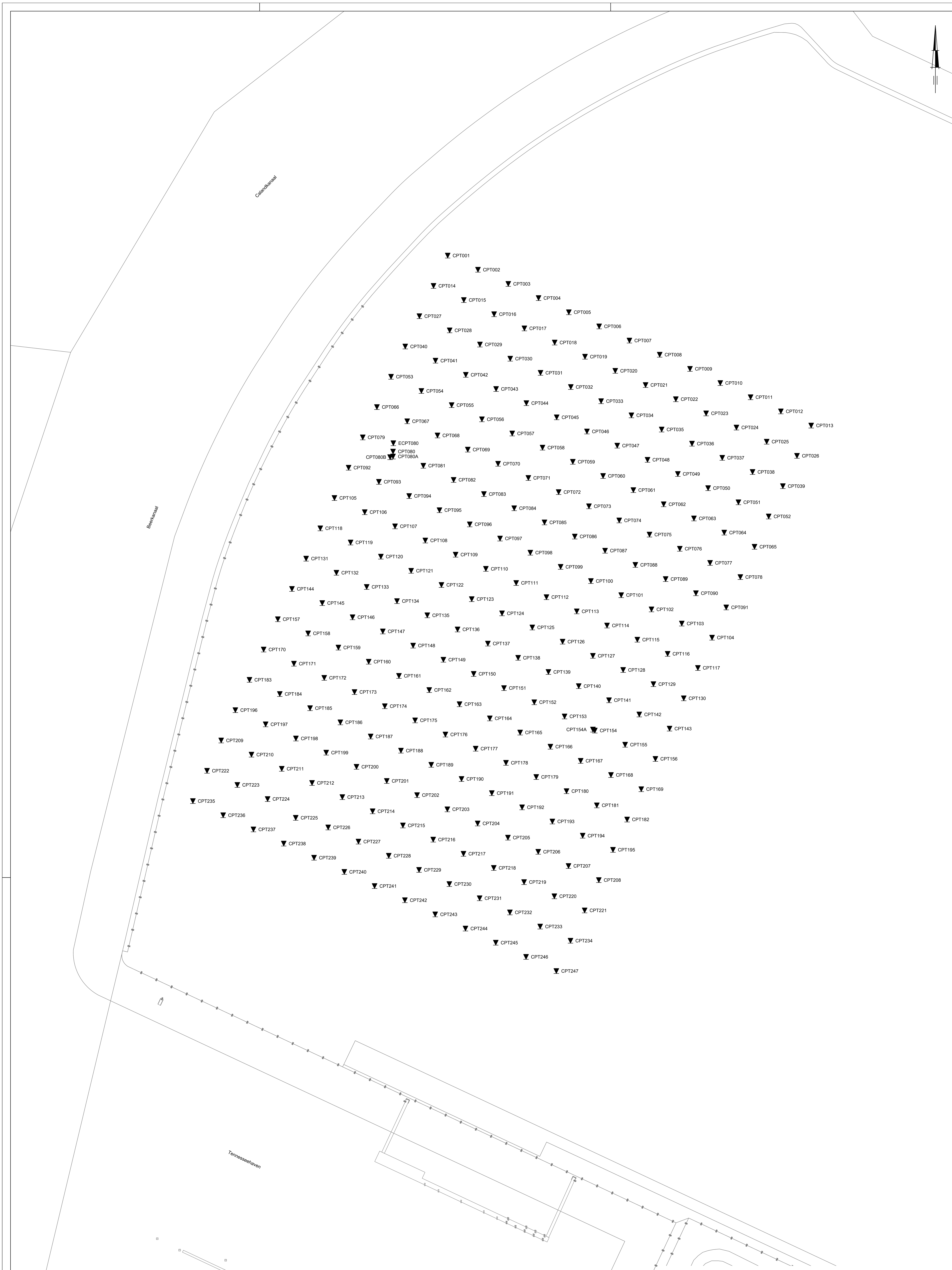
Project number: 1018-0481-001

Name	RD Coördinates (m) X	RD Coördinates (m) Y	Elevation (m) to NAP	Groundwater level (m) to NAP	Remarks
CPT212	66120.5	442771.8	+5.73		
CPT213	66138.6	442763.3	+5.63		
CPT214	66156.8	442754.9	+5.64		
CPT215	66174.9	442746.4	+5.02		
CPT216	66193.0	442737.9	+4.99		
CPT217	66211.1	442729.4	+4.91		
CPT218	66229.2	442721.0	+5.01		
CPT219	66247.4	442712.5	+5.01		
CPT220	66265.5	442704.0	+5.03		
CPT221	66283.6	442695.6	+5.01		
CPT222	66057.7	442779.1	+5.80		
CPT223	66075.8	442770.6	+5.76		
CPT224	66093.9	442762.2	+5.98		
CPT225	66110.8	442750.9	+7.87		
CPT226	66130.2	442745.2	+7.86		
CPT227	66148.3	442736.7	+5.67		
CPT228	66166.4	442728.2	+5.04		
CPT229	66184.5	442719.8	+4.96		
CPT230	66202.7	442711.3	+5.00		
CPT231	66220.8	442702.9	+5.02		
CPT232	66238.9	442694.4	+5.00		
CPT233	66257.0	442685.9	+5.02		
CPT234	66275.1	442677.5	+5.05		
CPT235	66049.2	442760.9	+5.72		
CPT236	66067.4	442752.5	+5.83		
CPT237	66085.5	442744.0	+5.99		
CPT238	66103.6	442735.5	+7.90		
CPT239	66121.7	442727.1	+7.88		
CPT240	66139.8	442718.6	+5.78		
CPT241	66157.9	442710.1	+5.36		
CPT242	66176.1	442701.7	+4.95		
CPT243	66194.2	442693.2	+5.00		
CPT244	66212.3	442684.7	+5.01		
CPT245	66230.4	442676.3	+4.99		
CPT246	66248.5	442667.8	+5.03		
CPT247	66266.7	442659.3	+5.04		

No groundwater level measured



Wijziging A	13-05-2019	CPT080A, CPT080B and ECPT080	LMU

Fugro
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Veurse Achterweg 10
2264 SG Leidschendam

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Revision: 13-05-2019
Scale: 1 : 1000

SITE PLAN

0 10.0 20.0 30.0 40.0 50.0 m

Project Europoort Rotterdam

Format: A1 841x594

Drw	Date	Status	Project Number	App
UGU	02-05-2019	FINAL	1018-0481-001	1A

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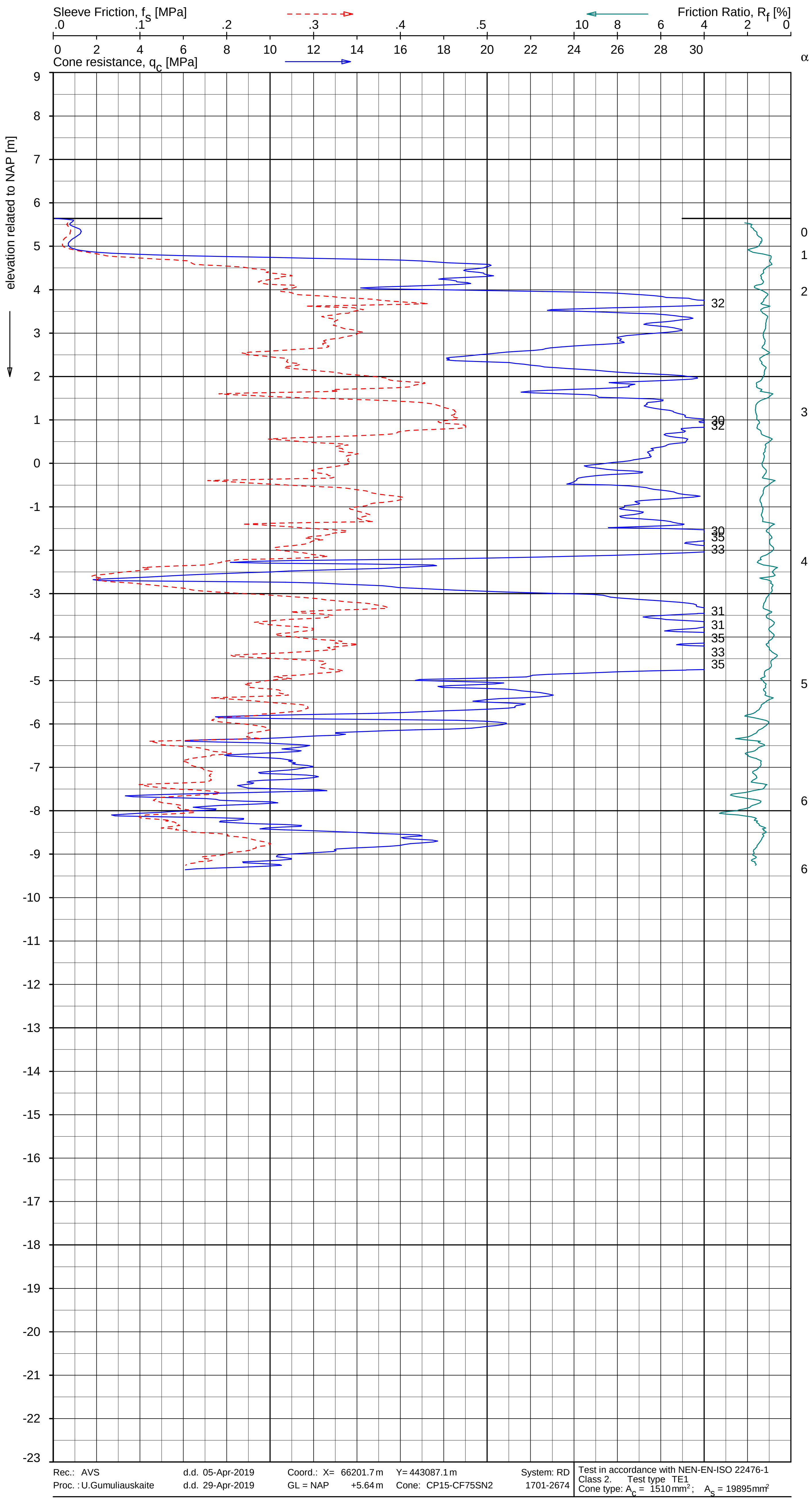
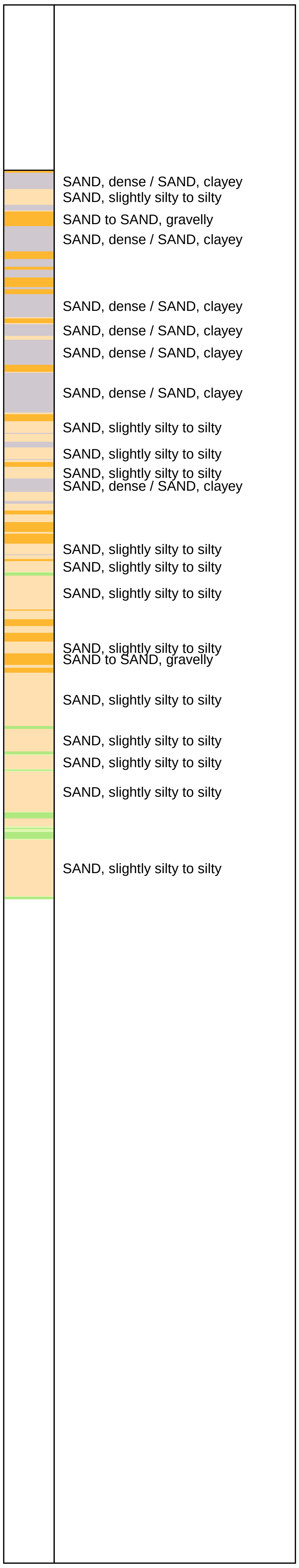


Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS d.d. 05-Apr-2019 Coord.: X= 66201.7 m Y= 443087.1 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.64 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT001

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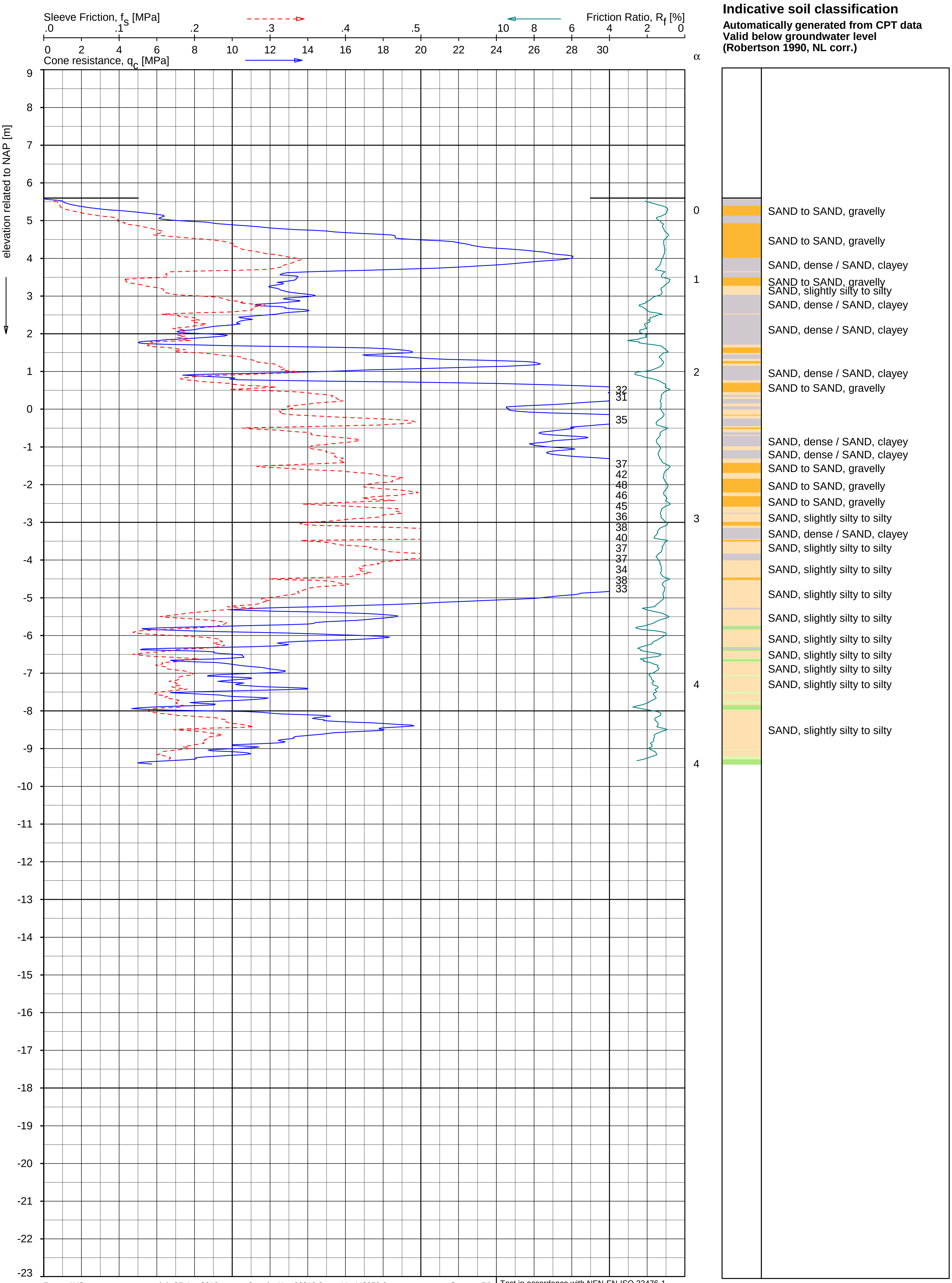
1018-0481-001

CPT001 - 1



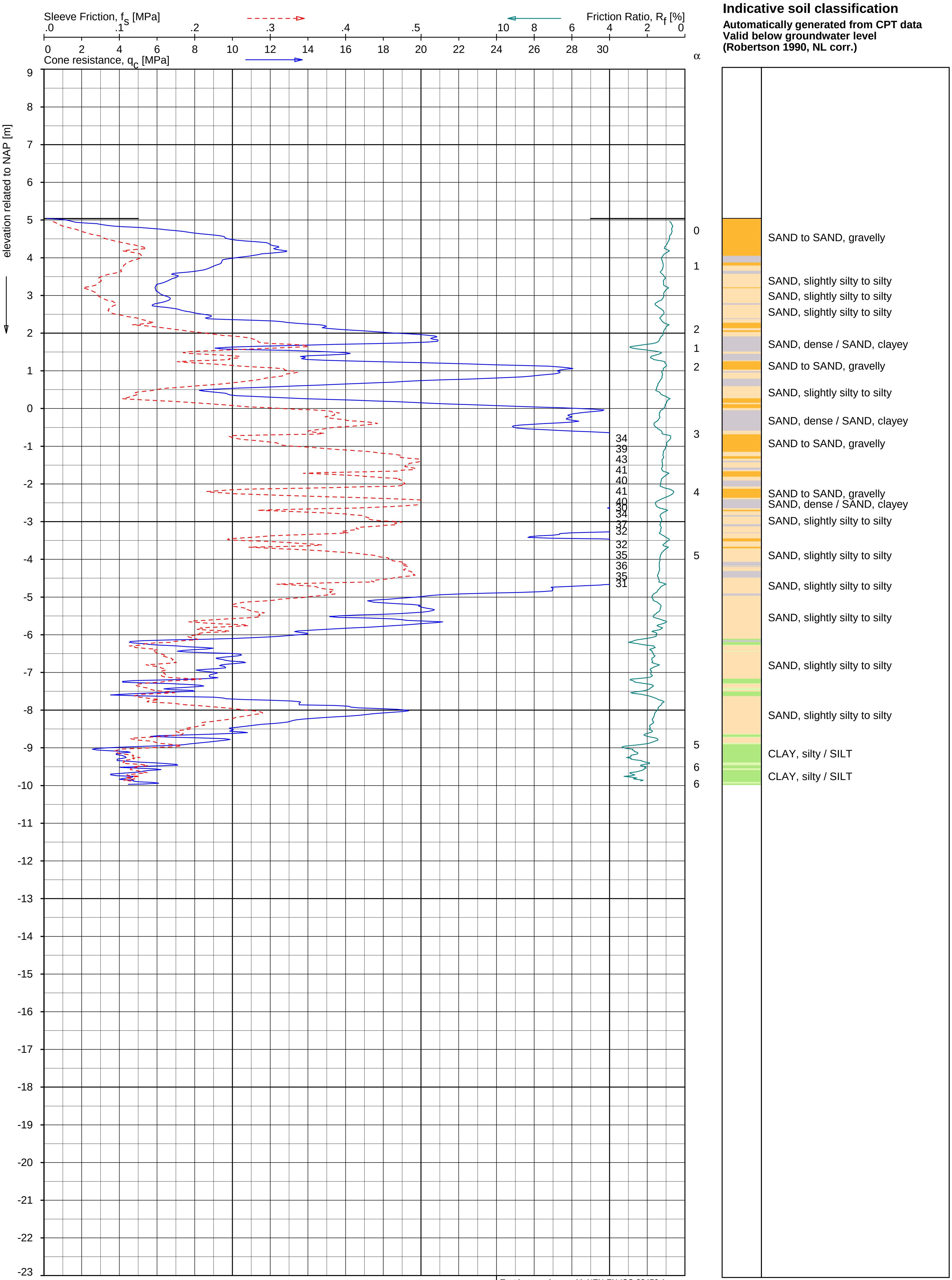
Rec.: AVS d.d. 05-Apr-2019 Coord.: X= 66219.8 m Y= 443078.6 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.60 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT002

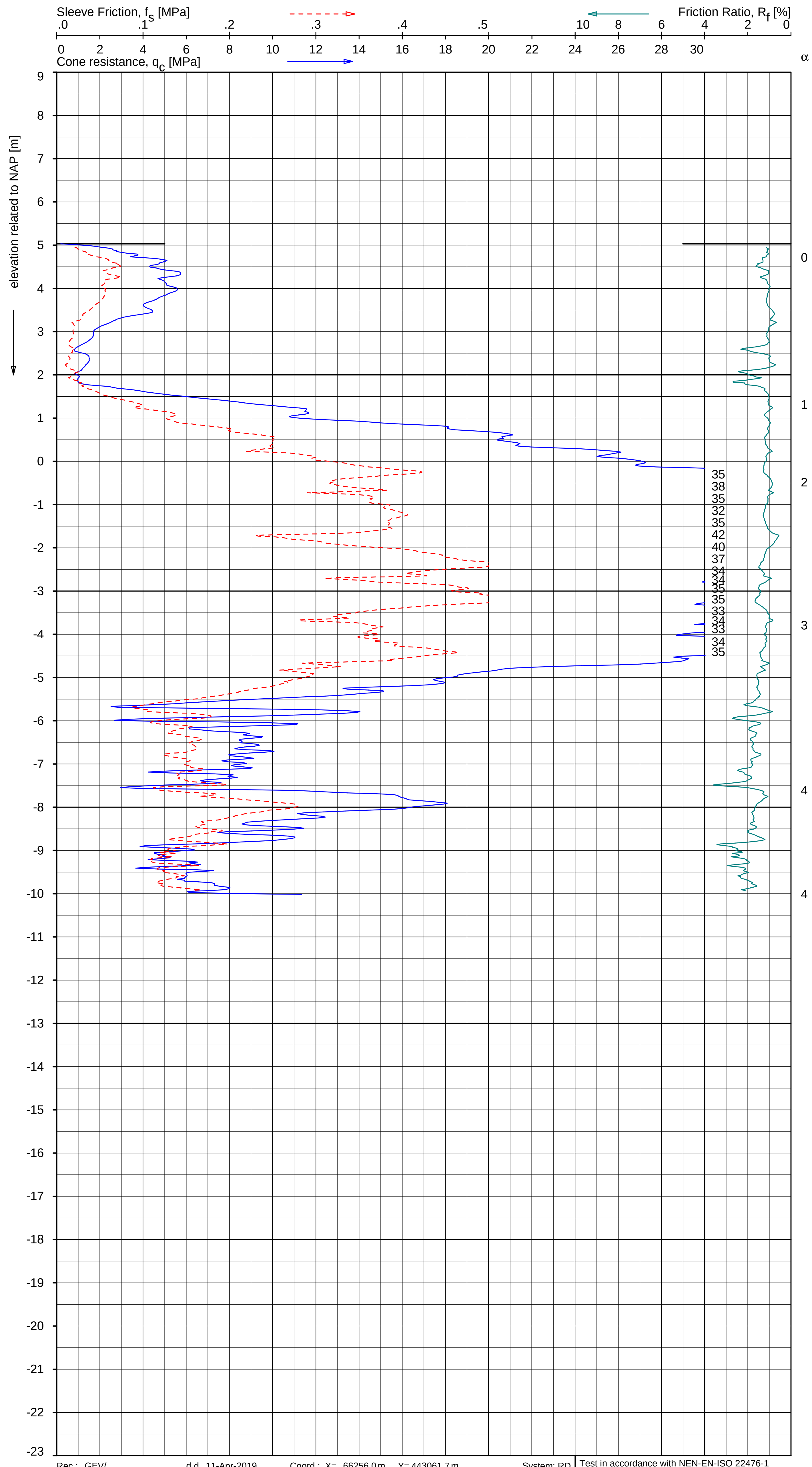


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66237.9 m Y= 443070.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.04 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

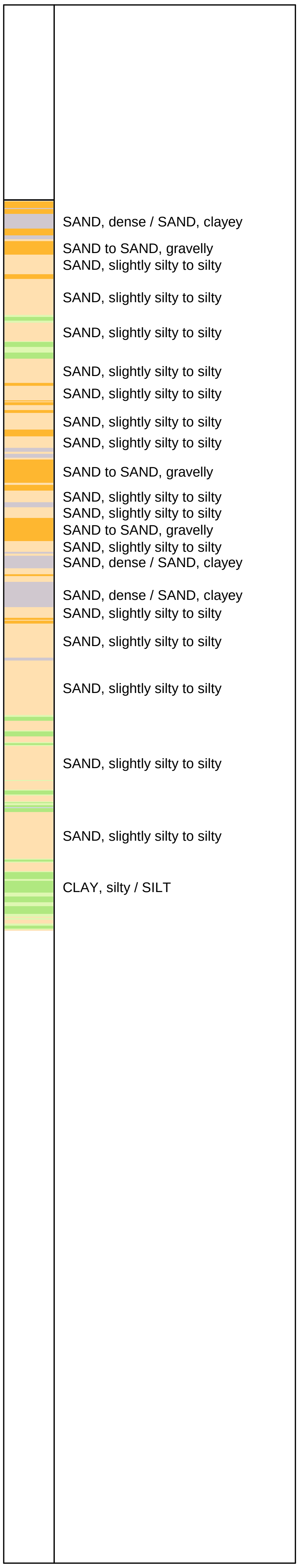
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT003



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66256.0 m Y= 443061.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.03 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

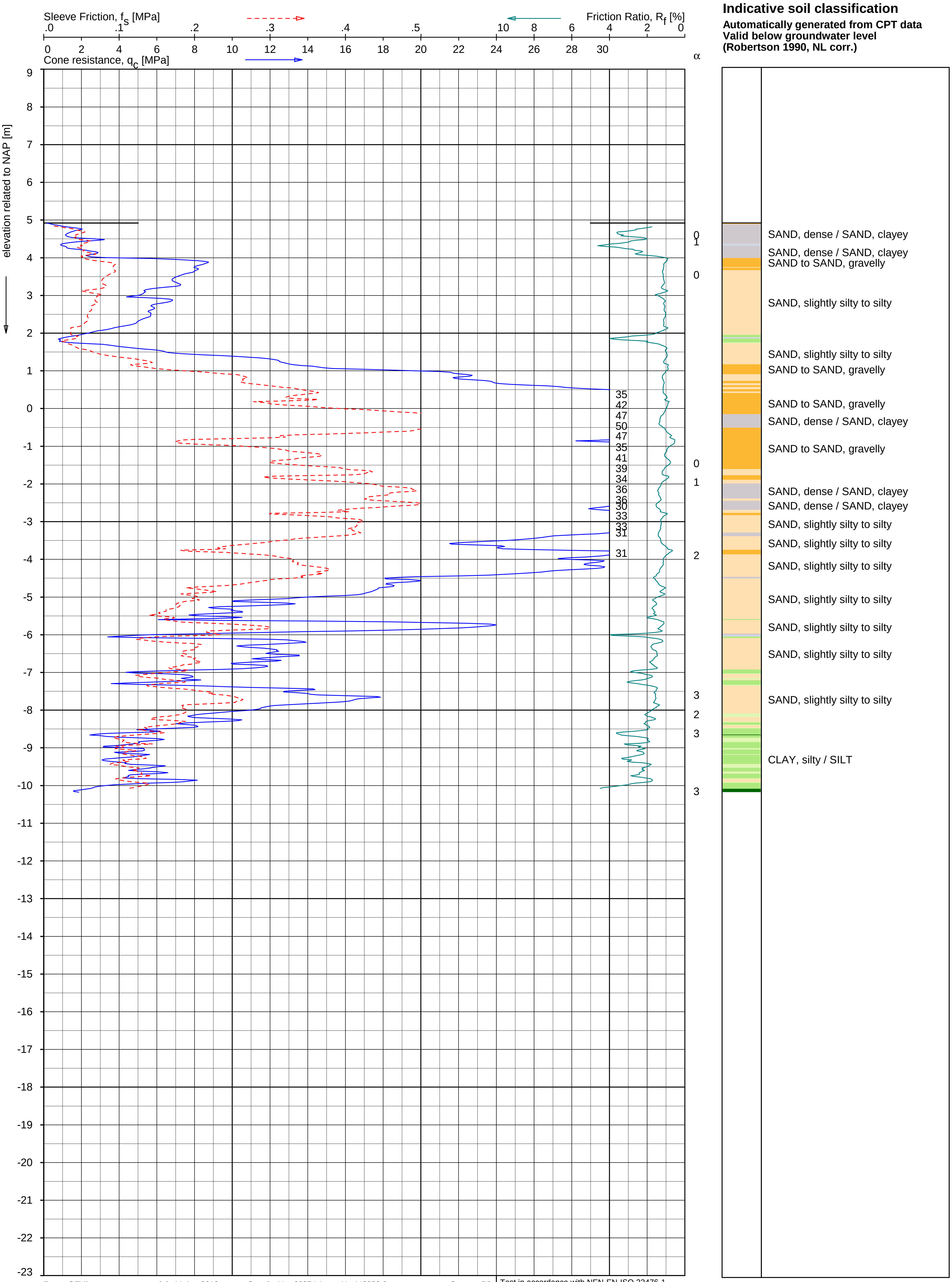
Proj. 1018-0481-001
Cpt CPT004

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:32

1018-0481-001

CPT004 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:21



Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66274.1 m Y= 443053.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.92 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

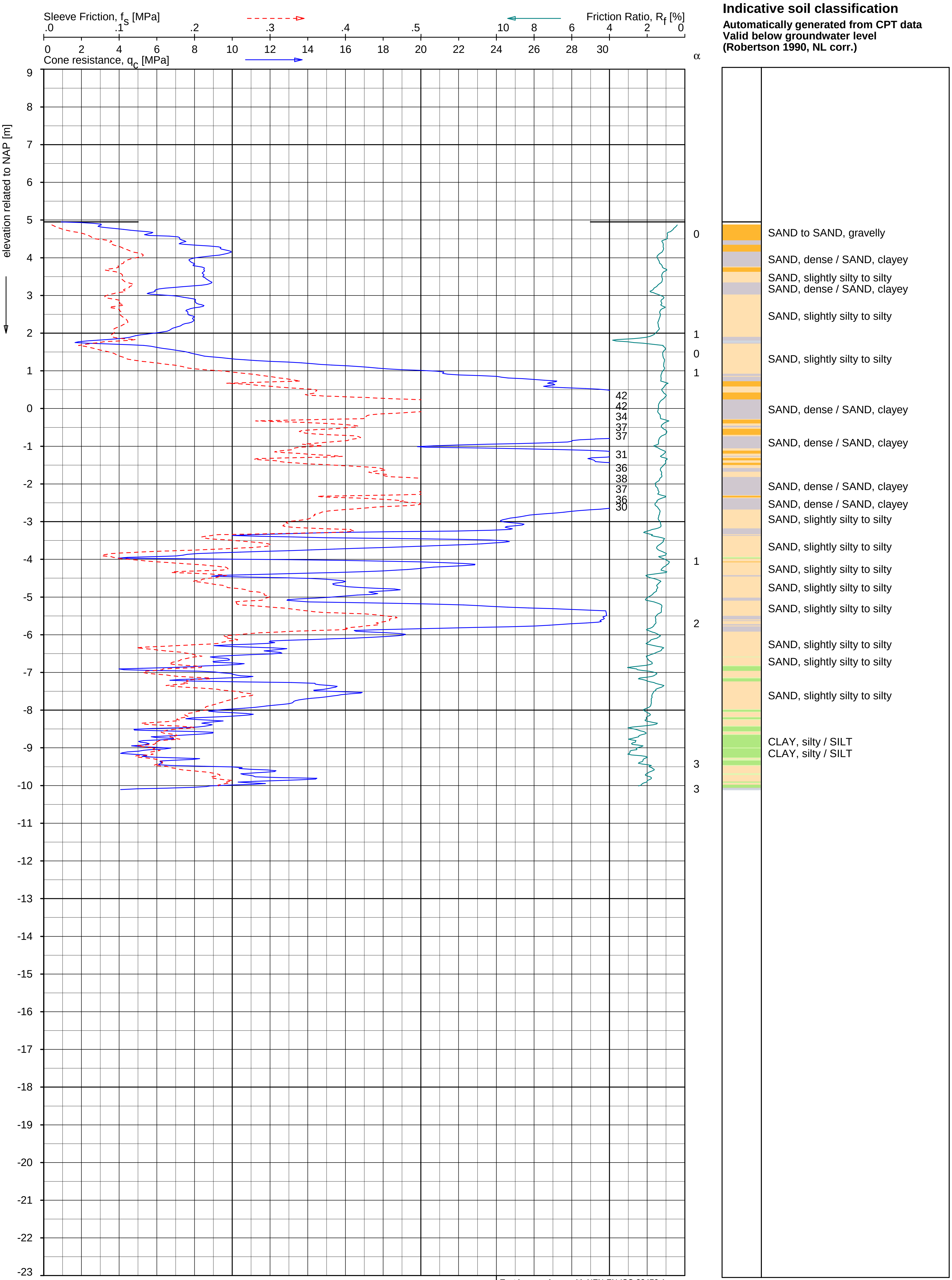
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT005

1018-0481-001

CPT005 - 1



Rec.: CV/ d.d. 15-Apr-2019
Proc.: U.Gumuliauskaite d.d. 29-Apr-2019

Coord.: X= 66292.3 m Y= 443044.7 m
GL = NAP +4.95 m Cone: CP15-CF75SN2

System: RD
1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

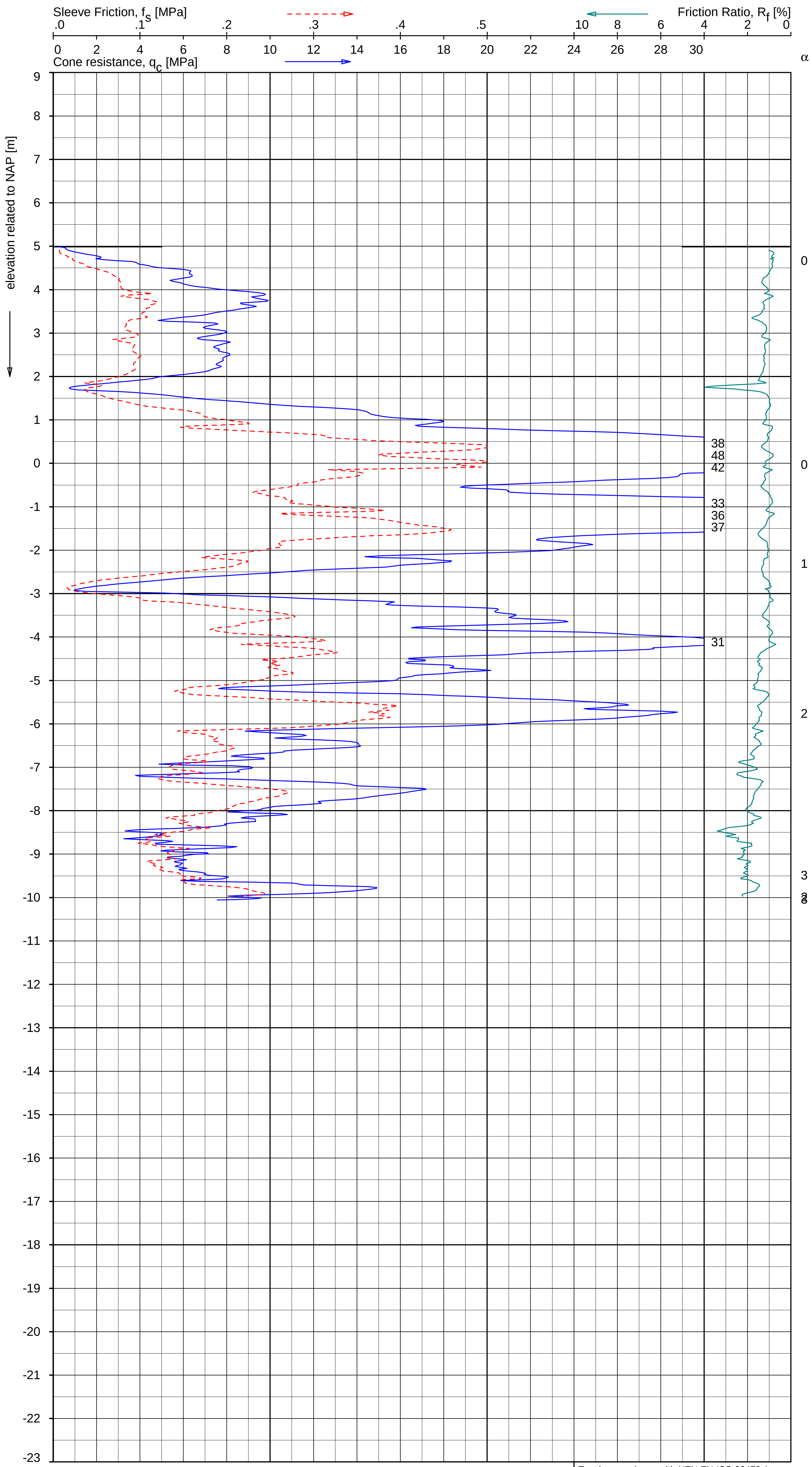
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT006

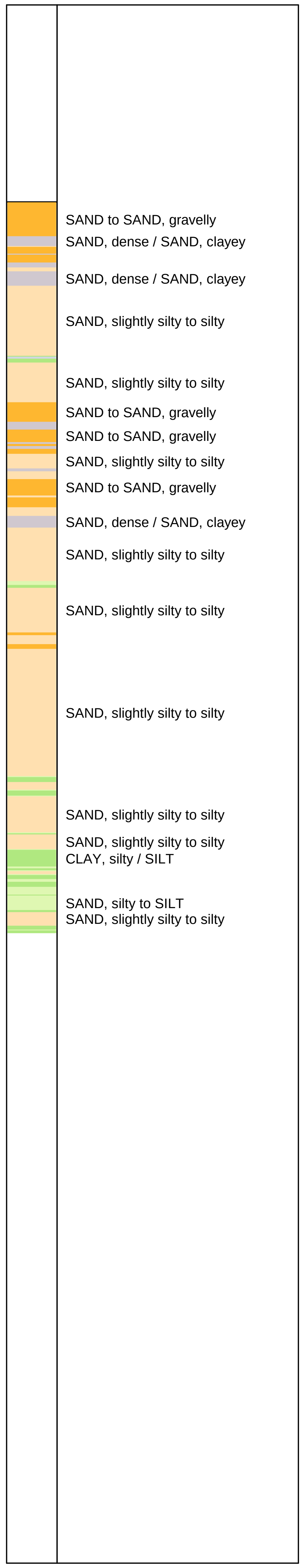
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:30

1018-0481-001



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

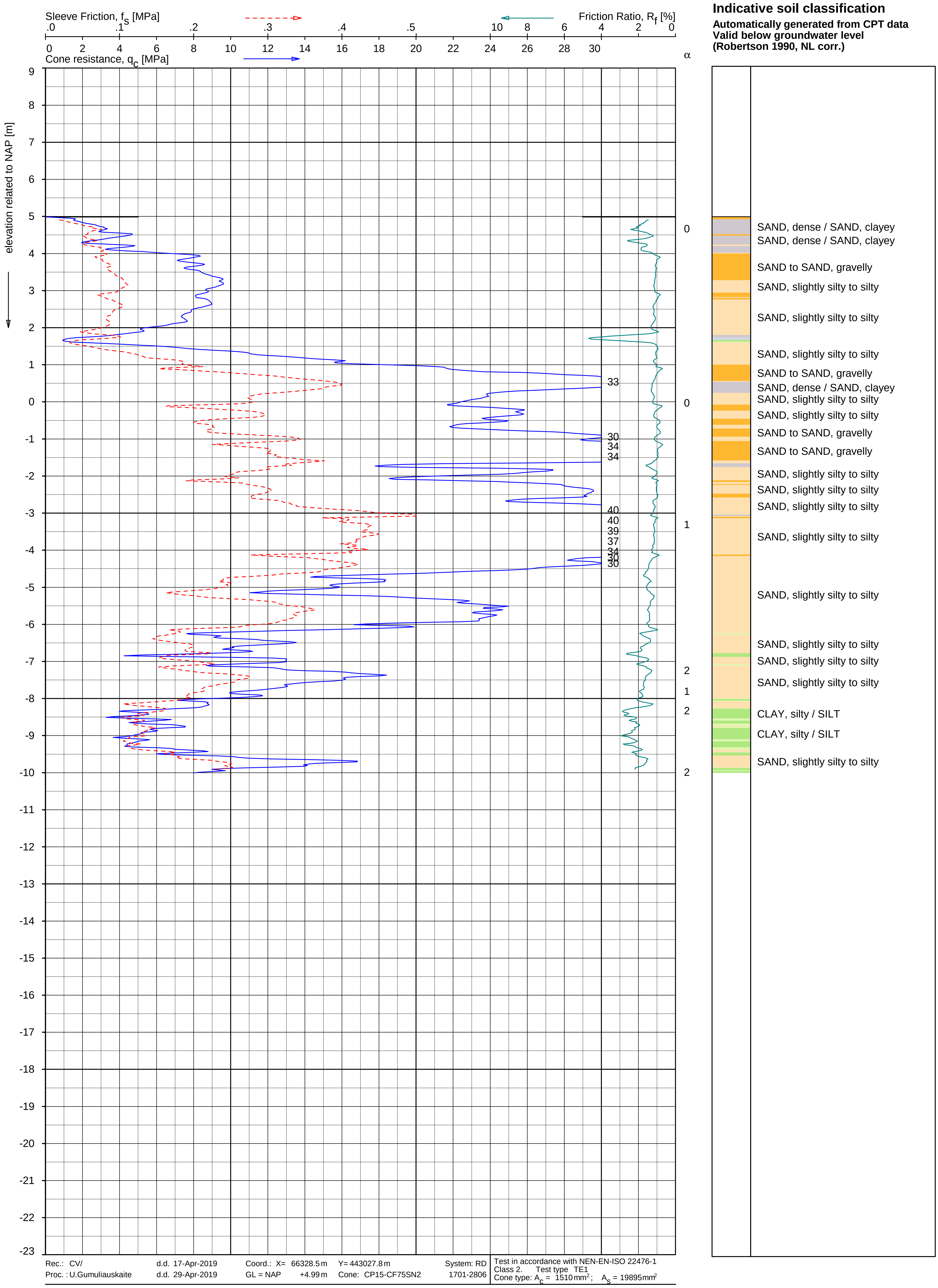


Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66310.4 m Y= 443036.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT007



Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66328.5 m Y= 443027.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

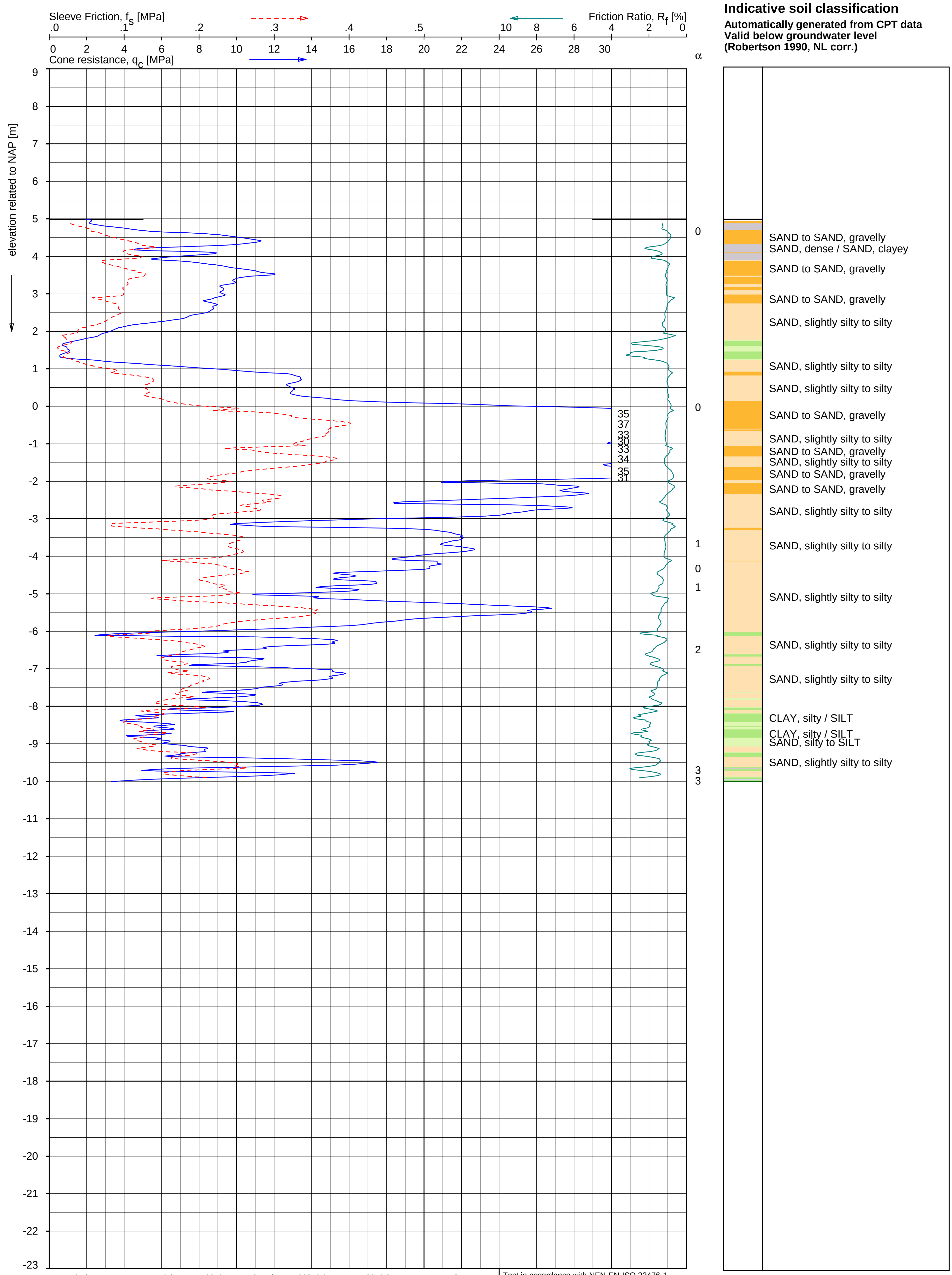
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT008

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:10

1018-0481-001

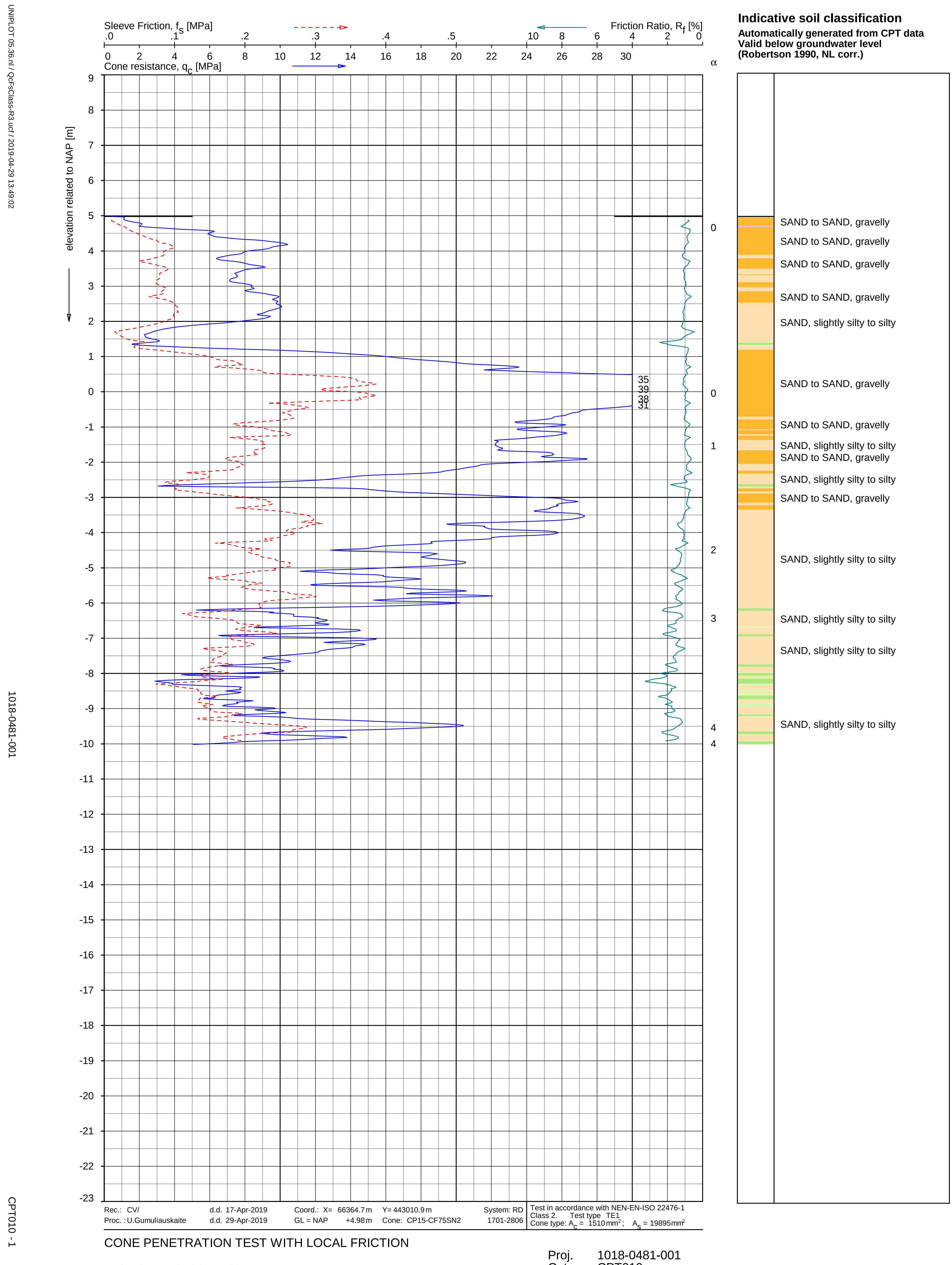


Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66346.6 m	Y= 443019.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT009



Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66364.7 m Y= 443010.9 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.98 m Cone: CP15-CF75SN2	1701-2806

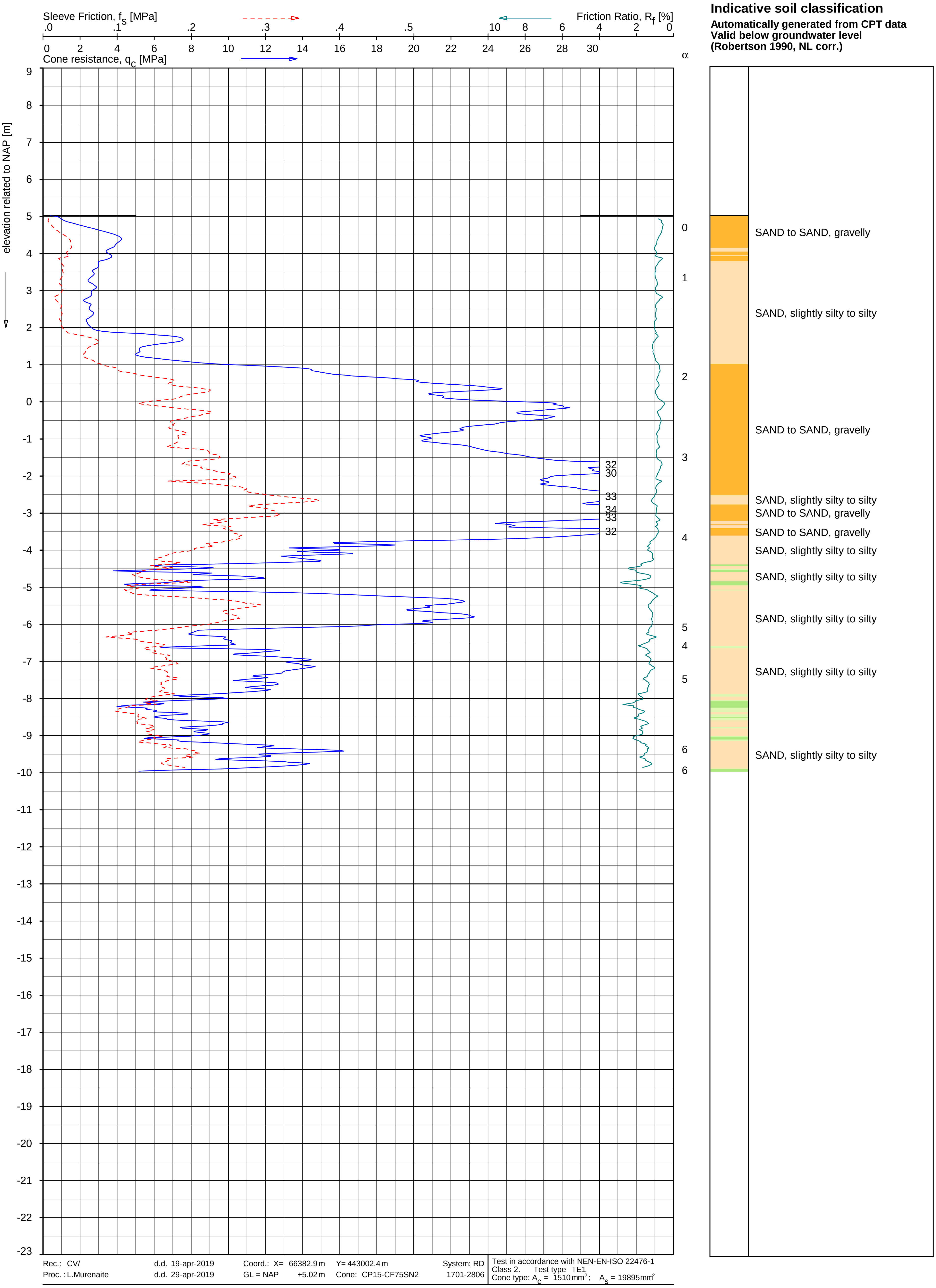
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT010

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:33



Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66382.9 m Y= 443002.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

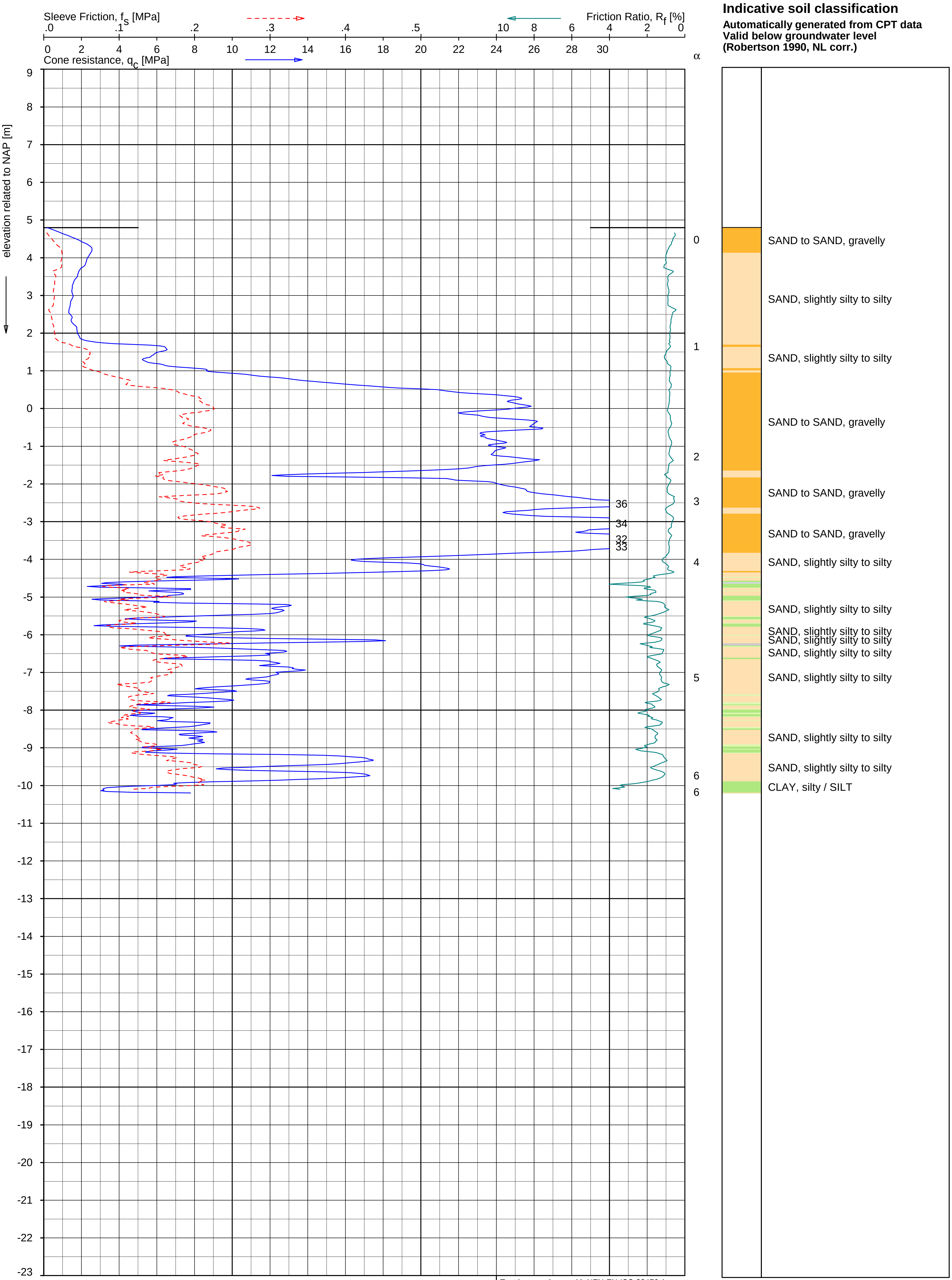
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT011

1018-0481-001

CPT011 - 1



Rec.: CV/ d.d. 19-apr-2019 Coord.: X= 66401.0 m Y= 442993.9 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.80 m Cone: CP15-CF75SN2 1701-2806

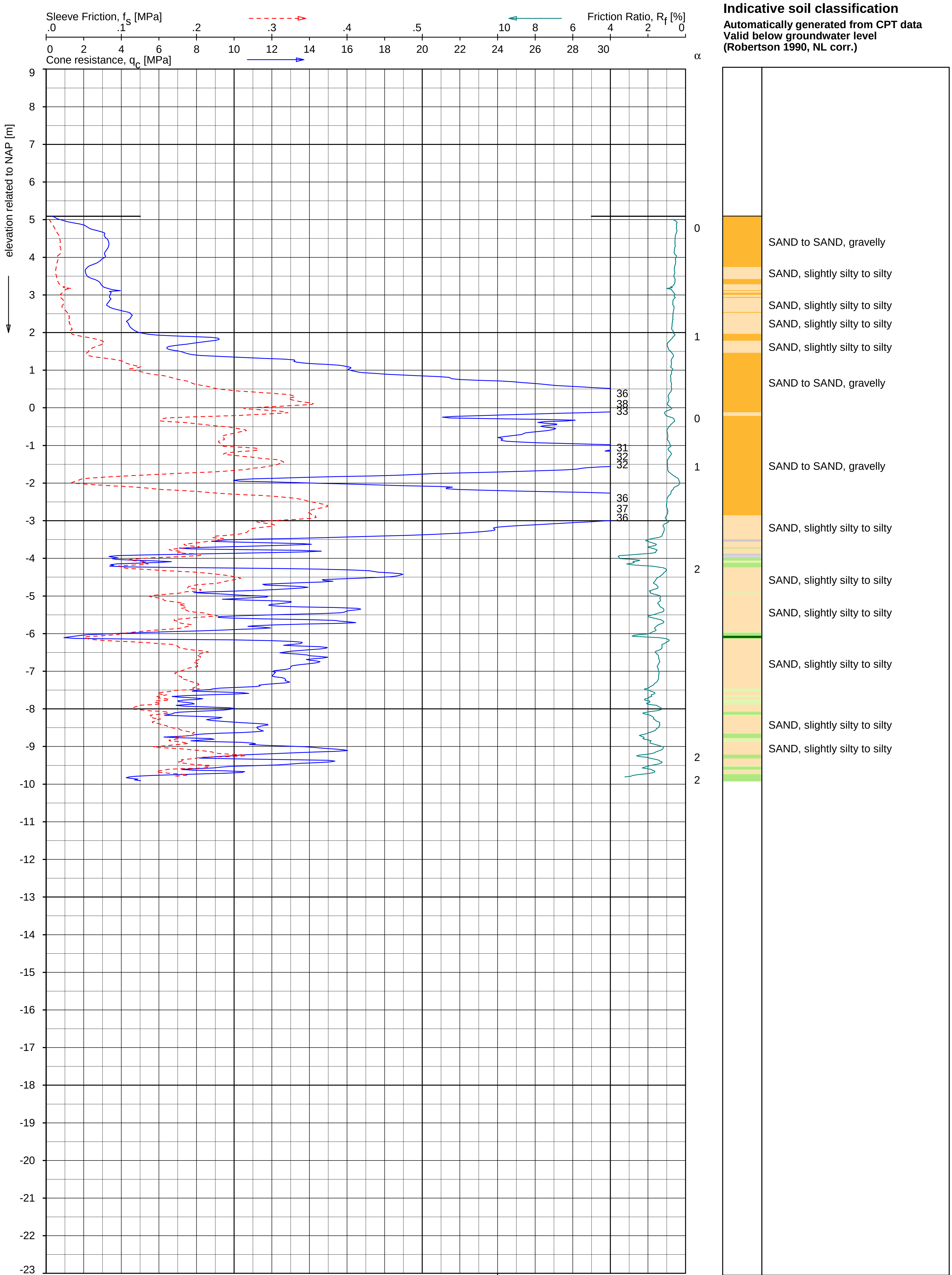
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT012

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:18



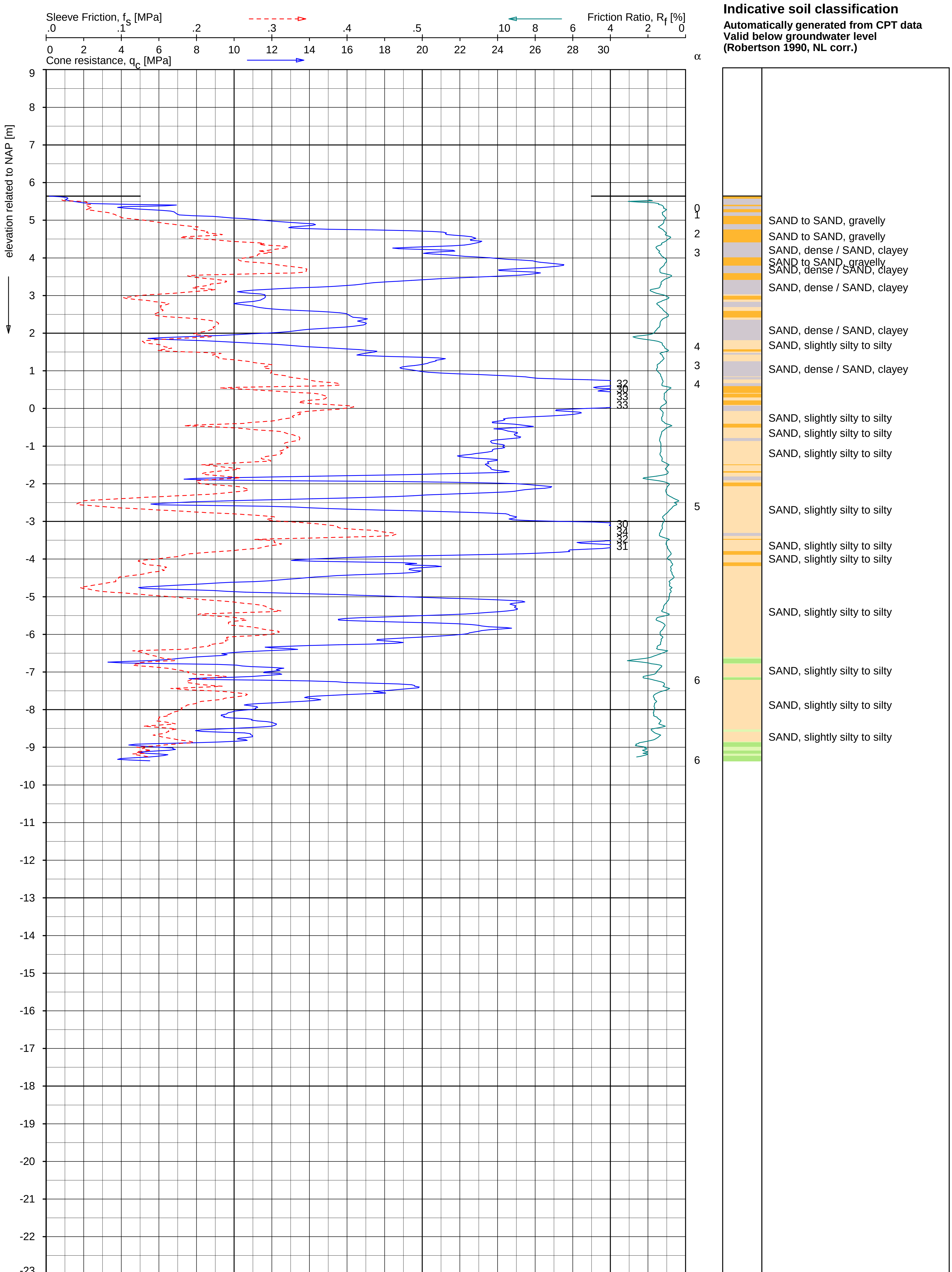
Rec.: CV/	d.d. 23-apr-2019	Coord.: X= 66419.1 m Y= 442985.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.09 m Cone: CP15-CF75SN2	1701-2782	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT013

1018-0481-001



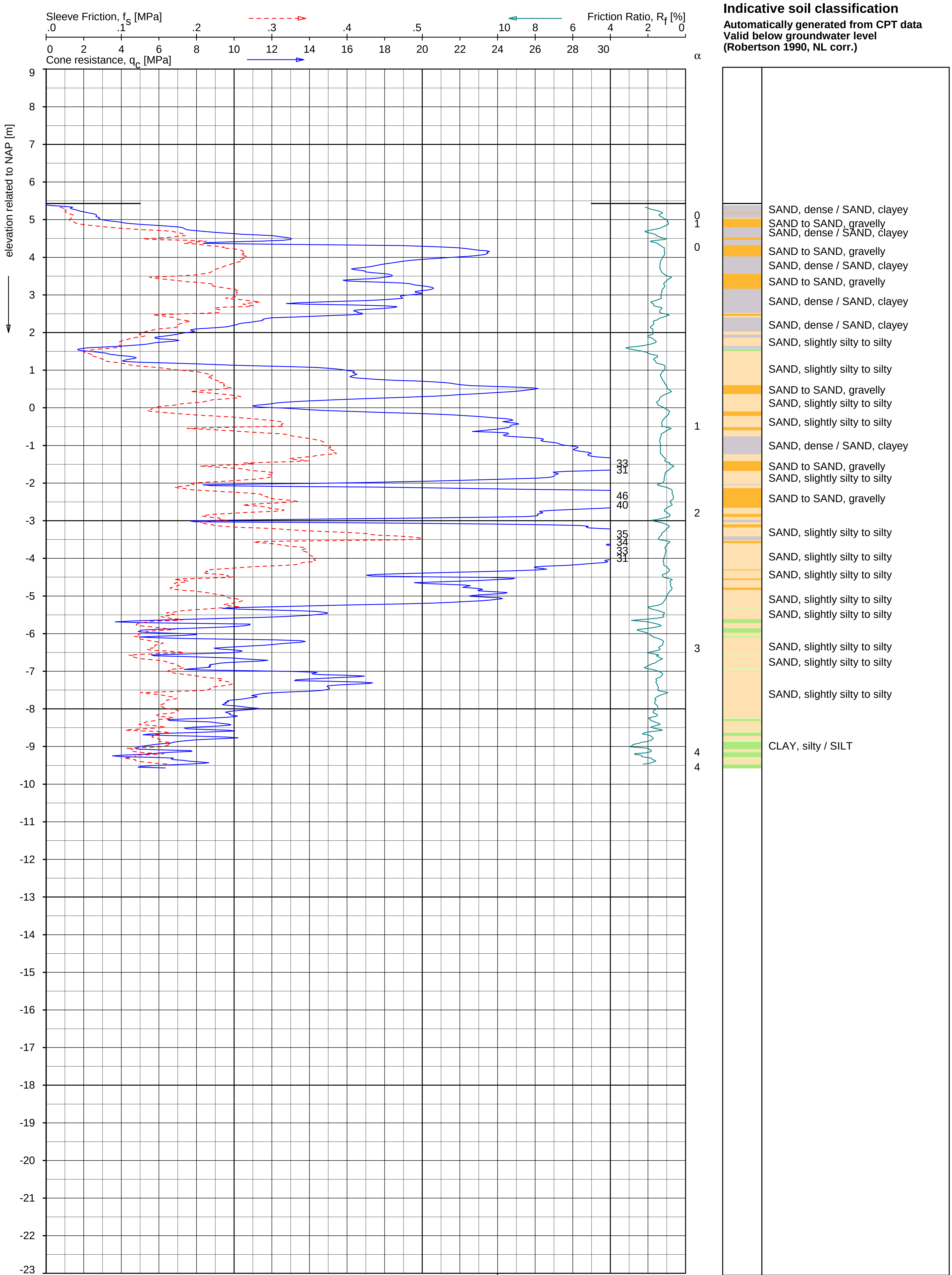
Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66193.2 m	Y= 443069.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.64 m	Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT014

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:53

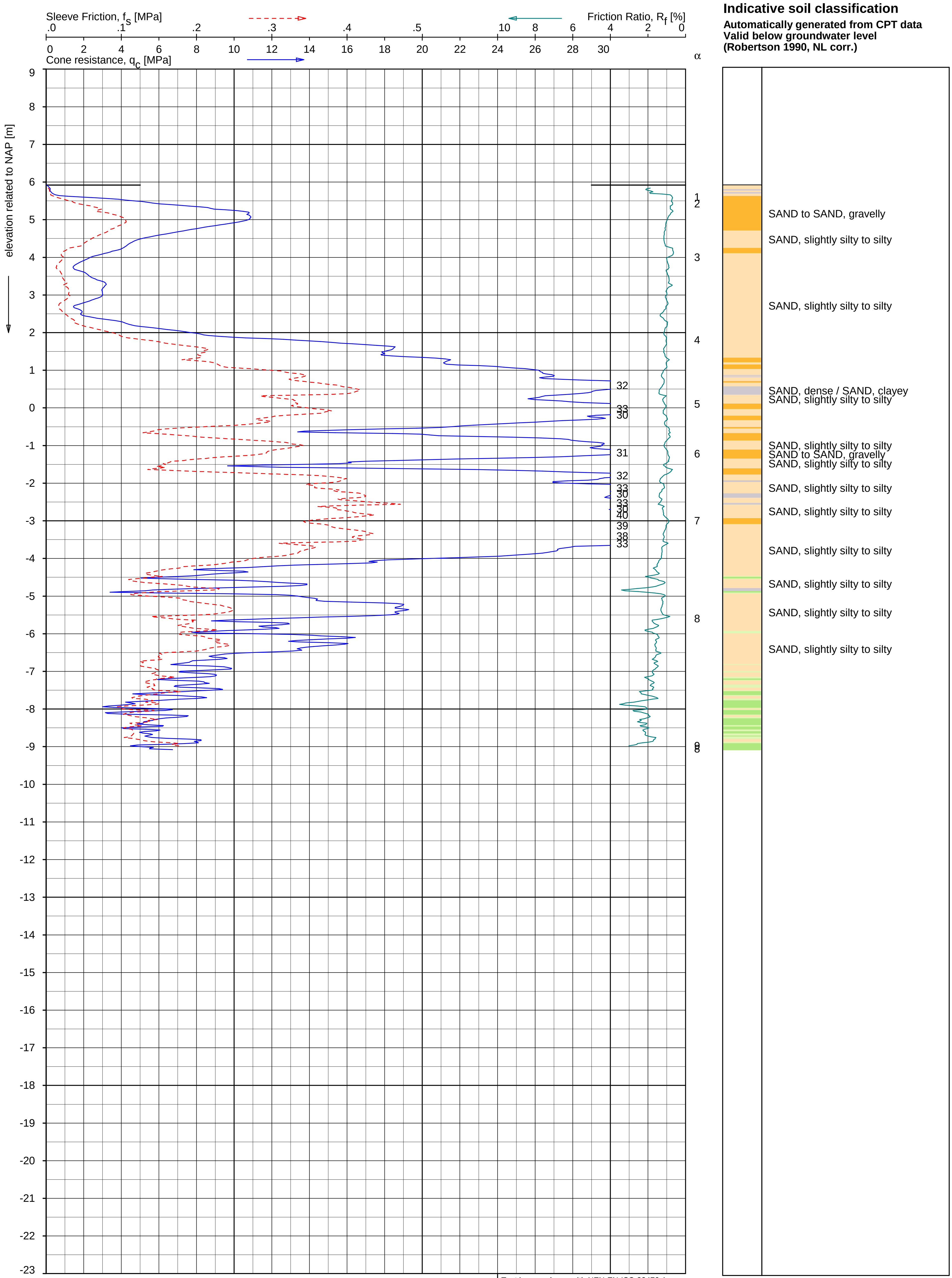


Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66211.3 m	Y= 443060.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.43 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT015

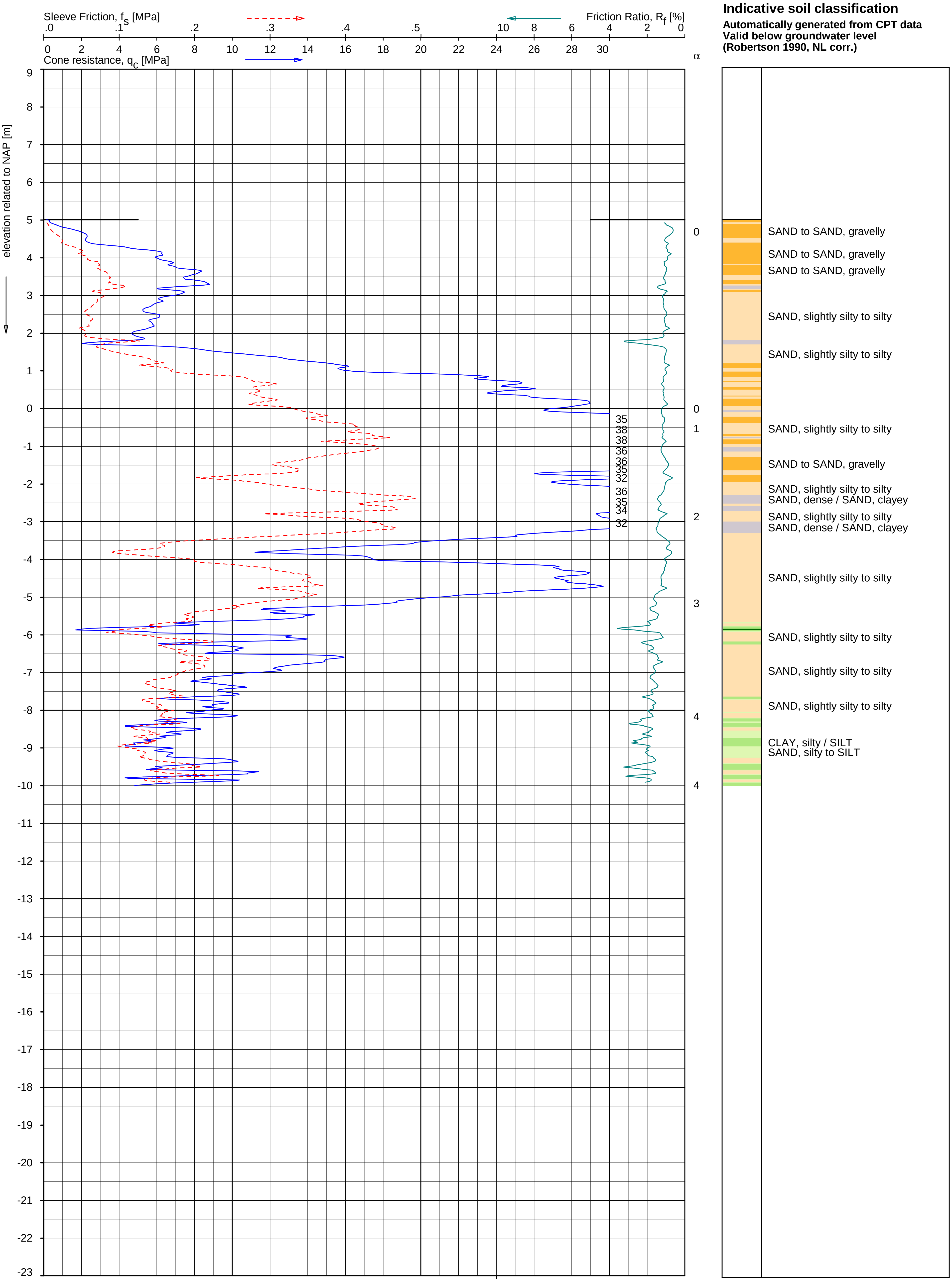


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66229.4 m	Y= 443052.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.92 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT016

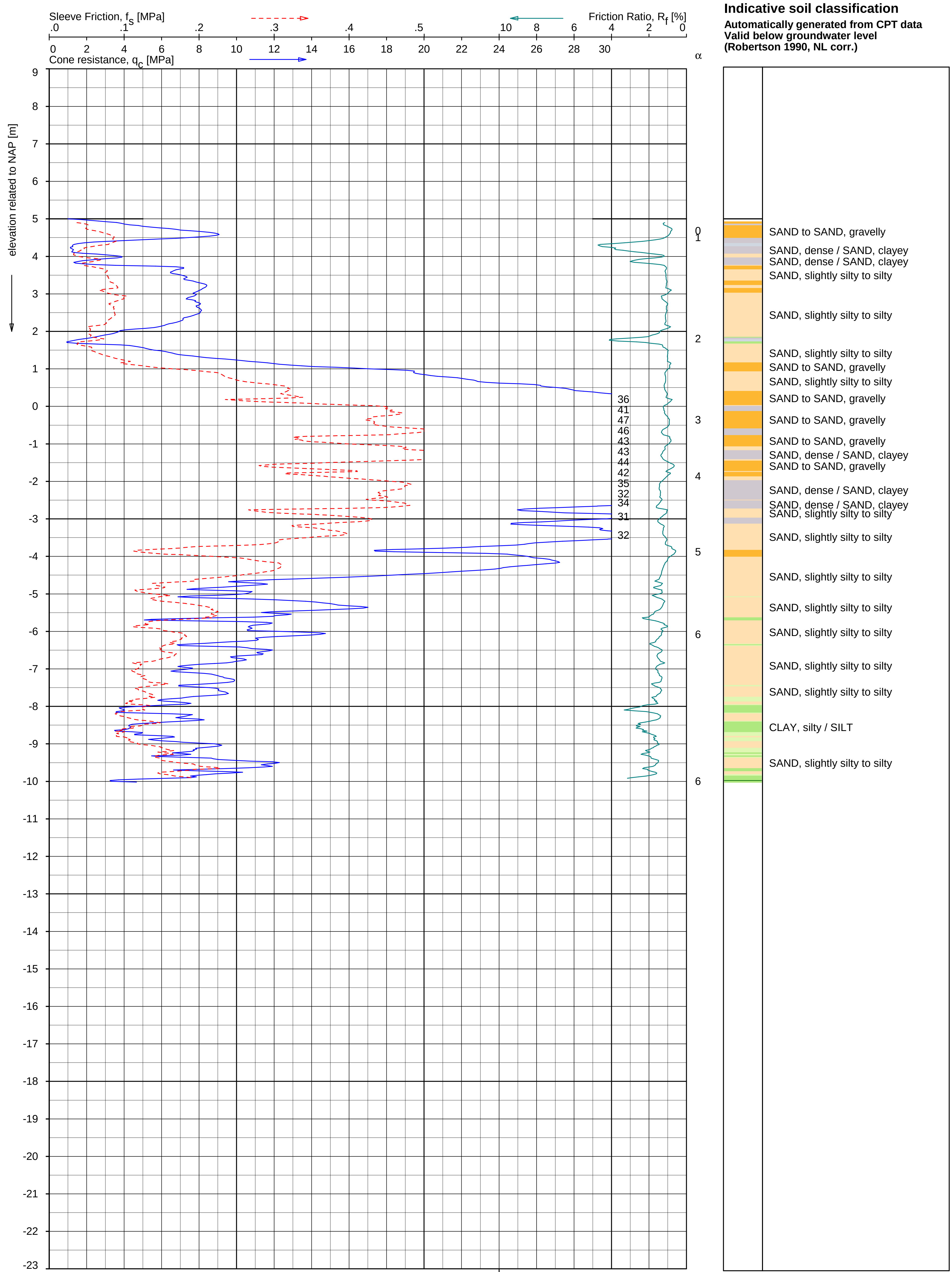


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66247.6 m	Y= 443043.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.01 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT017

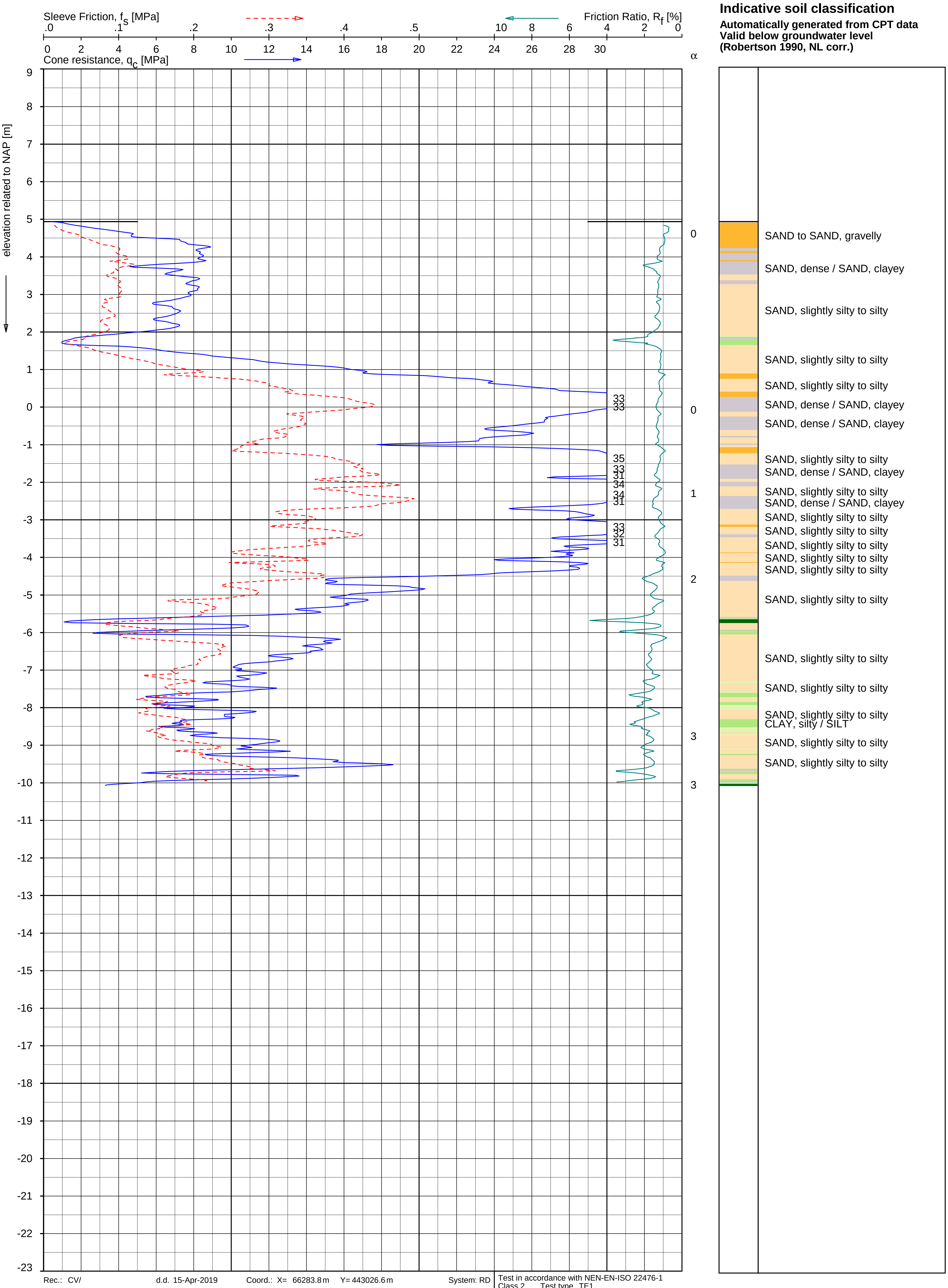


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66265.7 m Y= 443035.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.00 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT018

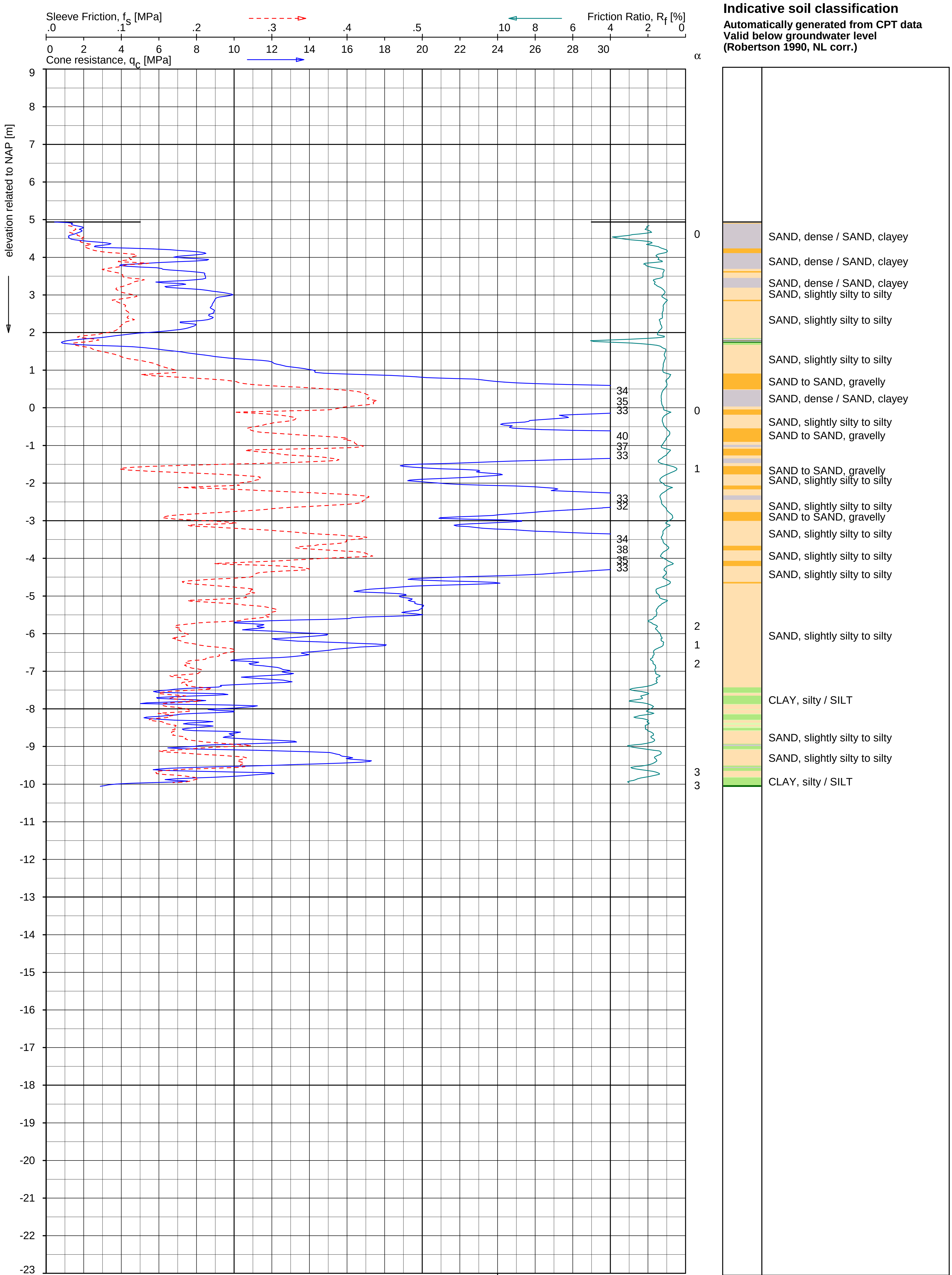


Rec.: CV/	d.d. 15-Apr-2019	Coord.: X= 66283.8 m	Y= 443026.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.94 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT019

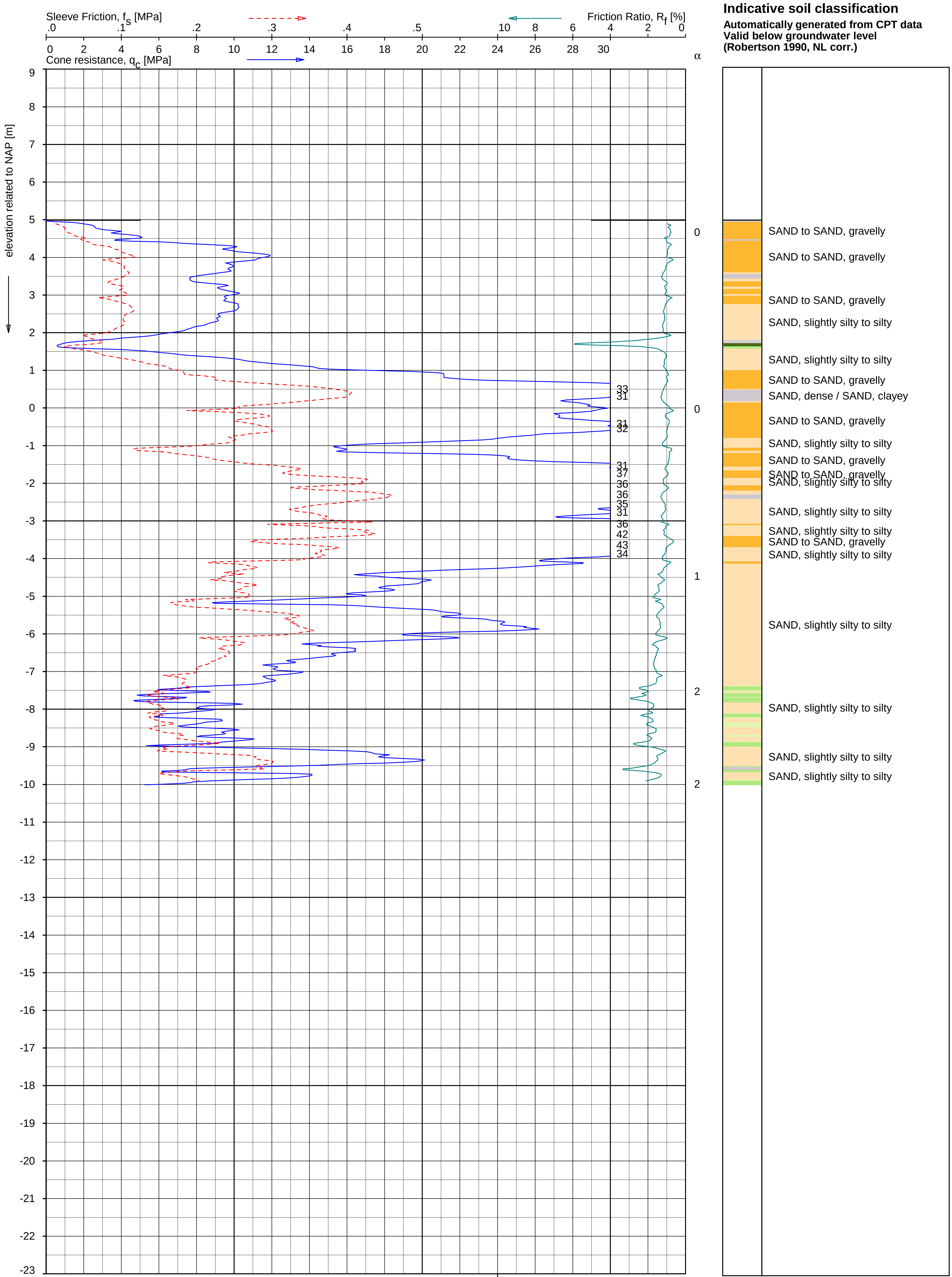


Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66301.9 m	Y= 443018.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.94 m	Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT020

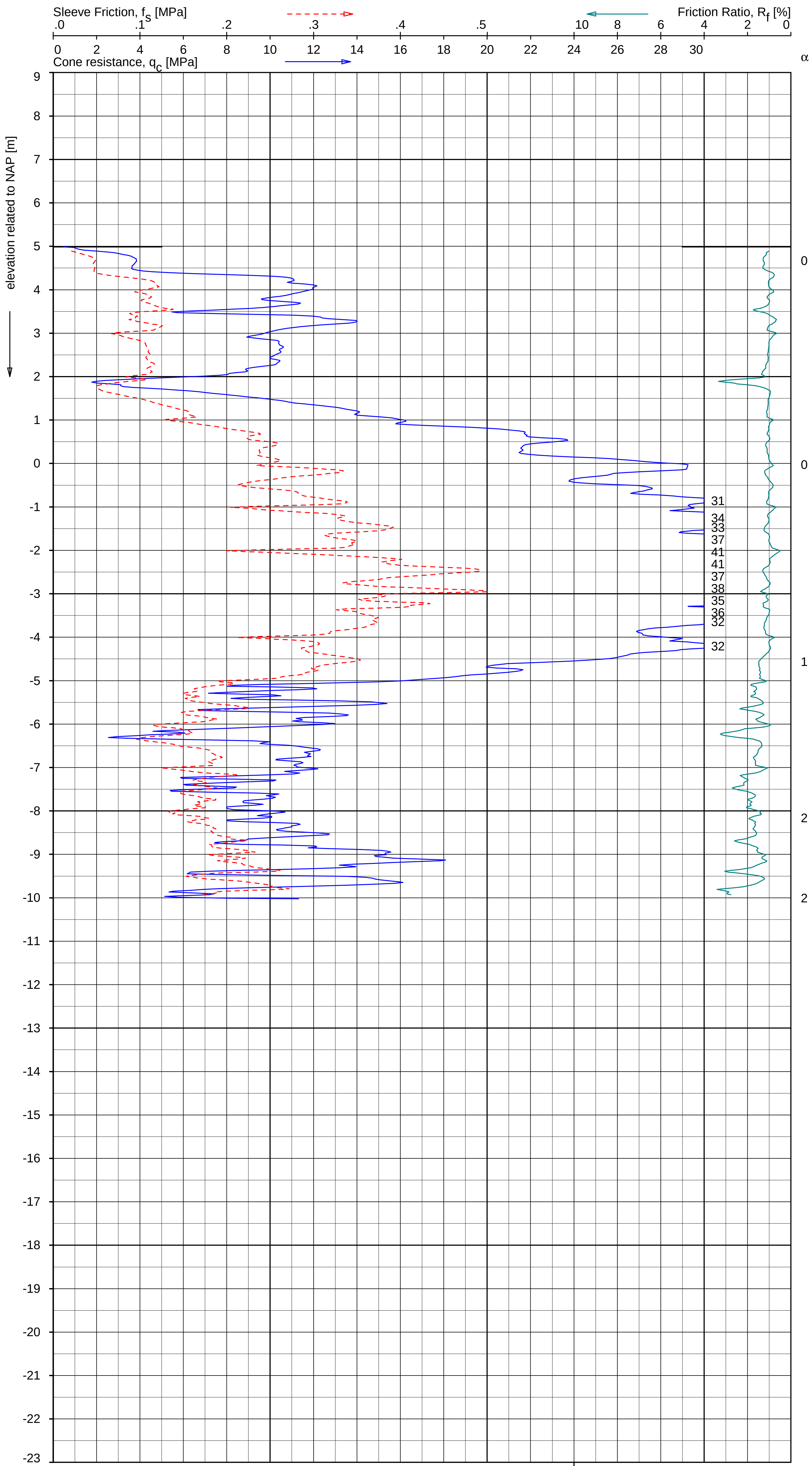


Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66320.0 m Y= 443009.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

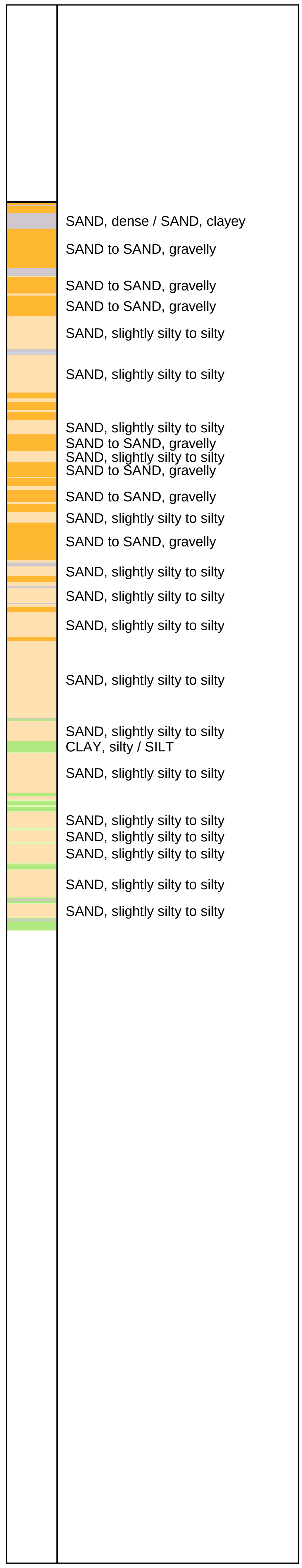
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT021



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

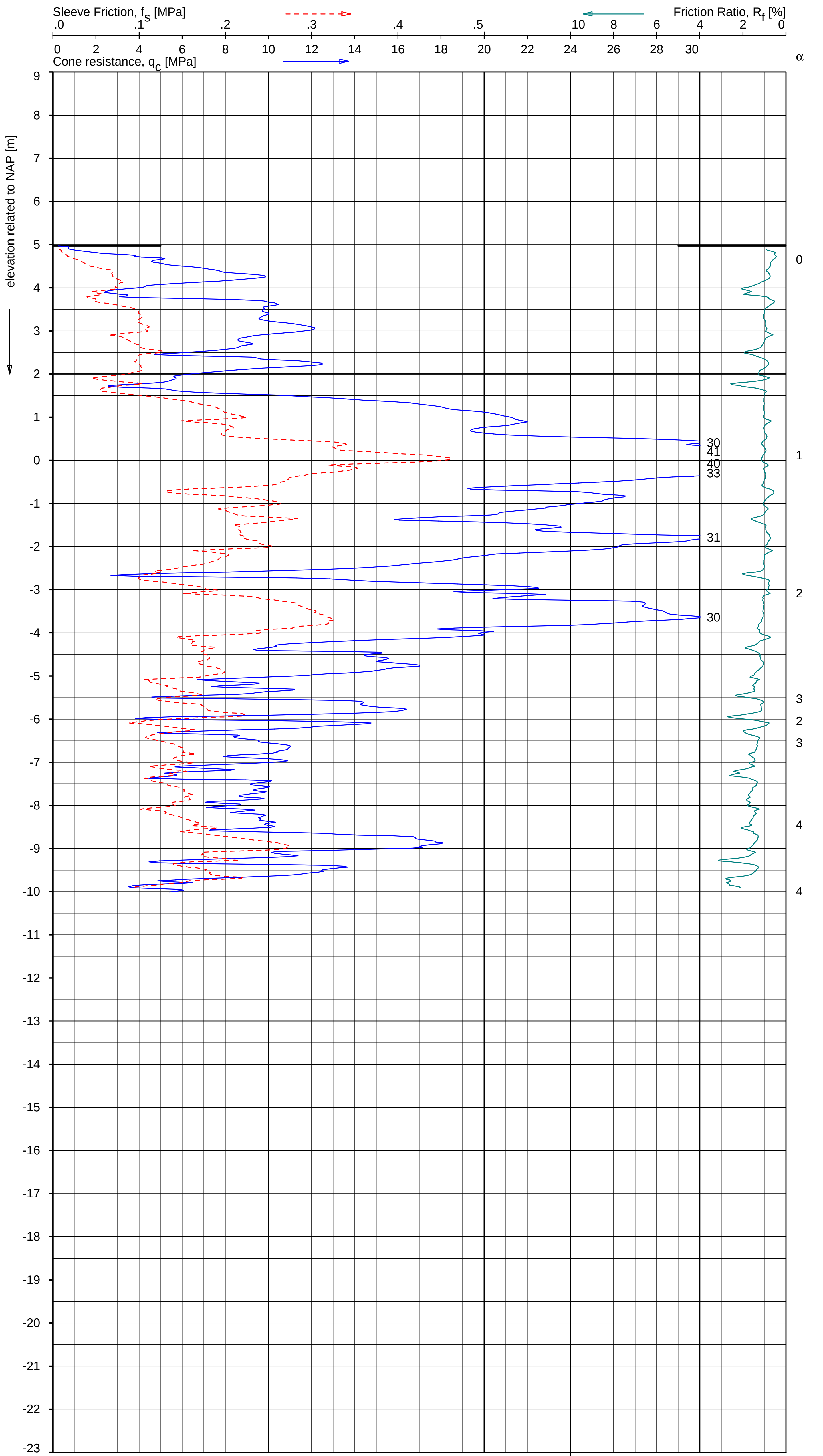


Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66338.1 m Y= 443001.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT022



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT

Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66356.3 m Y= 442992.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.97 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

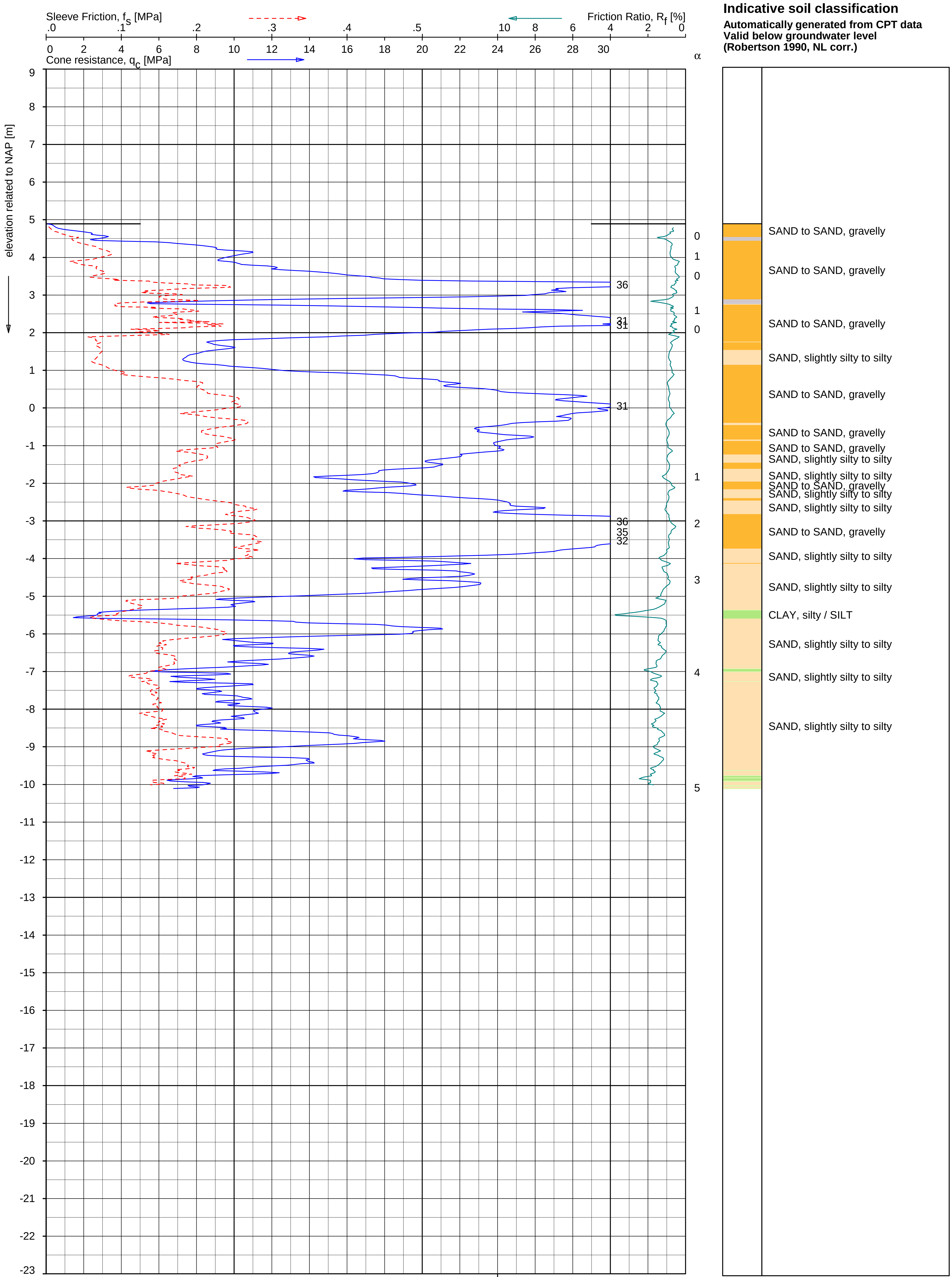
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT023

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:17

1018-0481-001

CPT023 - 1

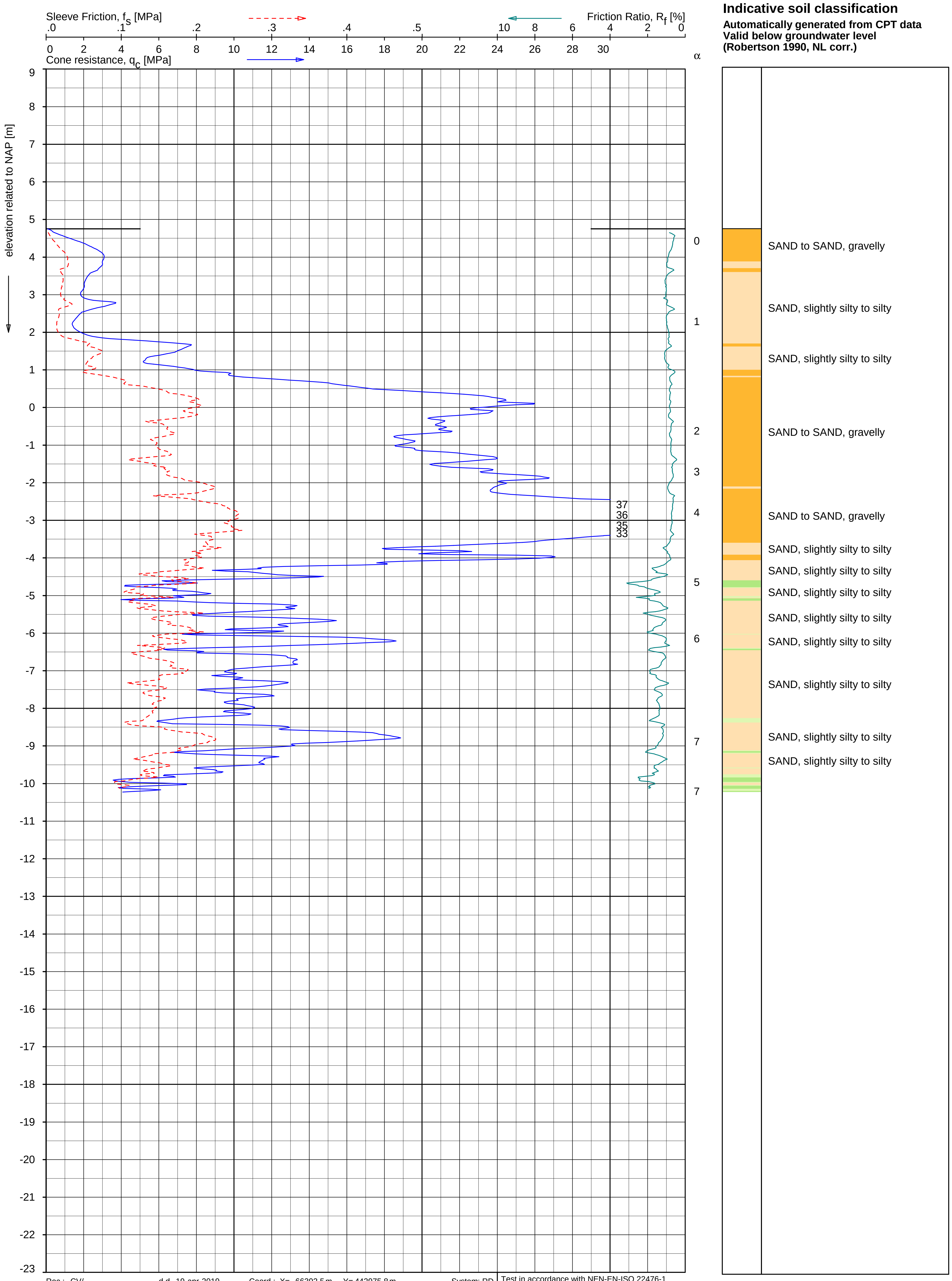


Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66374.4 m	Y= 442984.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.89 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT024

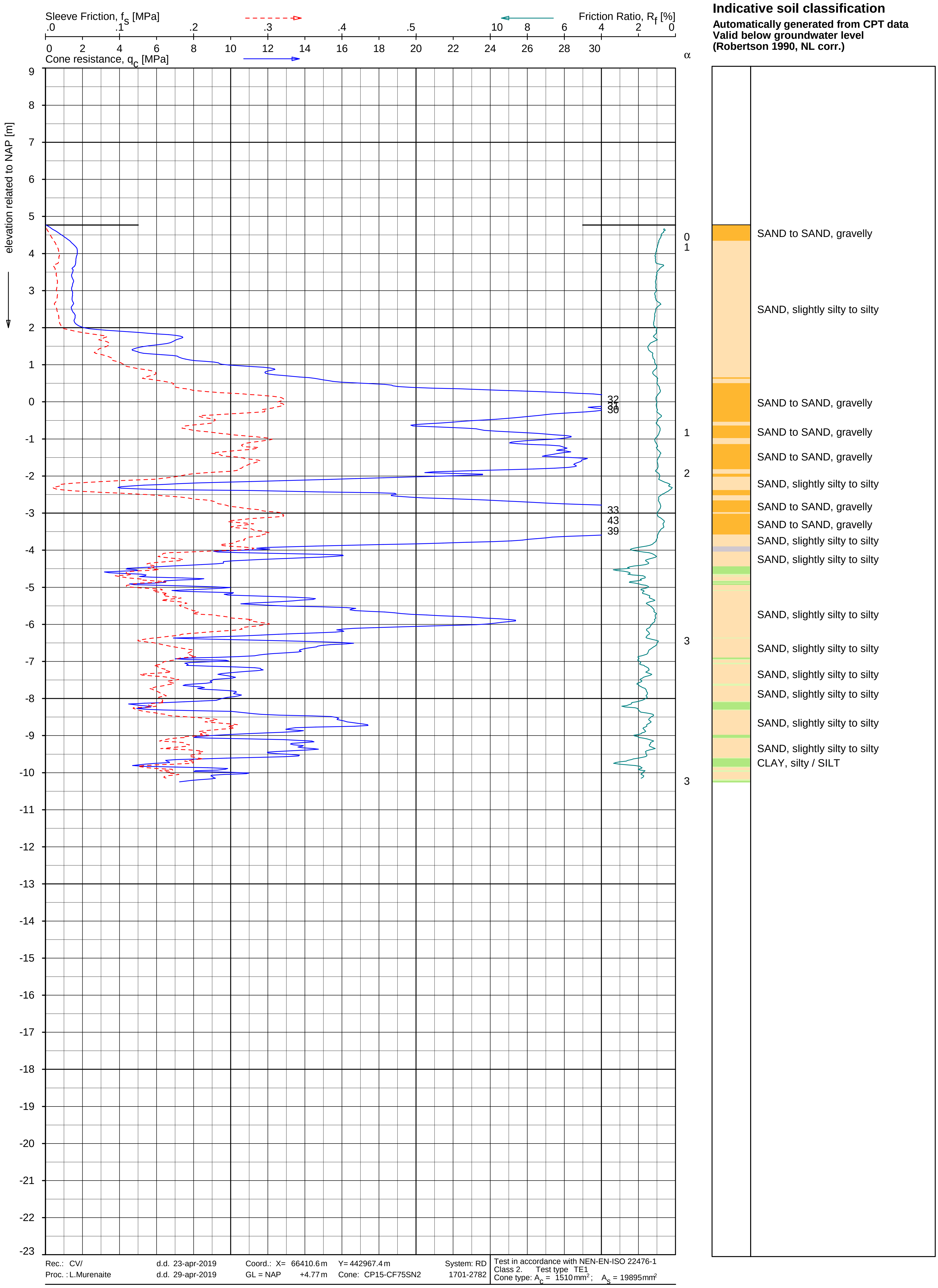


Rec.: CV/ d.d. 19-apr-2019 Coord.: X= 66392.5 m Y= 442975.8 m System: RD Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite d.d. 29-apr-2019 GL = NAP +4.75 m Cone: CP15-CF75SN2 1701-2806 Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT025



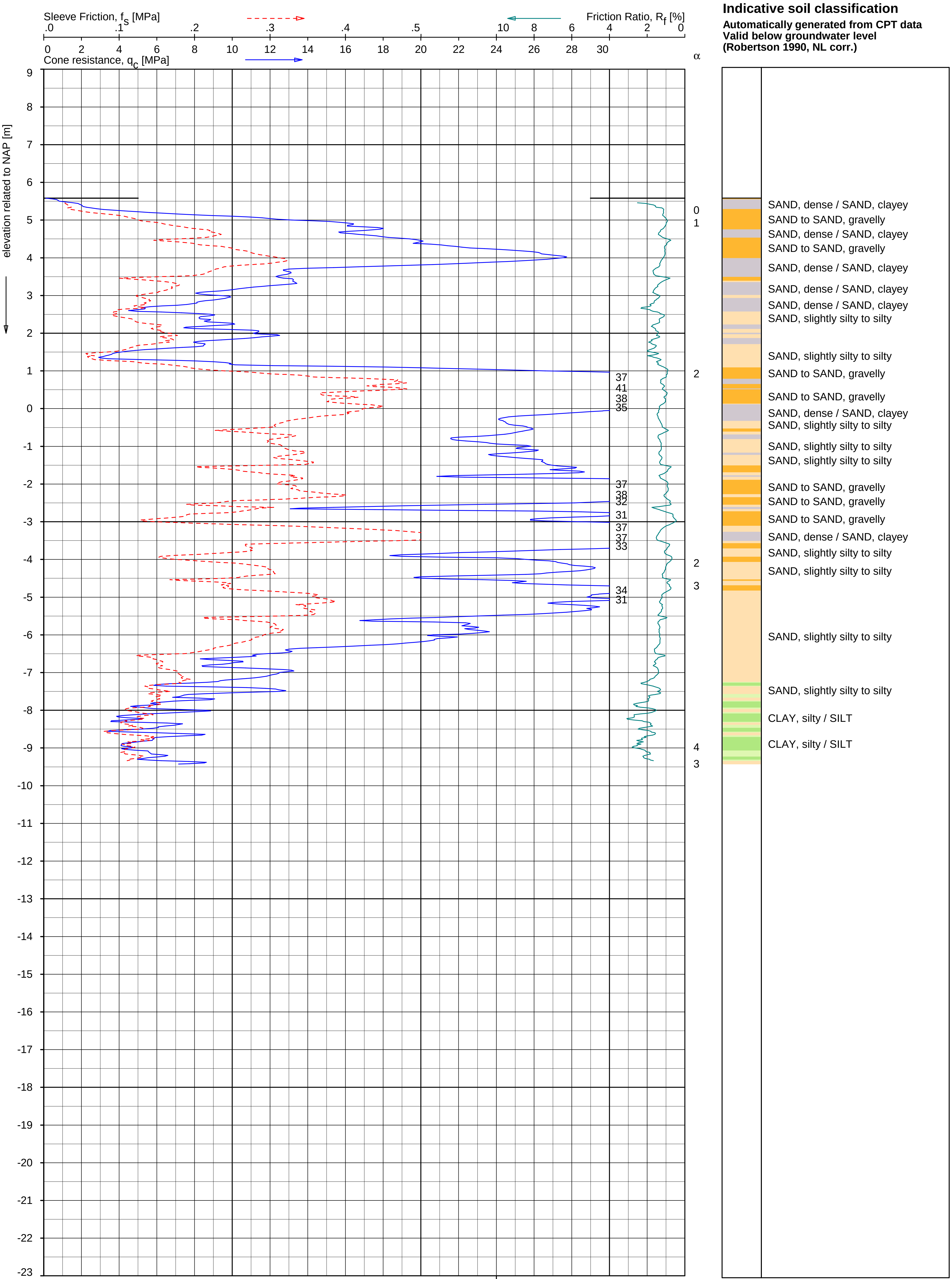
Rec.: CV/ d.d. 23-apr-2019 Coord.: X= 66410.6 m Y= 442967.4 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.77 m Cone: CP15-CF75SN2 1701-2782

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT026



Rec.: AVS d.d. 05-Apr-2019 Coord.: X= 66184.7 m Y= 443050.9 m System: RD
Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.58 m Cone: CP15-CF75SN2 1701-2674

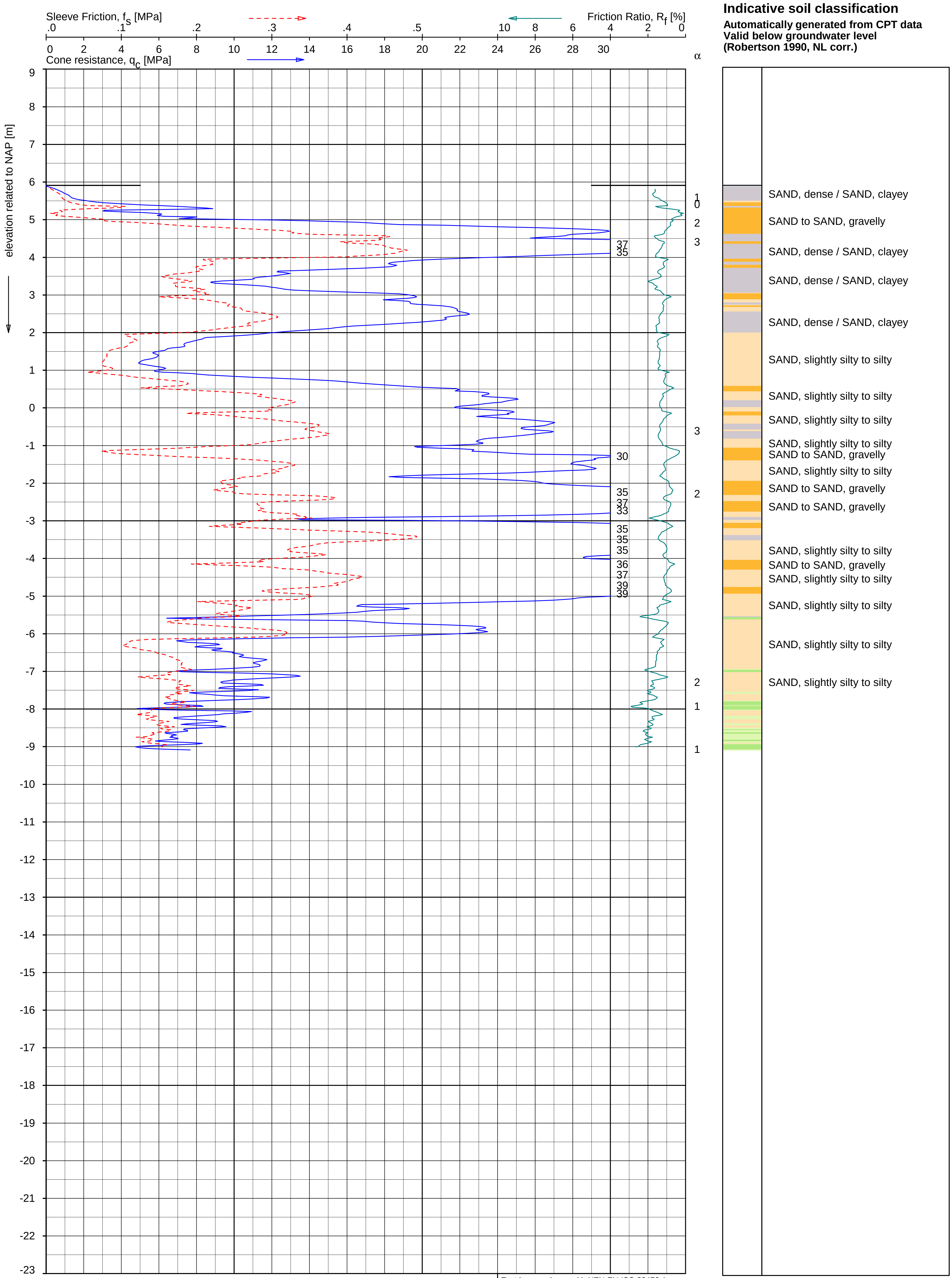
Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT027

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:24



Rec.: AVS d.d. 05-Apr-2019 Coord.: X= 66202.9 m Y= 443042.4 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.91 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

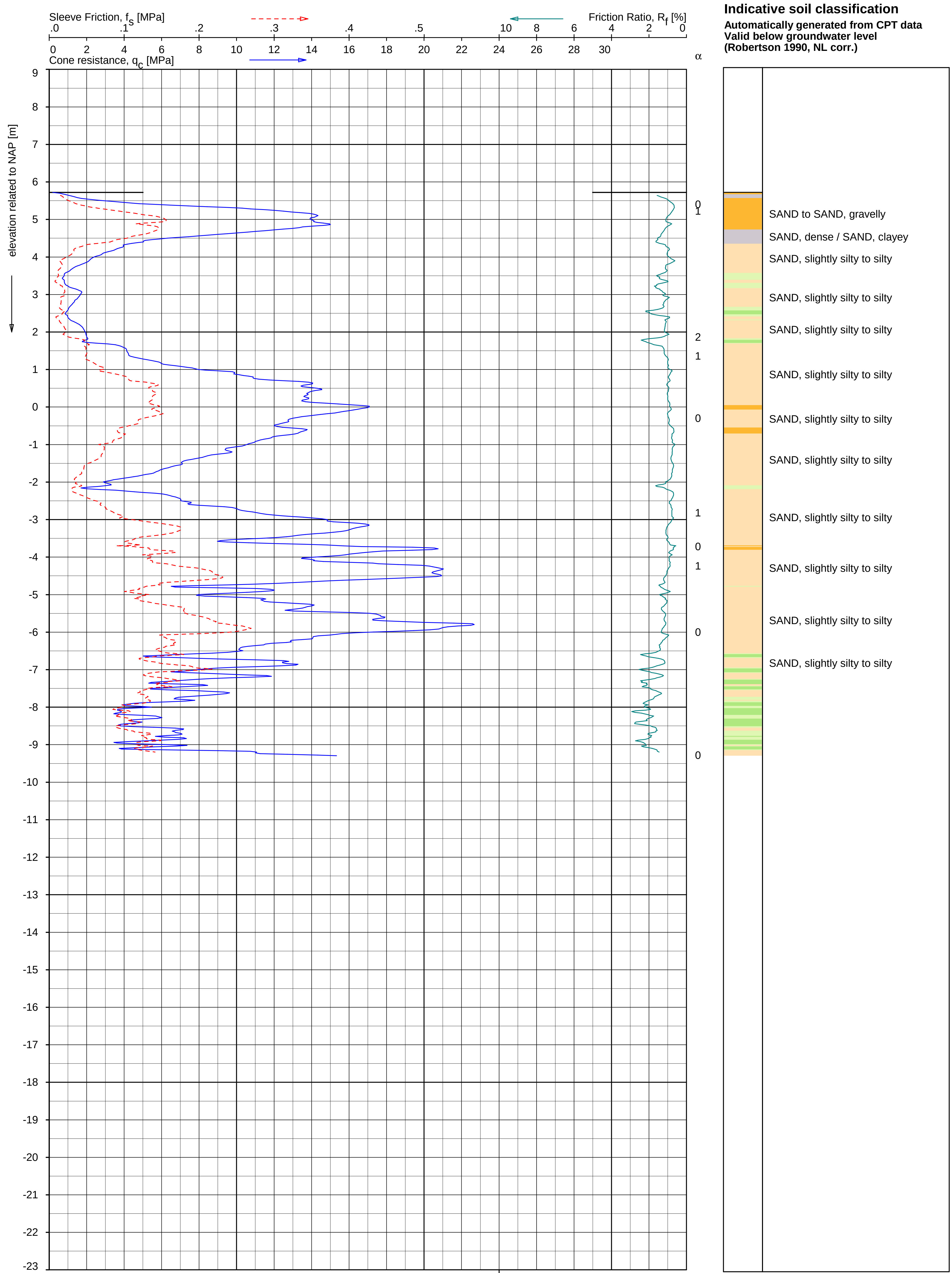
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT028

1018-0481-001

CPT028 - 1



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:56

1018-0481-001

CPT029 - 1

Rec.: GEV/ d.d. 09-Apr-2019
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019

Coord.: X= 66221.0 m Y= 443033.9 m
GL = NAP +5.72 m Cone: CP15-CF75SN2

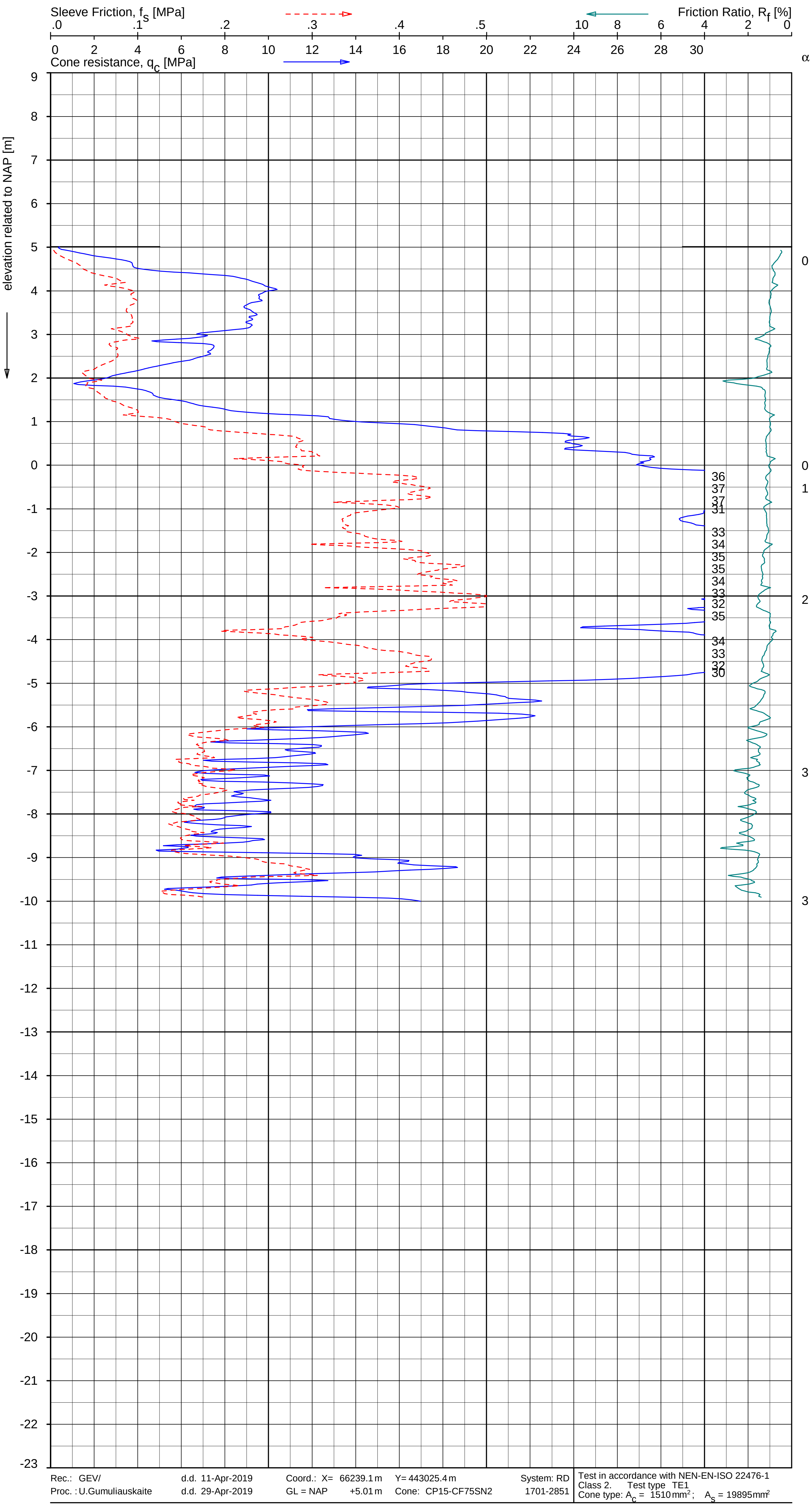
System: RD 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

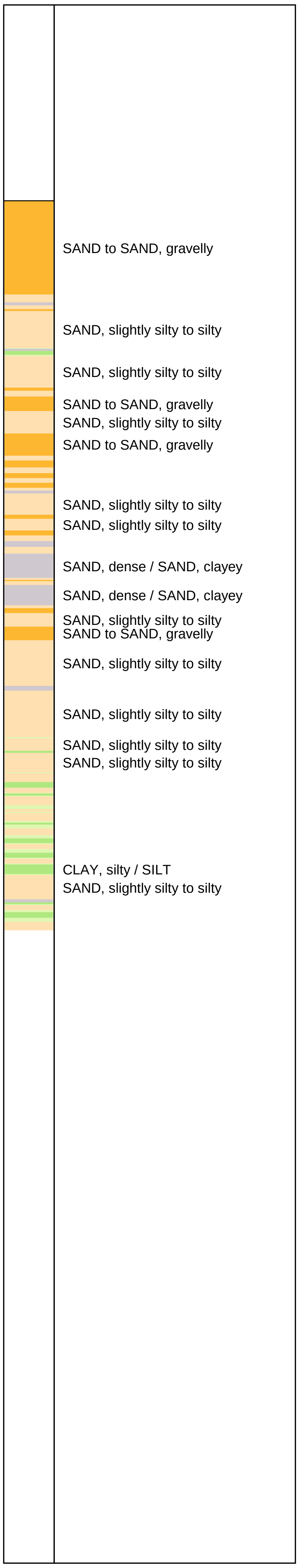
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT029



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:03

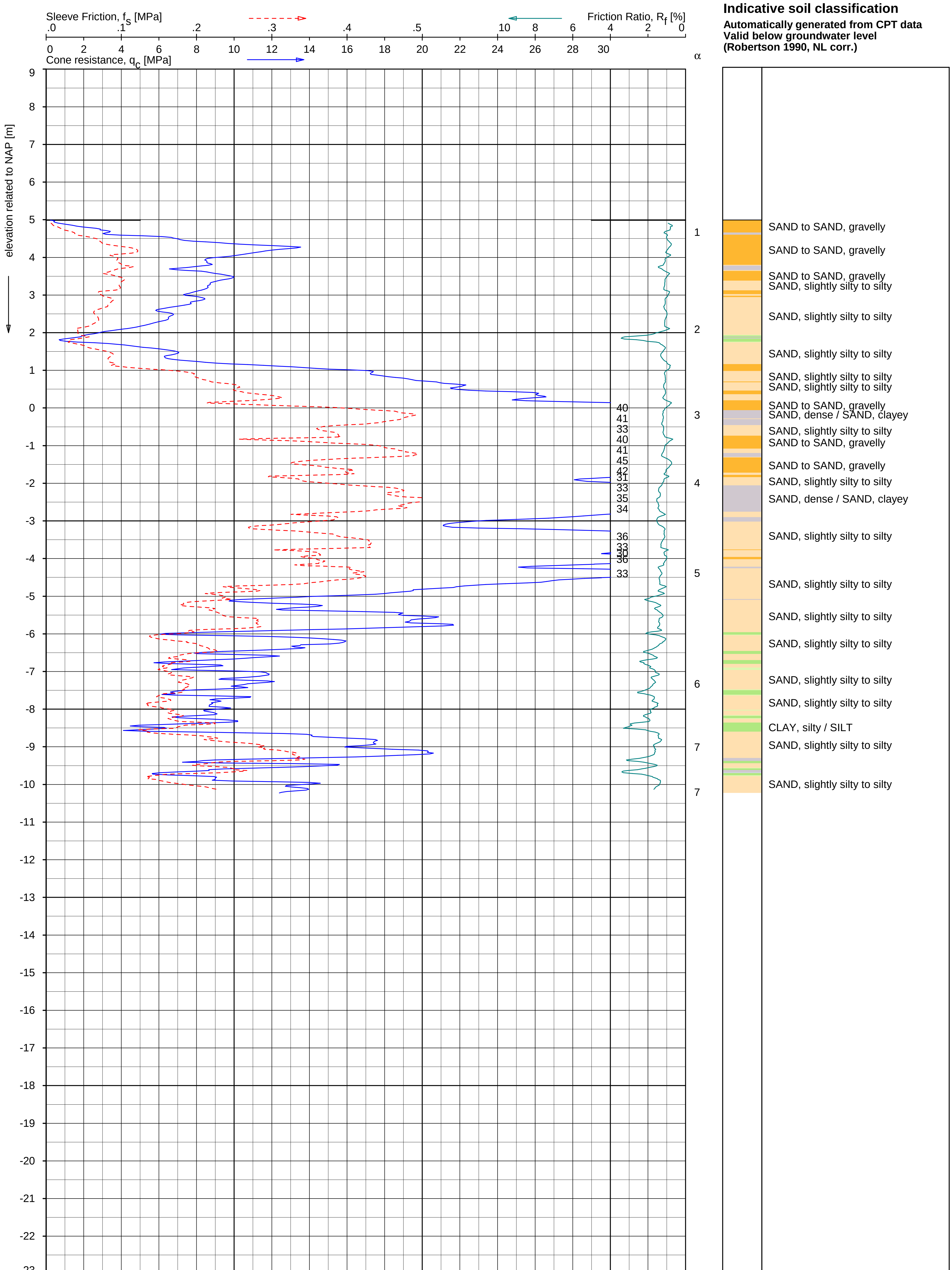
Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66239.1 m	Y= 443025.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.01 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT030

1018-0481-001



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:09

1018-0481-001

Rec.: GEV/ d.d. 11-Apr-2019 Coord.: X= 66257.2 m Y= 443017.0 m System: RD Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.99 m Cone: CP15-CF75SN2 1701-2851 Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

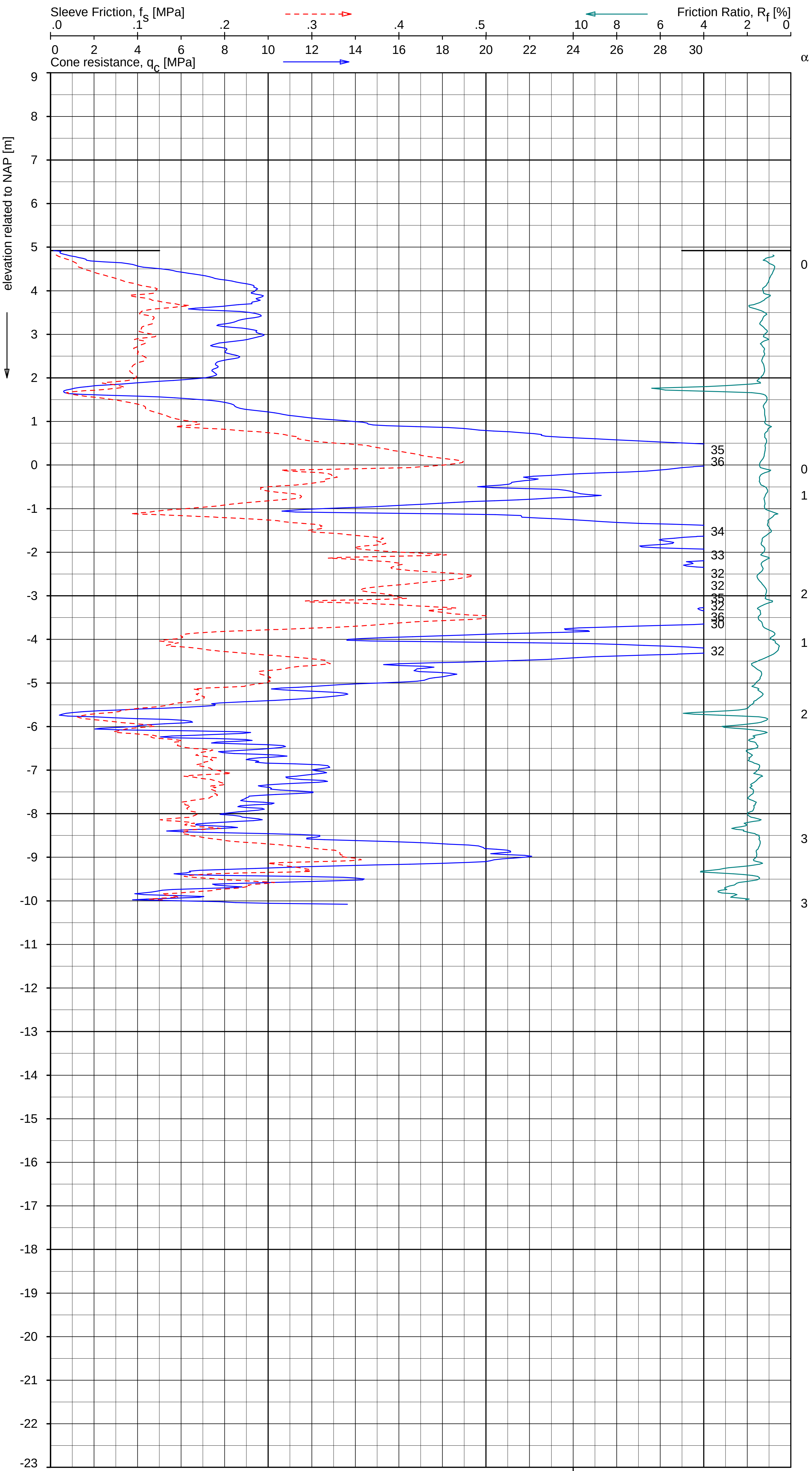
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT031

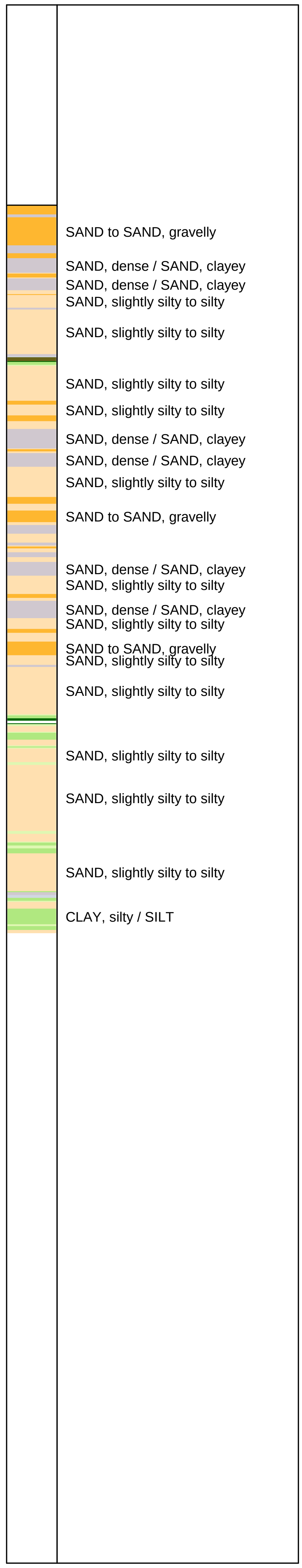
CPT031 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:51:42



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

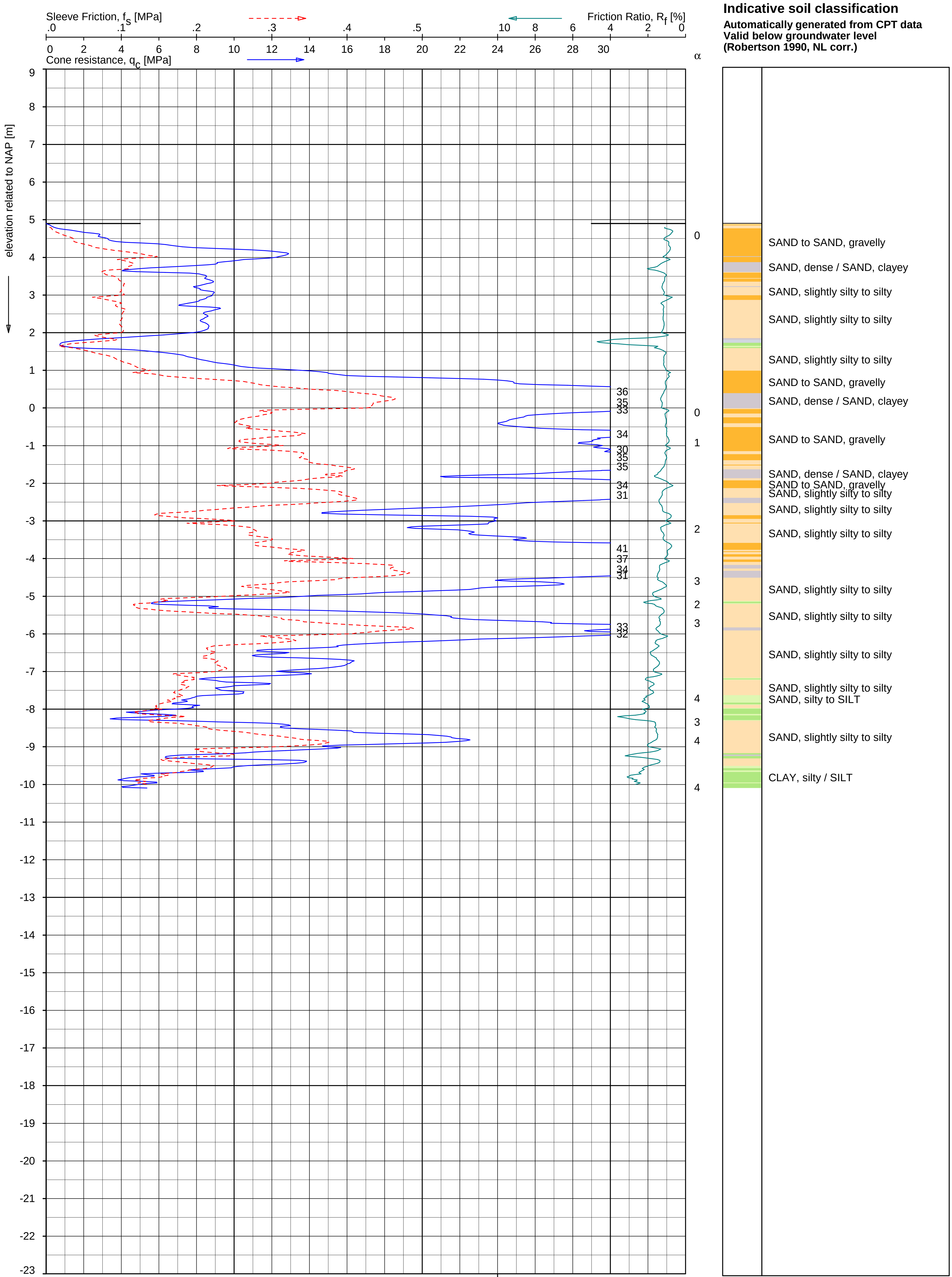


Rec.: CV/	d.d. 15-Apr-2019	Coord.: X= 66275.3 m	Y= 443008.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.92 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT032



Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66293.4 m	Y= 443000.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.90 m	Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

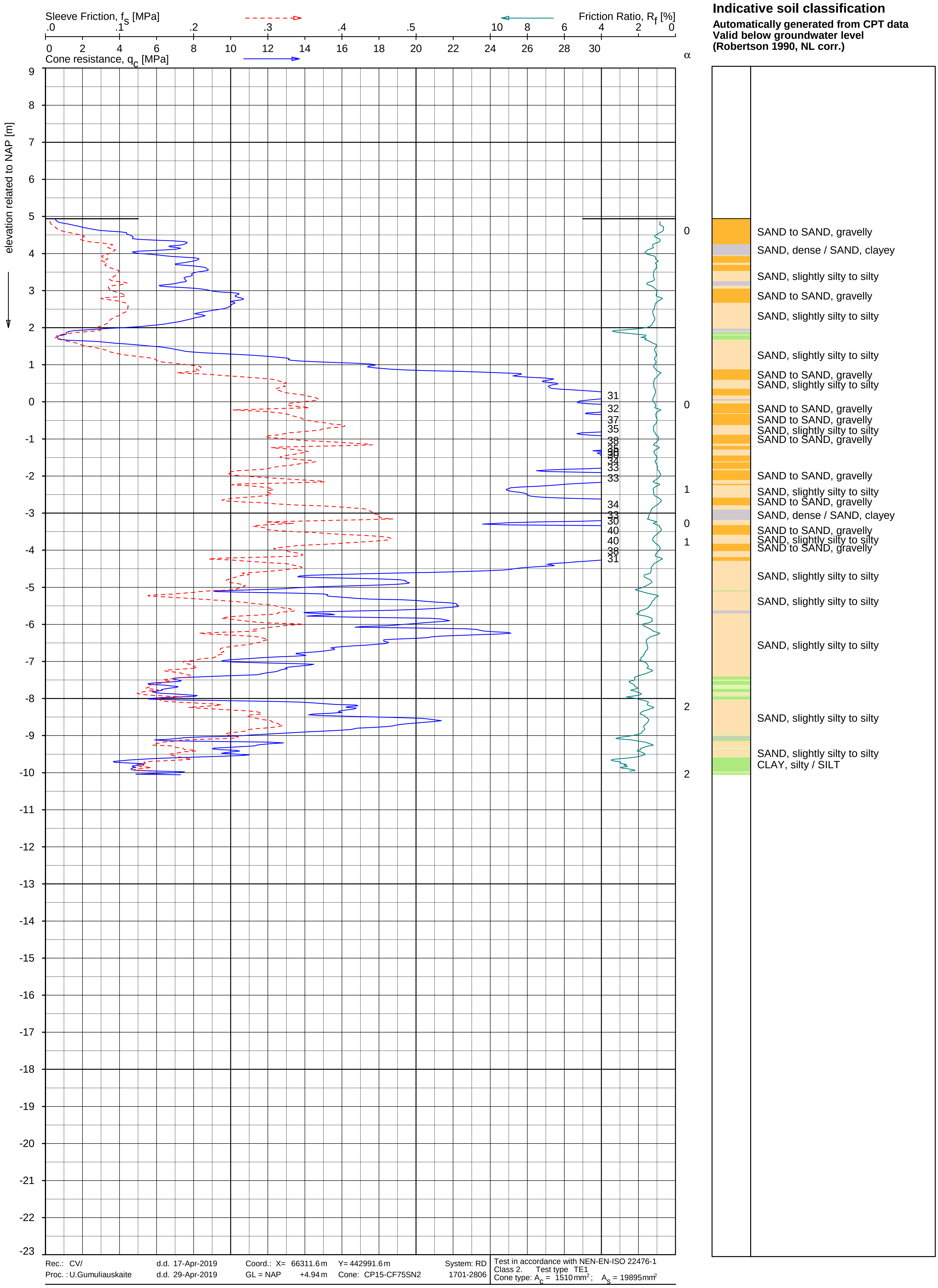
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT033

Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/ d.d. 17-Apr-2019 Coord.: X= 66311.6 m Y= 442991.6 m System: RD

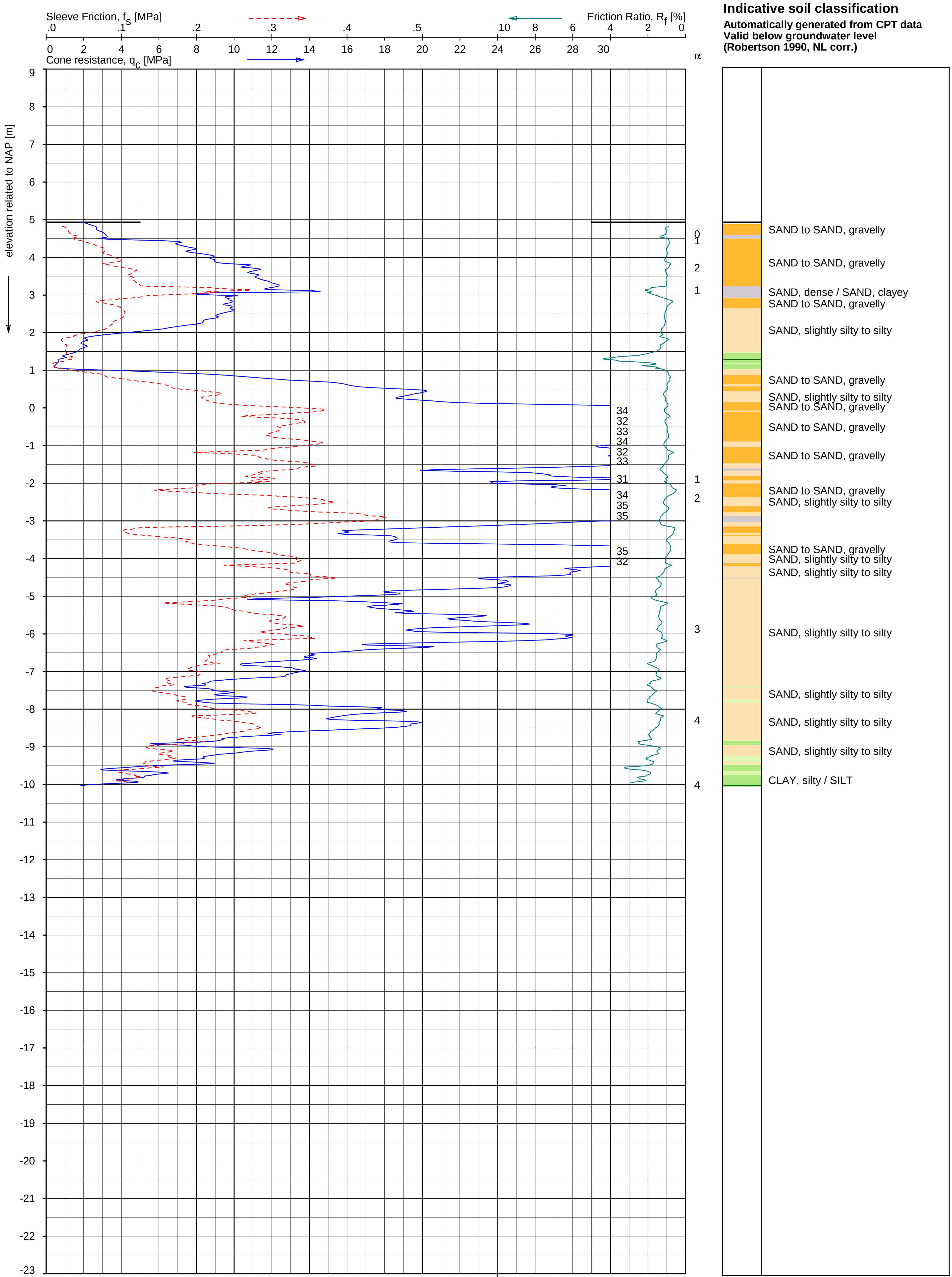
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT034



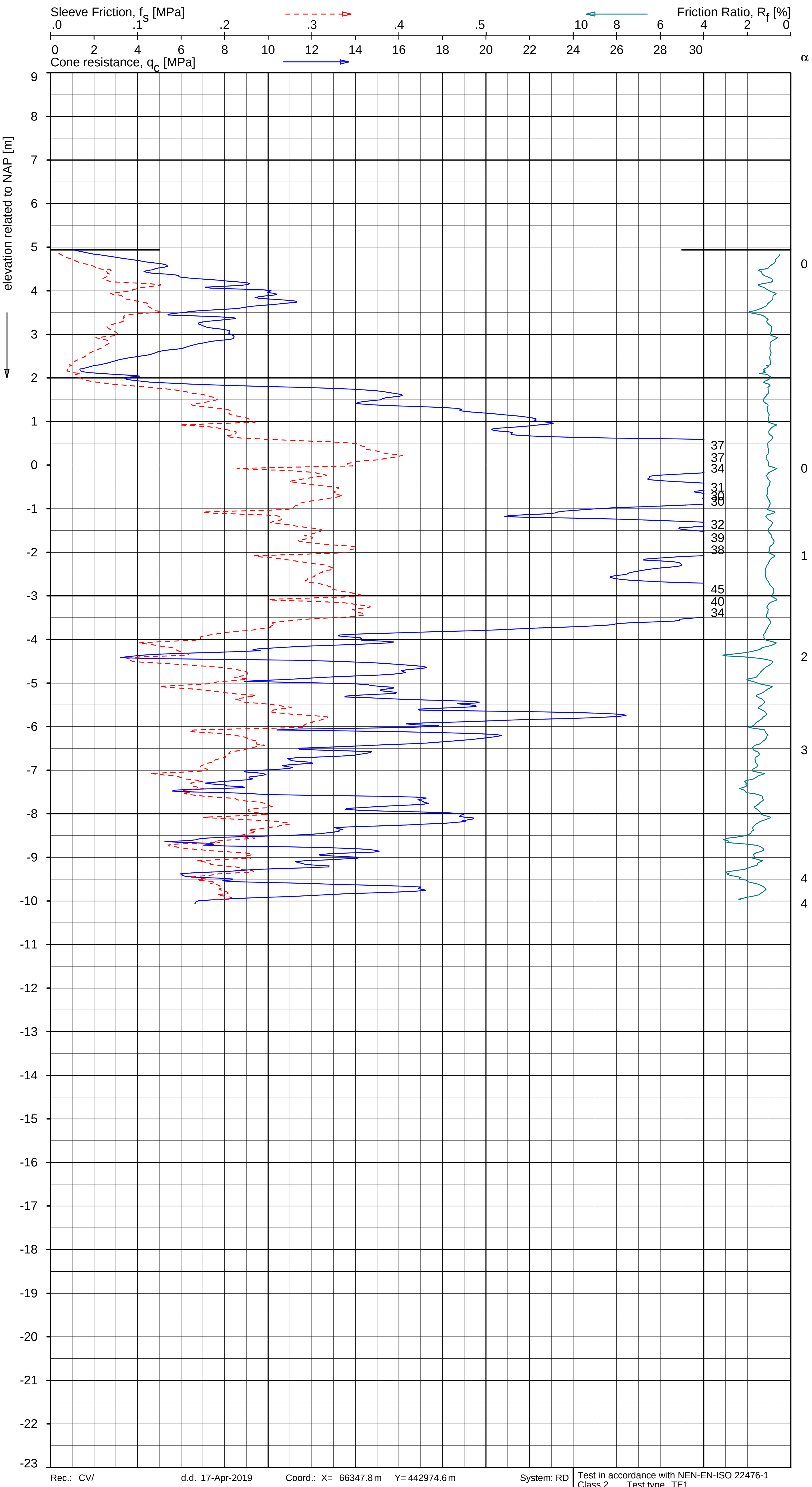
Rec.: CV/ Proc. : U.Gumuliauskaite	d.d. 17-Apr-2019 d.d. 02-May-2019	Coord.: X= 66329.7 m Y= 442983.1 m GL = NAP +4.94 m Cone: CP15-CF75SN2	System: RD 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

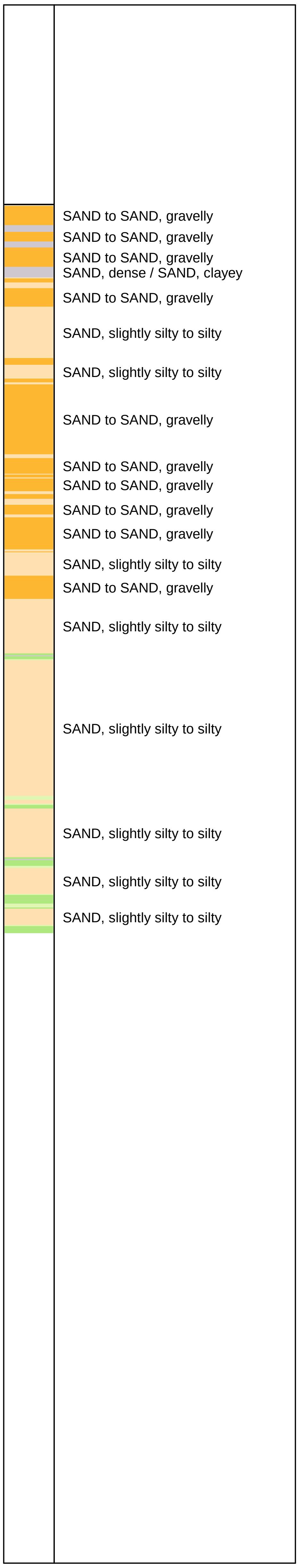
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT035



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:07

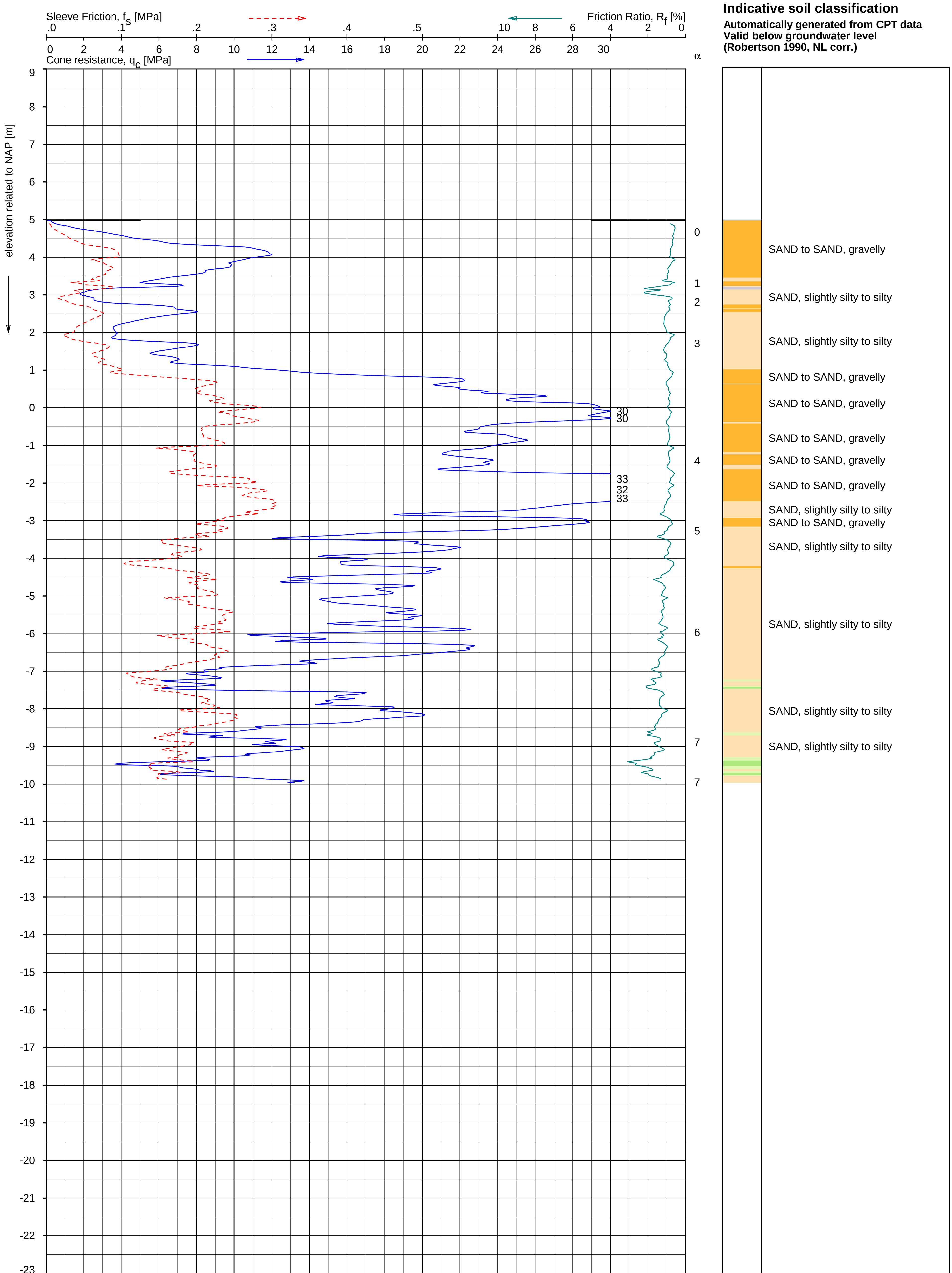
Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66347.8 m	Y= 442974.6 m	System: RD
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.94 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT036

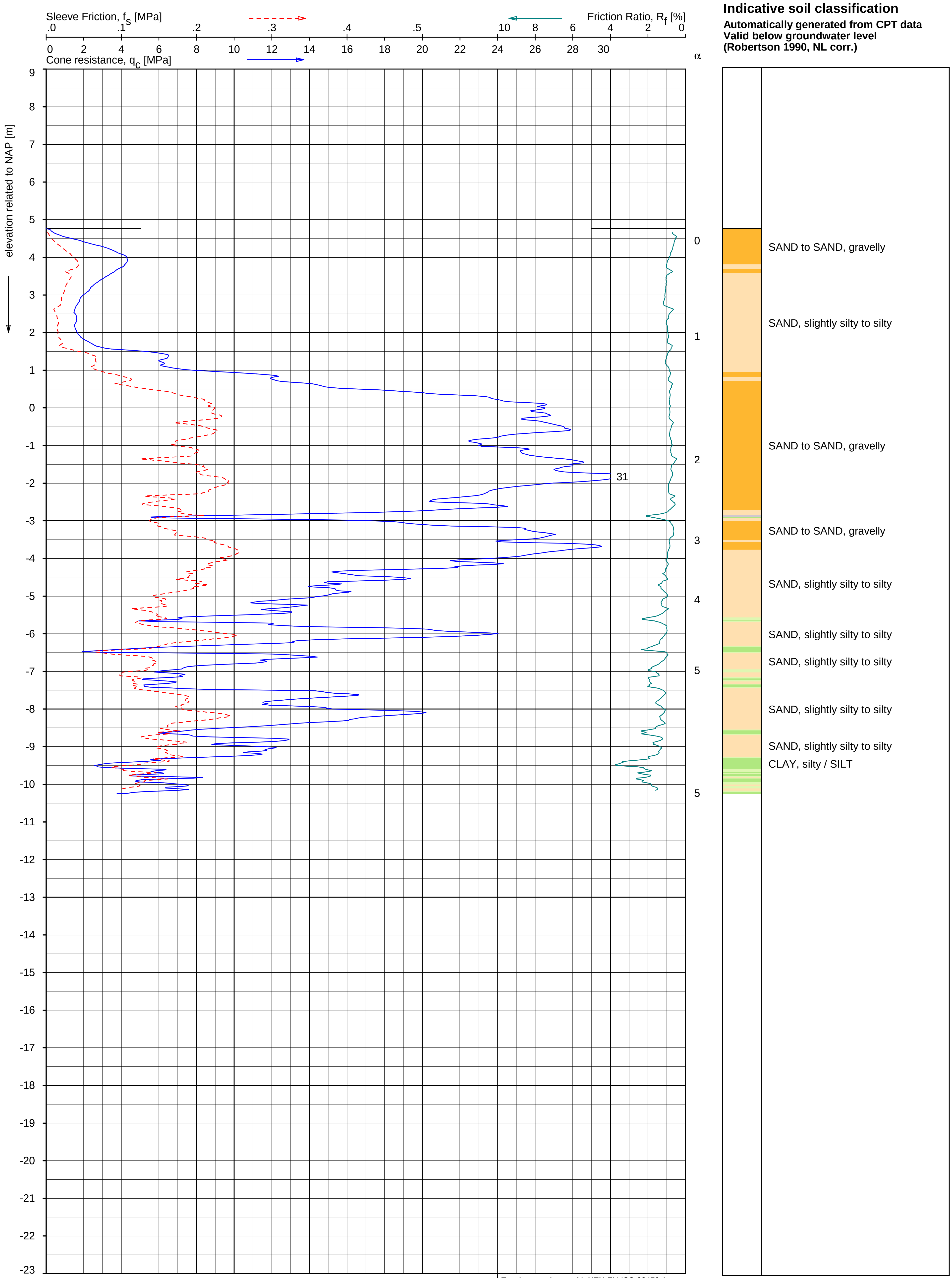


Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66365.9 m Y= 442966.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT037

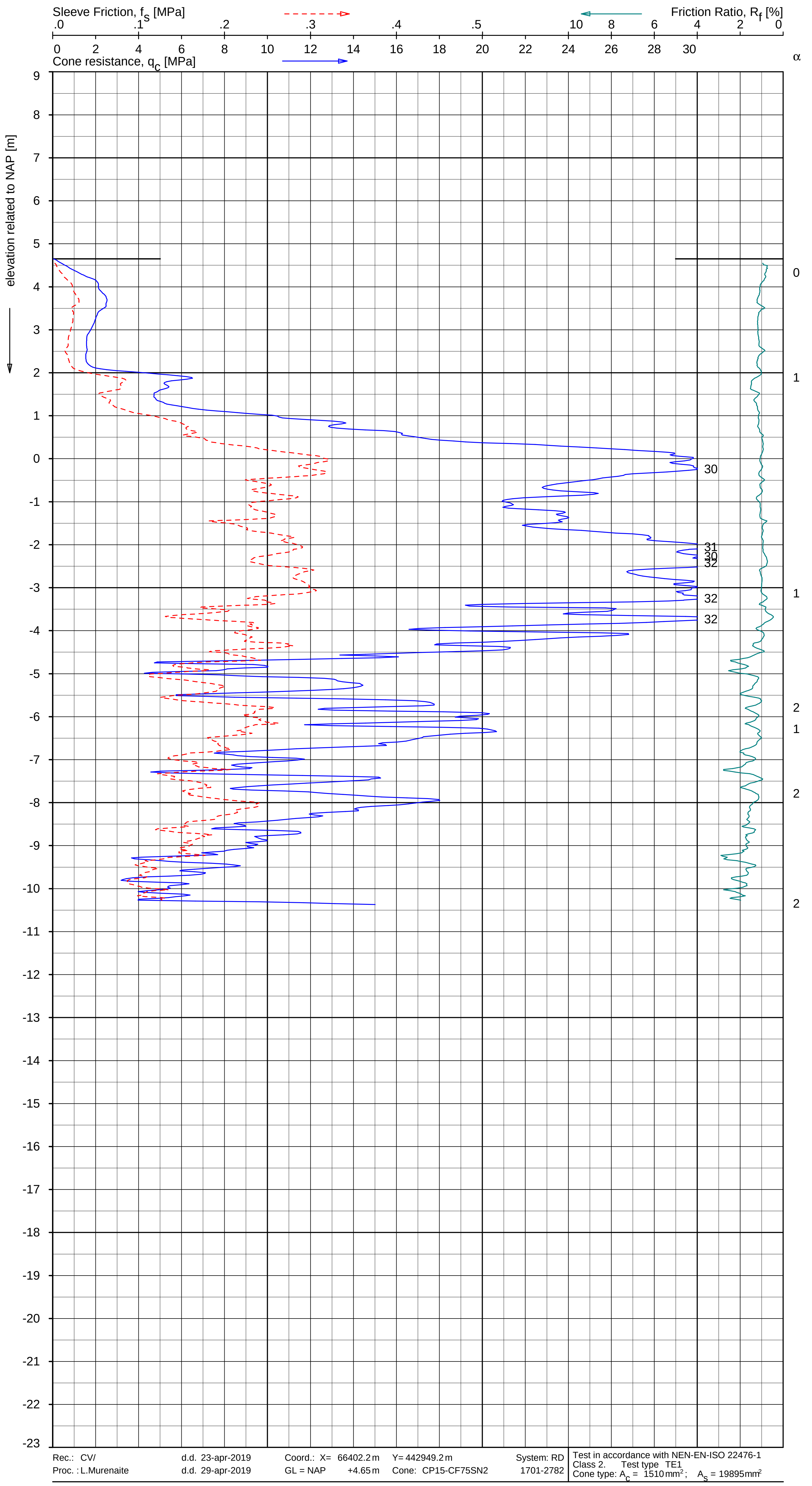


Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66384.0 m	Y= 442957.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.76 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT038



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: CV/	d.d. 23-apr-2019	Coord.: X= 66402.2 m Y= 442949.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.65 m Cone: CP15-CF75SN2	1701-2782	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

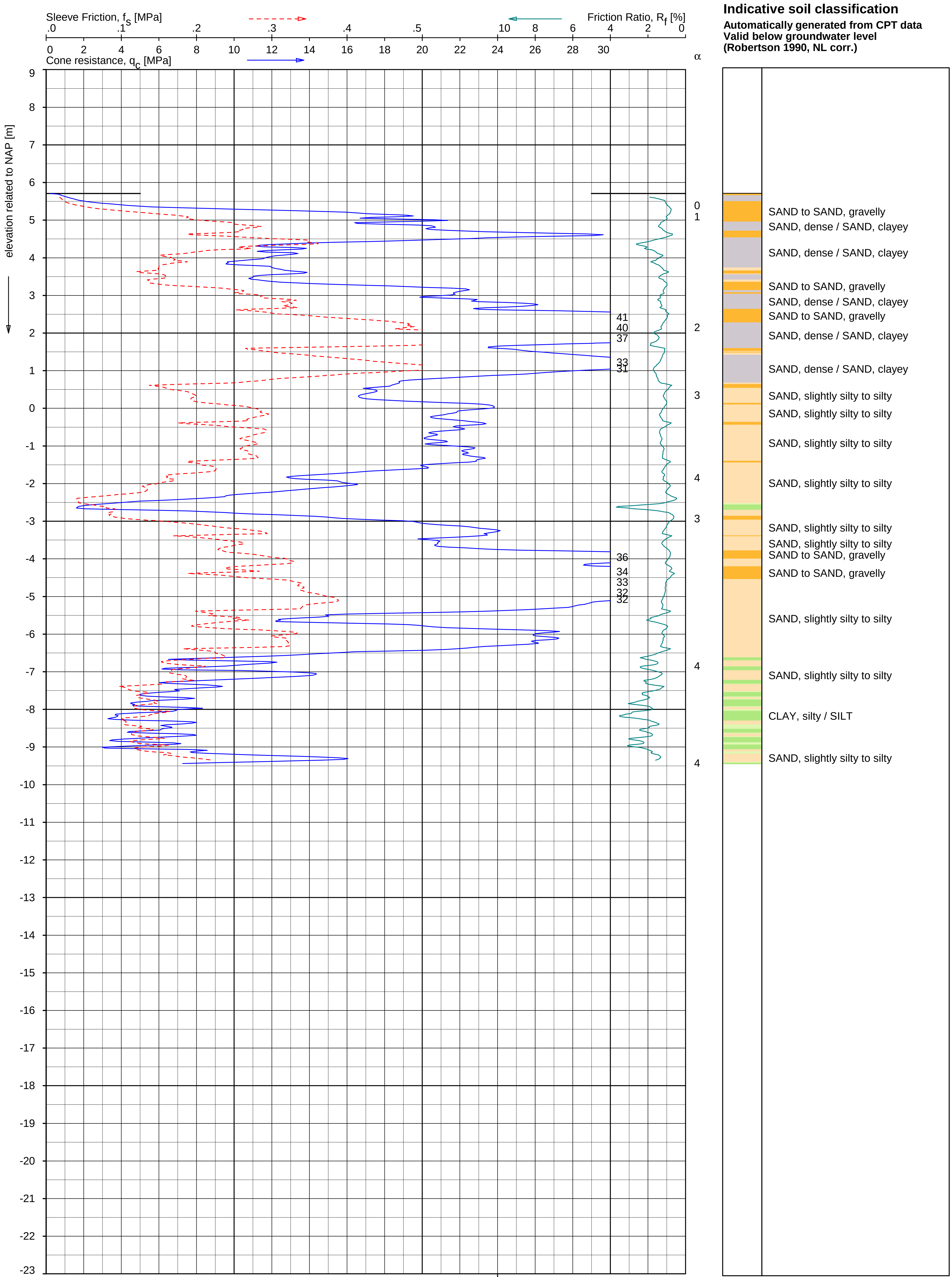
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT039

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:19

1018-0481-001

CPT039 - 1

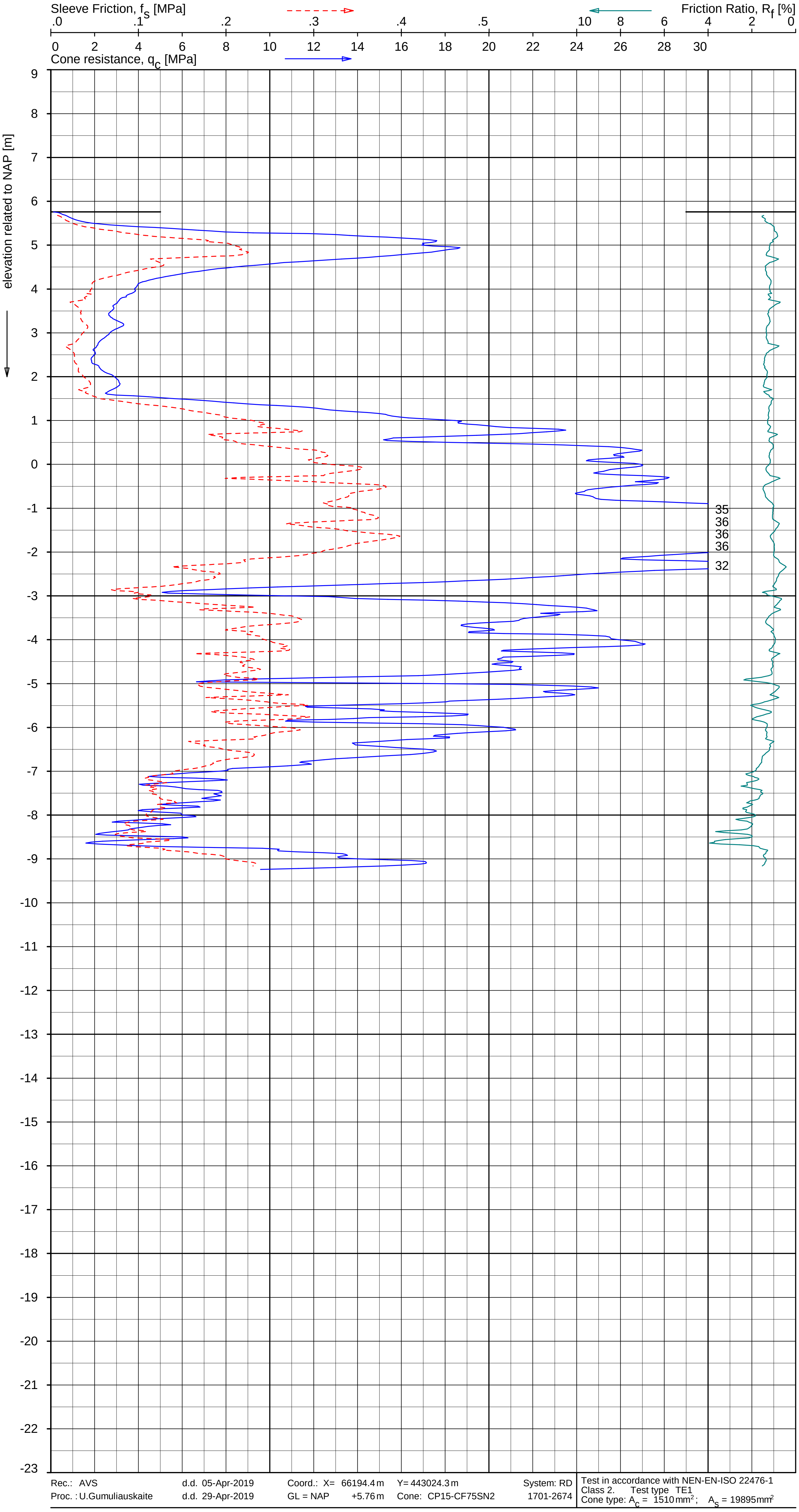


Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66176.3 m Y= 443032.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.71 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

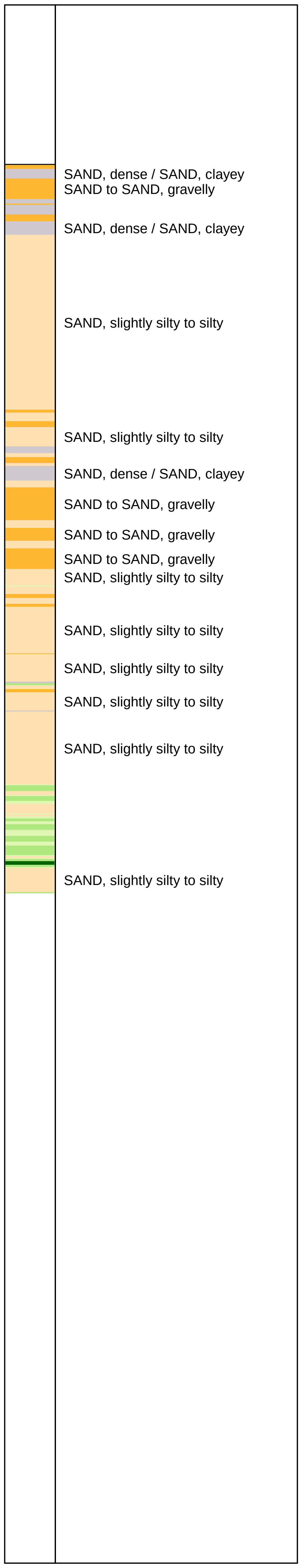
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT040



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



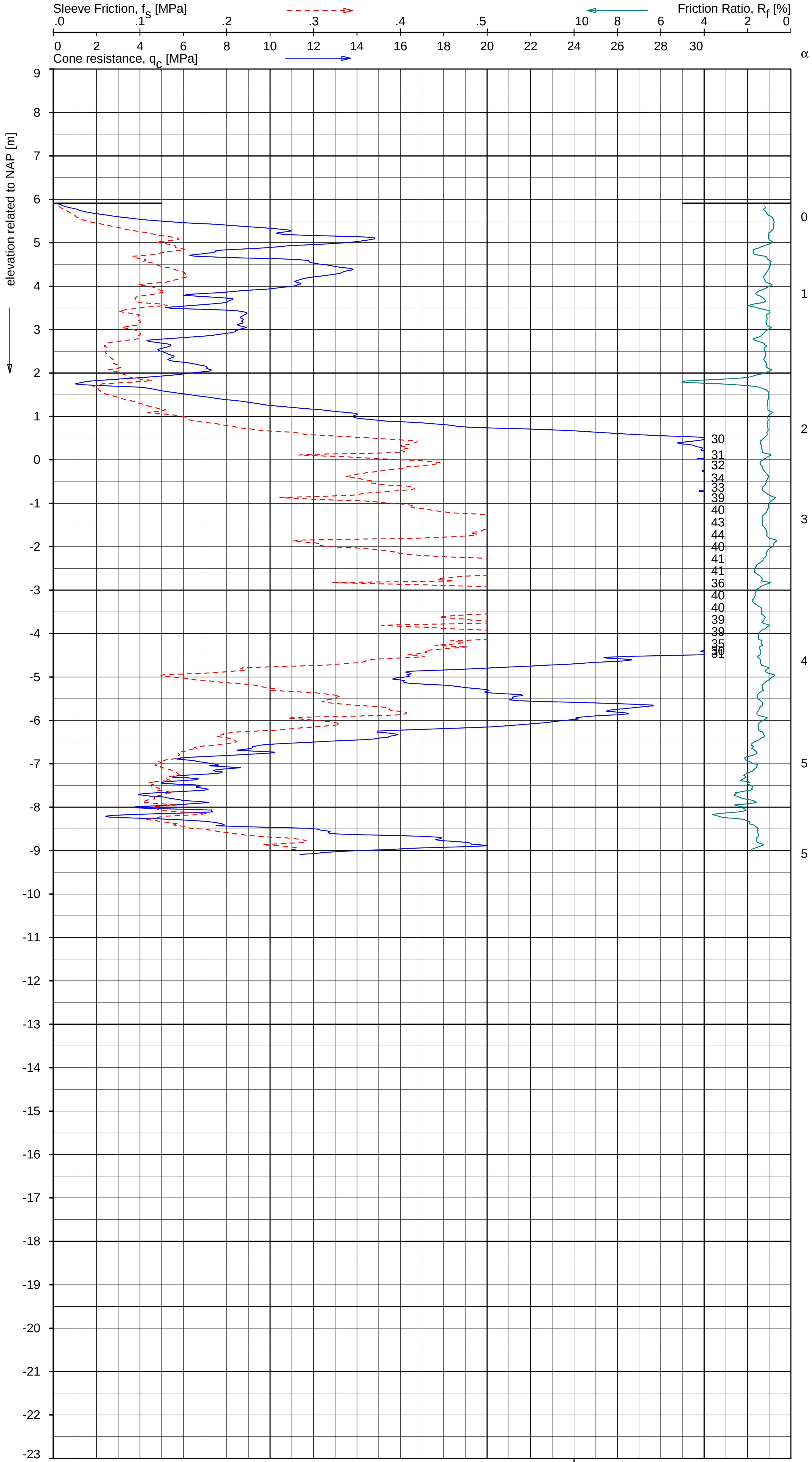
Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66194.4 m Y= 443024.3 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.76 m Cone: CP15-CF75SN2	1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

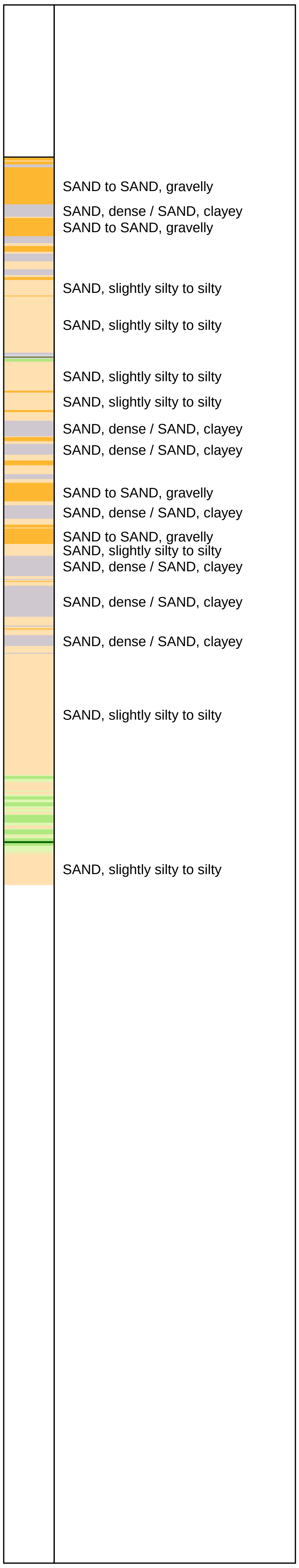
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT041



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

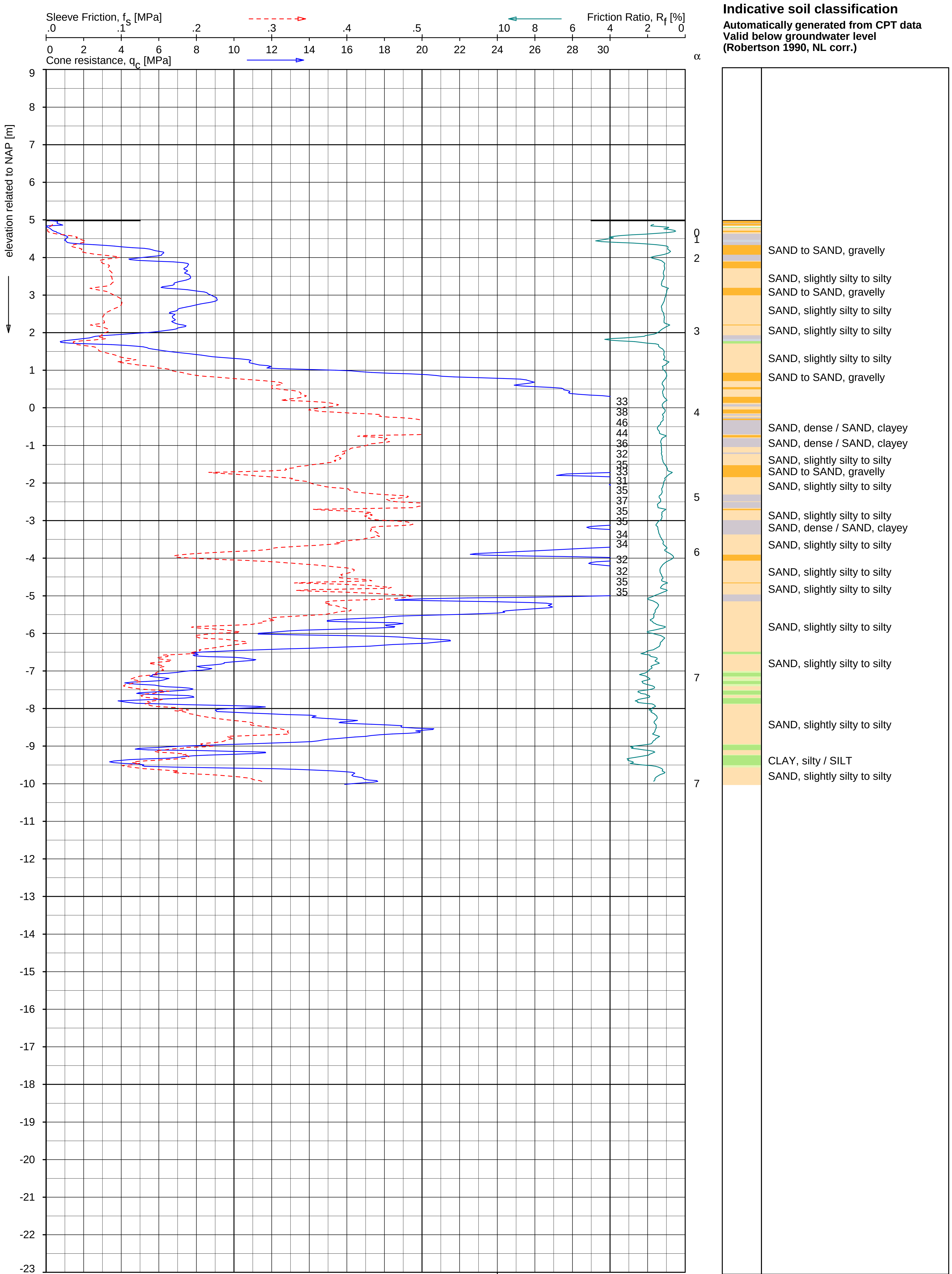


Rec.: GEV/	d.d. 09-Apr-2019	Coord.: X= 66212.5 m	Y= 443015.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.91 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT042



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:51:07

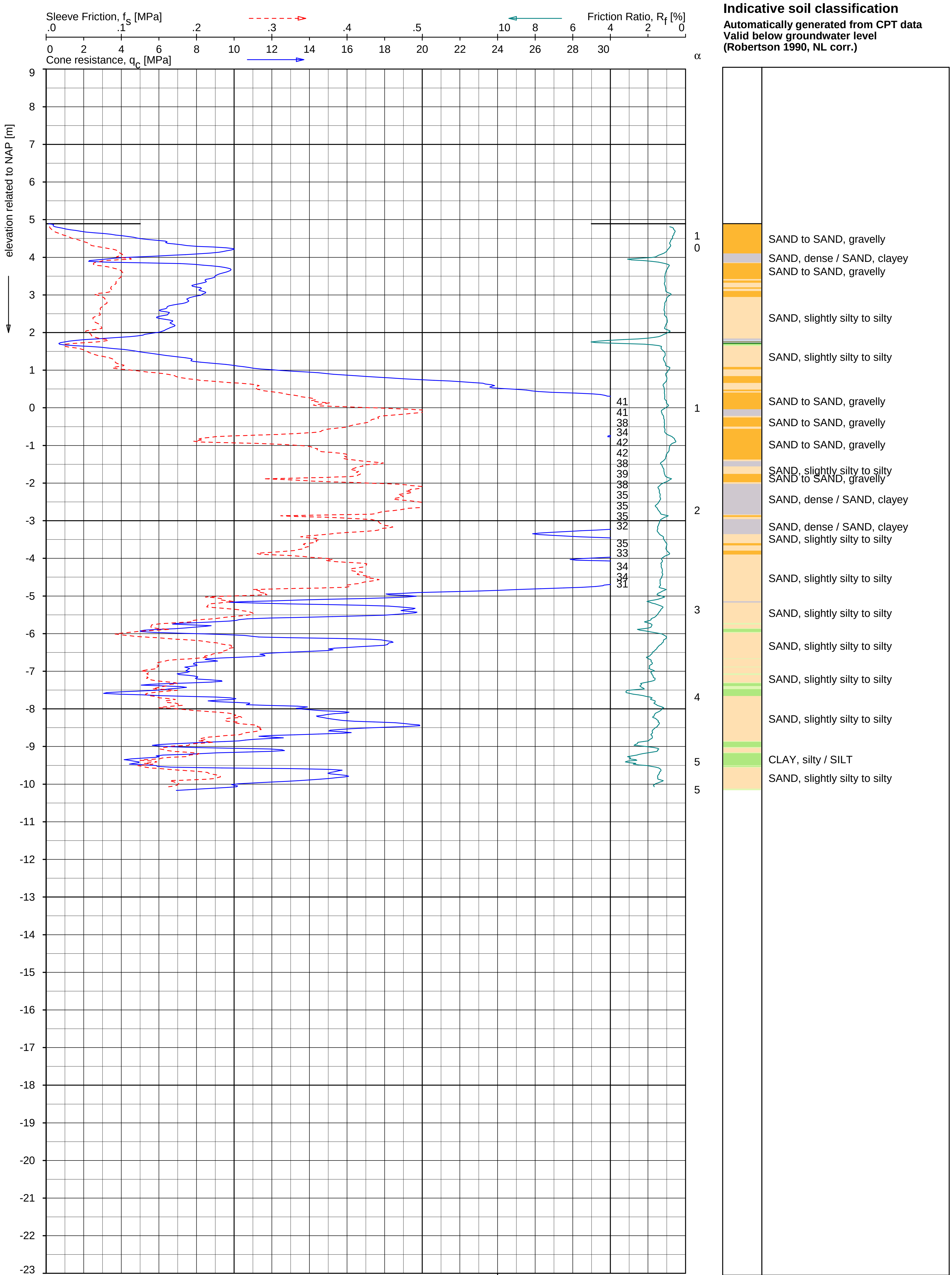
Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66230.6 m	Y= 443007.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.98 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT043

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:39



Rec.: GEV/ d.d. 11-Apr-2019 Coord.: X= 66248.7 m Y= 442998.9 m System: RD

Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.89 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

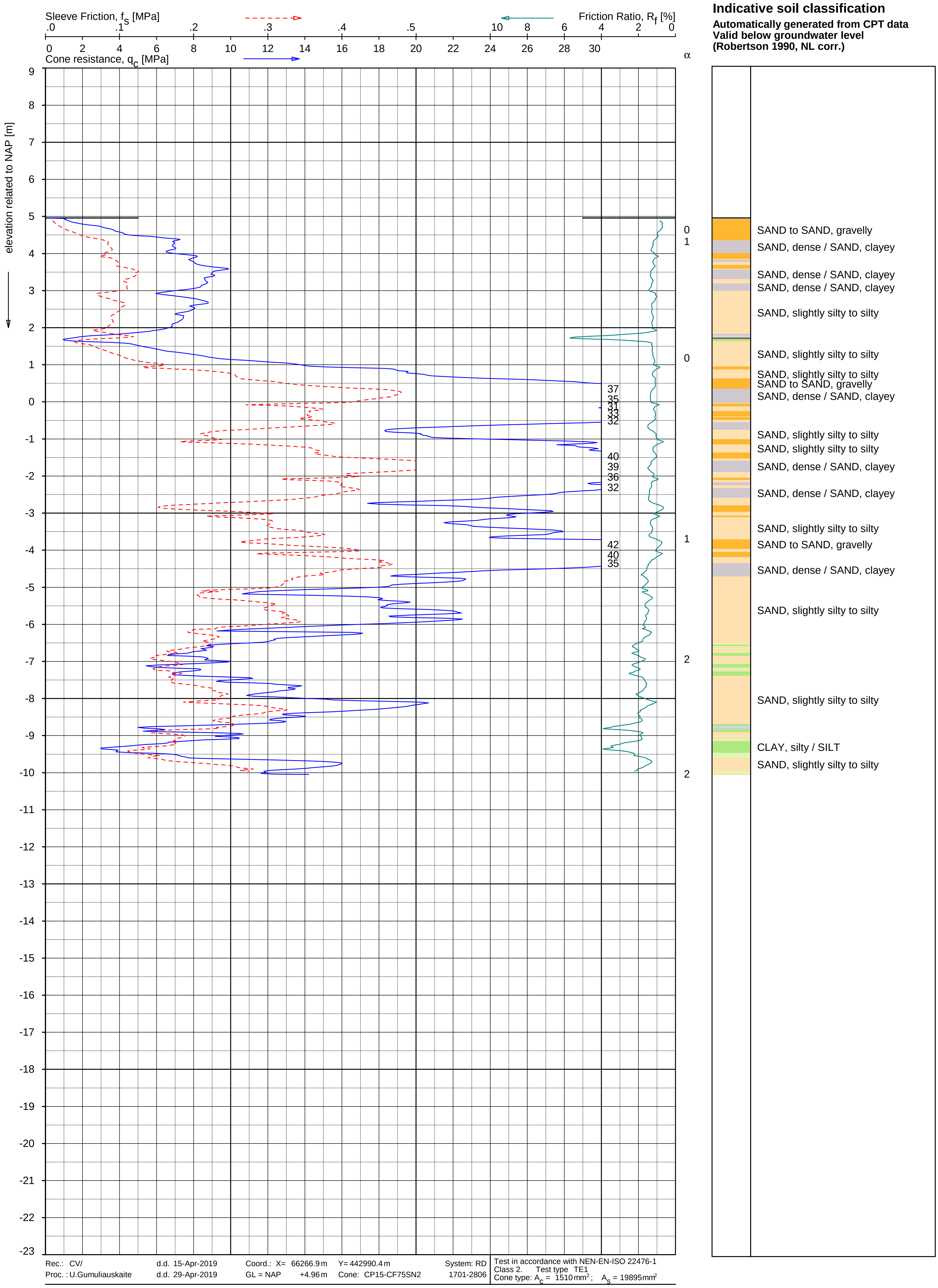
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT044

1018-0481-001

CPT044 - 1



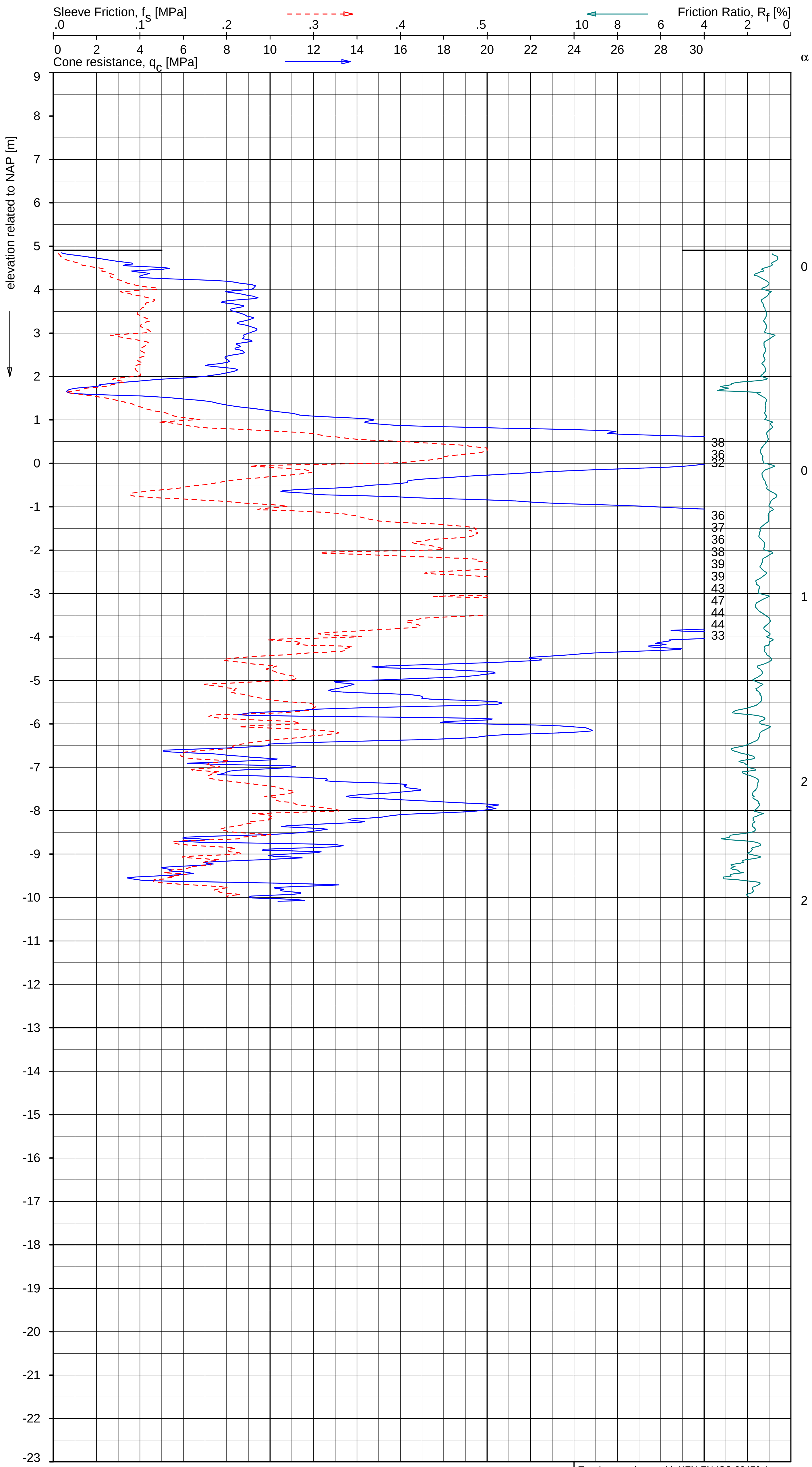
Rec.: CV/	d.d. 15-Apr-2019	Coord.: X= 66266.9 m	Y= 442990.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

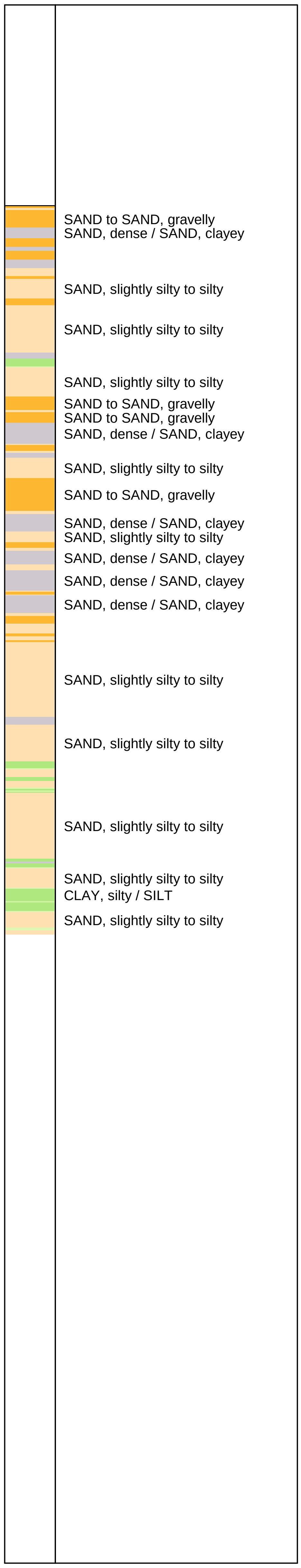
Proj. 1018-0481-001
Cpt CPT045

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:33



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66285.0 m	Y= 442981.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.91 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

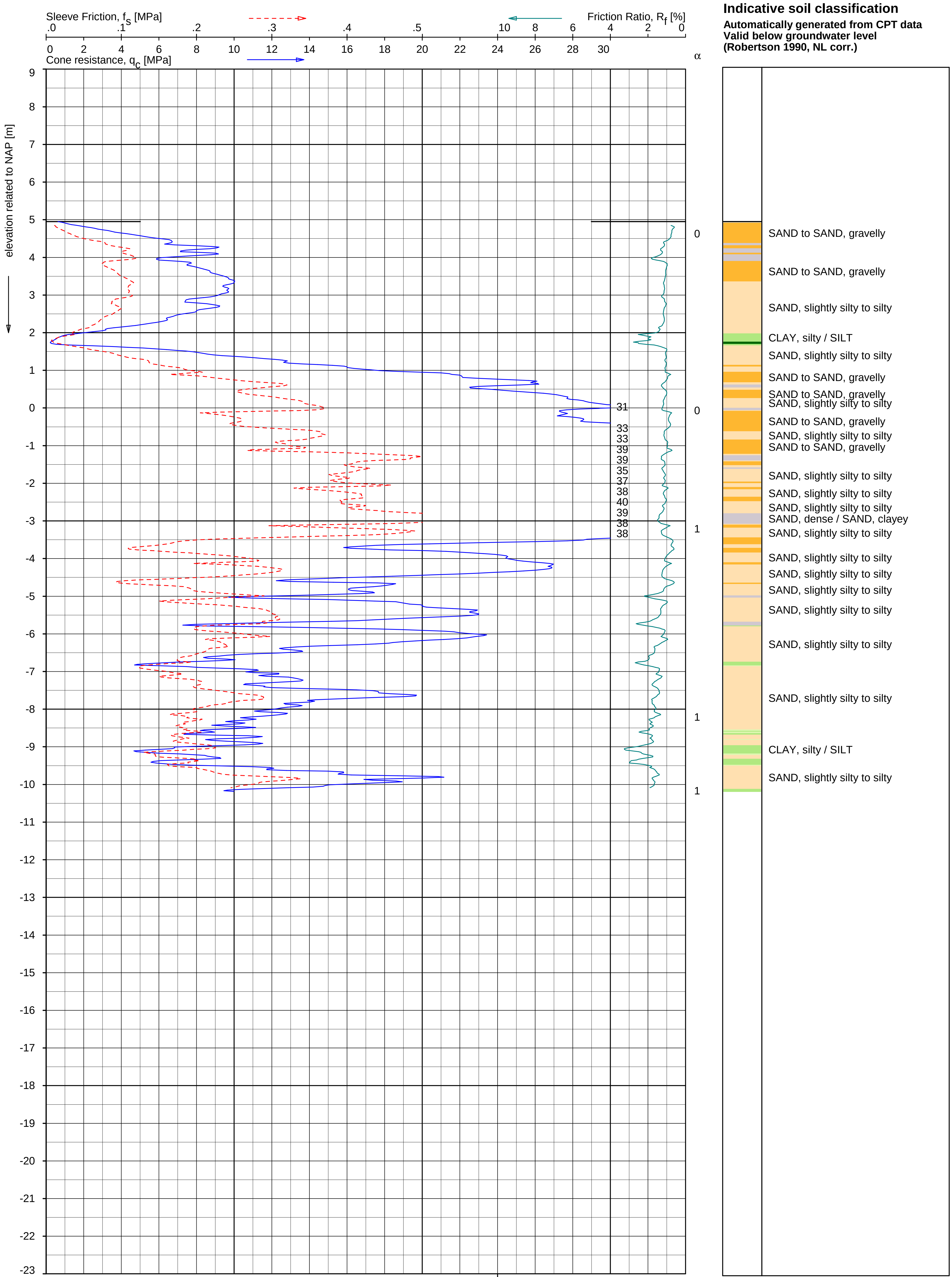
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT046

1018-0481-001

CPT046 - 1



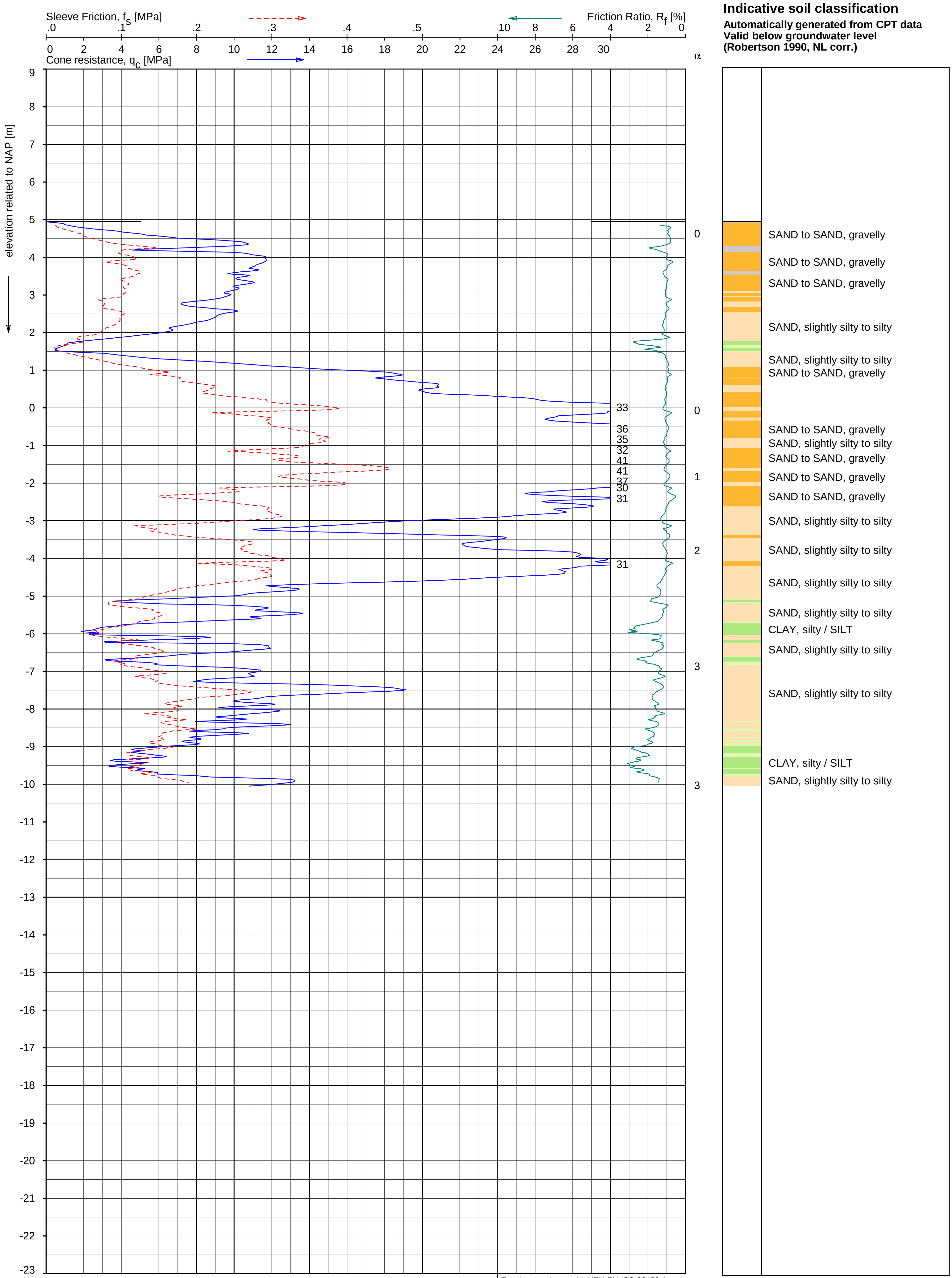
Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66303.1 m	Y= 442973.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.95 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT047

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-02 09:42:24



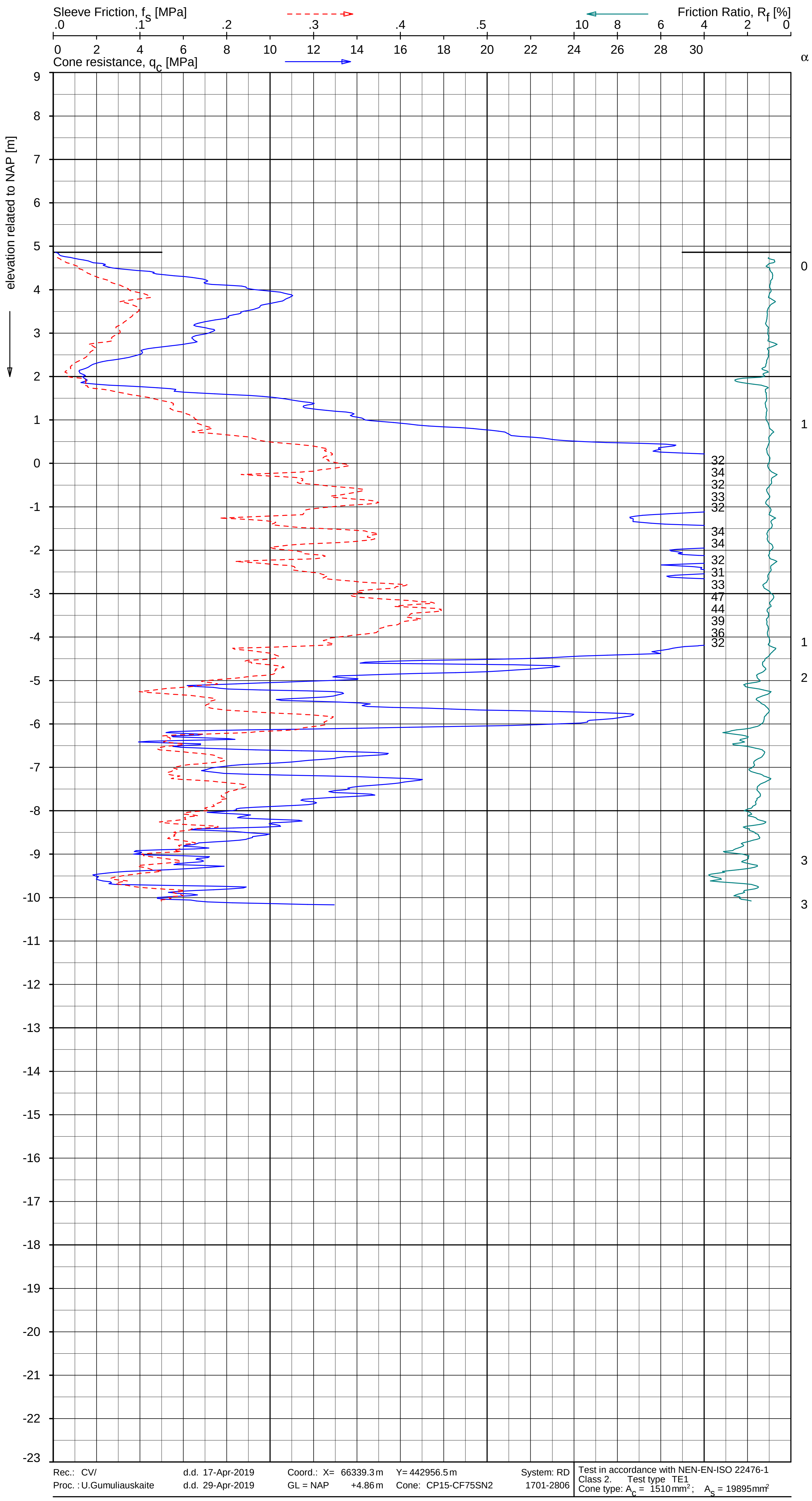
1018-0481-001

Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66321.2 m	Y= 442965.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 02-May-2019	GL = NAP +4.95 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

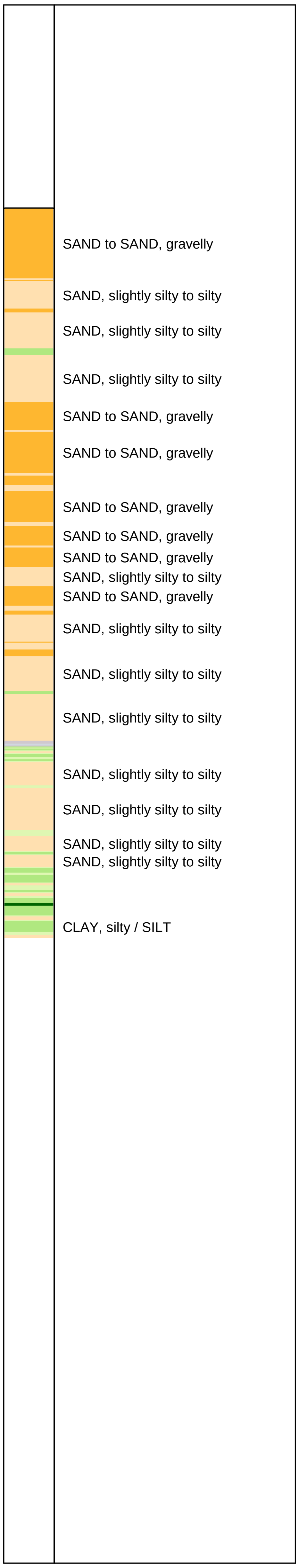
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT048



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66339.3 m	Y= 442956.5 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.86 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

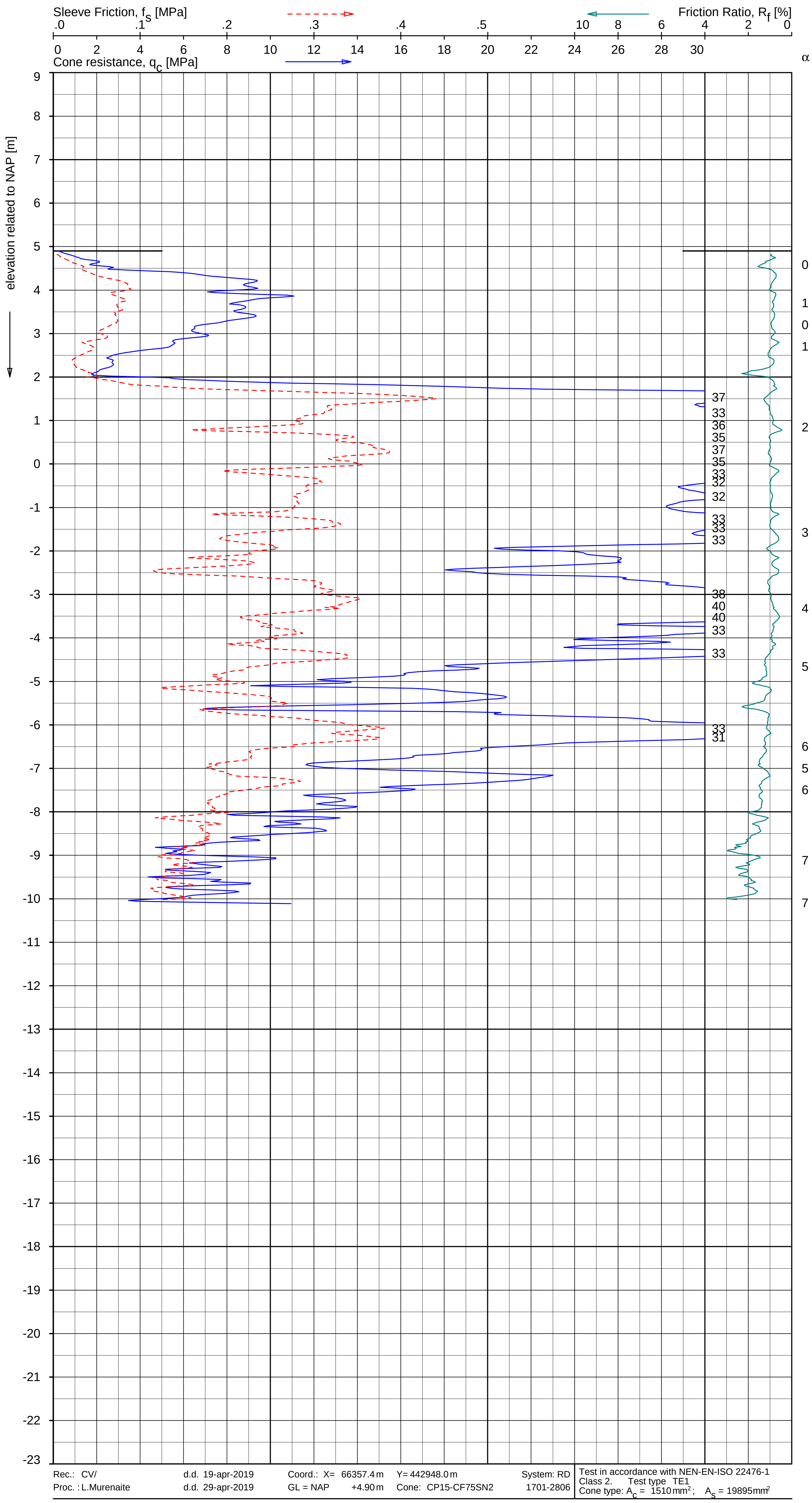
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT049

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:37

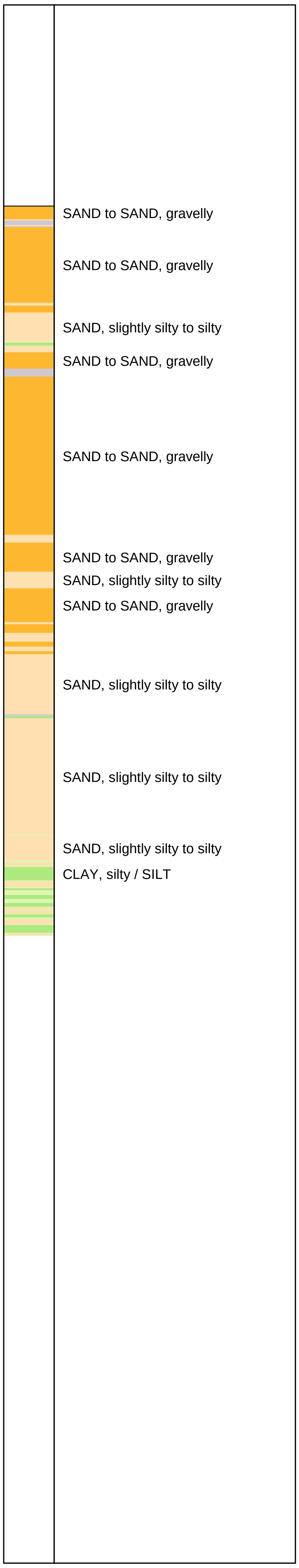
1018-0481-001

CPT049 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66357.4 m Y= 442948.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.90 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

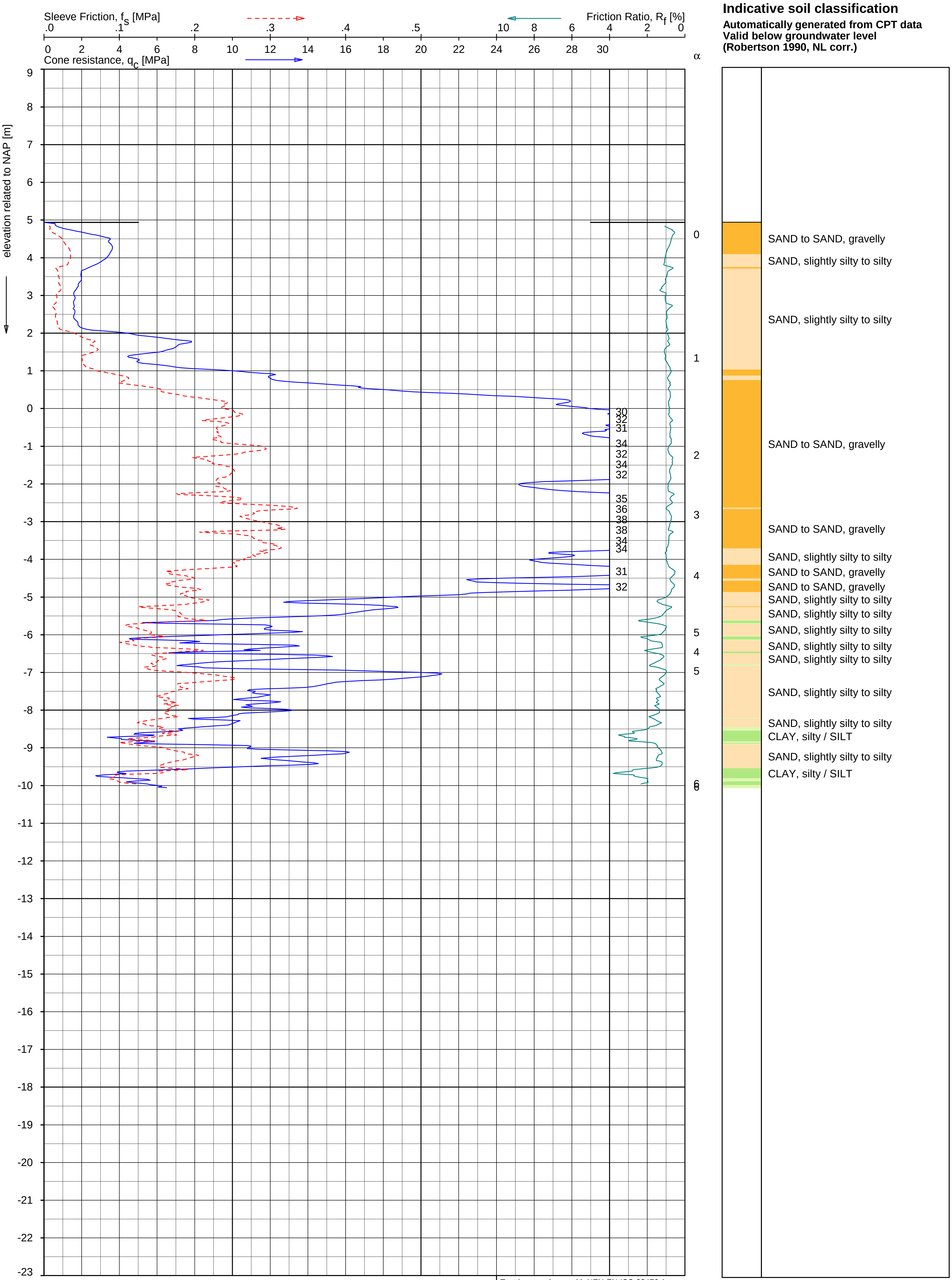
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT050

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:35:43

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:13

1018-0481-001



Rec.: CV/ d.d. 19-apr-2019 Coord.: X= 66375.6 m Y= 442939.6 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806

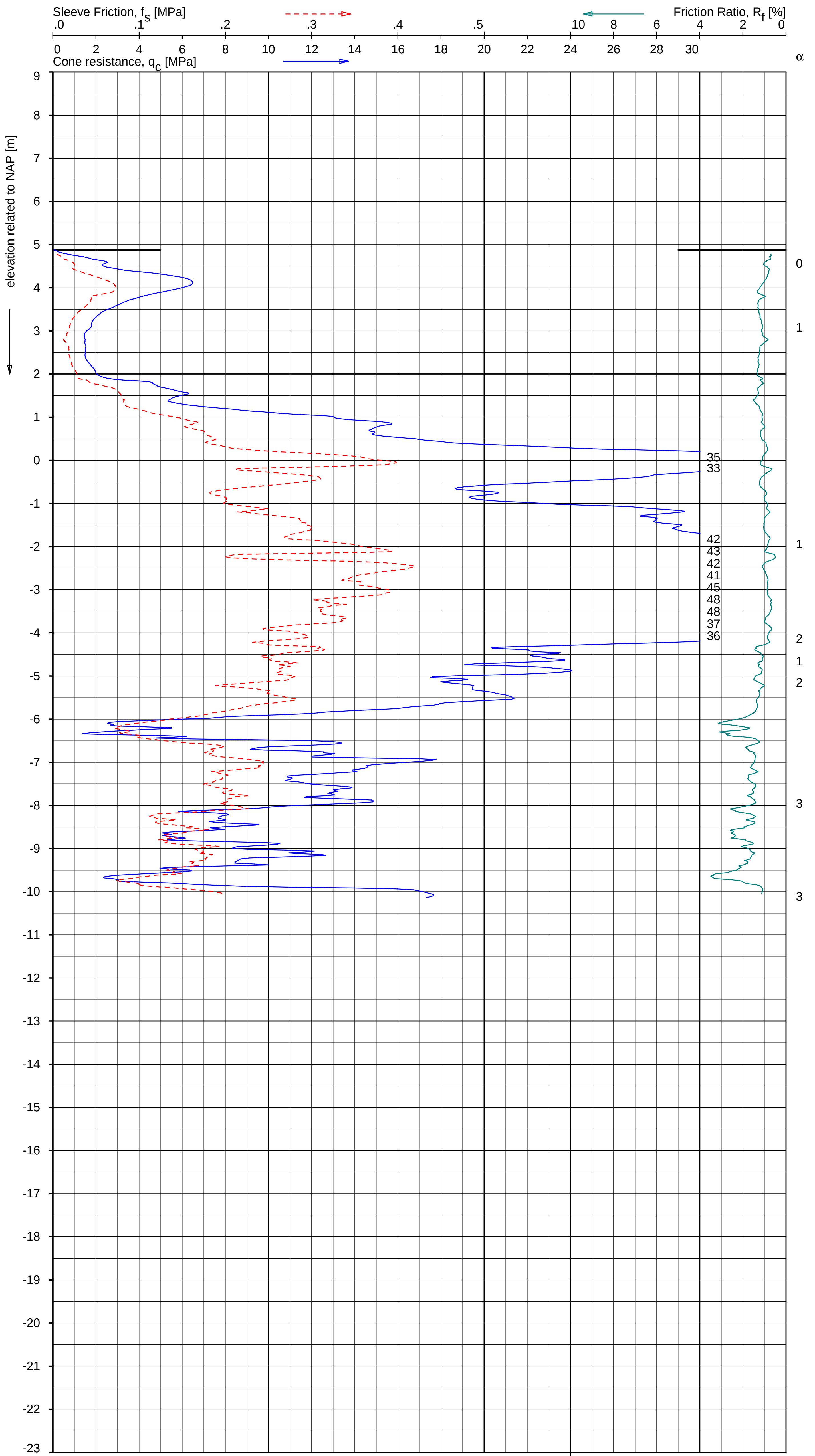
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

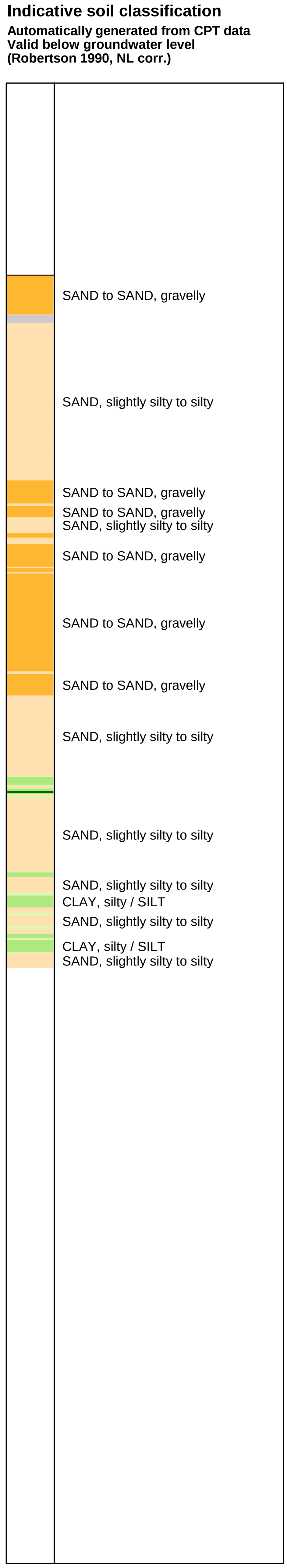
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT051

CPT051 - 1





UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:48

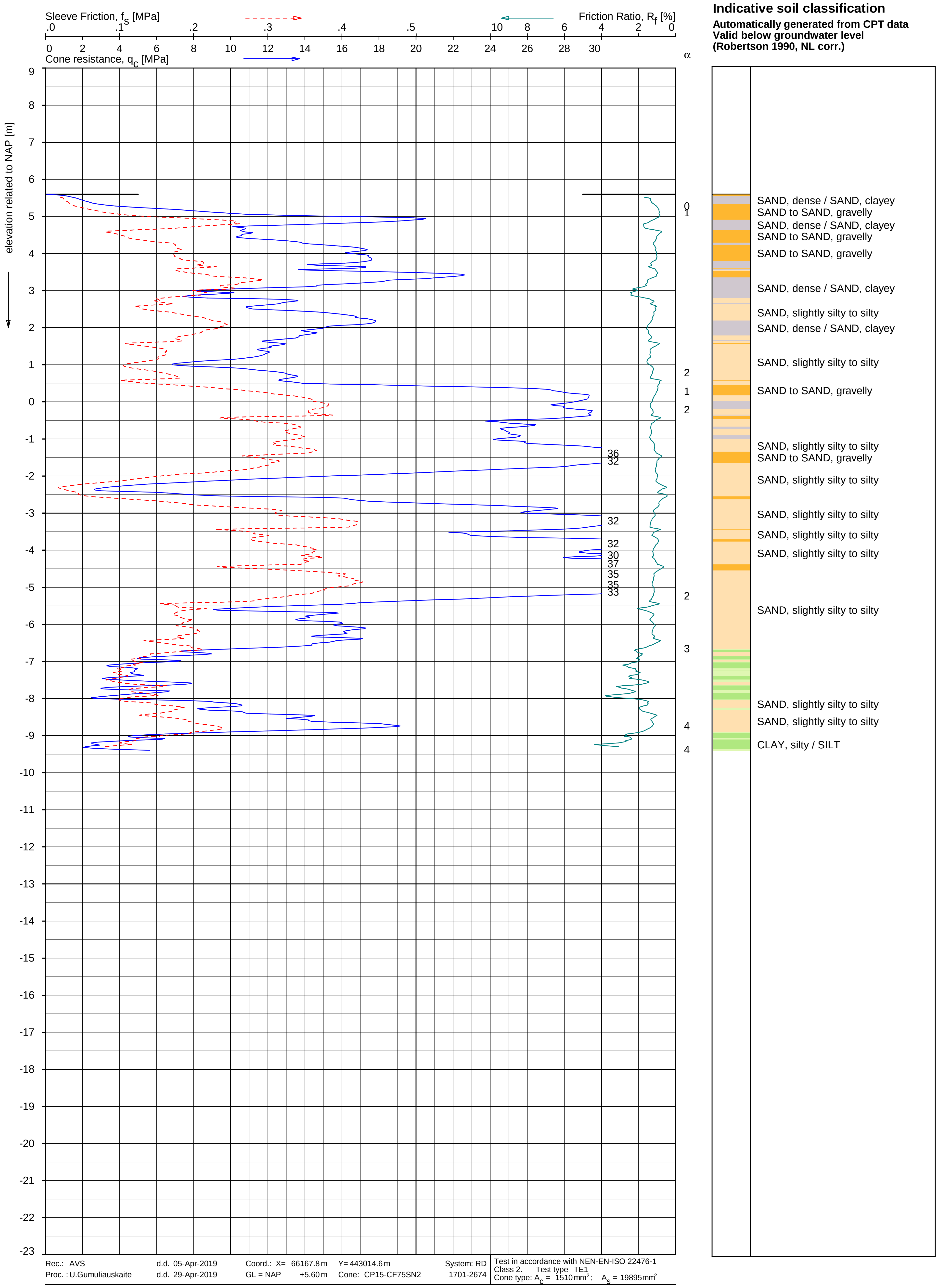
Rec.: CV/ d.d. 23-apr-2019 Coord.: X= 66393.7 m Y= 442931.1 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.88 m Cone: CP15-CF75SN2 1701-2782

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT052



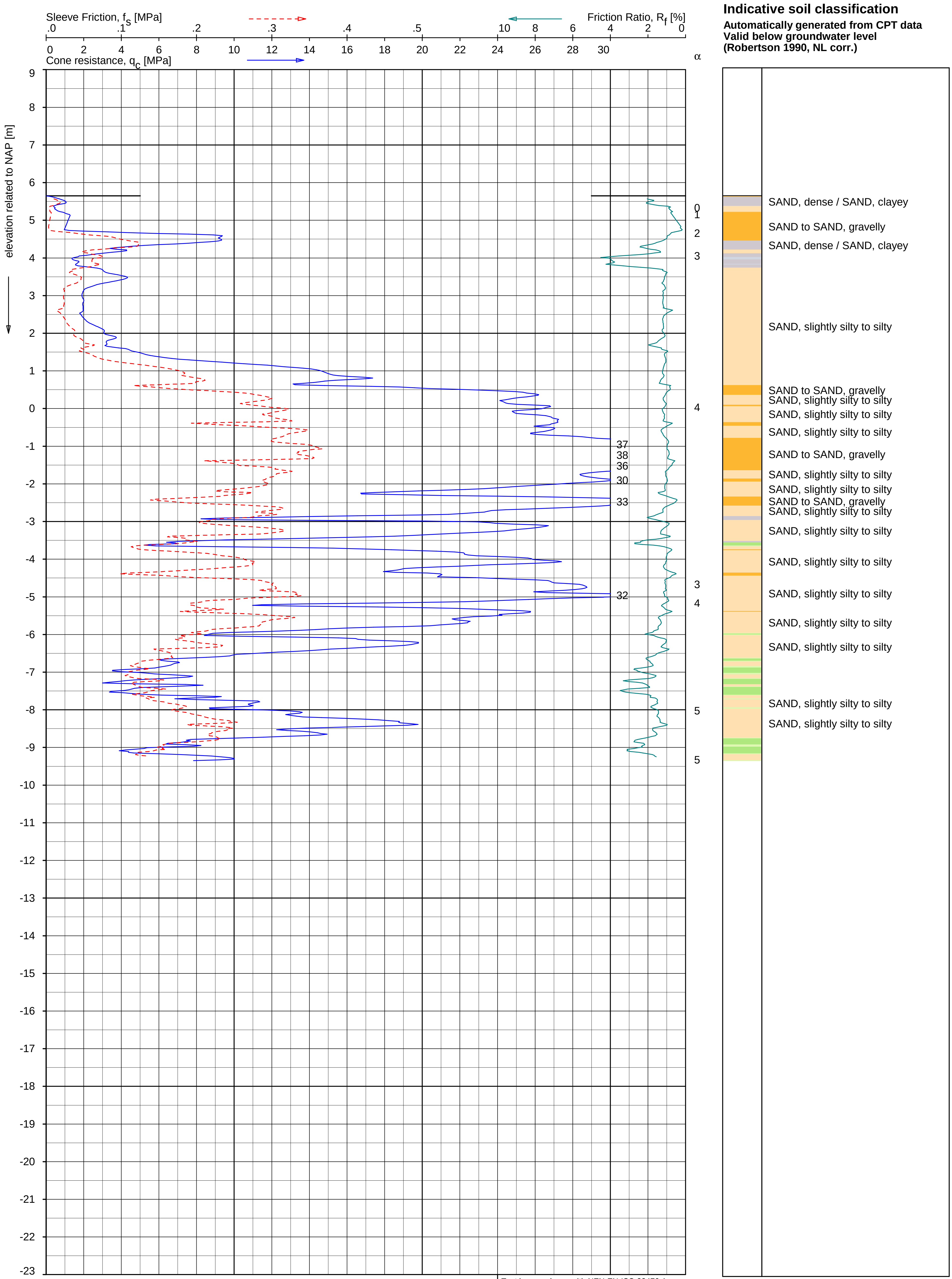
Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66167.8 m	Y= 443014.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.60 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT053

1018-0481-001



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:50:35

Rec.: AVS d.d. 05-Apr-2019 Coord.: X= 66185.9 m Y= 443006.2 m System: RD

Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.65 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

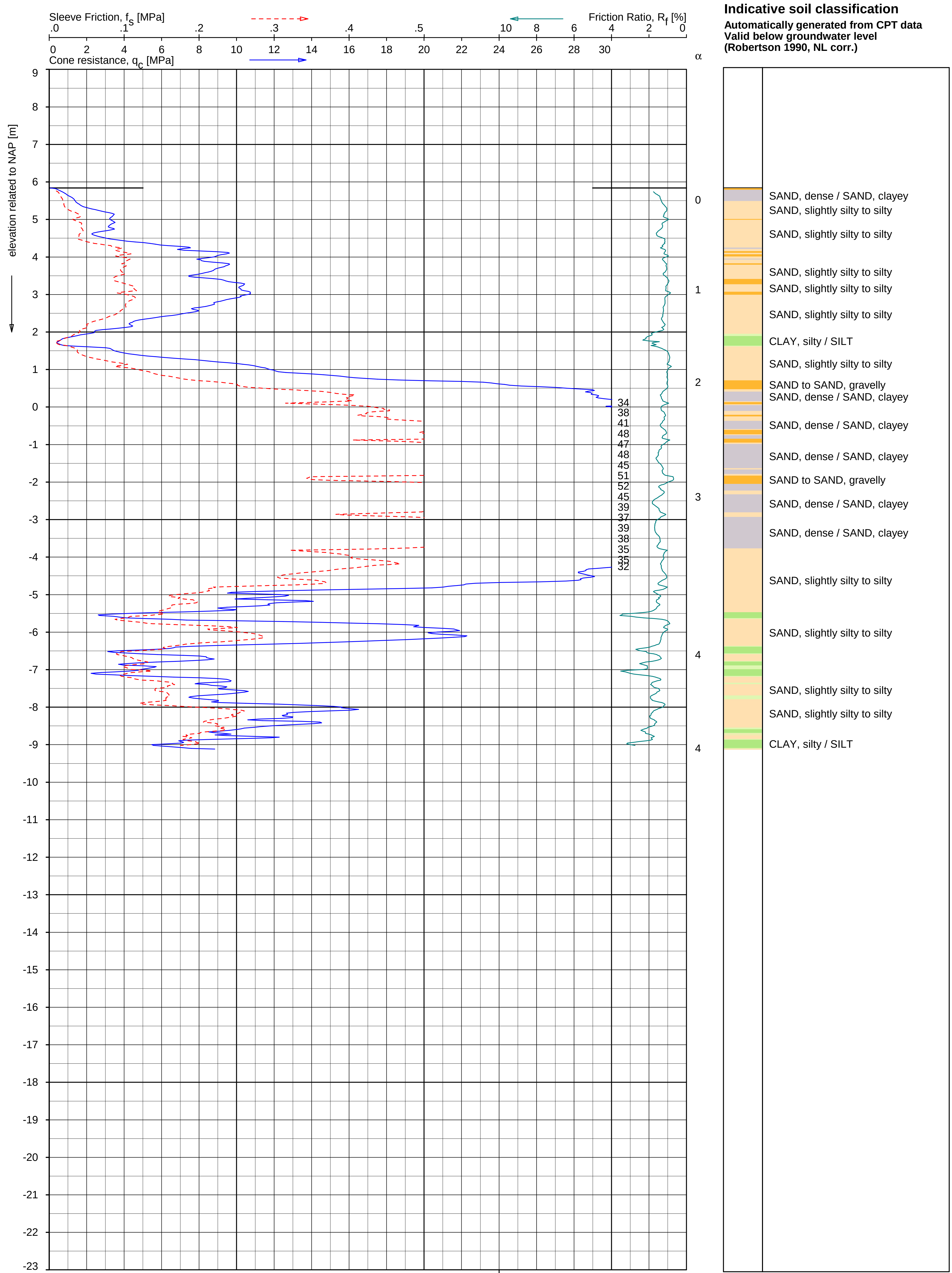
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001

Cpt CPT054

1018-0481-001

CPT054 - 1



Rec.: GEV/	d.d. 09-Apr-2019	Coord.: X= 66204.0 m Y= 442997.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.84 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

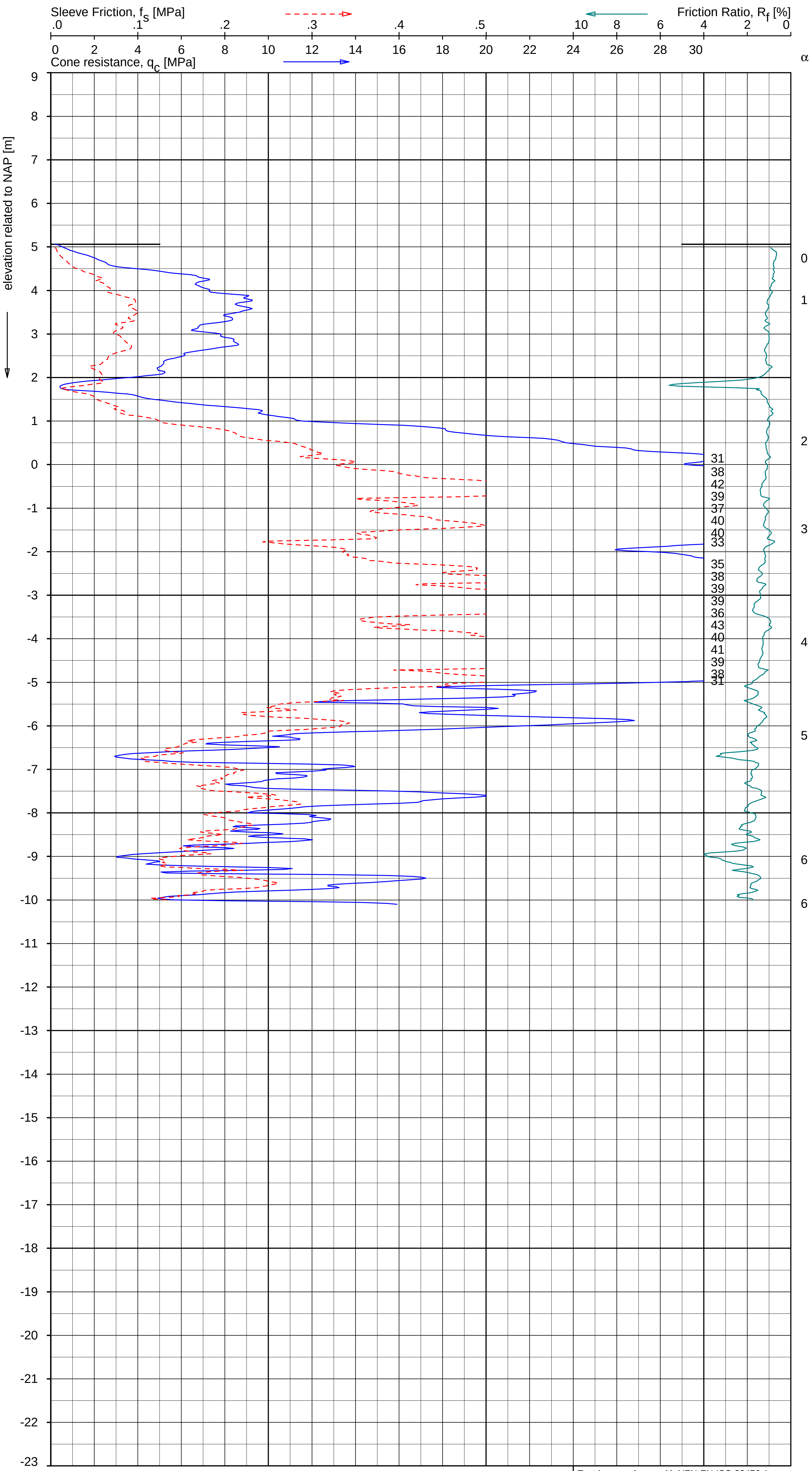
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT055

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:16

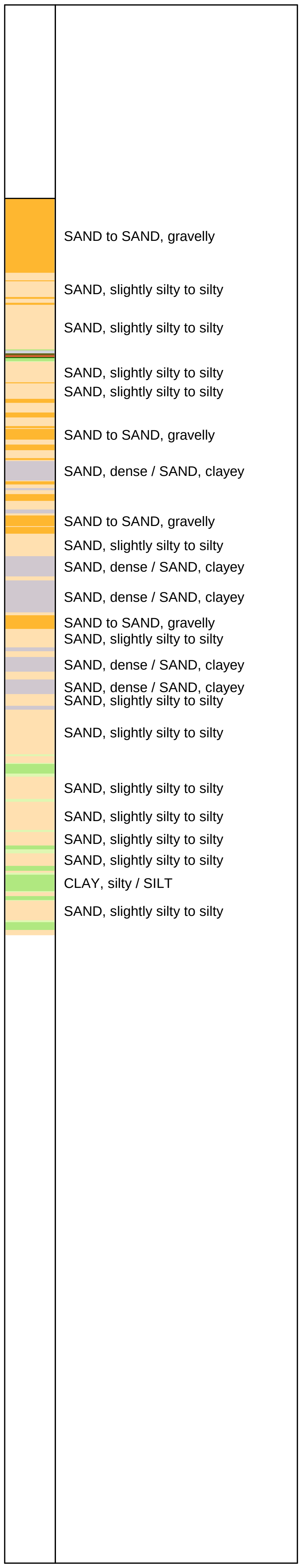
1018-0481-001

CPT055 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

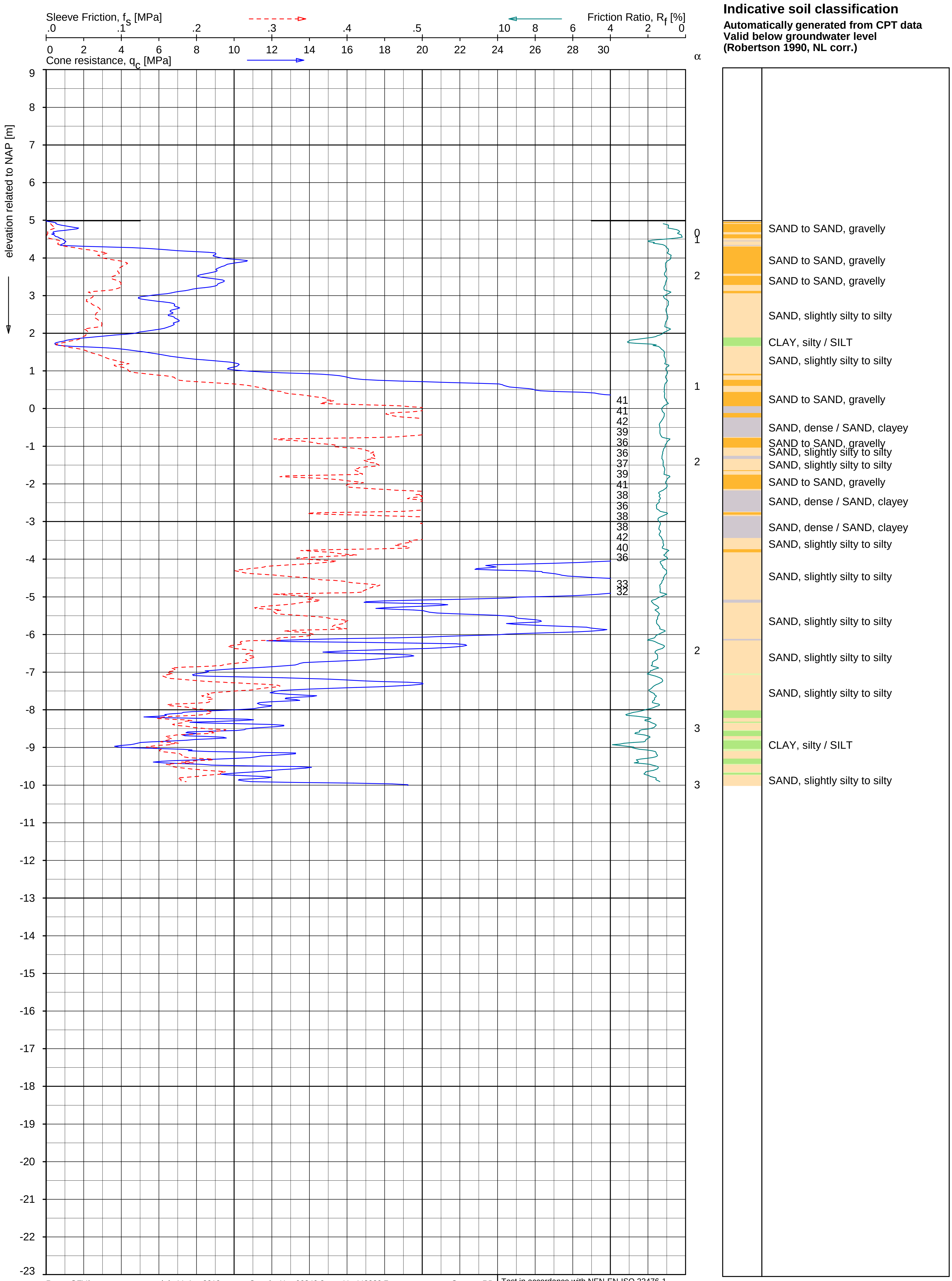


Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66222.2 m Y= 442989.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.06 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT056

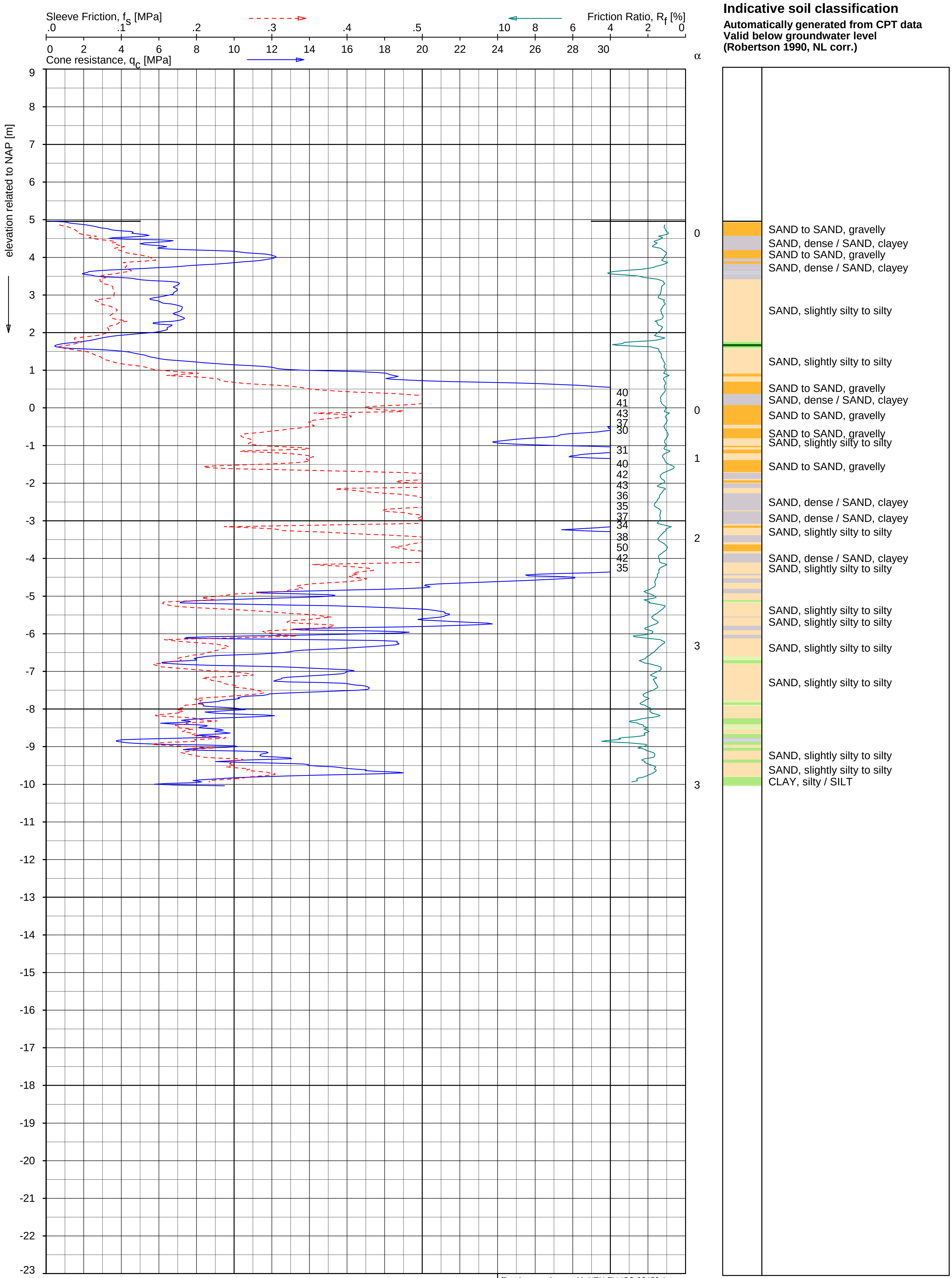


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66240.3 m Y= 442980.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT057

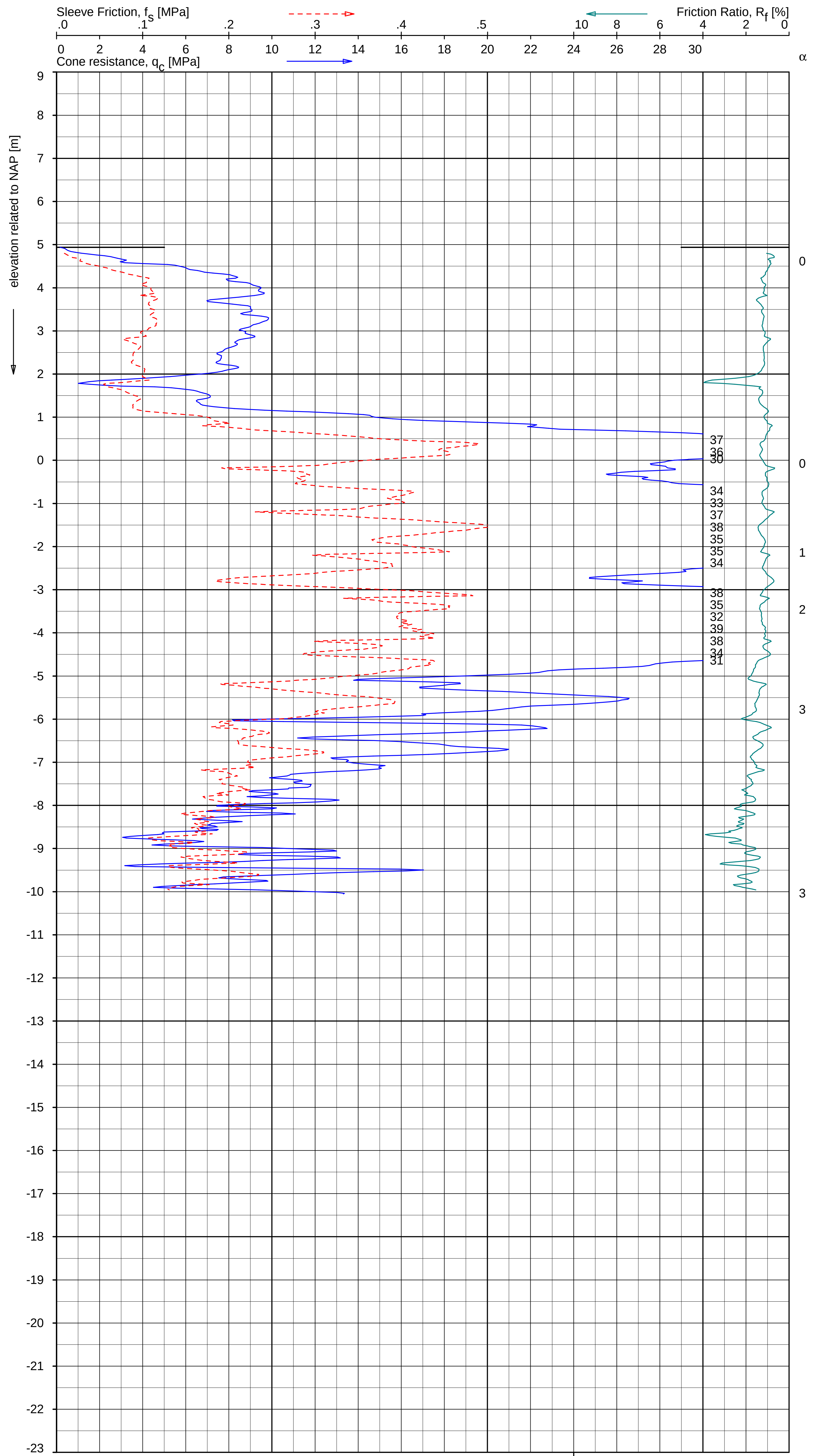


Rec.: CV/	d.d. 15-Apr-2019	Coord.: X= 66258.4 m Y= 442972.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT058



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

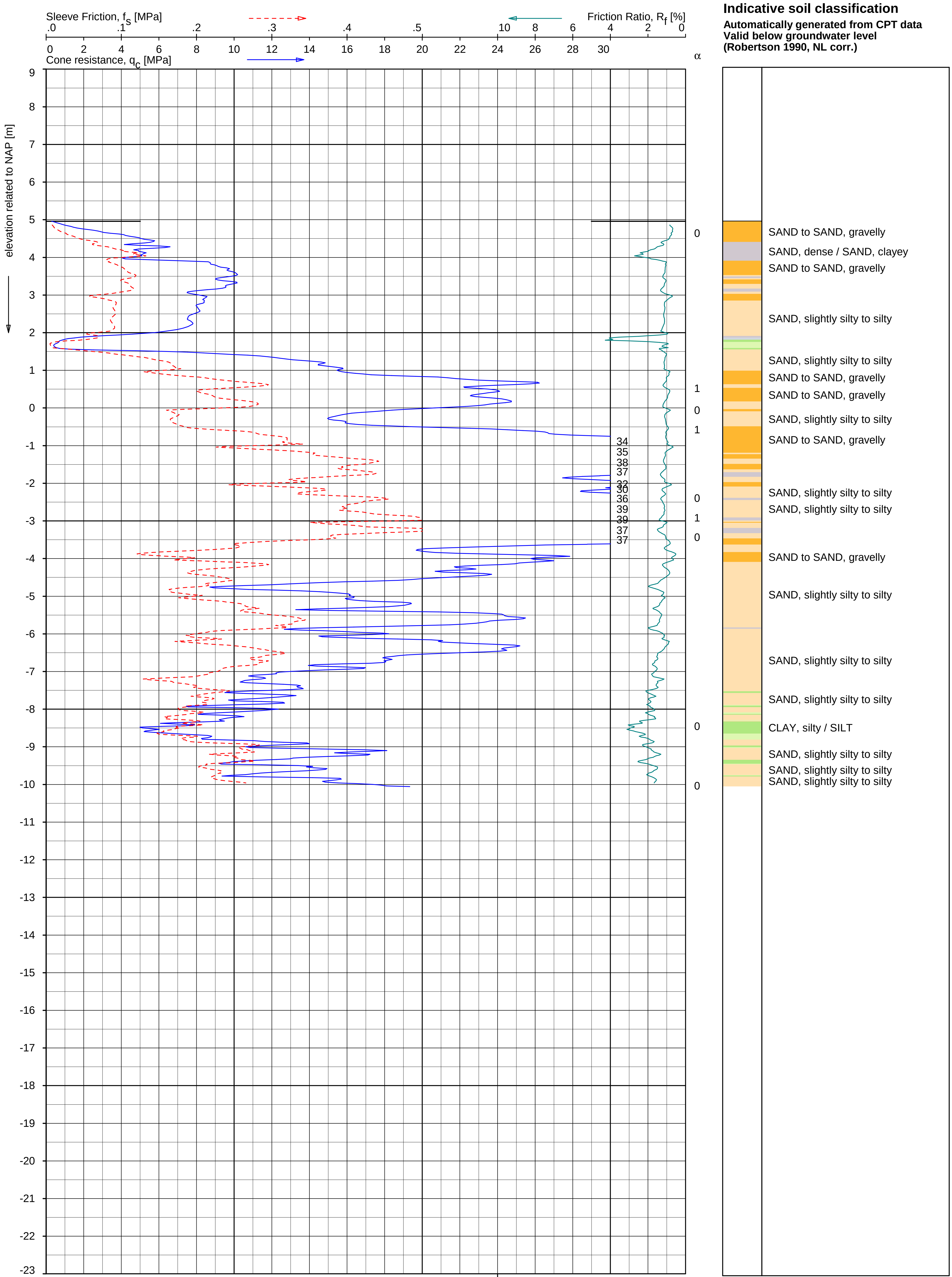
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: CV/ d.d. 16-Apr-2019 Coord.: X= 66276.5 m Y= 442963.8 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT059

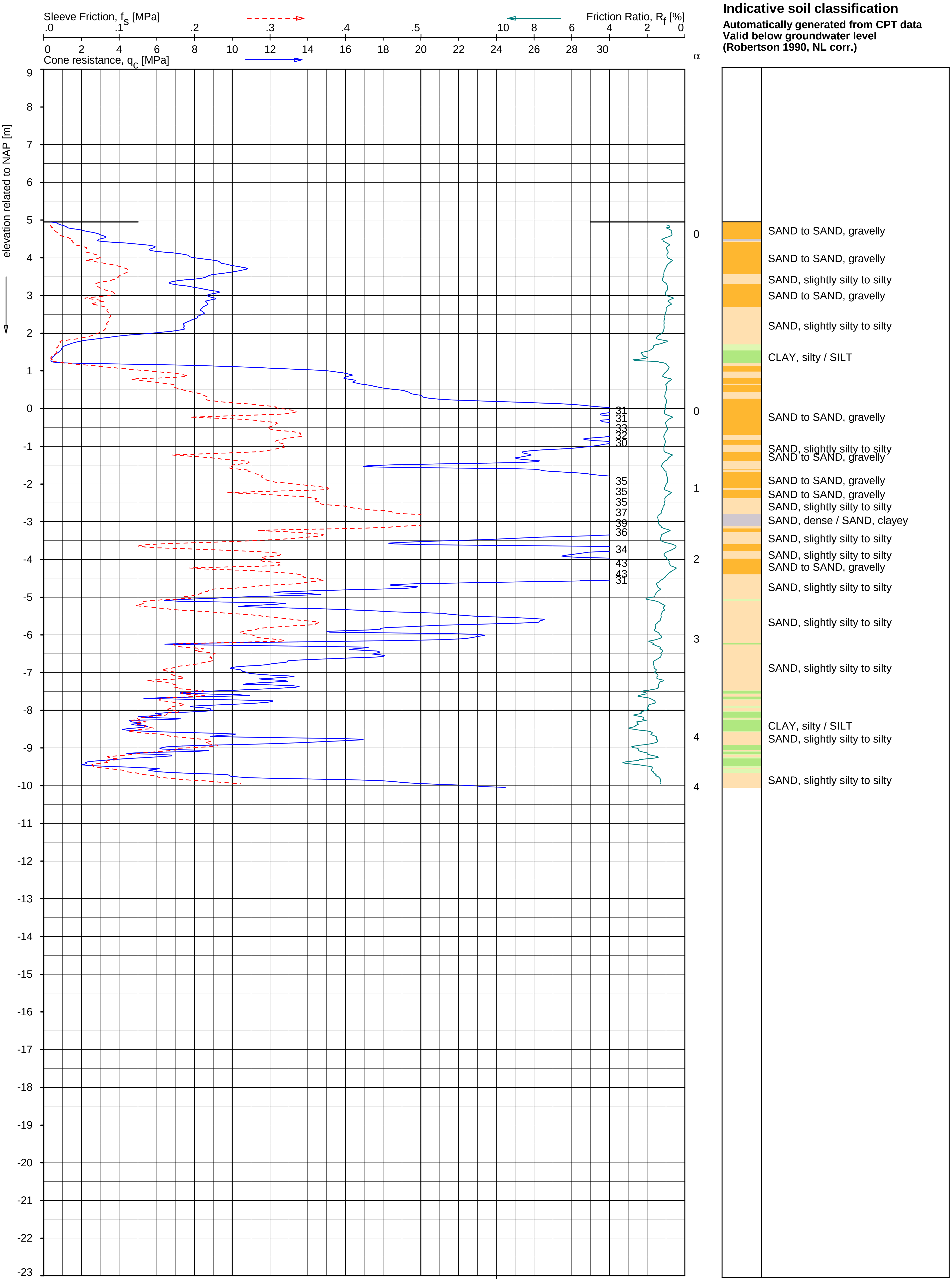


Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66294.6 m	Y= 442955.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m	Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT060



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-02 09:42:20

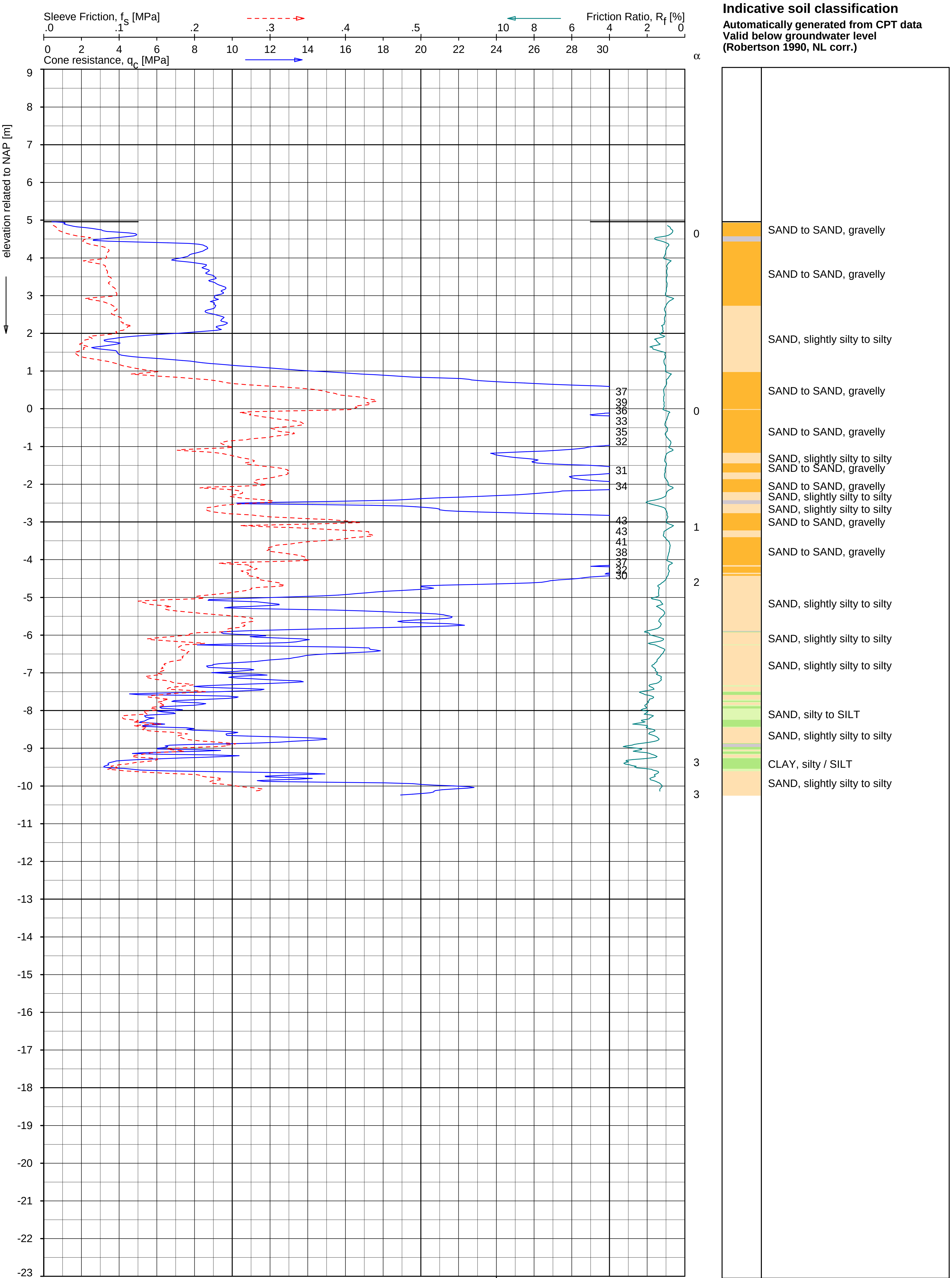
Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66312.7 m Y= 442946.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 02-May-2019	GL = NAP +4.95 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT061

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:49:12



Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66330.9 m	Y= 442938.4 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

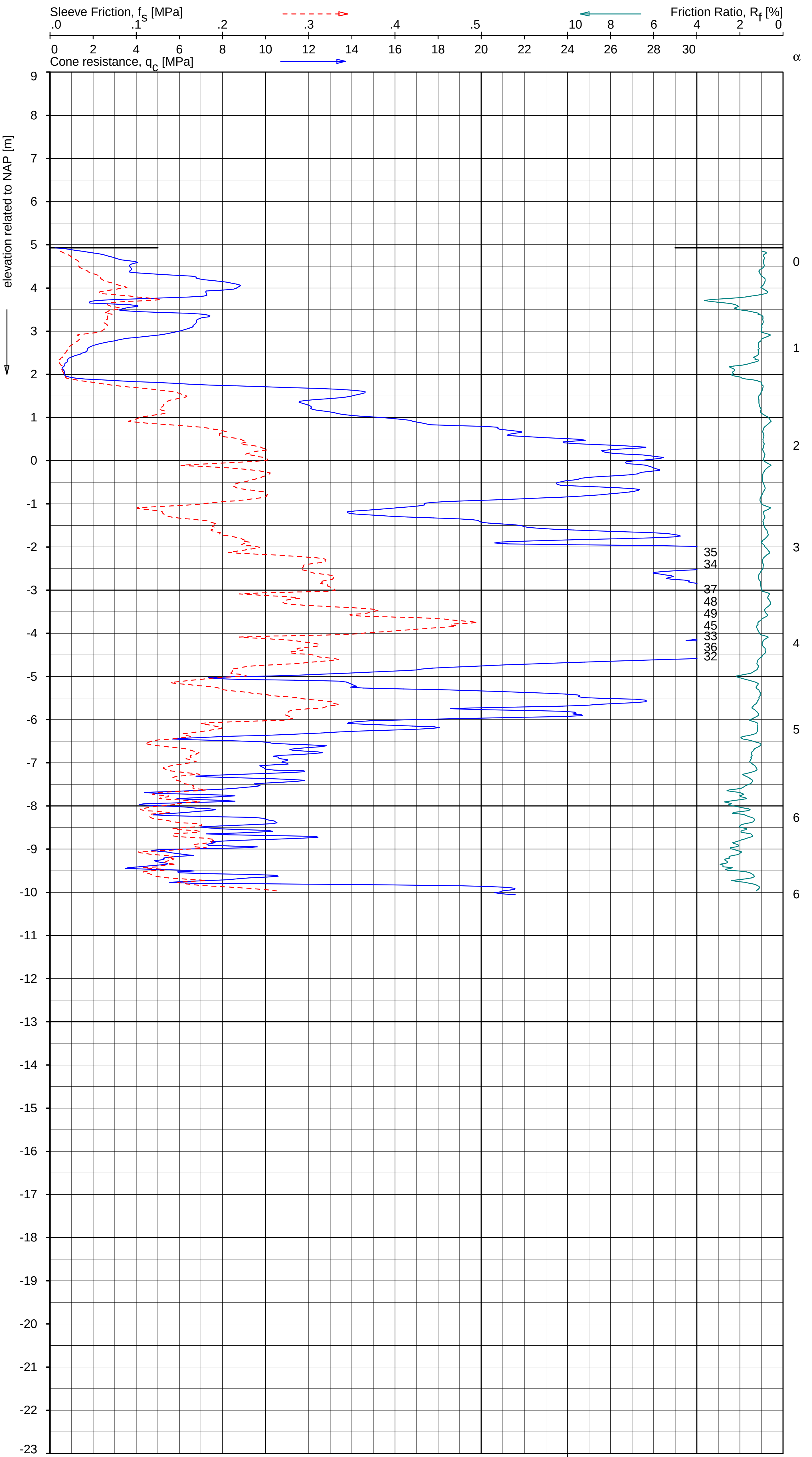
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT062

1018-0481-001

CPT062 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, silty to SILT
CLAY, silty / SILT
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty

Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66349.0 m Y= 442929.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

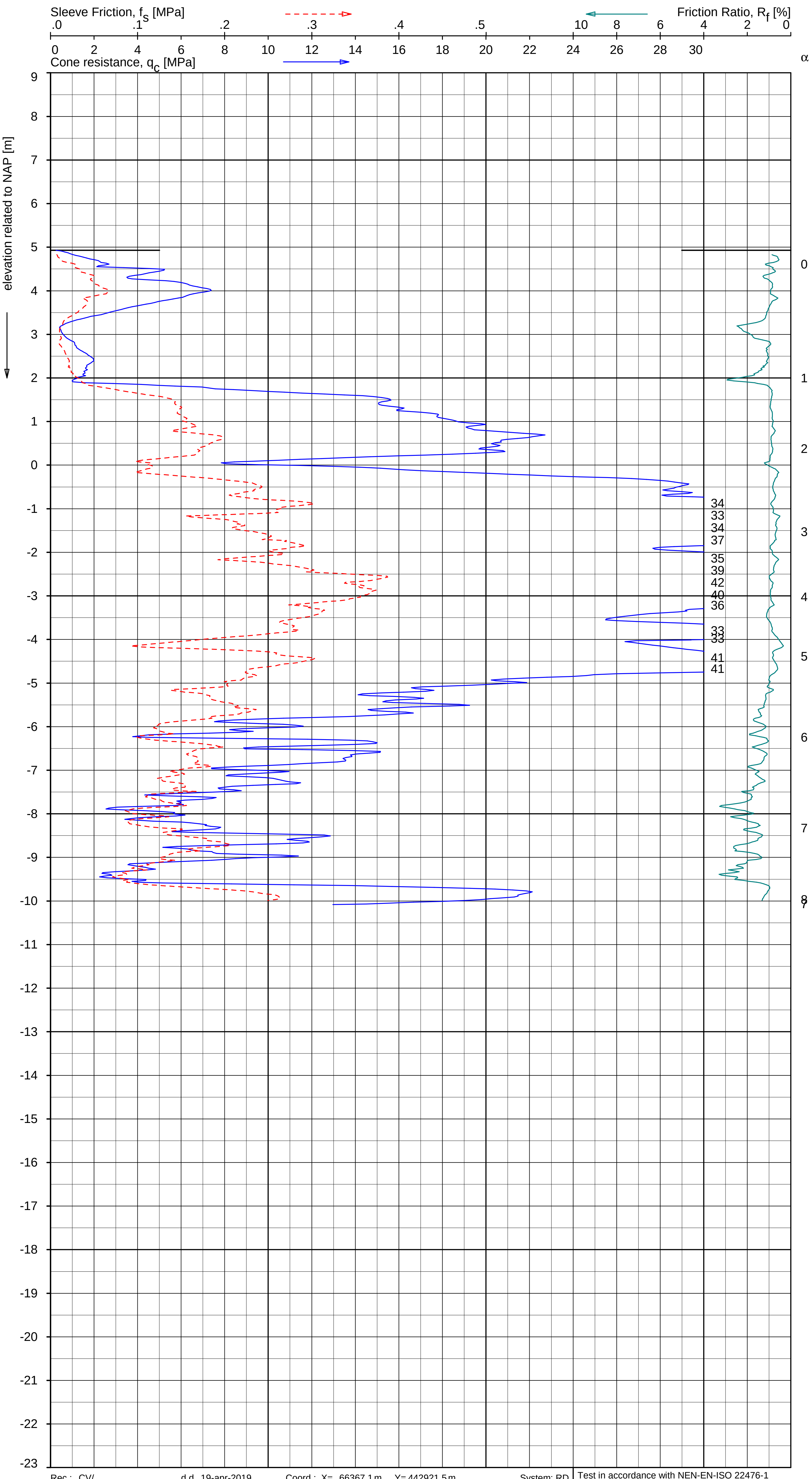
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT063

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:46

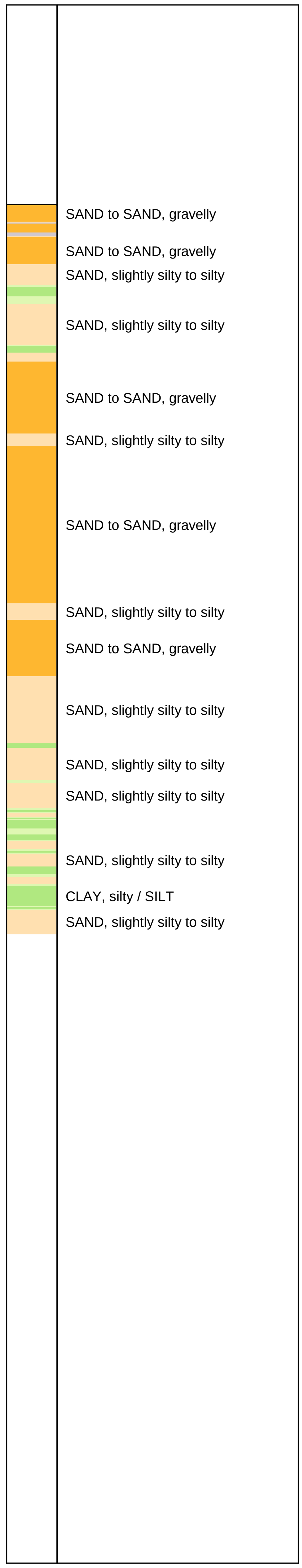
1018-0481-001

CPT063 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



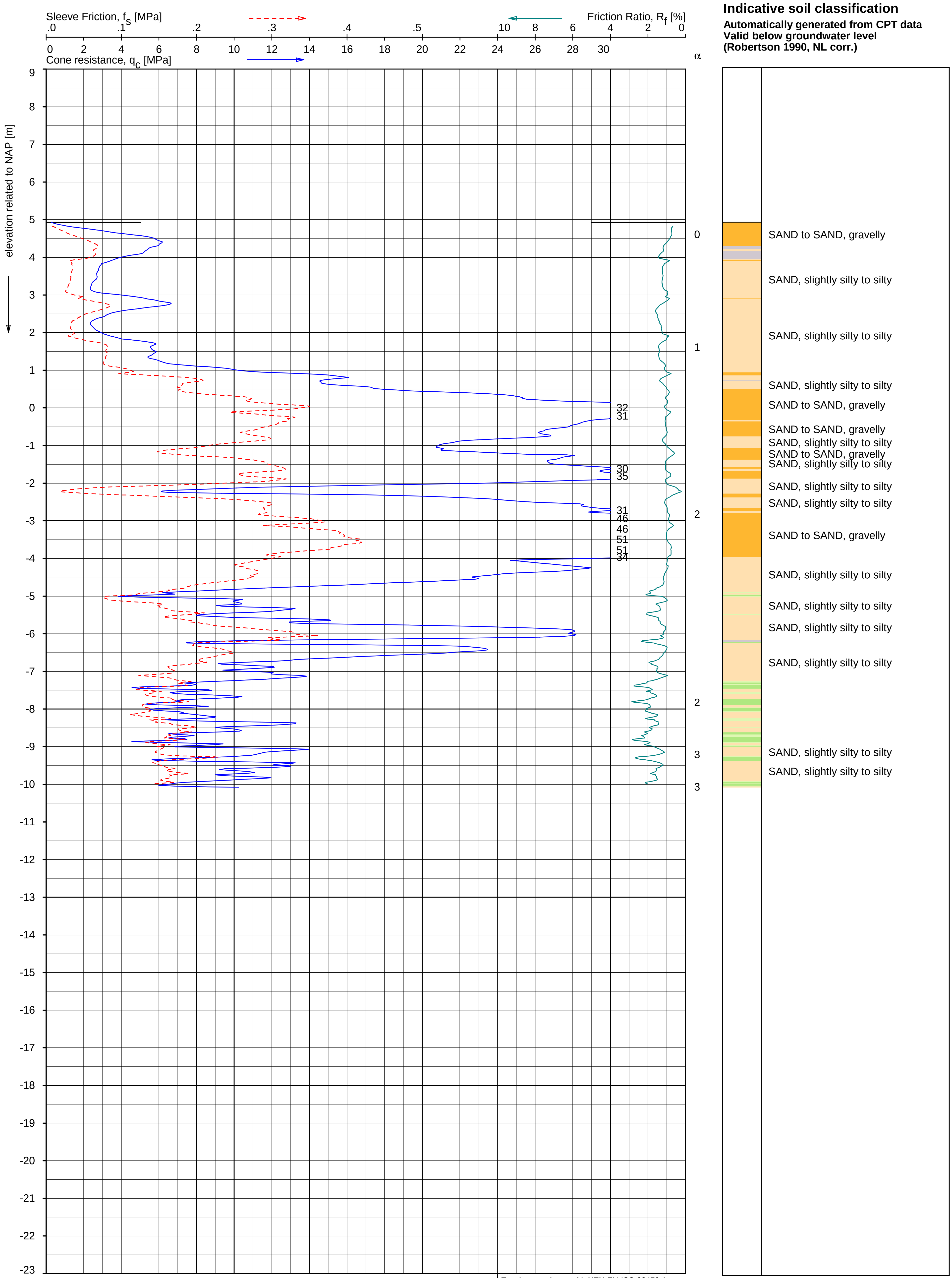
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:29

Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66367.1 m Y= 442921.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT064

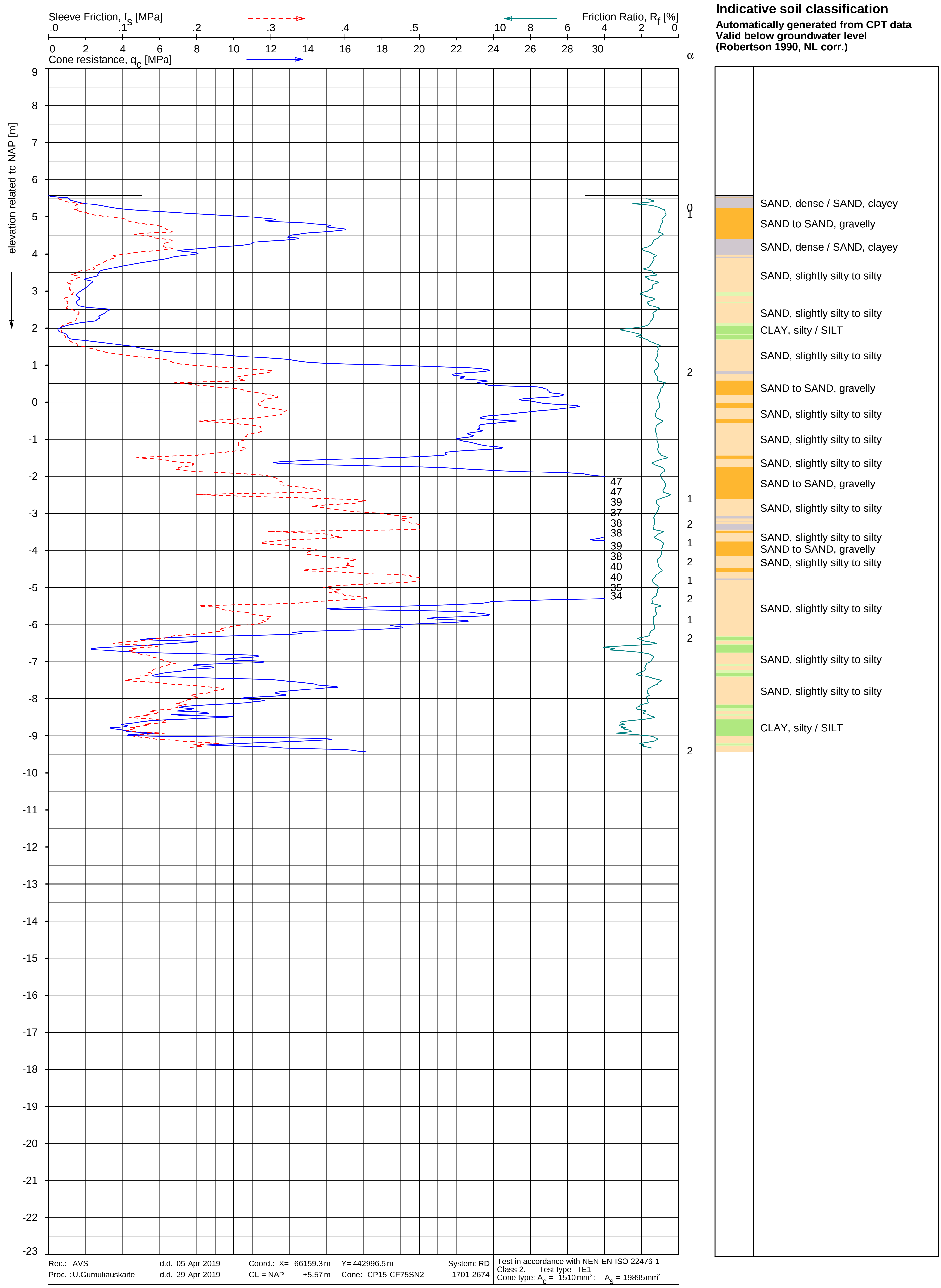


Rec.: CV/	d.d. 23-apr-2019	Coord.: X= 66385.2 m Y= 442913.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-2782	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT065



Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66159.3 m Y= 442996.5 m	System: RD
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.57 m Cone: CP15-CF75SN2	1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

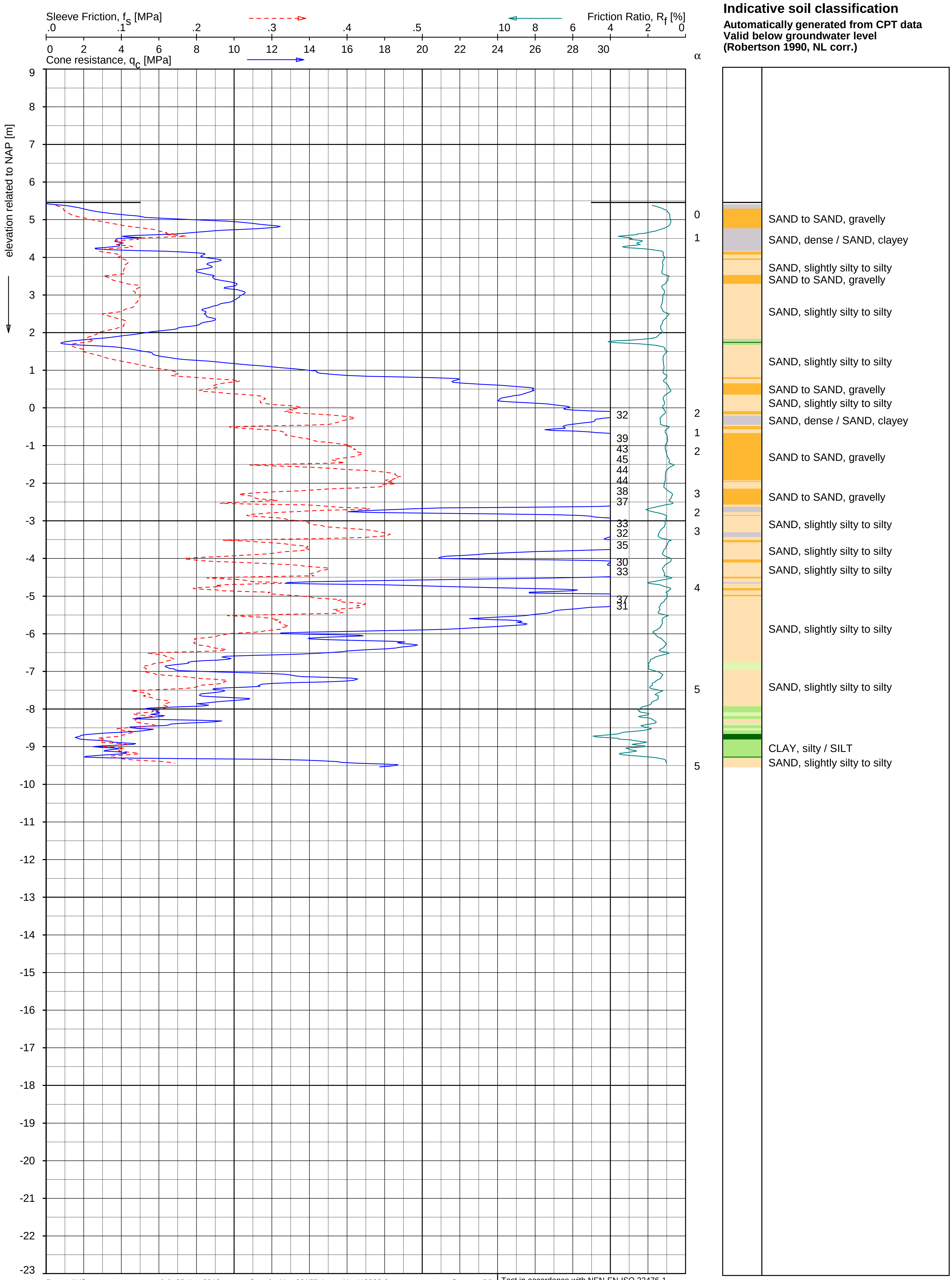
Proj. 1018-0481-001
Cpt CPT066

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:58:32

1018-0481-001

CPT066 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:56:55



Rec.: AVS	d.d. 05-Apr-2019	Coord.: X= 66177.4 m	Y= 442988.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.46 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

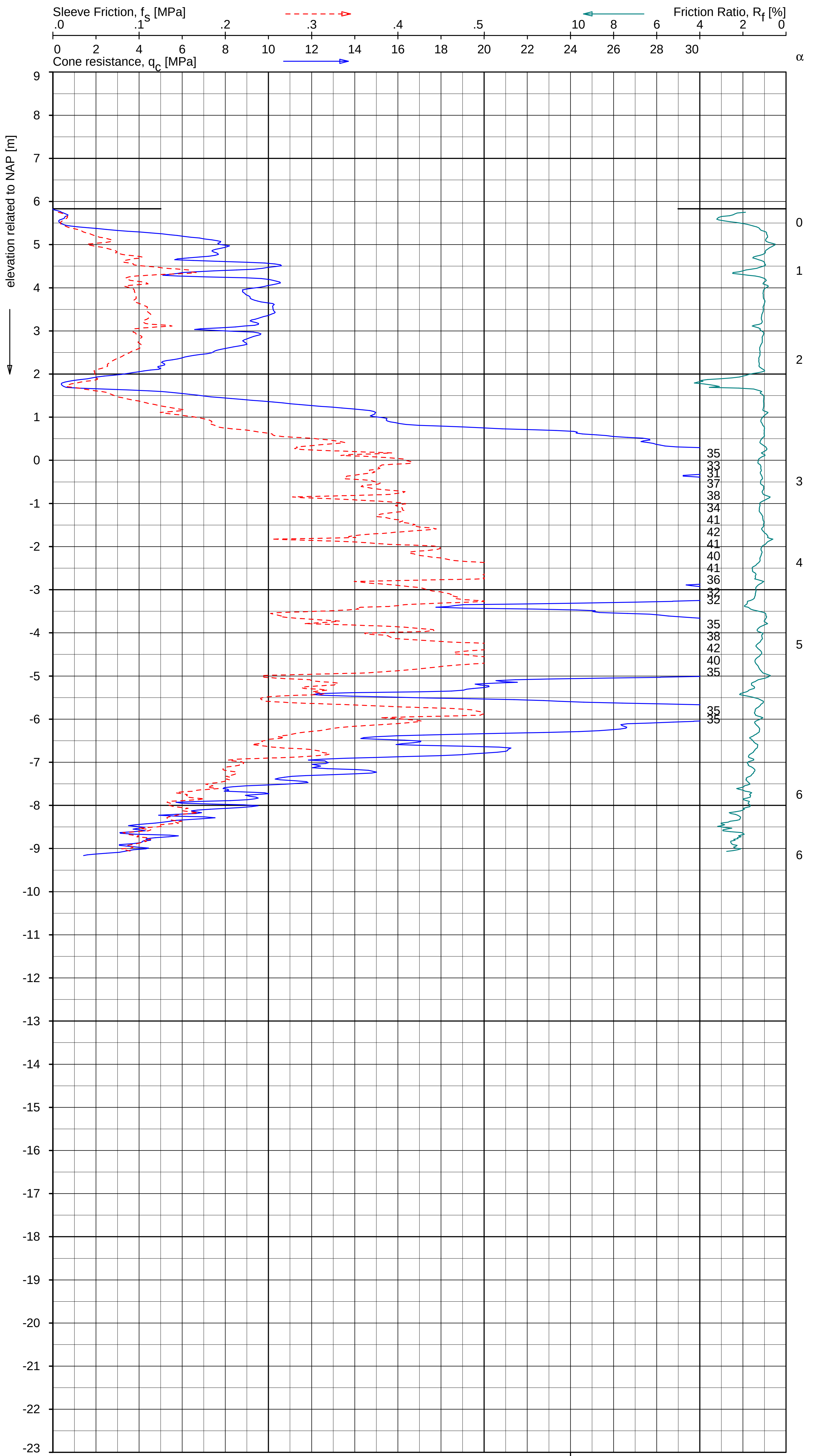
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT067

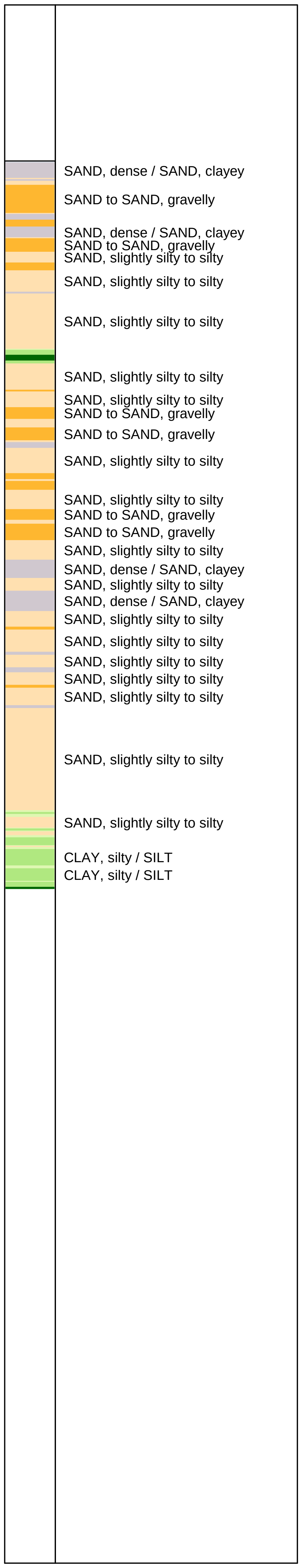
1018-0481-001

CPT067 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

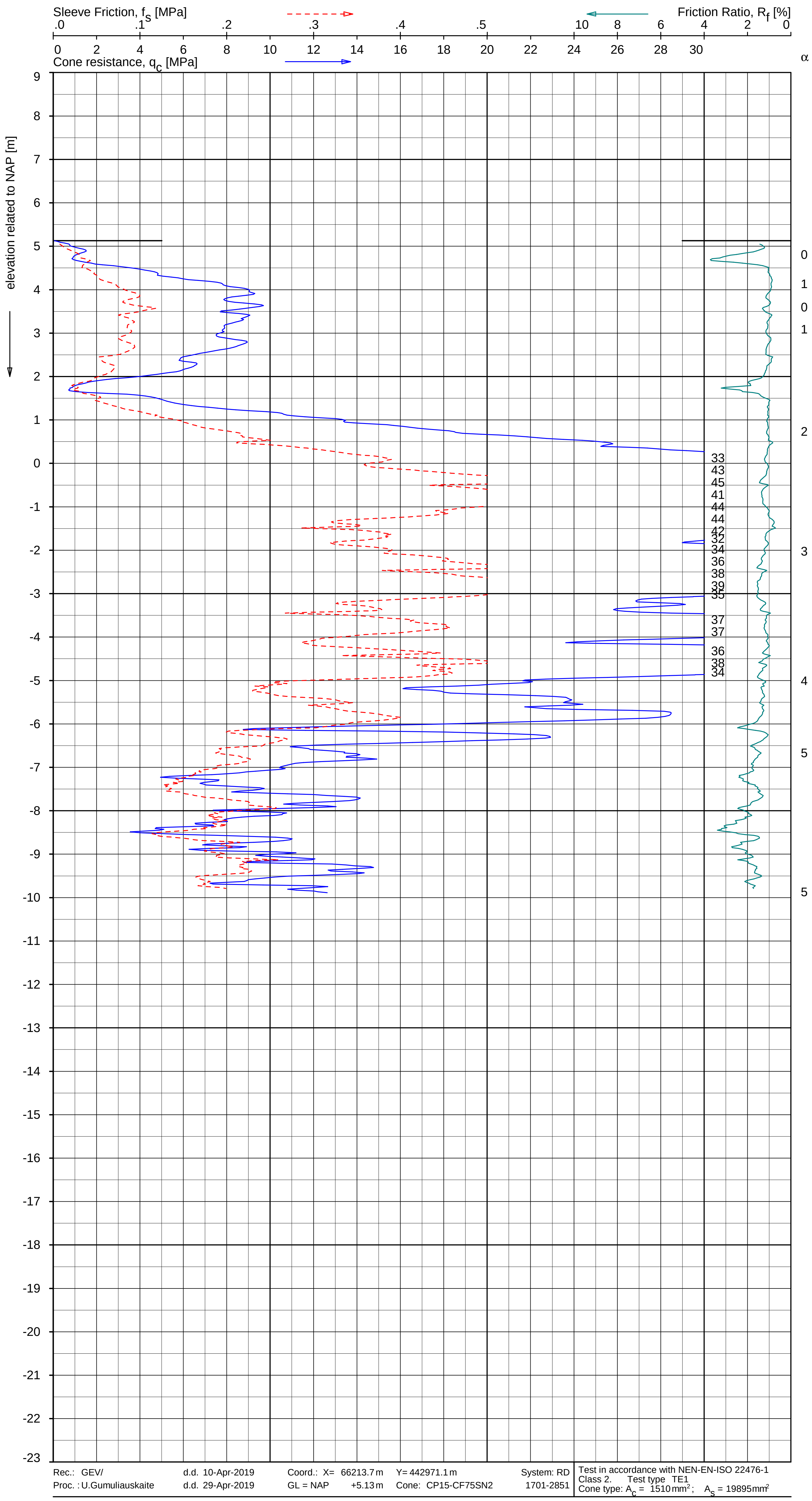


Rec.: GEV/	d.d. 09-Apr-2019	Coord.: X= 66195.6 m Y= 442979.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.83 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

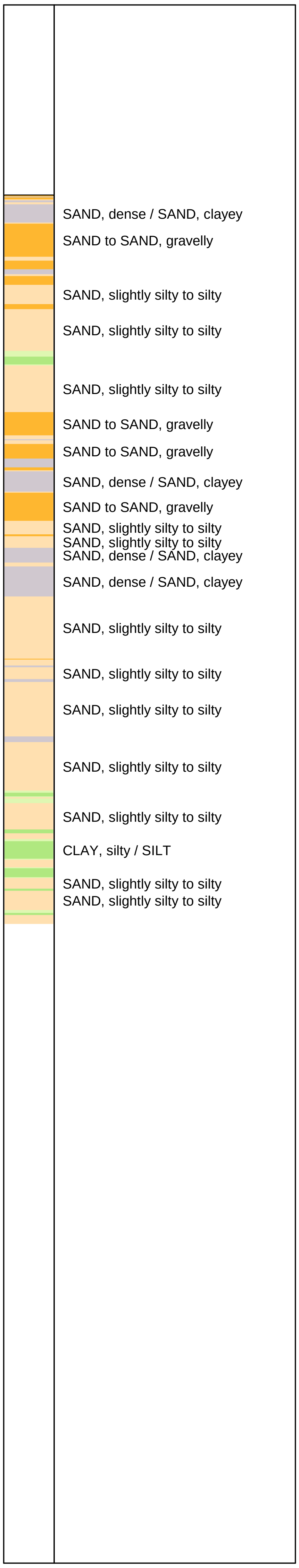
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT068



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

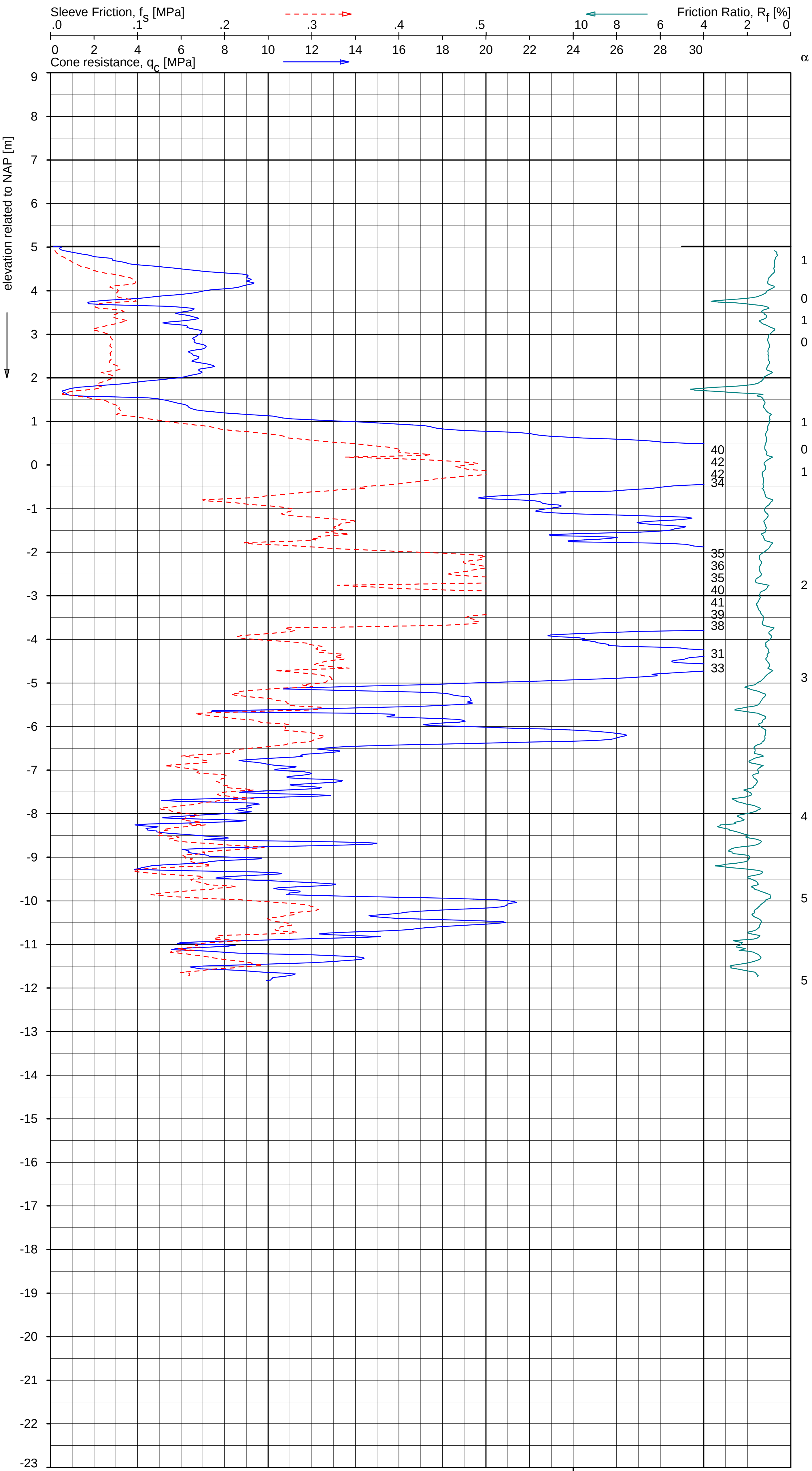


Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66213.7 m Y= 442971.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.13 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

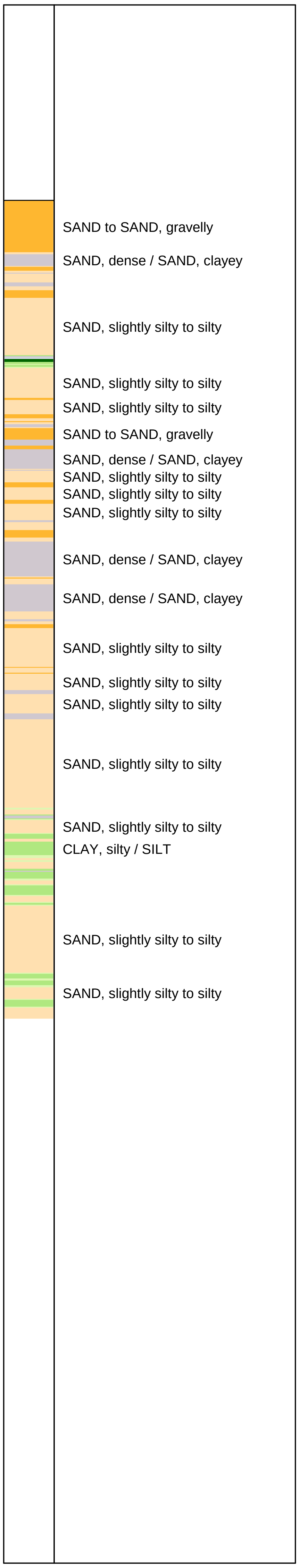
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT069



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

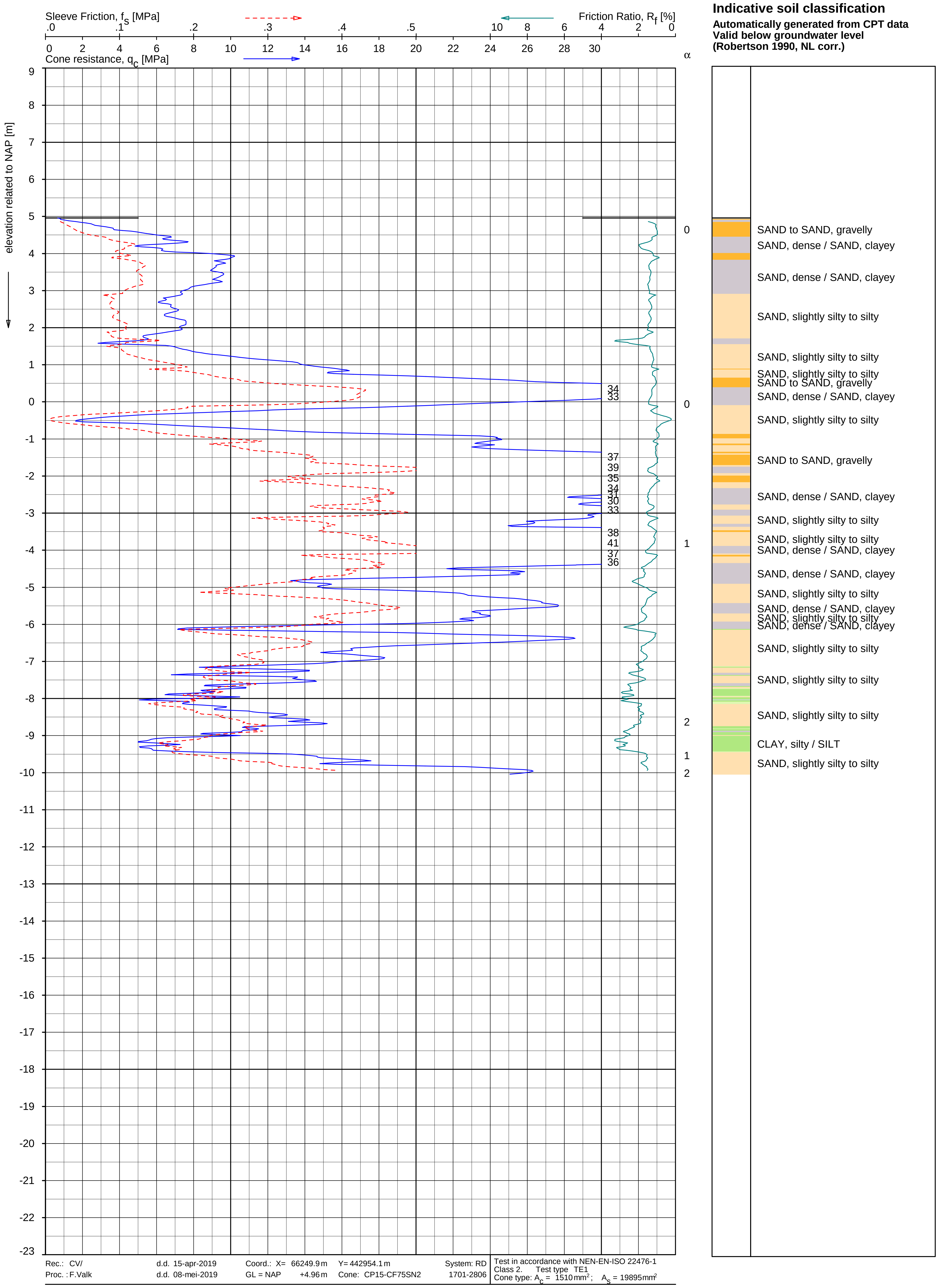


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66231.8 m	Y= 442962.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.02 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT070



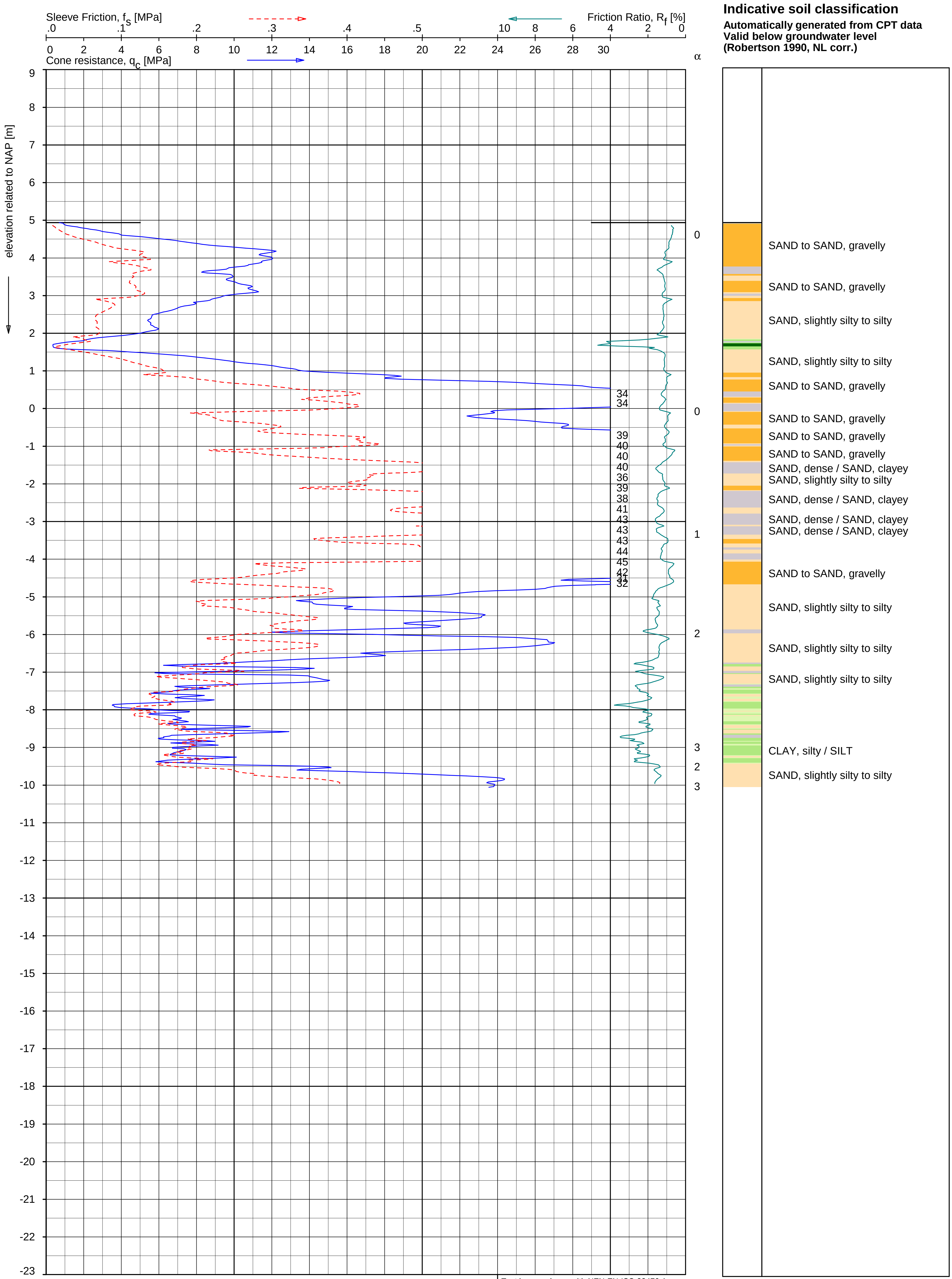
Rec.: CV/	d.d. 15-apr-2019	Coord.: X= 66249.9 m Y= 442954.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : F.Valk	d.d. 08-mei-2019	GL = NAP +4.96 m Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT071

FUGRO



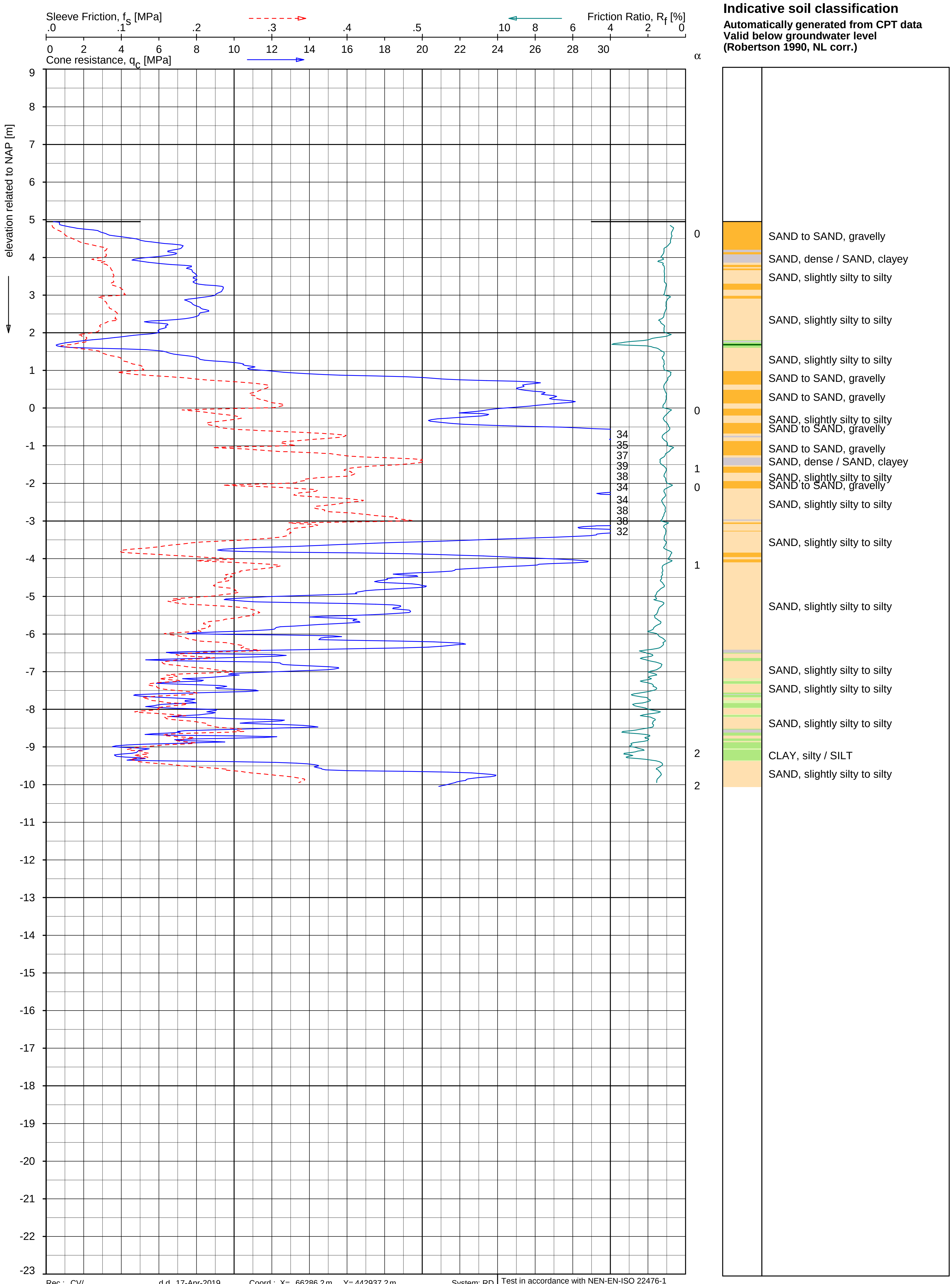
Rec.: CV/ d.d. 16-Apr-2019 Coord.: X= 66268.0 m Y= 442945.7 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT072



Indicative soil classification

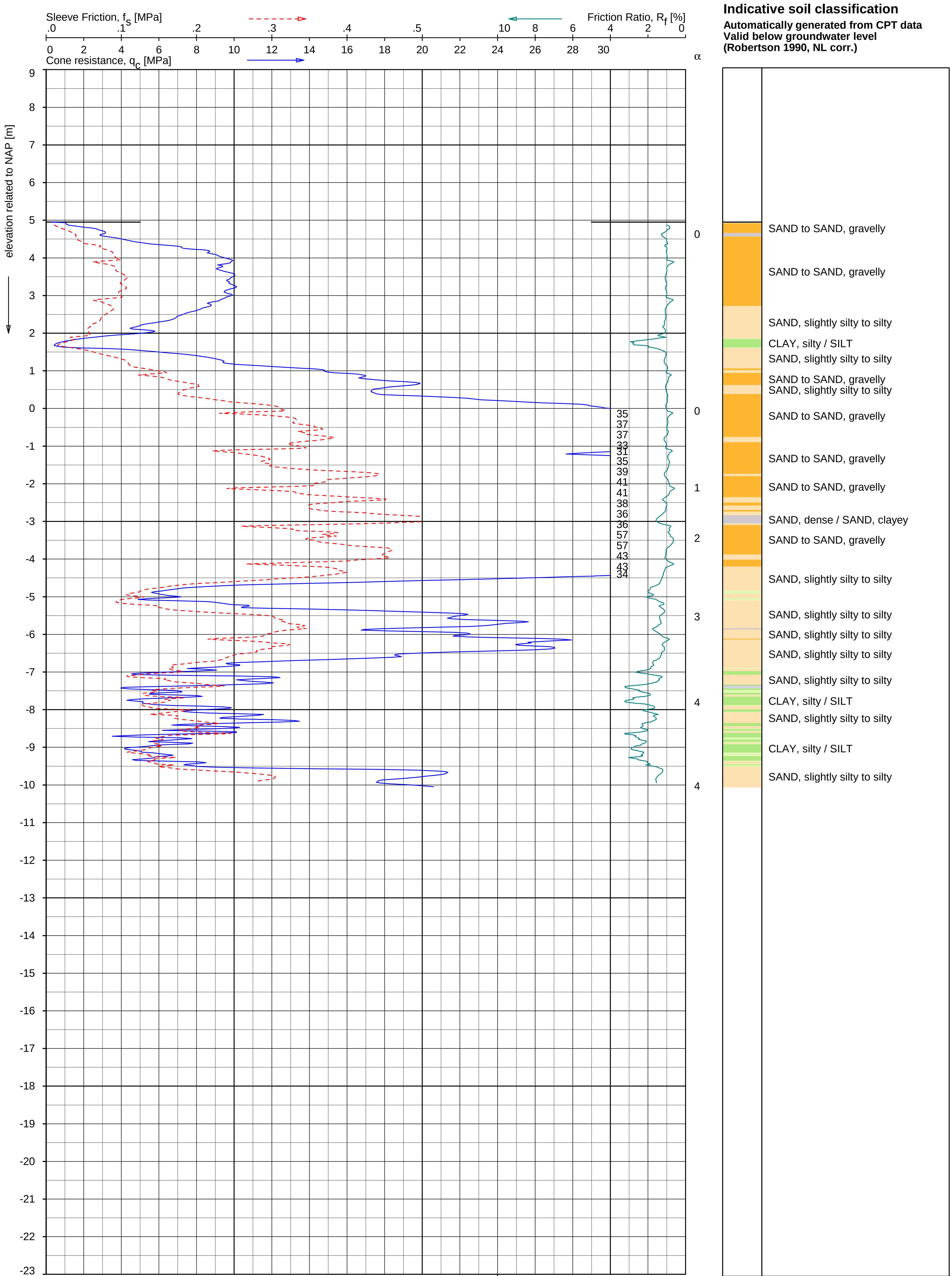
Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66286.2 m	Y= 442937.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.95 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT073

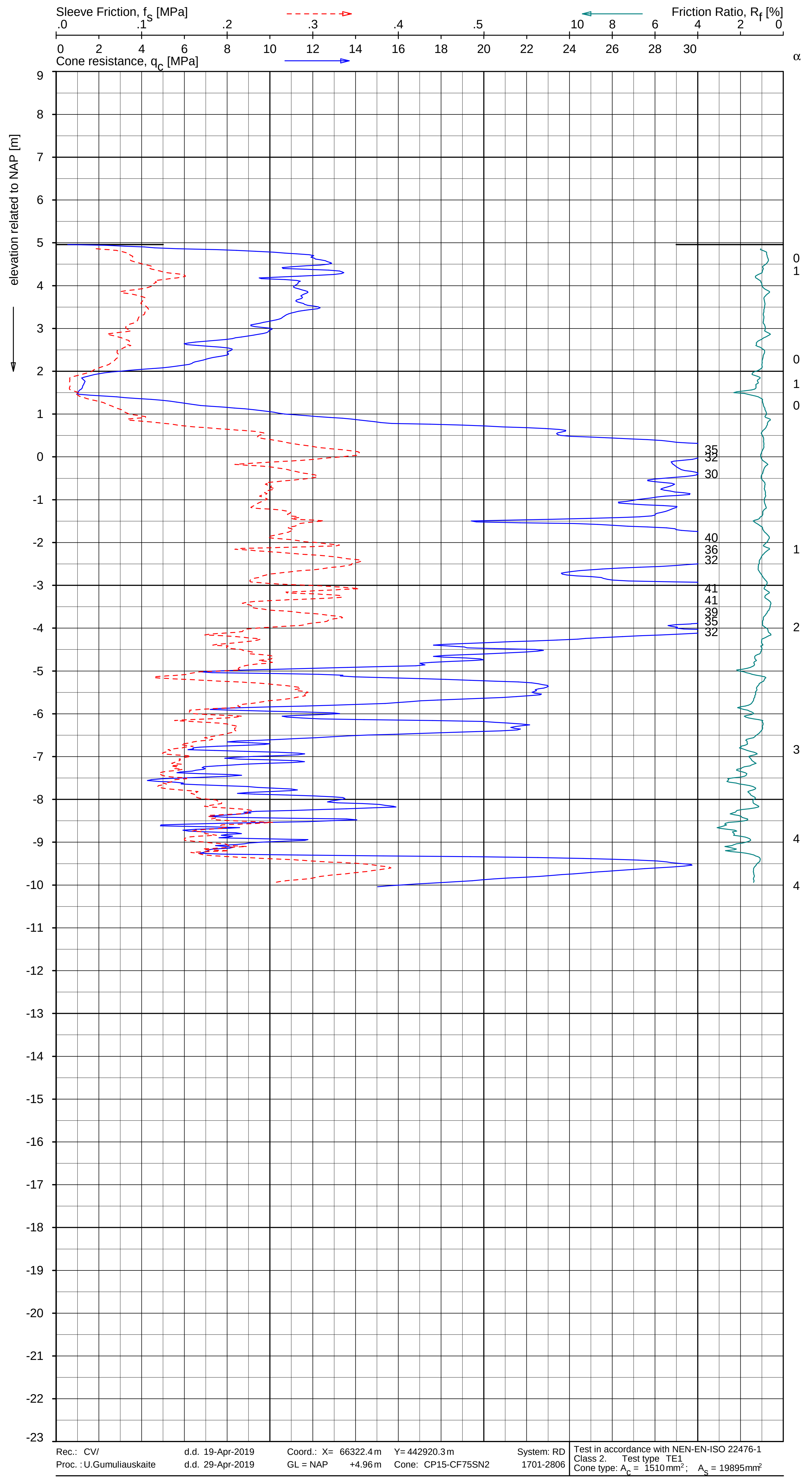


Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66304.3 m	Y= 442928.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 02-May-2019	GL = NAP +4.95 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT074



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty

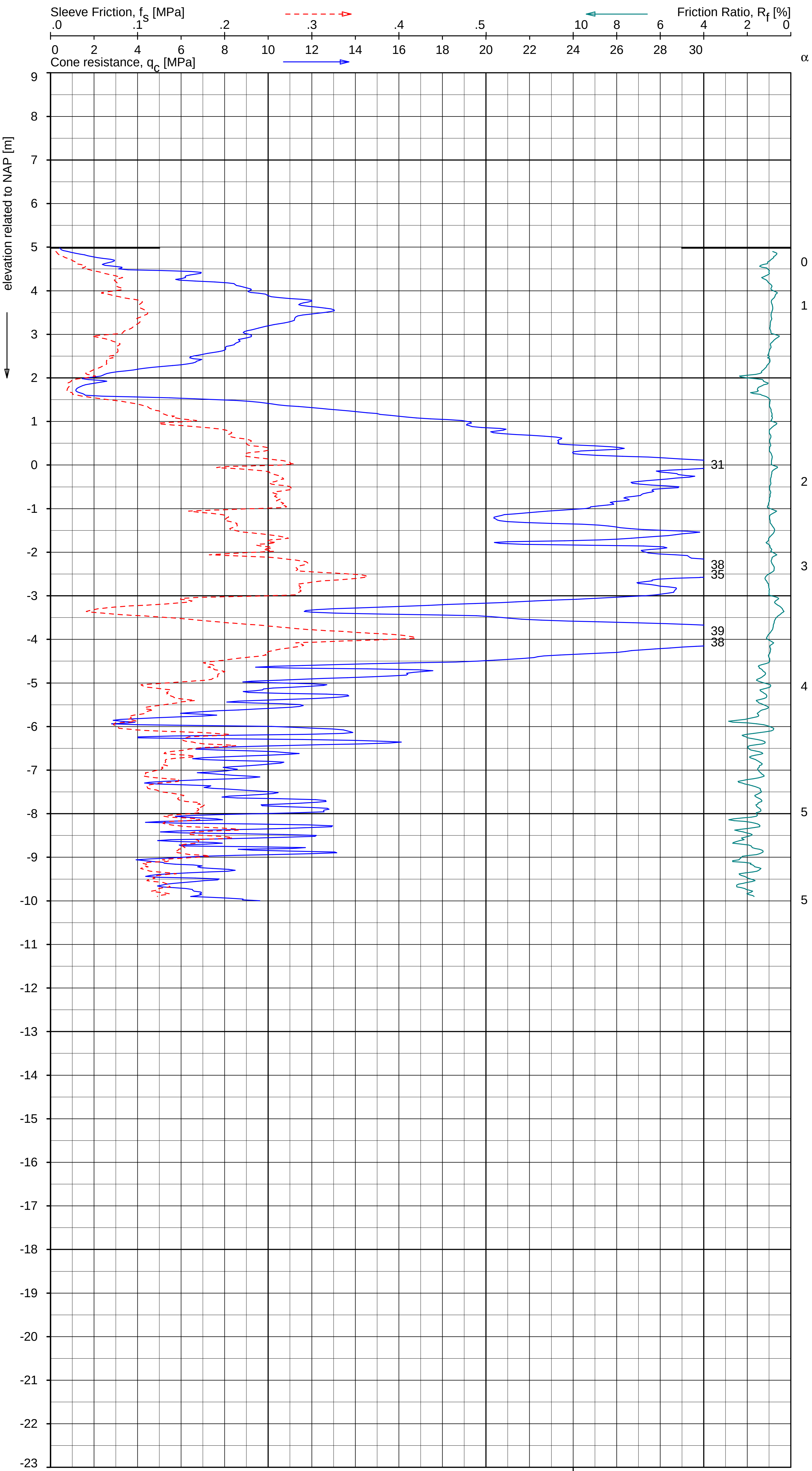
Rec.: CV/	d.d. 19-Apr-2019	Coord.: X= 66322.4 m Y= 442920.3 m	System: RD
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

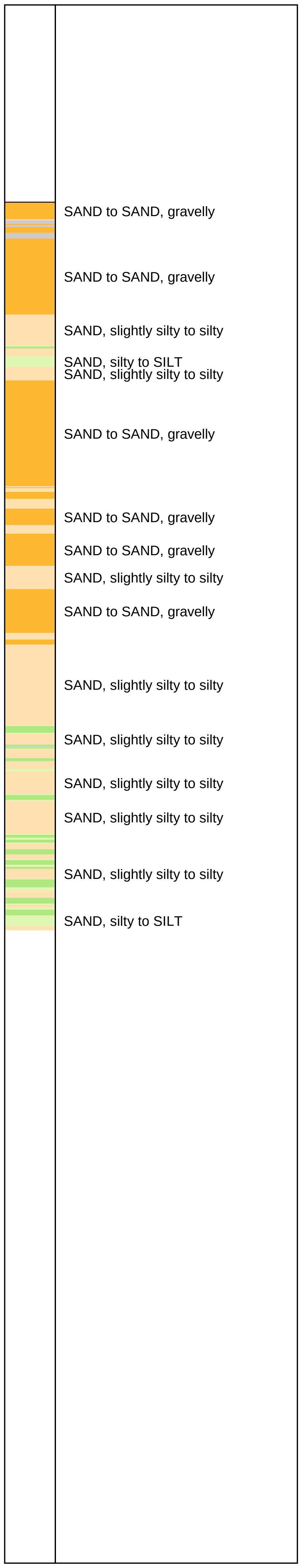
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT075



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:57:53

1018-0481-001

CPT076 - 1

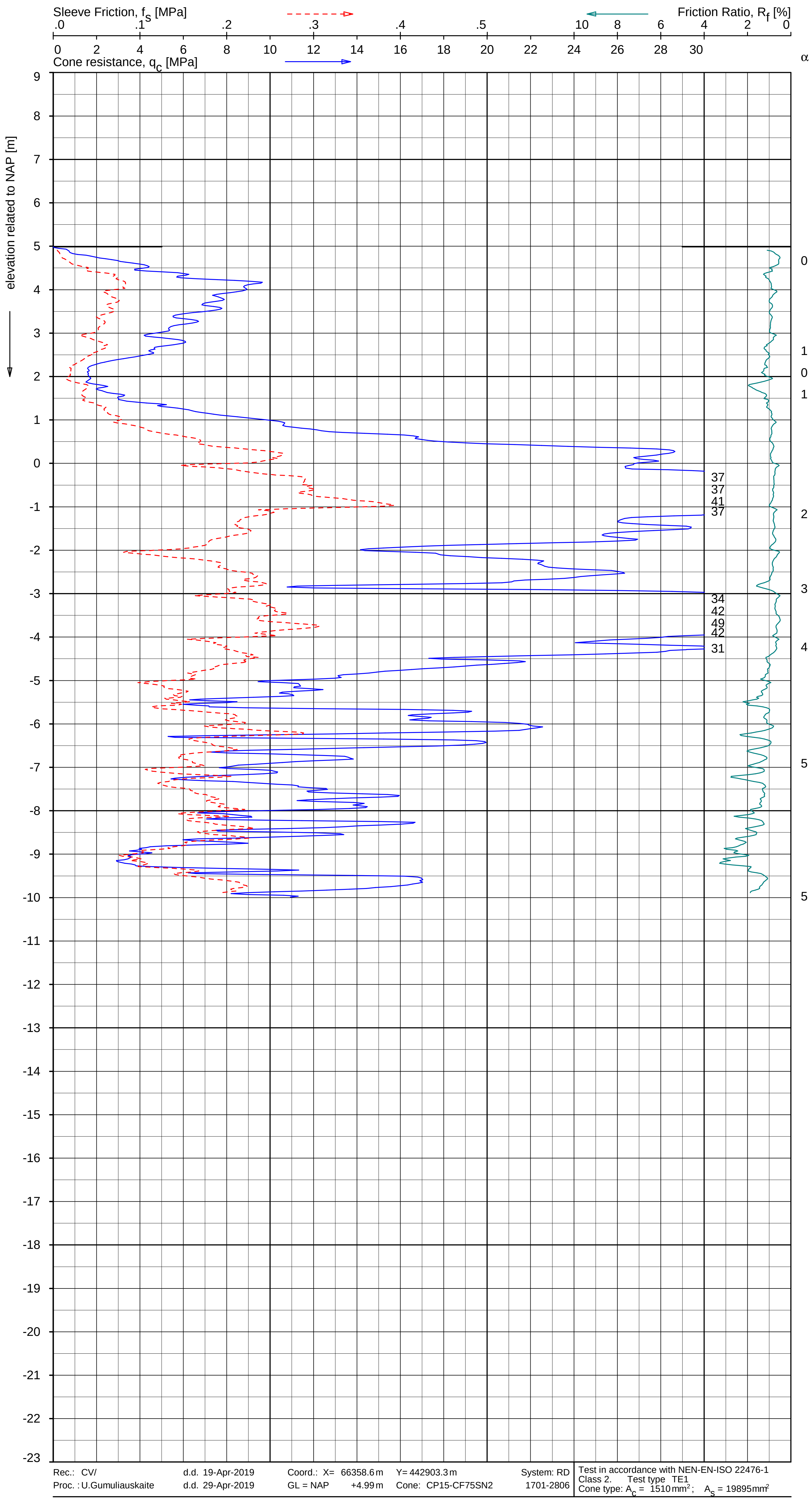
Rec.: CV/ d.d. 19-Apr-2019 Coord.: X= 66340.5 m Y= 442911.8 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.98 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

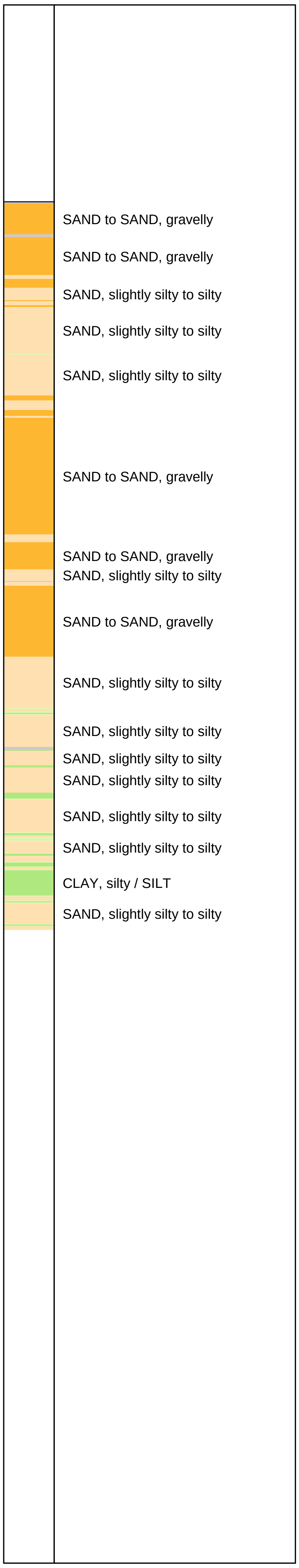
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT076



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:57:48

1018-0481-001

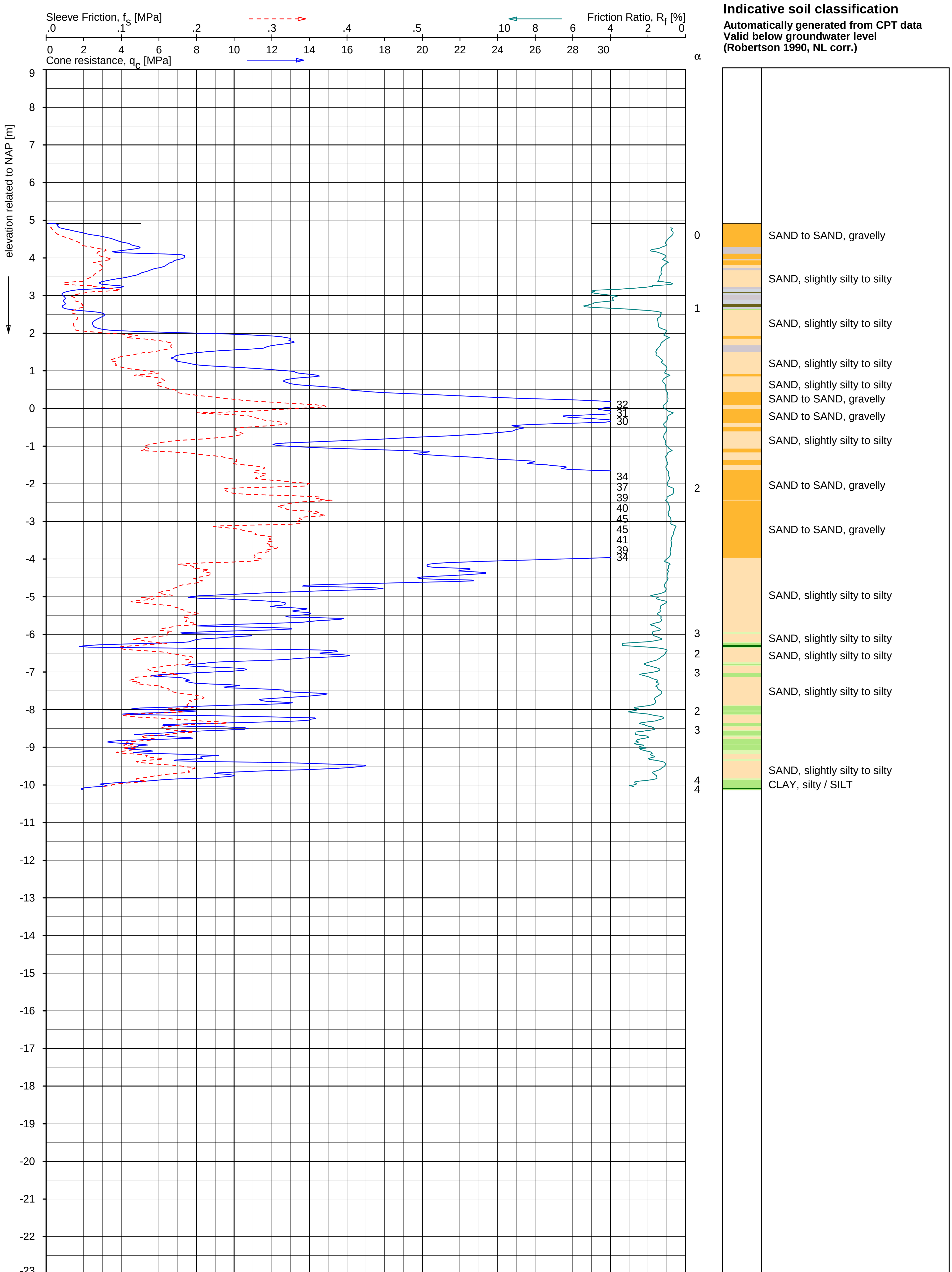
CPT077 - 1

Rec.: CV/	d.d. 19-Apr-2019	Coord.: X= 66358.6 m Y= 442903.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT077

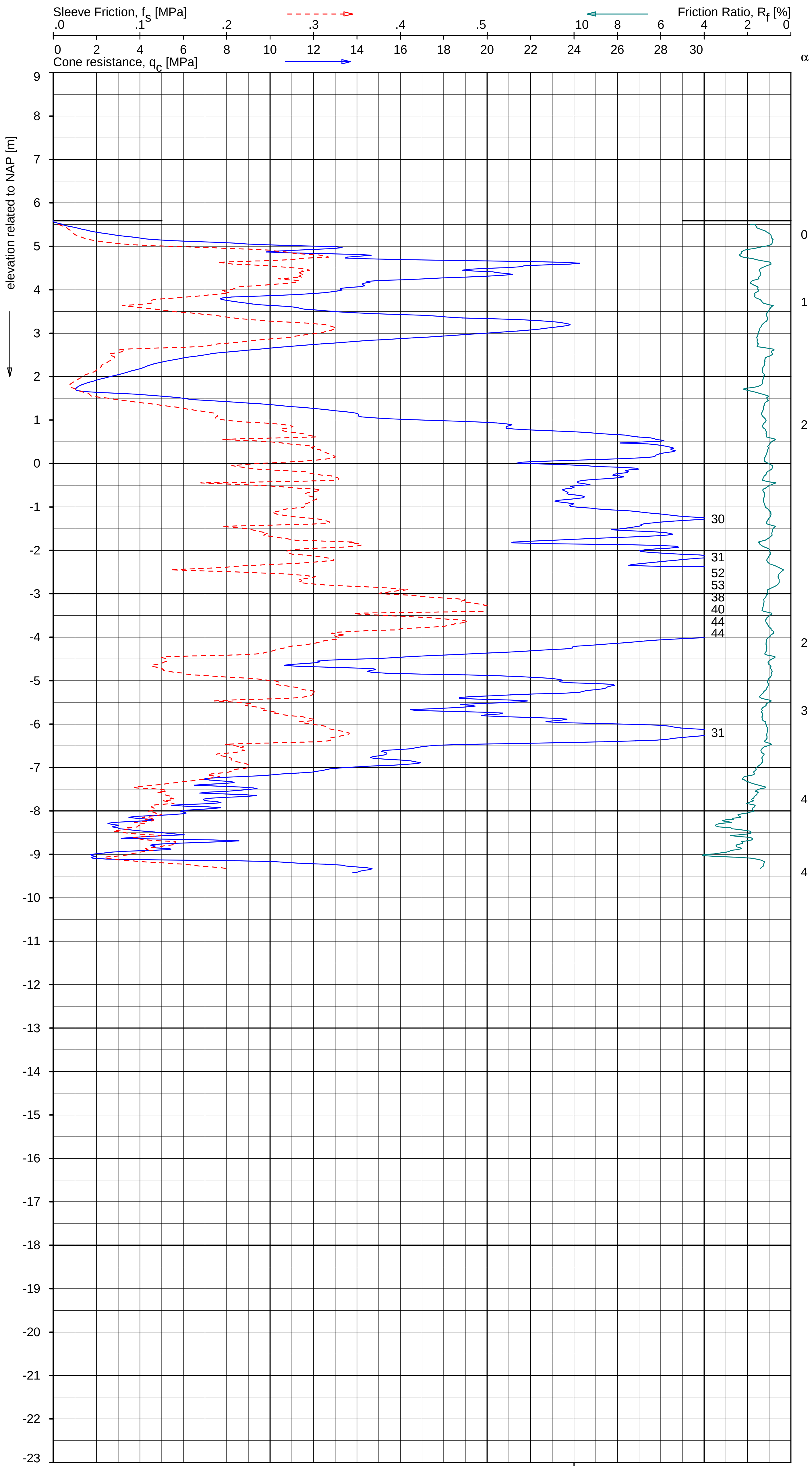


Rec.: CV/	d.d. 23-Apr-2019	Coord.: X= 66376.7 m Y= 442894.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.92 m Cone: CP15-CF75SN2	1701-2782	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

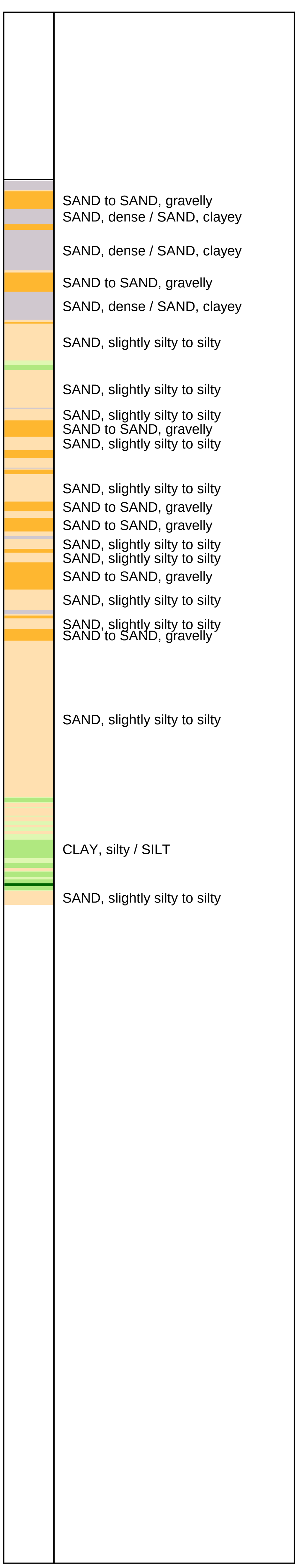
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT078



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



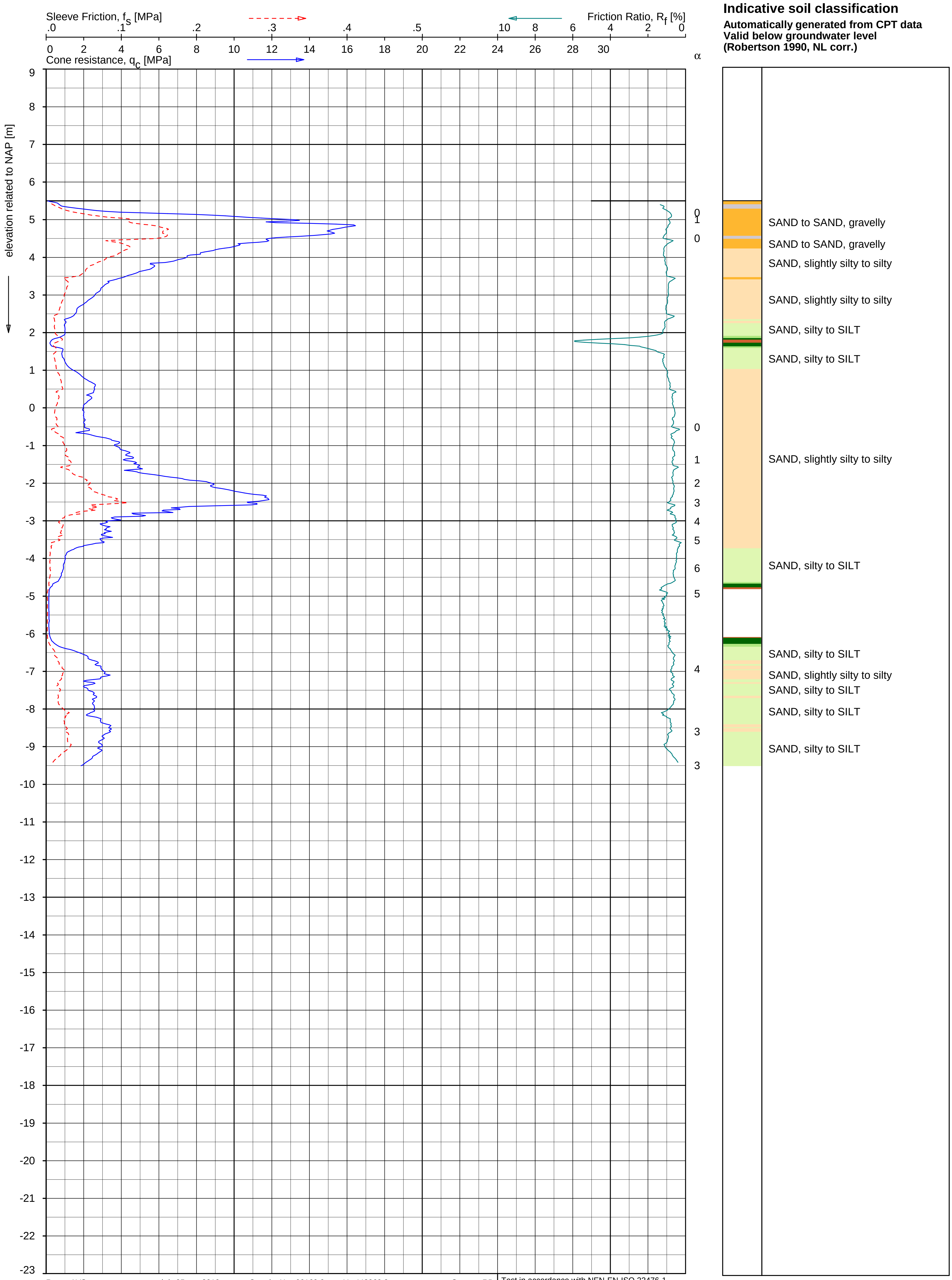
Rec.: AVS	d.d. 04-Apr-2019	Coord.: X= 66150.9 m	Y= 442978.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.59 m	Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT079

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-13 16:15:14



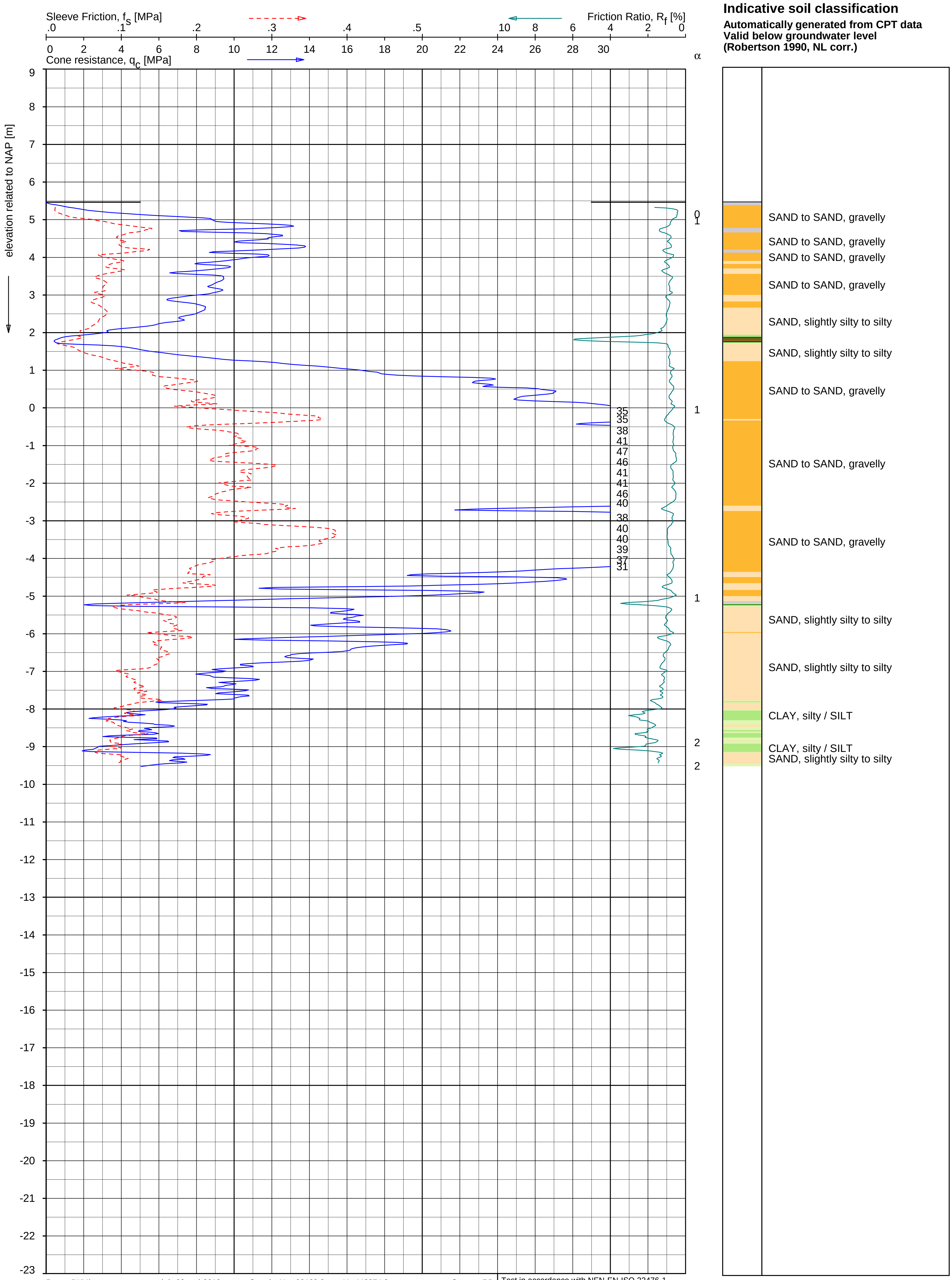
Rec.: AVS	d.d. 05-apr-2019	Coord.: X= 66169.0 m	Y= 442969.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: U.Gumuliauskaite	d.d. 29-apr-2019	GL = NAP +5.50 m	Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT080

1018-0481-001



1018-0481-001

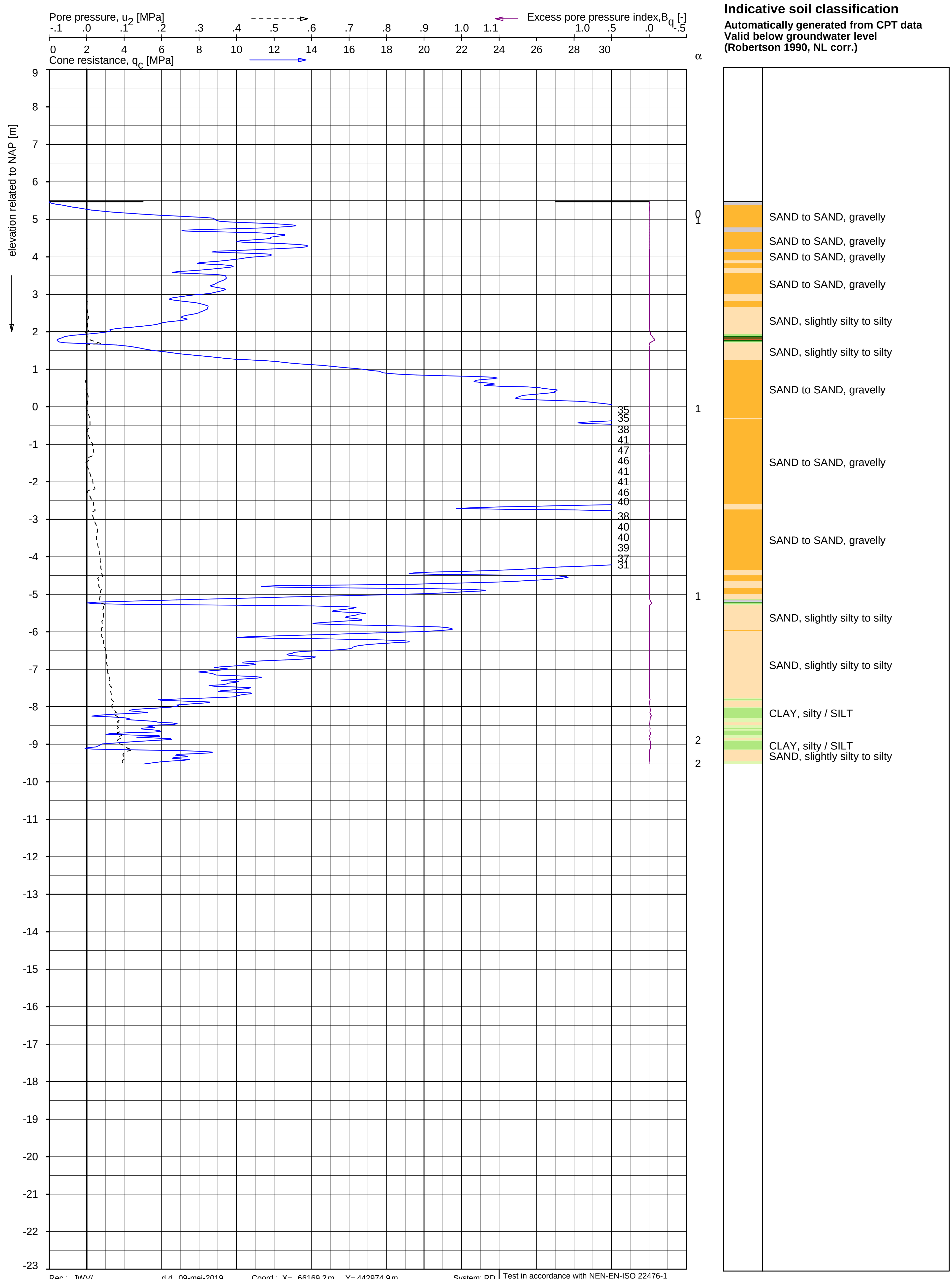
ECPT080 - 1

Rec.: JWV/	d.d. 09-mei-2019	Coord.: X= 66169.2 m Y= 442974.9 m System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : F.DEVALK	d.d. 17-mei-2019	GL = NAP +5.47 m Cone: CP15-CF75PB1E1SN2 1701-2455	Class 2. Test type TE2 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt ECPT080



UNIPLOT 05.36.nl / QcU2Class-R3.cmd / 2019-05-17 14:50:28

1018-0481-001

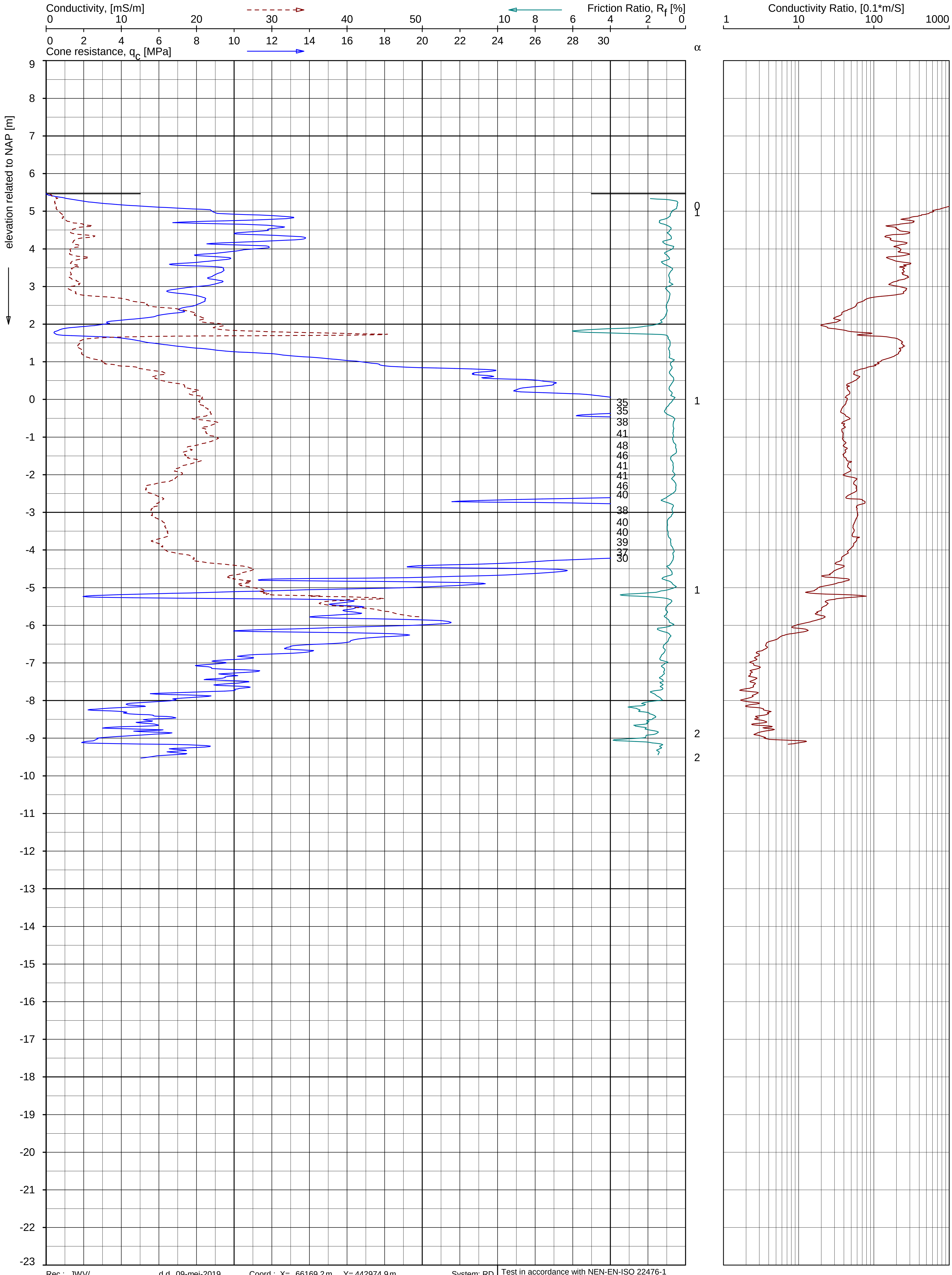
ECPT080 - 1

Rec.: JWV/	d.d. 09-mei-2019	Coord.: X= 66169.2 m Y= 442974.9 m System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : F.DEVALK	d.d. 17-mei-2019	GL = NAP +5.47 m Cone: CP15-CF75PB1E1SN2 1701-2455	Class 2. Test type TE2 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

PIEZO CONE PENETRATION TEST

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt ECPT080



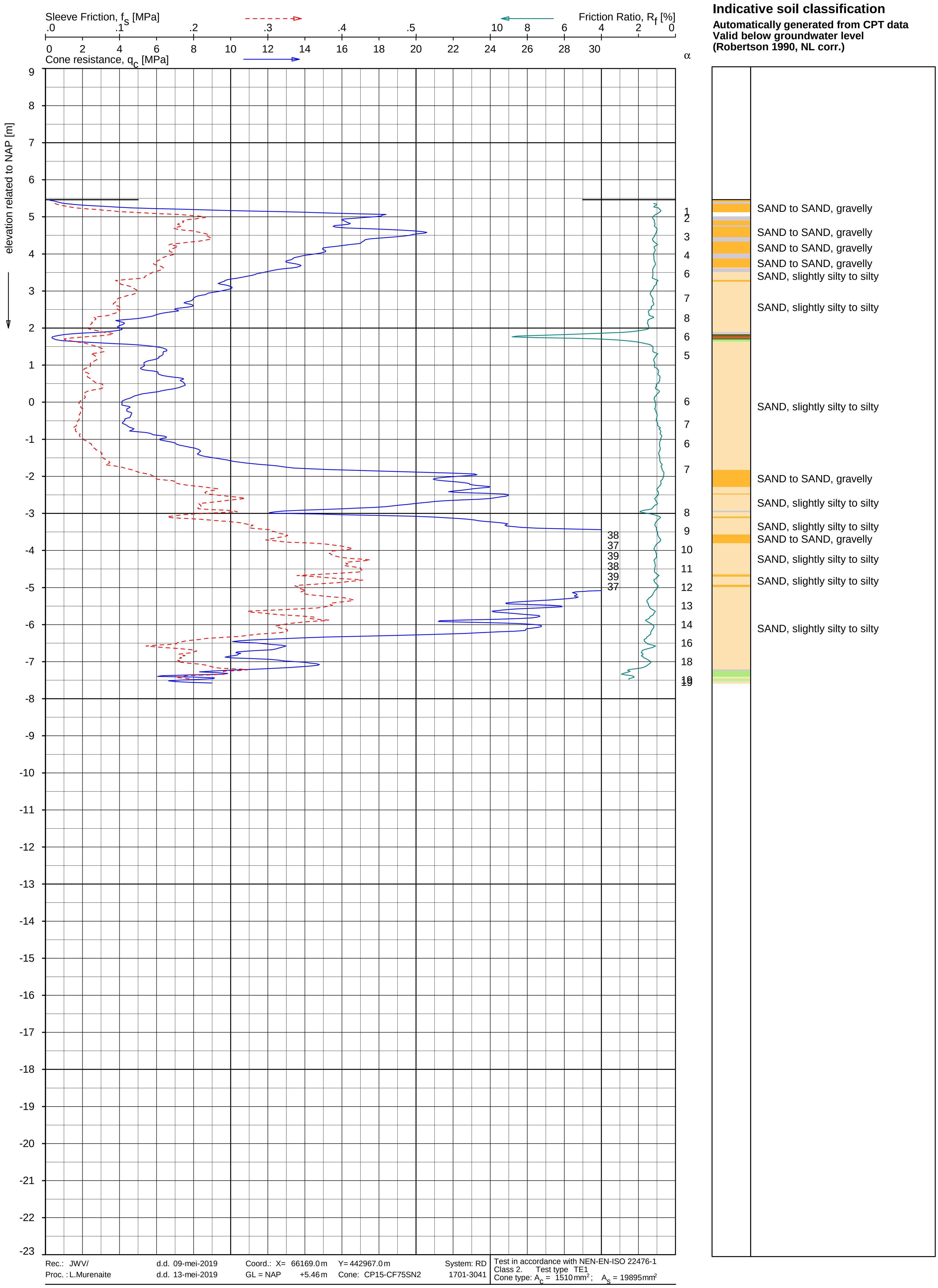
Rec.: JWV/	d.d. 09-mei-2019	Coord.: X= 66169.2 m	Y= 442974.9 m	System: RD
Proc. : F.DEVALK	d.d. 17-mei-2019	GL = NAP +5.47 m	Cone: CP15-CF75PB1E1SN2 1701-2455	

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE2
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH CONDUCTIVITY

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt ECPT080



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-17 13:44:28

1018-0481-001

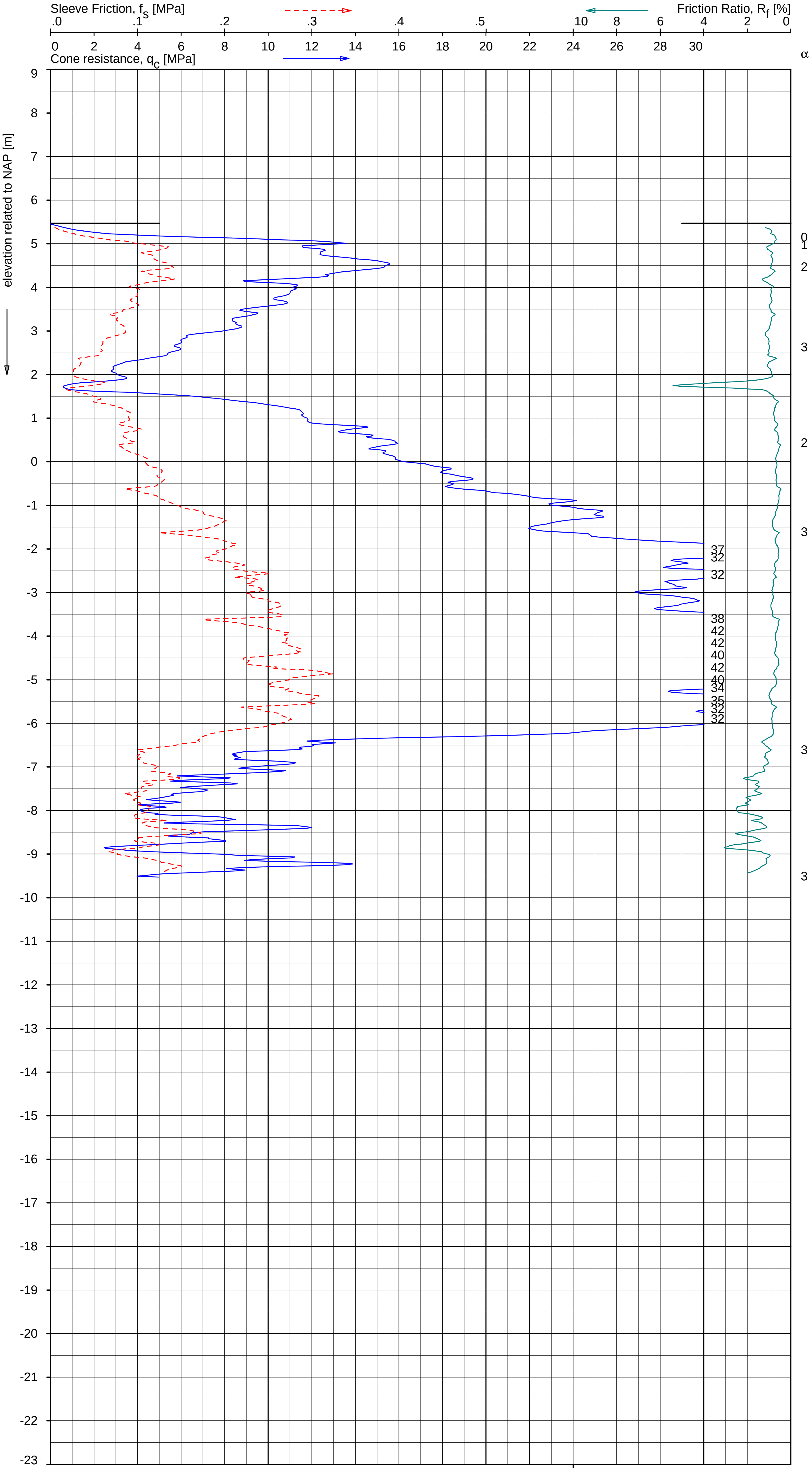
CPT080A - 1

Rec.: JWV/	d.d. 09-mei-2019	Coord.: X= 66169.0 m Y= 442967.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 13-mei-2019	GL = NAP +5.46 m Cone: CP15-CF75SN2	1701-3041	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

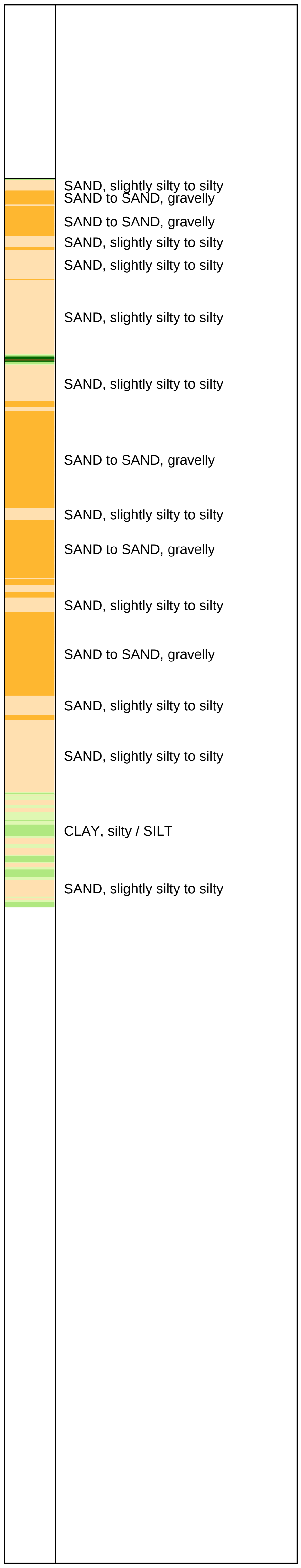
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT080A



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: JWV/	d.d. 09-mei-2019	Coord.: X= 66167.2 m	Y= 442966.6 m	System: RD
Proc. : L.MURENAITE	d.d. 13-mei-2019	GL = NAP +5.47 m	Cone: CP15-CF75PB1SN2	1701-1700

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE2
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

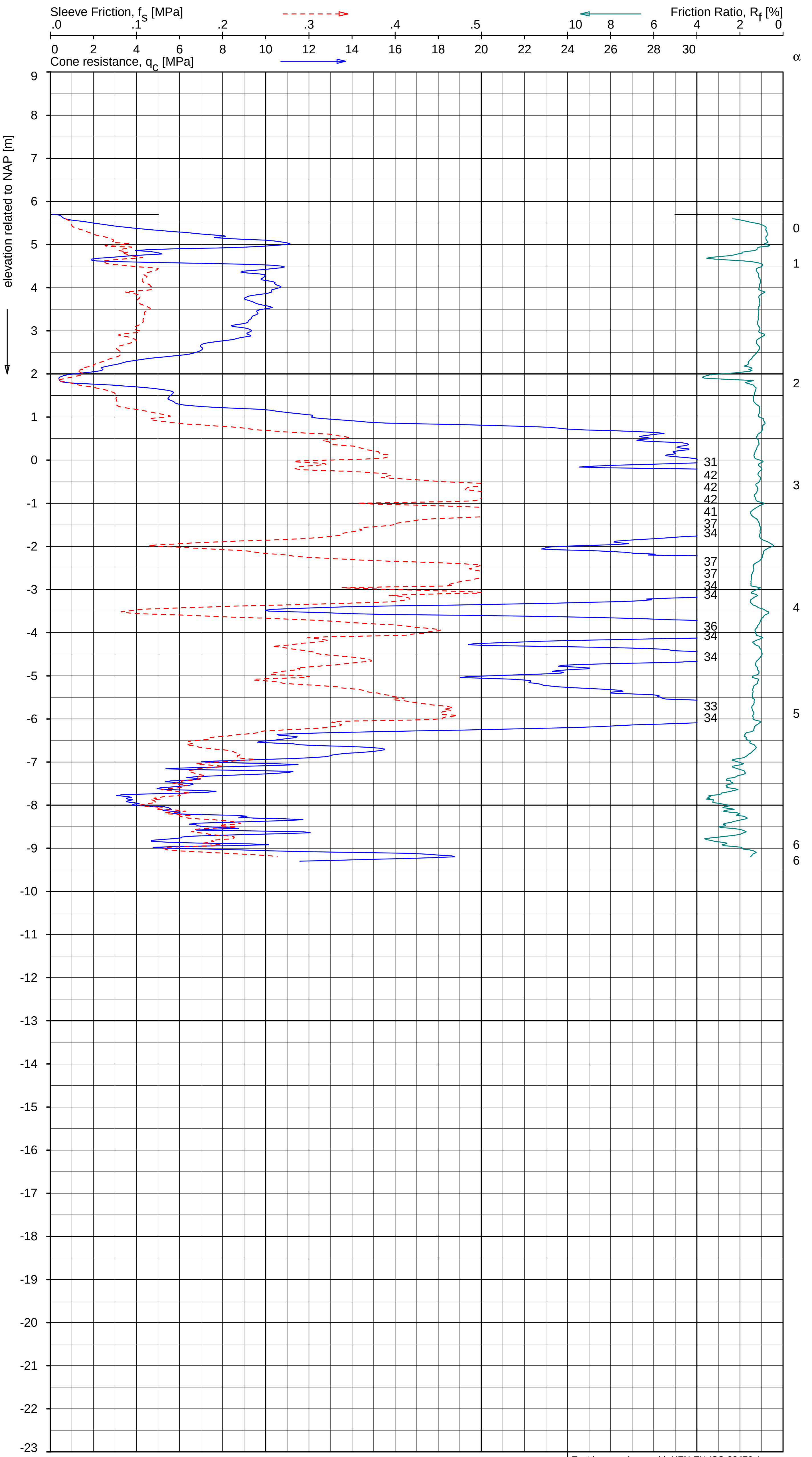
Proj. 1018-0481-001
Cpt CPT080B

UNIPLOT 05.36.nl / QcFsClass-R3.cmd / 2019-05-13 09:12:12

1018-0481-001

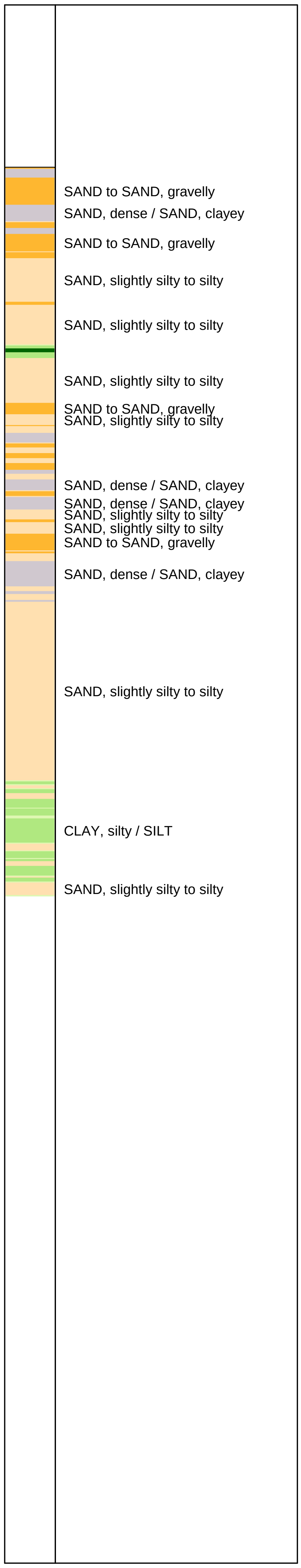
CPT080B - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:57:56



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: GEV/ d.d. 09-Apr-2019 Coord.: X= 66187.1 m Y= 442961.4 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.70 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

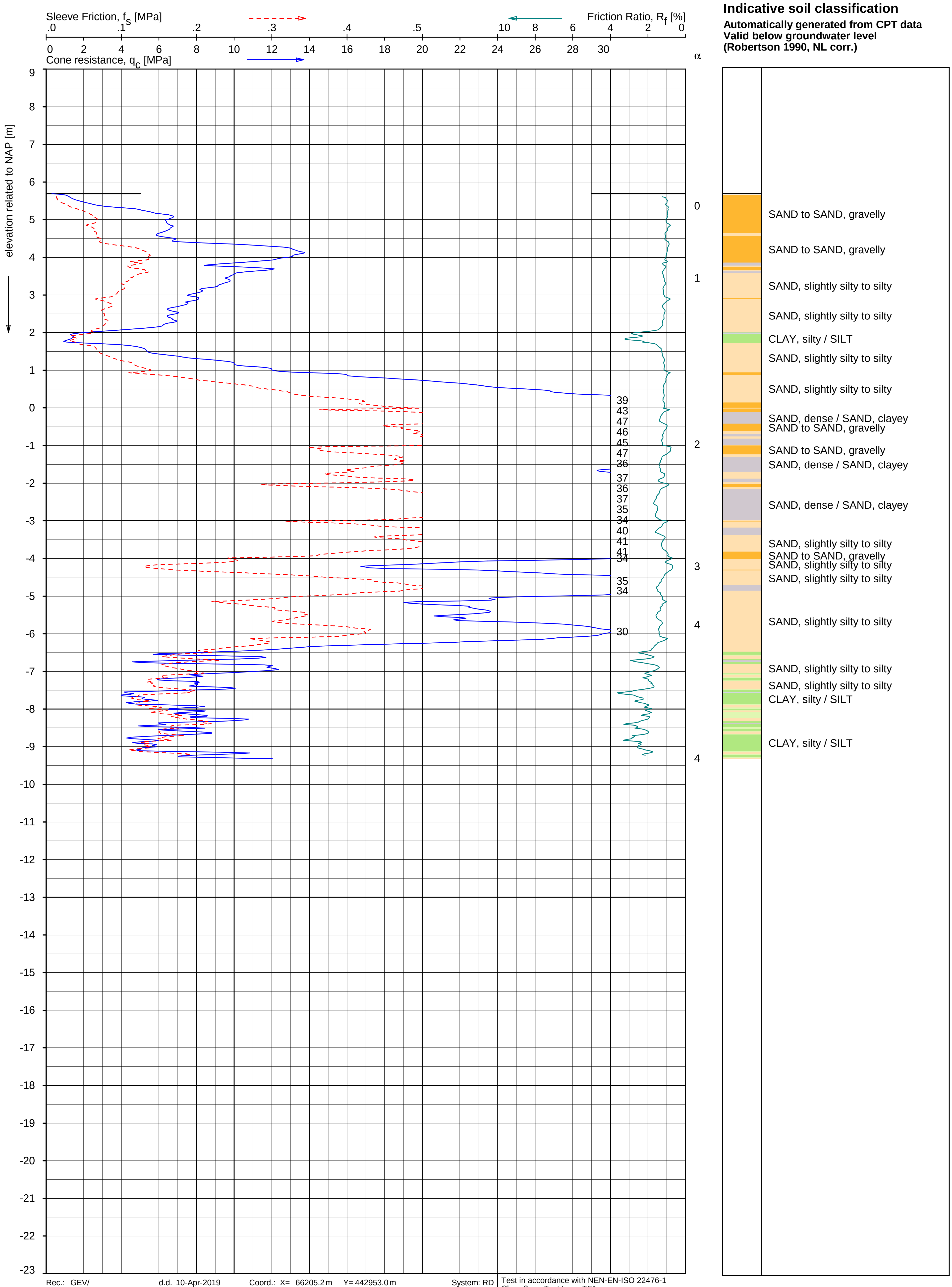
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT081

1018-0481-001

CPT081 - 1



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:57:27

1018-0481-001

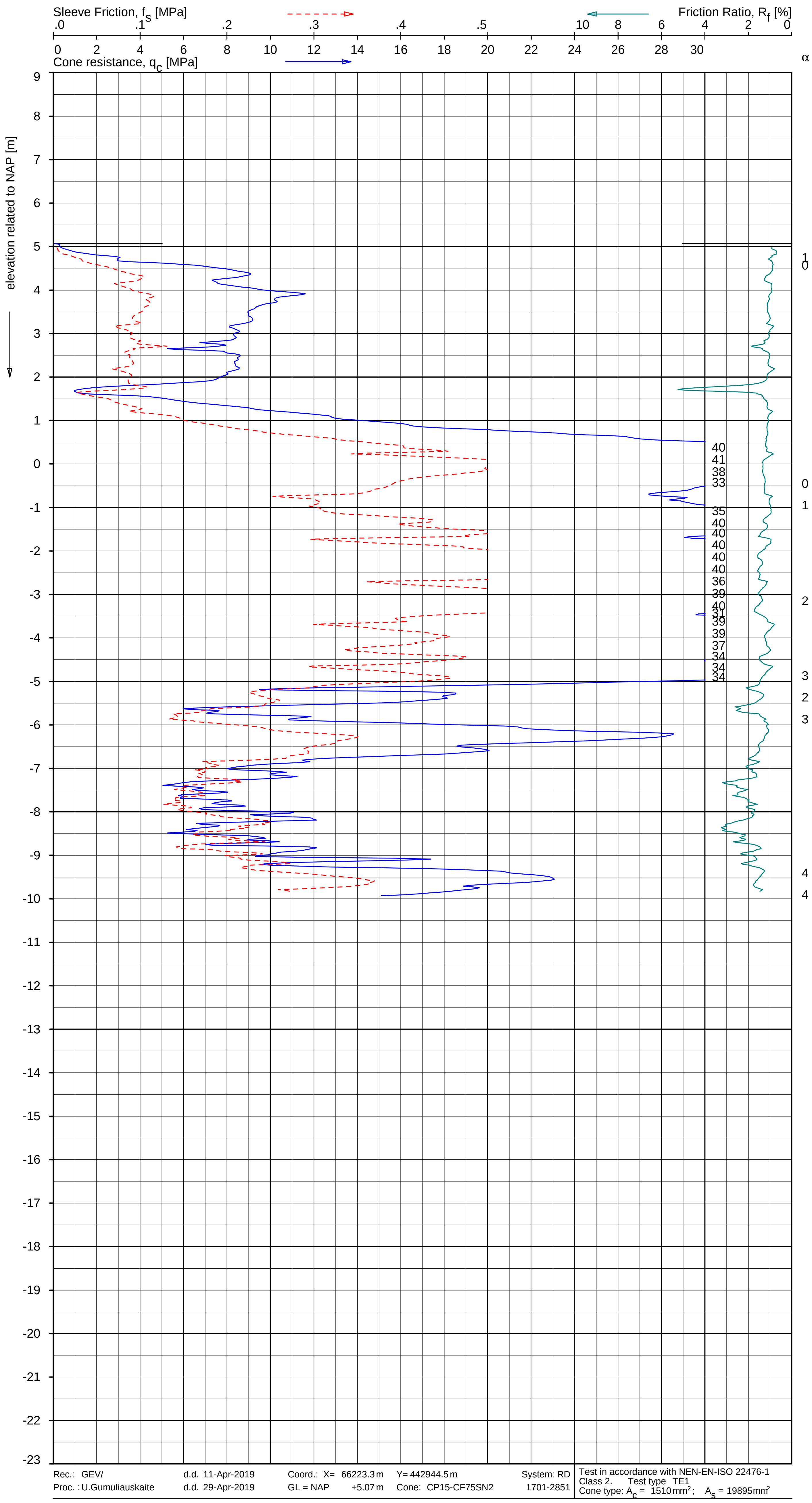
CPT082 - 1

Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66205.2 m Y= 442953.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.69 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

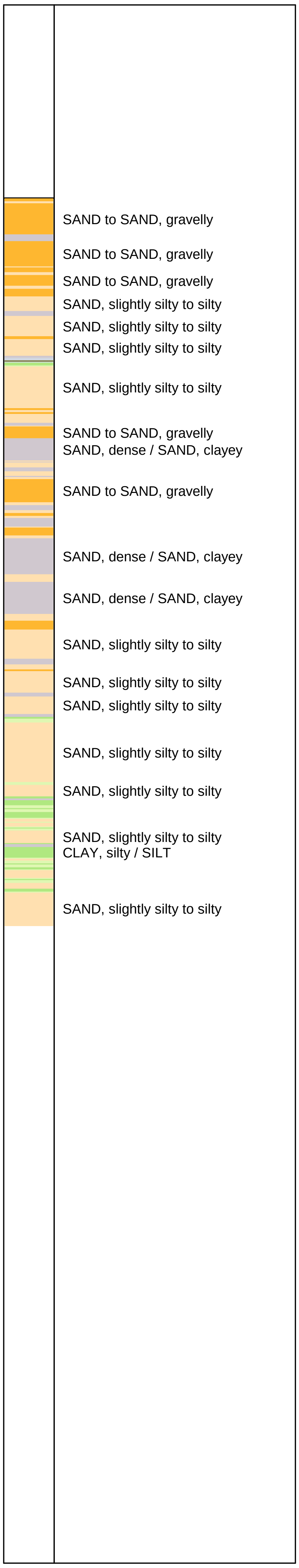
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT082



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

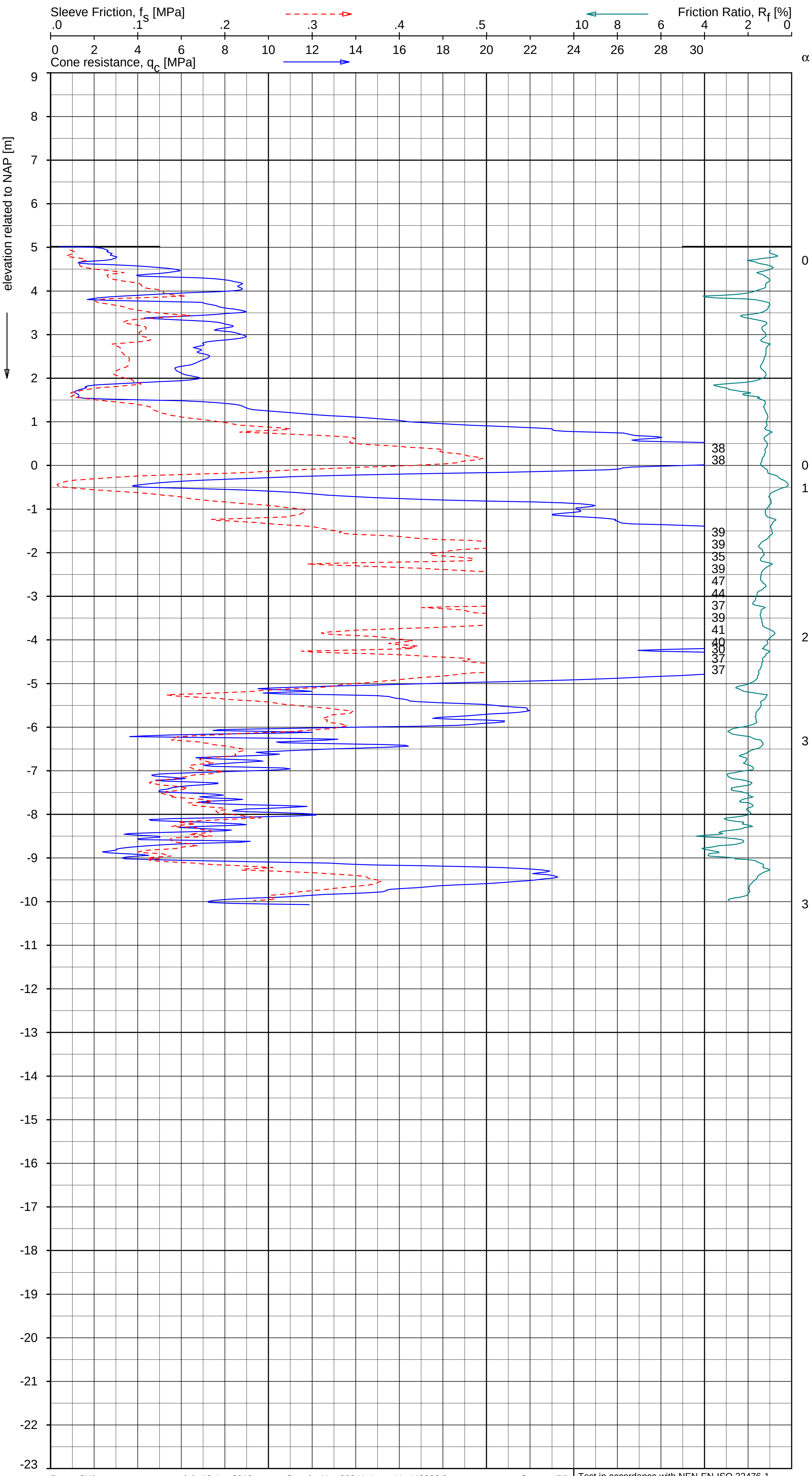


Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66223.3 m Y= 442944.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.07 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

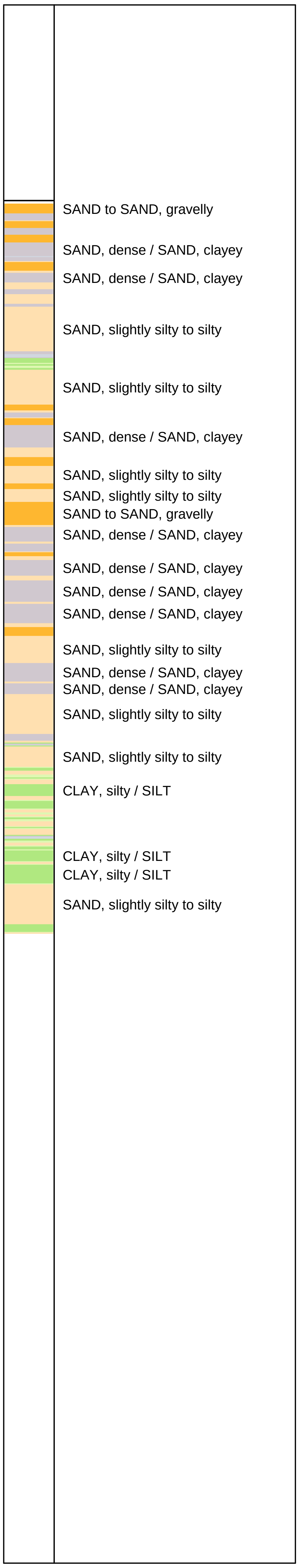
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT083



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



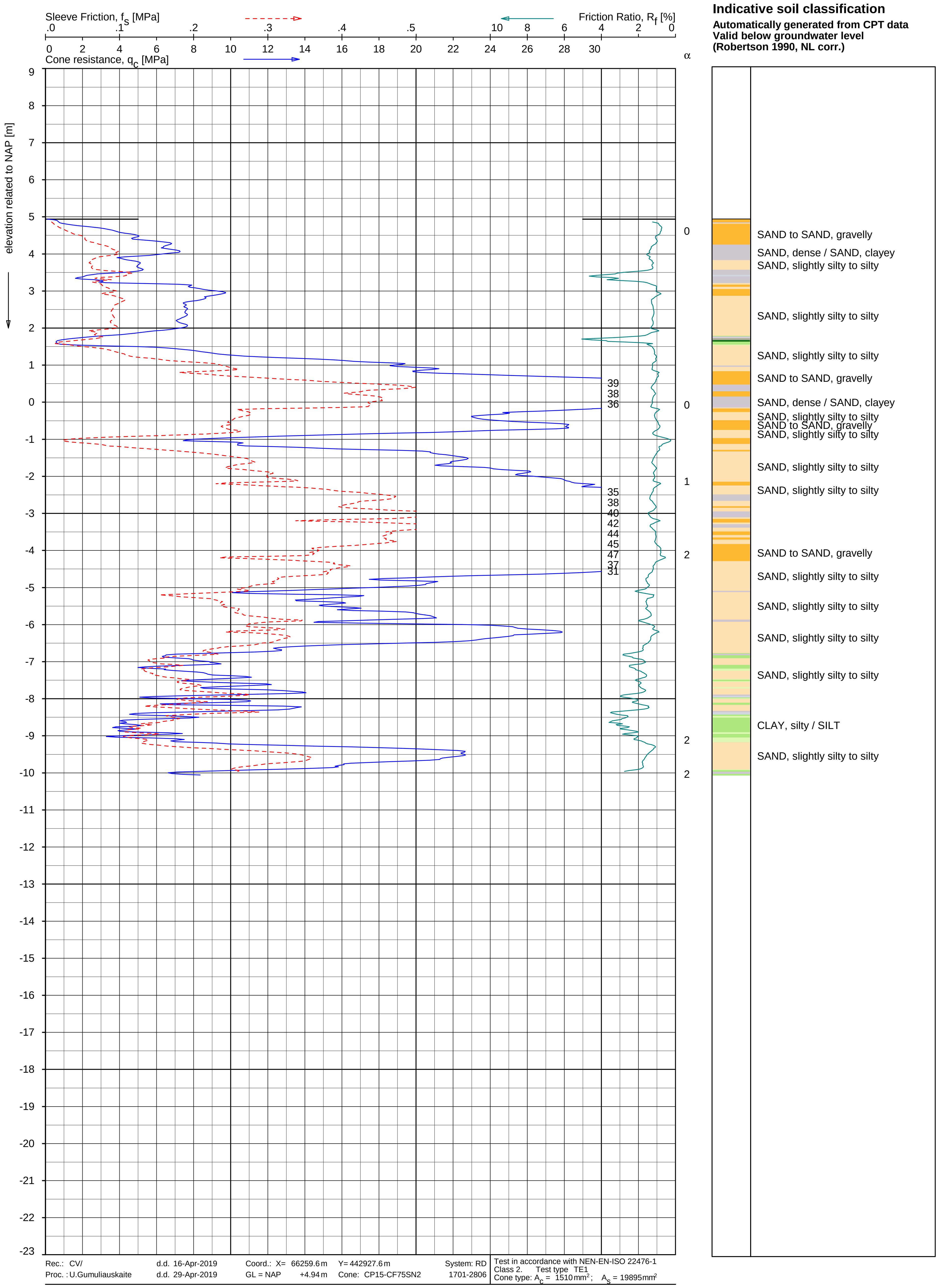
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:58:21

Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66241.4 m Y= 442936.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT084



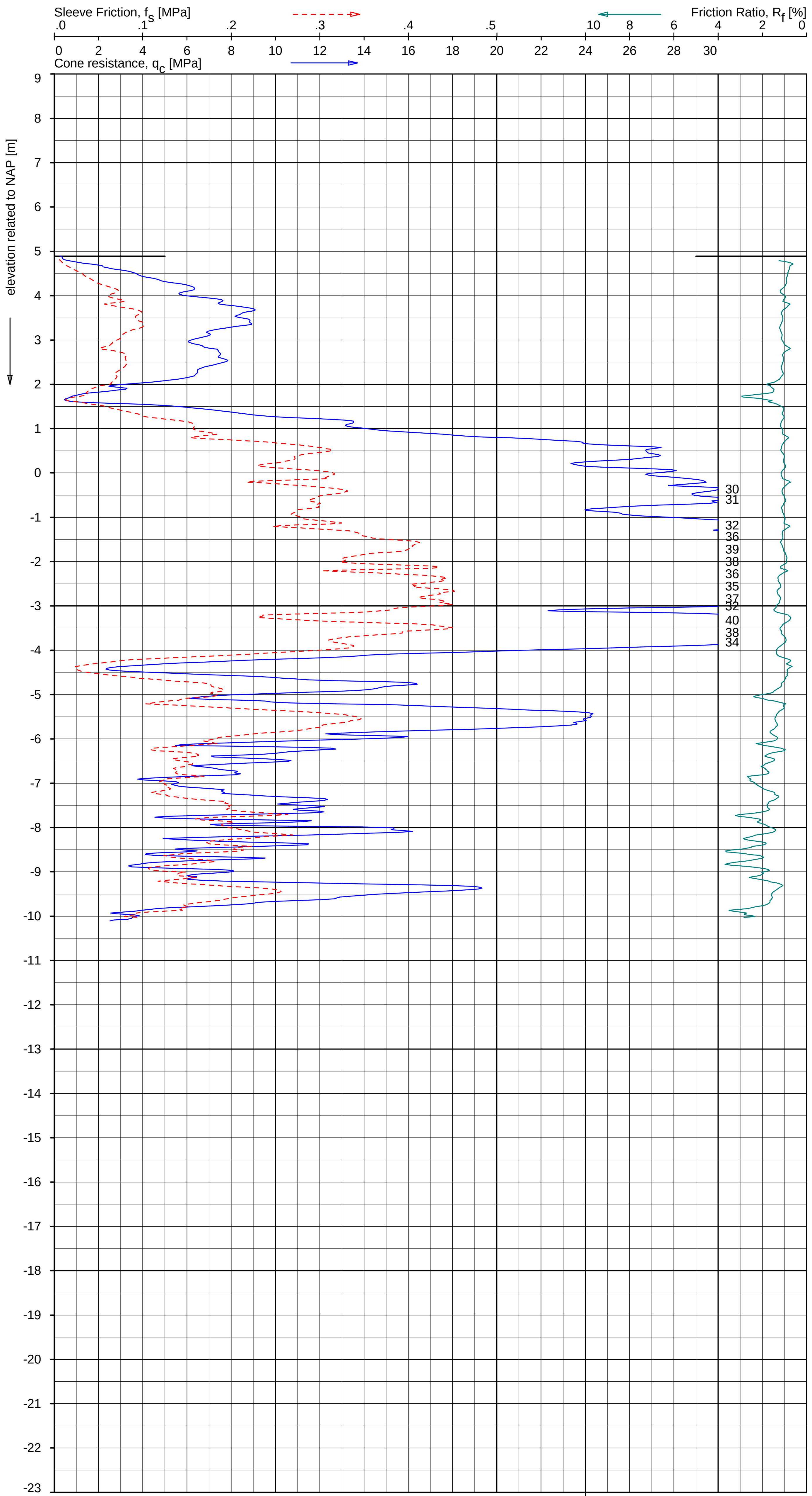
Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66259.6 m	Y= 442927.6 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.94 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT085



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT

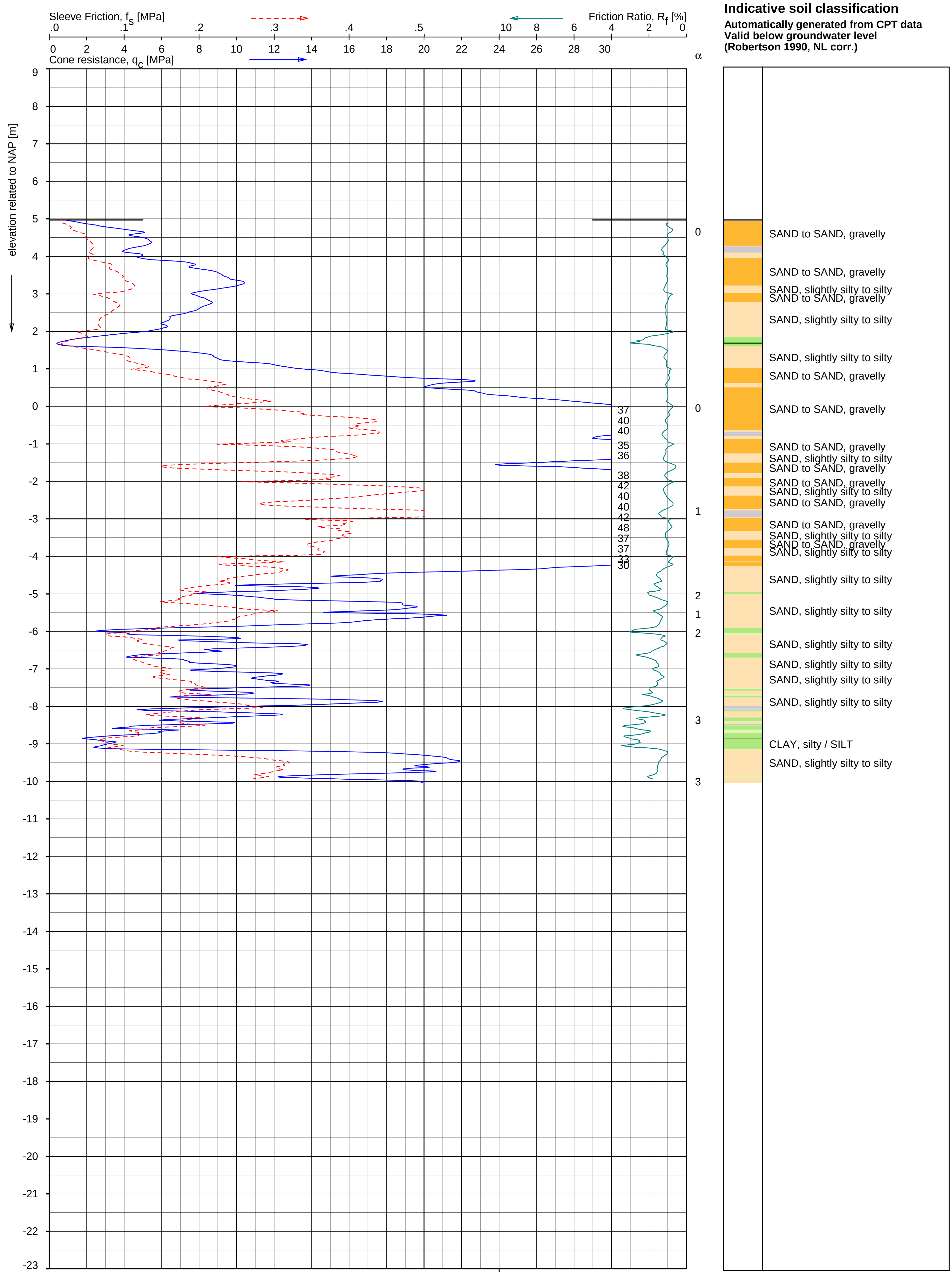
Rec.: CV/ d.d. 17-Apr-2019 Coord.: X= 66277.7 m Y= 442919.1 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.89 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT086



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-02 09:42:09

Rec.: CV/	d.d. 17-Apr-2019	Coord.: X= 66295.8 m Y= 442910.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 02-May-2019	GL = NAP +4.97 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

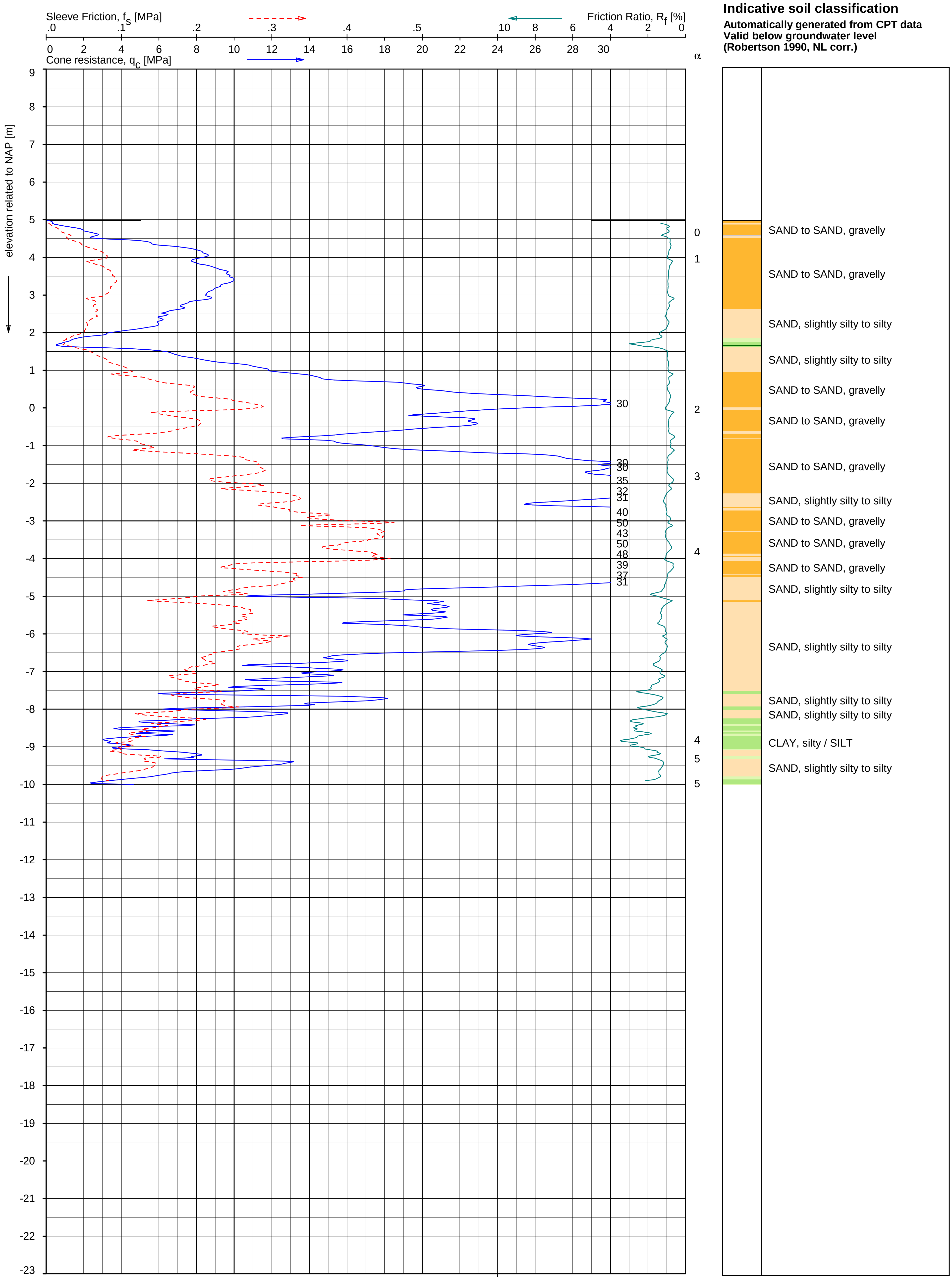
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT087

1018-0481-001

CPT087 - 1



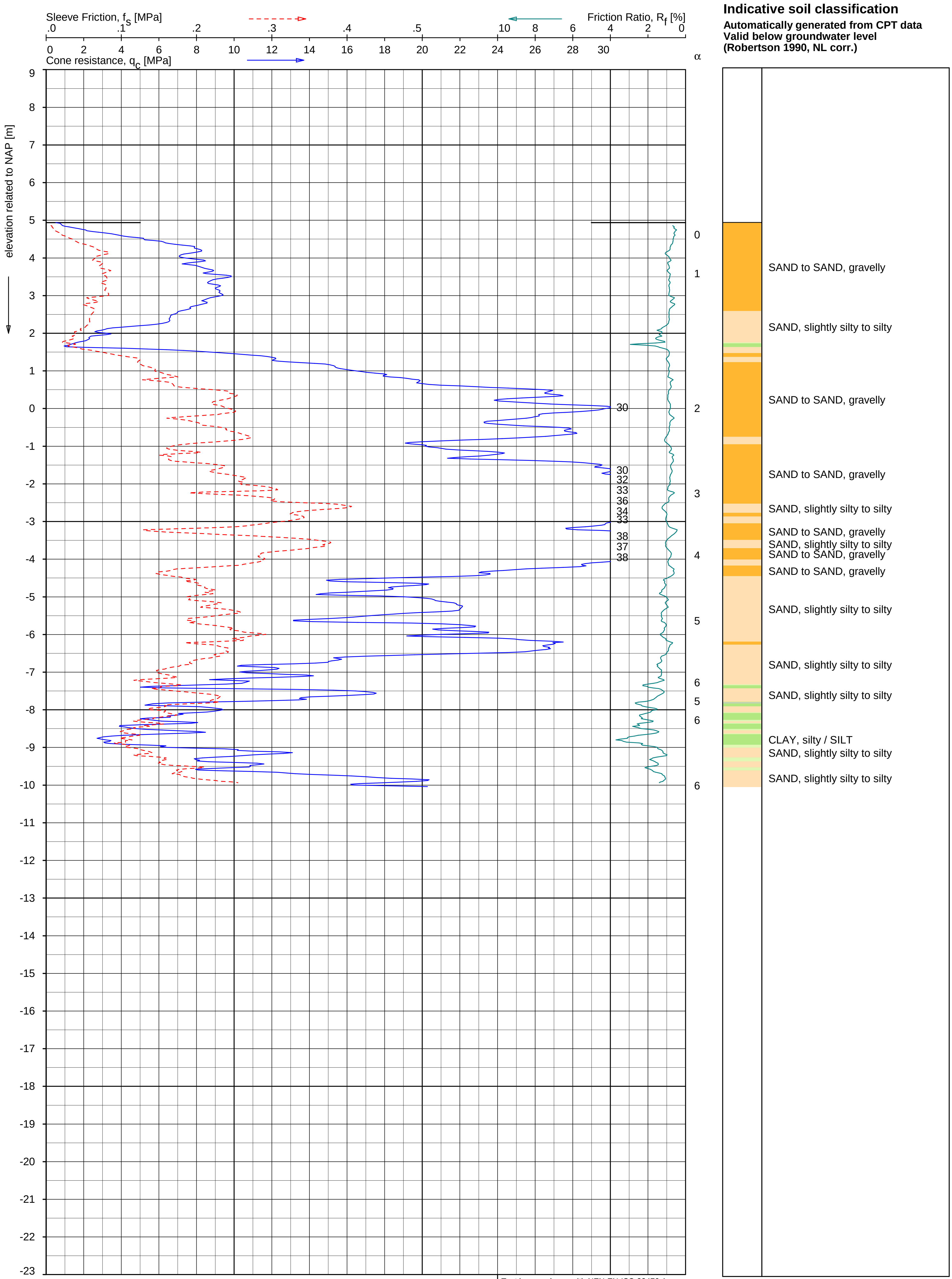
Rec.: CV/ d.d. 19-Apr-2019 Coord.: X= 66313.9 m Y= 442902.2 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.98 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT088



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:58:07

Rec.: CV/ d.d. 19-Apr-2019 Coord.: X= 66332.1 m Y= 442893.7 m System: RD

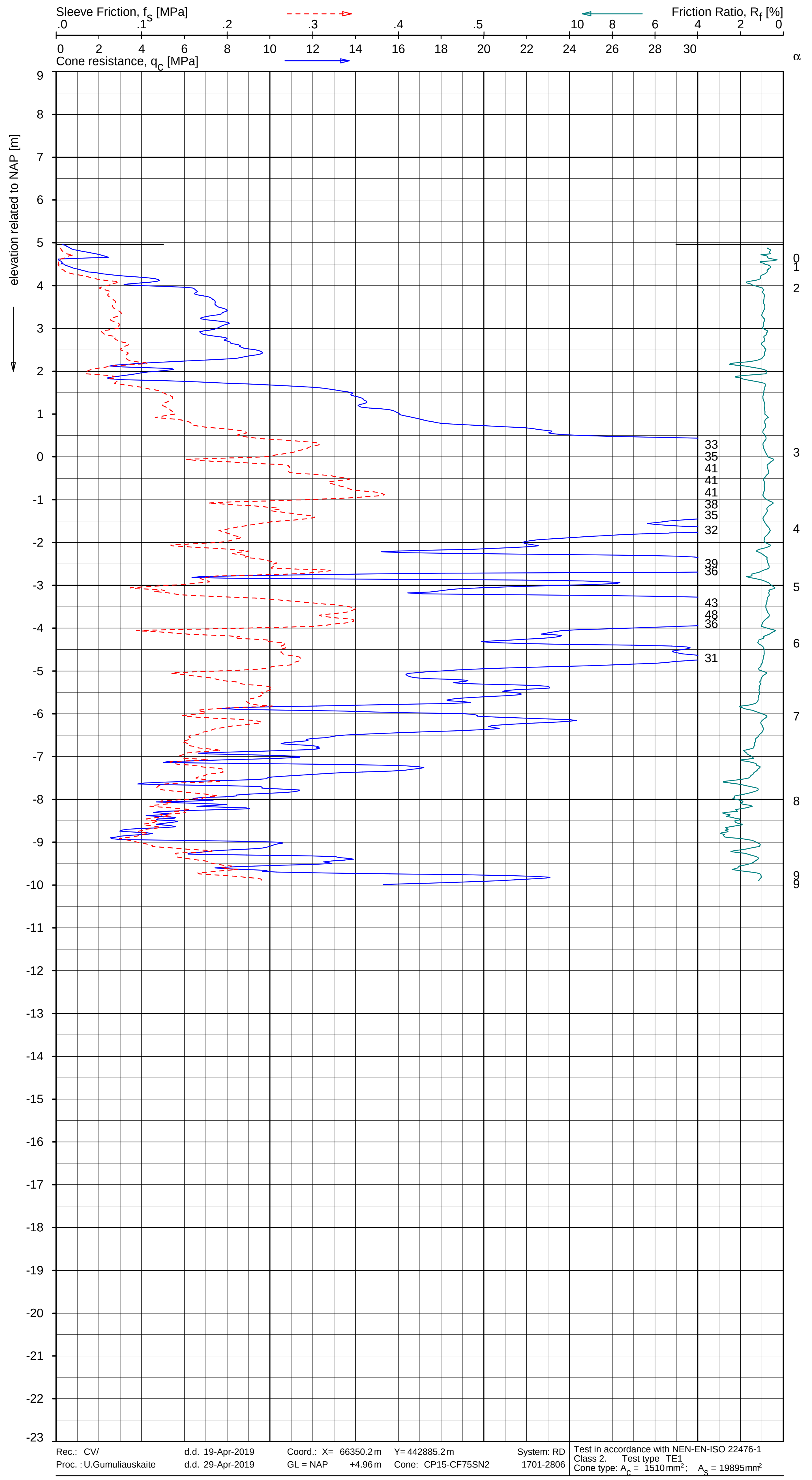
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT089



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: CV/	d.d. 19-Apr-2019	Coord.: X= 66350.2 m Y= 442885.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.96 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

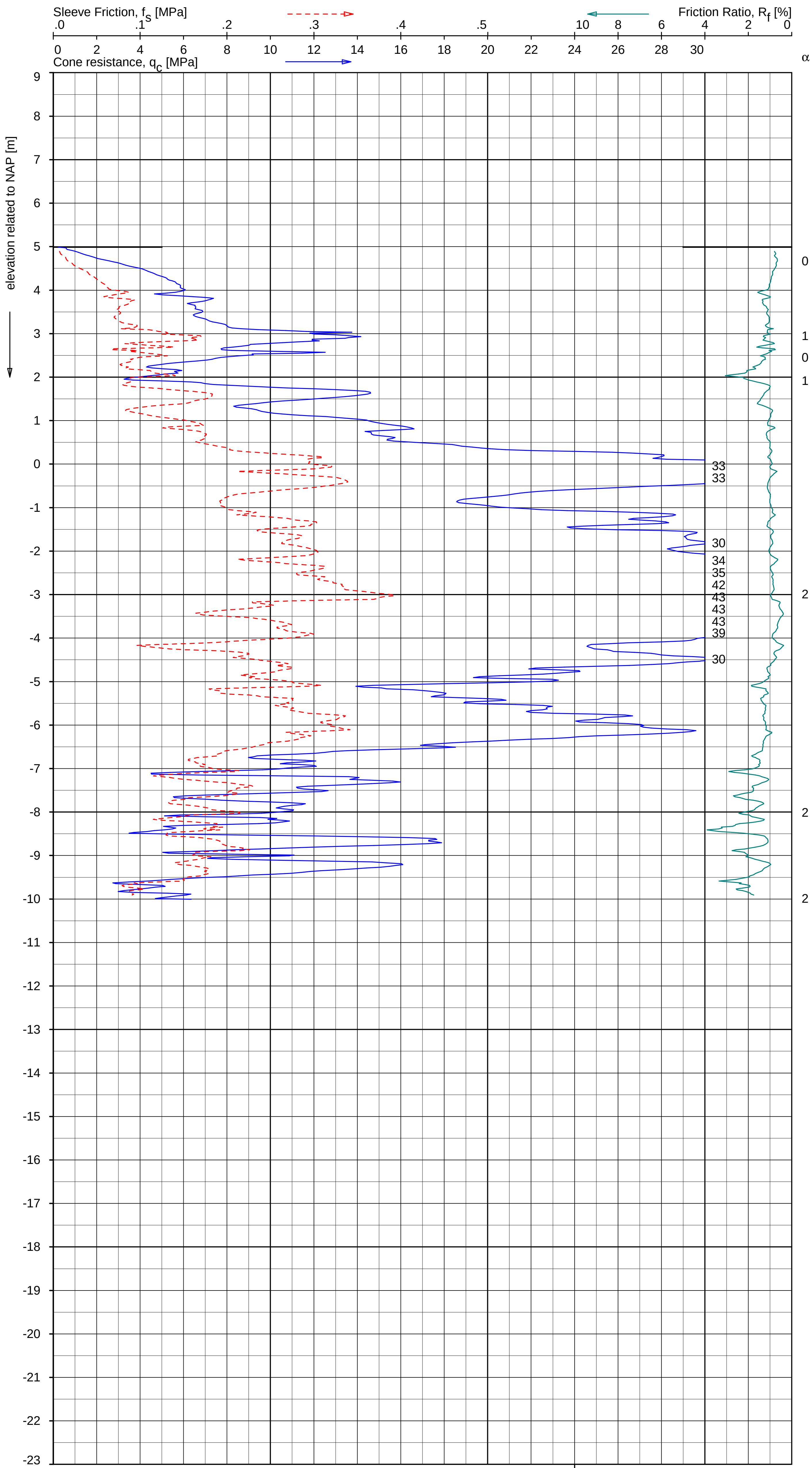
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT090

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:59:08

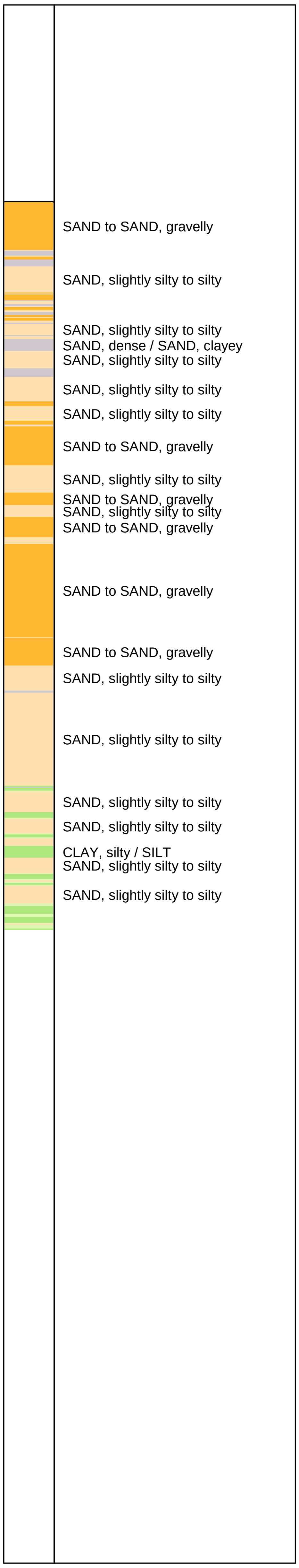
1018-0481-001

CPT090 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

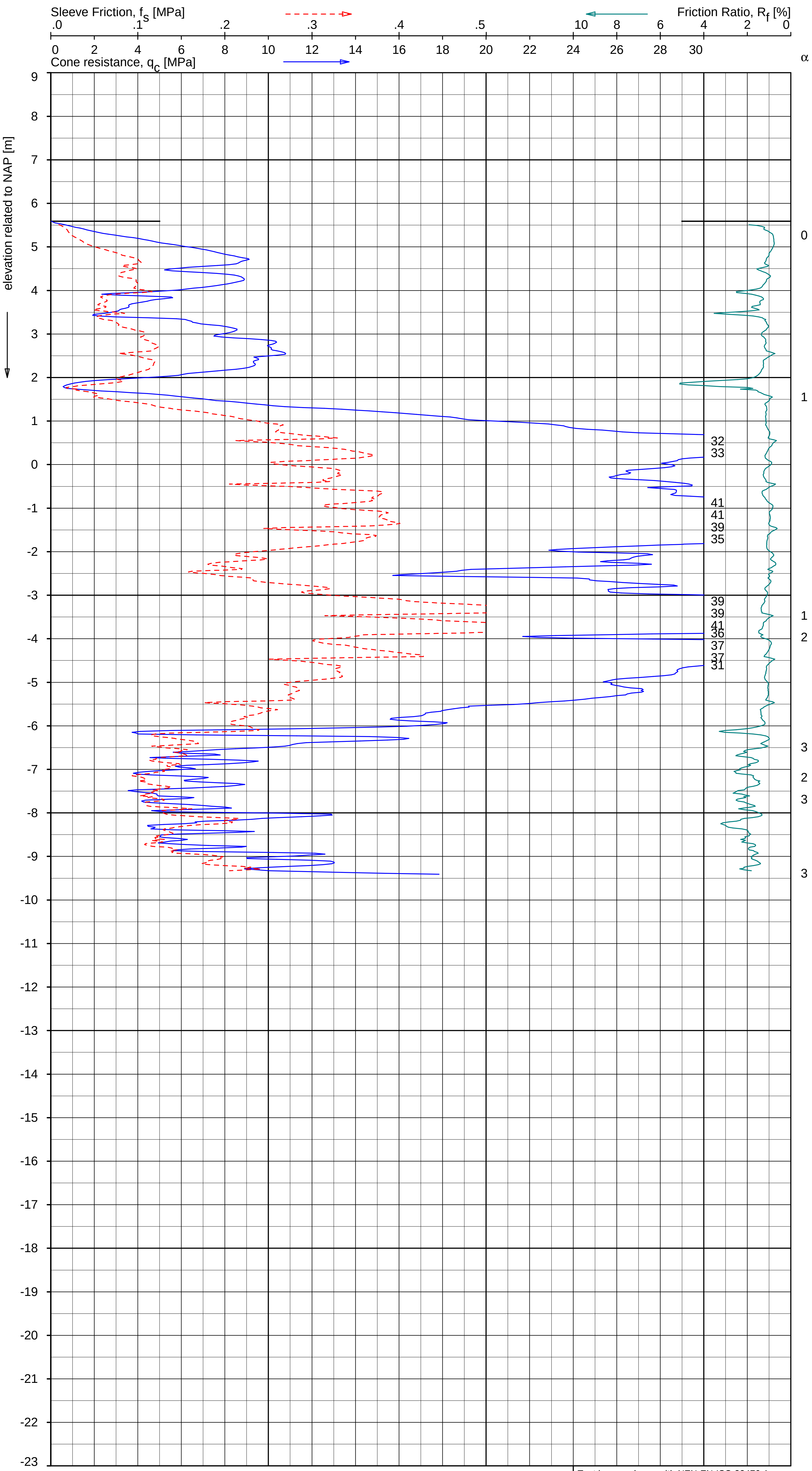


Rec.: CV/	d.d. 23-Apr-2019	Coord.: X= 66368.3 m Y= 442876.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2782	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

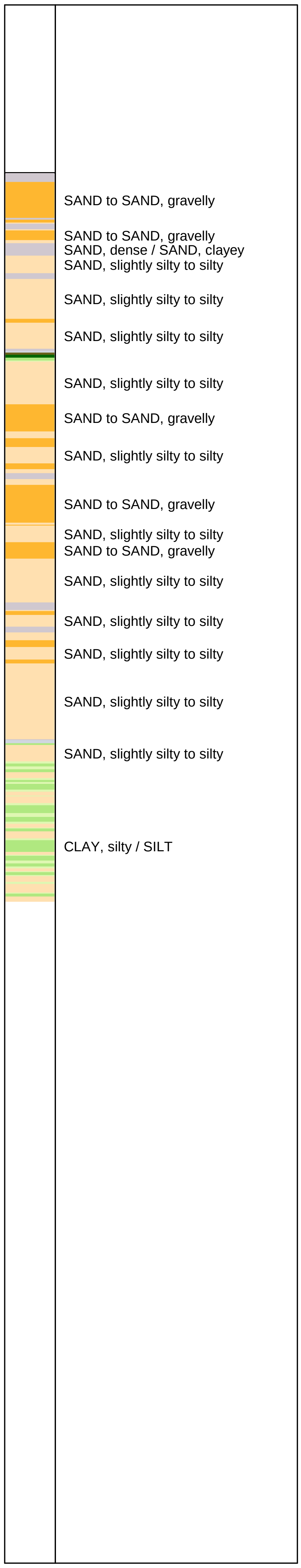
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT091



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS	d.d. 04-Apr-2019	Coord.: X= 66142.4 m Y= 442960.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.59 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

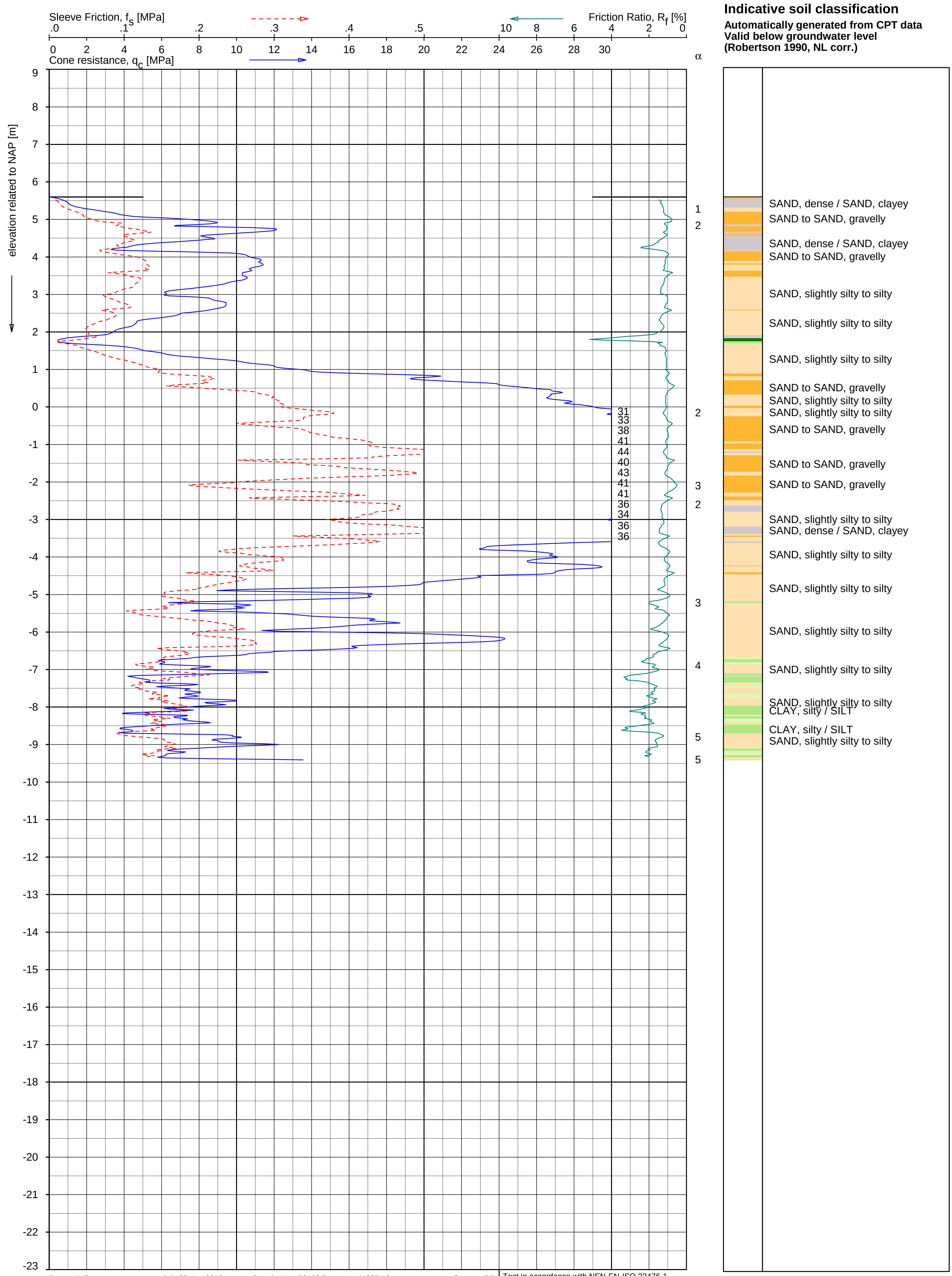
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT092

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:58:39

1018-0481-001

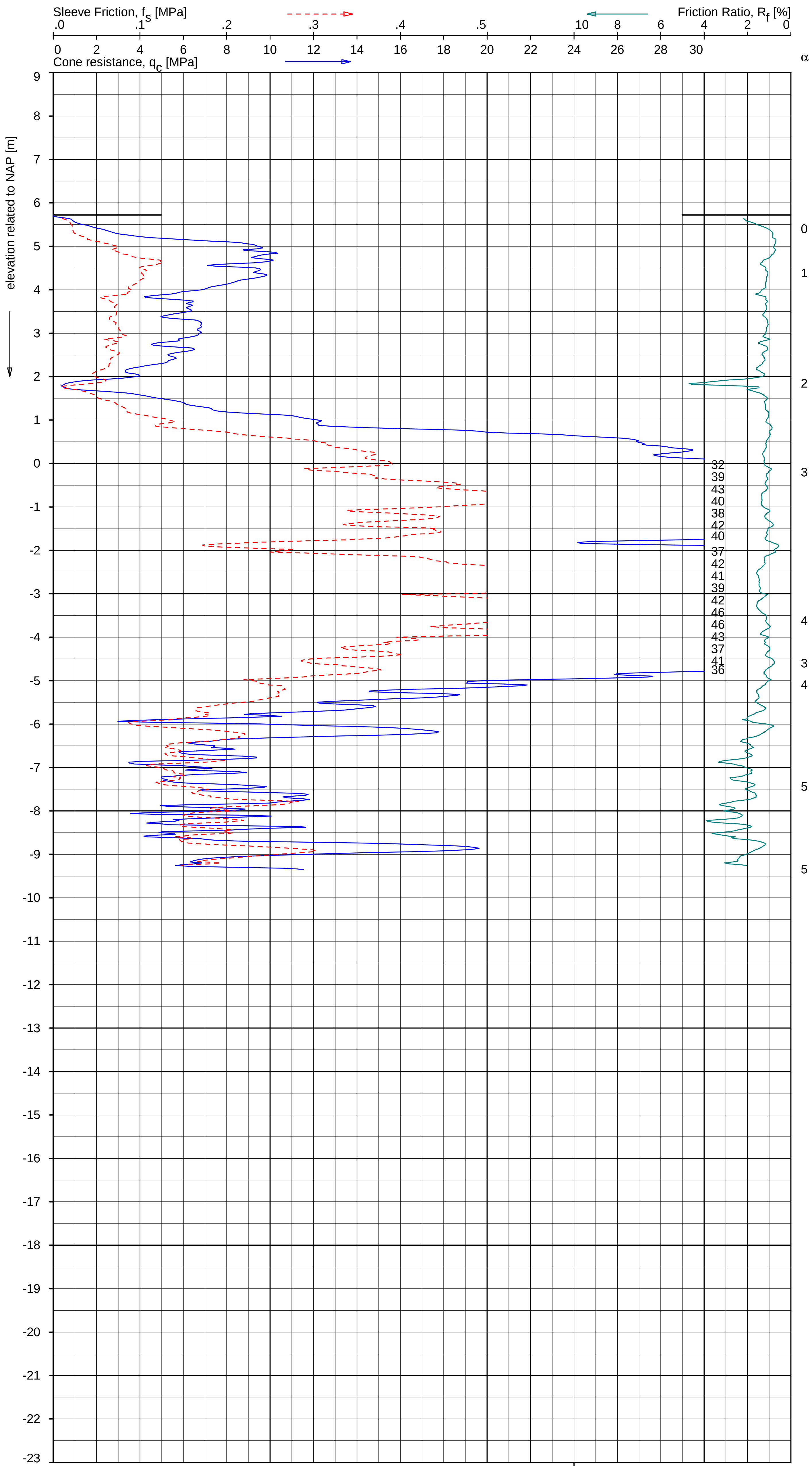


Rec.: AVS Proc. : U.Gumuliauskaite	d.d. 05-Apr-2019 d.d. 29-Apr-2019	Coord.: X= 66160.5 m Y= 442951.8 m GL = NAP +5.60 m Cone: CP15-CF75SN2	System: RD 1701-2674	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

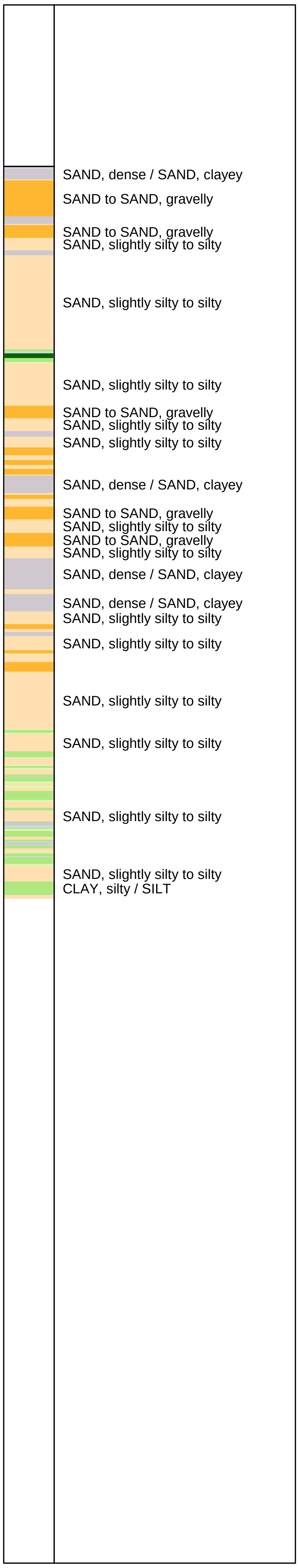
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT093



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: GEV/	d.d. 09-Apr-2019	Coord.: X= 66178.6 m Y= 442943.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.72 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

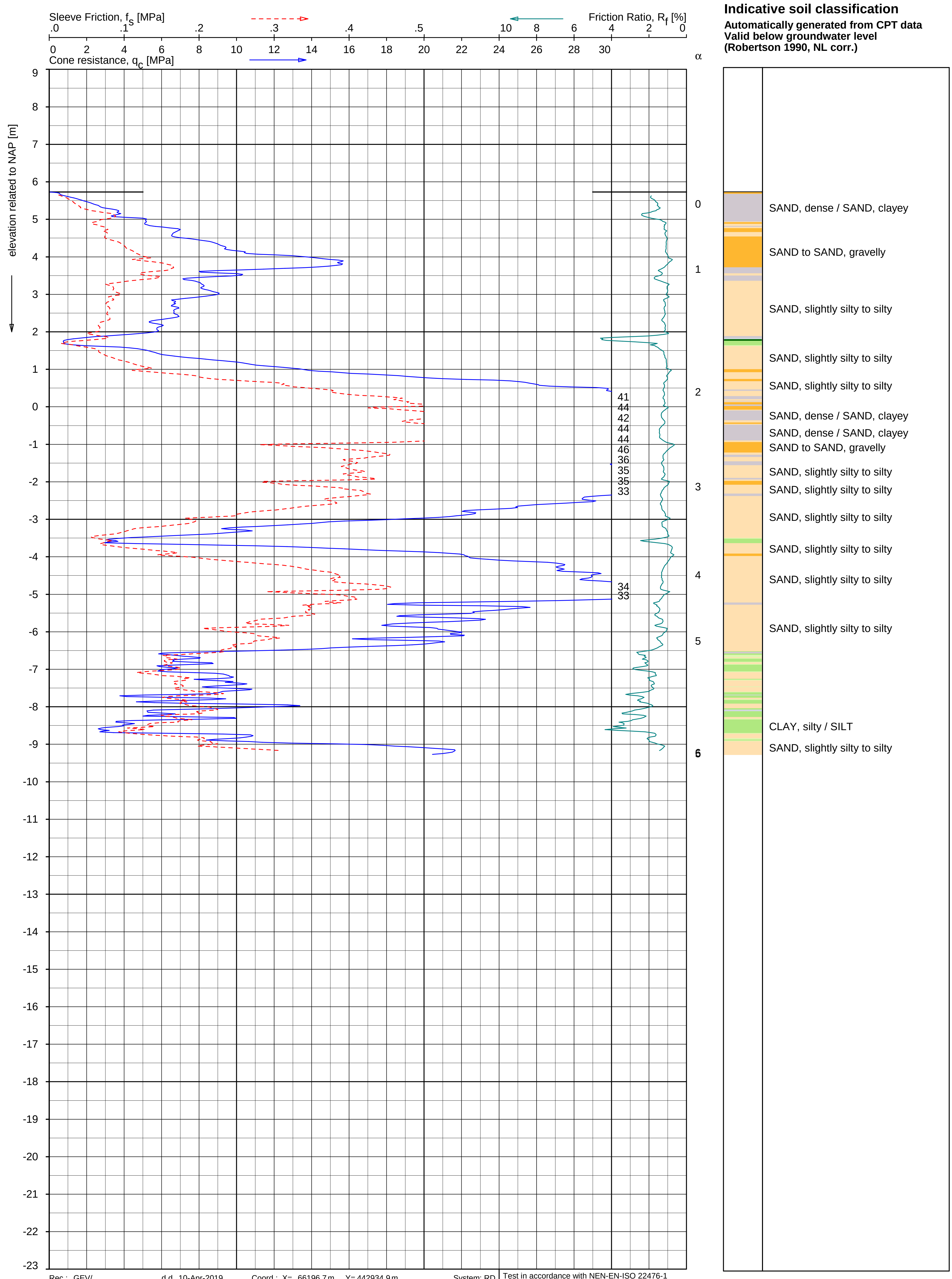
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT094

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:56:48

1018-0481-001

CPT094 - 1



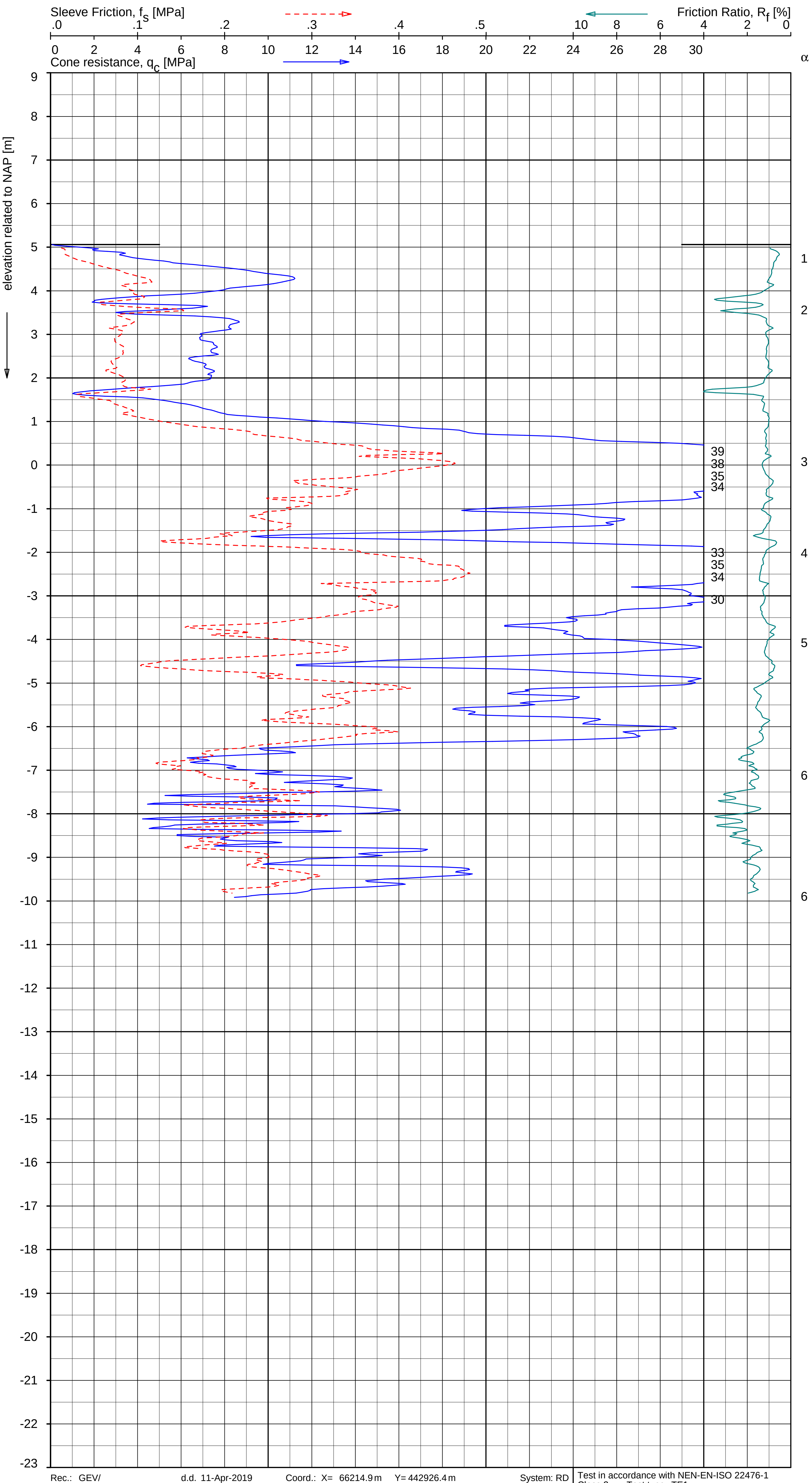
Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66196.7 m Y= 442934.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.73 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

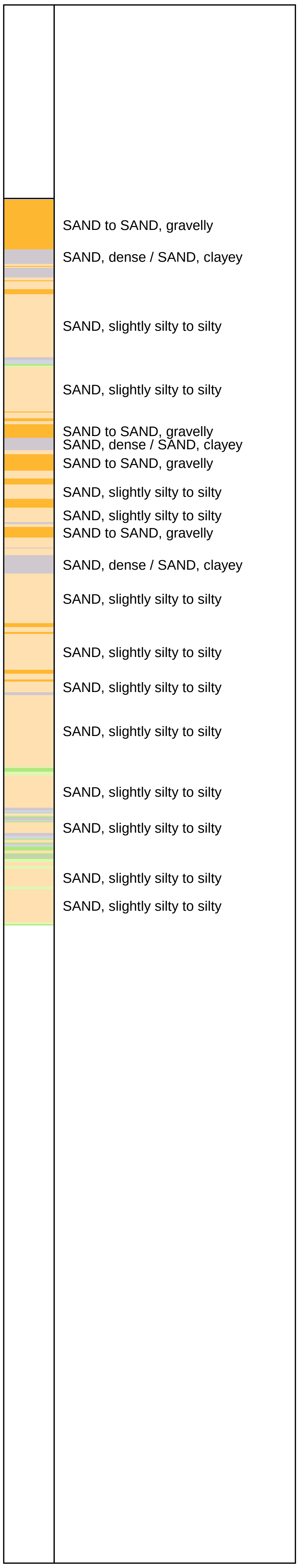
Proj. 1018-0481-001
Cpt CPT095

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:57:30



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: GEV/	d.d. 11-Apr-2019	Coord.: X= 66214.9 m Y= 442926.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.06 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

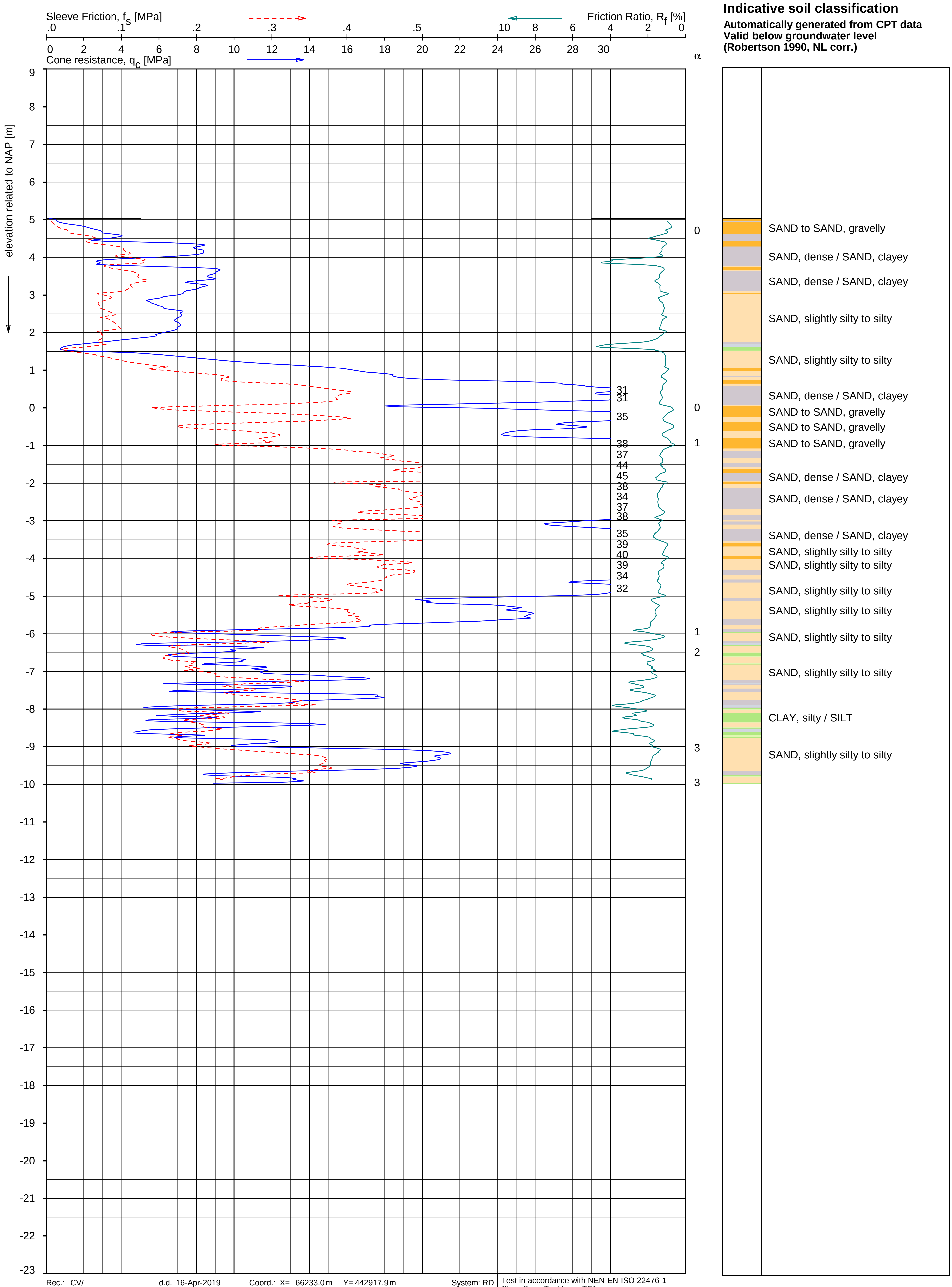
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT096

1018-0481-001

CPT096 - 1



Rec.: CV/ d.d. 16-Apr-2019 Coord.: X= 66233.0 m Y= 442917.9 m System: RD

Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.03 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1

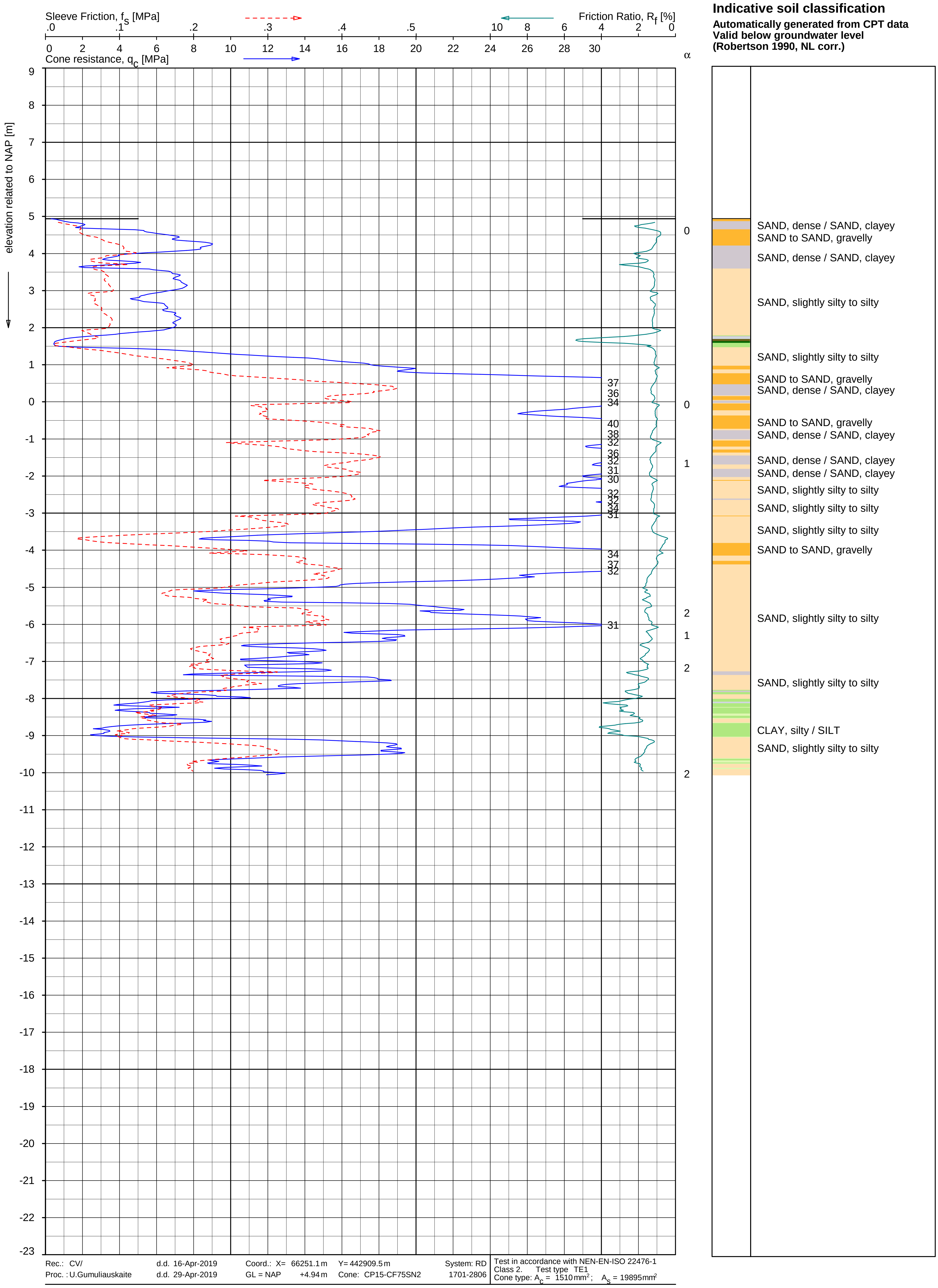
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001

Cpt CPT097

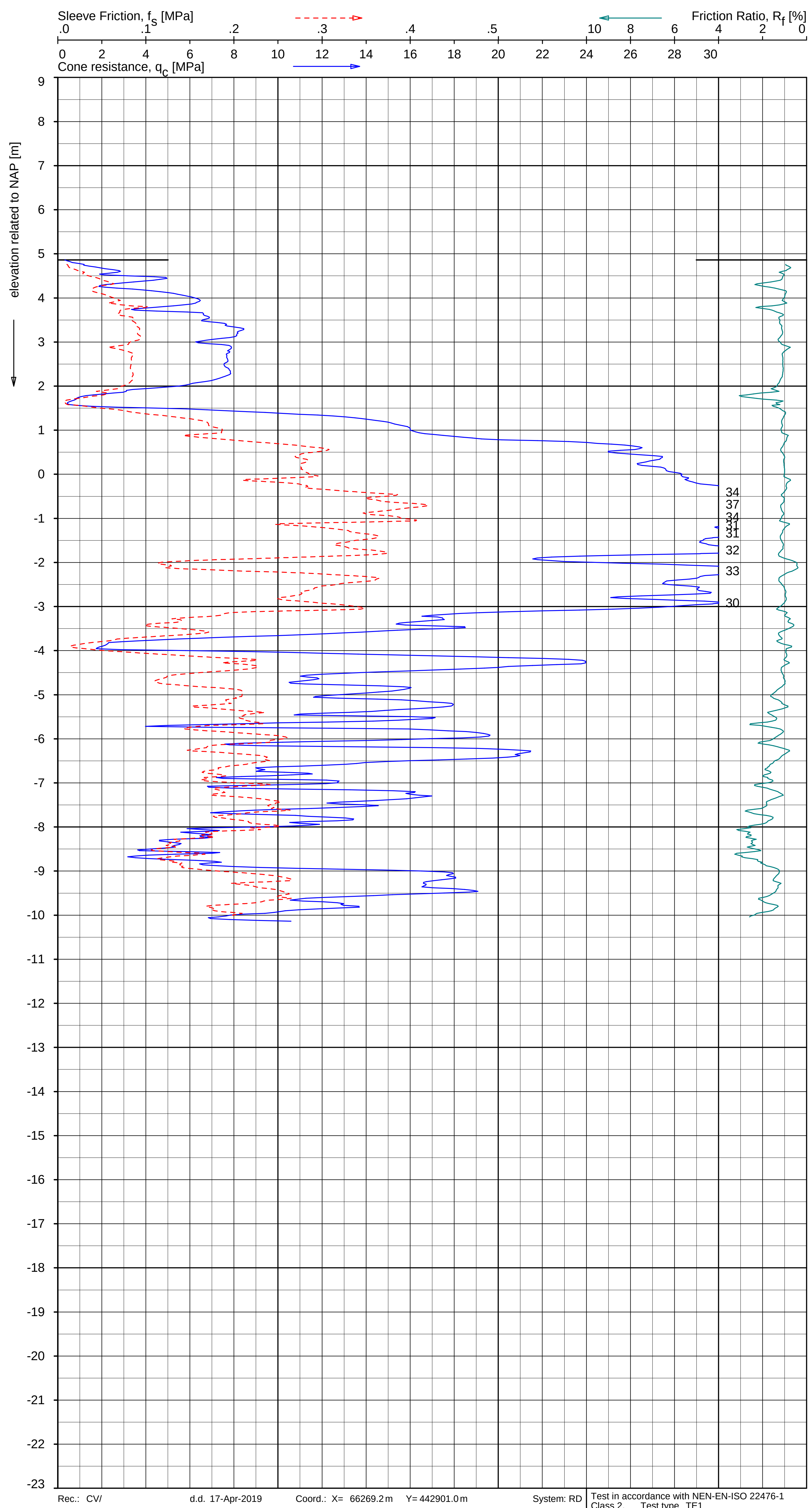


Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66251.1 m Y= 442909.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.94 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT098



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: CV/ d.d. 17-Apr-2019 Coord.: X= 66269.2 m Y= 442901.0 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.86 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

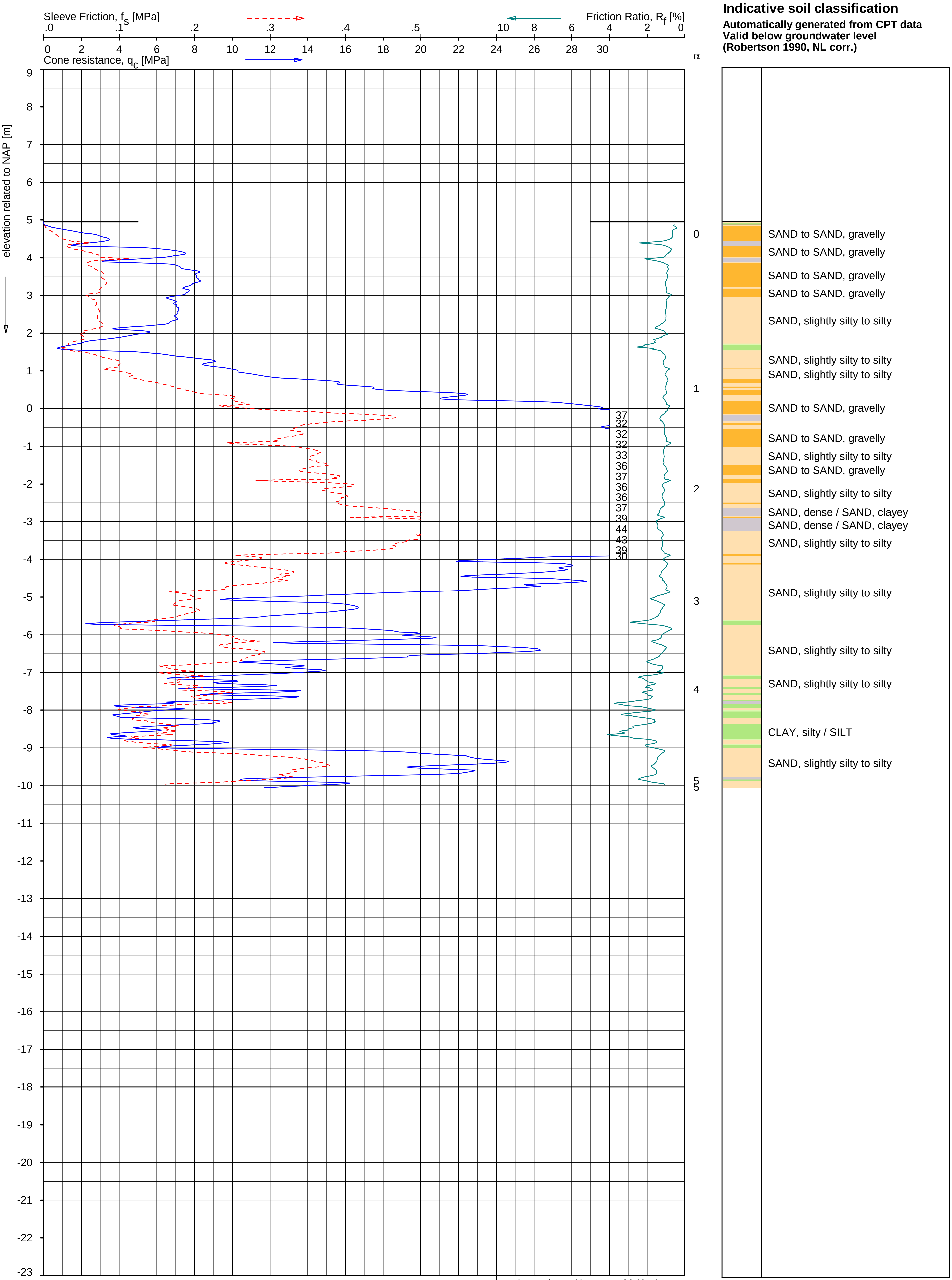
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT099

1018-0481-001

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-02 09:42:13



Rec.: GEV/	d.d. 12-Apr-2019	Coord.: X= 66287.3 m	Y= 442892.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 02-May-2019	GL = NAP +4.95 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

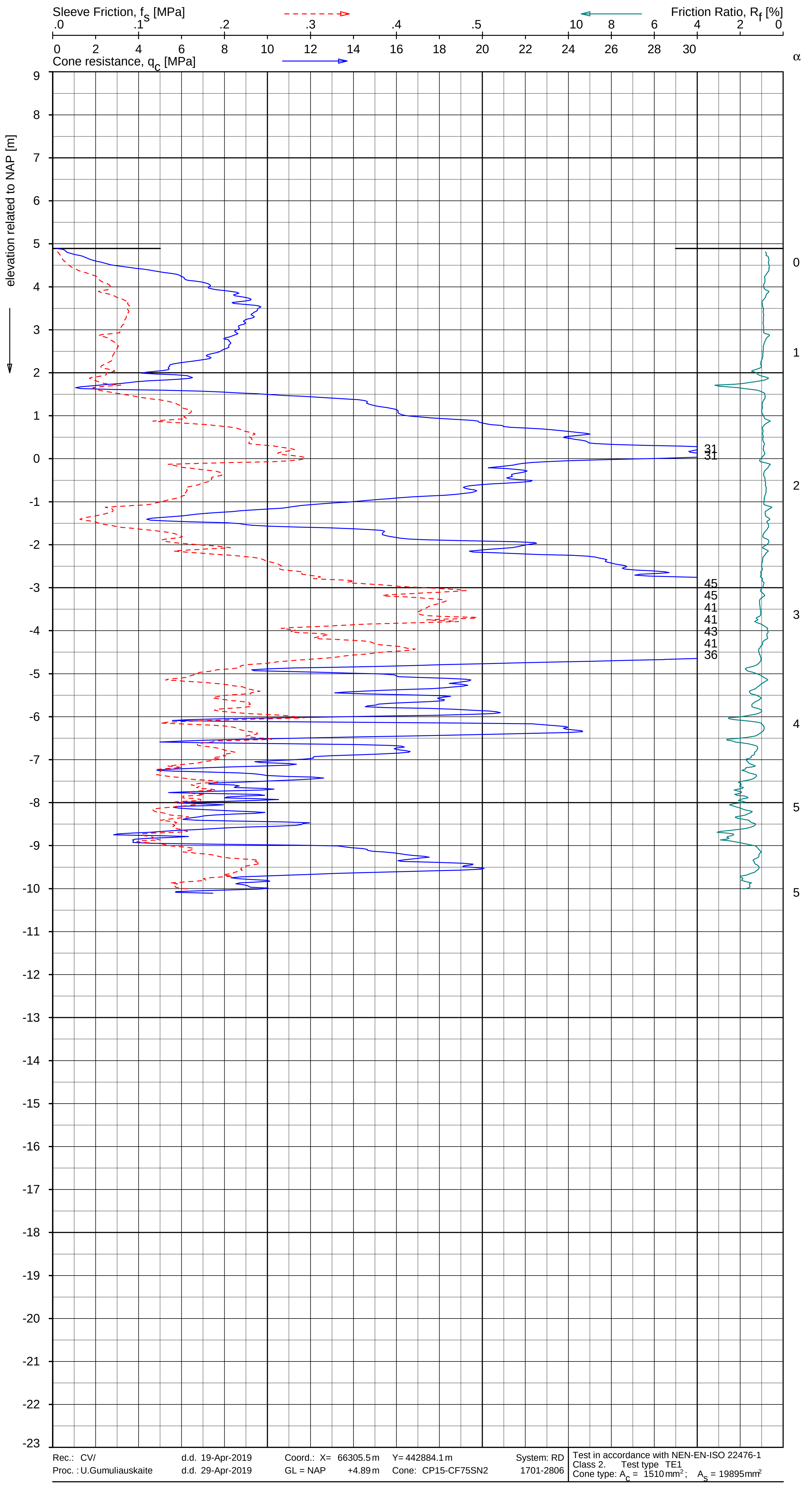
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT100

1018-0481-001

CPT100 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty

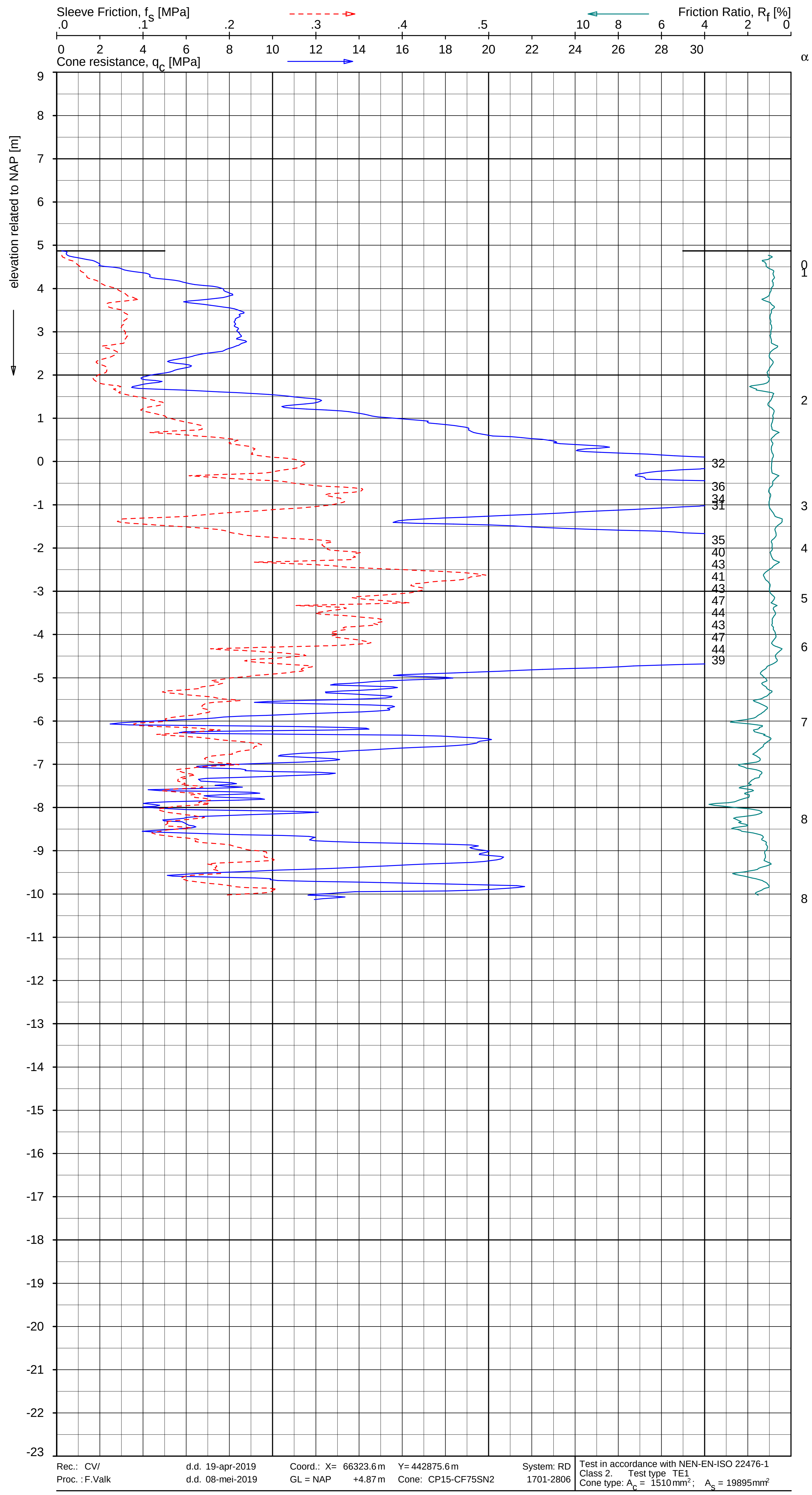
Rec.: CV/	d.d. 19-Apr-2019	Coord.: X= 66305.5 m	Y= 442884.1 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.89 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

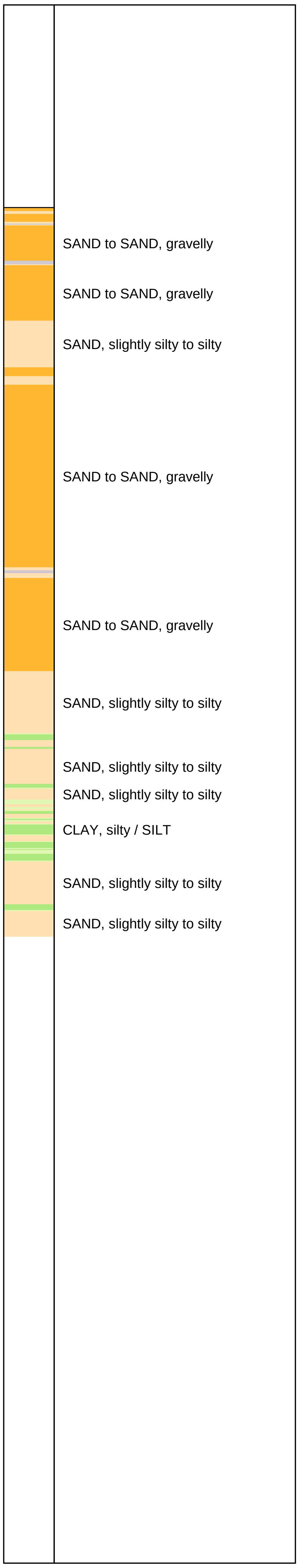
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT101



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66323.6 m Y= 442875.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : F.Valk	d.d. 08-mei-2019	GL = NAP +4.87 m Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

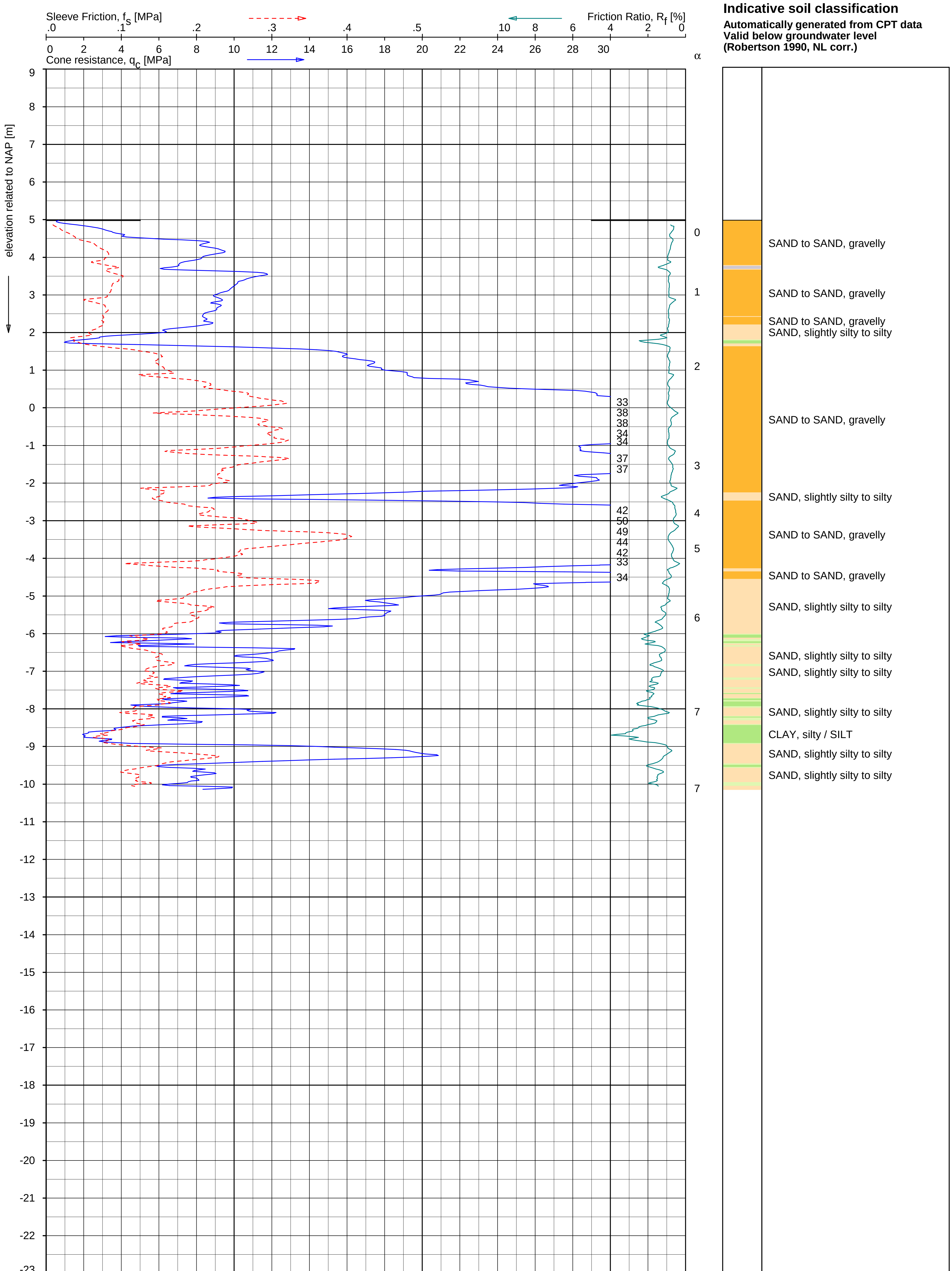
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT102

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-13 15:26:31

1018-0481-001



Rec.: CV/ d.d. 19-Apr-2019 Coord.: X= 66341.7 m Y= 442867.1 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.98 m Cone: CP15-CF75SN2 1701-2806

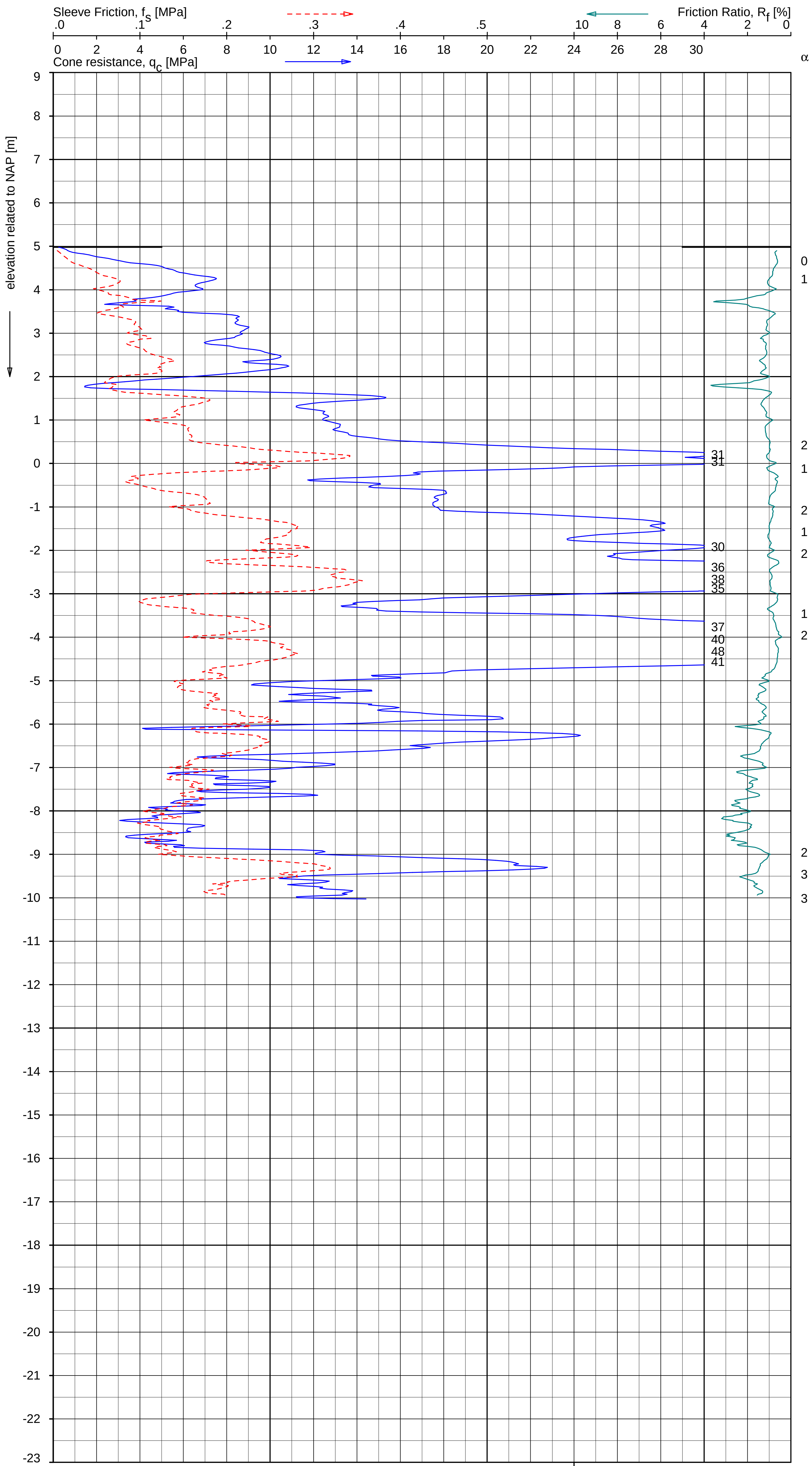
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

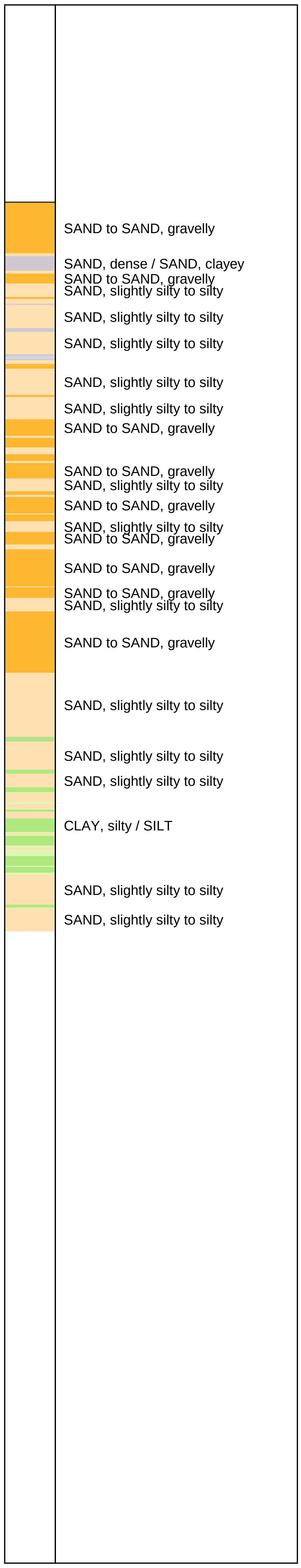
Proj. 1018-0481-001
Cpt CPT103

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 13:58:36



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: CV/	d.d. 23-Apr-2019	Coord.: X= 66359.8 m Y= 442858.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.98 m Cone: CP15-CF75SN2	1701-2782	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

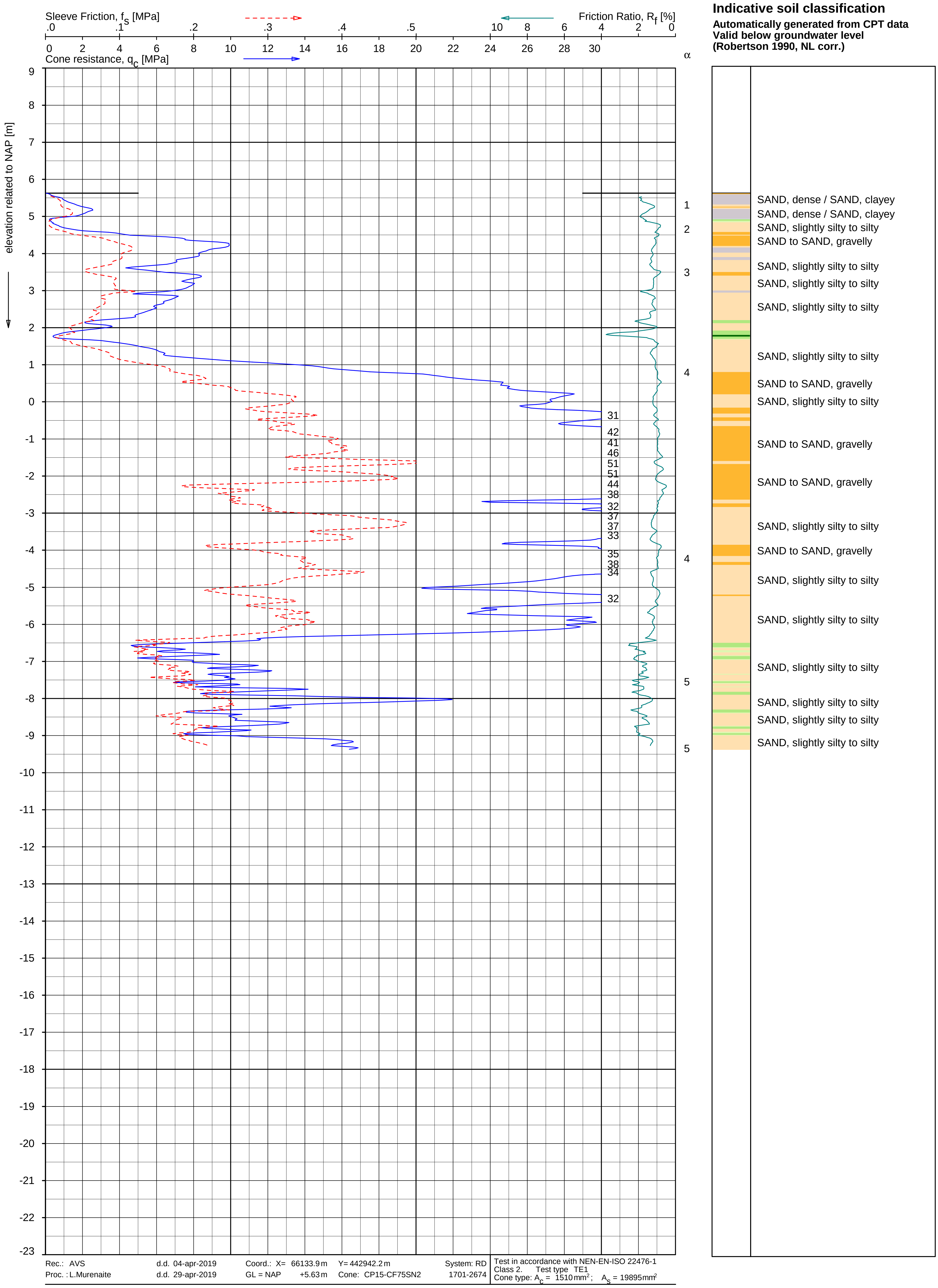
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT104

1018-0481-001

CPT104 - 1



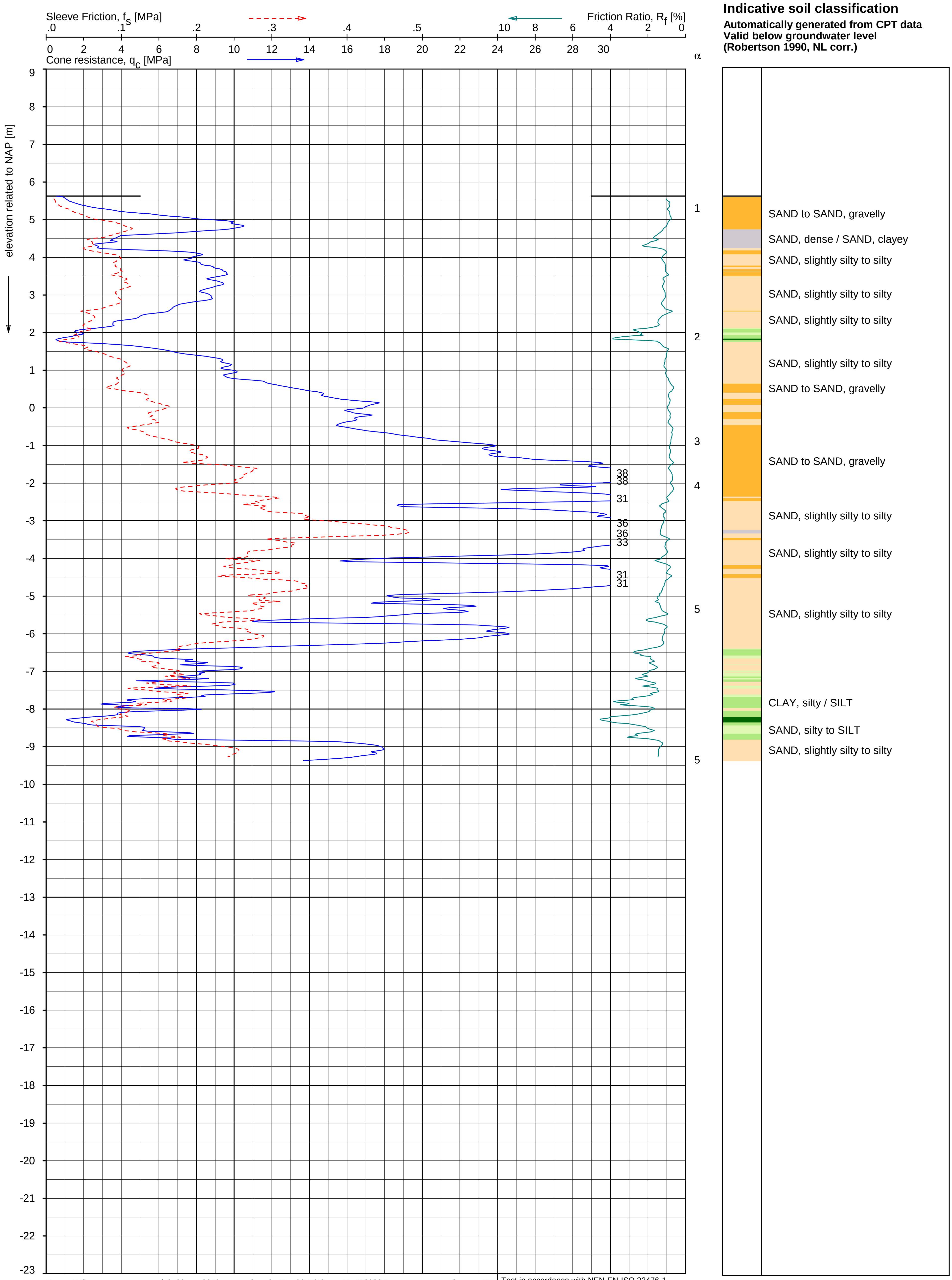
Rec.: AVS d.d. 04-apr-2019 Coord.: X= 66133.9 m Y= 442942.2 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.63 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT105



Rec.: AVS	d.d. 08-apr-2019	Coord.: X= 66152.0 m	Y= 442933.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.63 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

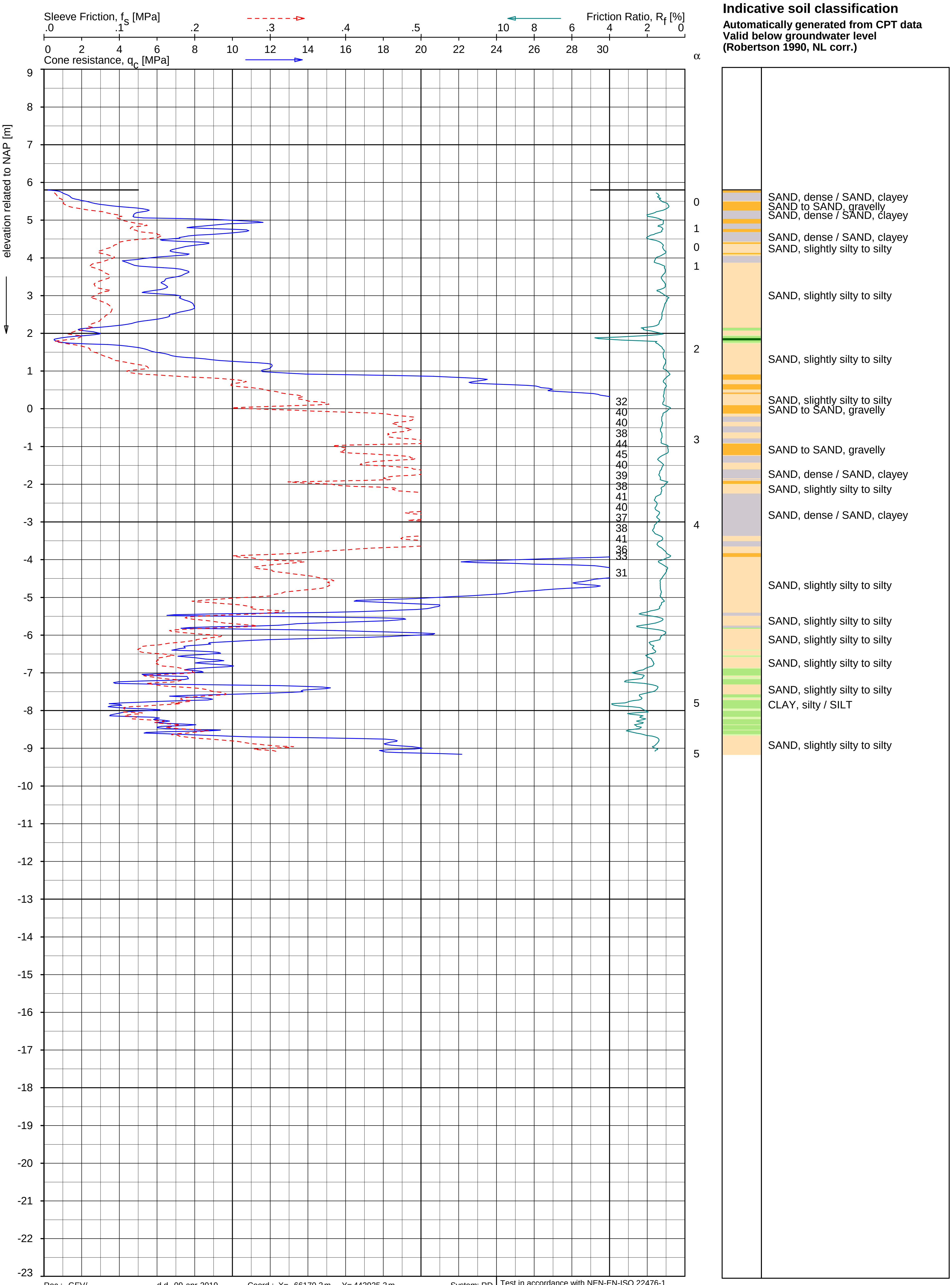
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT106

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:51

1018-0481-001

CPT106 - 1



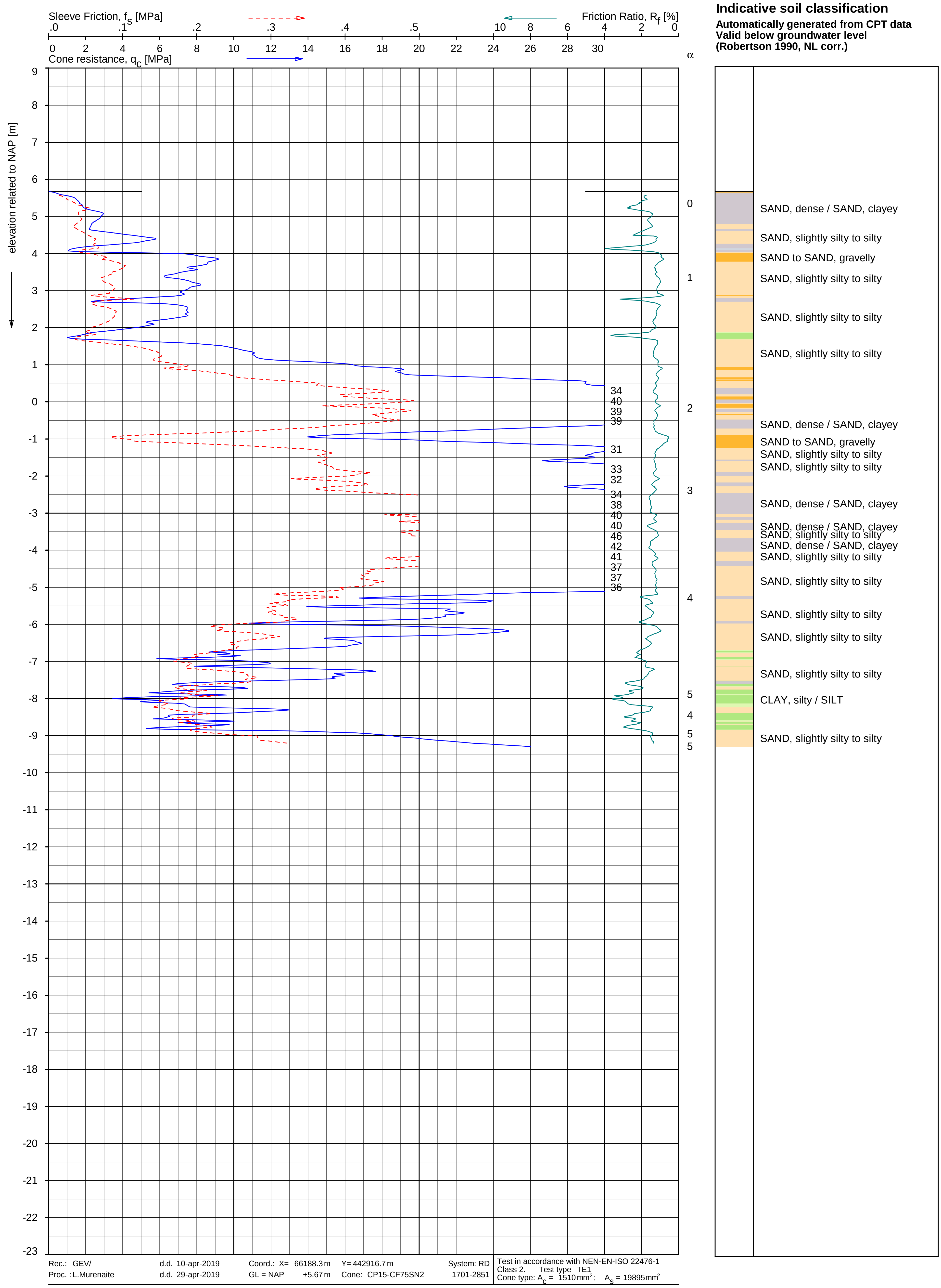
Rec.: GEV/ d.d. 09-apr-2019 Coord.: X= 66170.2 m Y= 442925.2 m System: RD 1701-2851
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.80 m Cone: CP15-CF75SN2

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT107



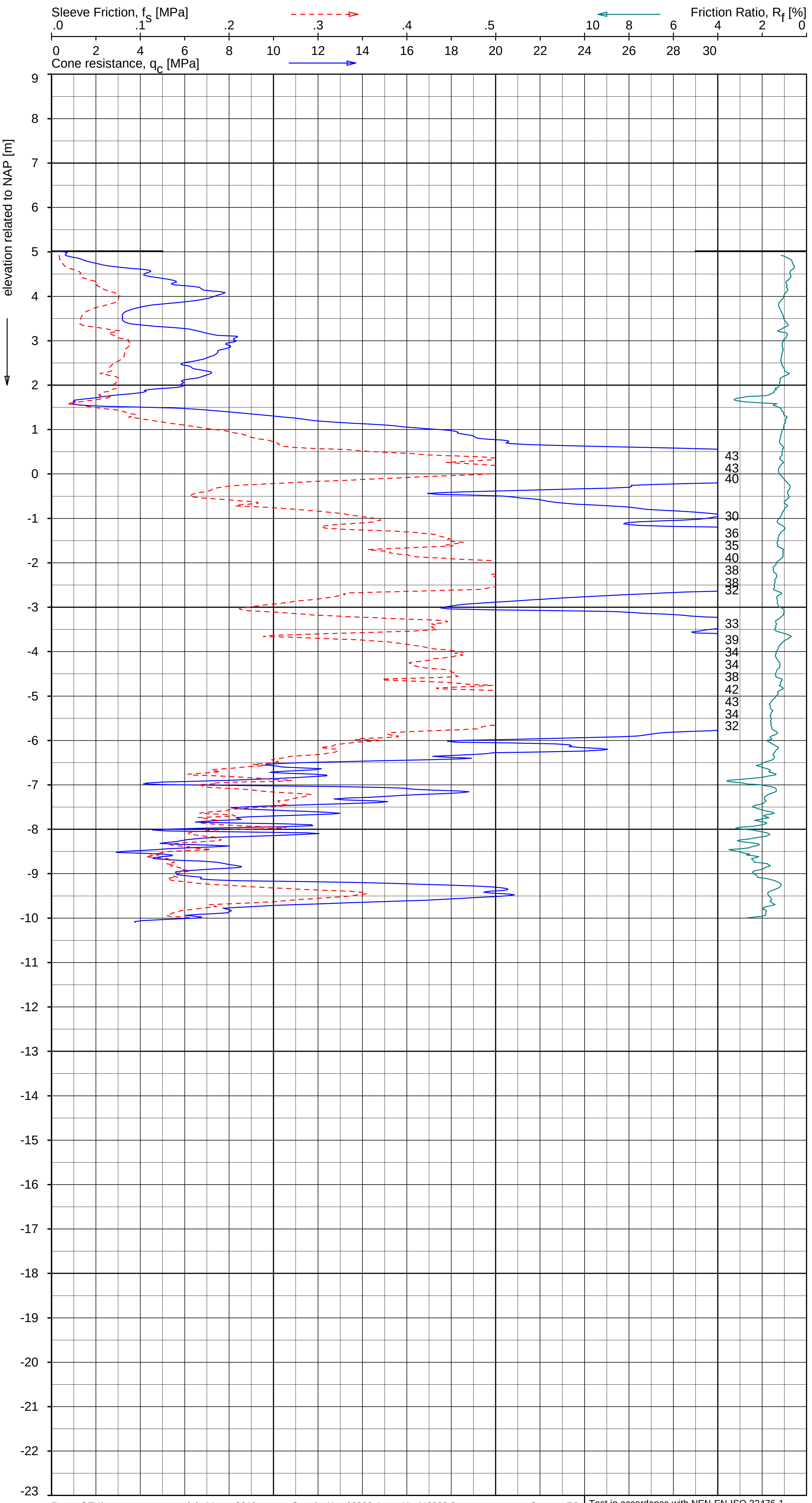
Rec.: GEV/ d.d. 10-apr-2019 Coord.: X= 66188.3 m Y= 442916.7 m System: RD
Proc.: L.Murenaite d.d. 29-apr-2019 GL = NAP +5.67 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT108



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: GEV/	d.d. 11-apr-2019	Coord.: X= 66206.4 m	Y= 442908.3 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m	Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

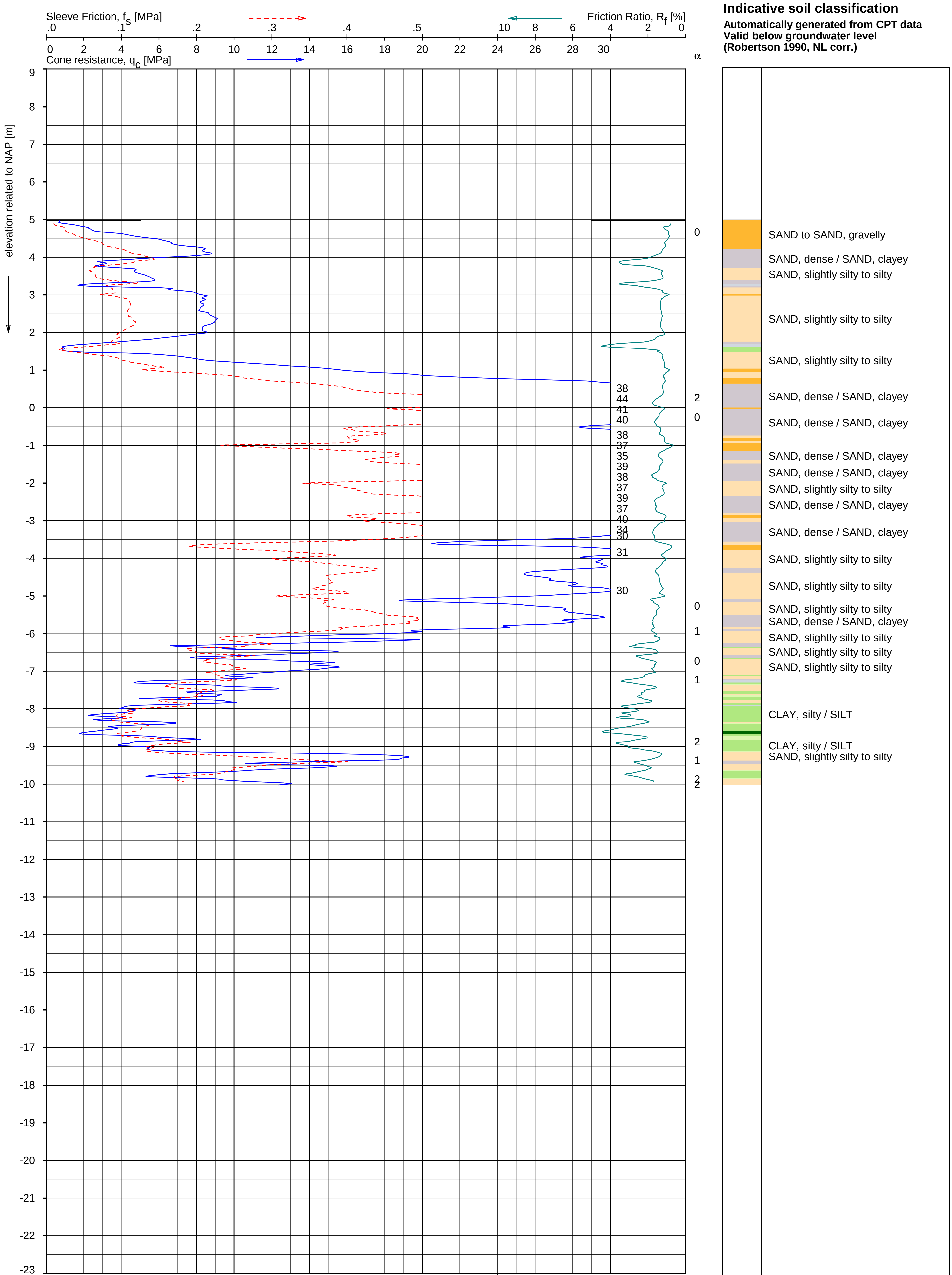
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT109

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:11

1018-0481-001

CPT109 - 1

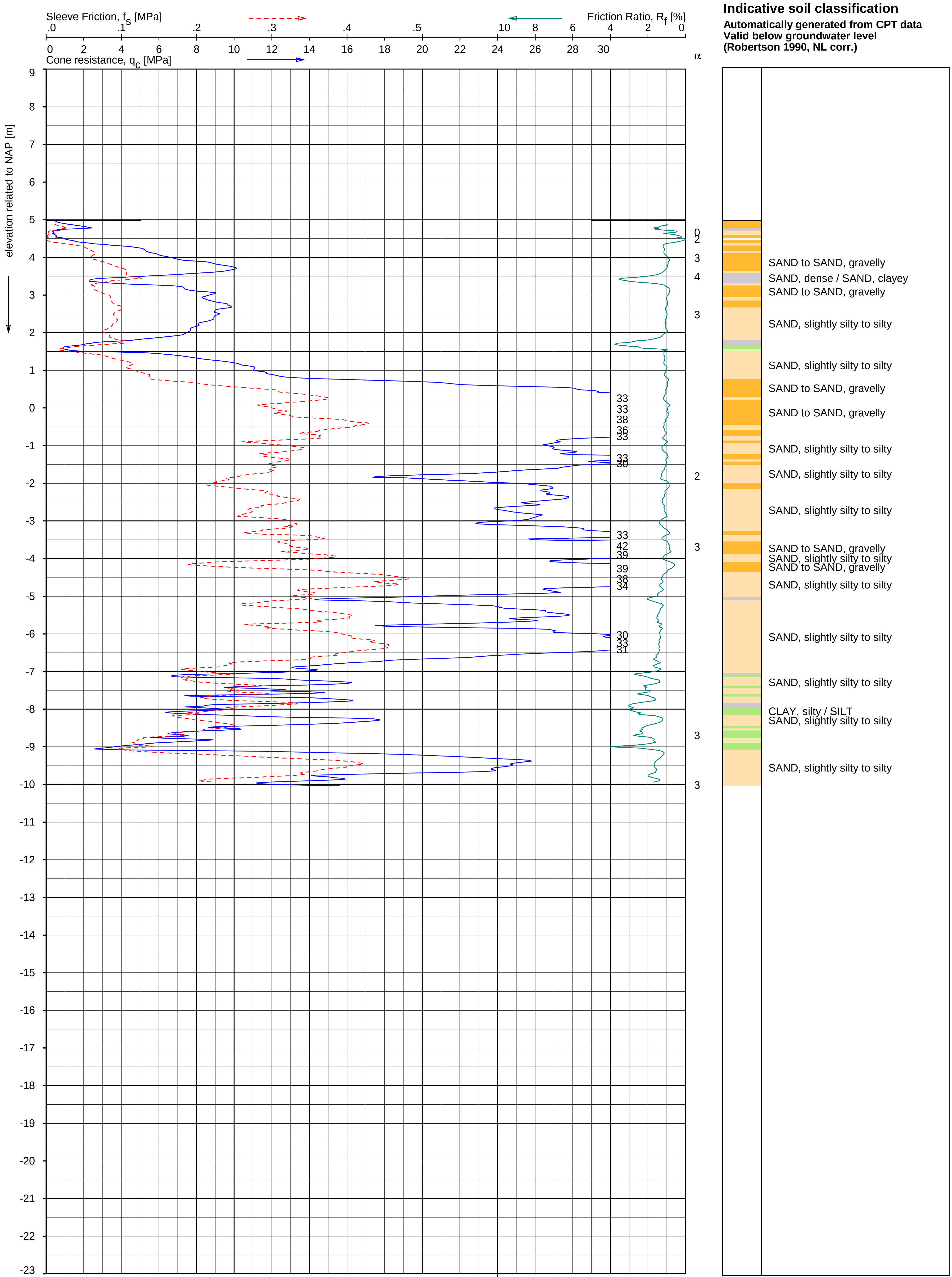


Rec.: CV/	d.d. 16-apr-2019	Coord.: X= 66224.5 m Y= 442899.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT110



Rec.: GEV/ d.d. 12-apr-2019 Coord.: X= 66242.6 m Y= 442891.3 m System: RD
Proc.: L.Murenaite d.d. 29-apr-2019 GL = NAP +4.98 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

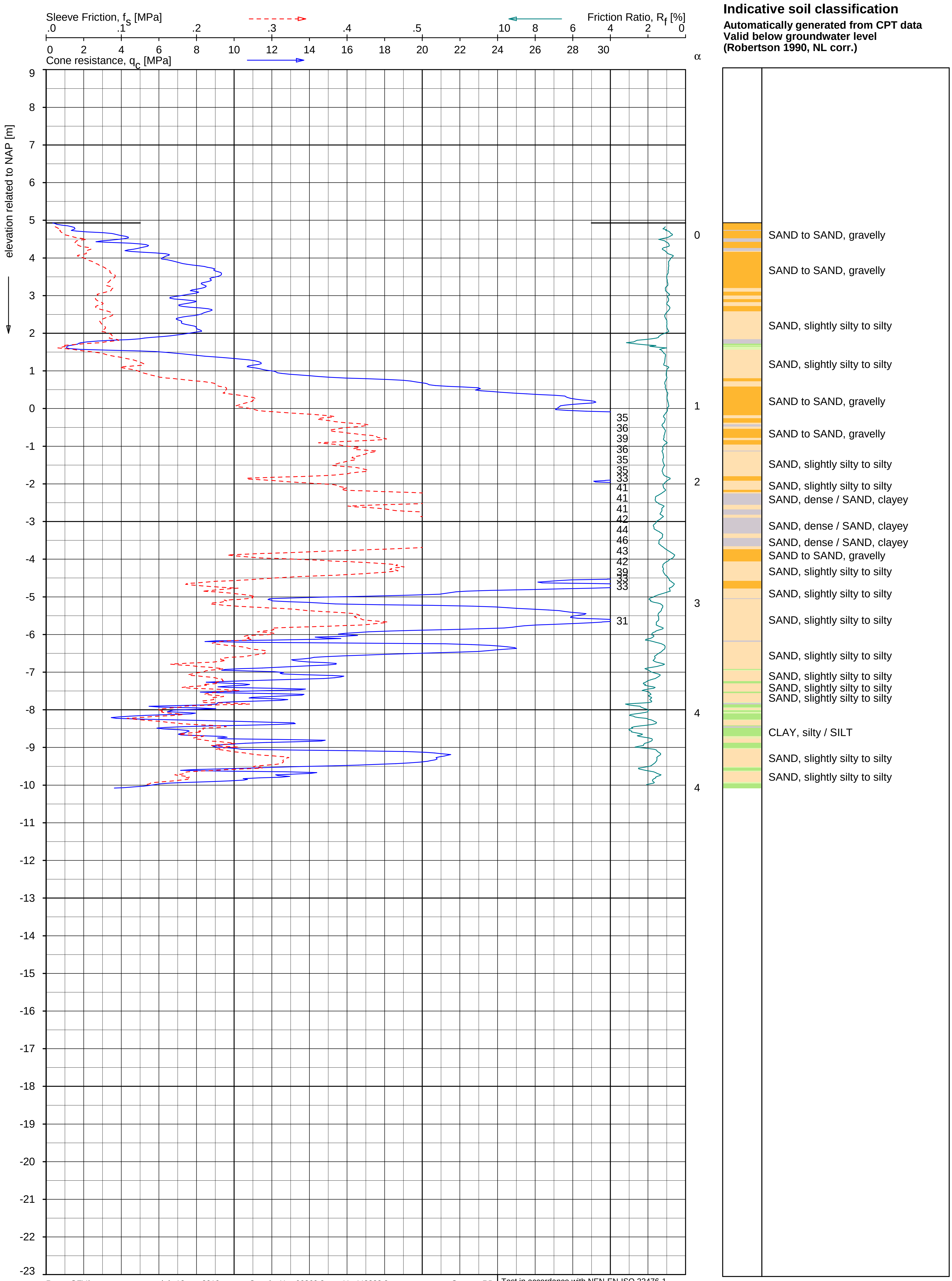
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT111

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:35

1018-0481-001

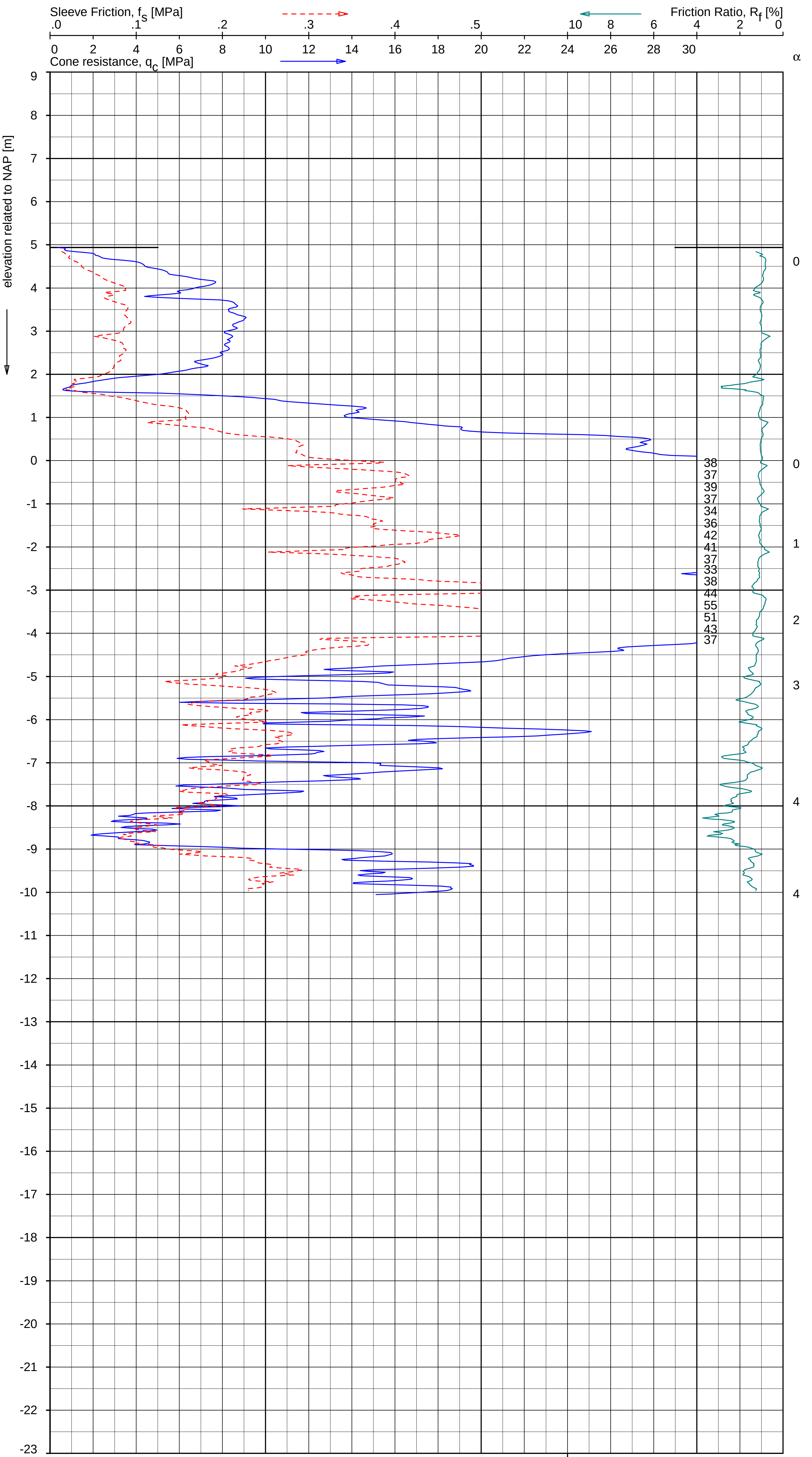


Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66260.8 m Y= 442882.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT112



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
CLAY, silty / SILT
SAND, slightly silty to silty

Rec.: CV/ d.d. 17-Apr-2019 Coord.: X= 66278.9 m Y= 442874.4 m System: RD
Proc. : U.Gumuliauskaite d.d. 02-May-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-2806
Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

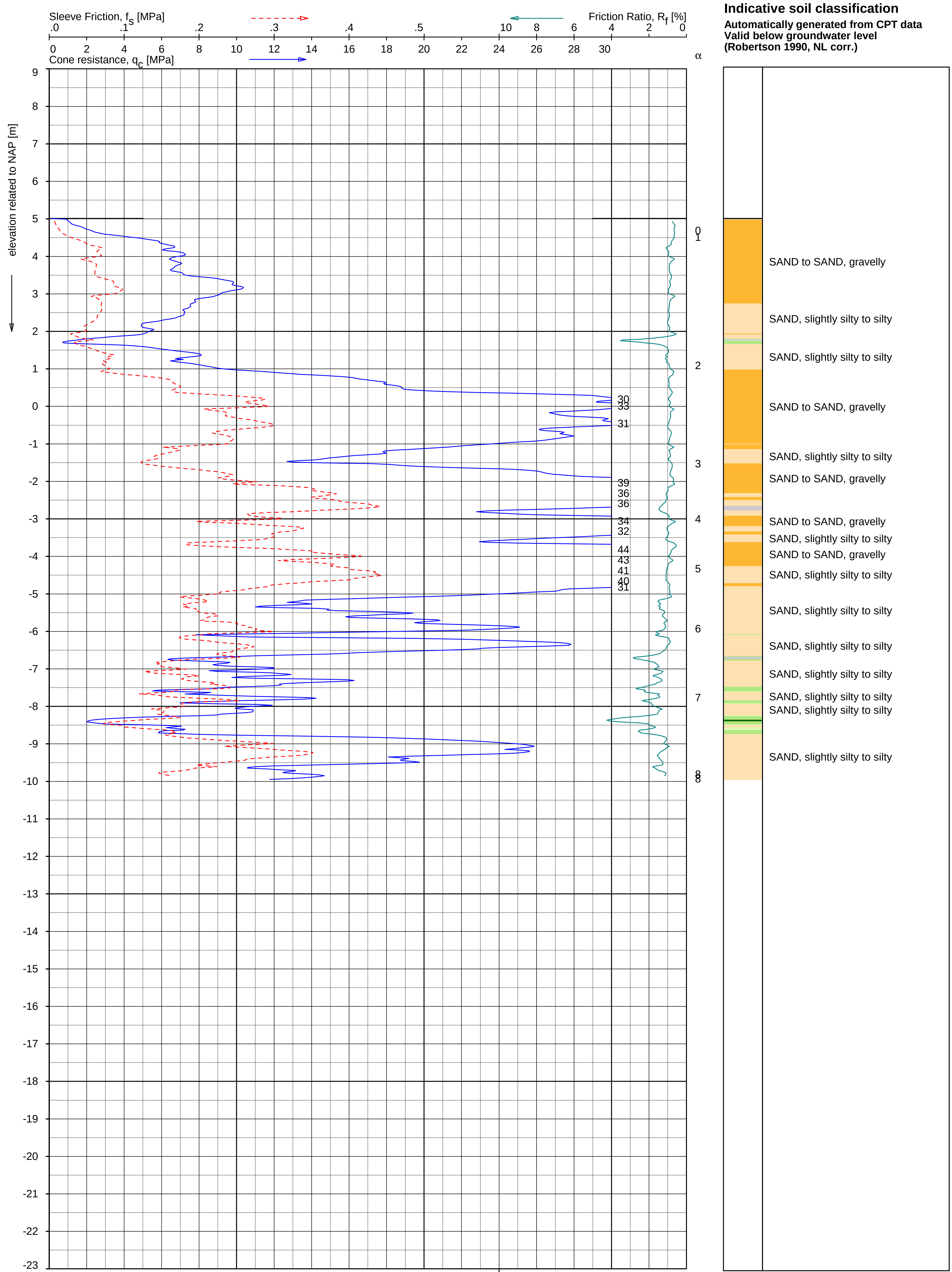
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT113

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-02 09:42:17

1018-0481-001

CPT113 - 1



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:32:13

1018-0481-001

CPT114 - 1

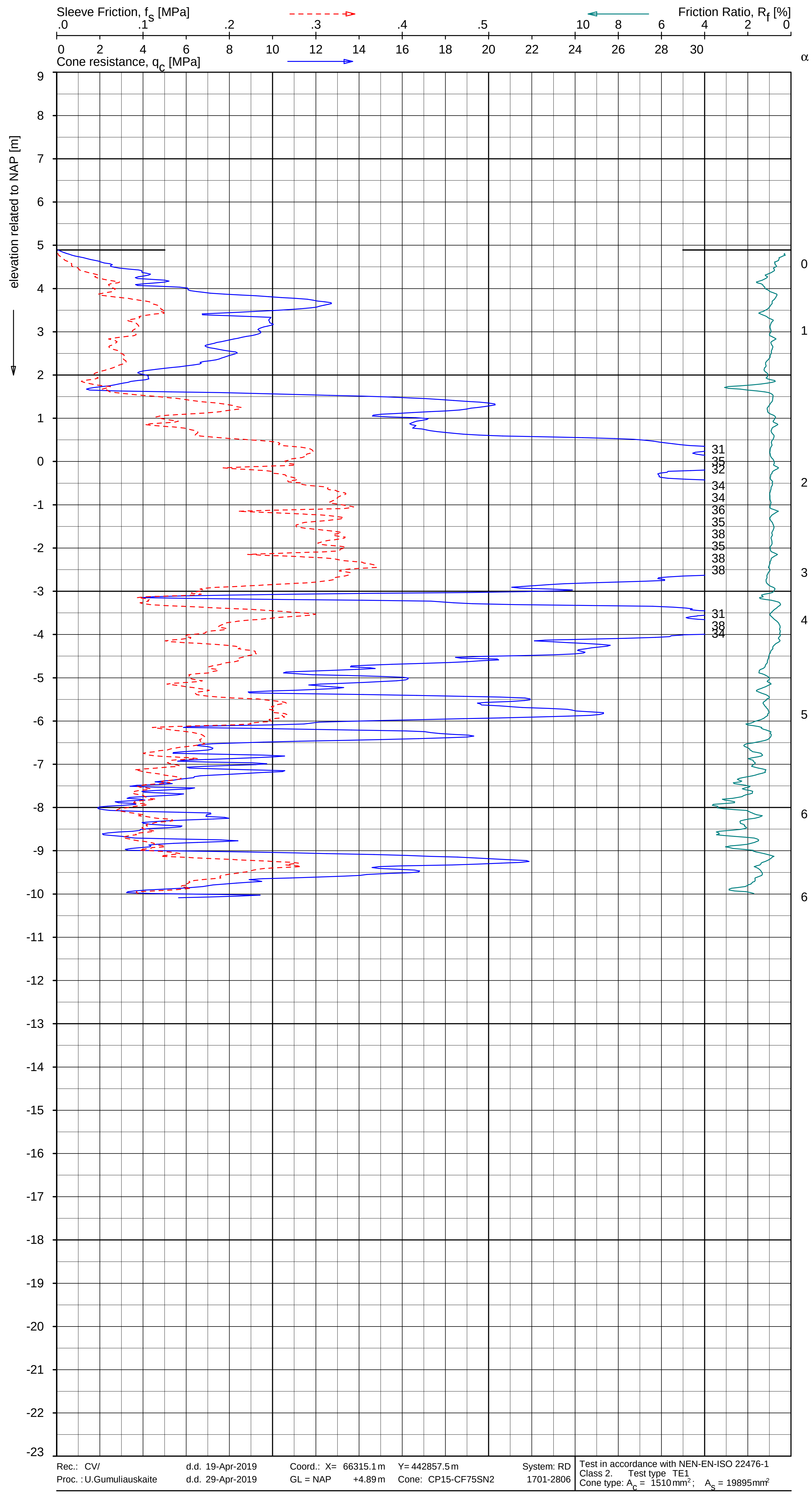
Rec.: CV/ d.d. 19-Apr-2019 Coord.: X= 66297.0 m Y= 442865.9 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.01 m Cone: CP15-CF75SN2 1701-2806

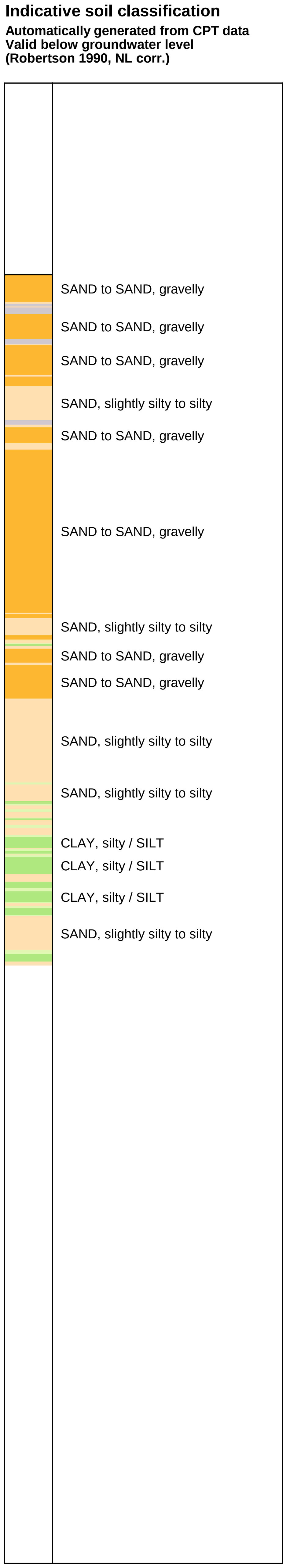
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT114





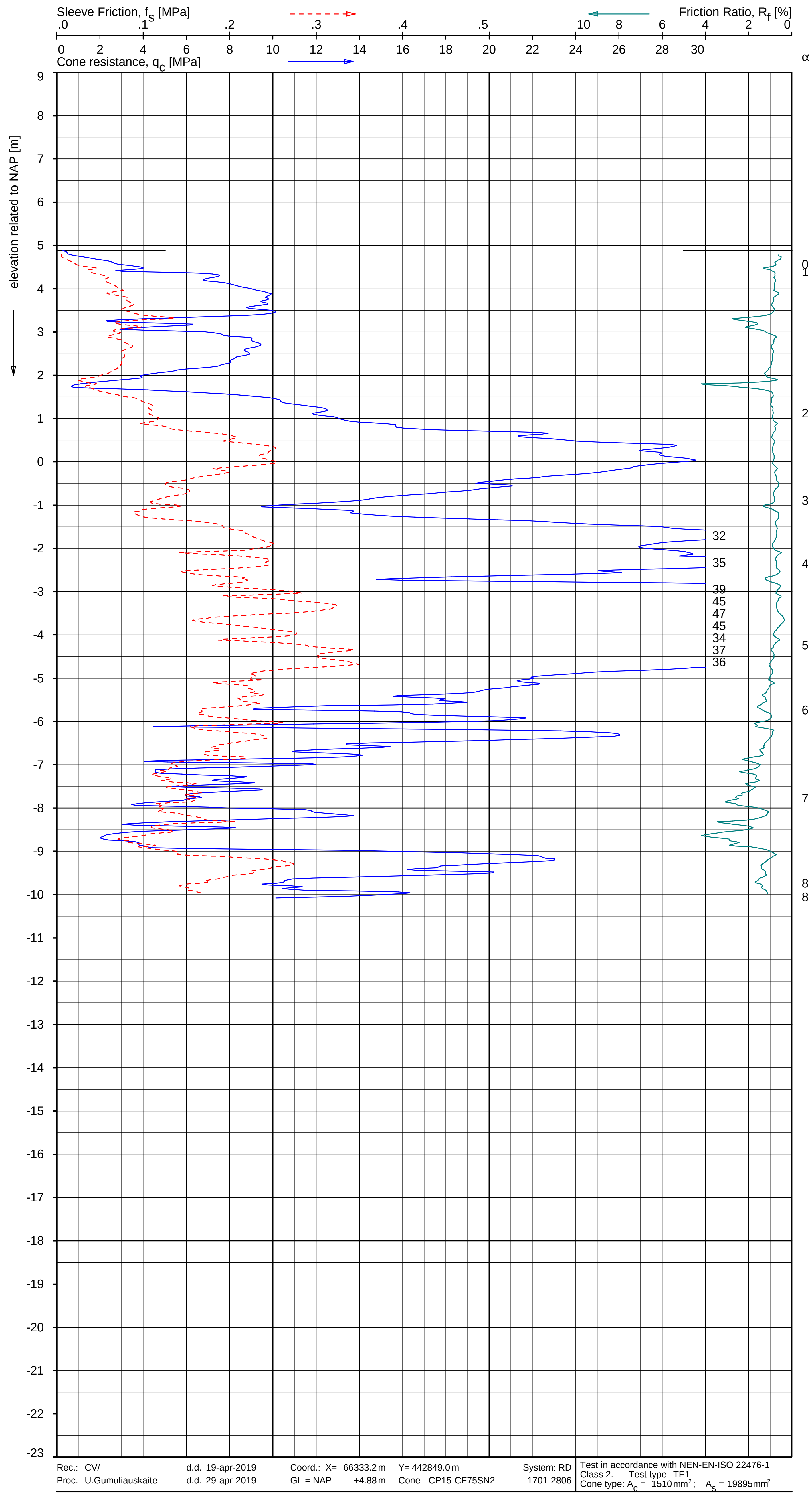
Rec.: CV/	d.d. 19-Apr-2019	Coord.: X= 66315.1 m	Y= 442857.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.89 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

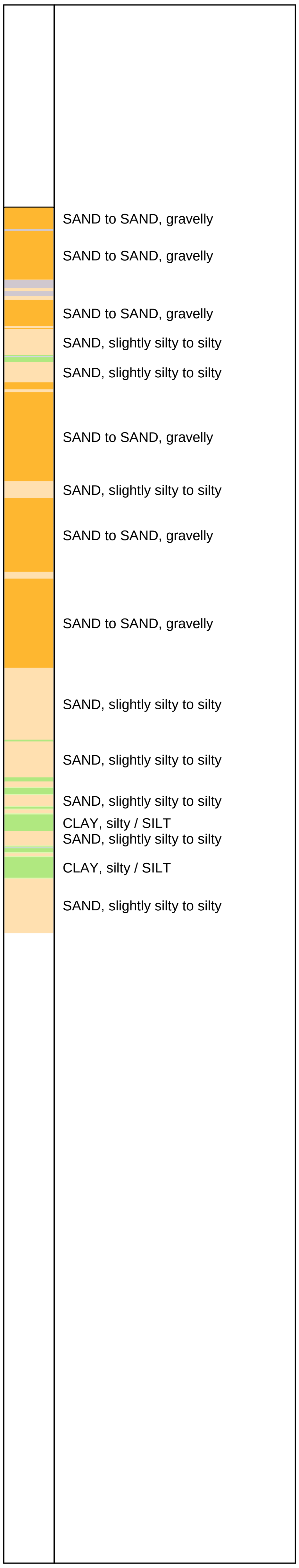
Proj. 1018-0481-001
Cpt CPT115

1018-0481-001



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty

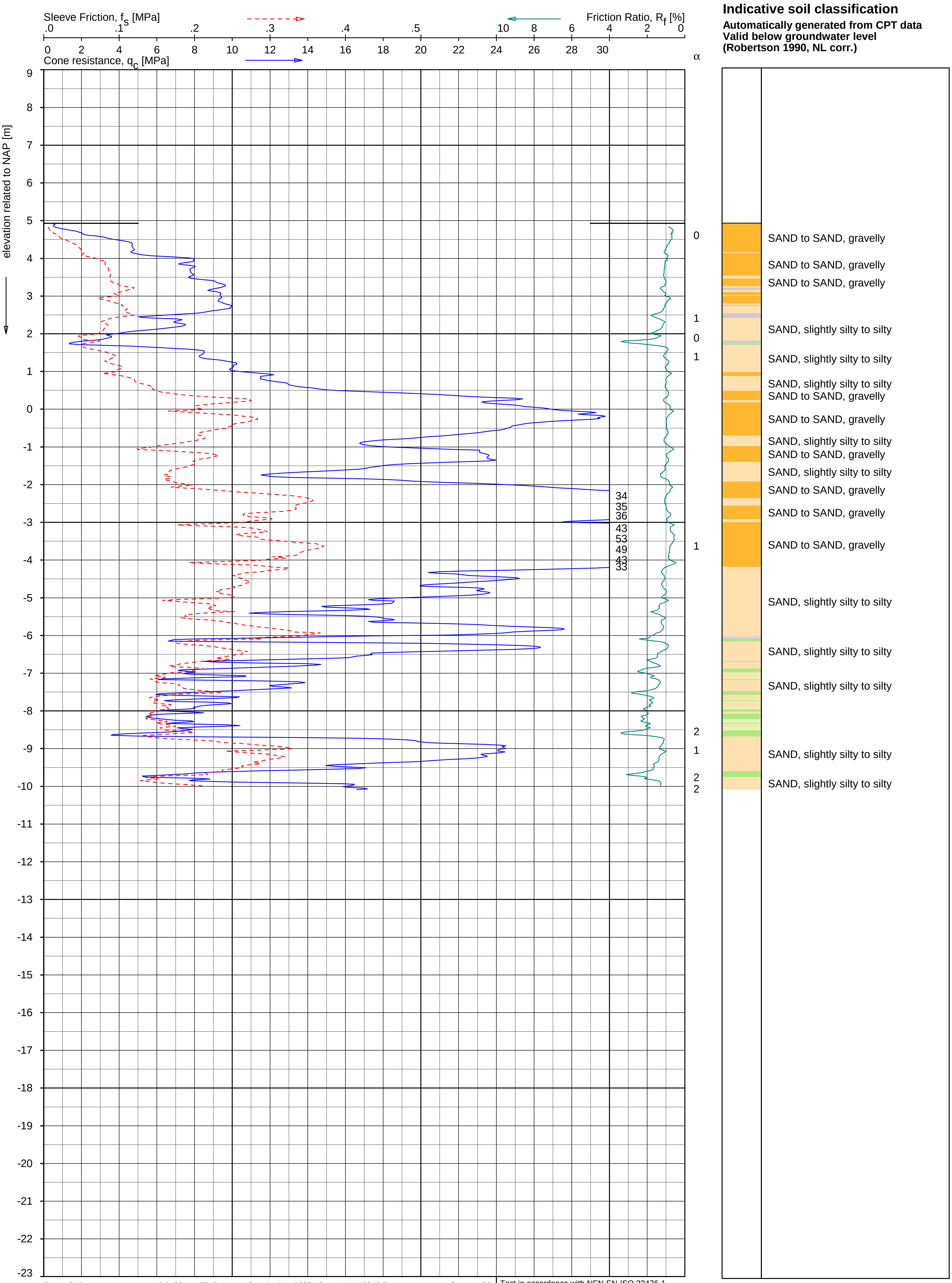
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-05-13 15:38:43

Rec.: CV/	d.d. 19-apr-2019	Coord.: X= 66333.2 m Y= 442849.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-apr-2019	GL = NAP +4.88 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1
				Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT116



Rec.: CV/	d.d. 23-apr-2019	Coord.: X= 66351.3 m Y= 442840.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-2782	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

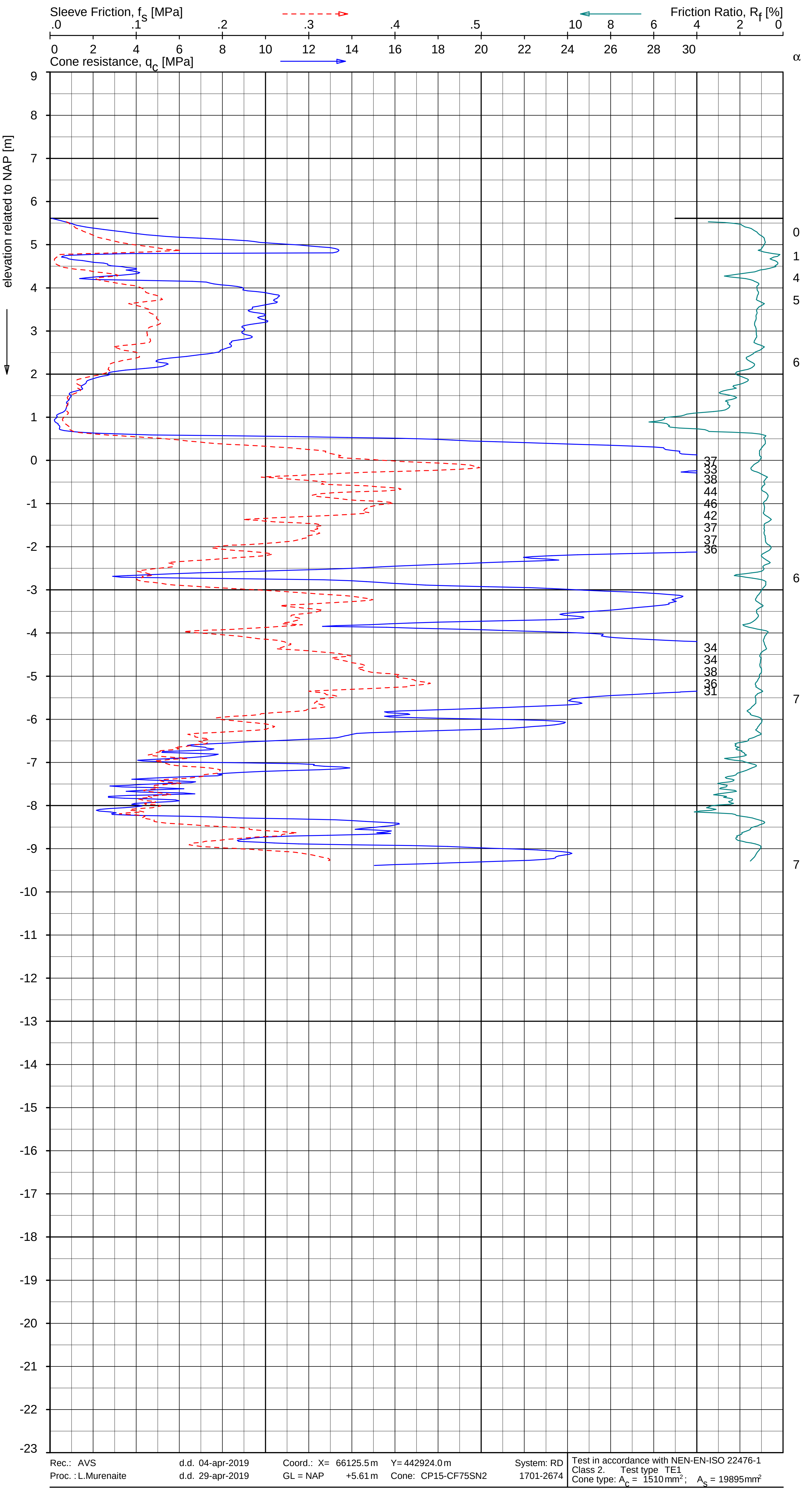
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT117

1018-0481-001

CPT117 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
PEAT, organic
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty
SAND, slightly silty to silty

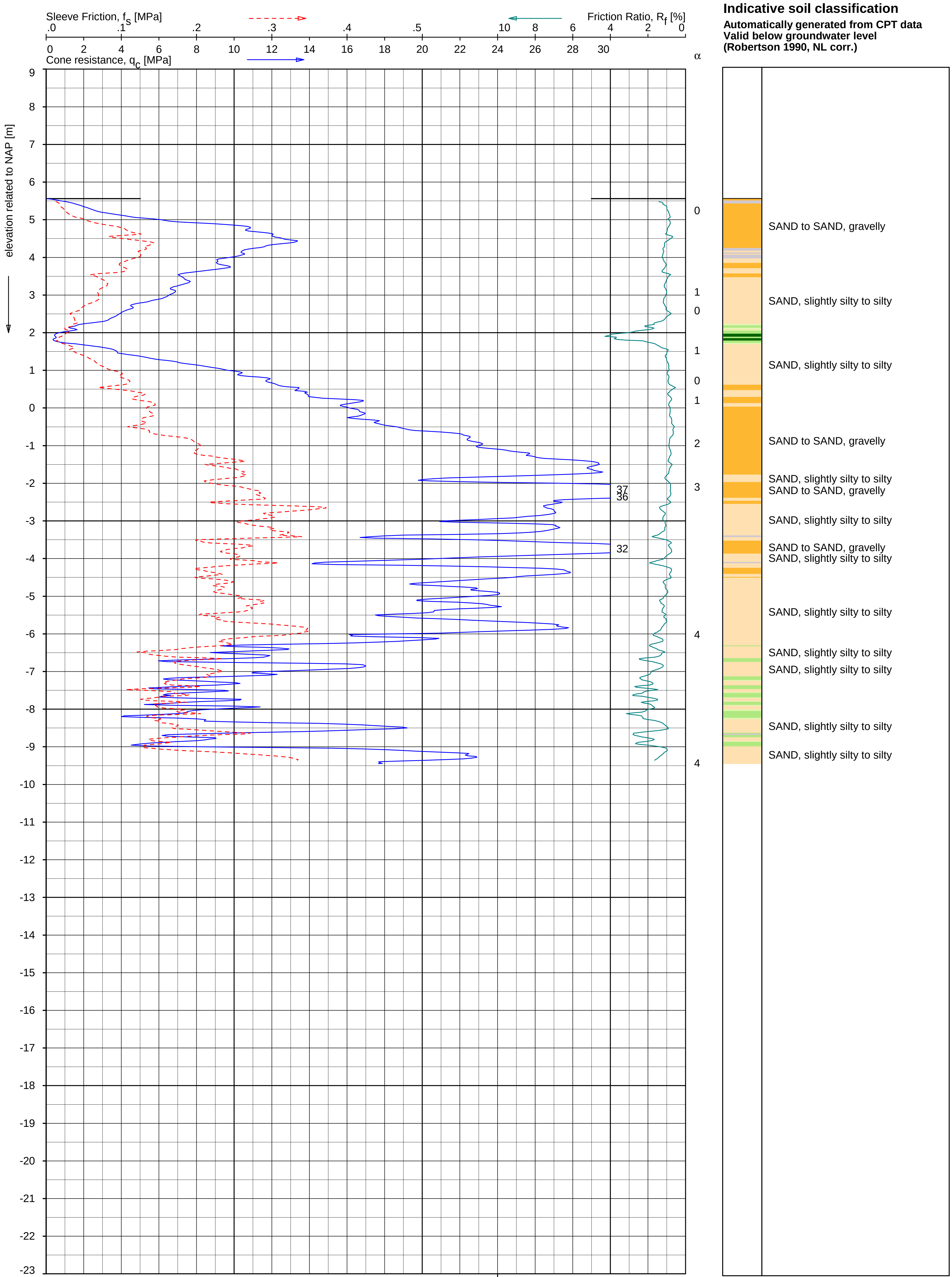
Rec.: AVS	d.d. 04-apr-2019	Coord.: X= 66125.5 m	Y= 442924.0 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.61 m	Cone: CP15-CF75SN2	1701-2674

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT118



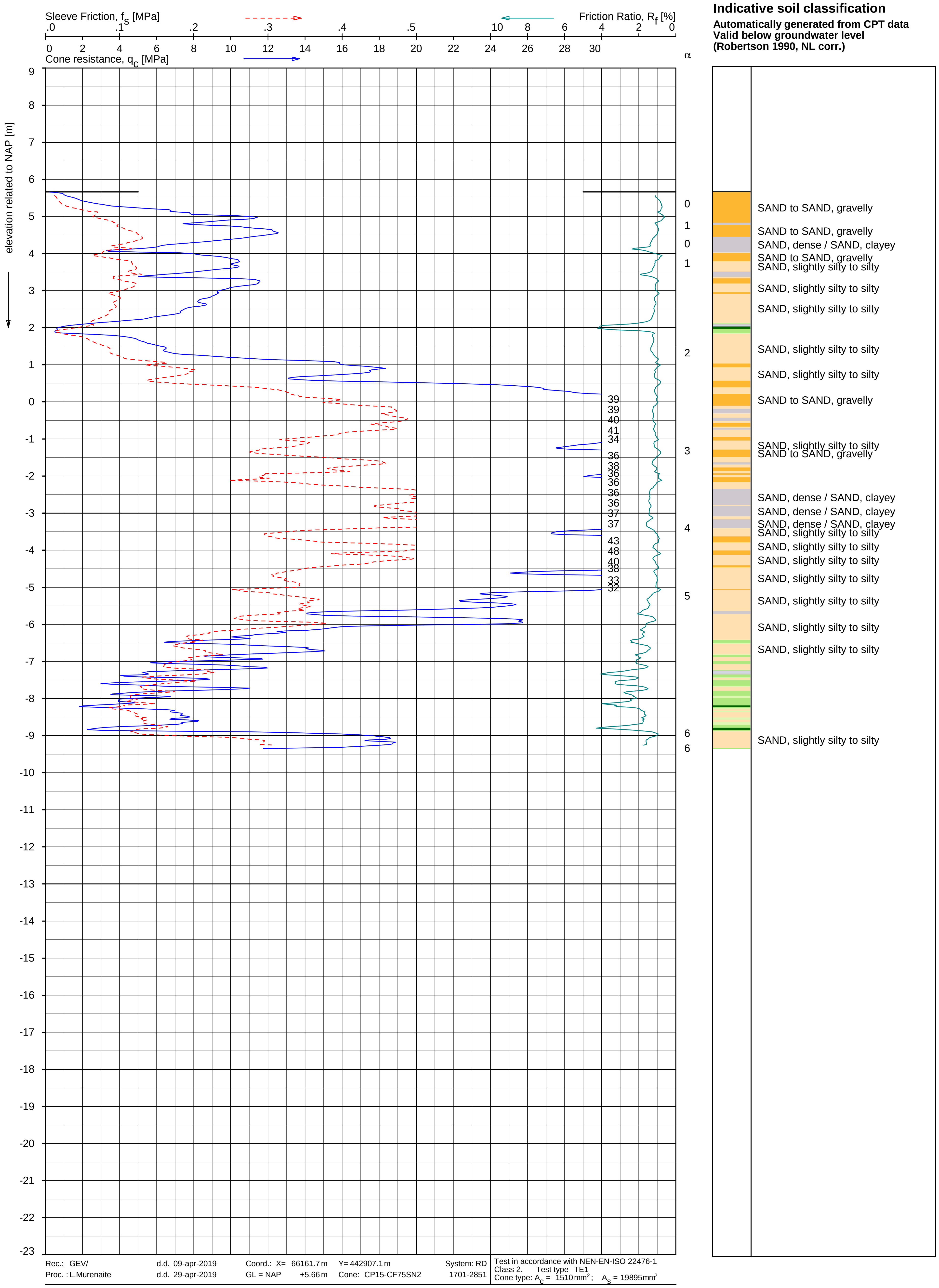
Rec.: AVS d.d. 08-apr-2019 Coord.: X= 66143.6 m Y= 442915.6 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.56 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT119



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:18

Rec.: GEV/ d.d. 09-apr-2019 Coord.: X= 66161.7 m Y= 442907.1 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.66 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

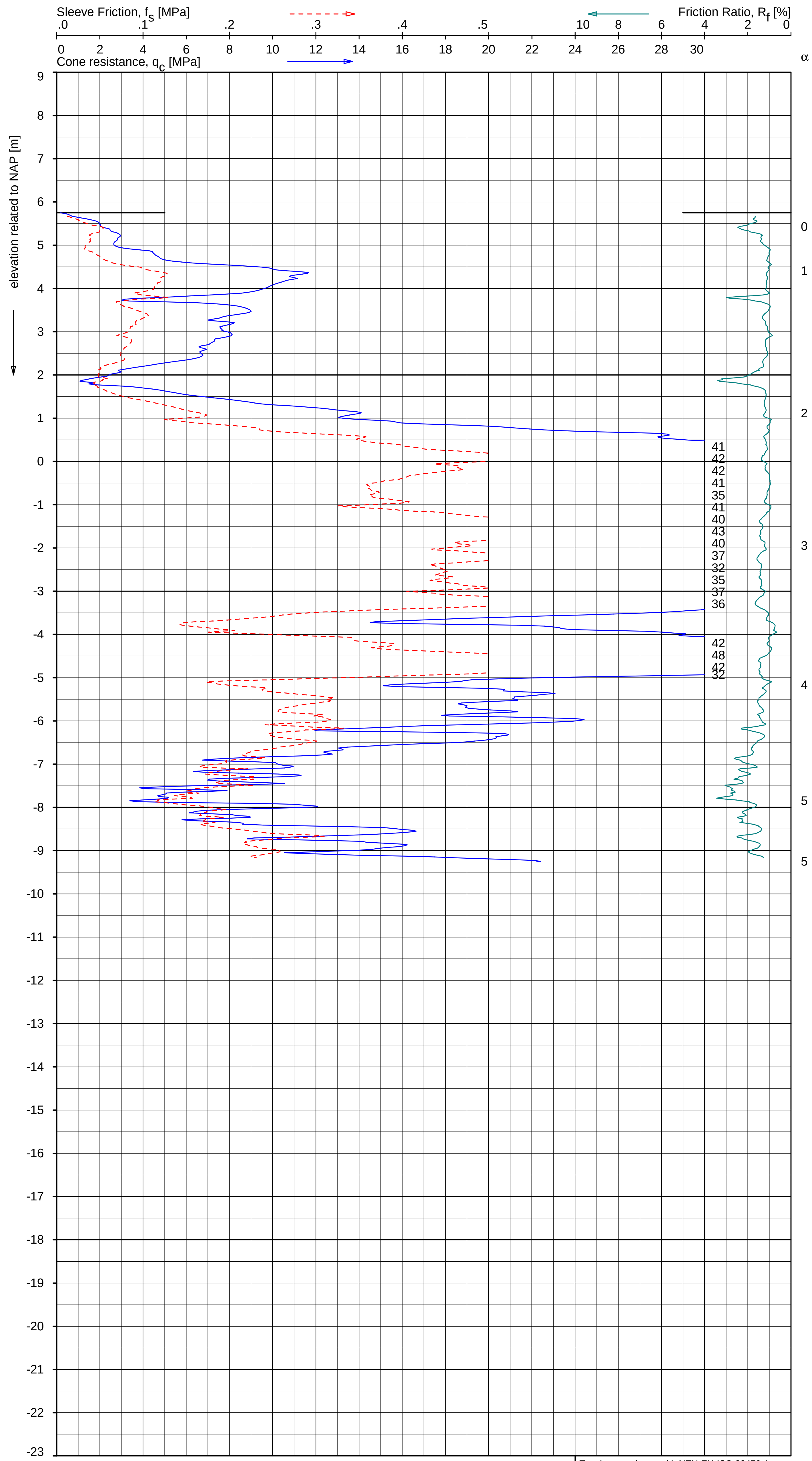
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT120

1018-0481-001

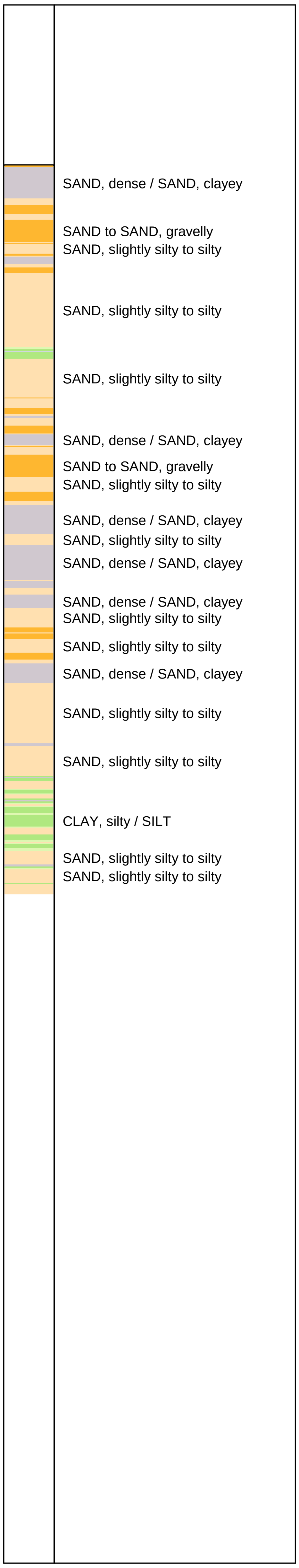
CPT120 - 1

FUGRO



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: GEV/ d.d. 10-apr-2019 Coord.: X= 66179.8 m Y= 442898.6 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.75 m Cone: CP15-CF75SN2 1701-2851

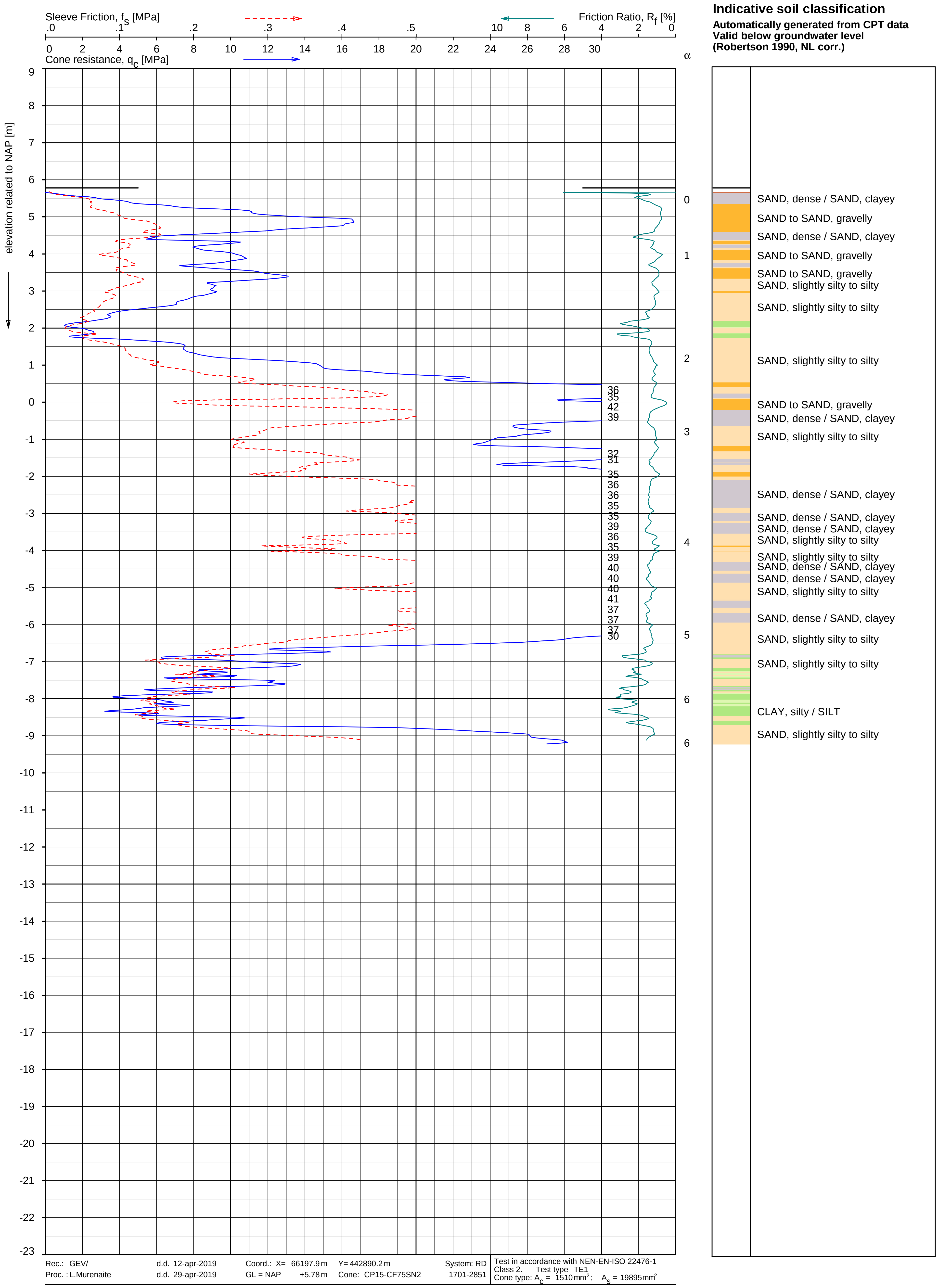
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT121

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:47



Rec.: GEV/ d.d. 12-apr-2019 Coord.: X= 66197.9 m Y= 442890.2 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.78 m Cone: CP15-CF75SN2 1701-2851

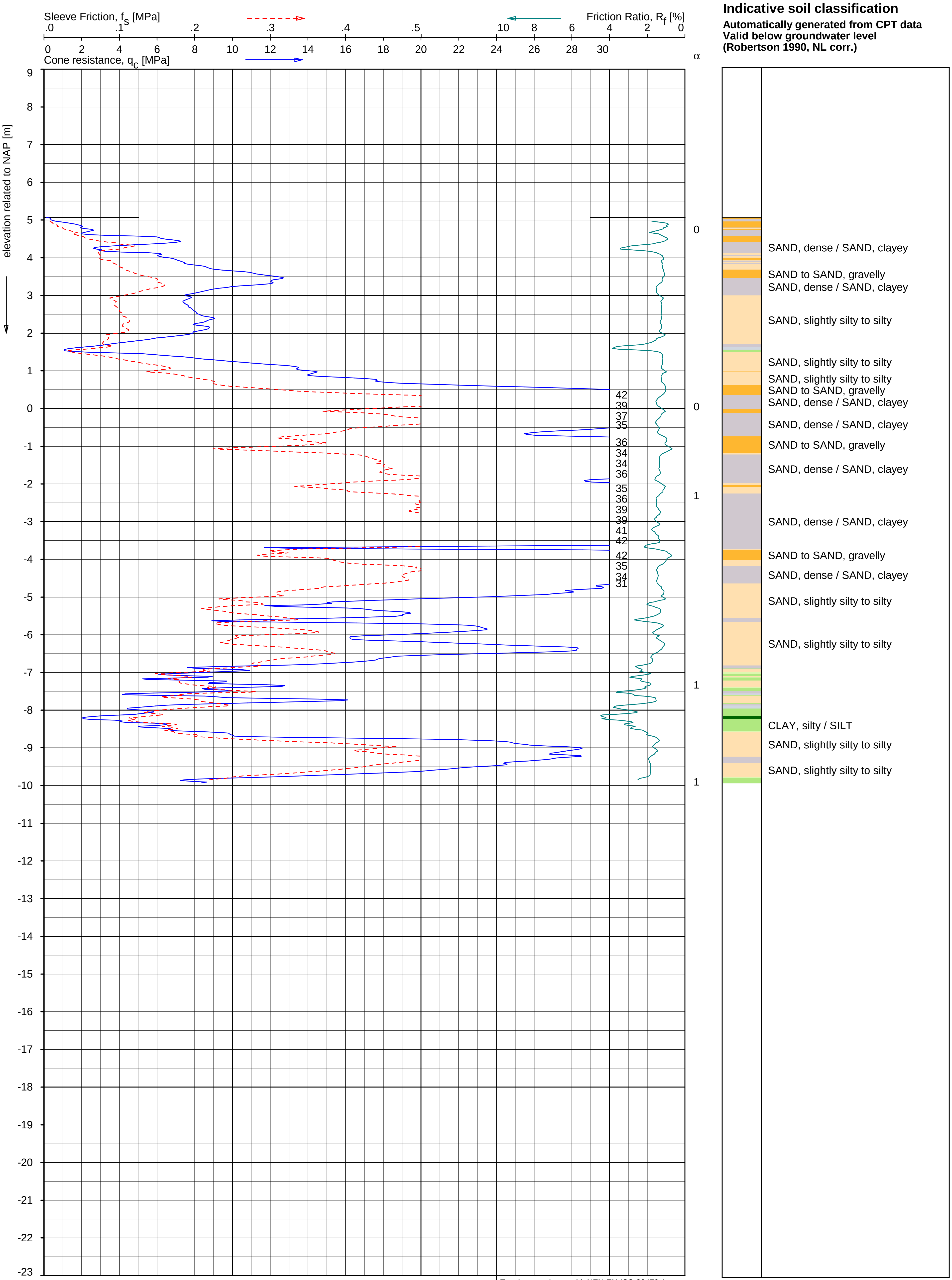
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

1018-0481-001

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT122



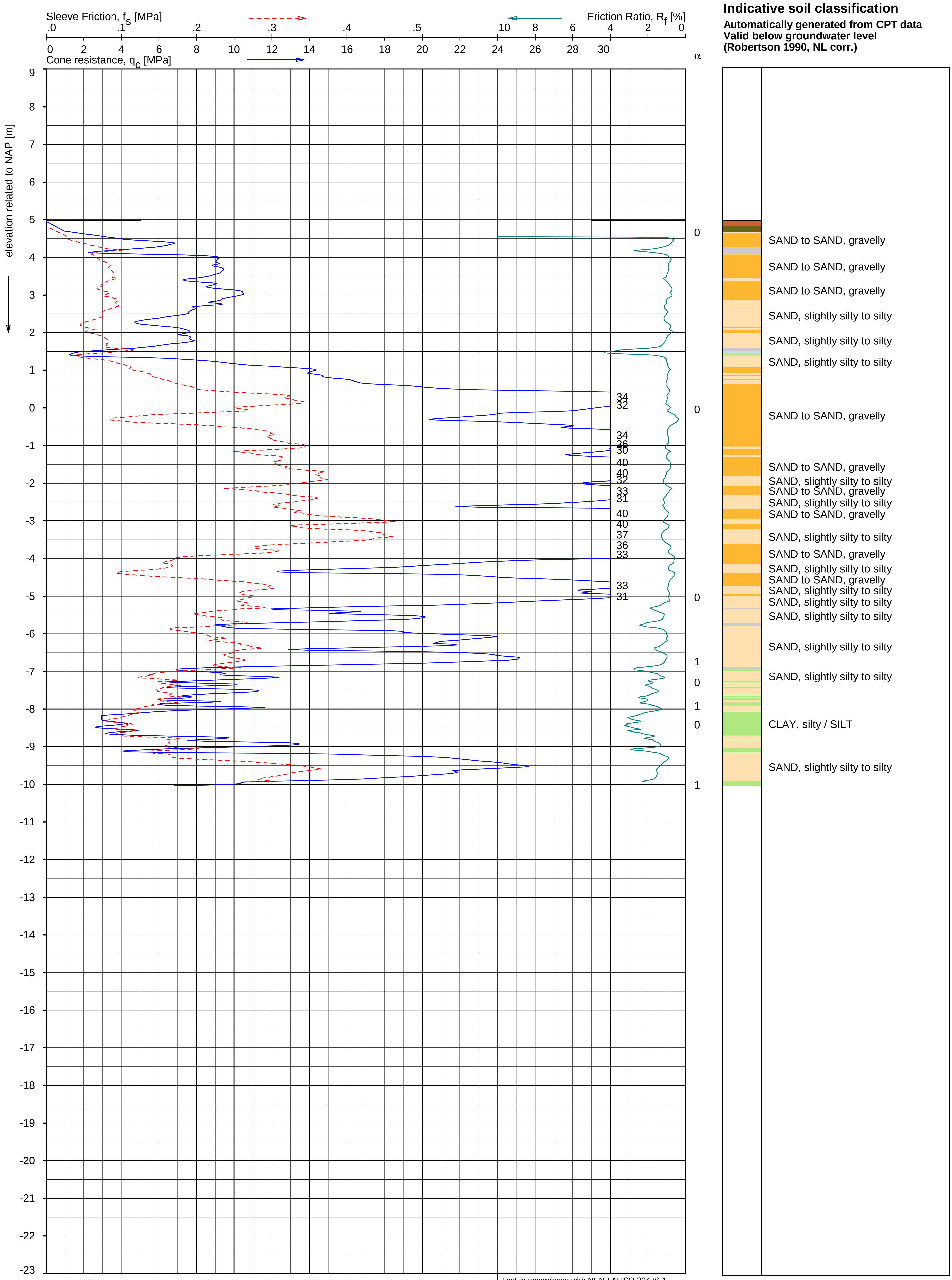
Rec.: CV/	d.d. 16-apr-2019	Coord.: X= 66216.0 m	Y= 442881.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.07 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT123

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:14

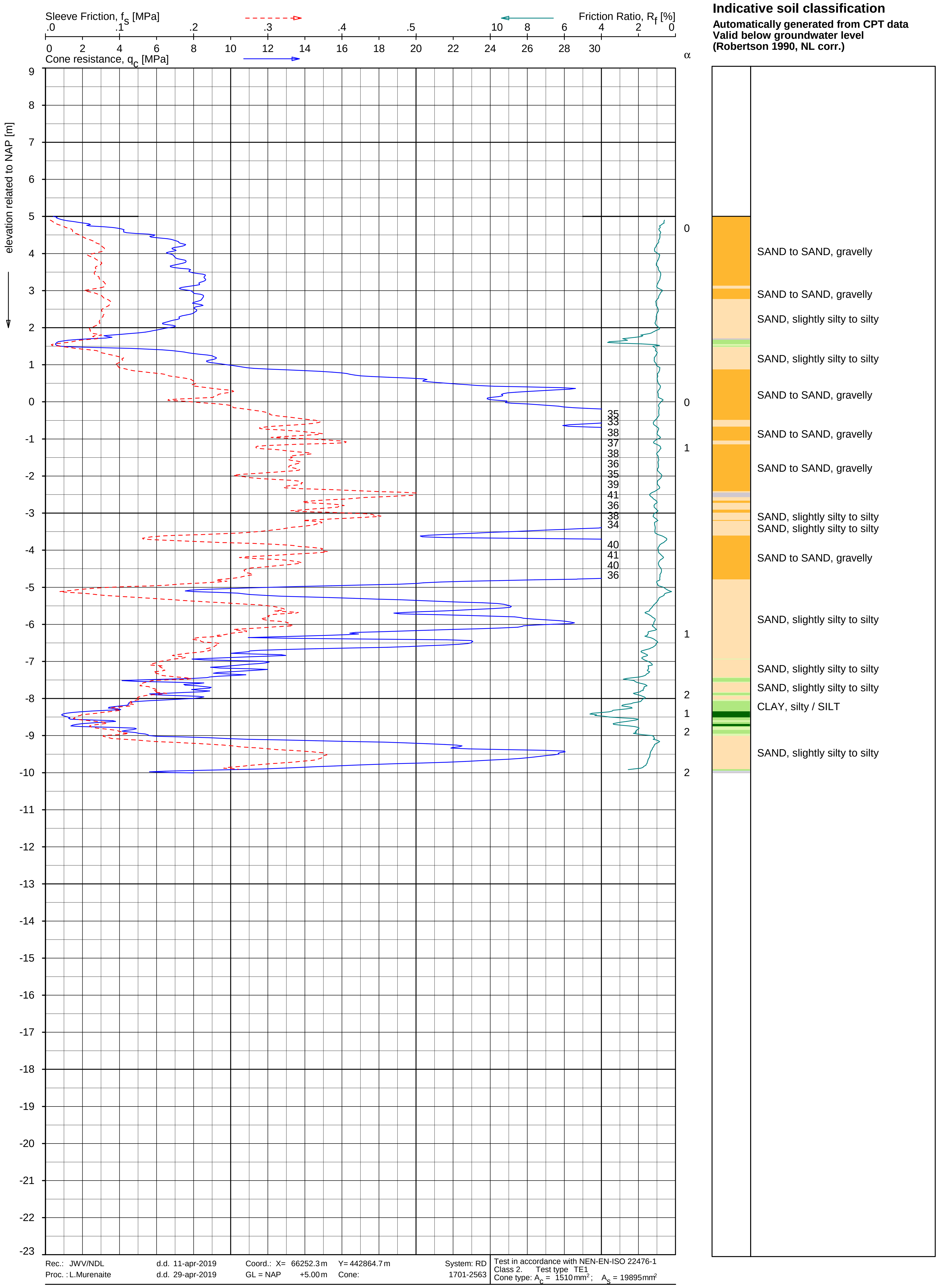


Rec.: JWV/NDL	d.d. 11-apr-2019	Coord.: X= 66234.2 m Y= 442873.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.98 m Cone:	1701-2563	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT 124



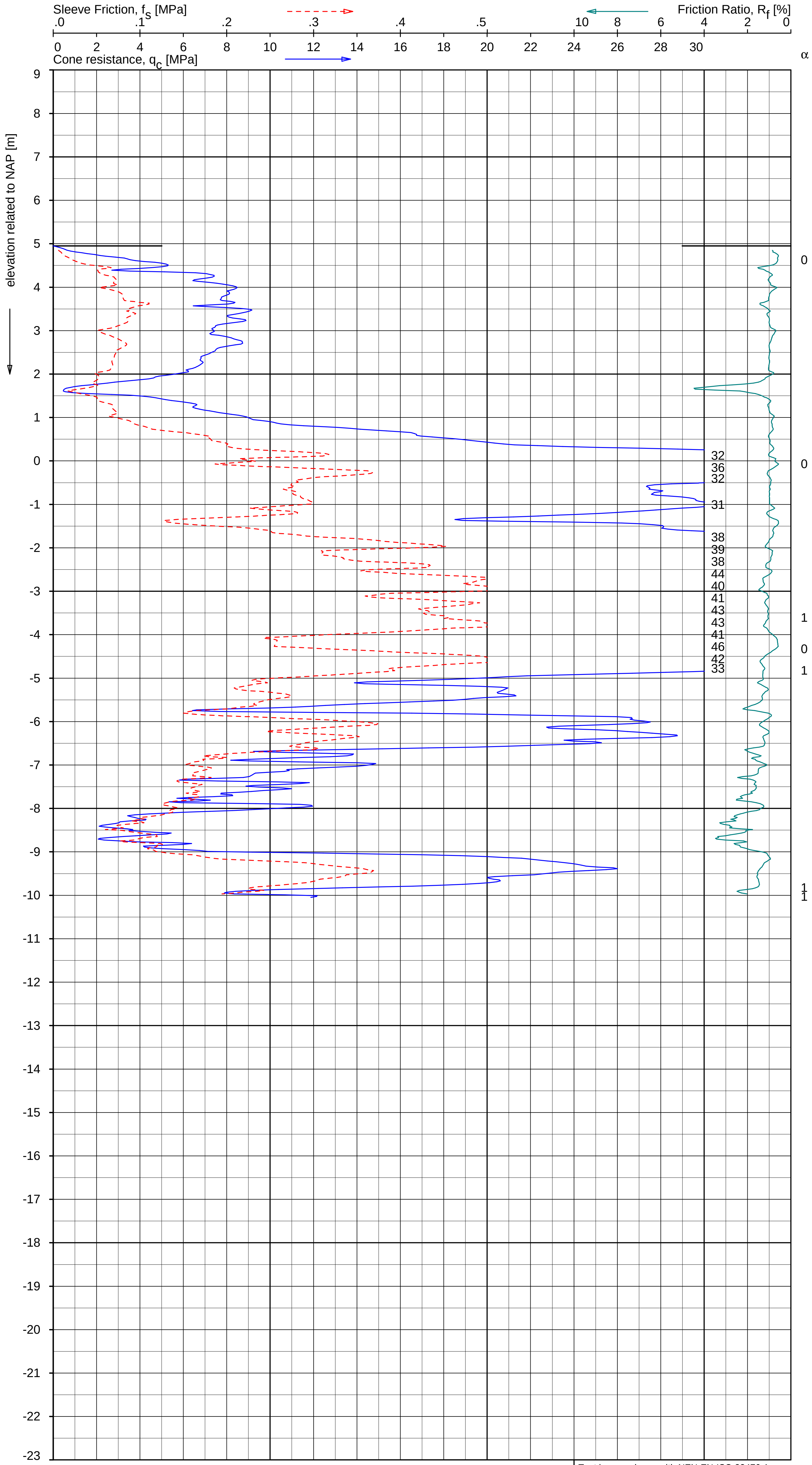
Rec.: JWV/NDL	d.d. 11-apr-2019	Coord.: X= 66252.3 m	Y= 442864.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.00 m	Cone:	1701-2563	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

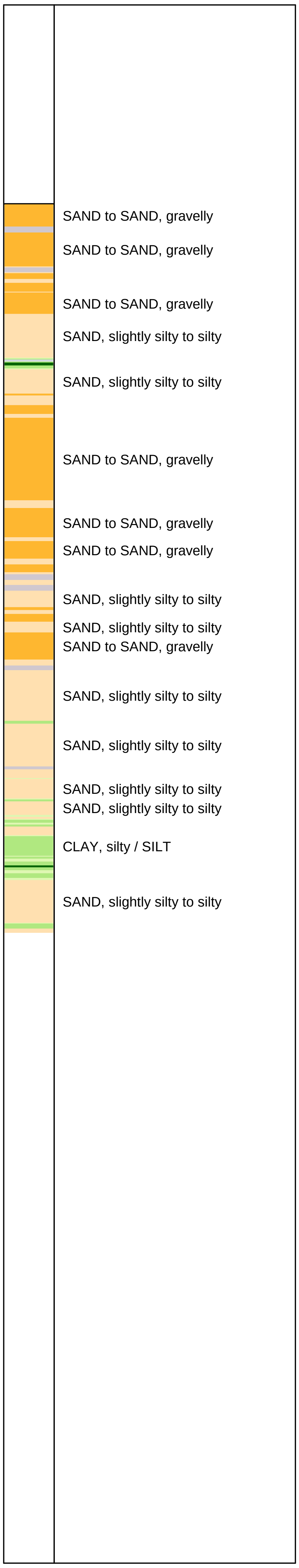
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT 125

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:52



Indicative soil classification
Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



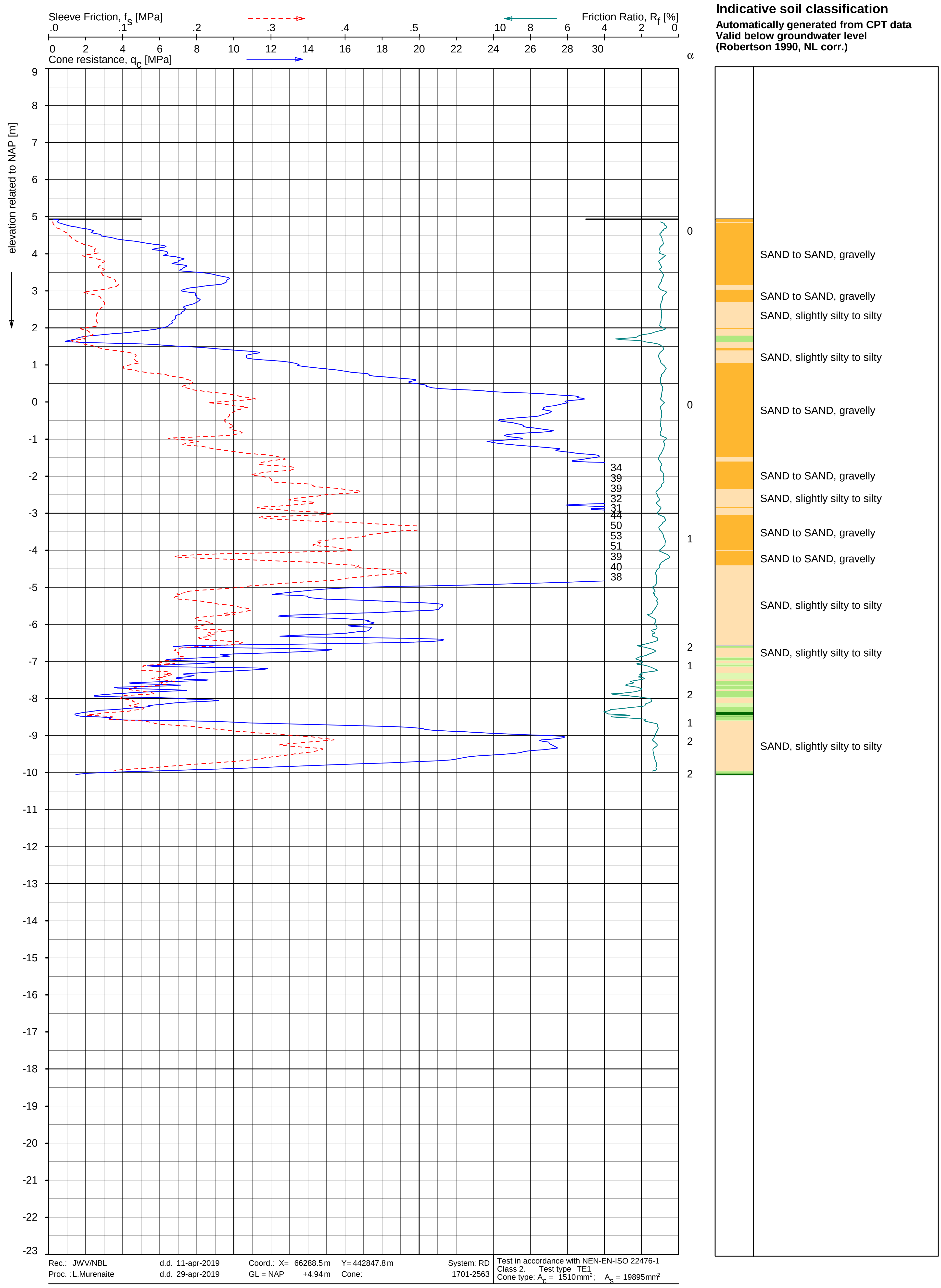
Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66270.4 m Y= 442856.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.95 m Cone:	1701-2563	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT 126

1018-0481-001



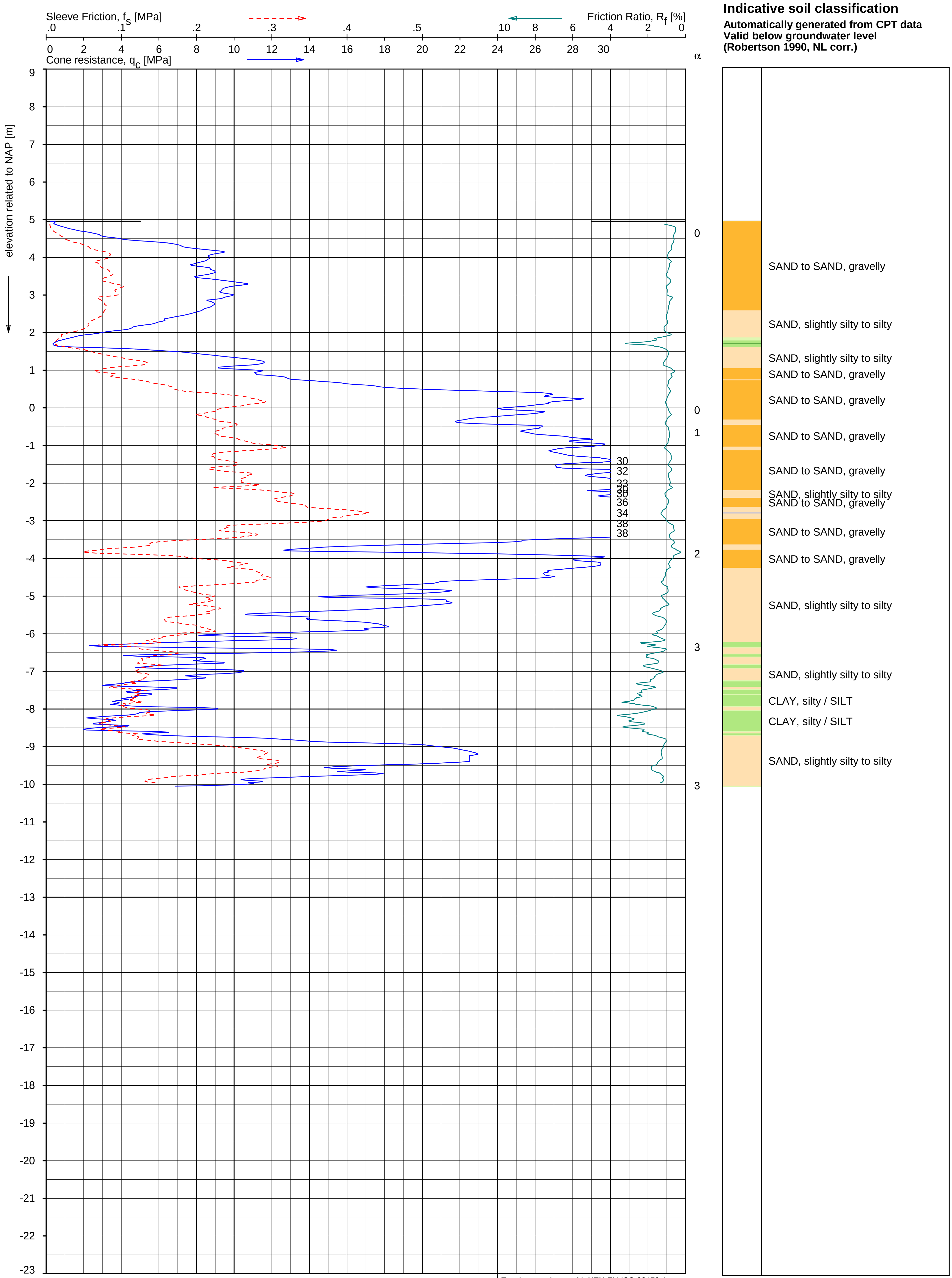
Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66288.5 m Y= 442847.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.94 m Cone:	1701-2563	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT127

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:02



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66306.6 m	Y= 442839.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.96 m	Cone:	1701-2563	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

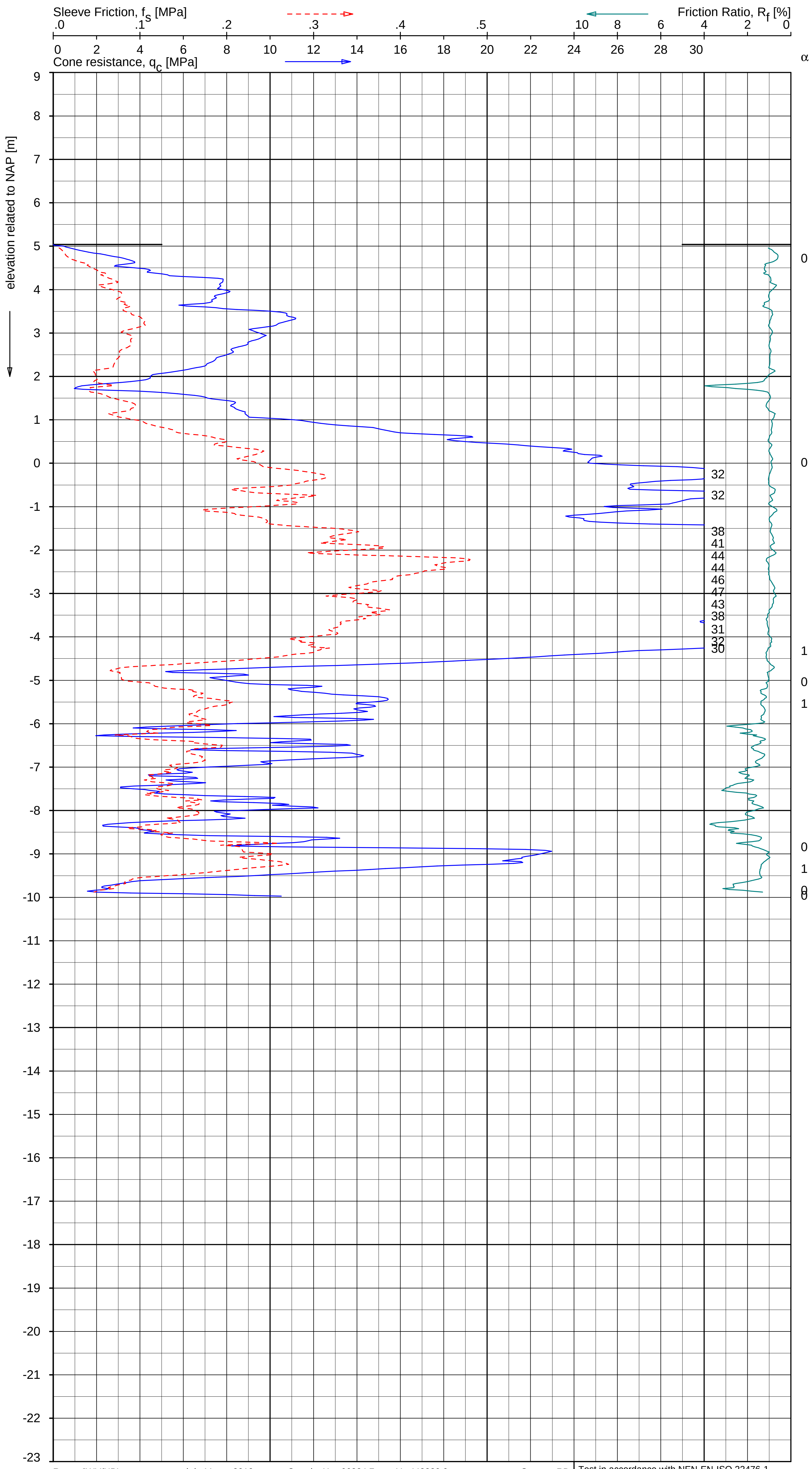
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

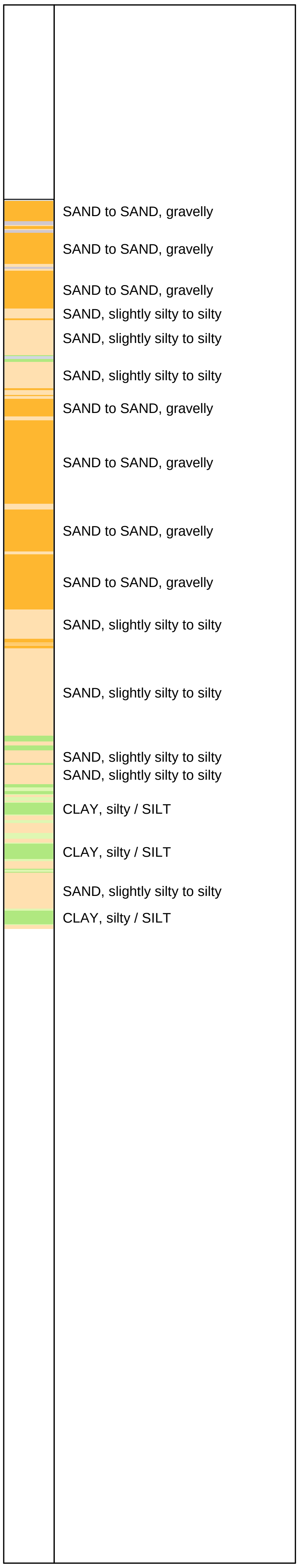
Proj. 1018-0481-001
Cpt CPT128

1018-0481-001

CPT128 - 1



Indicative soil classification
Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66324.7 m Y= 442830.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.04 m Cone:	1701-2563	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

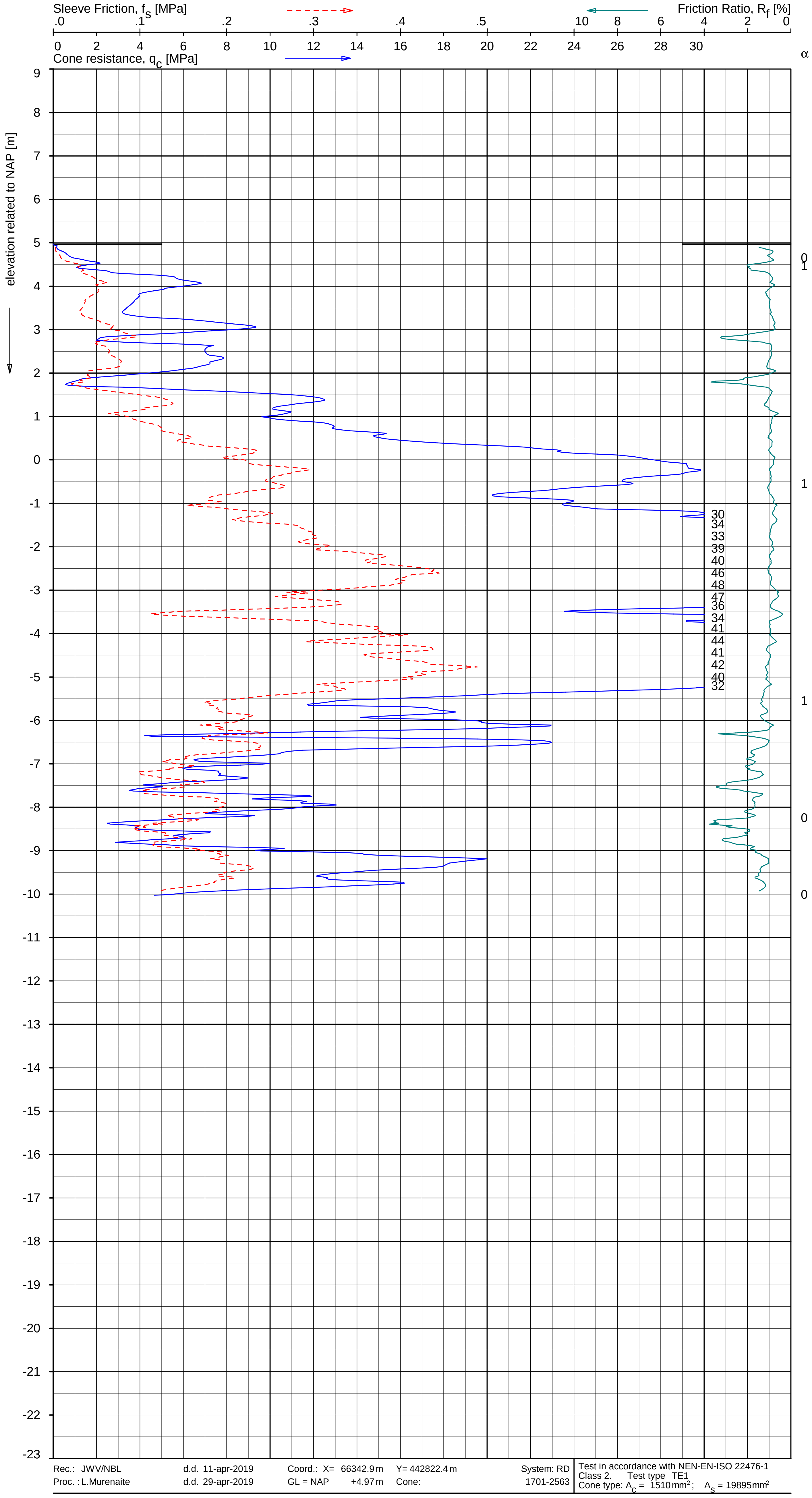
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT129

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:49

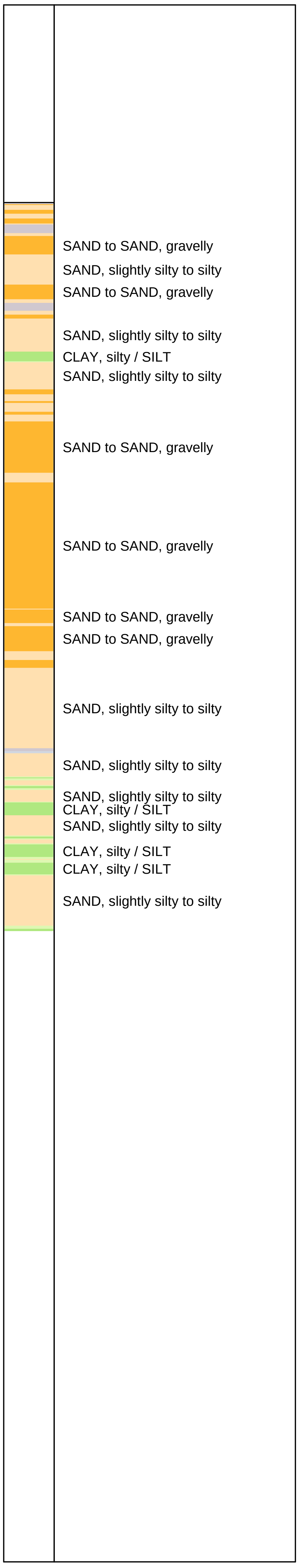
1018-0481-001

CPT129 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

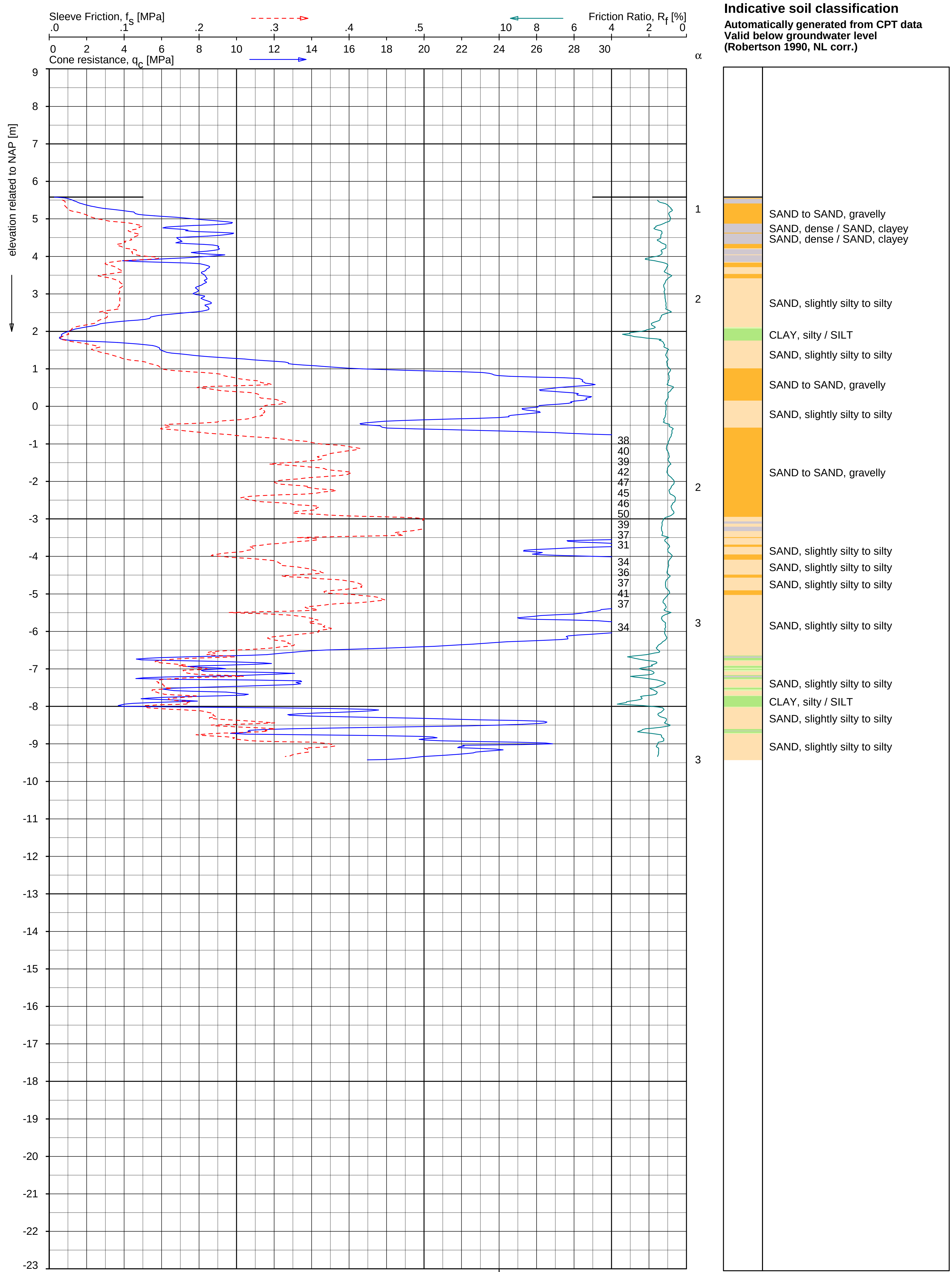


Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66342.9 m Y= 442822.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.97 m Cone:	1701-2563	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT130



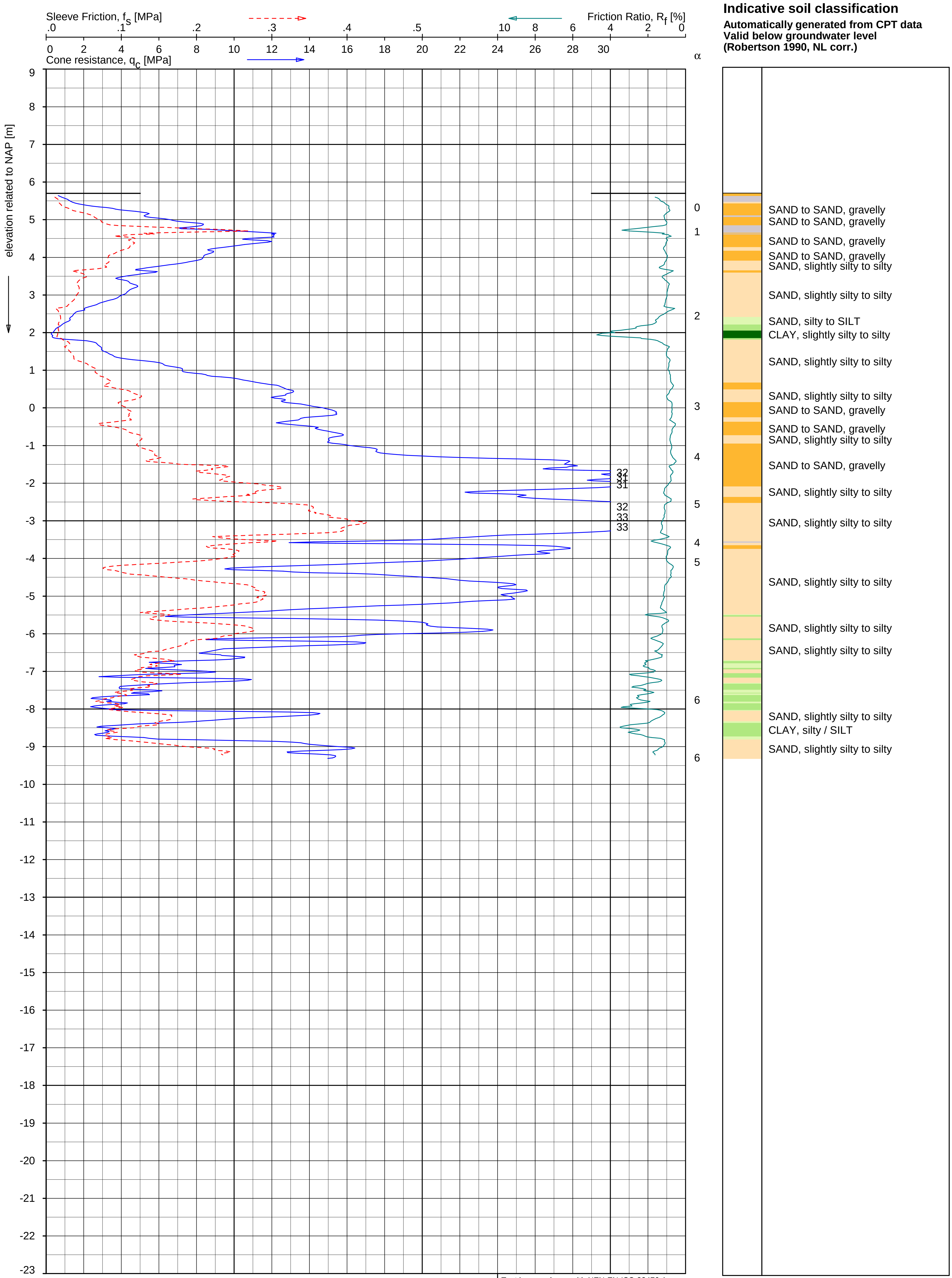
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:07

Rec.: AVS	d.d. 04-apr-2019	Coord.: X= 66117.0 m Y= 442905.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.58 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT131



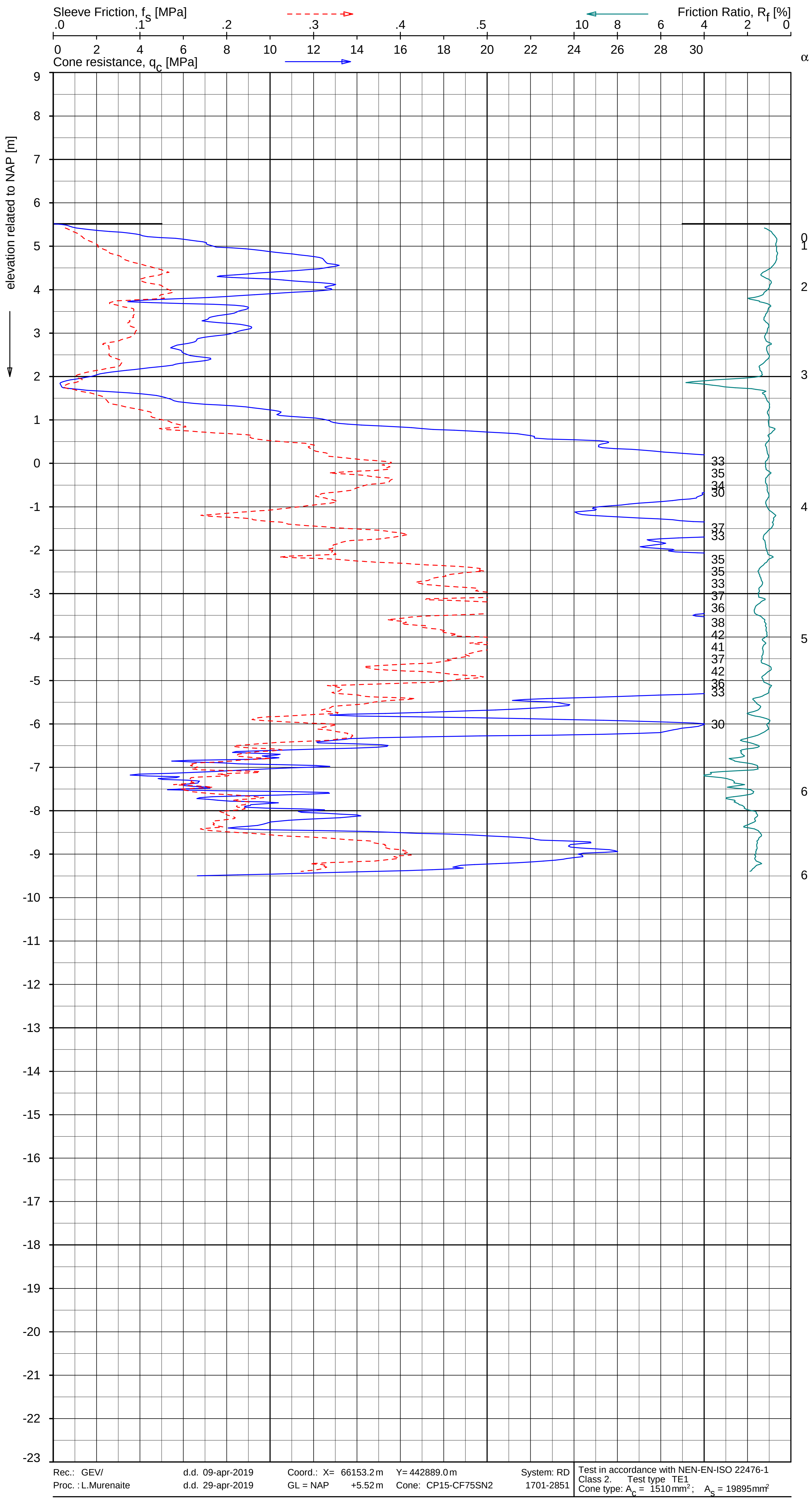
Rec.: AVS Proc. : L.Murenaite	d.d. 08-apr-2019 d.d. 29-apr-2019	Coord.: X= 66135.1 m Y= 442897.4 m GL = NAP +5.70 m Cone: CP15-CF75SN2	System: RD 1701-2674

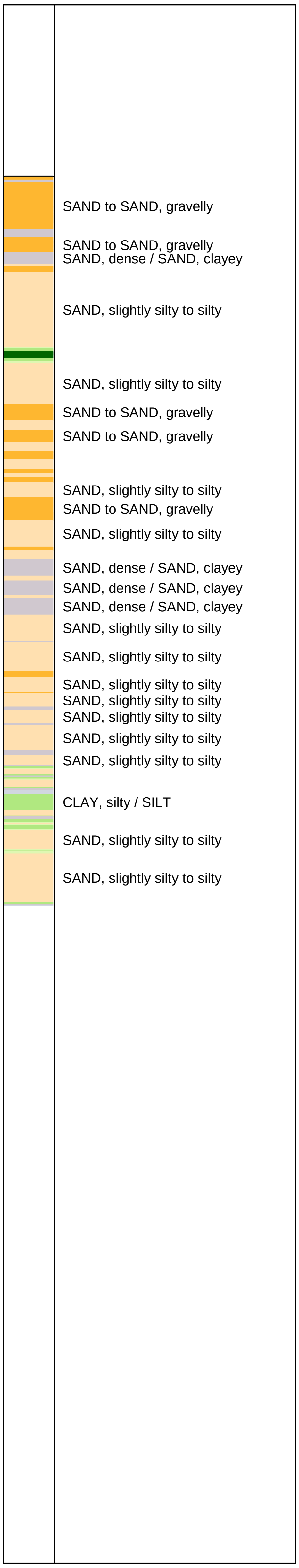
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT132





Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

Rec.: GEV/ d.d. 09-apr-2019 Coord.: X= 66153.2 m Y= 442889.0 m System: RD

Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.52 m Cone: CP15-CF75SN2 1701-2851

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

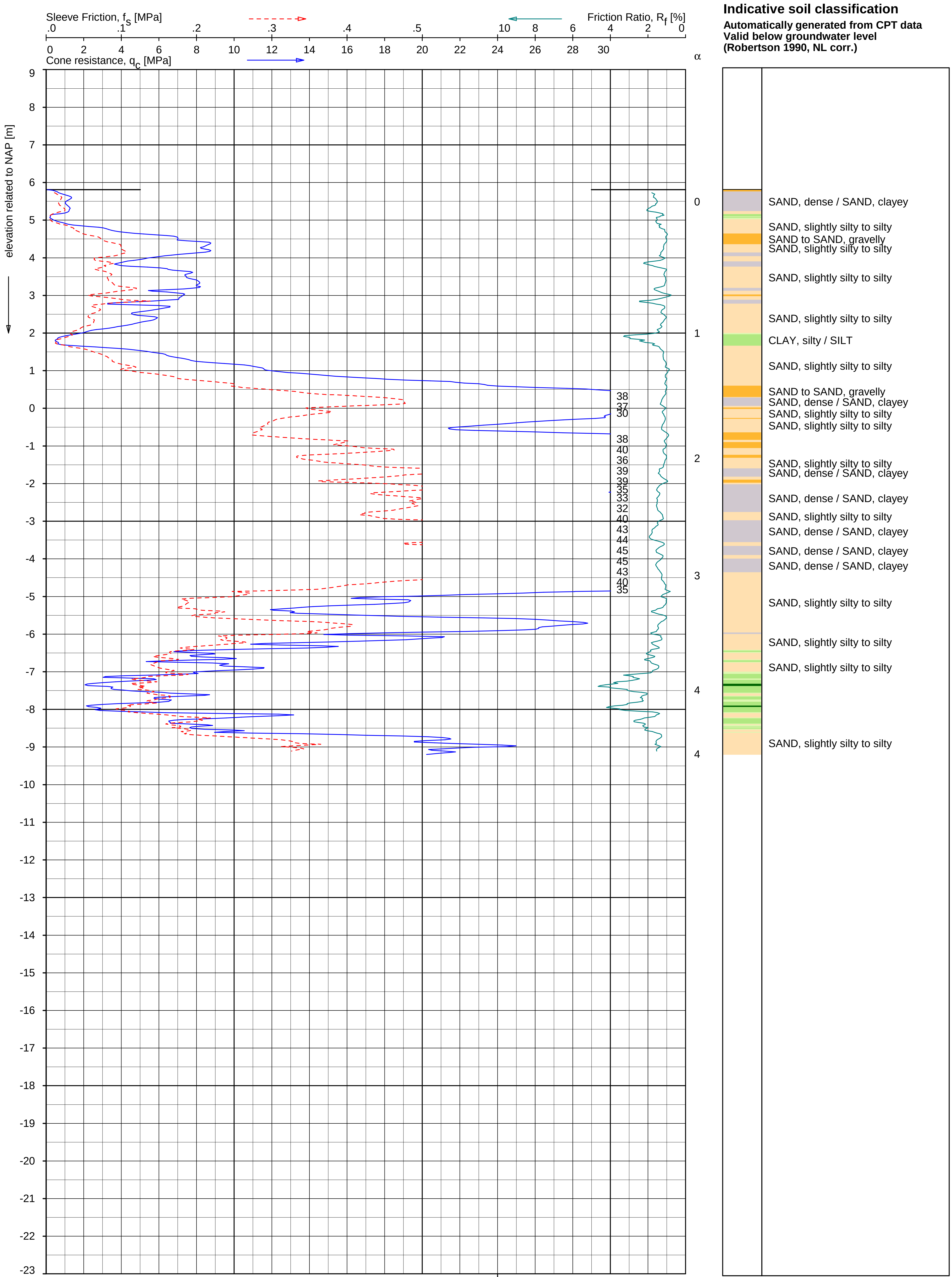
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT133

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:19

1018-0481-001

CPT133 - 1



Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66171.3 m	Y= 442880.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.81 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

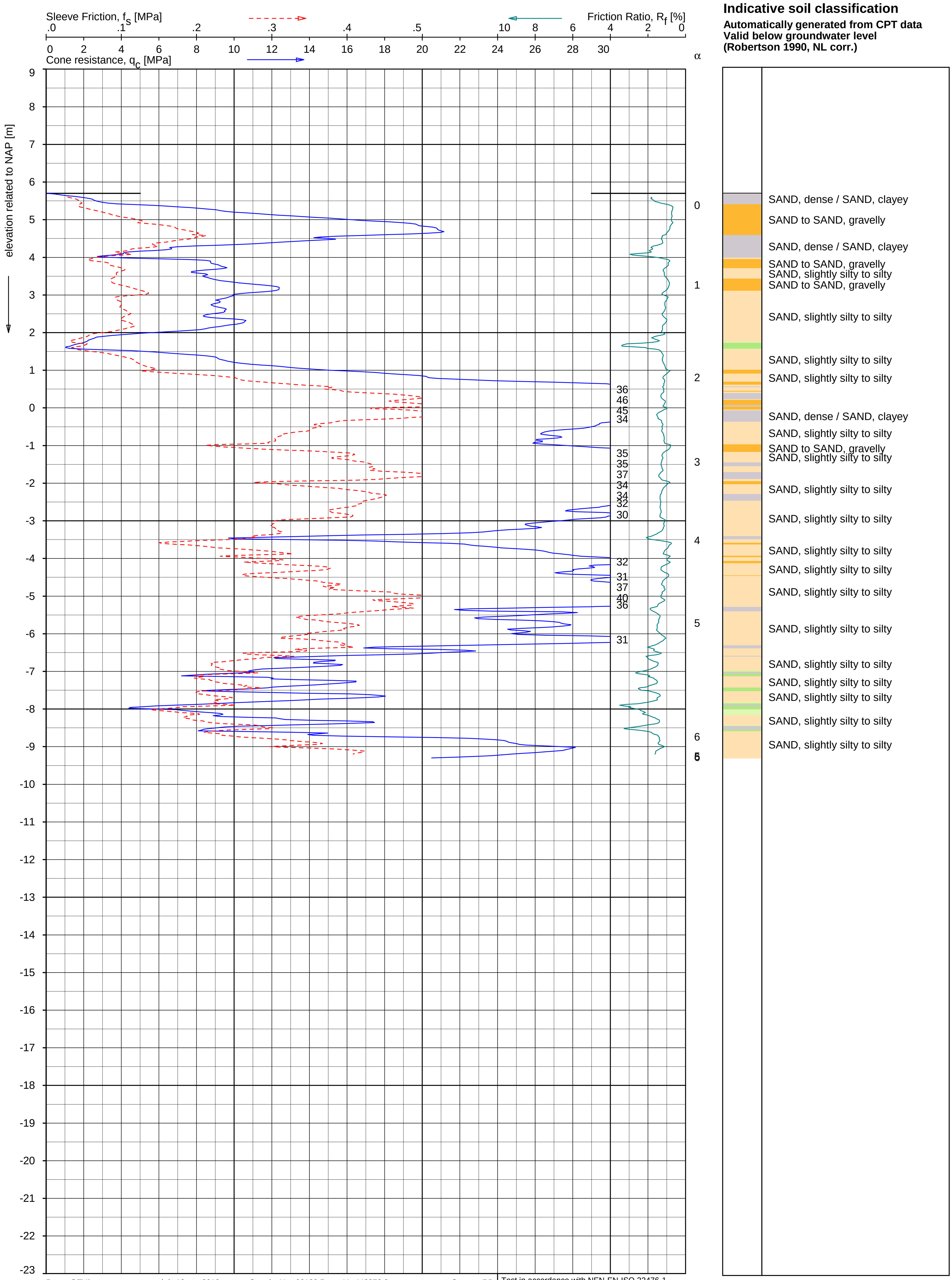
Proj. 1018-0481-001
Cpt CPT134

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:37:32

1018-0481-001

CPT134 - 1

FUGRO

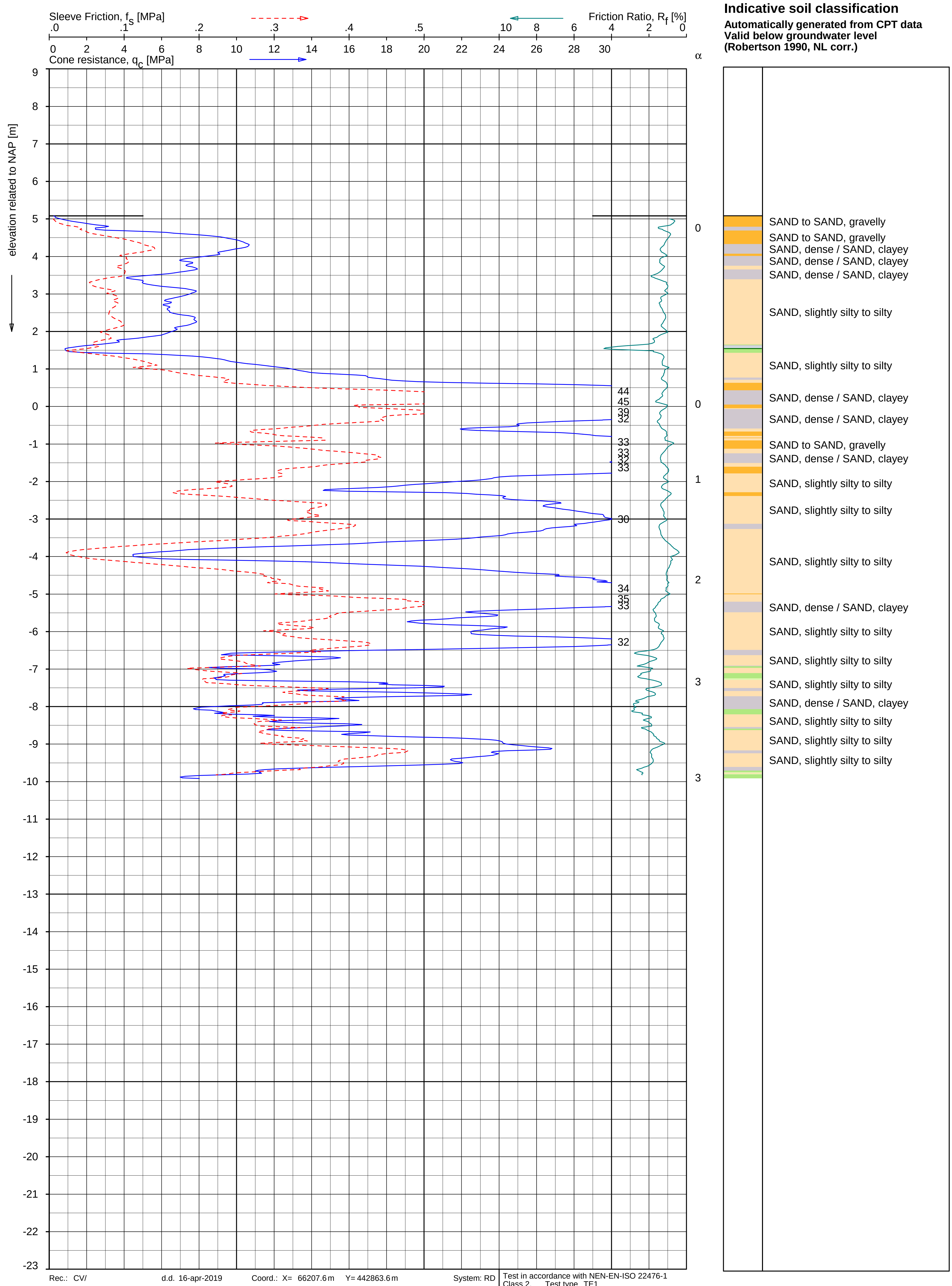


Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66189.5 m Y= 442872.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.70 m Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT135



Rec.: CV/	d.d. 16-apr-2019	Coord.: X= 66207.6 m	Y= 442863.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.08 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

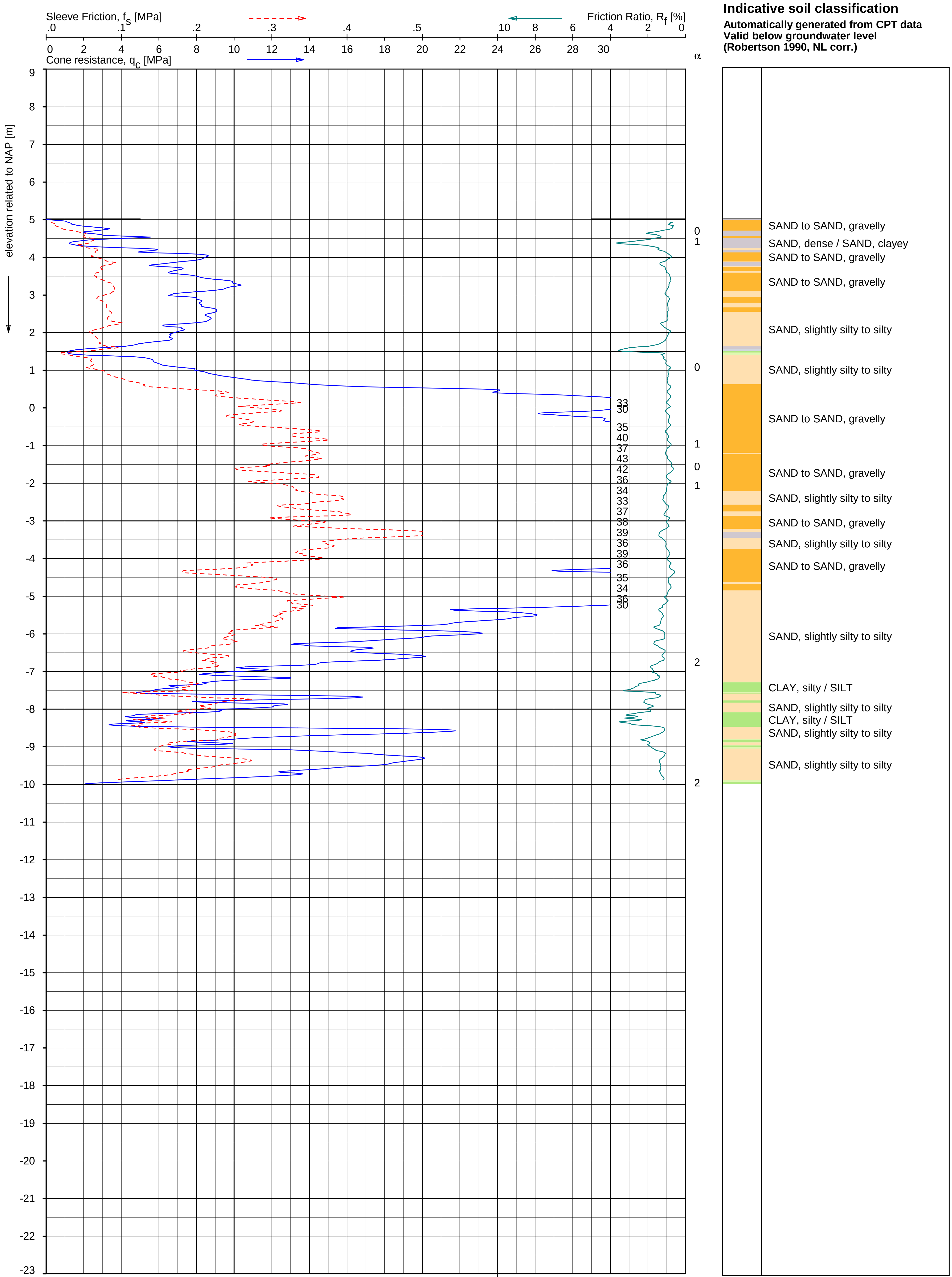
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT136

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:40

1018-0481-001

CPT137 - 1



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66225.7 m Y= 442855.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m Cone:	1701-2563	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

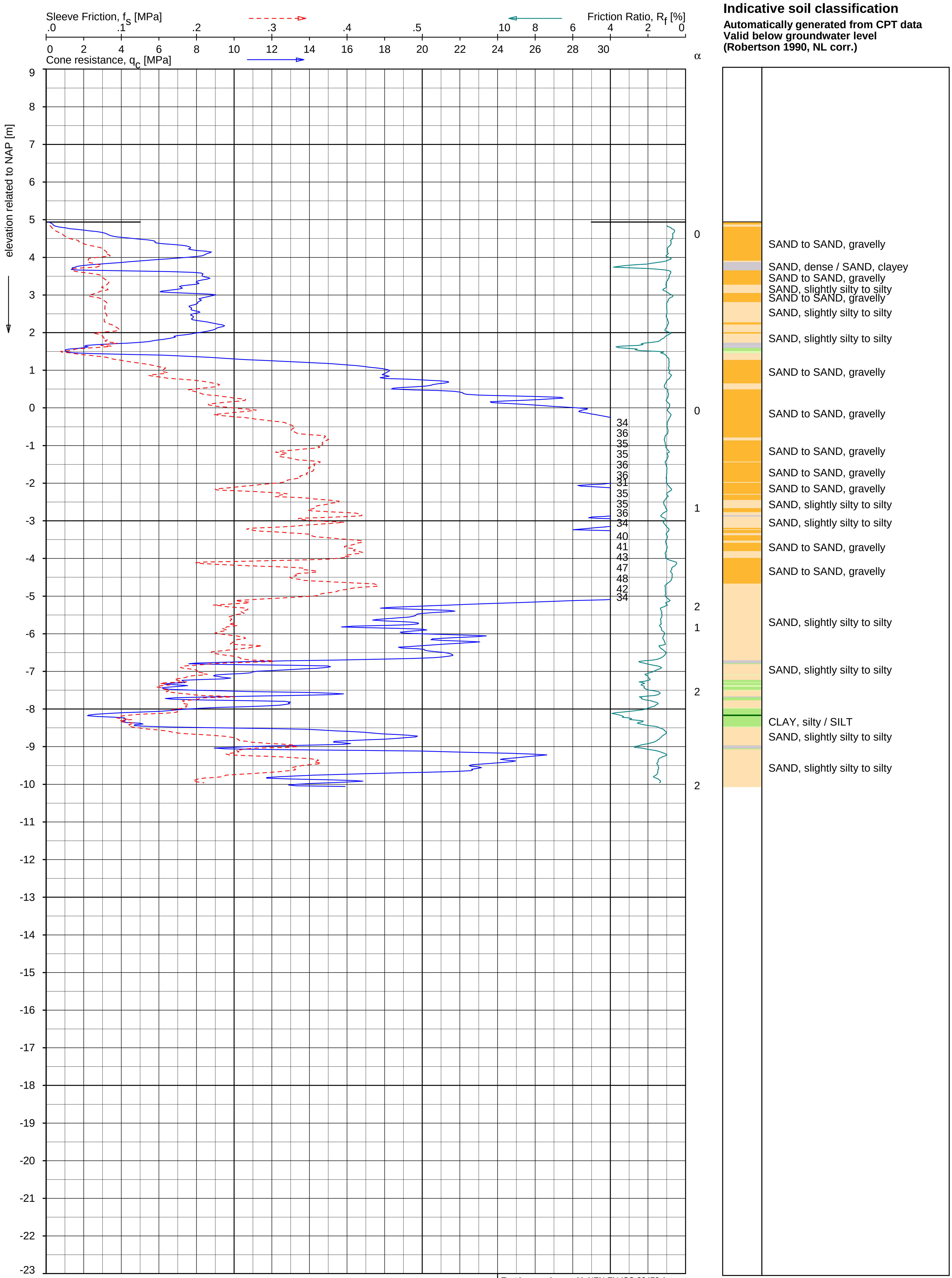
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT137

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:17

1018-0481-001



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66243.8 m	Y= 442846.6 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.94 m	Cone:	1701-2563

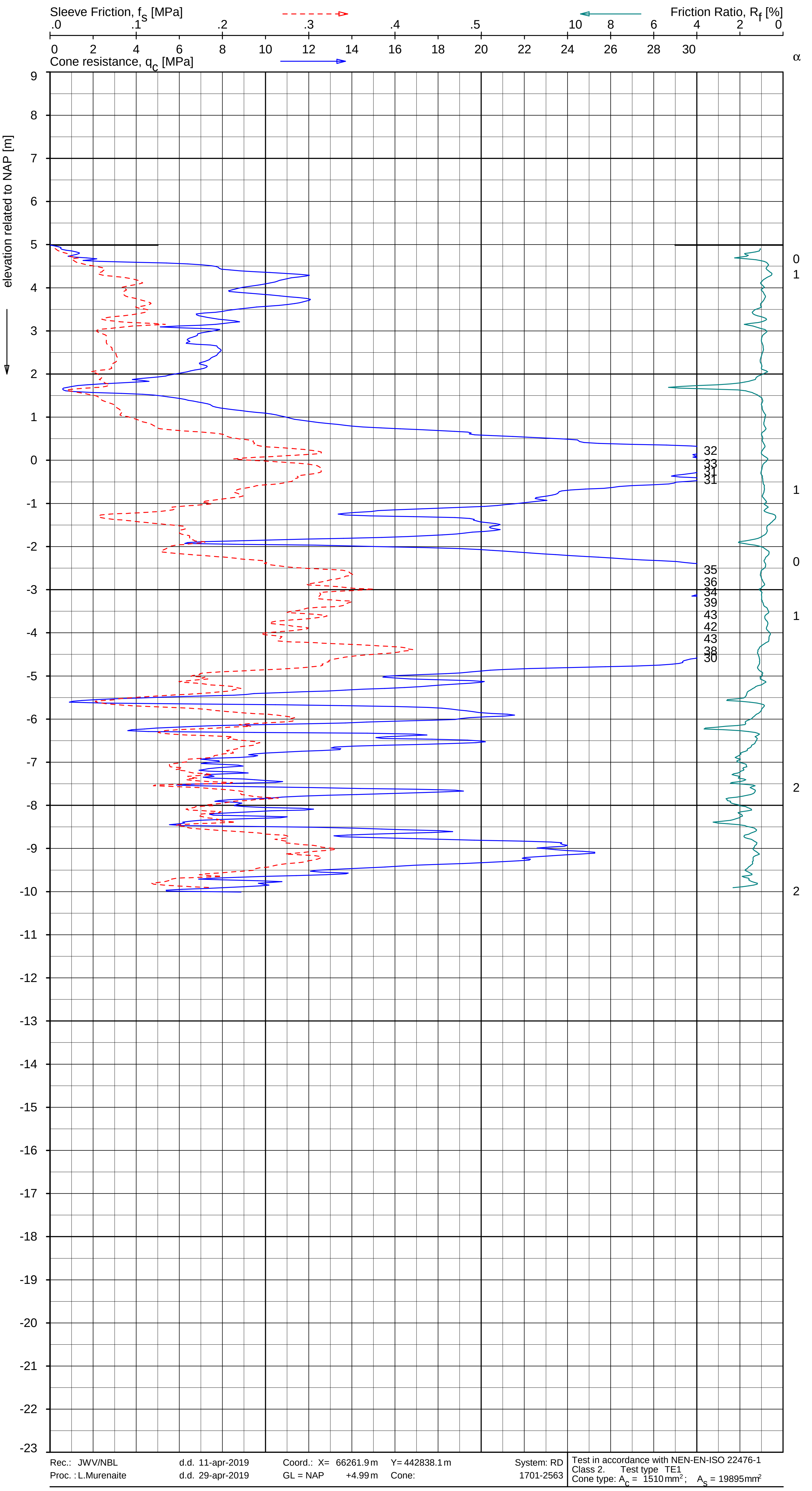
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

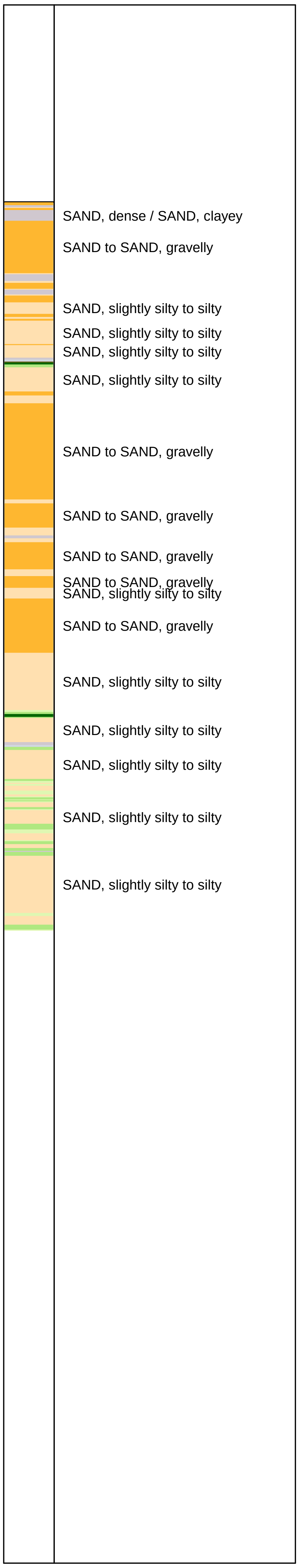
Proj. 1018-0481-001
Cpt CPT138

CPT138 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66261.9 m Y= 442838.1 m	System: RD
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.99 m Cone:	1701-2563

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

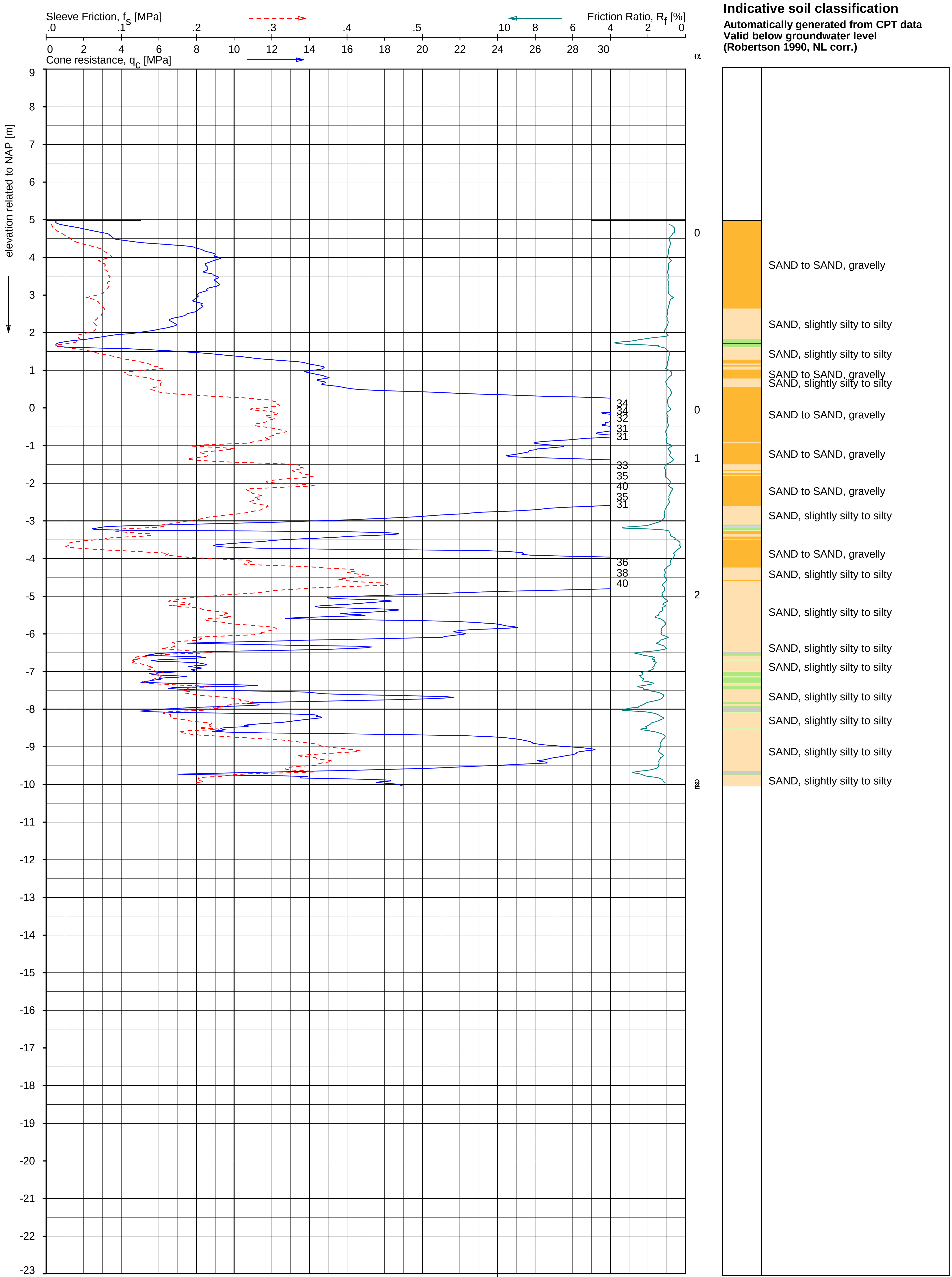
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT139

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:05

1018-0481-001

CPT139 - 1



Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66280.1 m	Y= 442829.7 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.97 m	Cone:	1701-2563

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

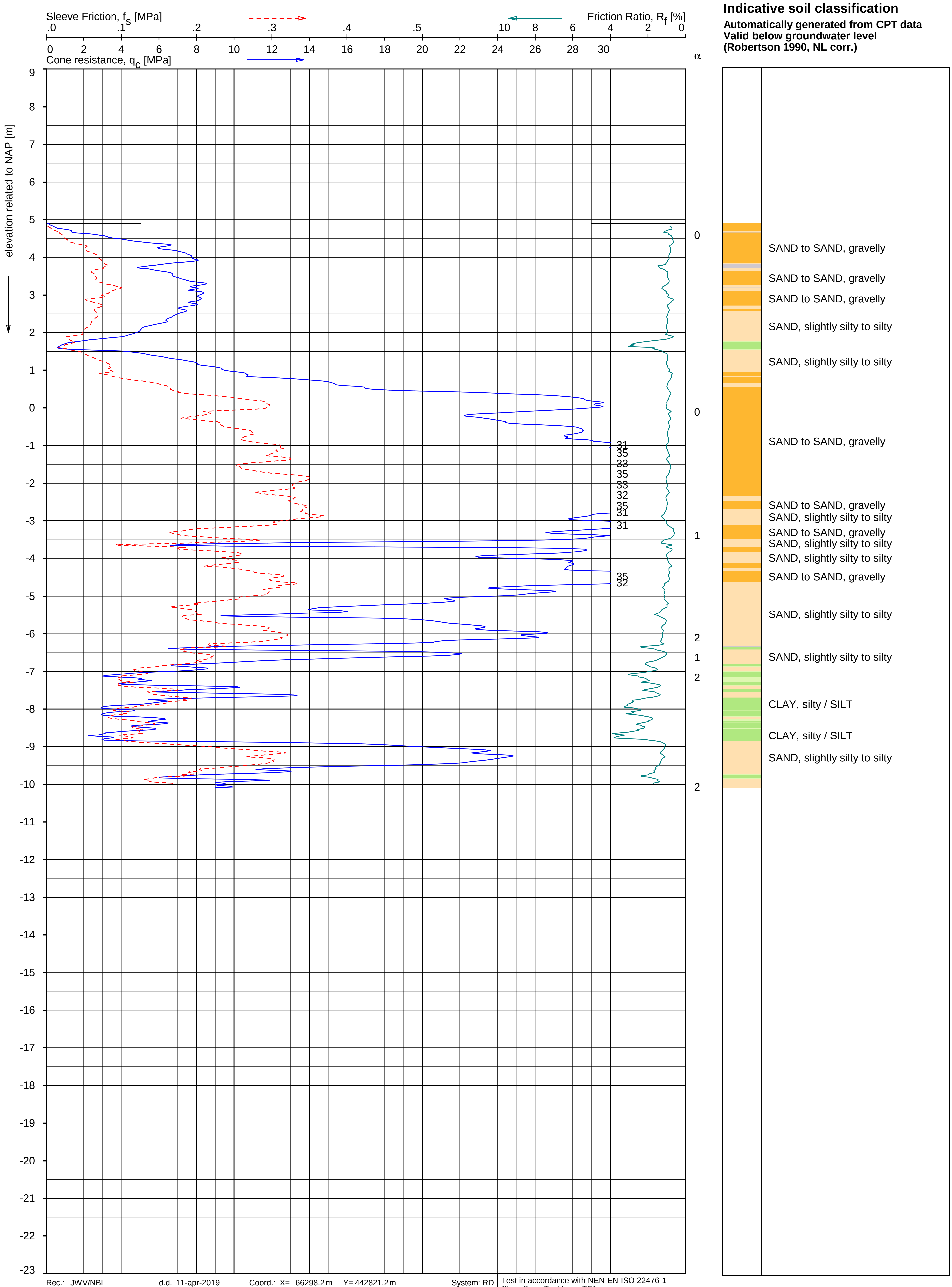
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT140

FUGRO

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:41:09



Rec.: JWV/NBL d.d. 11-apr-2019 Coord.: X= 66298.2 m Y= 442821.2 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.91 m Cone: 1701-2563

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

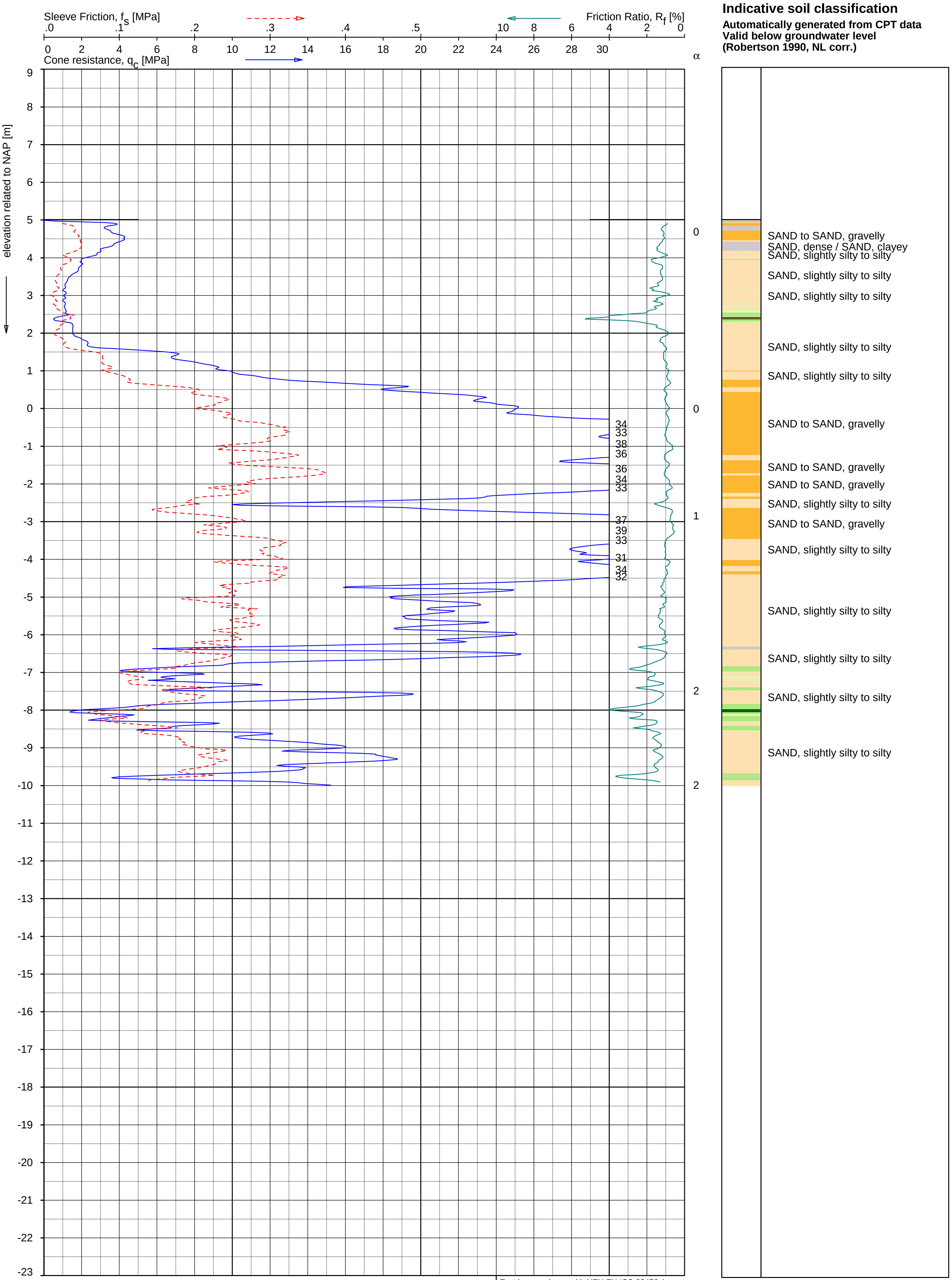
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT141

1018-0481-001

CPT141 - 1



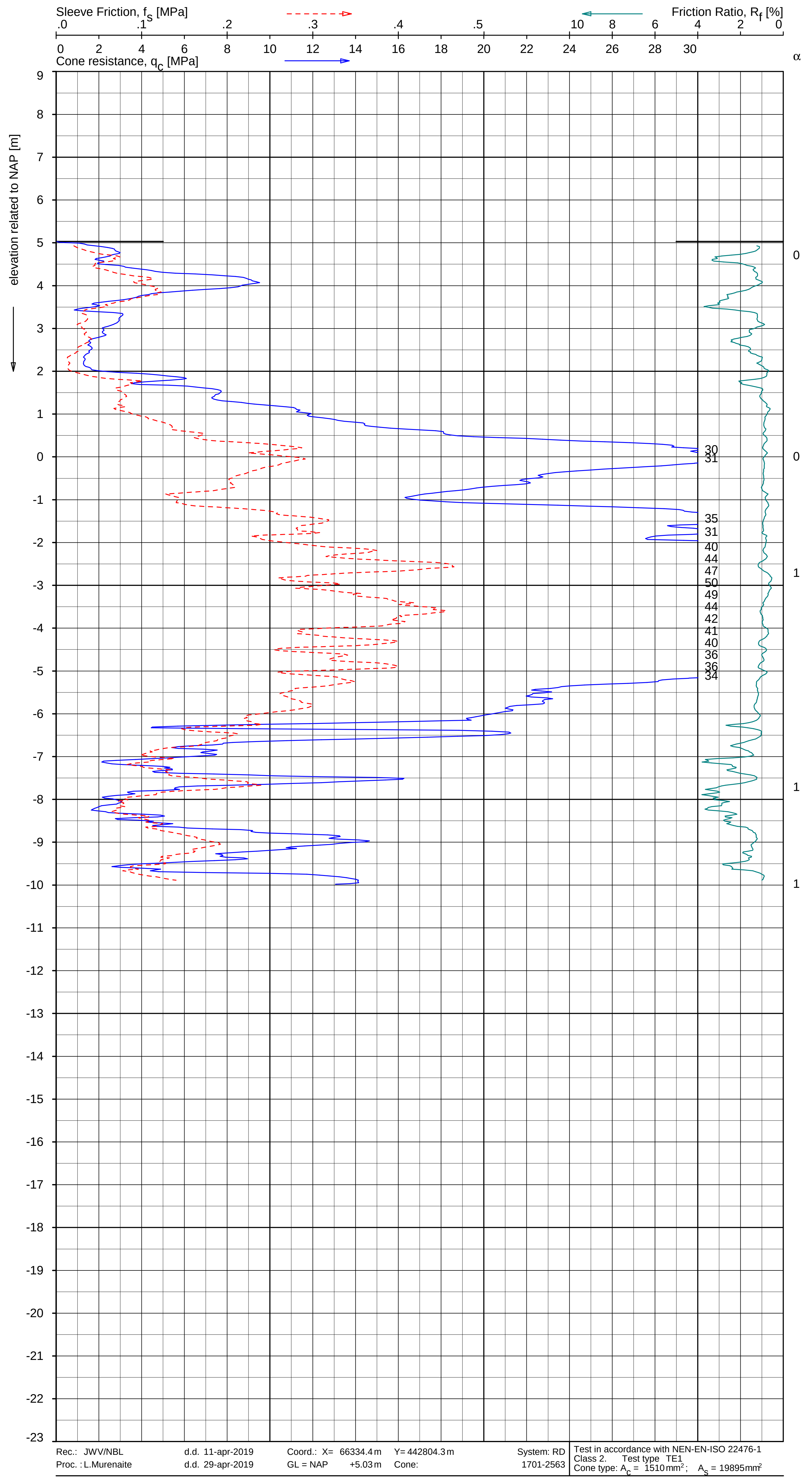
Rec.: JWV/NBL d.d. 11-apr-2019 Coord.: X= 66316.3 m Y= 442812.7 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.01 m Cone: 1701-2563

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

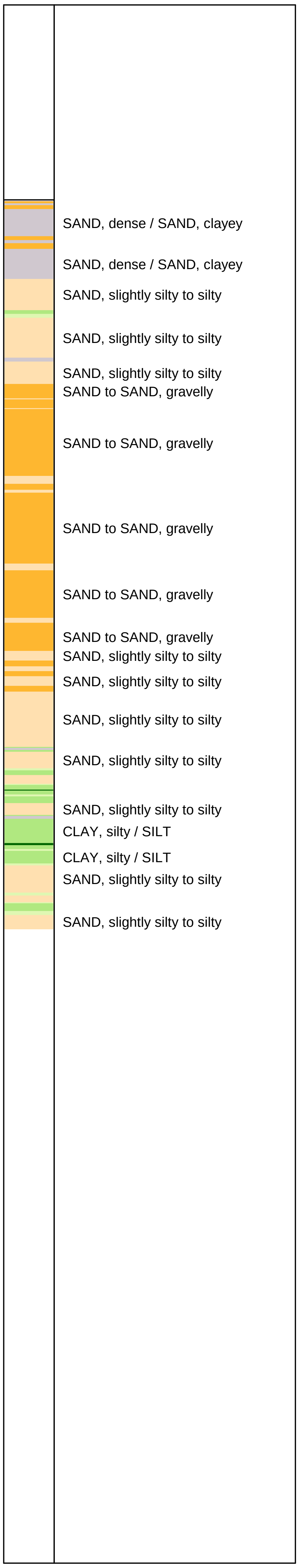
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT142



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



SAND, dense / SAND, clayey
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
CLAY, silty / SILT
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: JWV/NBL	d.d. 11-apr-2019	Coord.: X= 66334.4 m Y= 442804.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.03 m Cone:	1701-2563	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

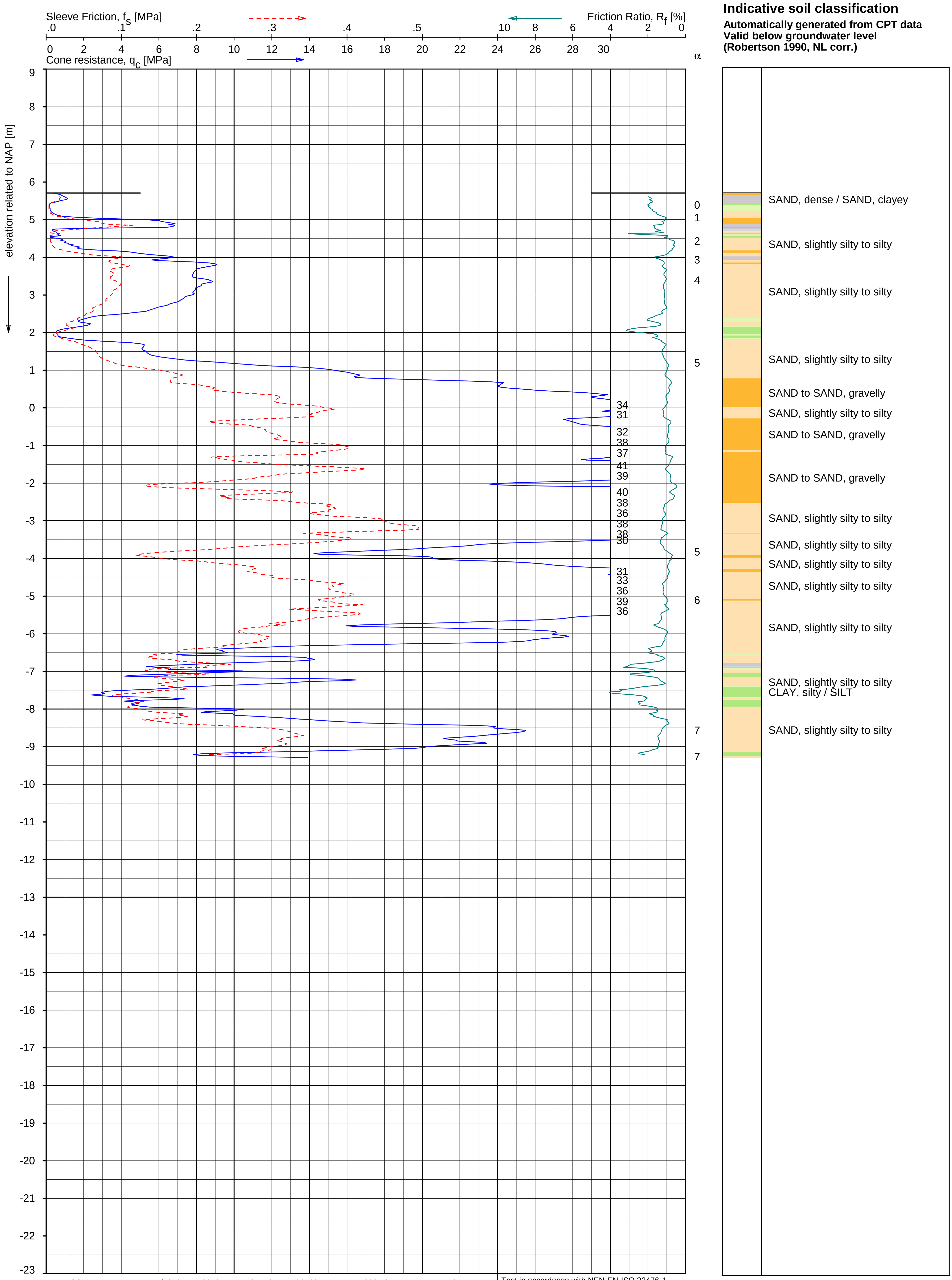
Proj. 1018-0481-001
Cpt CPT143

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:37:07

1018-0481-001

CPT143 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:51



Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66108.5 m Y= 442887.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.71 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

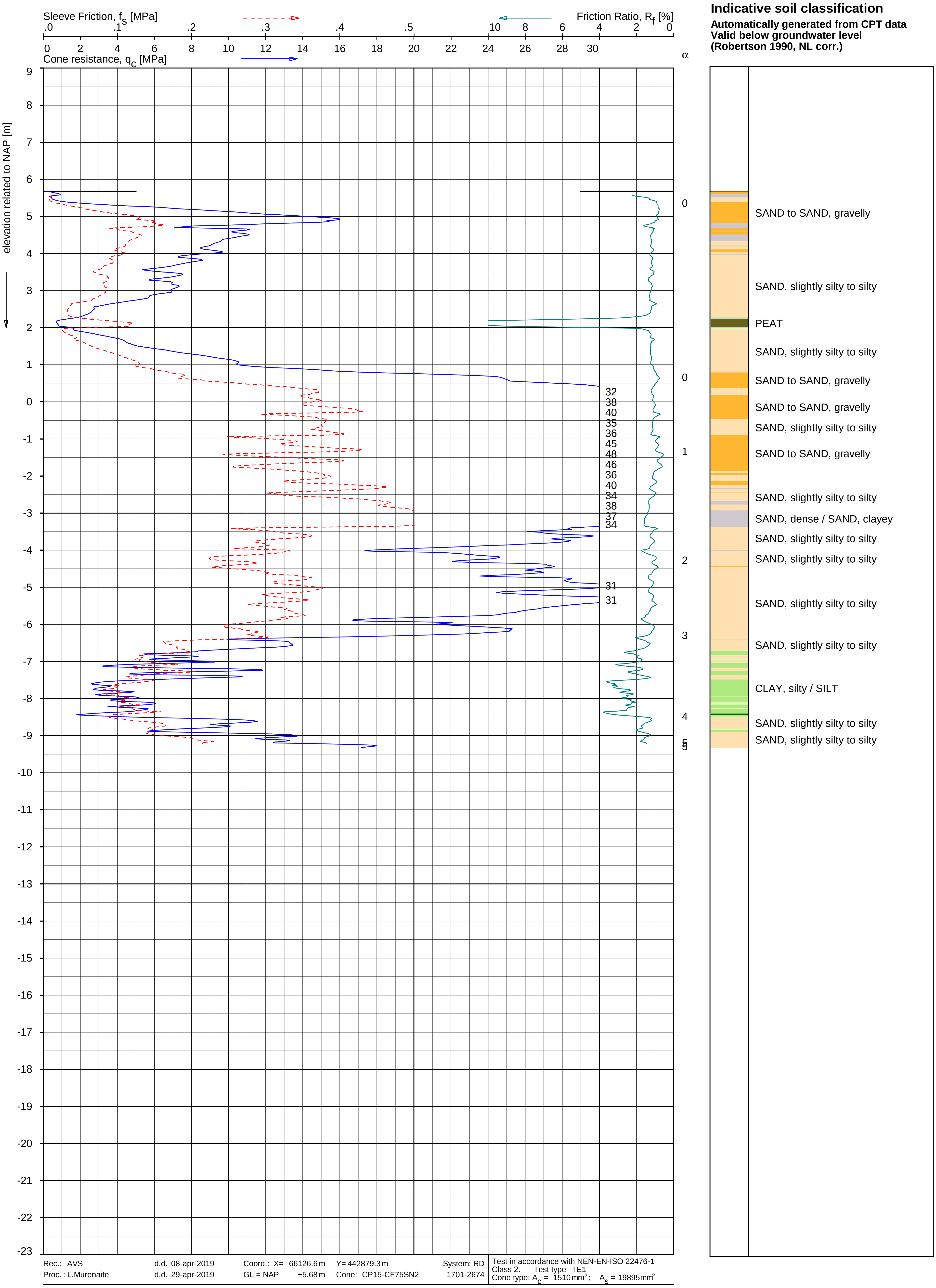
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT144

1018-0481-001

CPT144 - 1



Rec.: AVS d.d. 08-apr-2019
Proc. : L.Murenaite d.d. 29-apr-2019

Coord.: X= 66126.6 m Y= 442879.3 m
GL = NAP +5.68 m Cone: CP15-CF75SN2

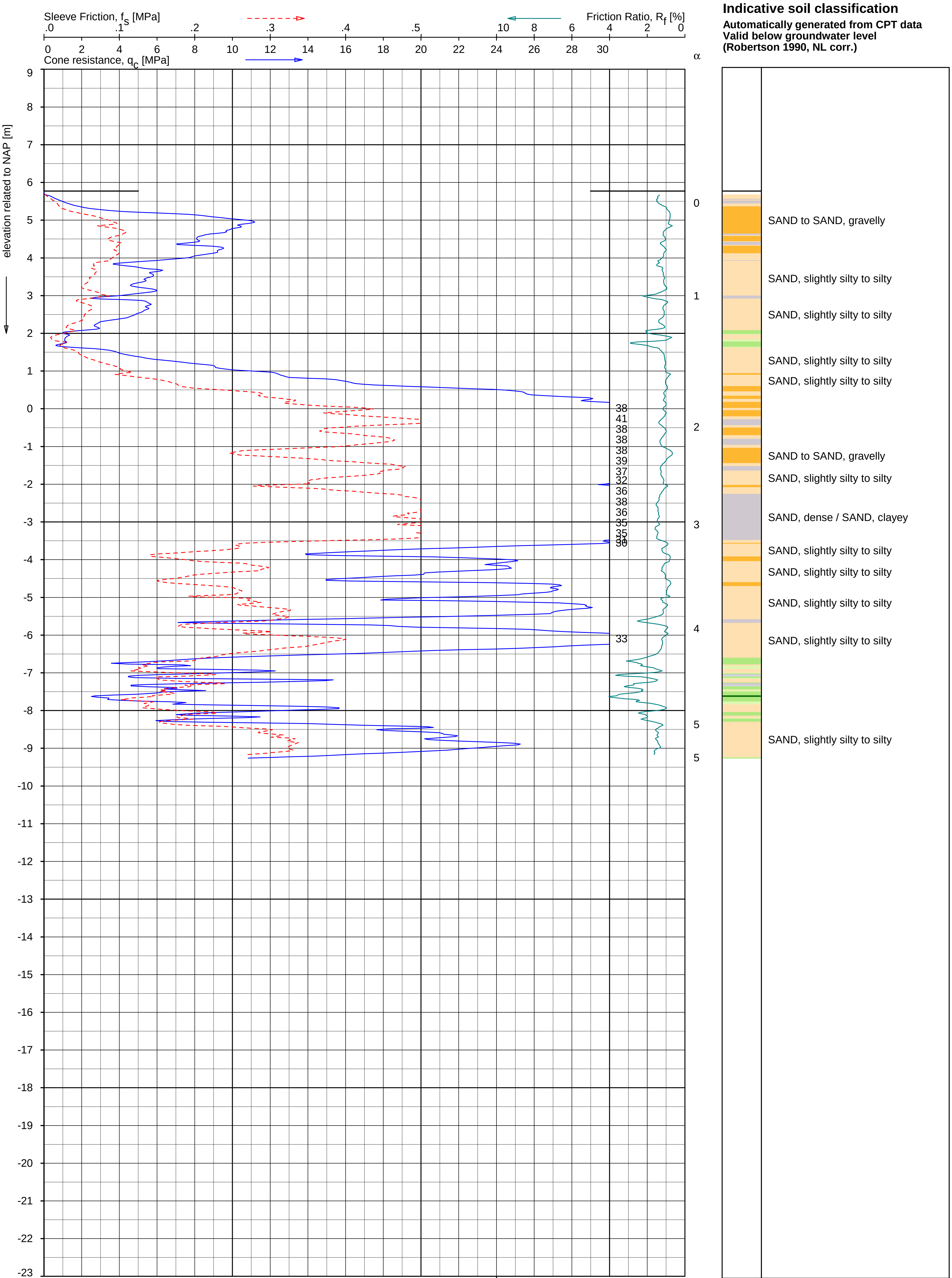
System: RD
1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT145



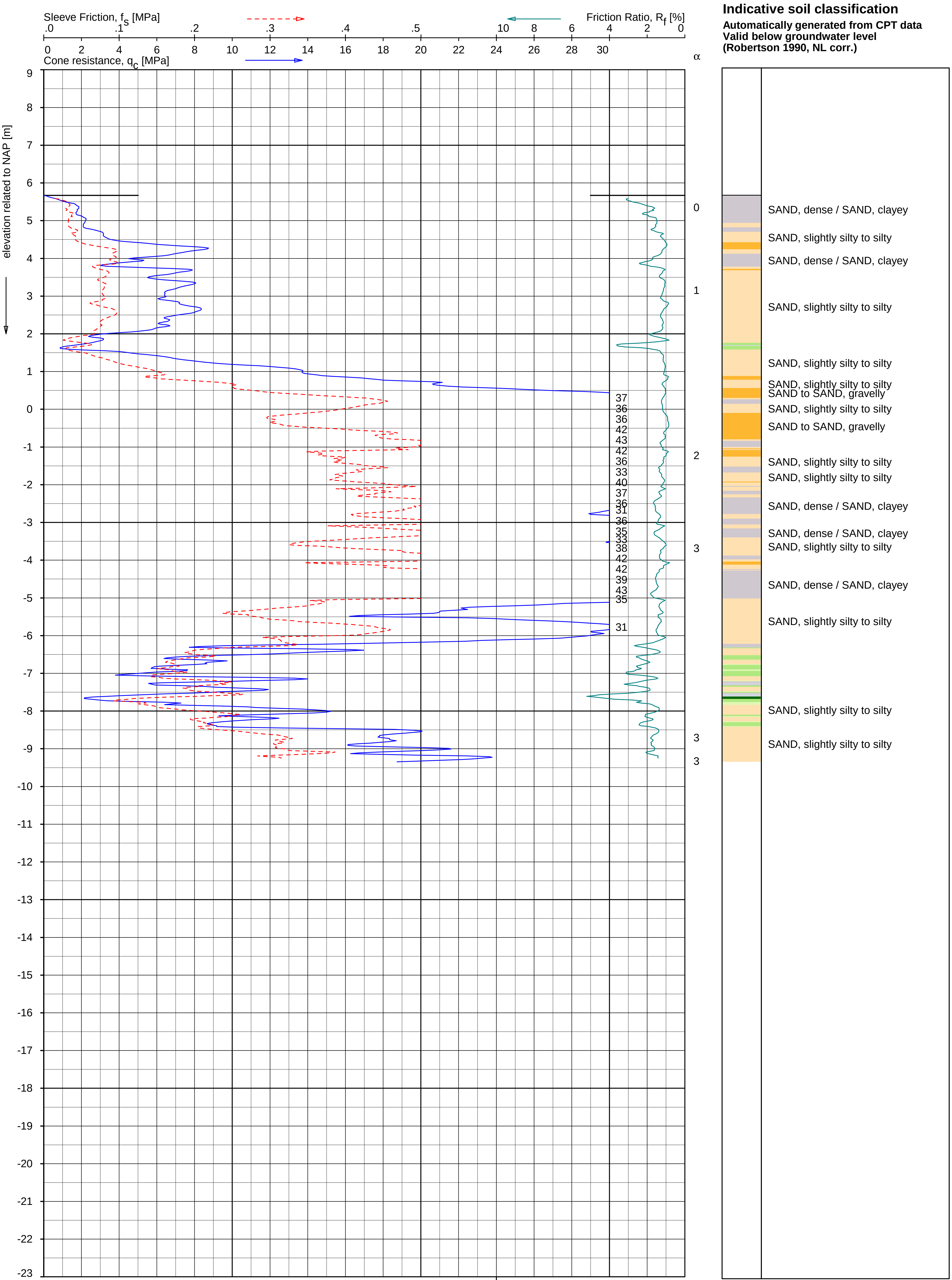
Rec.: GEV/	d.d. 09-apr-2019	Coord.: X= 66144.8 m Y= 442870.8 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.77 m Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT146



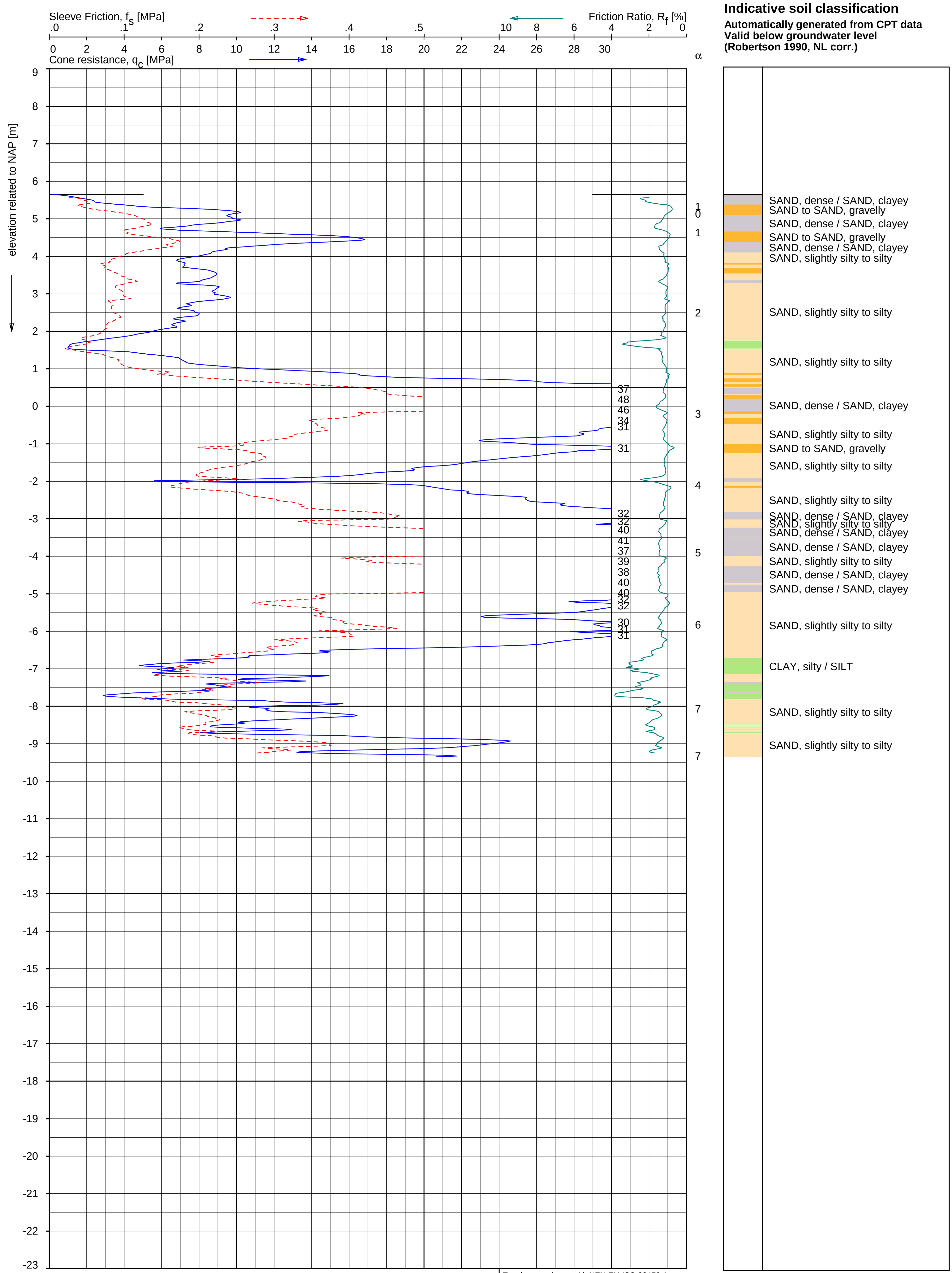
Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66162.9 m	Y= 442862.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.67 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT147

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:32



Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66181.0 m	Y= 442853.9 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.65 m	Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

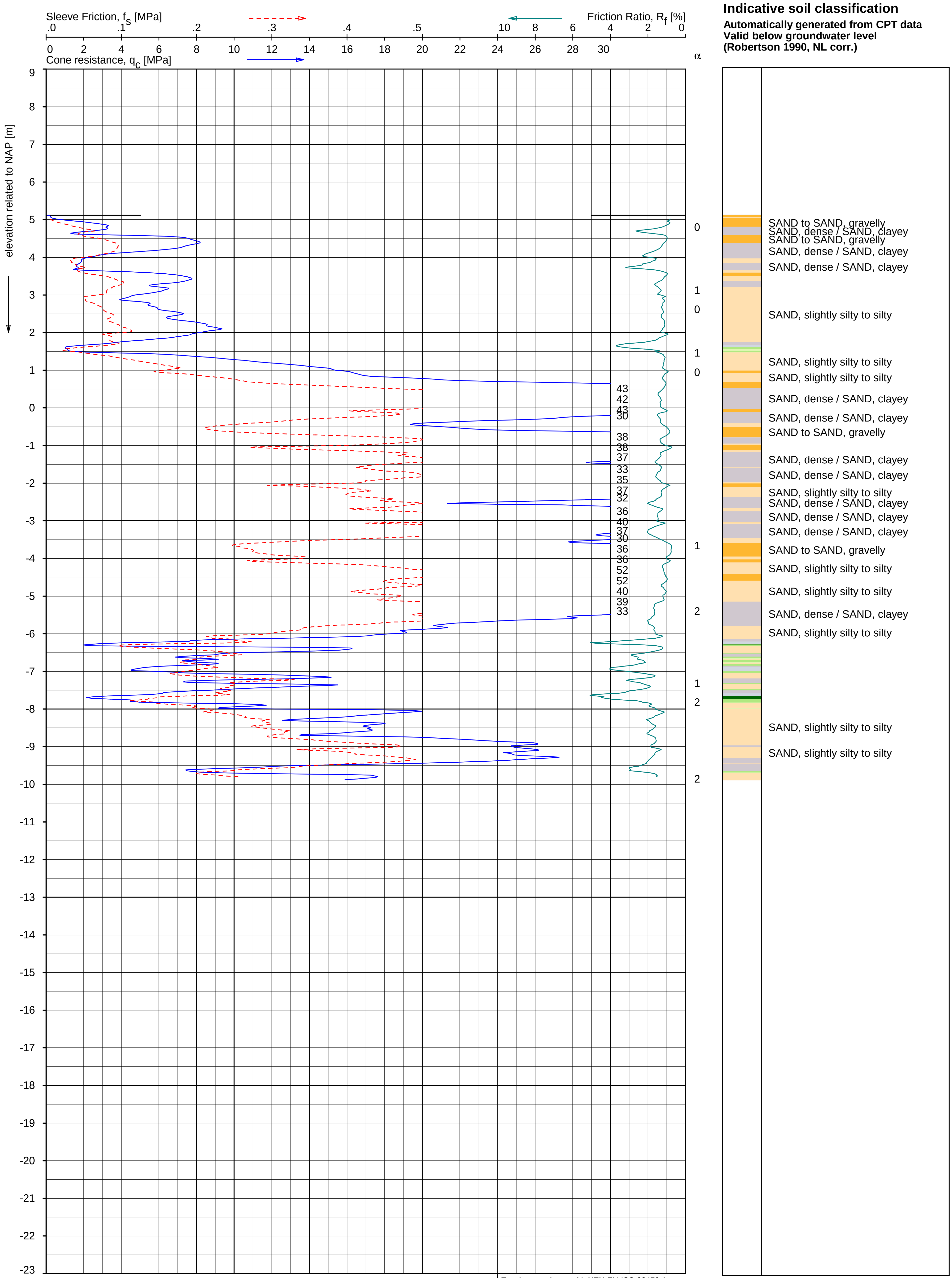
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT148

1018-0481-001

CPT148 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:39



Rec.: CV/ d.d. 16-apr-2019 Coord.: X= 66199.1 m Y= 442845.5 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.12 m Cone: CP15-CF75SN2 1701-2806

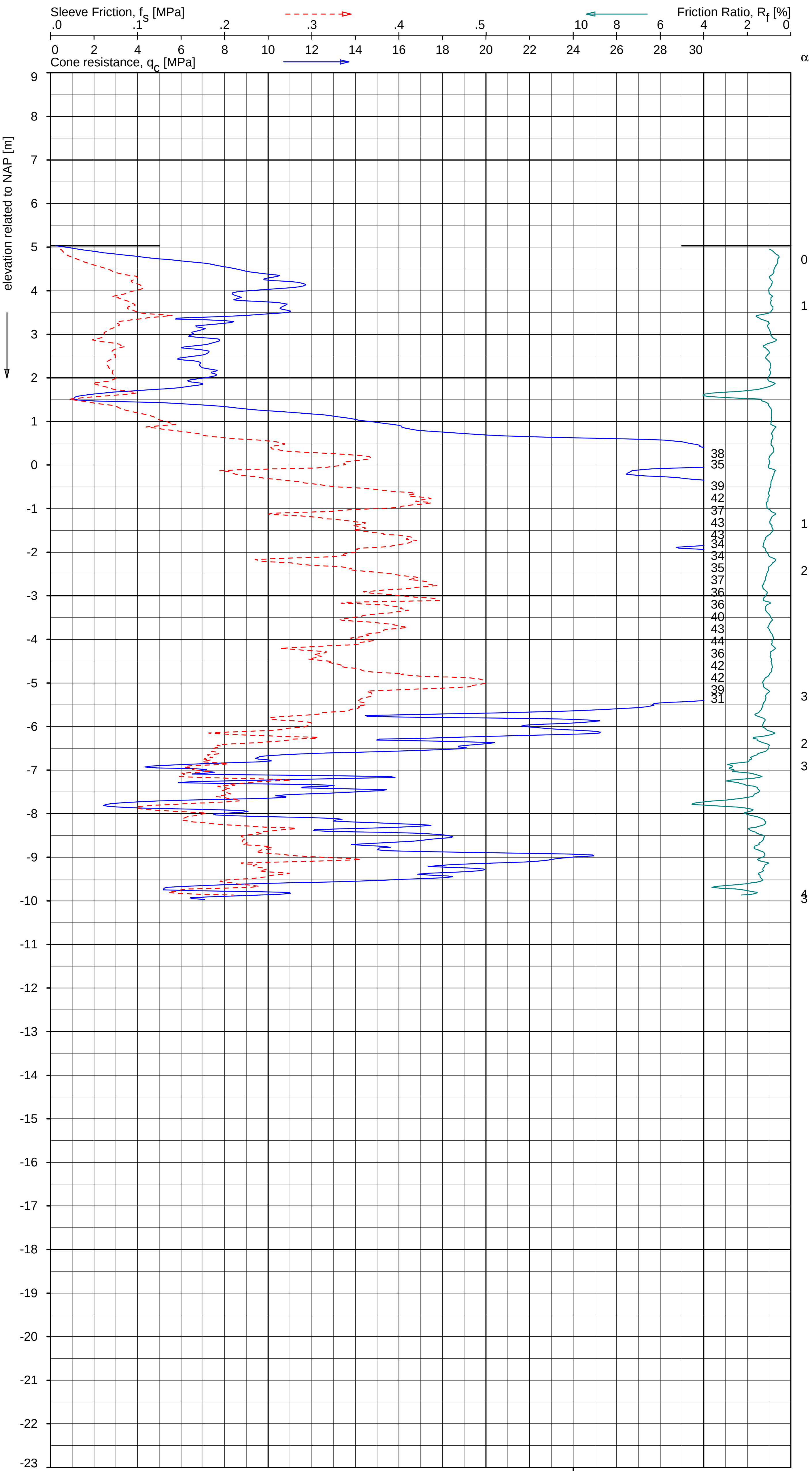
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

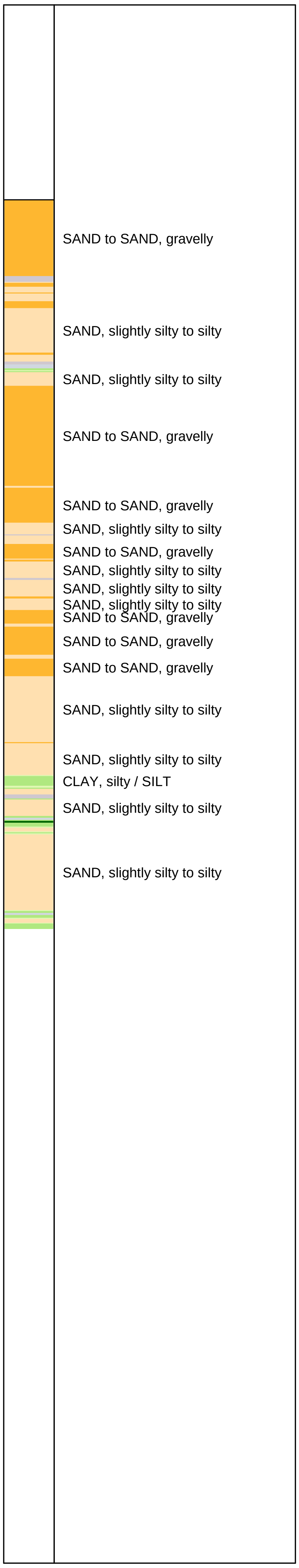
Proj. 1018-0481-001
Cpt CPT149

1018-0481-001



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

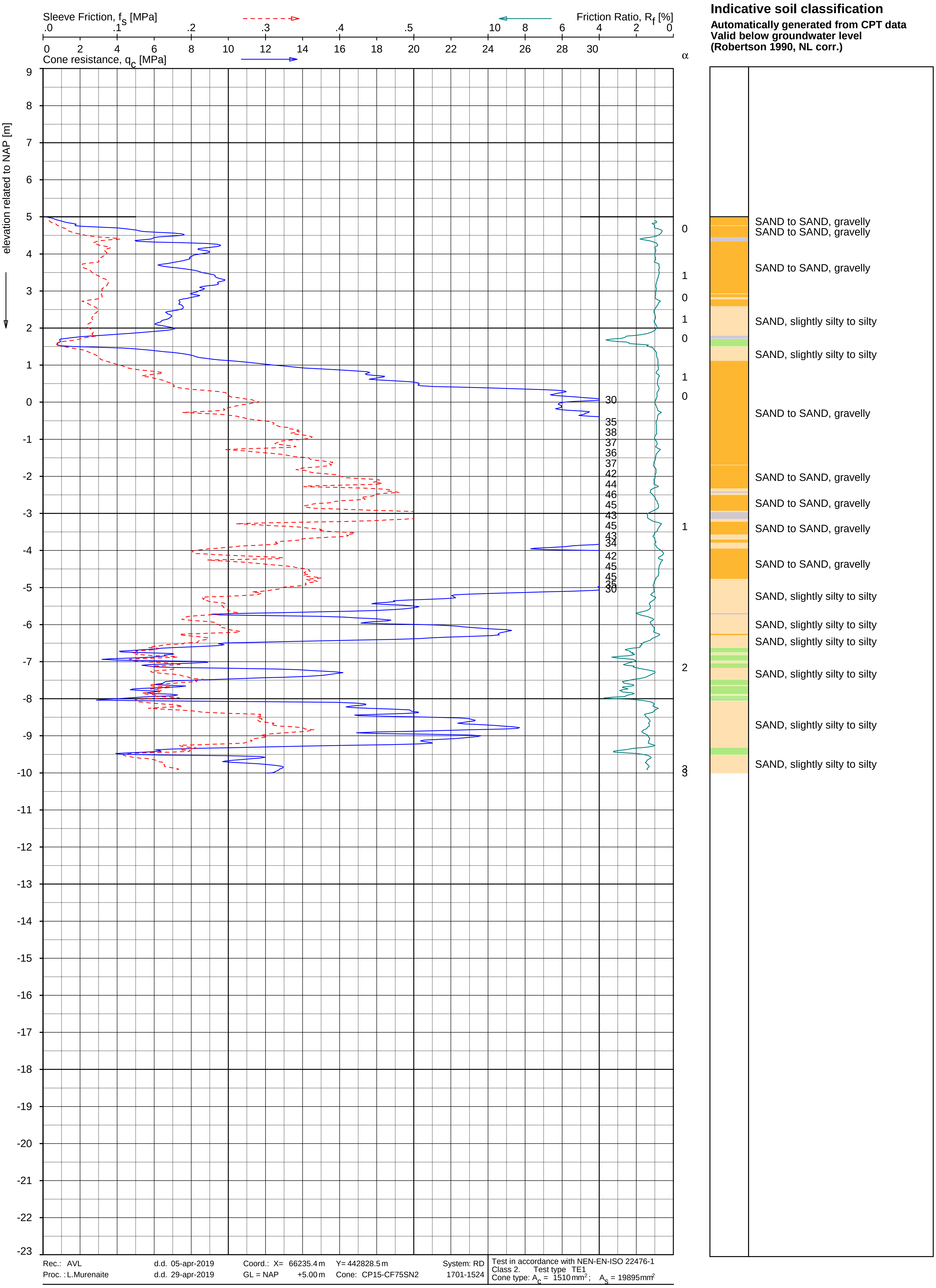


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66217.2 m Y= 442837.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.03 m Cone: CP15-CF75SN2	1701-1524	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT150

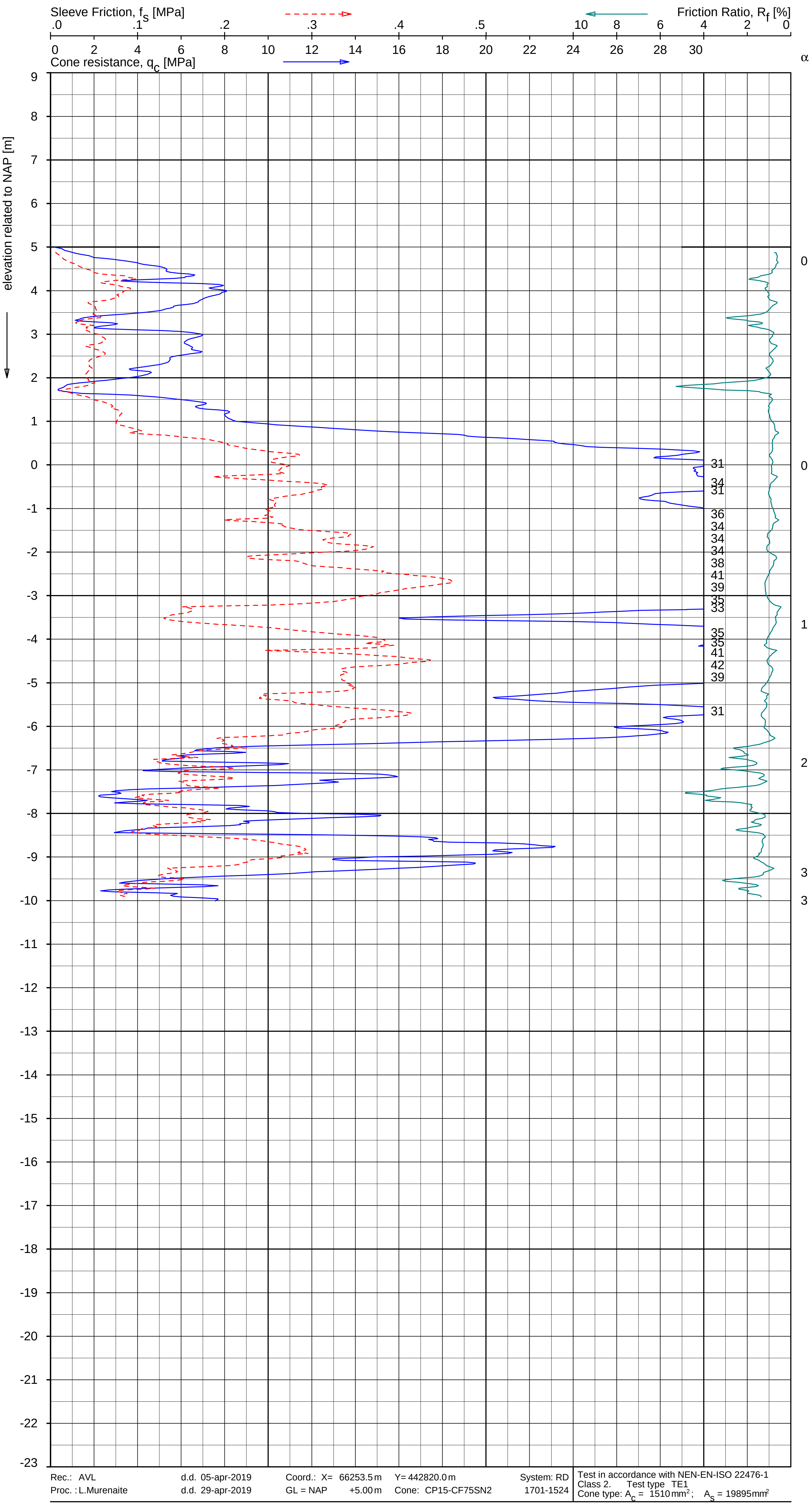


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66235.4 m Y= 442828.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.00 m Cone: CP15-CF75SN2	1701-1524	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

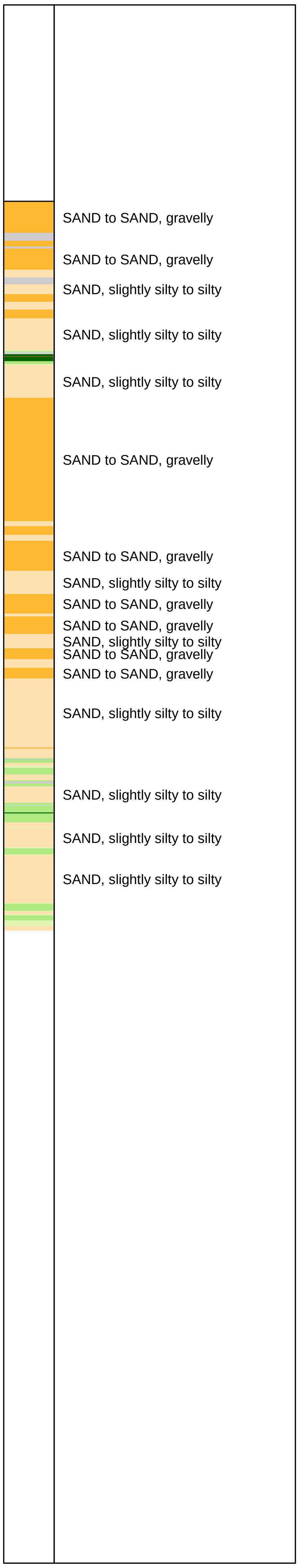
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT151



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:35:30

1018-0481-001

CPT152 - 1

Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66253.5 m	Y= 442820.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.00 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

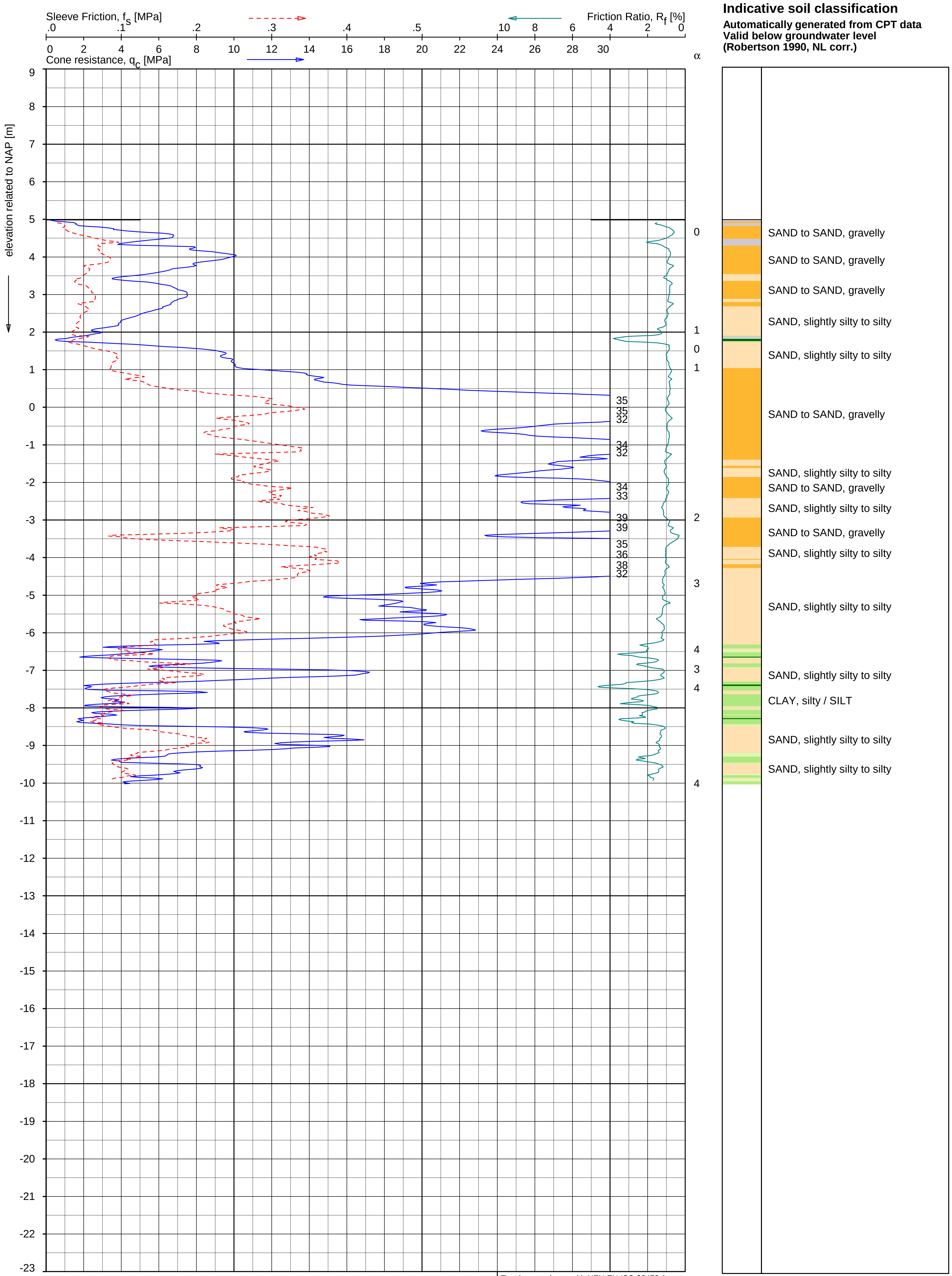
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT152

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:15

1018-0481-001

CPT153 - 1



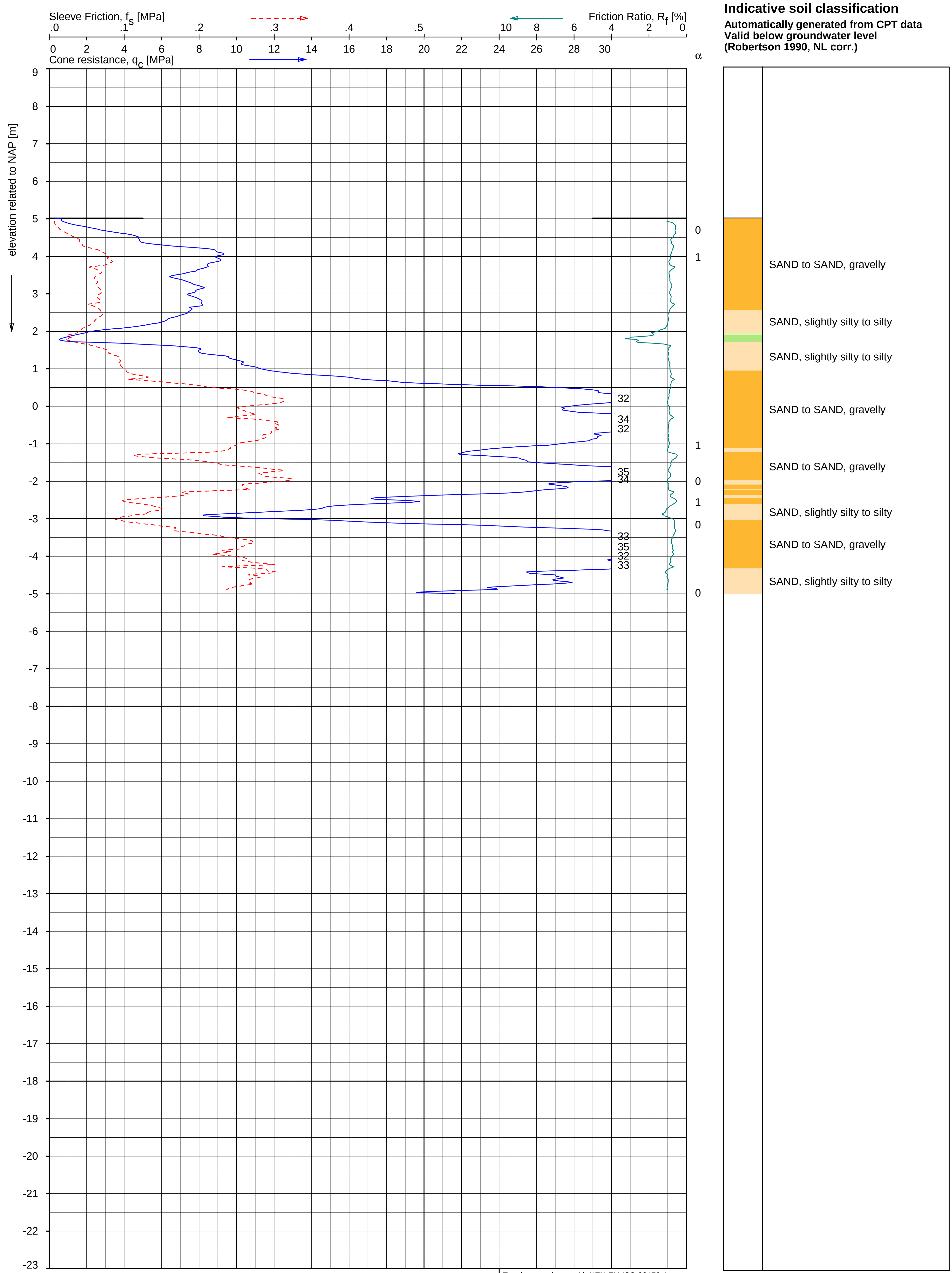
Rec.: AVL d.d. 05-apr-2019 Coord.: X= 66271.6 m Y= 442811.6 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.99 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT153

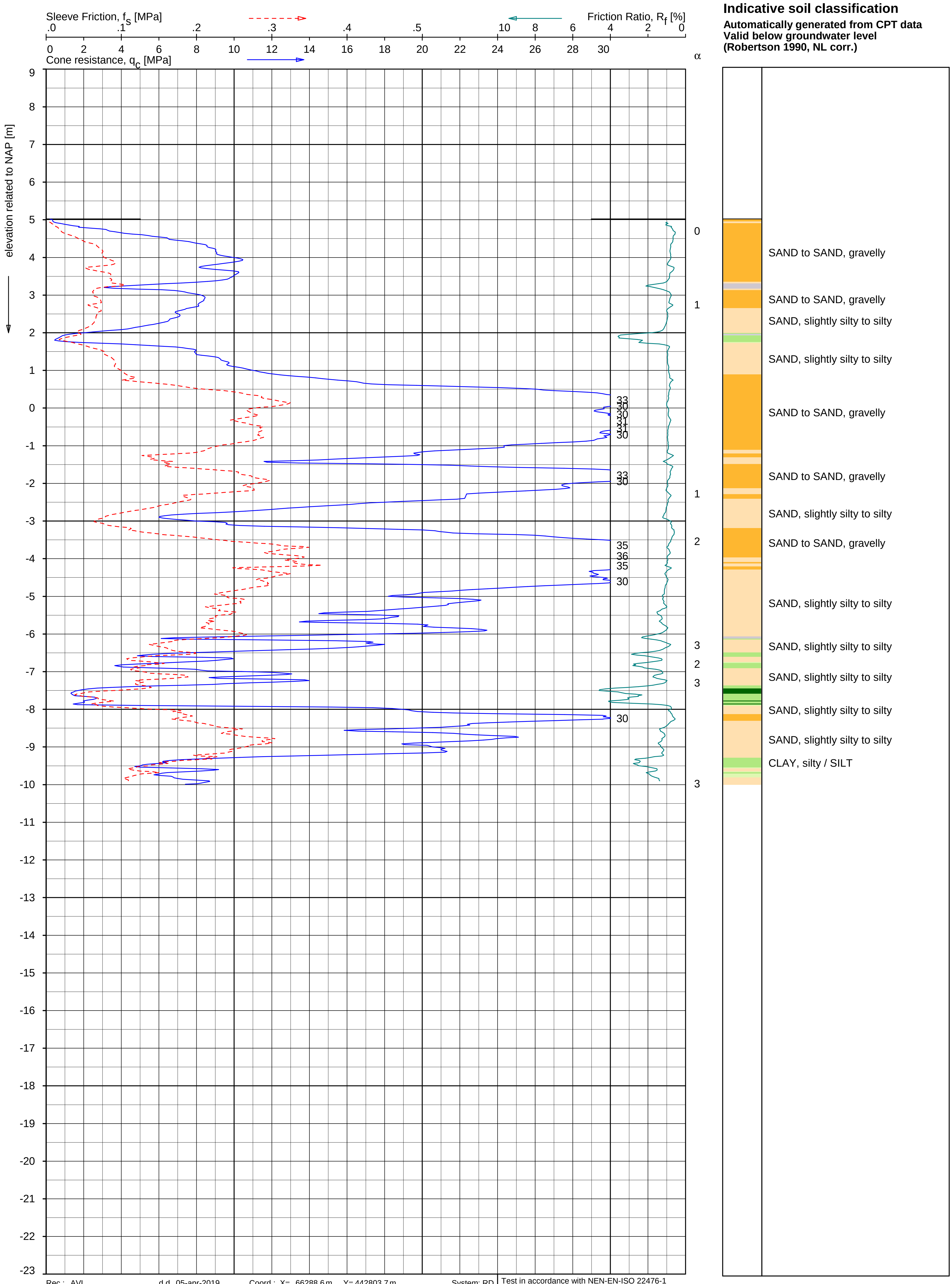


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66289.7 m	Y= 442803.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT154

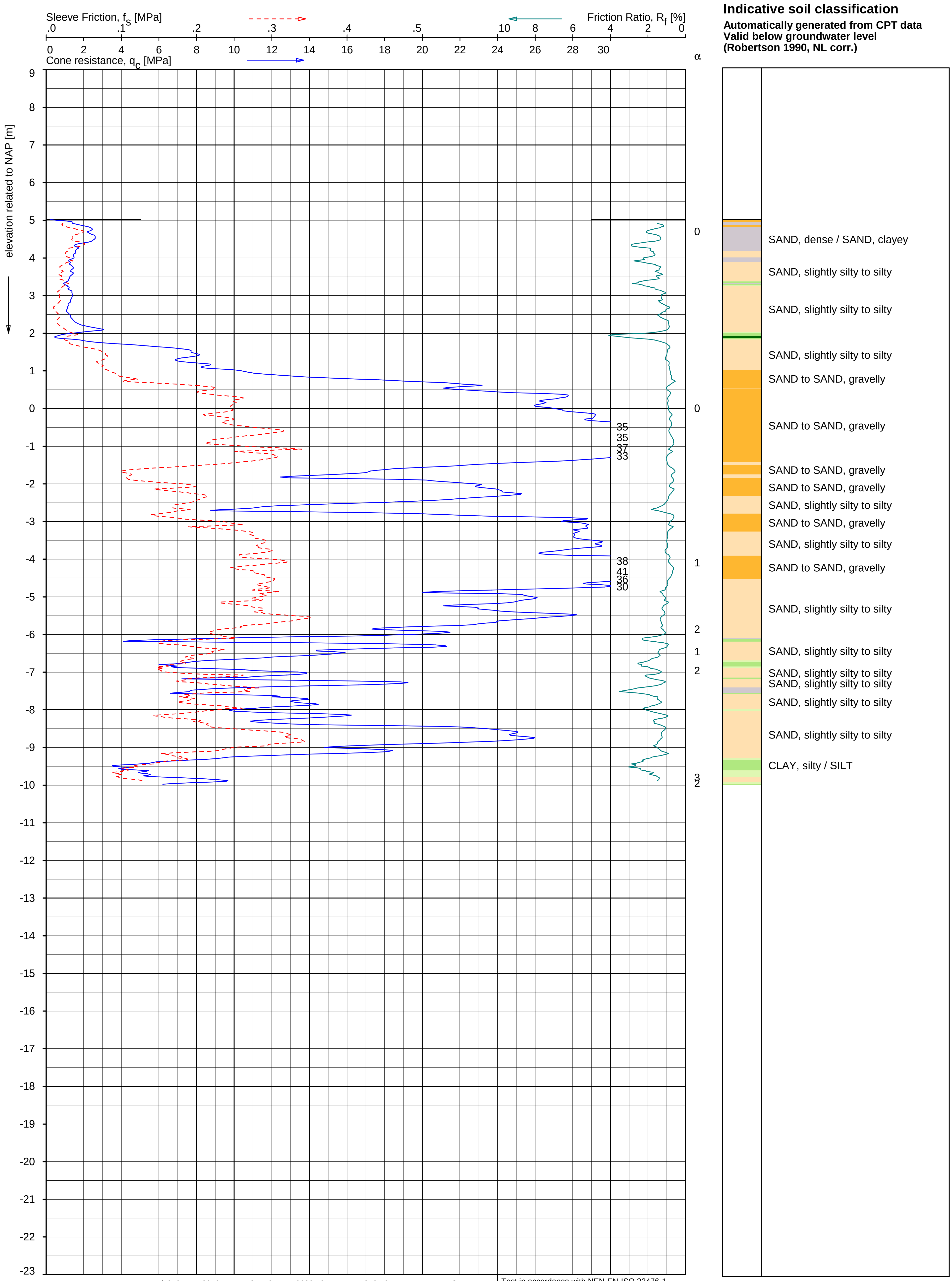


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66288.6 m Y= 442803.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT154A



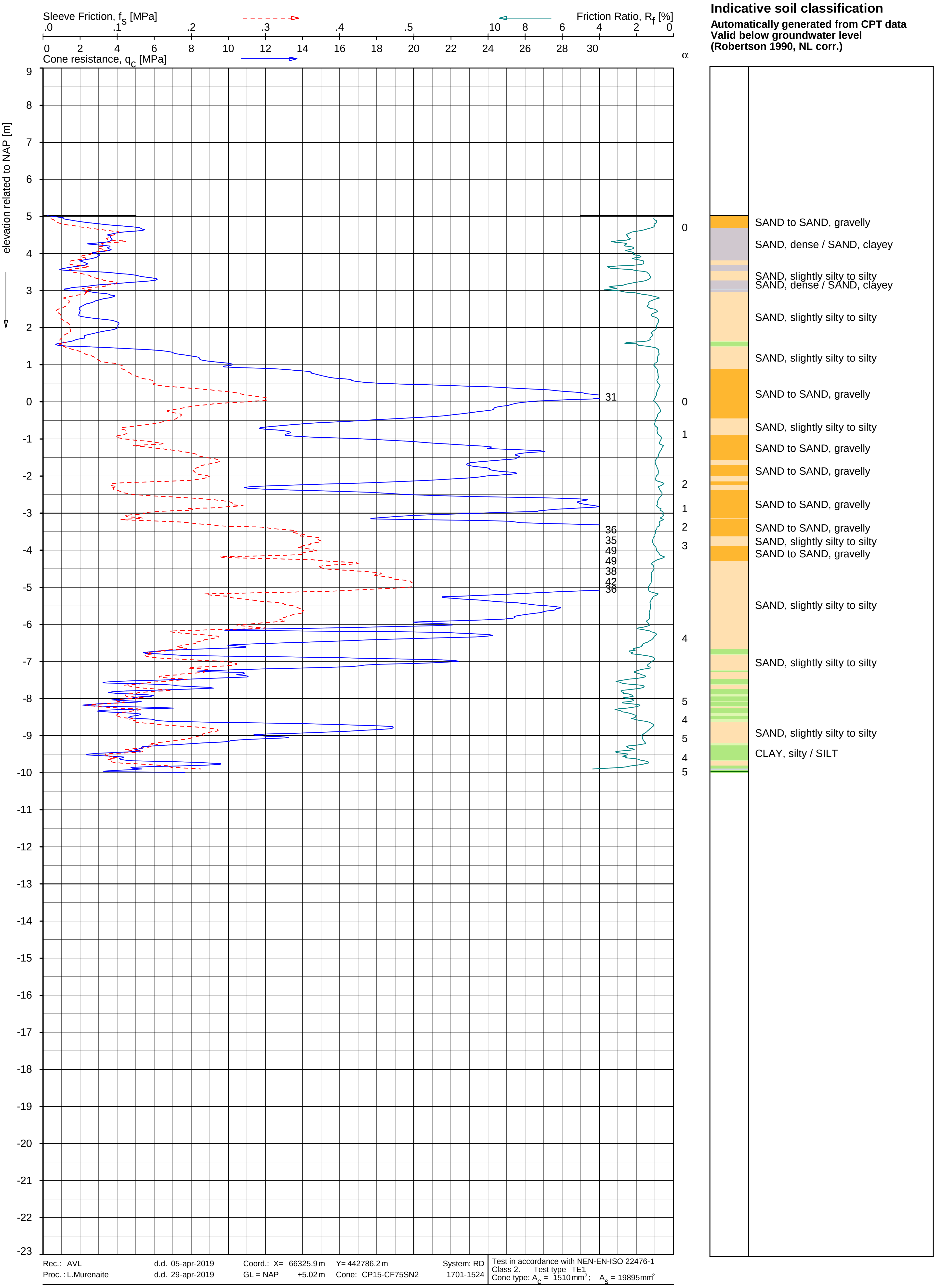
Rec.: AVL Proc. : L.Murenaite	d.d. 05-apr-2019 d.d. 29-apr-2019	Coord.: X= 66307.8 m Y= 442794.6 m GL = NAP +5.02 m Cone: CP15-CF75SN2	System: RD 1701-1524	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT155

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:43:27



Rec.: AVL d.d. 05-apr-2019 Coord.: X= 66325.9 m Y= 442786.2 m System: RD

Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +5.02 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

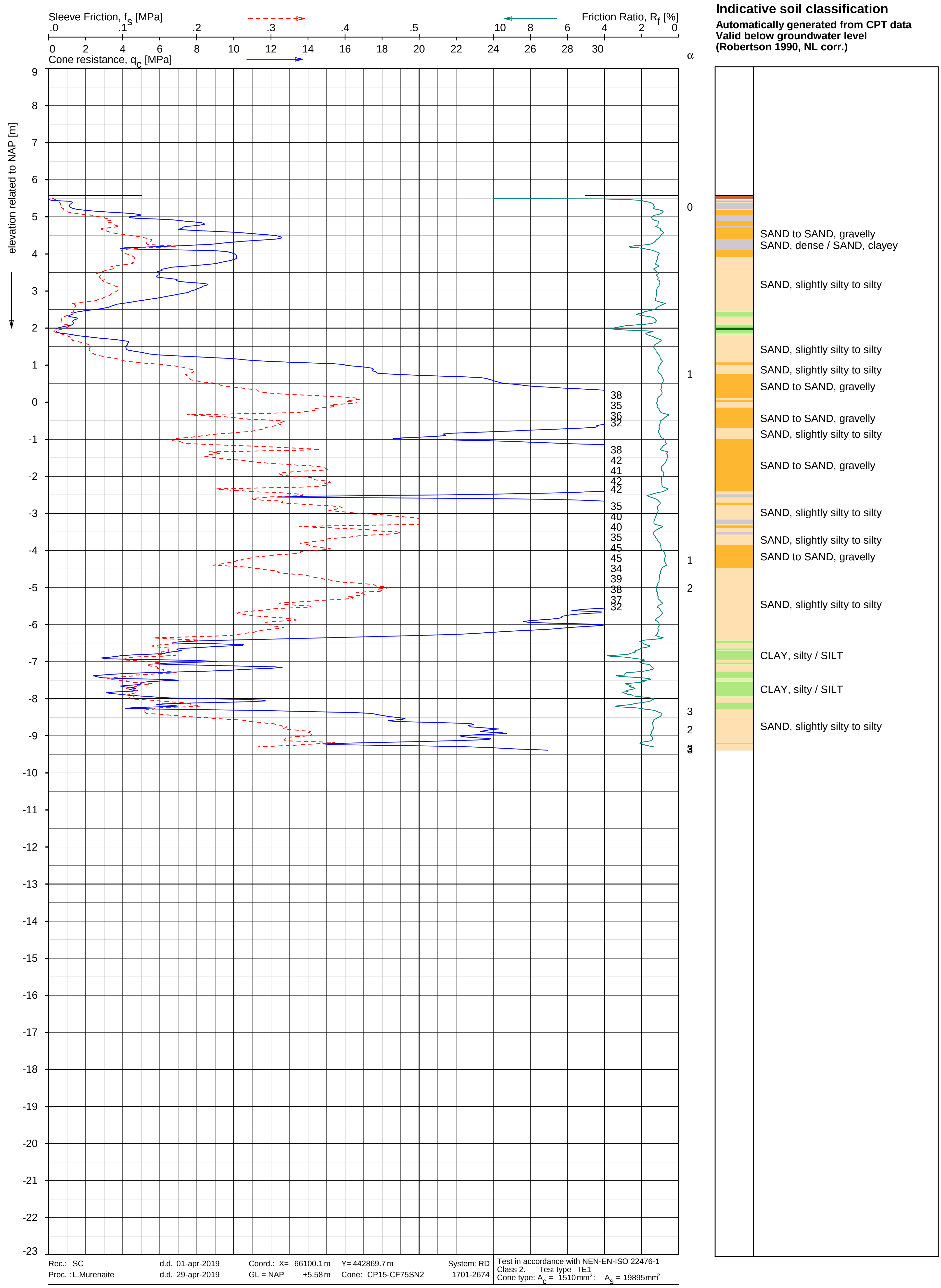
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT156

1018-0481-001

CPT156 - 1

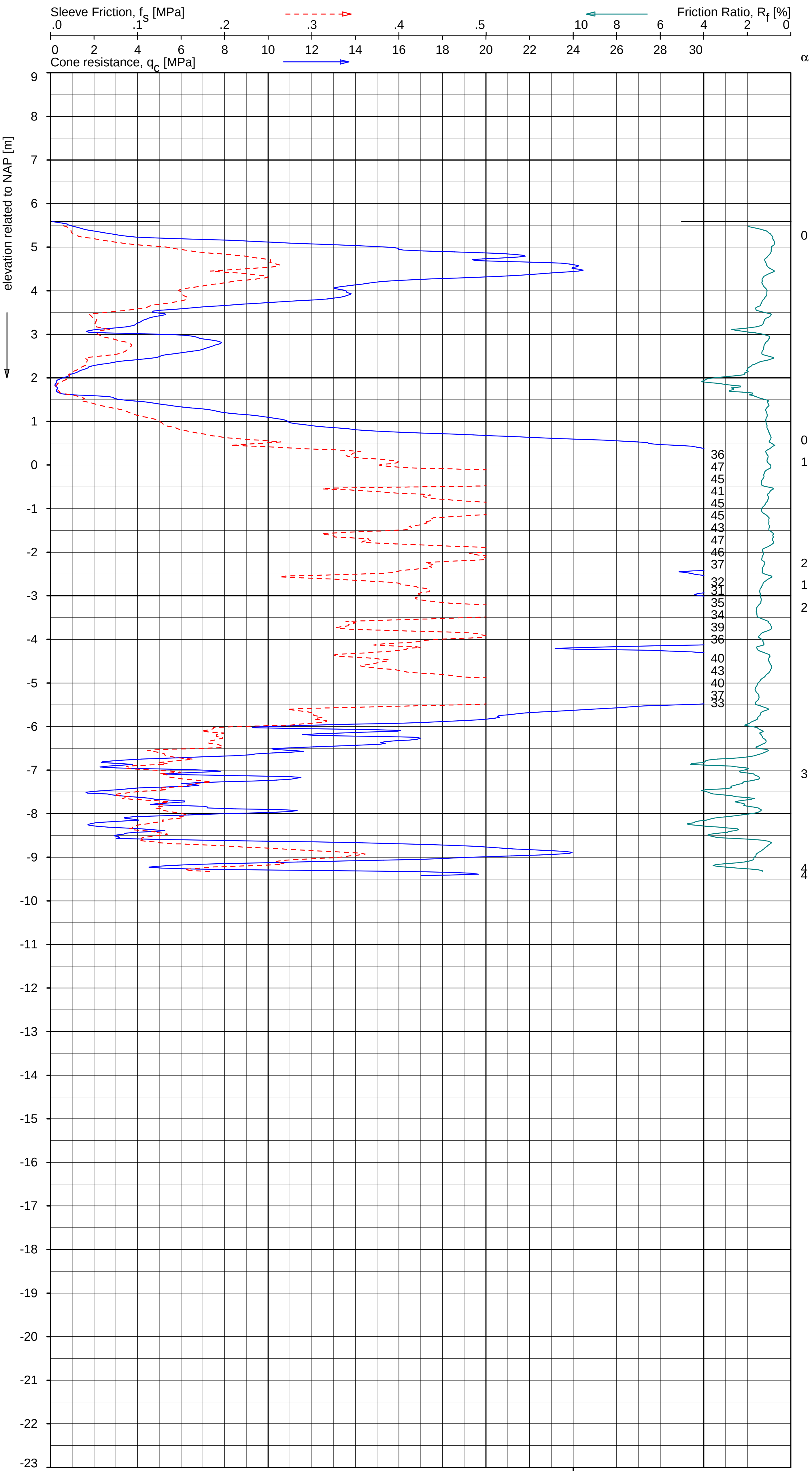


Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66100.1 m Y= 442869.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.58 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

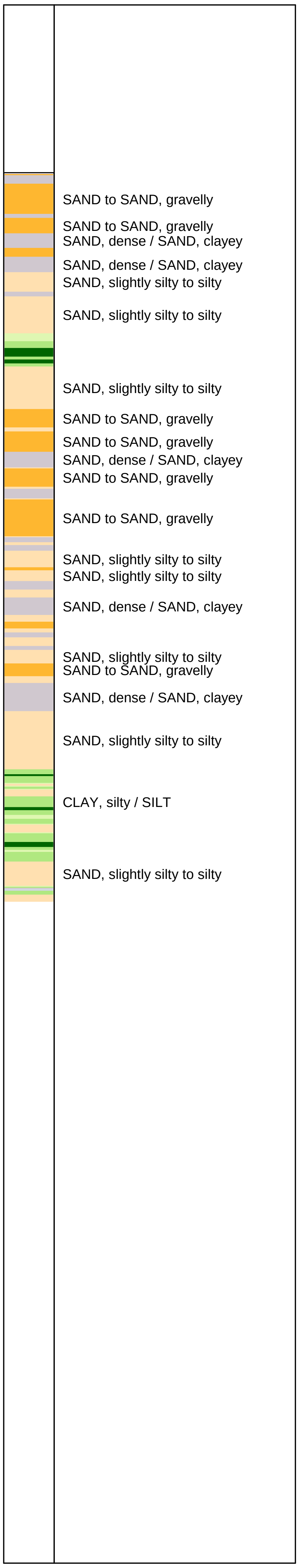
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT157



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS d.d. 08-apr-2019
Proc. : L.Murenaite d.d. 29-apr-2019

Coord.: X= 66118.2 m Y= 442861.2 m System: RD
GL = NAP +5.59 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

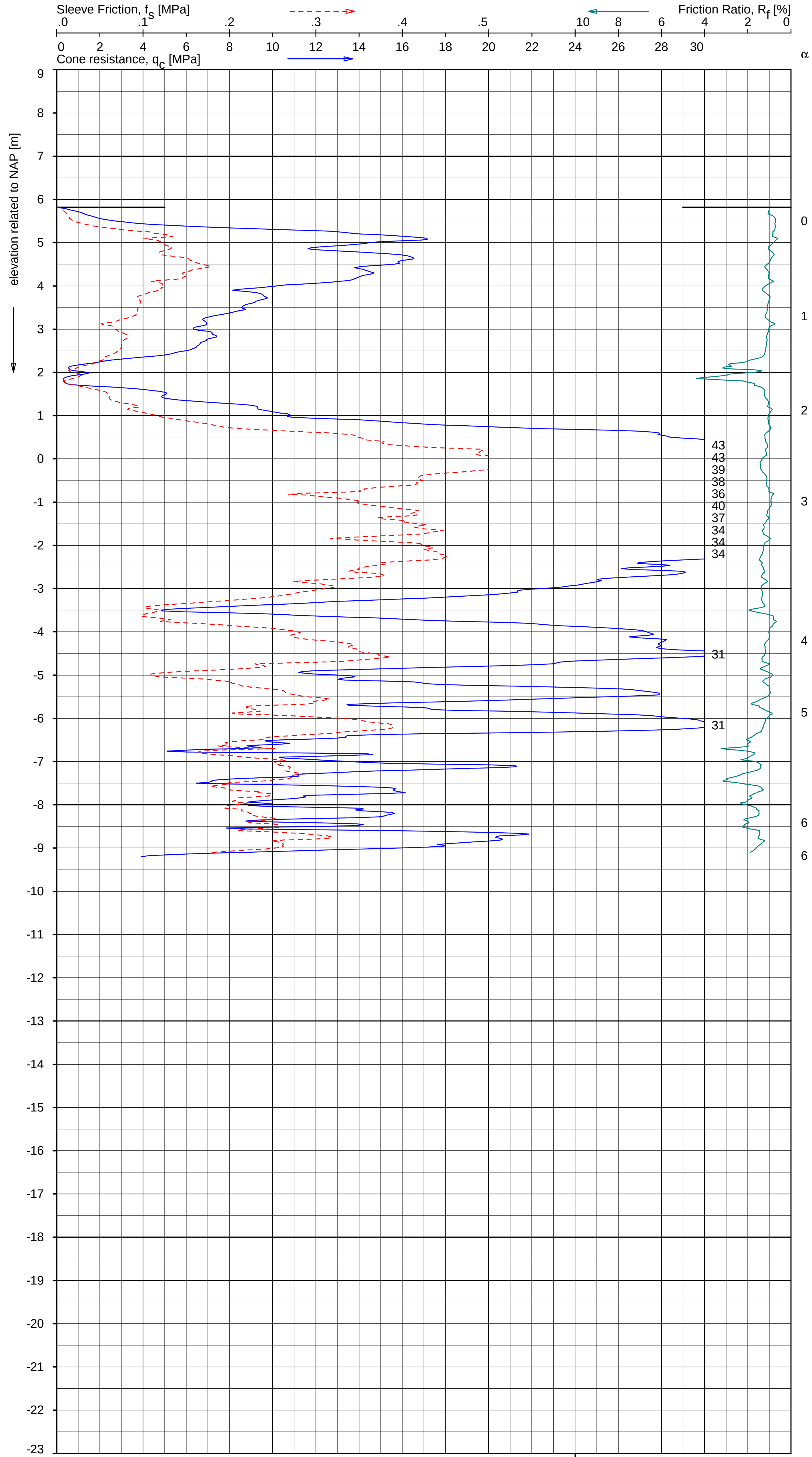
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT158

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:41

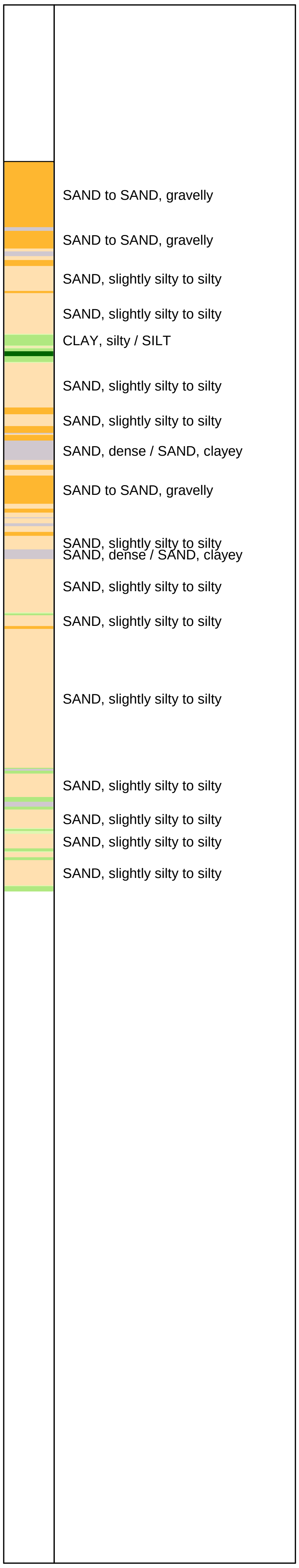
1018-0481-001

CPT158 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



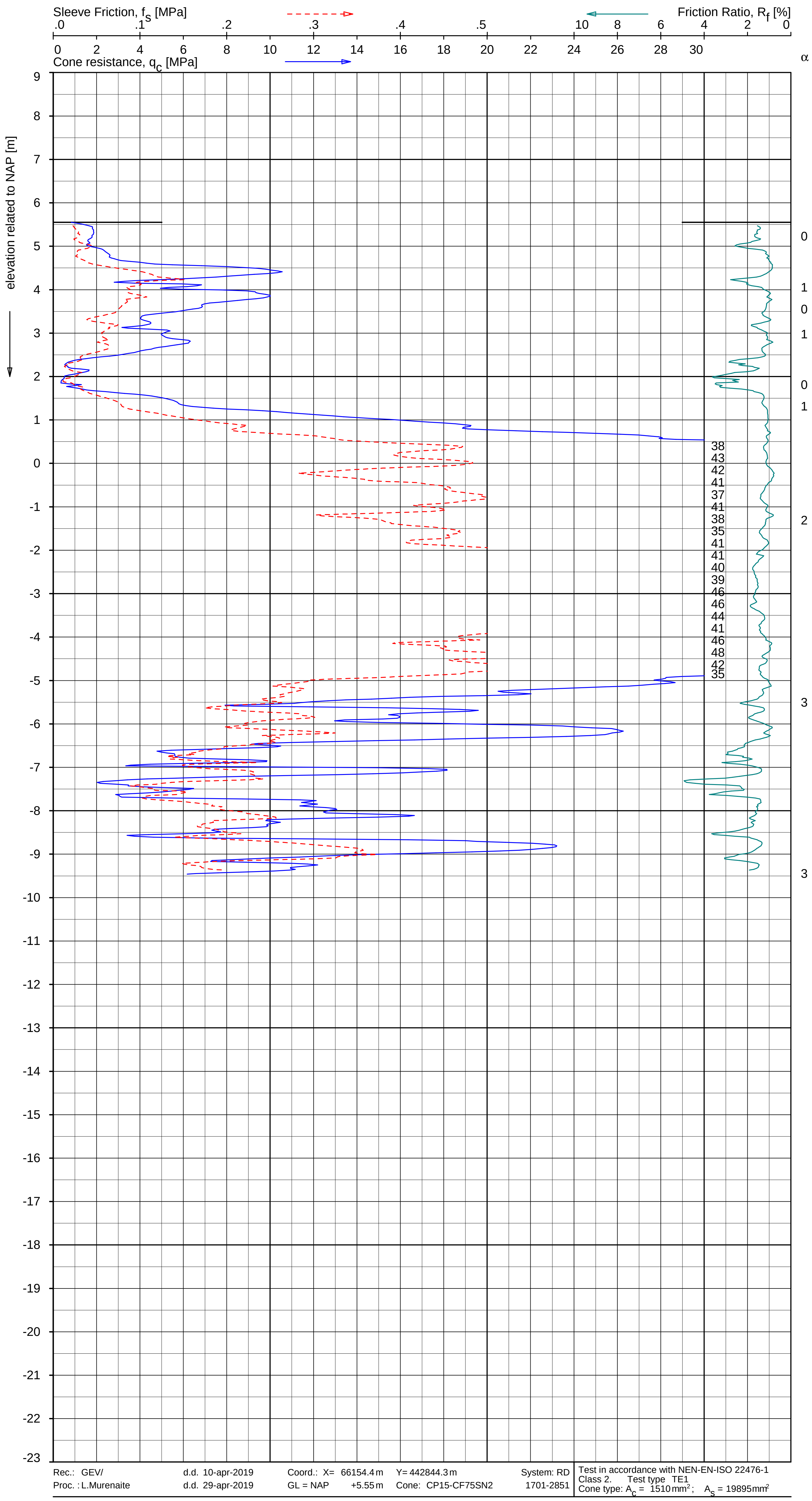
Rec.: GEV/	d.d. 09-apr-2019	Coord.: X= 66136.3 m	Y= 442852.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.82 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

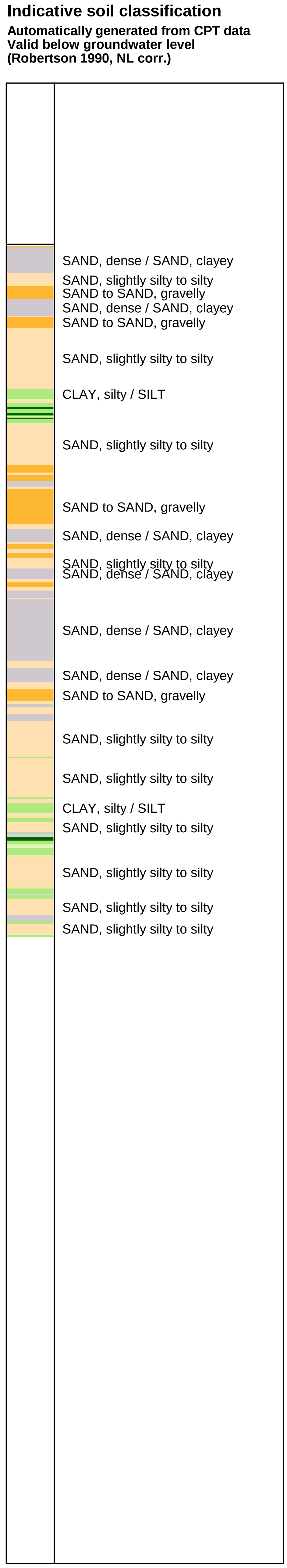
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT159

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:06



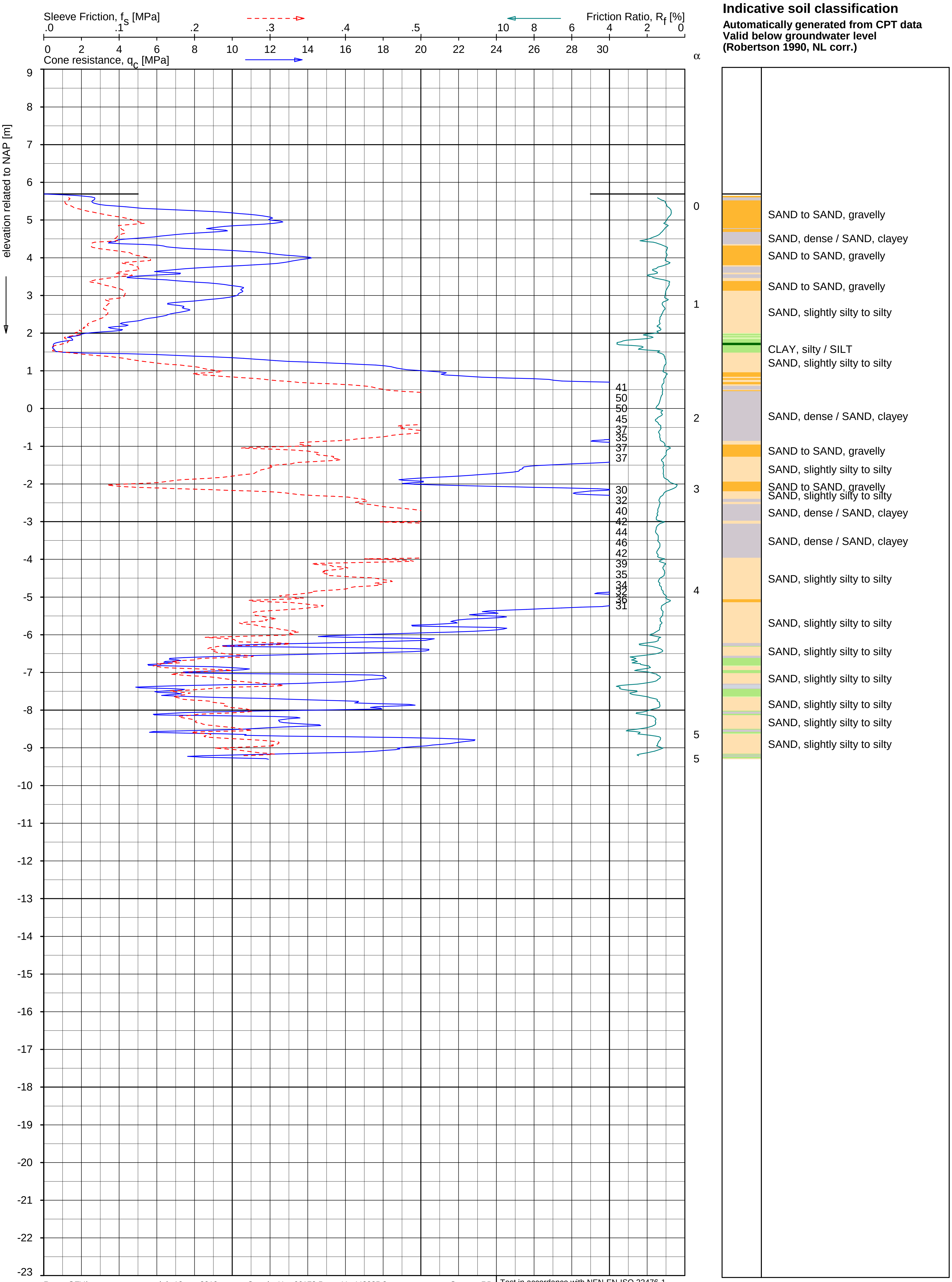


Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66154.4 m Y= 442844.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.55 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT160



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:36:44

1018-0481-001

CPT161 - 1

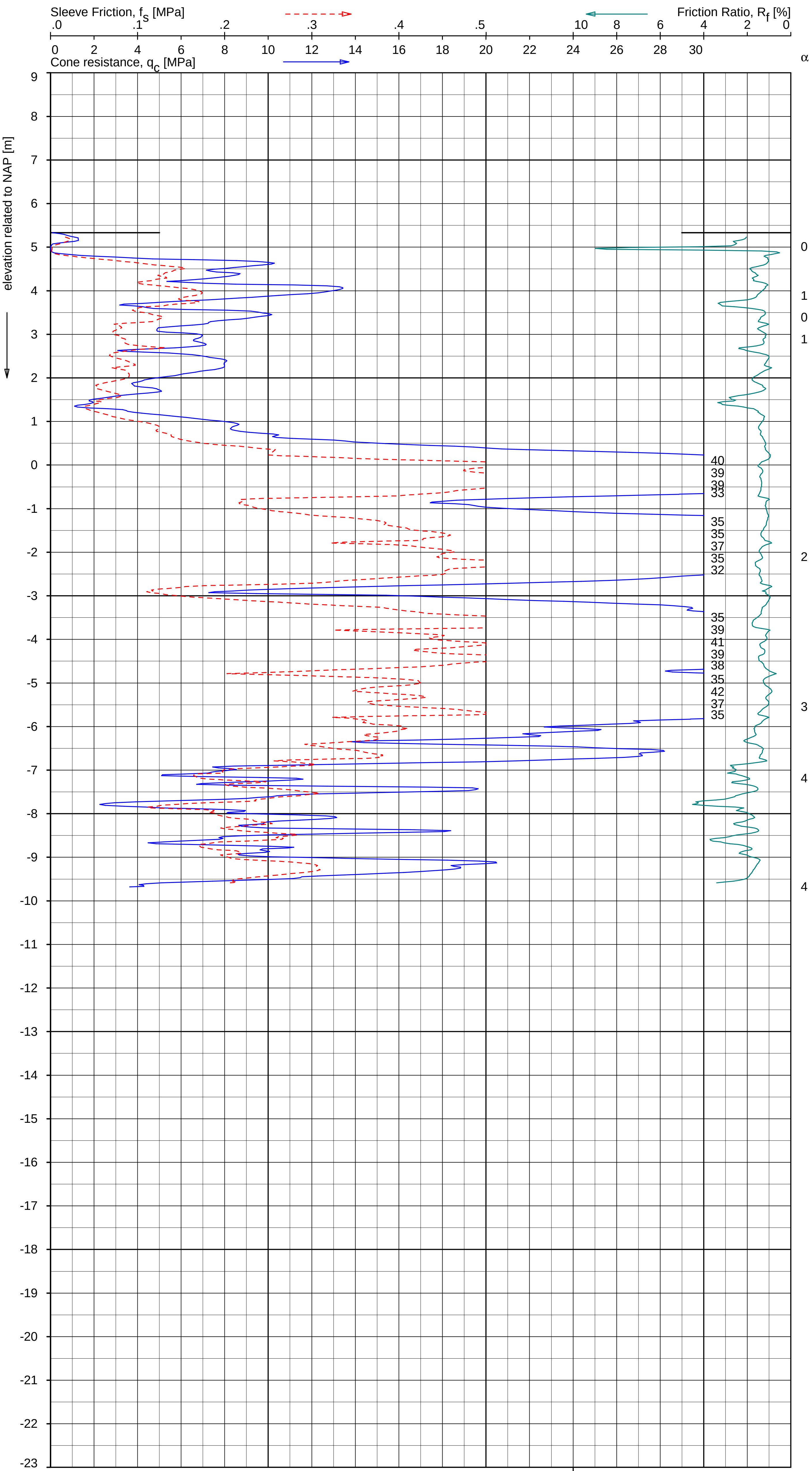
Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66172.5 m Y= 442835.8 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.69 m Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

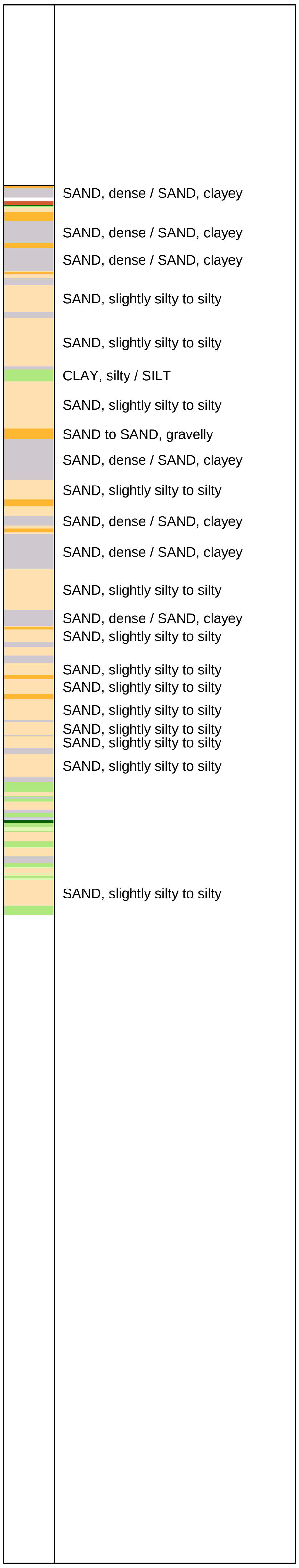
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT161



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

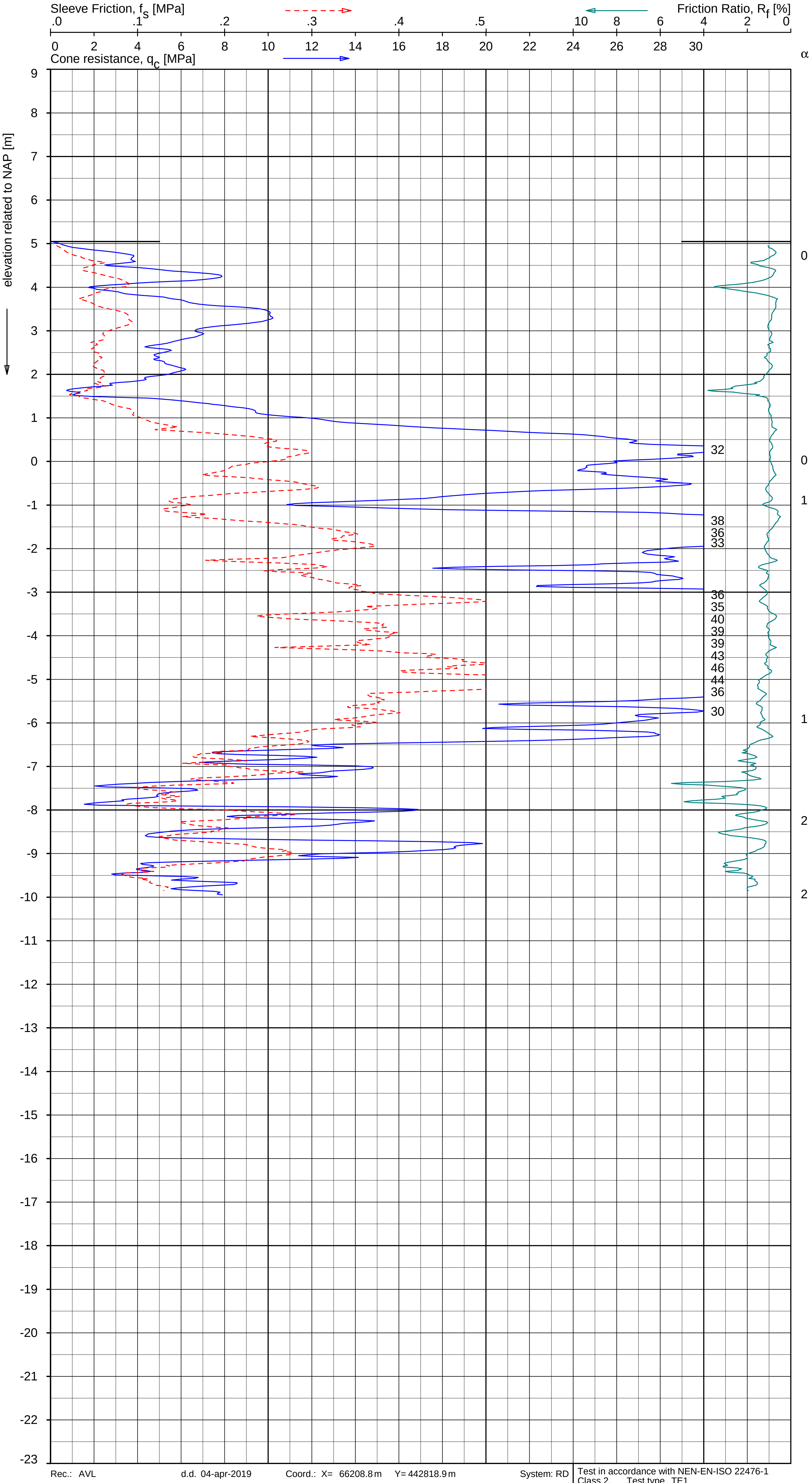


Rec.: CV/ Proc. : L.Murenaite	d.d. 16-apr-2019 d.d. 29-apr-2019	Coord.: X= 66190.6 m GL = NAP +5.33 m	Y= 442827.3 m Cone: CP15-CF75SN2	System: RD 1701-2806	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

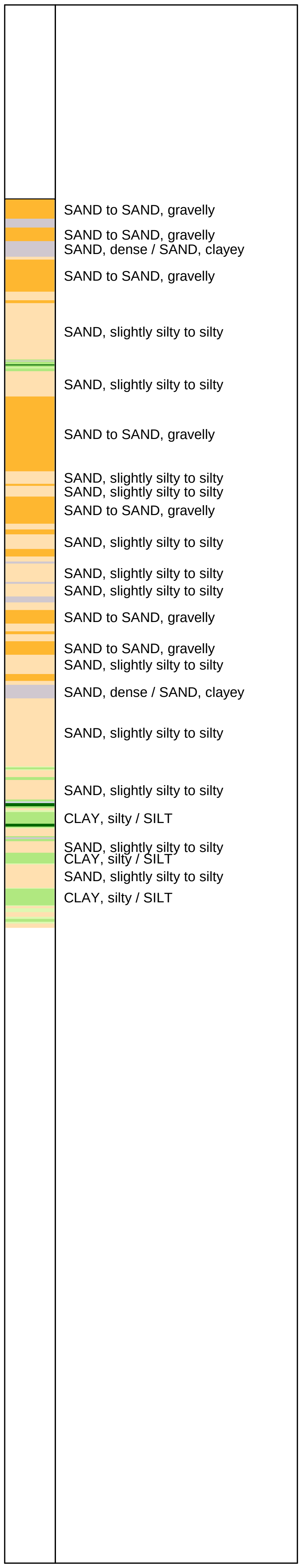
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT162



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



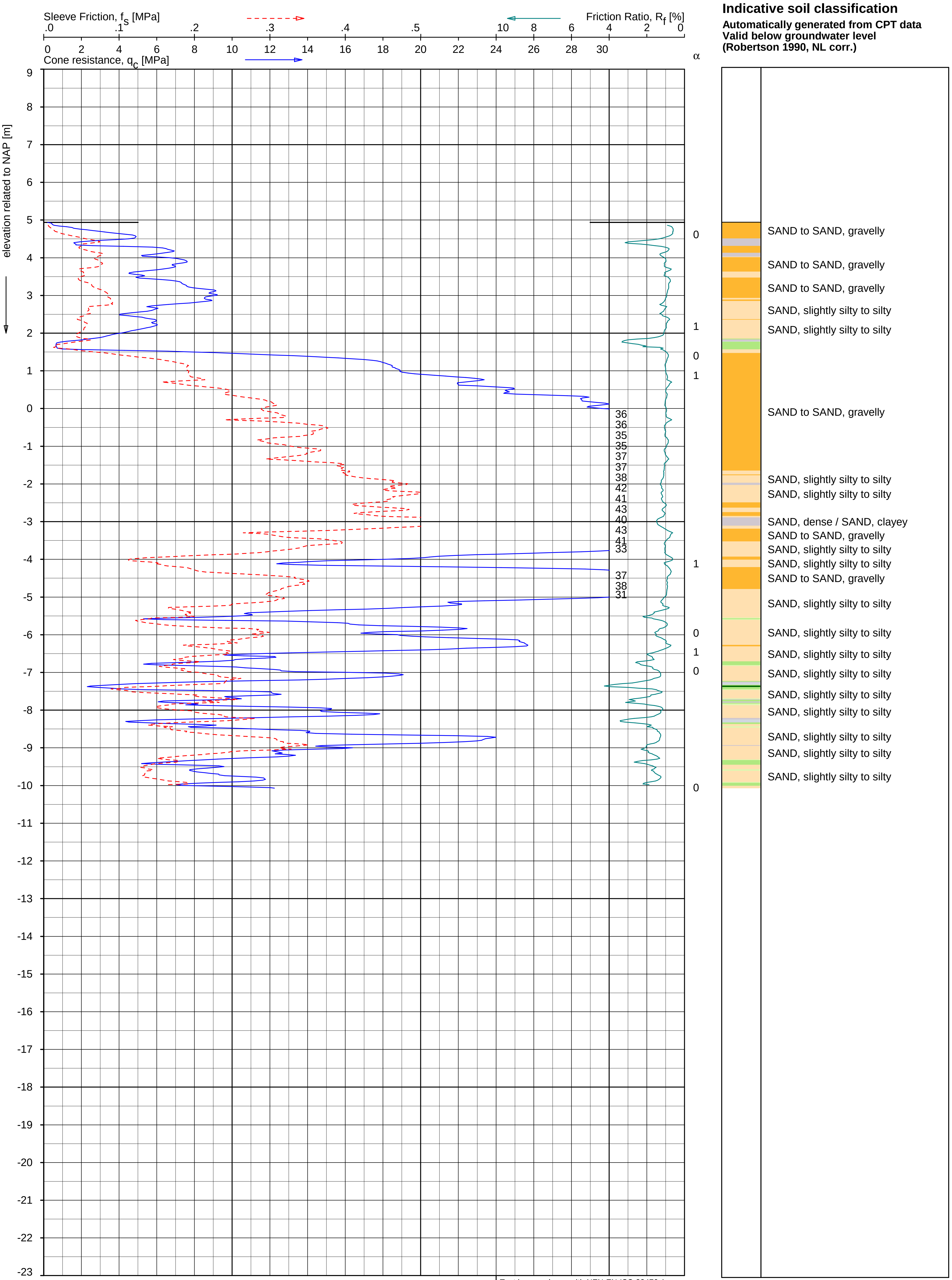
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:37:03

Rec.: AVL	d.d. 04-apr-2019	Coord.: X= 66208.8 m	Y= 442818.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.05 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT163



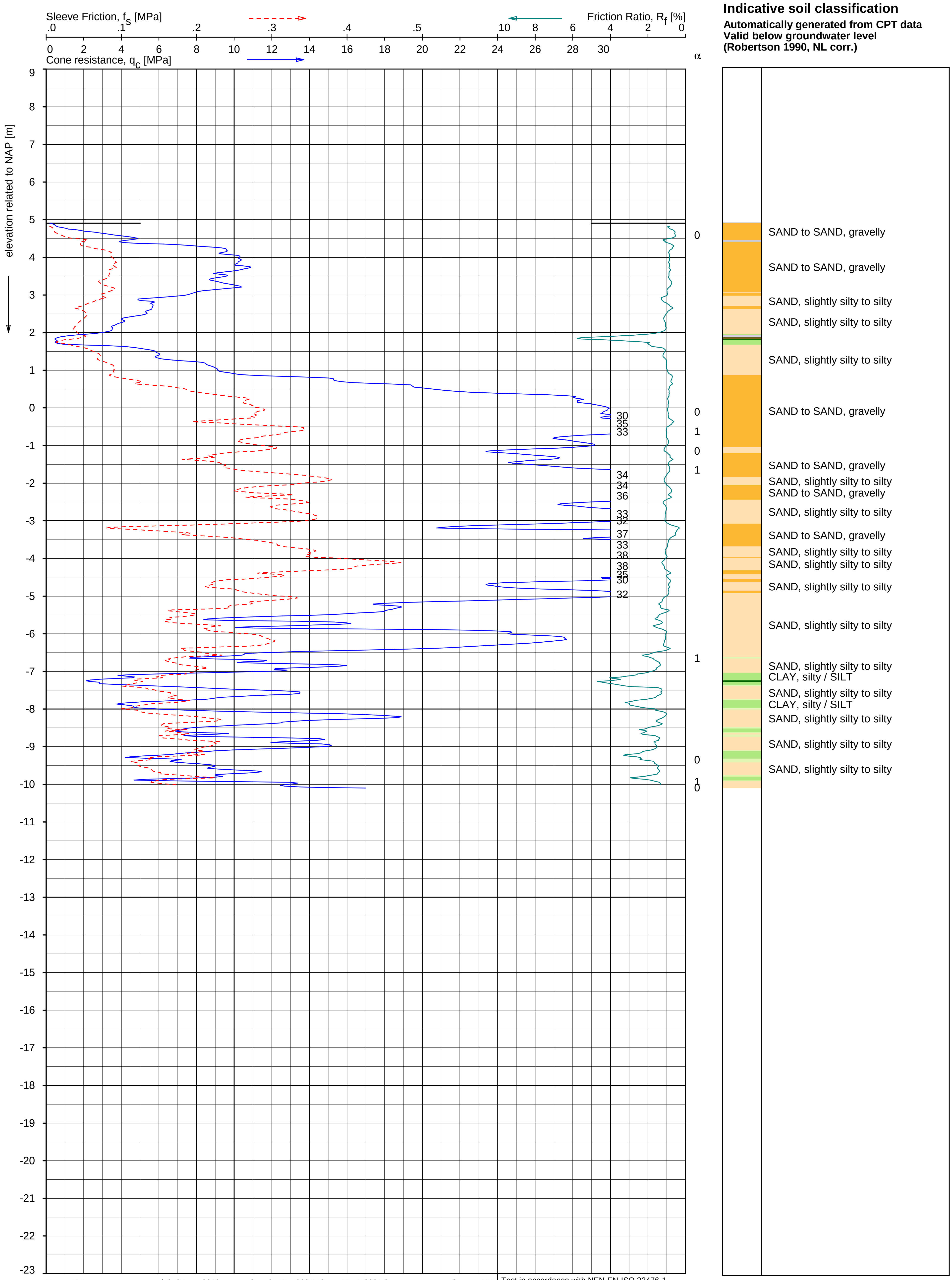
Rec.: AVL d.d. 04-apr-2019 Coord.: X= 66226.9 m Y= 442810.4 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.94 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT164

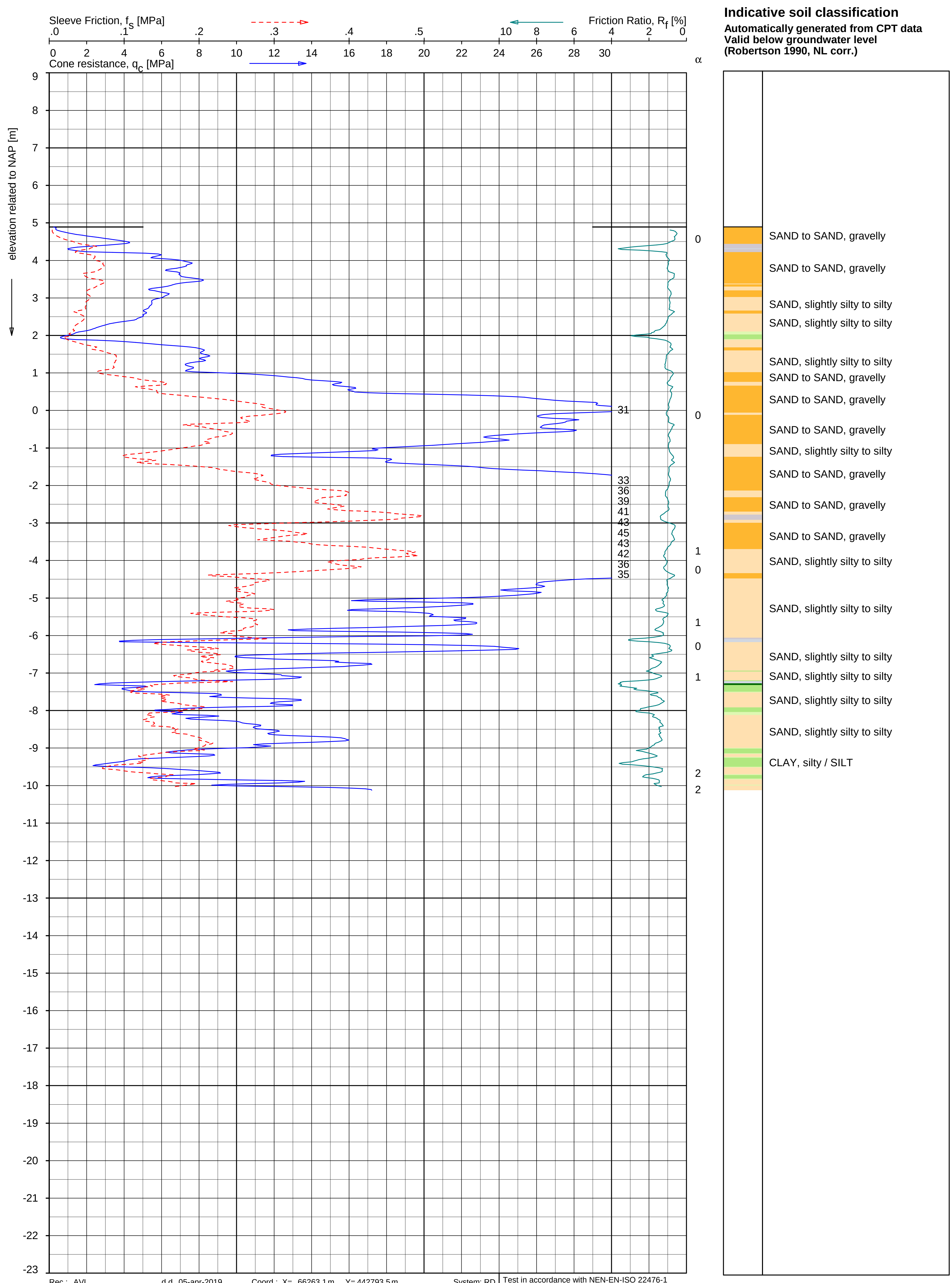


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66245.0 m Y= 442801.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.91 m Cone: CP15-CF75SN2	1701-1524	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT165



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:37:43

1018-0481-001

CPT166 - 1

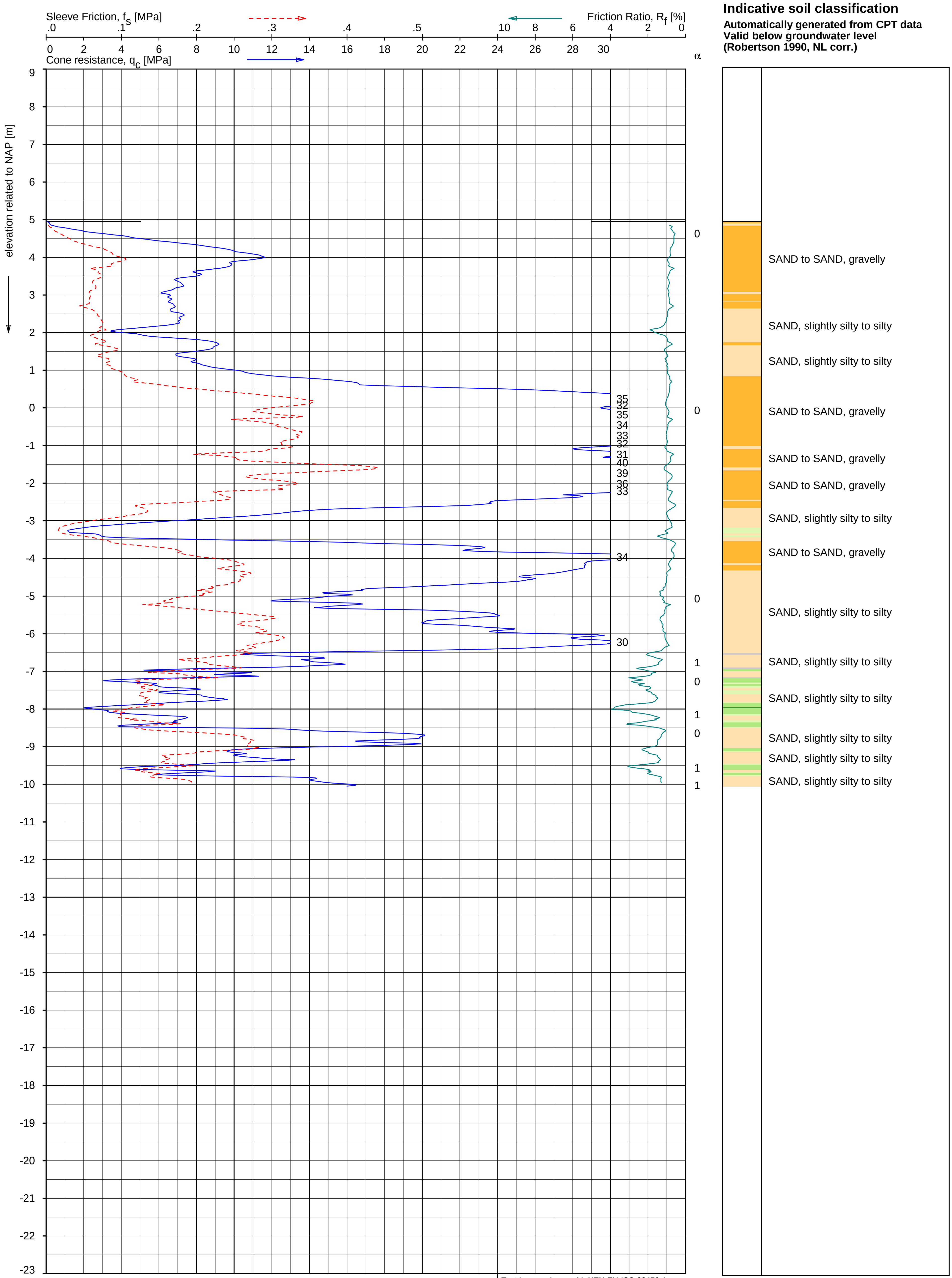
Rec.: AVL d.d. 05-apr-2019 Coord.: X= 66263.1 m Y= 442793.5 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.89 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT166



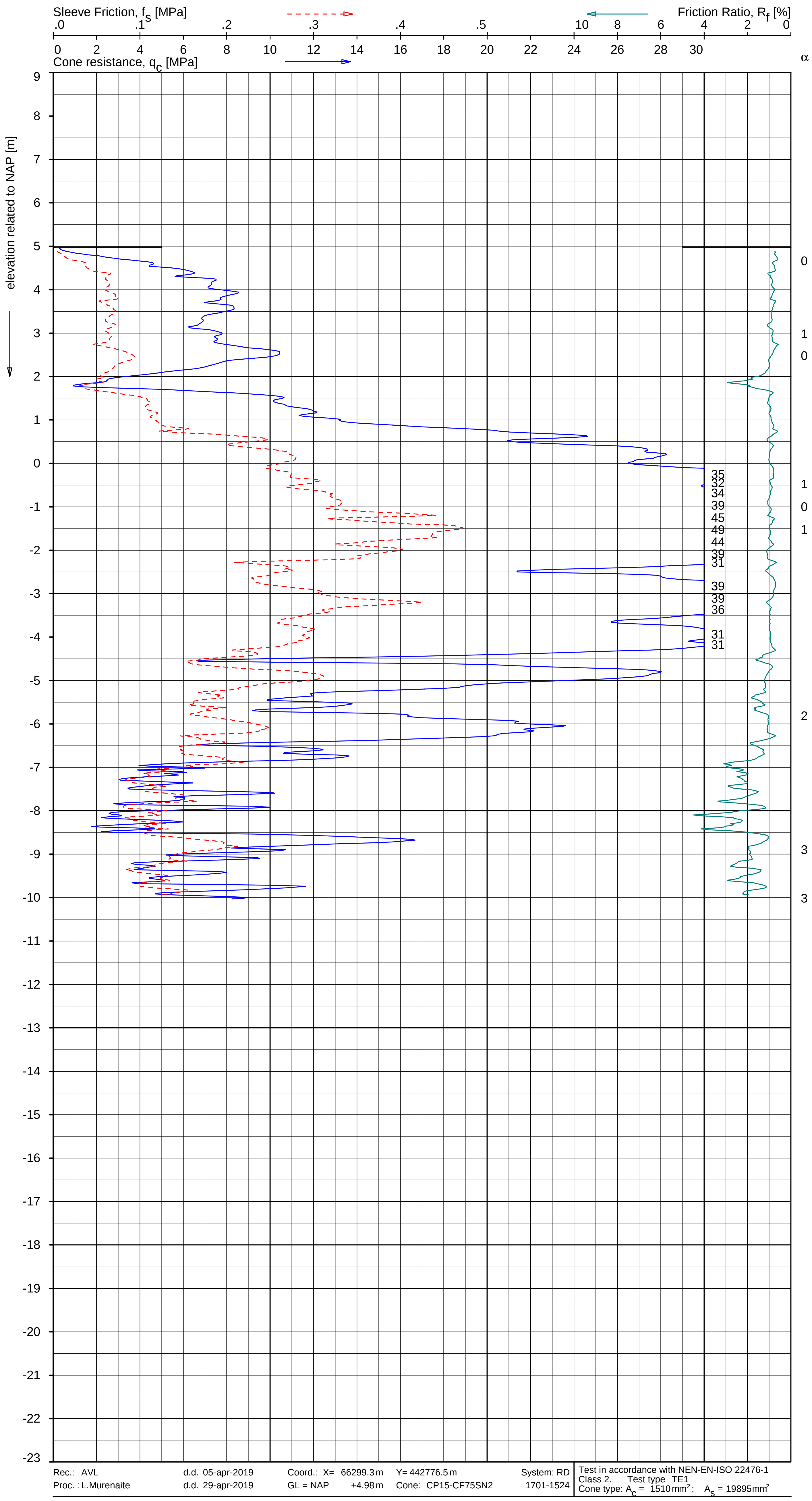
Rec.: AVL d.d. 05-apr-2019 Coord.: X= 66281.2 m Y= 442785.0 m System: RD
Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.95 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

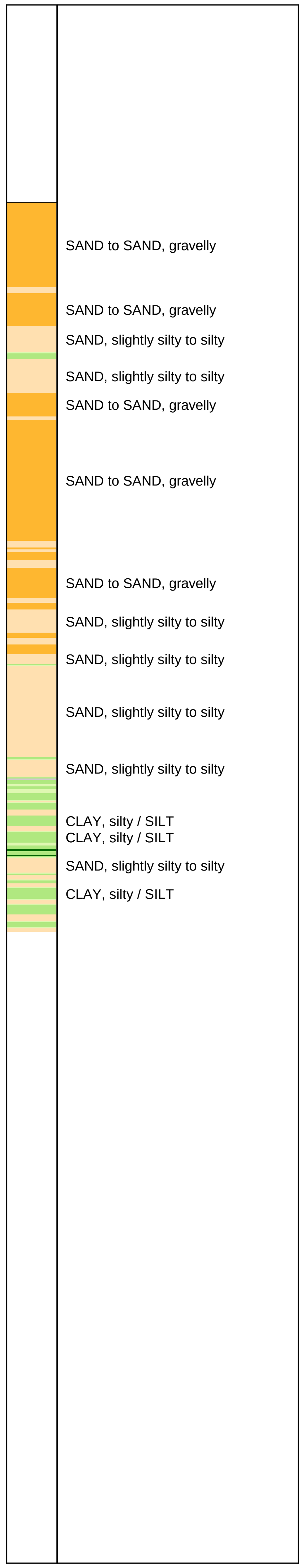
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT167



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

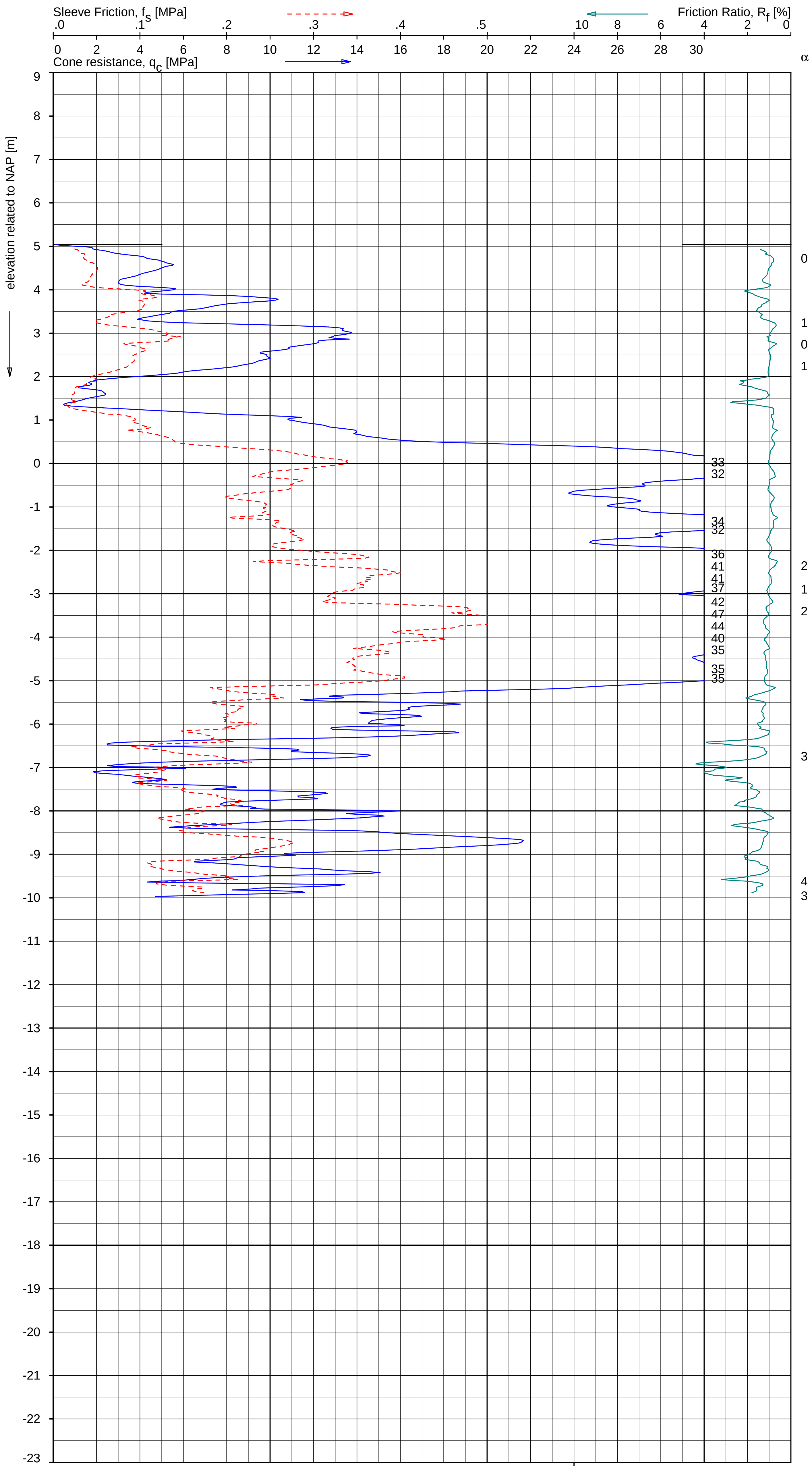


Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66299.3 m	Y= 442776.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.98 m	Cone: CP15-CF75SN2	1701-1524	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

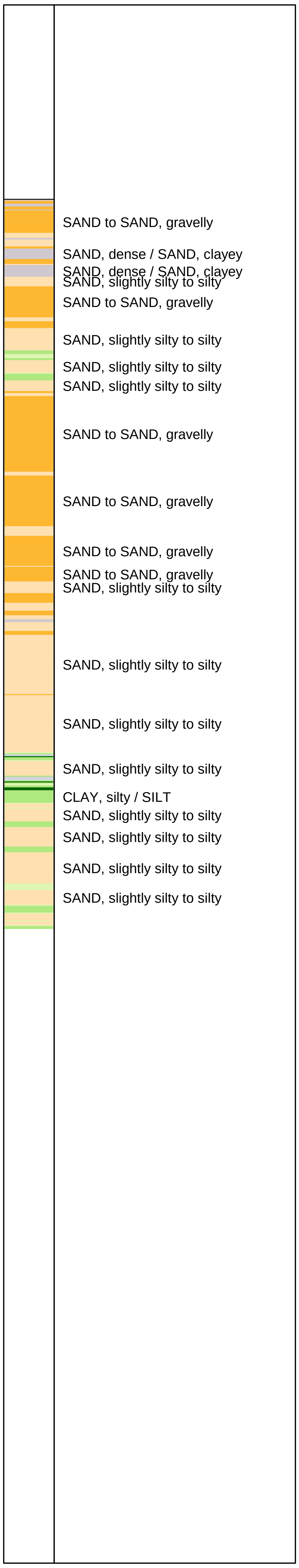
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT168



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVL	d.d. 05-apr-2019	Coord.: X= 66317.5 m	Y= 442768.0 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.04 m	Cone: CP15-CF75SN2	1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

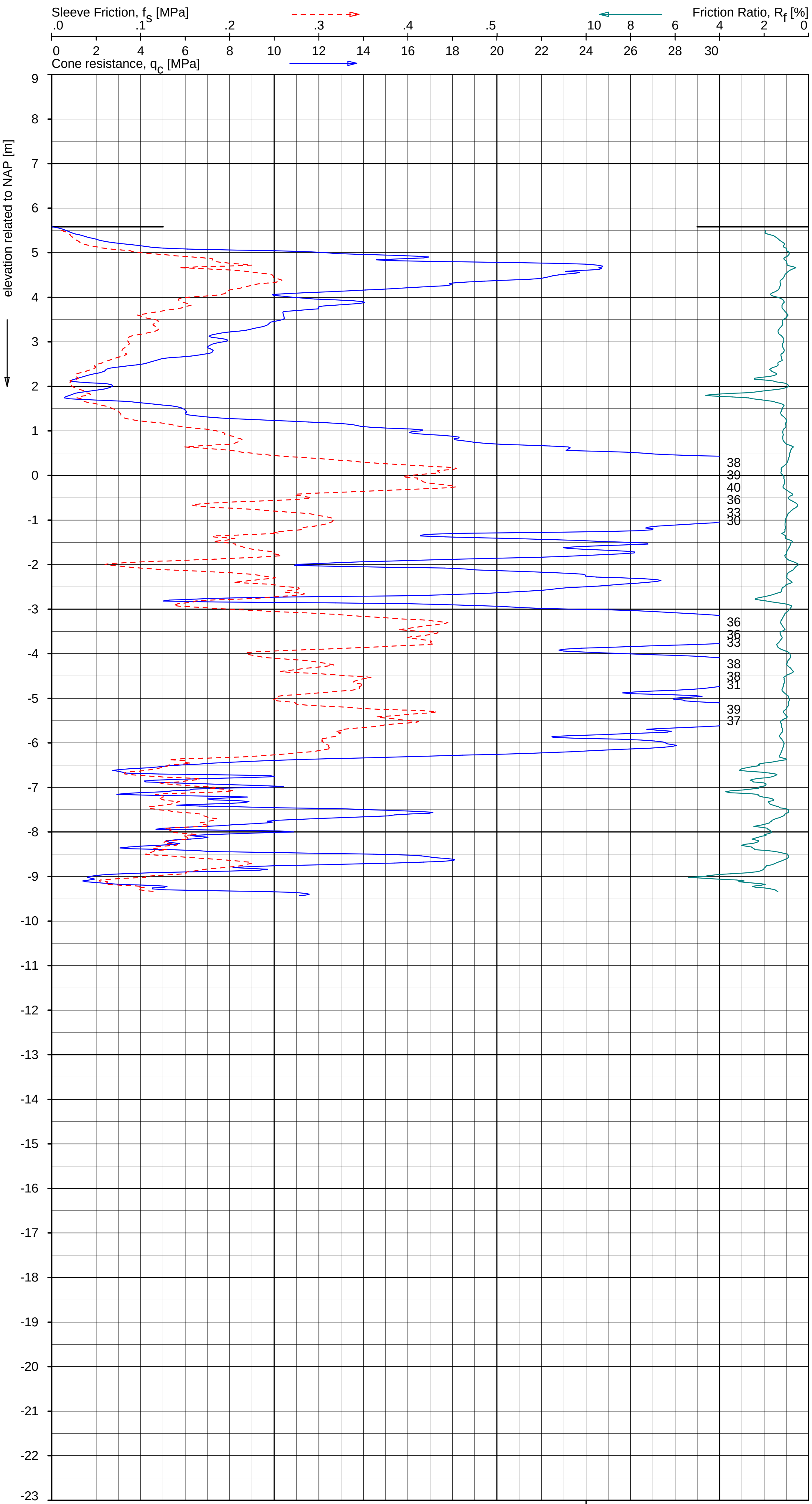
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT169

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:30

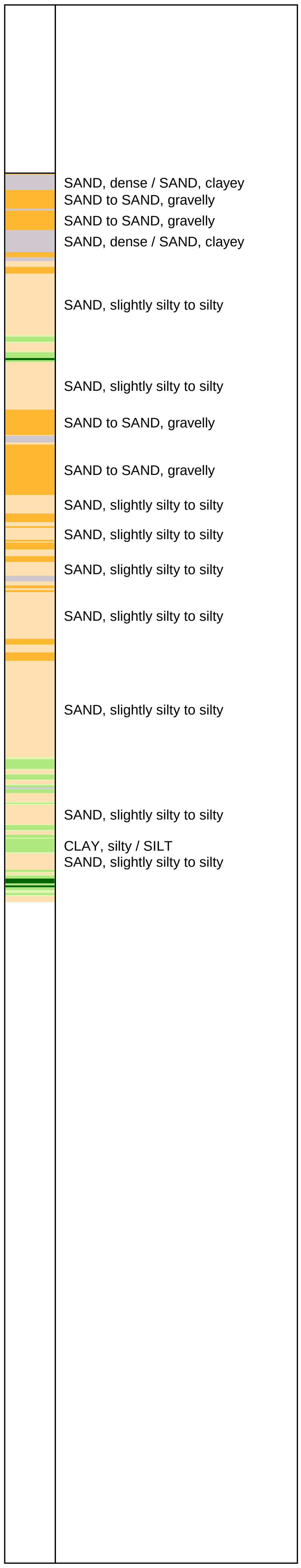
1018-0481-001

CPT169 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

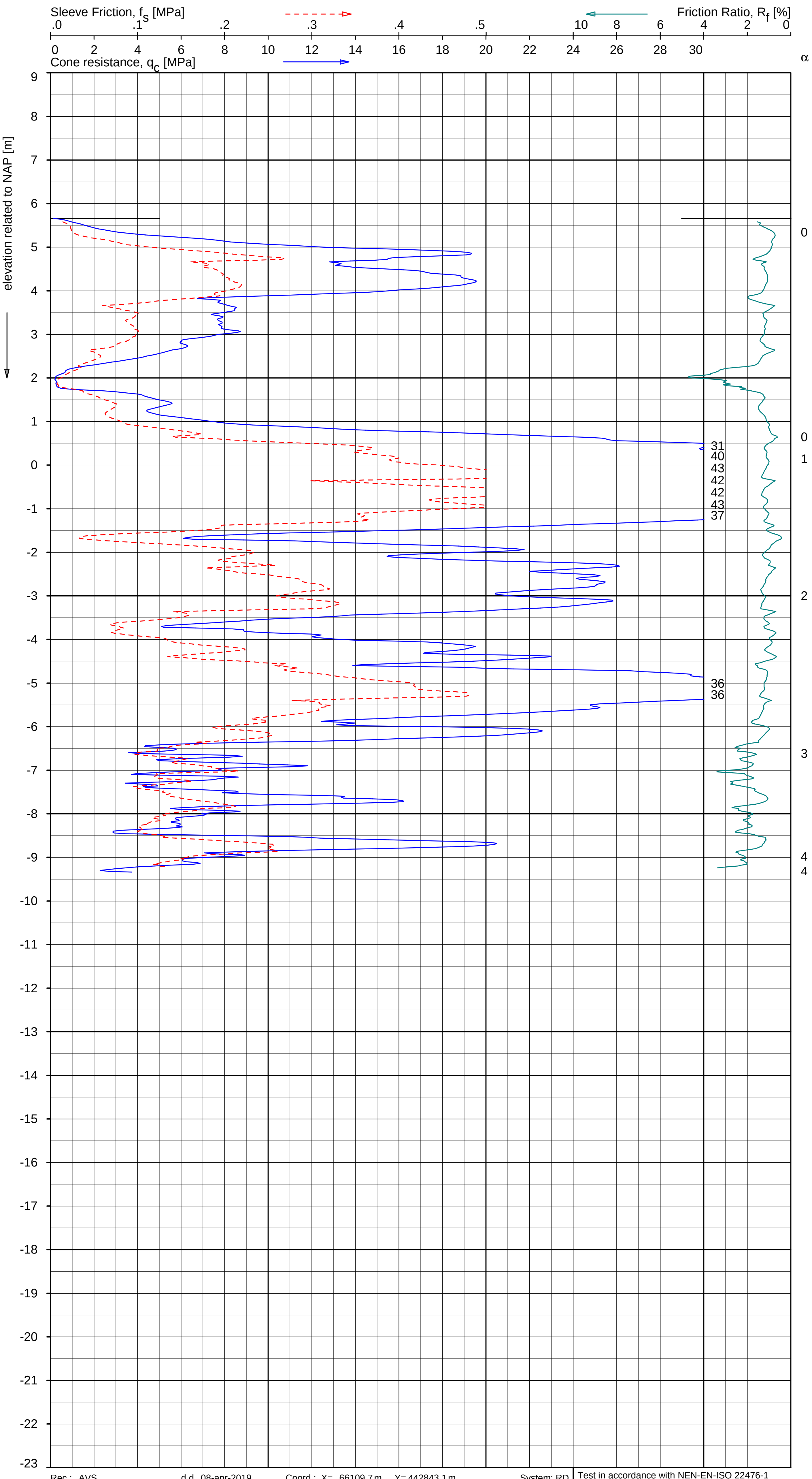


Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66091.6 m Y= 442851.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.58 m Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

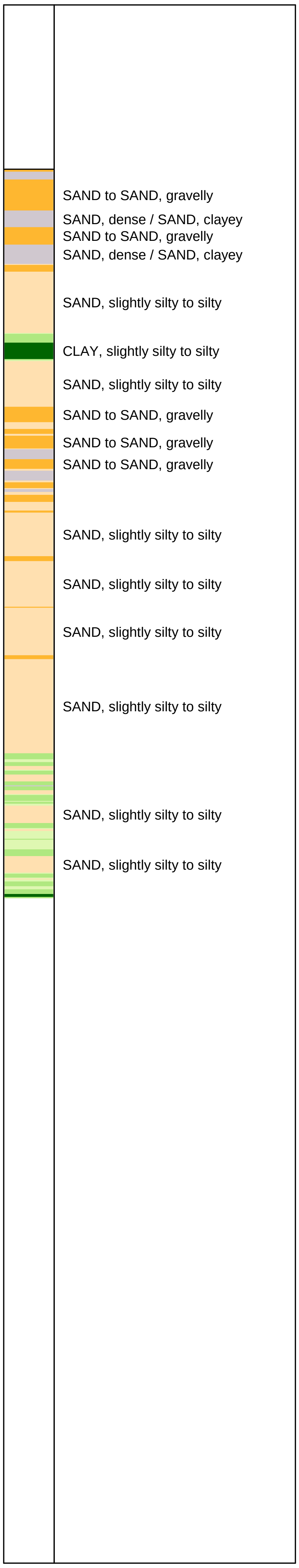
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT170



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:14

1018-0481-001

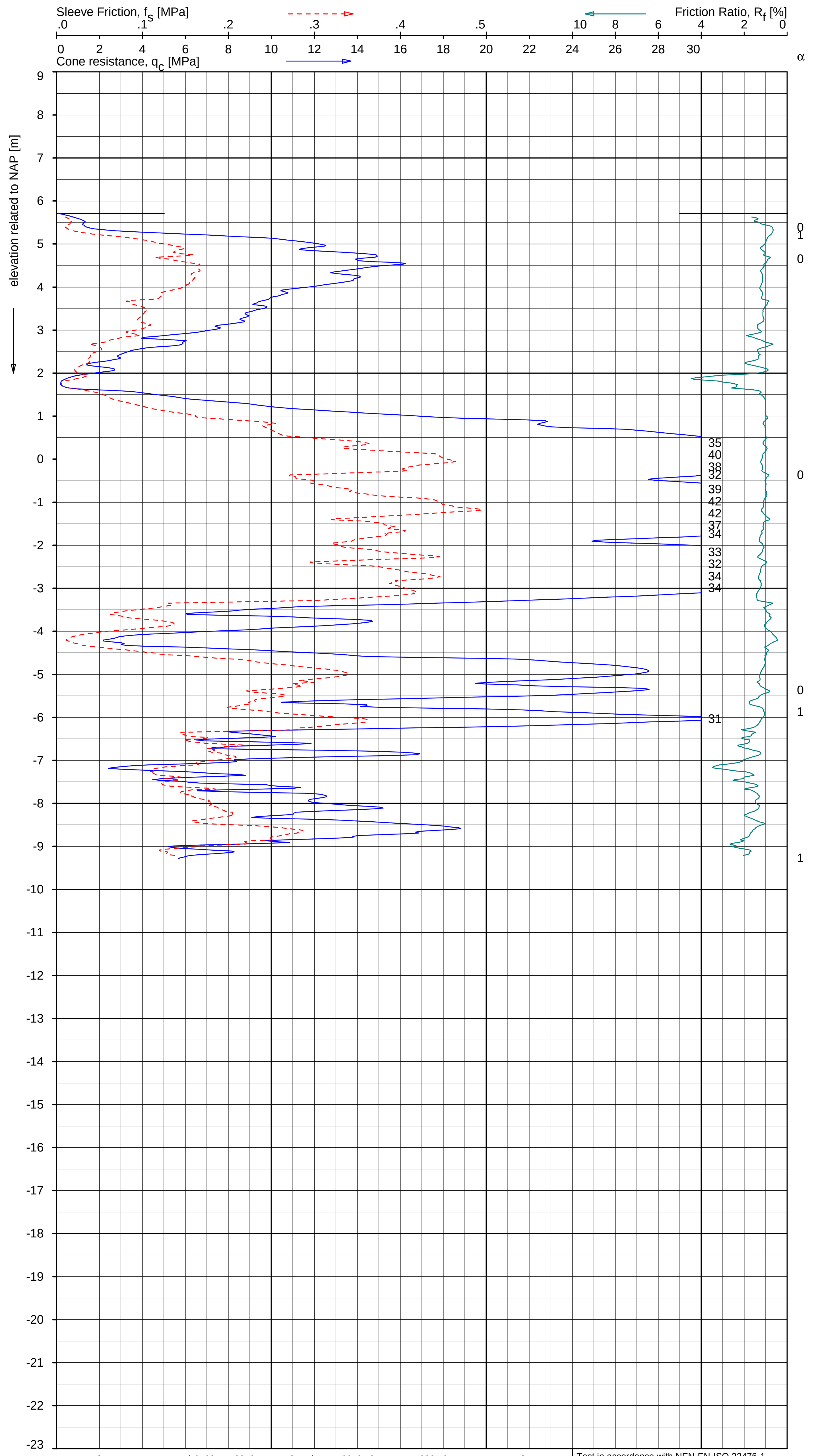
CPT171 - 1

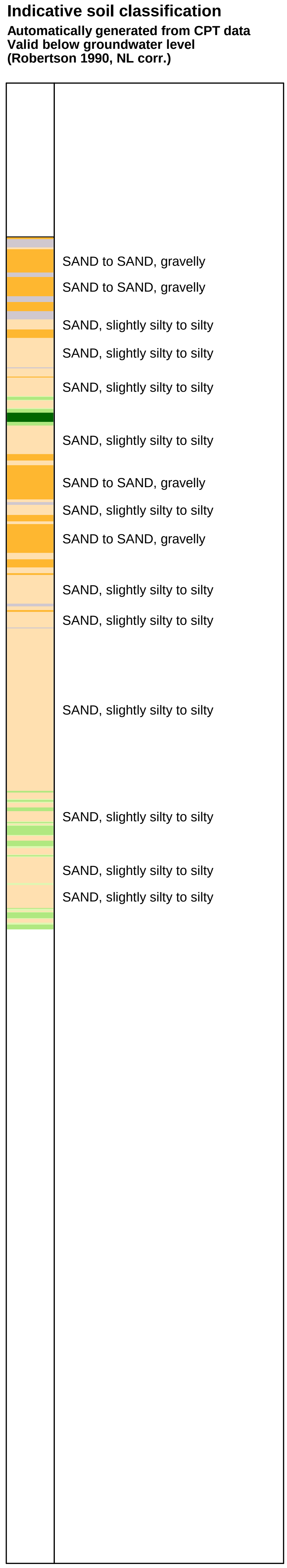
Rec.: AVS	d.d. 08-apr-2019	Coord.: X= 66109.7 m Y= 442843.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.66 m Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT171





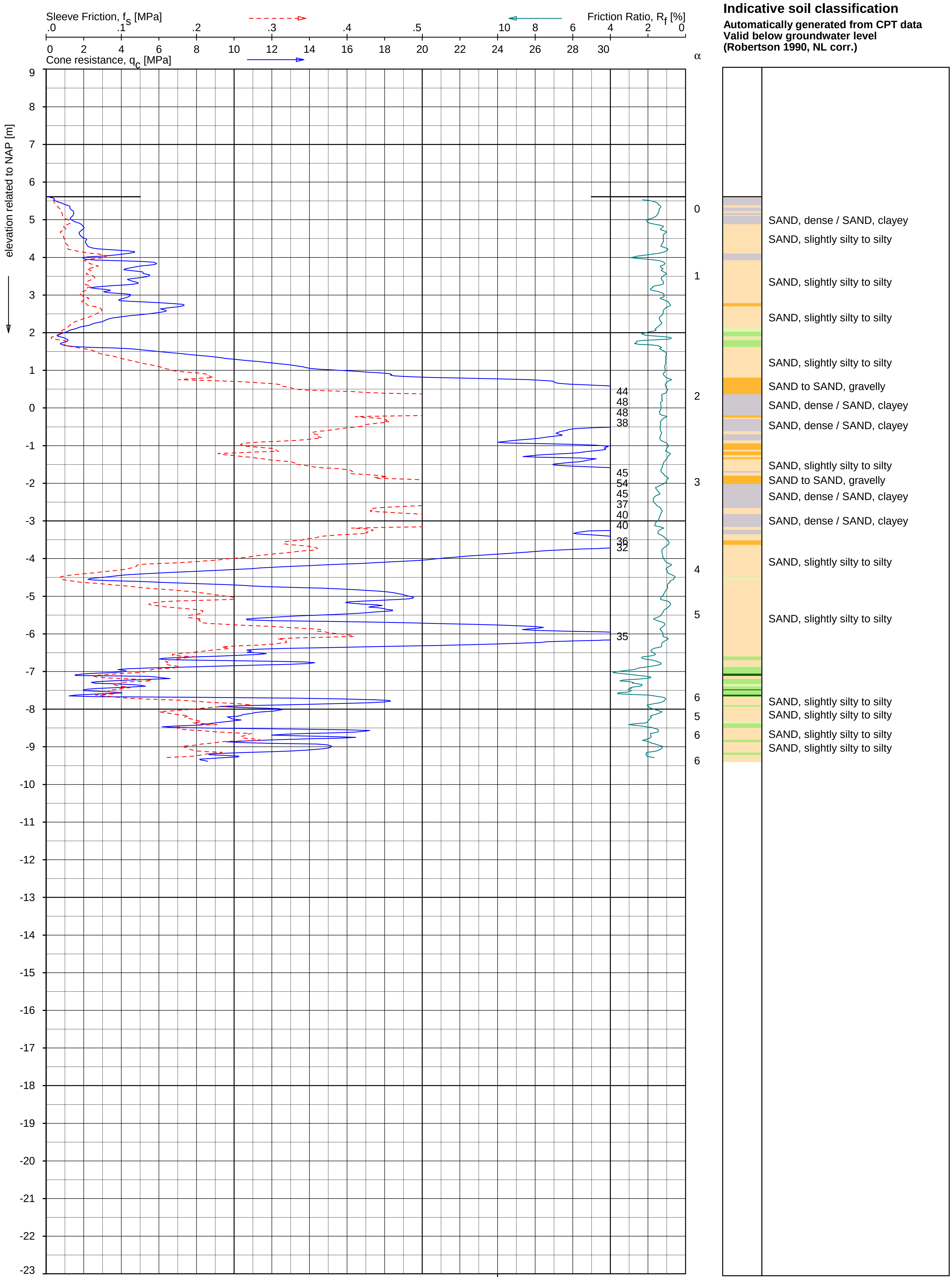
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:35:20

Rec.: AVS	d.d. 08-apr-2019	Coord.: X= 66127.8 m Y= 442834.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.71 m Cone: CP15-CF75SN2	1701-2674	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT172



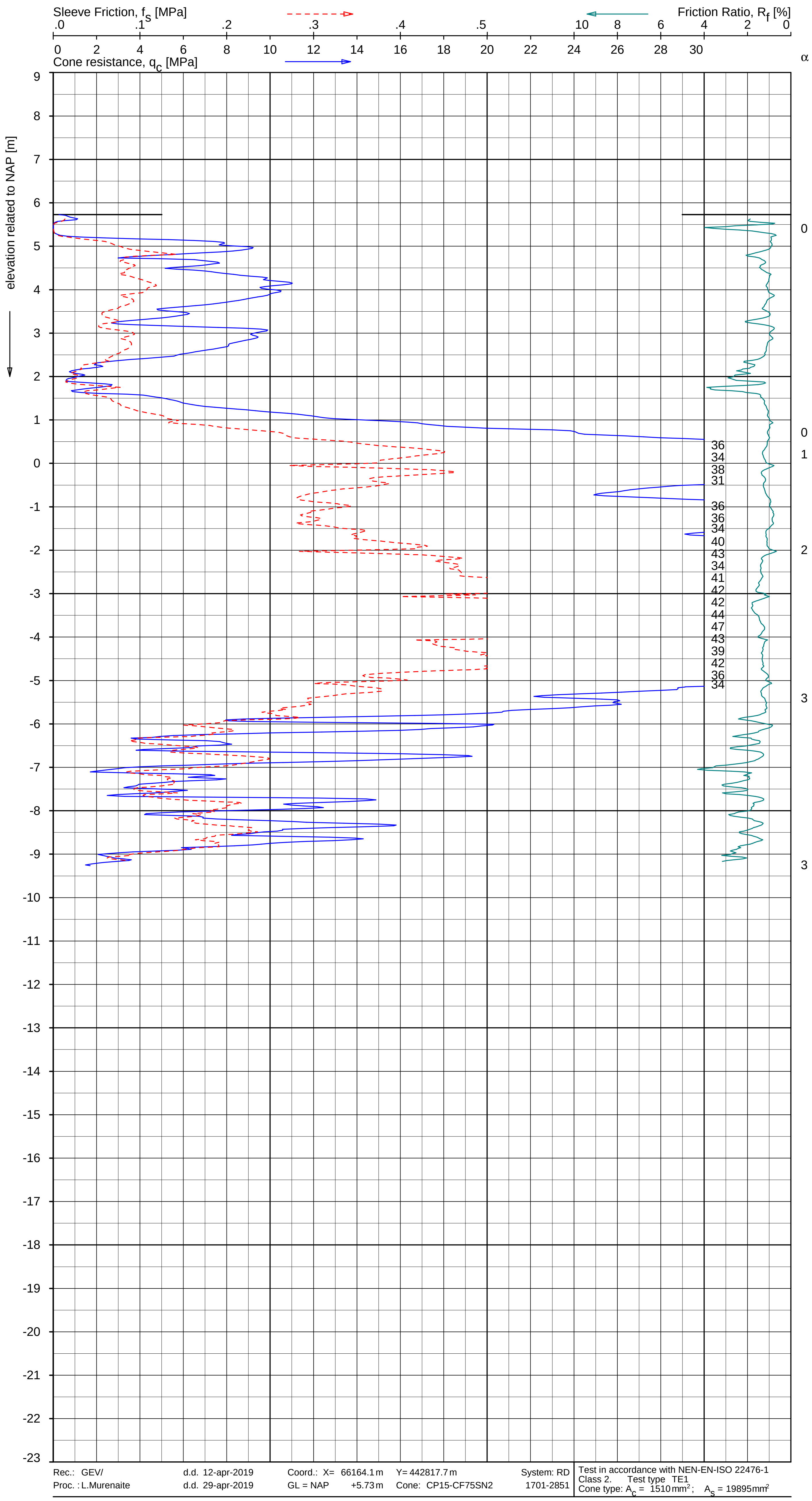
Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66145.9 m Y= 442826.1 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.61 m Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

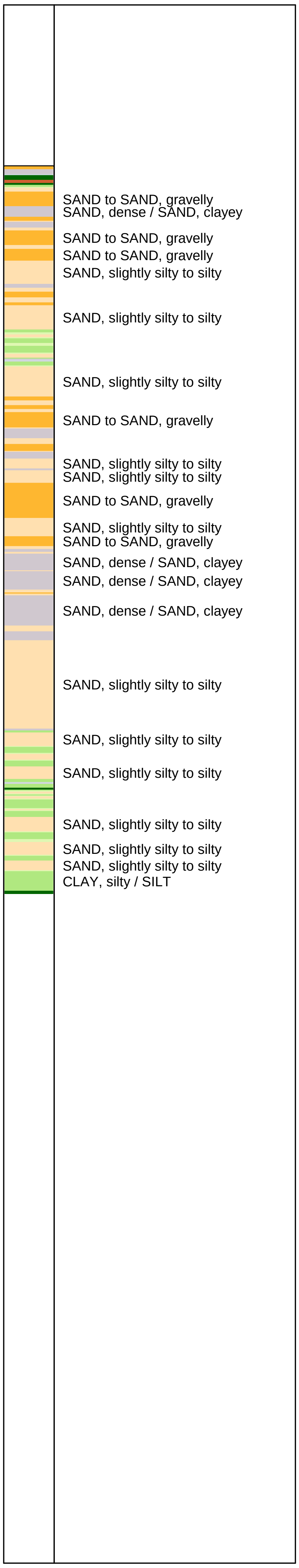
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT173



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND, dense / SAND, clayey
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT

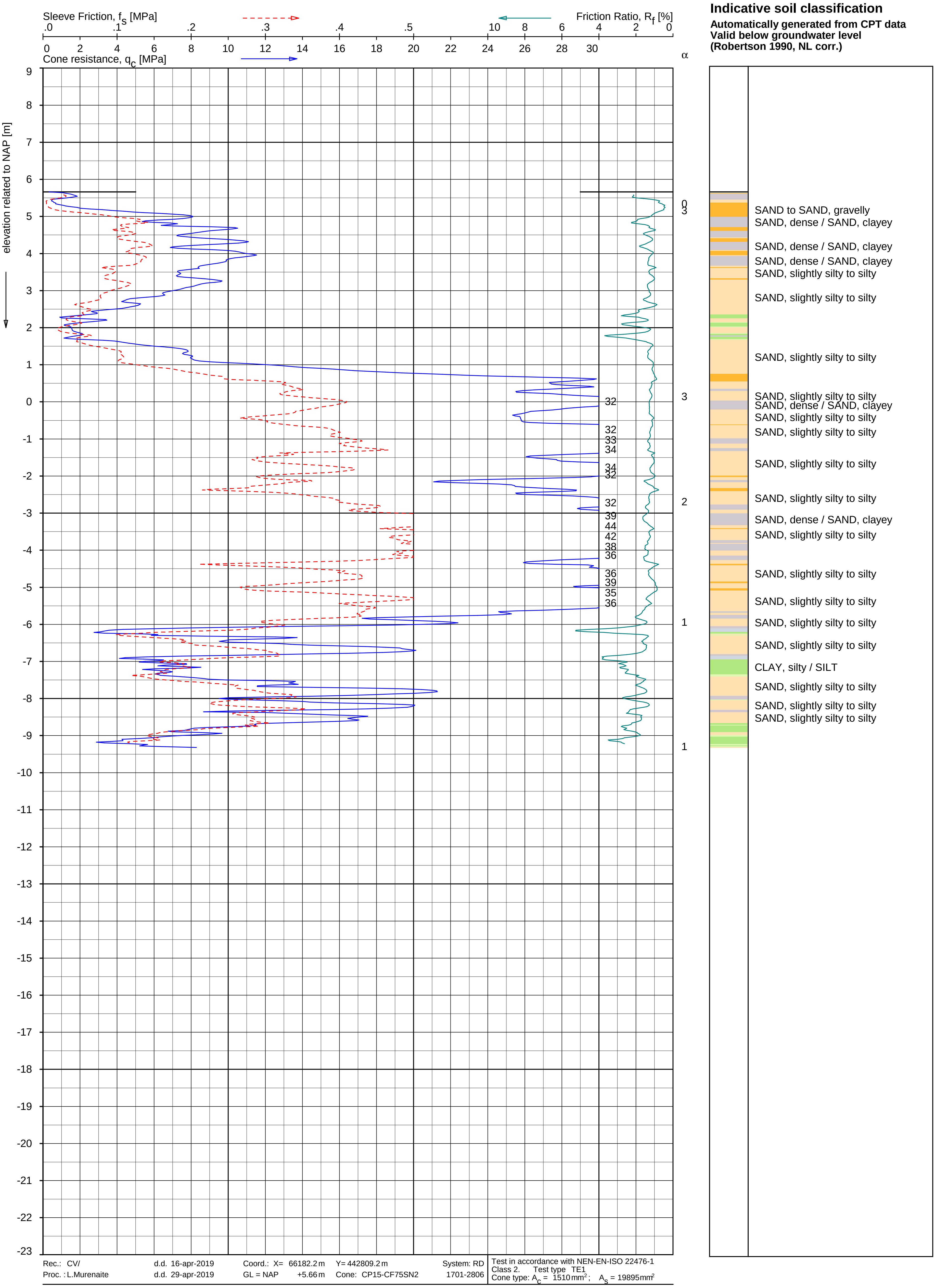
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:47

Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66164.1 m Y= 442817.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.73 m Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT174



Rec.: CV/	d.d. 16-apr-2019	Coord.: X= 66182.2 m	Y= 442809.2 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.66 m	Cone: CP15-CF75SN2	1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

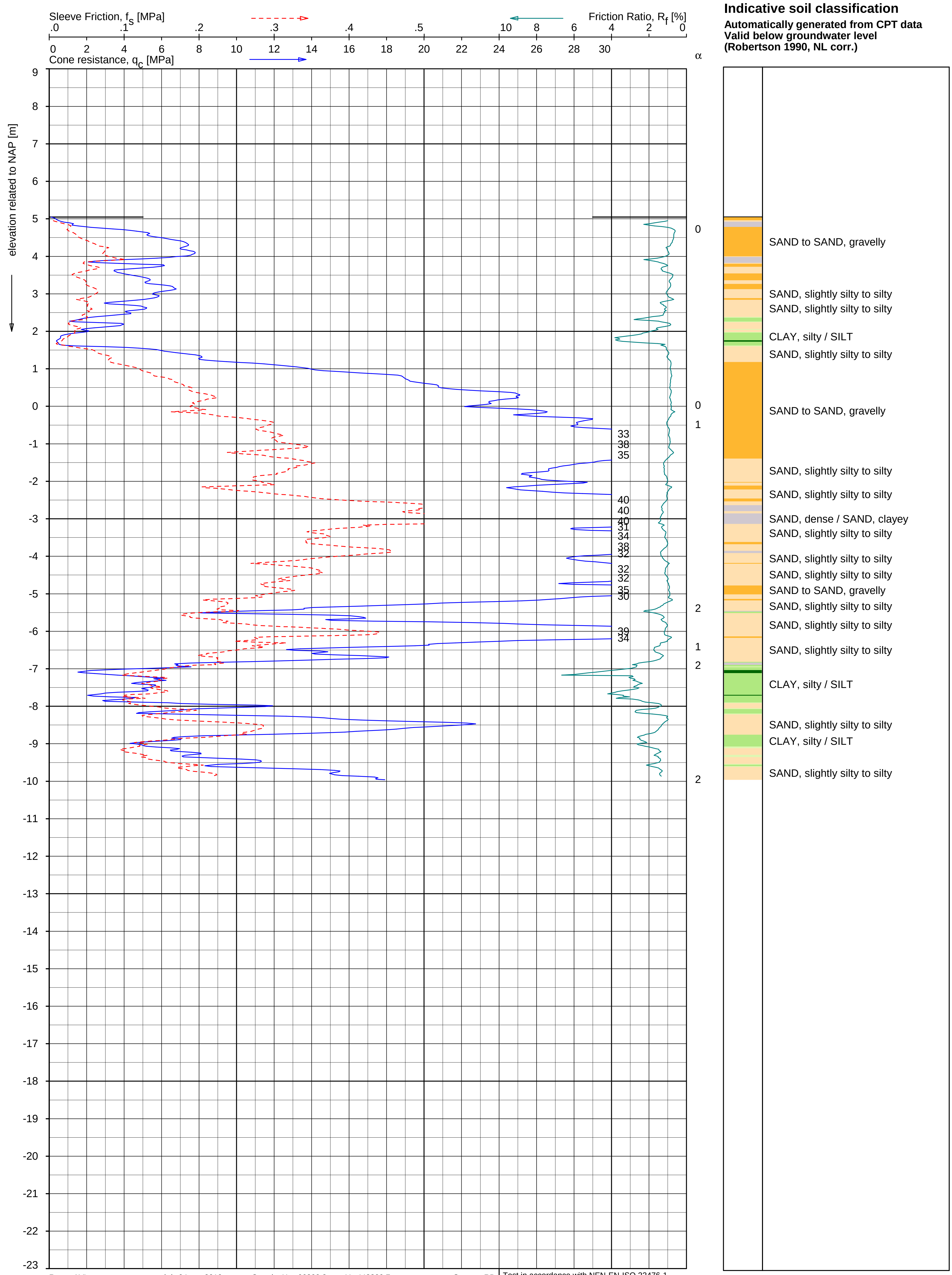
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT175

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:38

1018-0481-001

CPT176 - 1

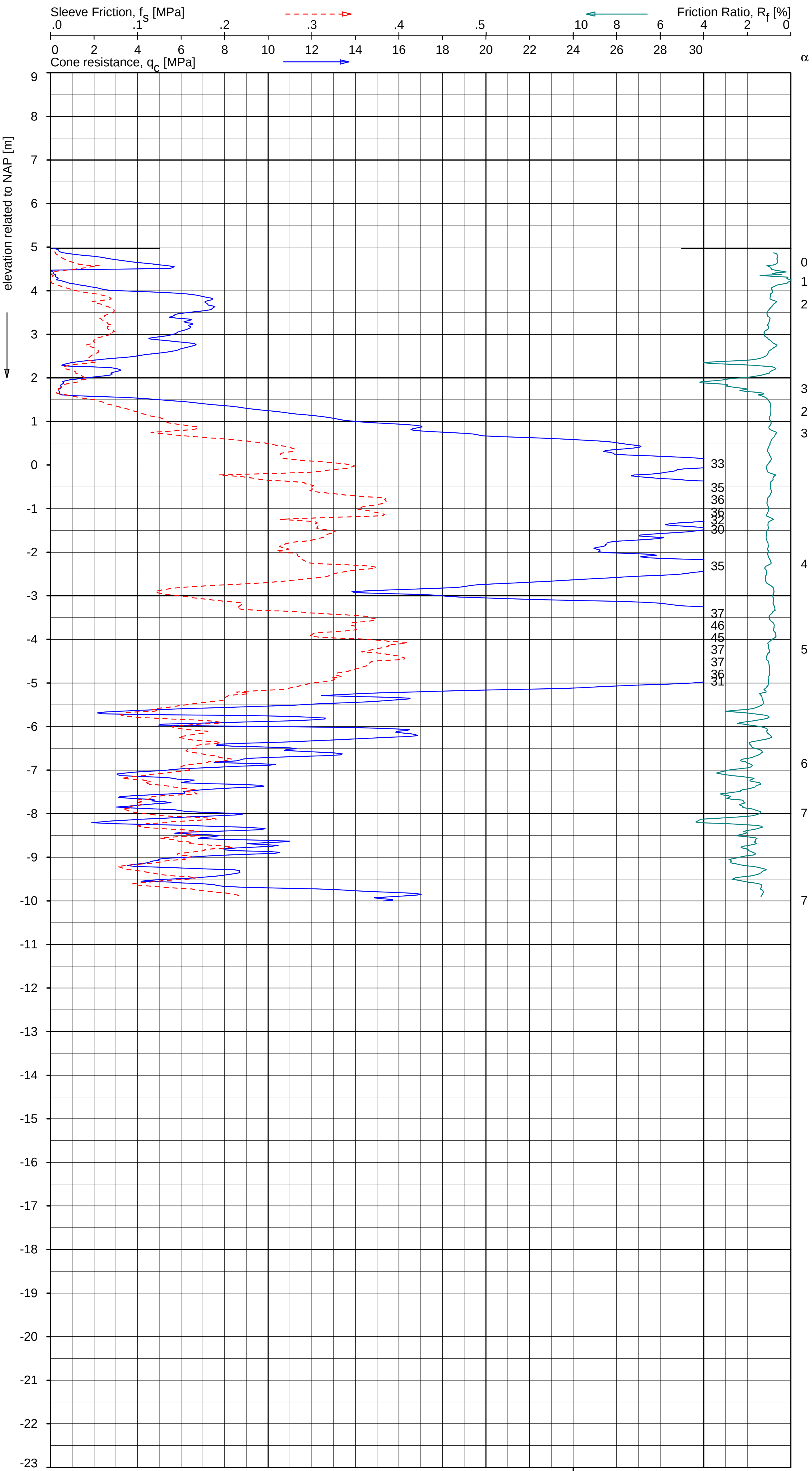


Rec.: AVL	d.d. 04-apr-2019	Coord.: X= 66200.3 m	Y= 442800.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.05 m	Cone:	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

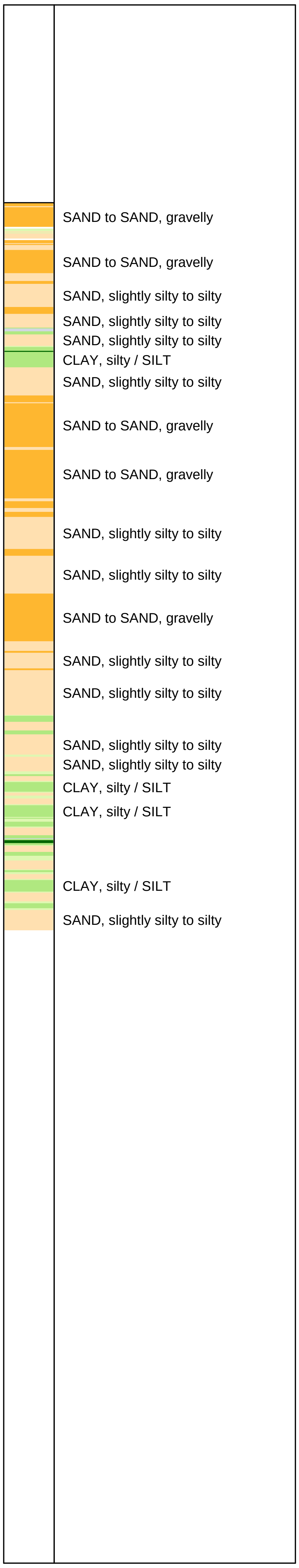
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT176



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



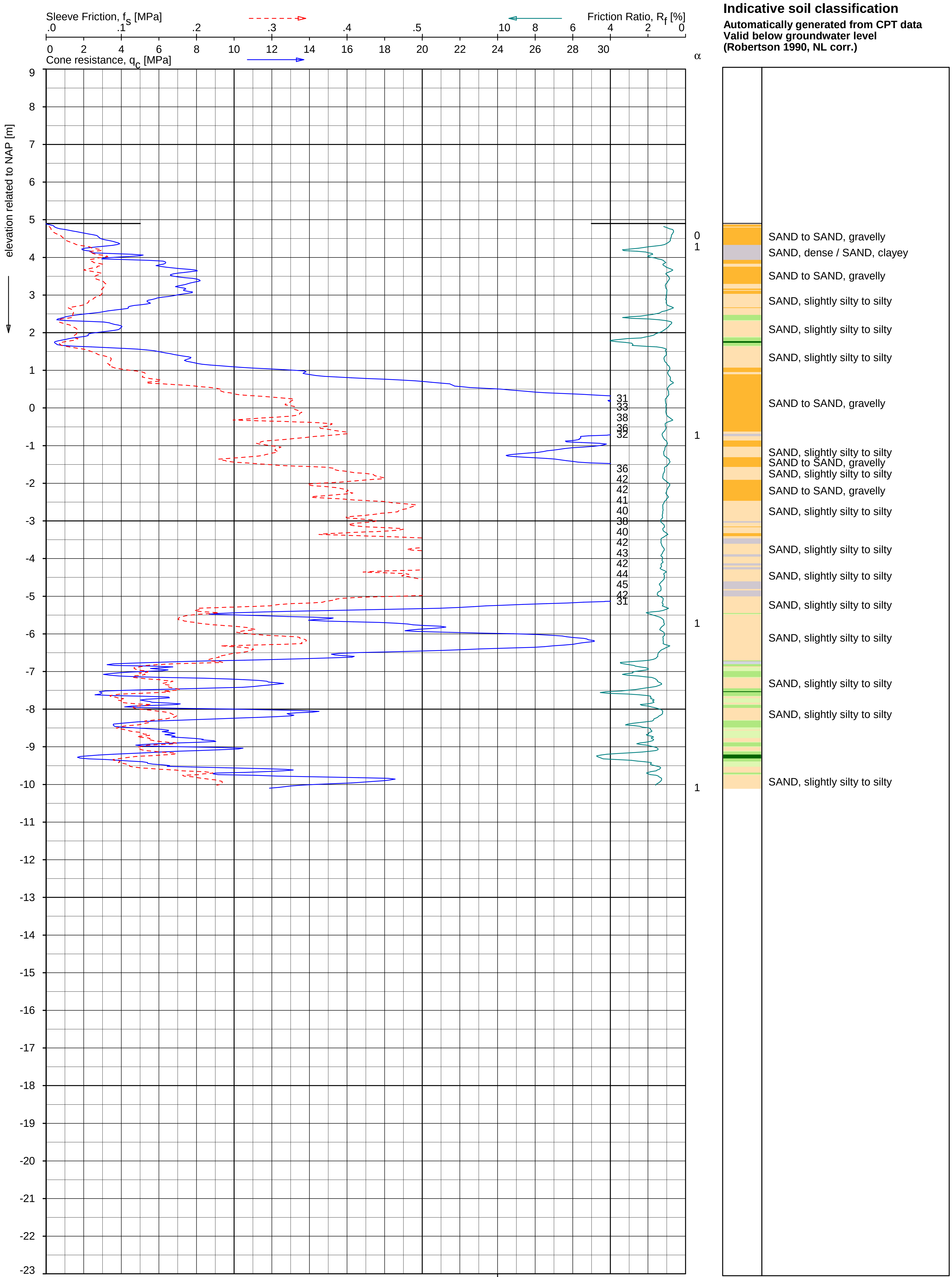
Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66218.4 m	Y= 442792.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.97 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT177

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:43



Rec.: AVS d.d. 02-apr-2019 Coord.: X= 66236.5 m Y= 442783.8 m System: RD

Proc. : L.Murenaite d.d. 29-apr-2019 GL = NAP +4.90 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

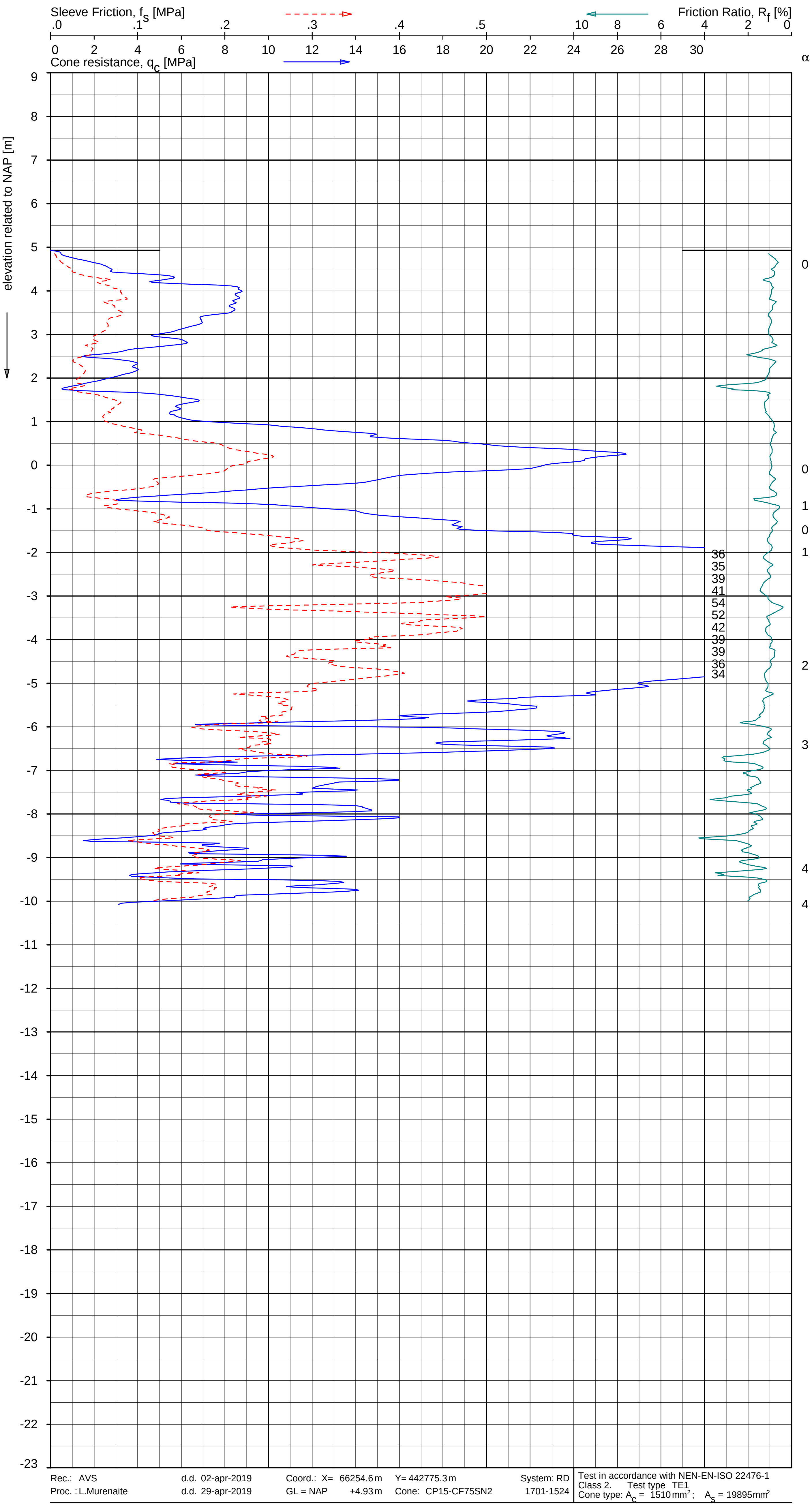
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT178

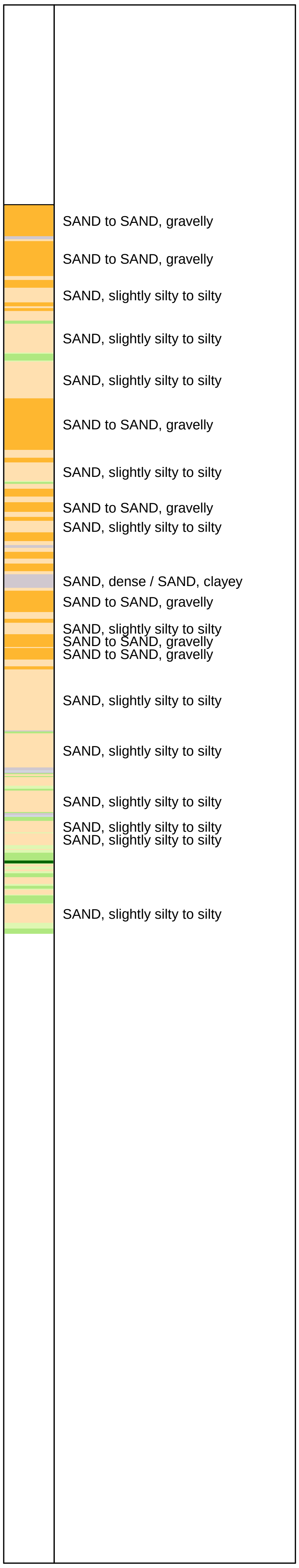
1018-0481-001

CPT178 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:34:55

1018-0481-001

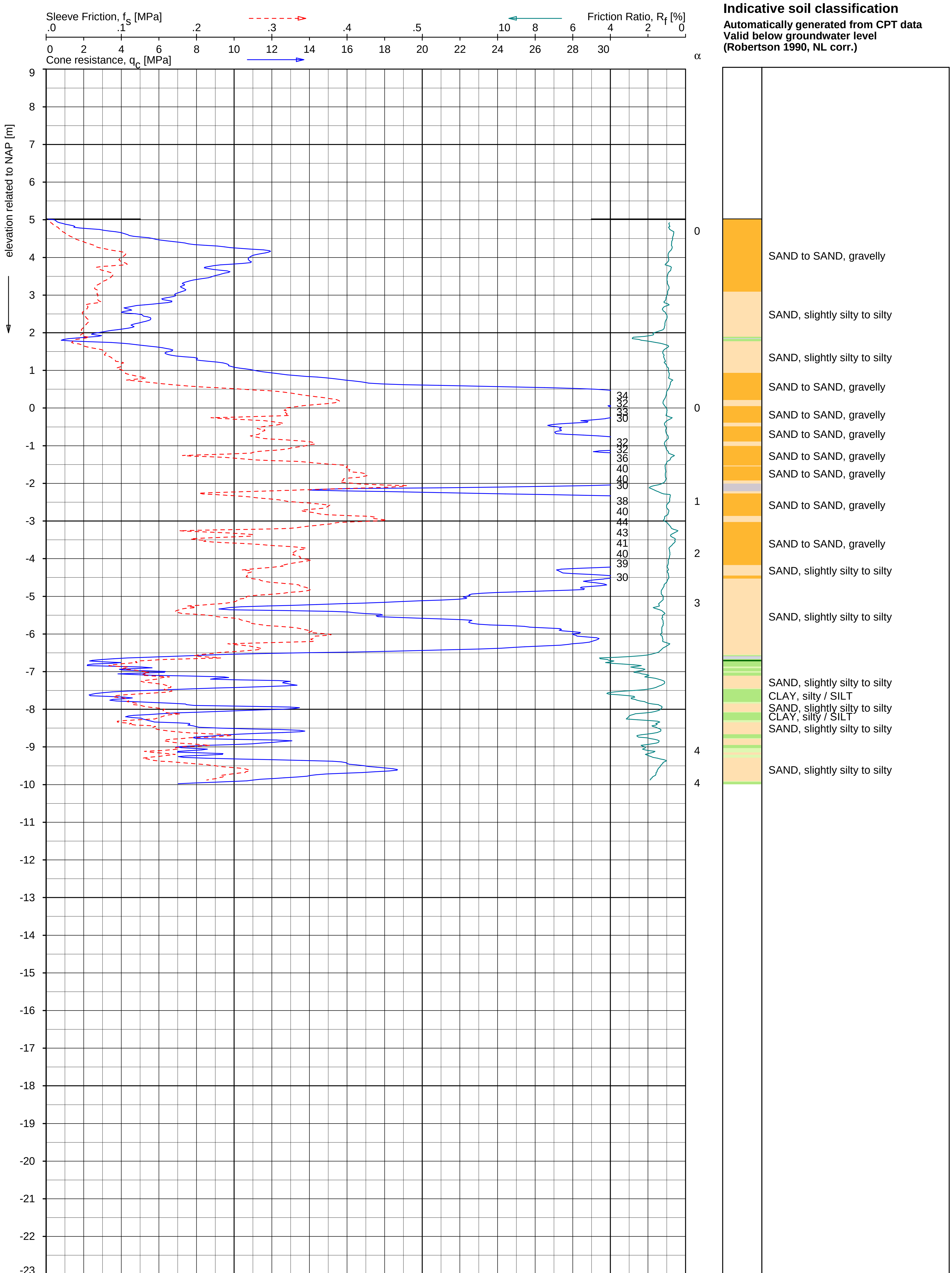
CPT179 - 1

Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66254.6 m Y= 442775.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.93 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT179



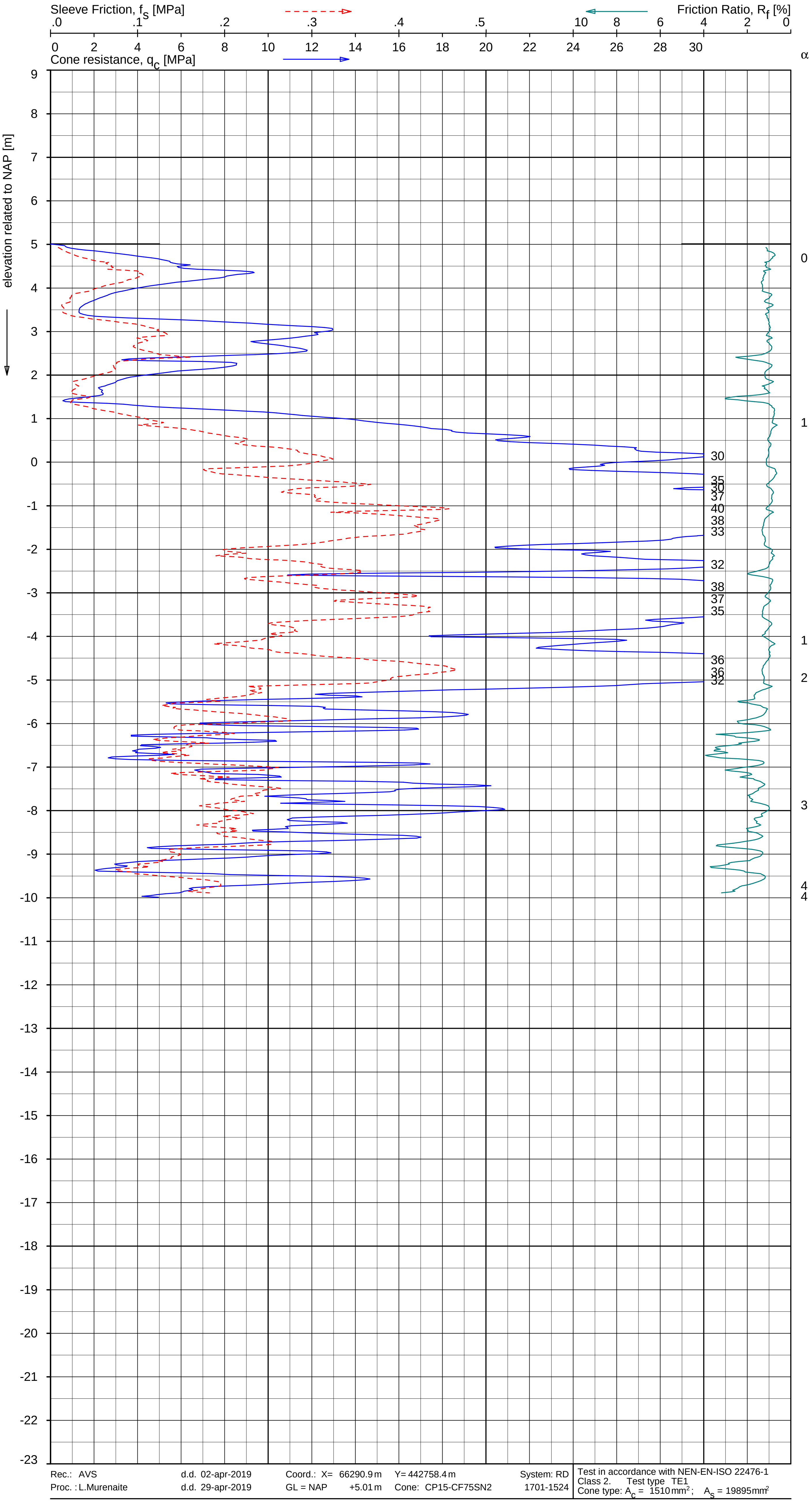
Rec.: AVS d.d. 02-apr-2019 Coord.: X= 66272.8 m Y= 442766.9 m System: RD
Proc.: L.Murenaite d.d. 29-apr-2019 GL = NAP +5.02 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

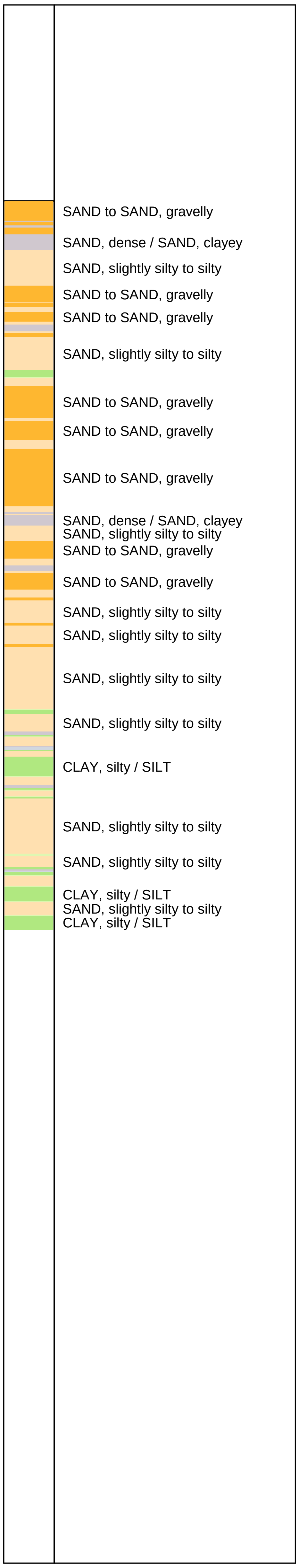
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT180



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66290.9 m	Y= 442758.4 m	System: RD
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.01 m	Cone: CP15-CF75SN2	1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

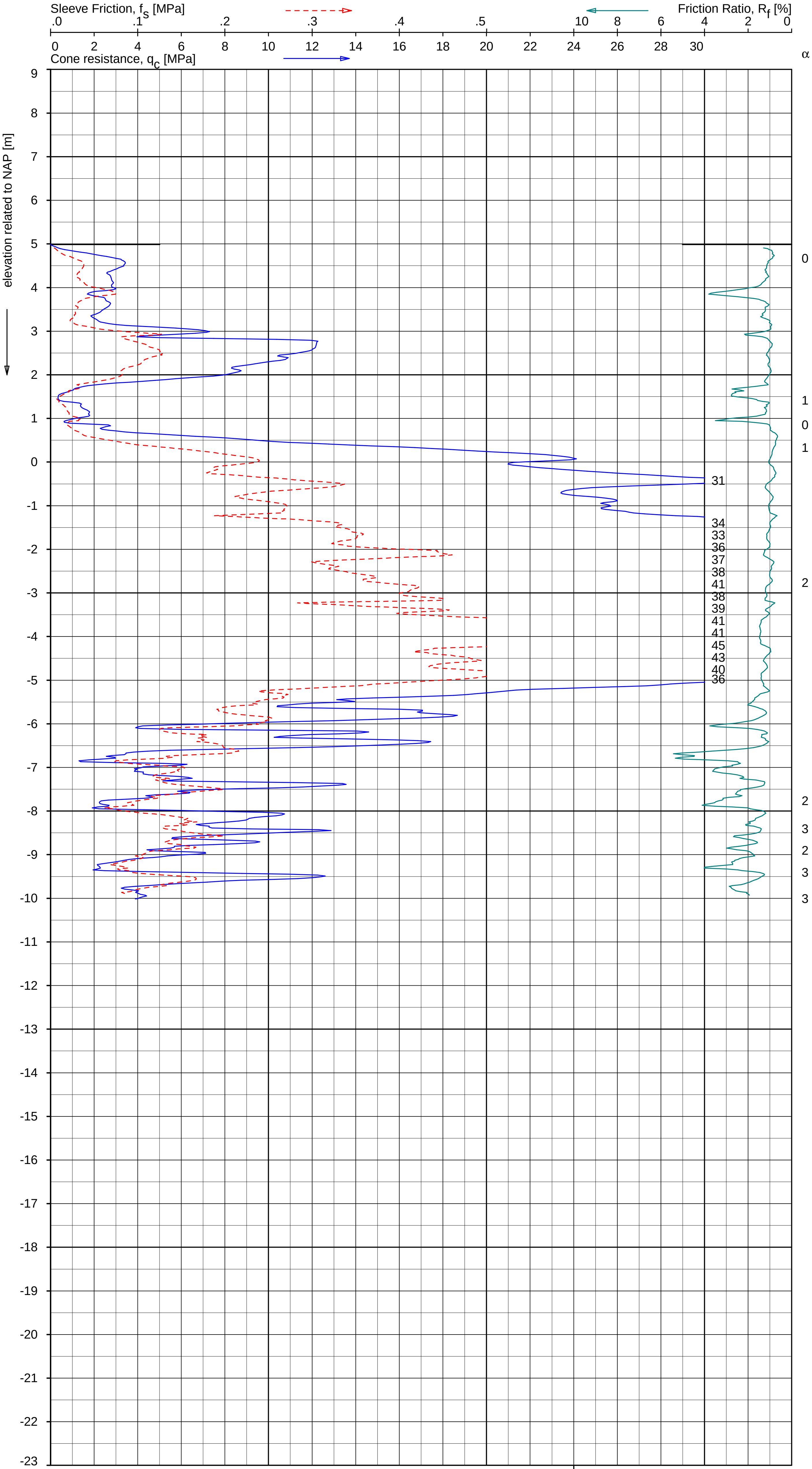
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT181

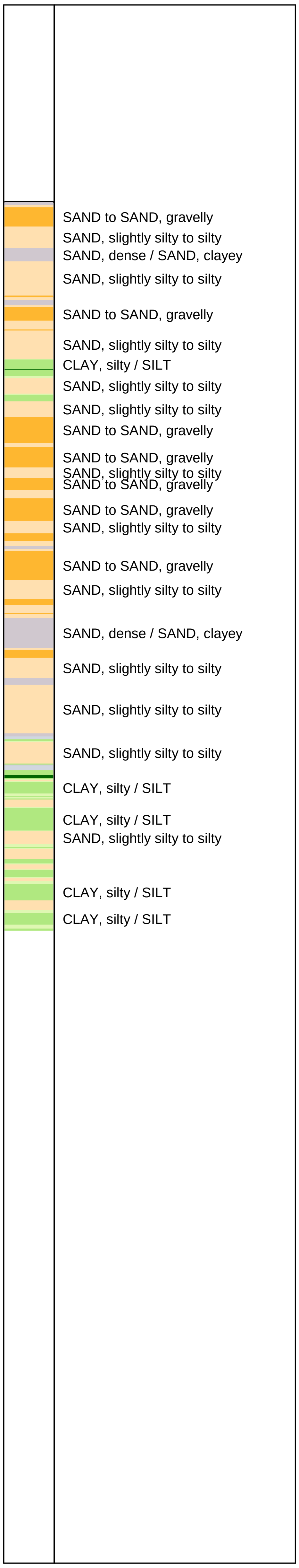
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:23

1018-0481-001



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:40:54

1018-0481-001

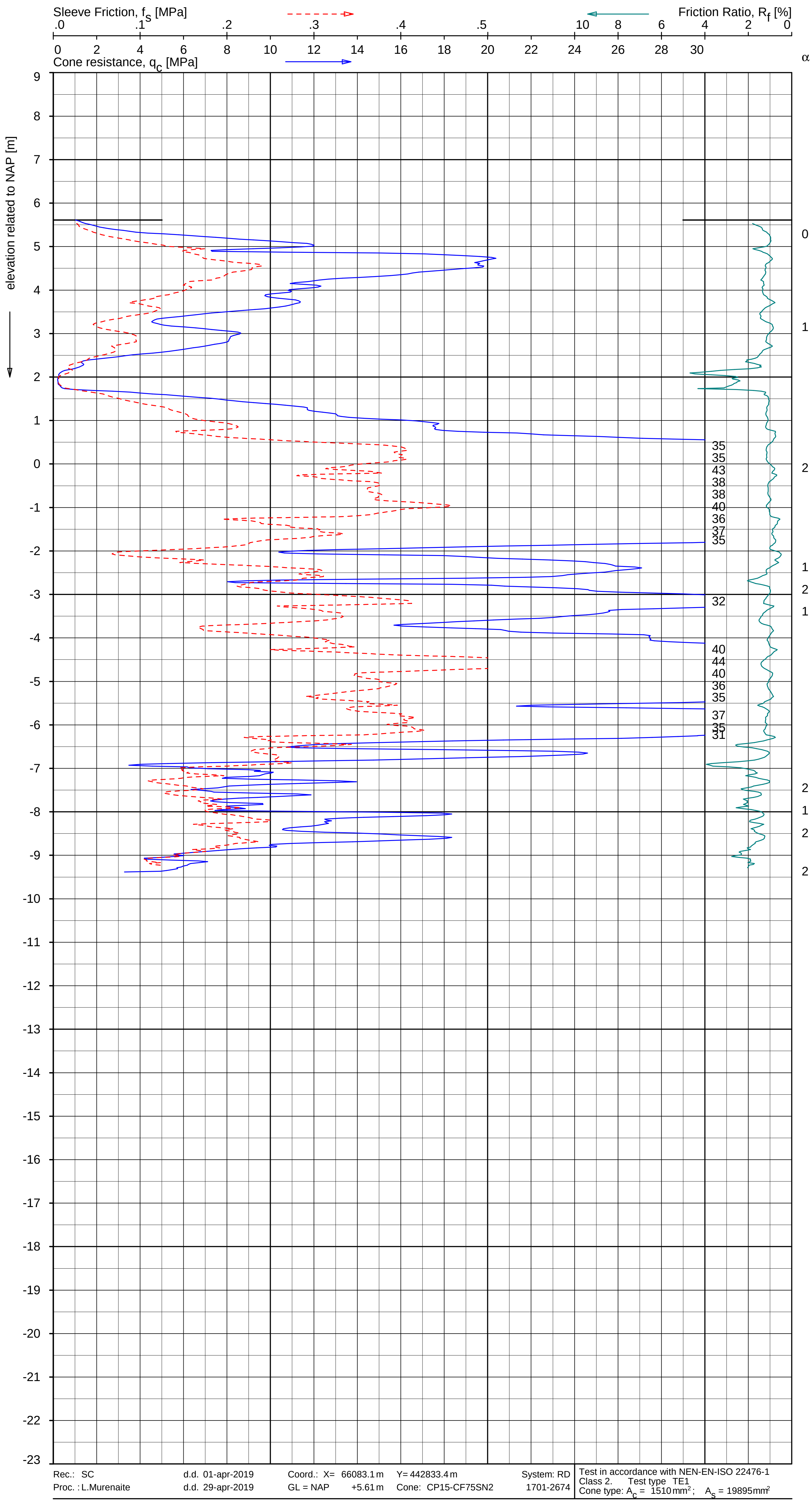
CPT182 - 1

Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66309.0 m	Y= 442749.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.99 m	Cone: CP15-CF75SN2	1701-1524	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT182



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

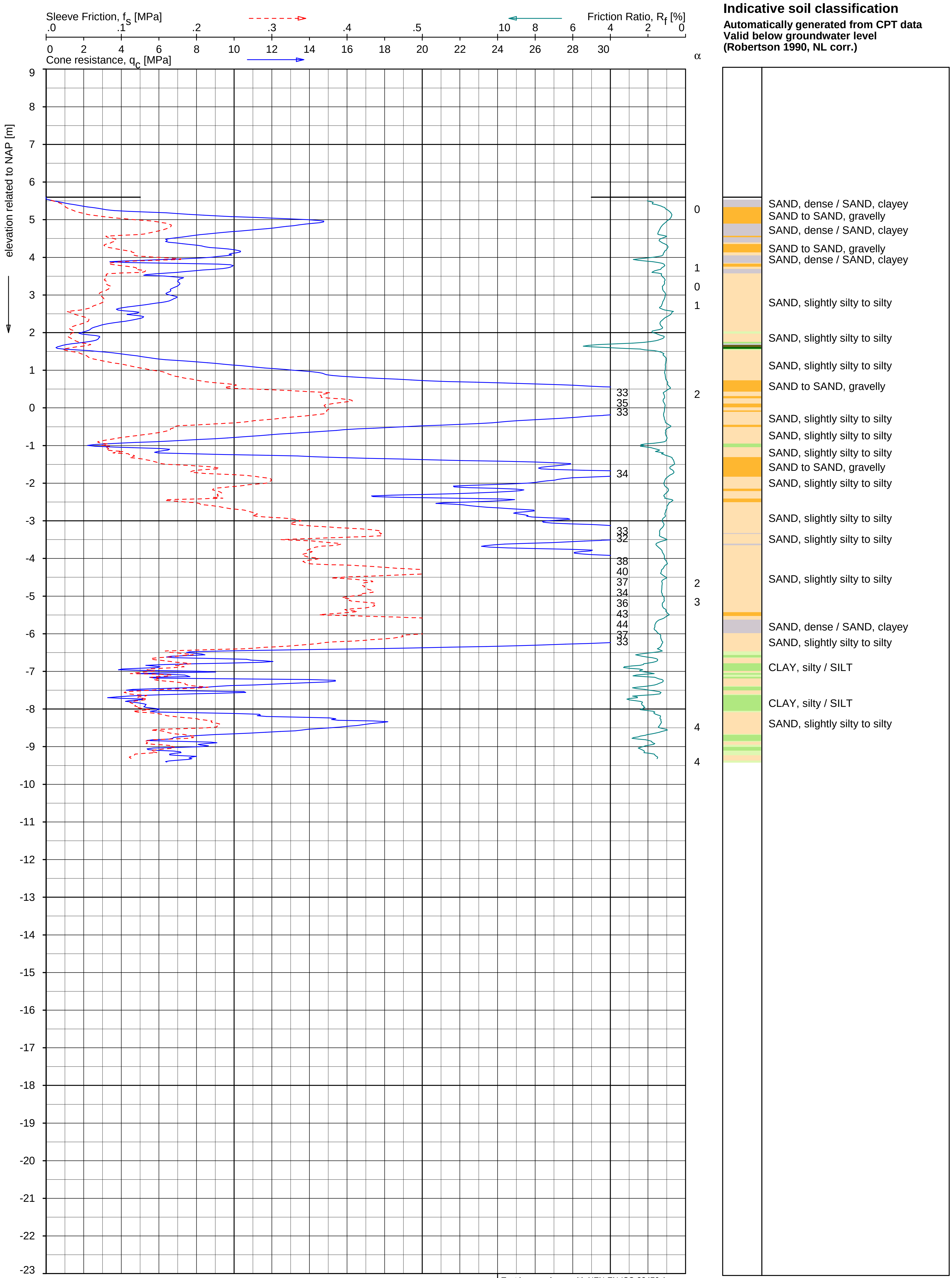
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty

Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66083.1 m Y= 442833.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.61 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT183

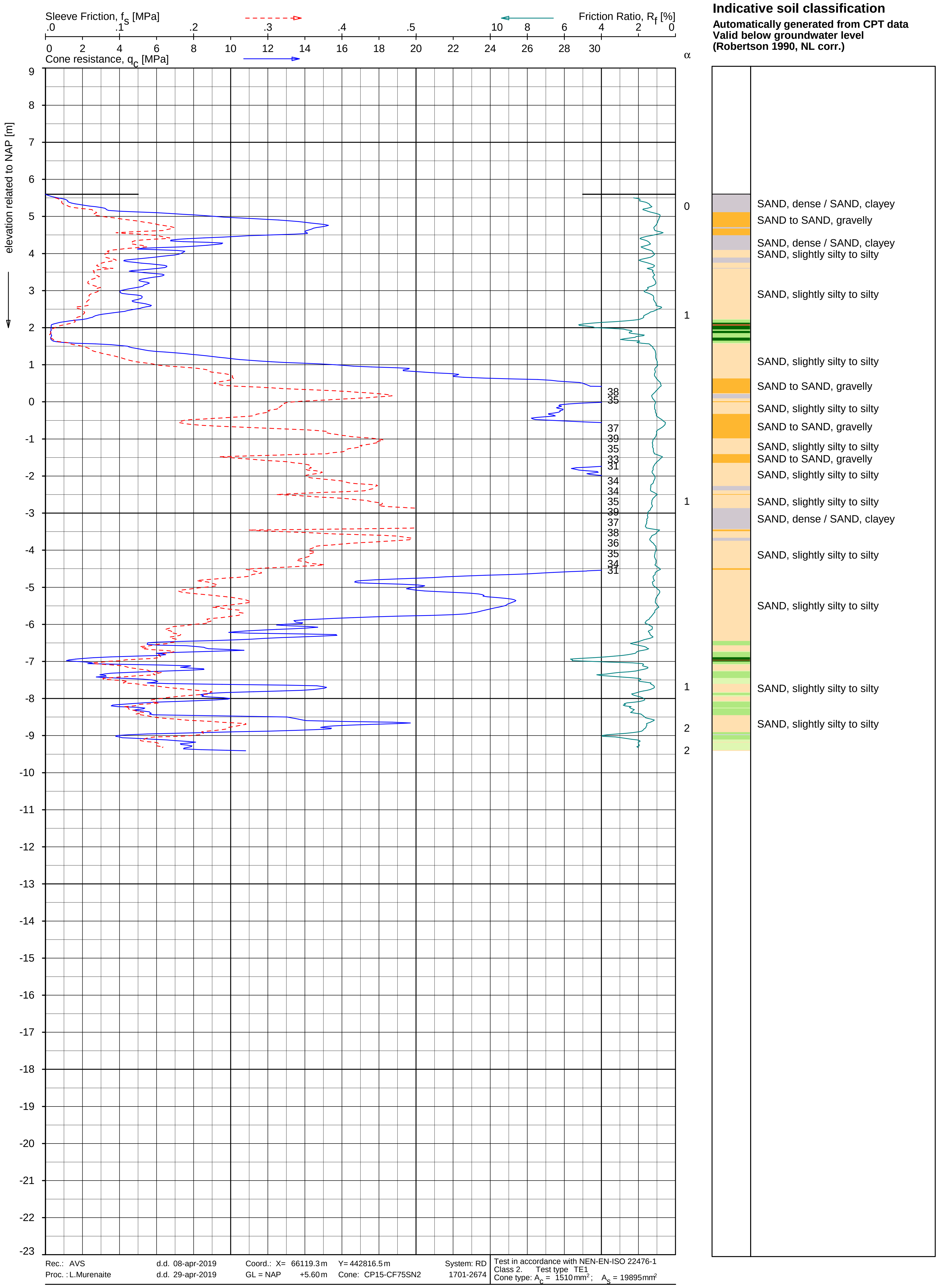


Rec.: AVS Proc. : L.Murenaite	d.d. 08-apr-2019 d.d. 29-apr-2019	Coord.: X= 66101.2 m Y= 442825.0 m GL = NAP +5.60 m Cone: CP15-CF75SN2	System: RD 1701-2674	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT184



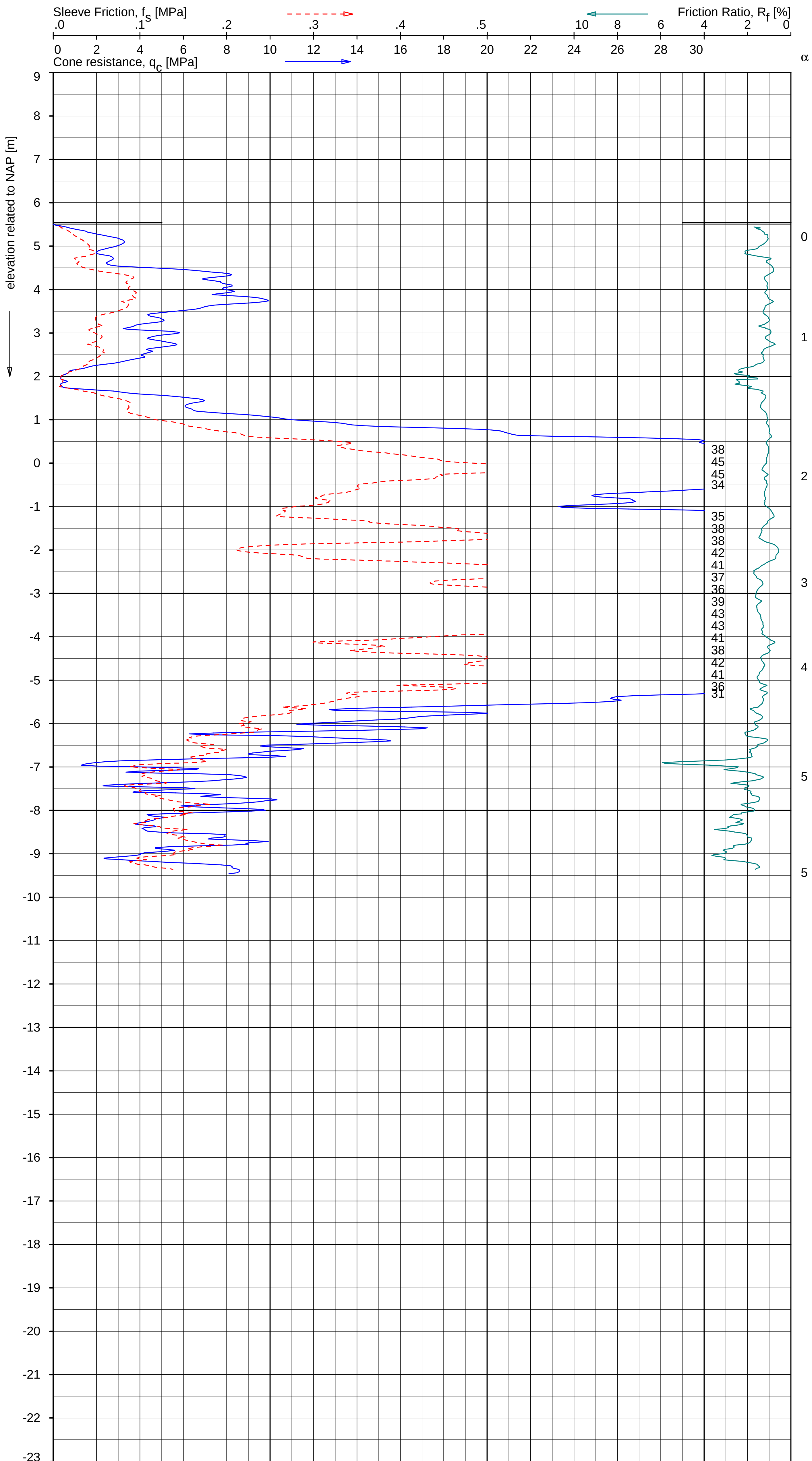
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:43:35

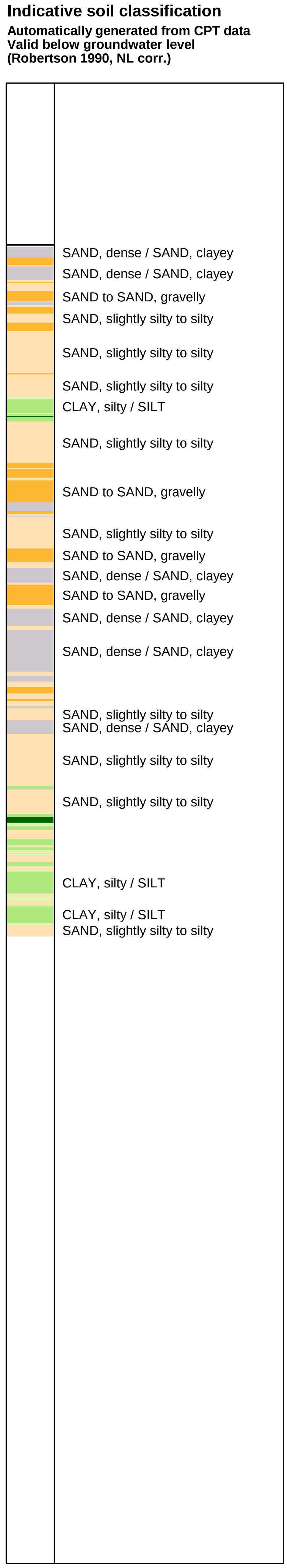
Rec.: AVS	d.d. 08-apr-2019	Coord.: X= 66119.3 m Y= 442816.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.60 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT185



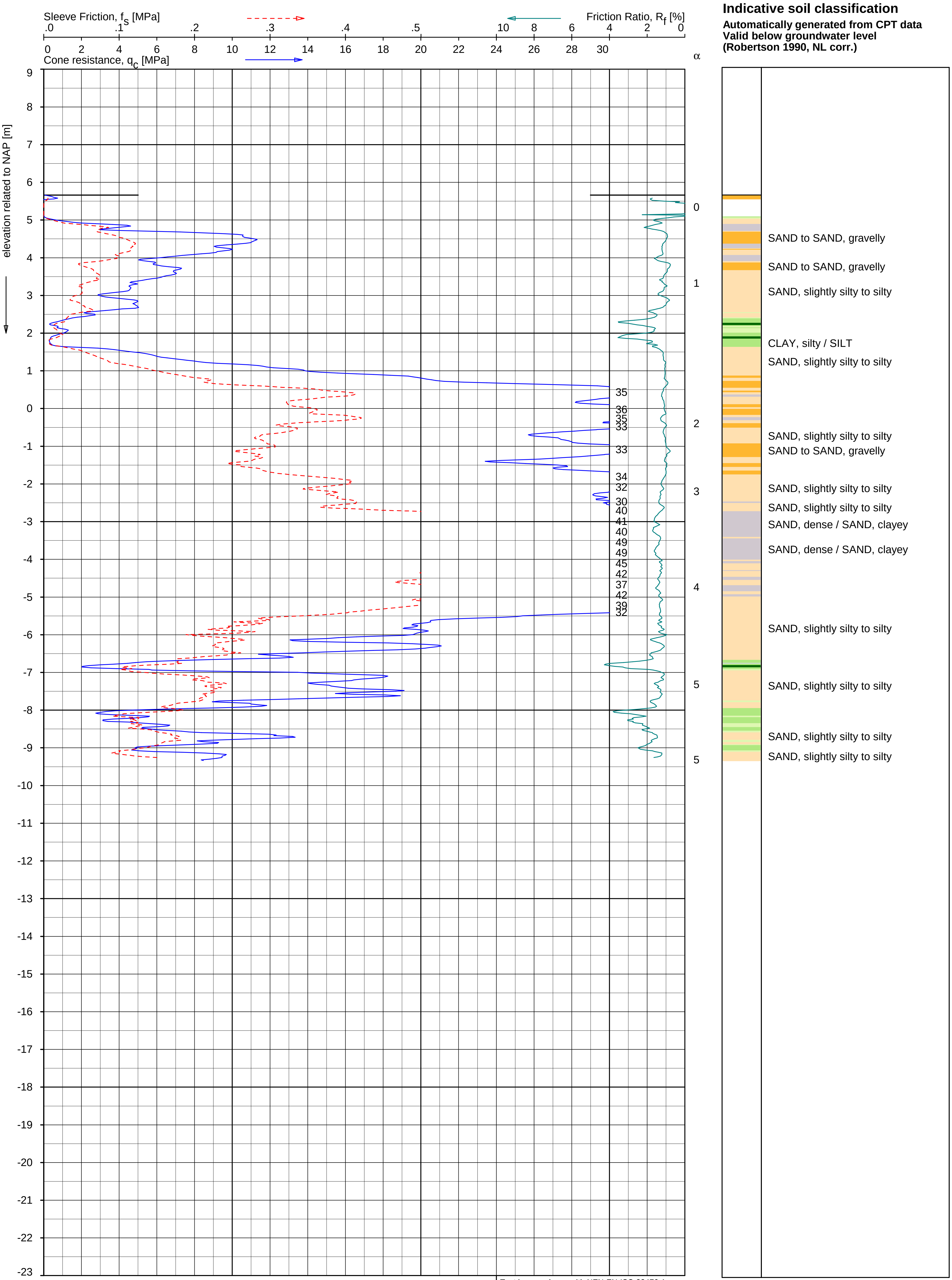


Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66137.5 m	Y= 442808.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.54 m	Cone: CP15-CF75SN2	1701-2851	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT186

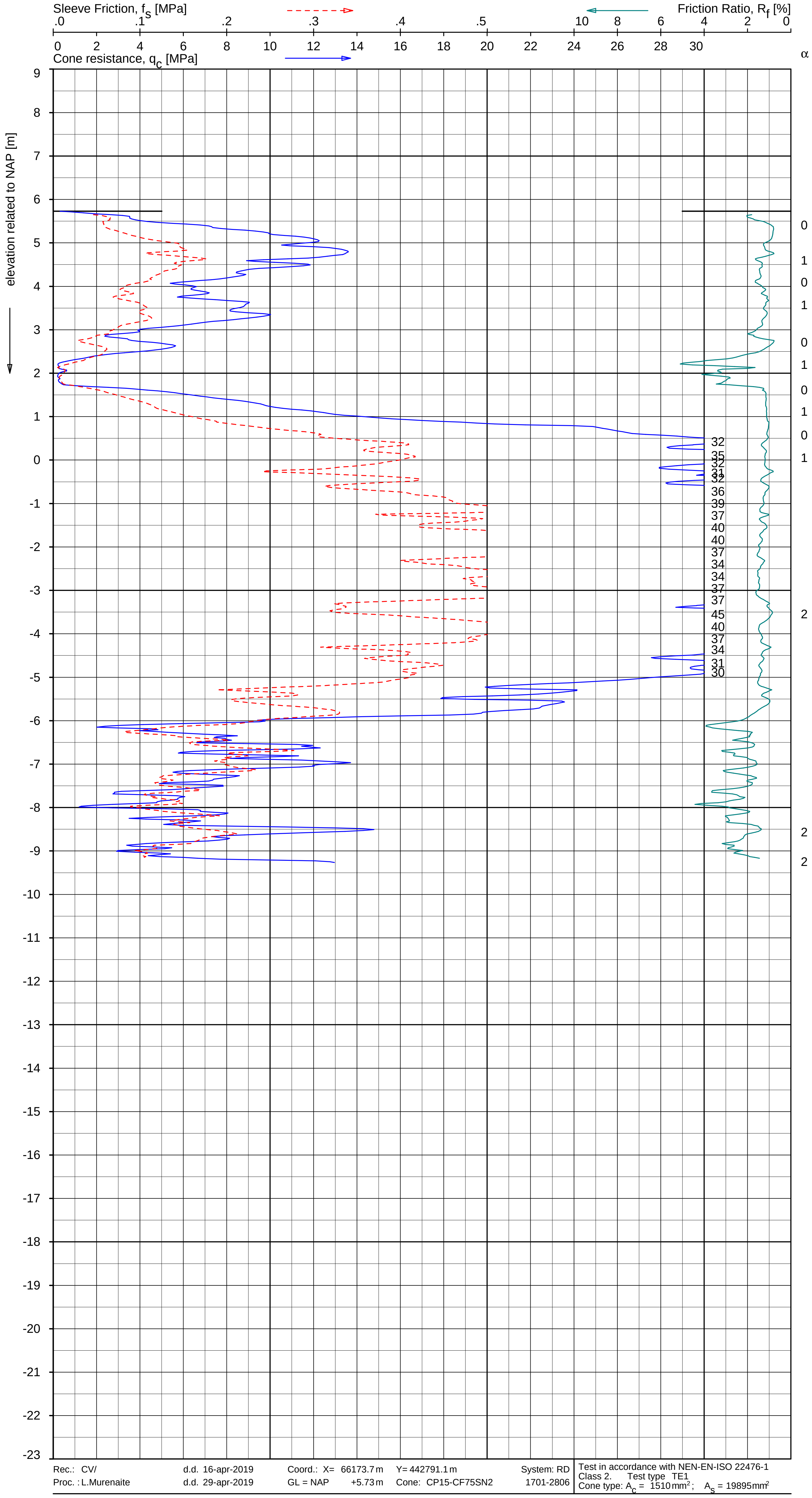


Rec.: GEV/	d.d. 12-apr-2019	Coord.: X= 66155.6 m	Y= 442799.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.66 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

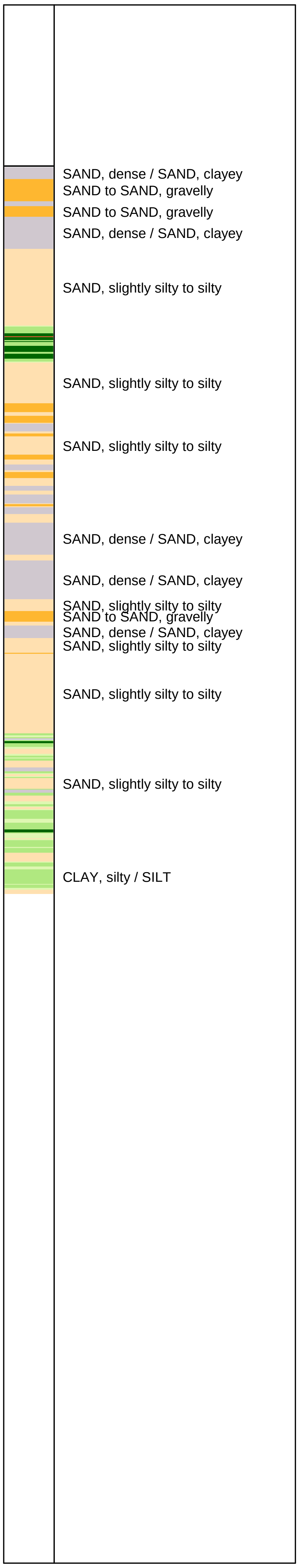
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT187



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



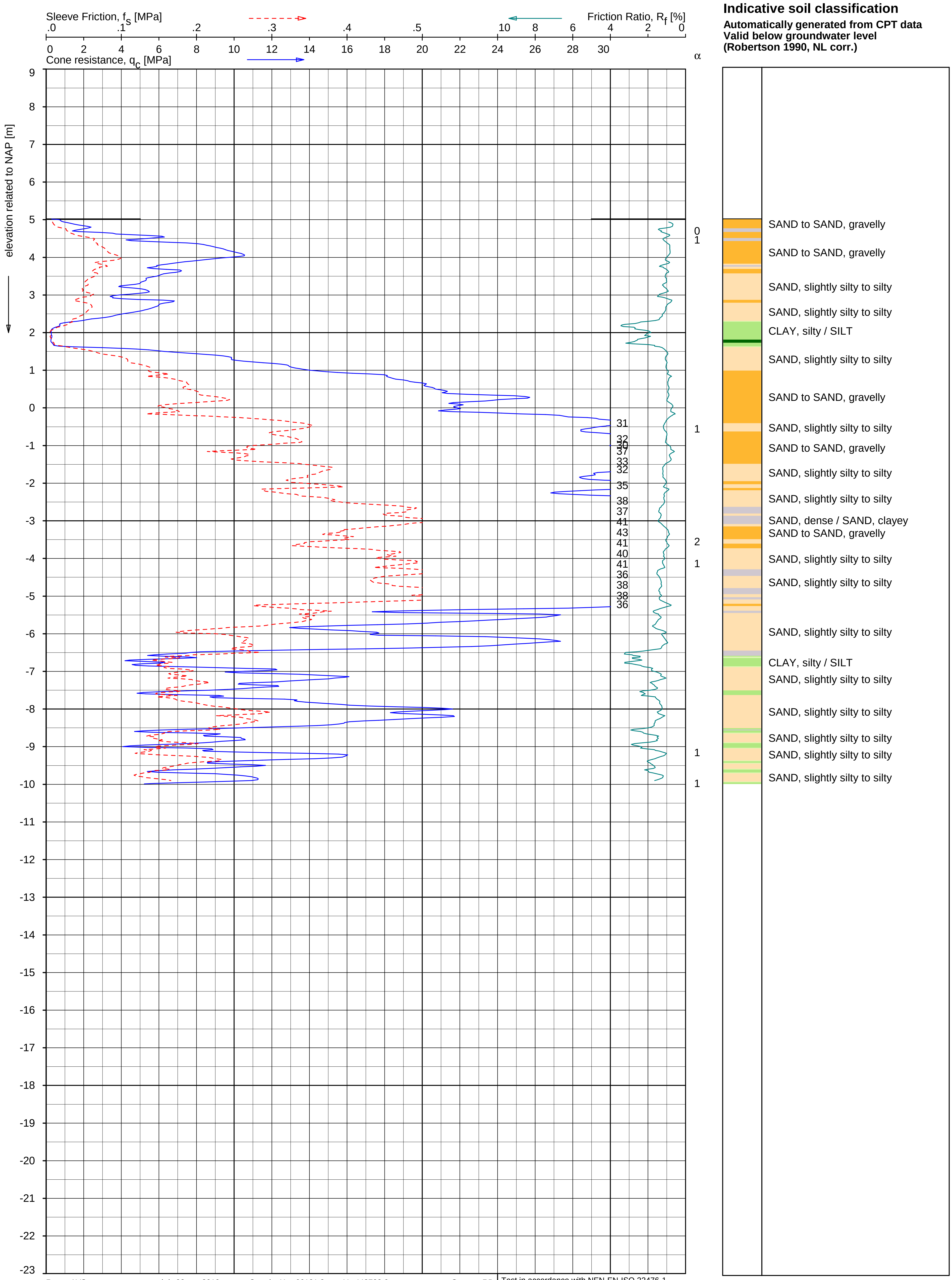
Rec.: CV/	d.d. 16-apr-2019	Coord.: X= 66173.7 m Y= 442791.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.73 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT188

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:35:52

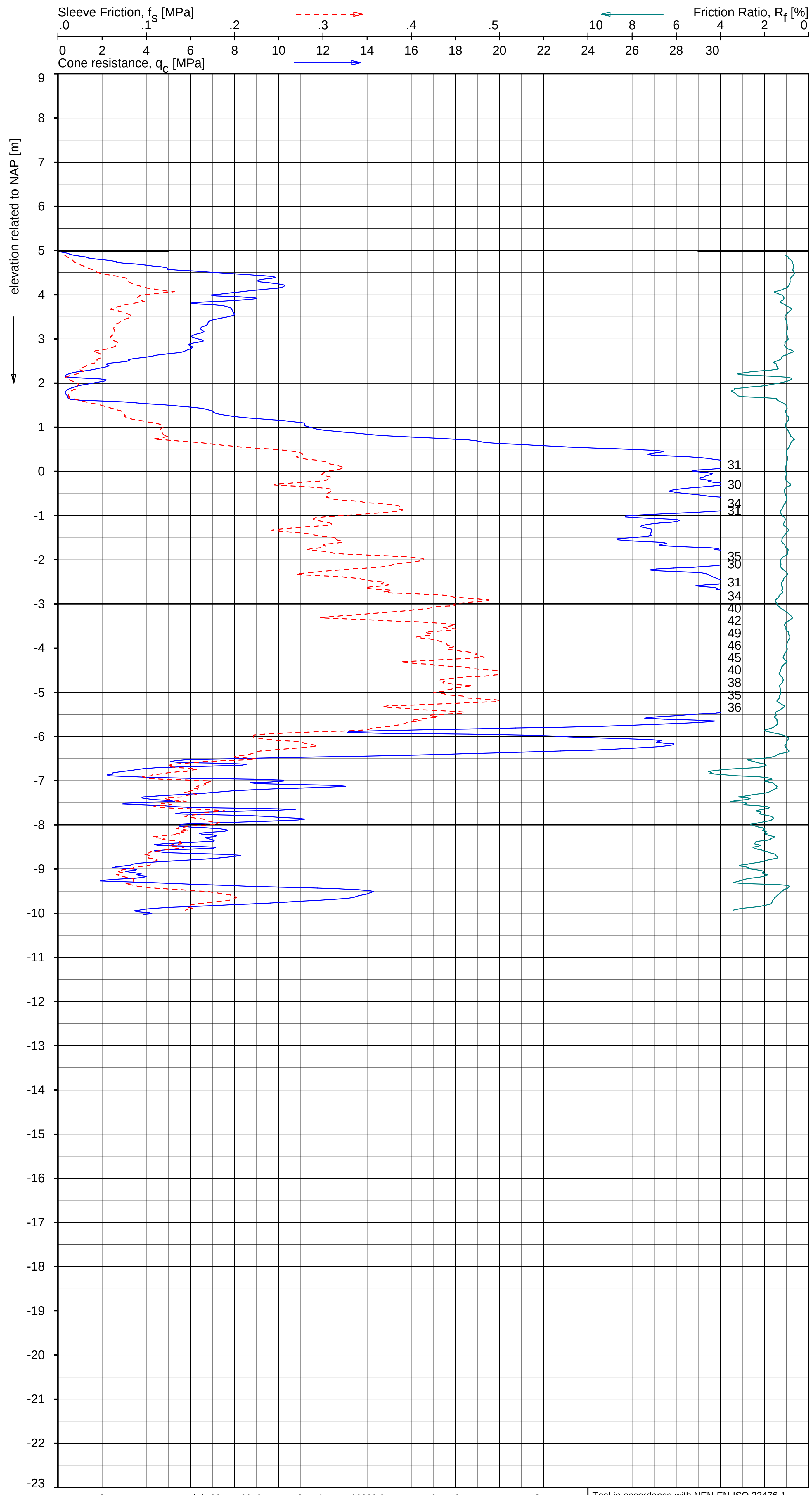


Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66191.8 m	Y= 442782.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

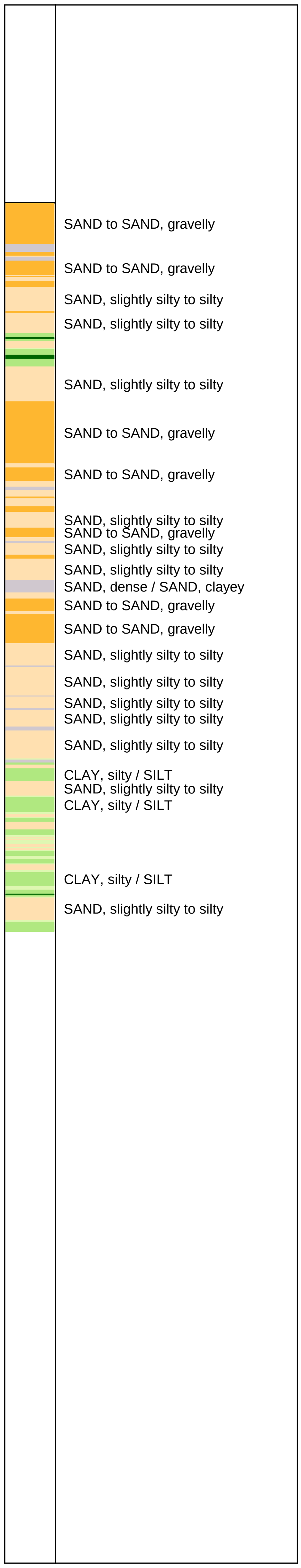
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT189



Indicative soil classification
Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

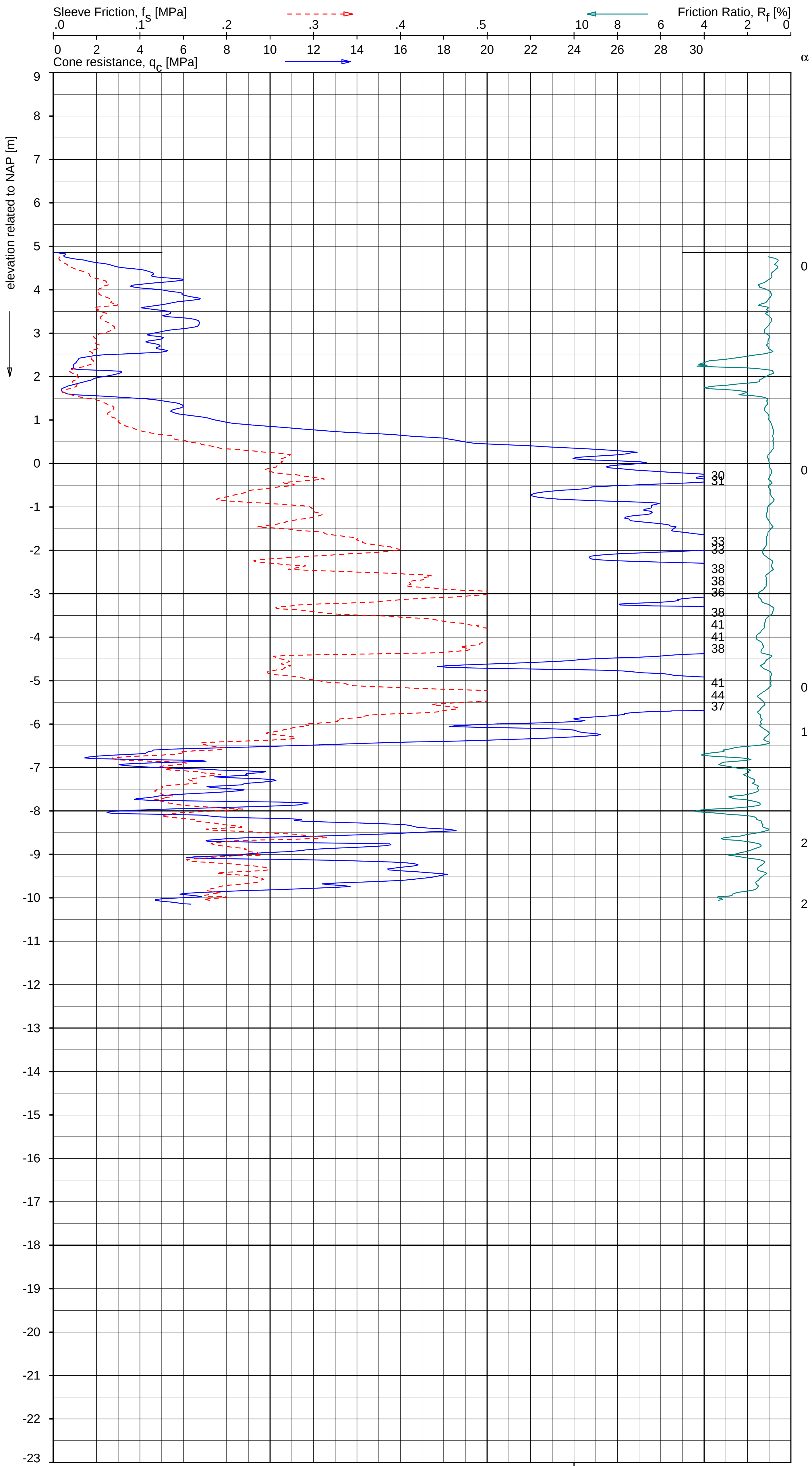


Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66209.9 m Y= 442774.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.97 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

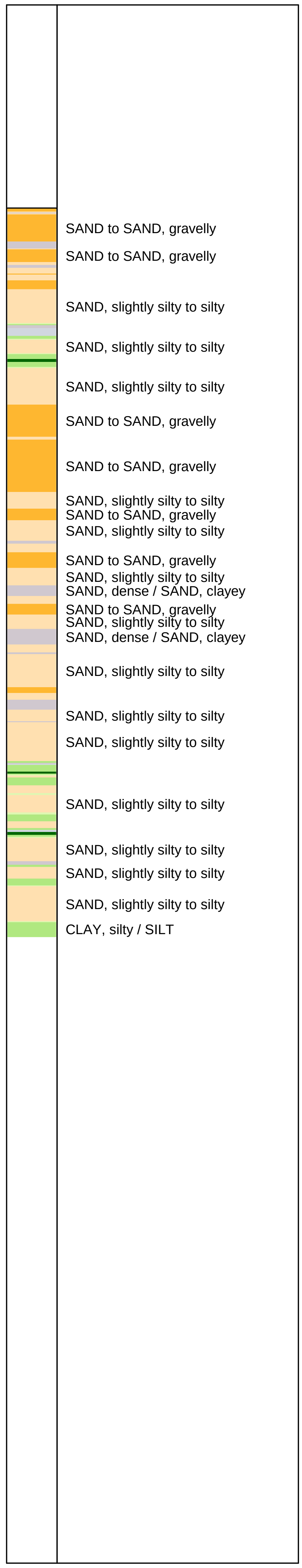
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT190



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

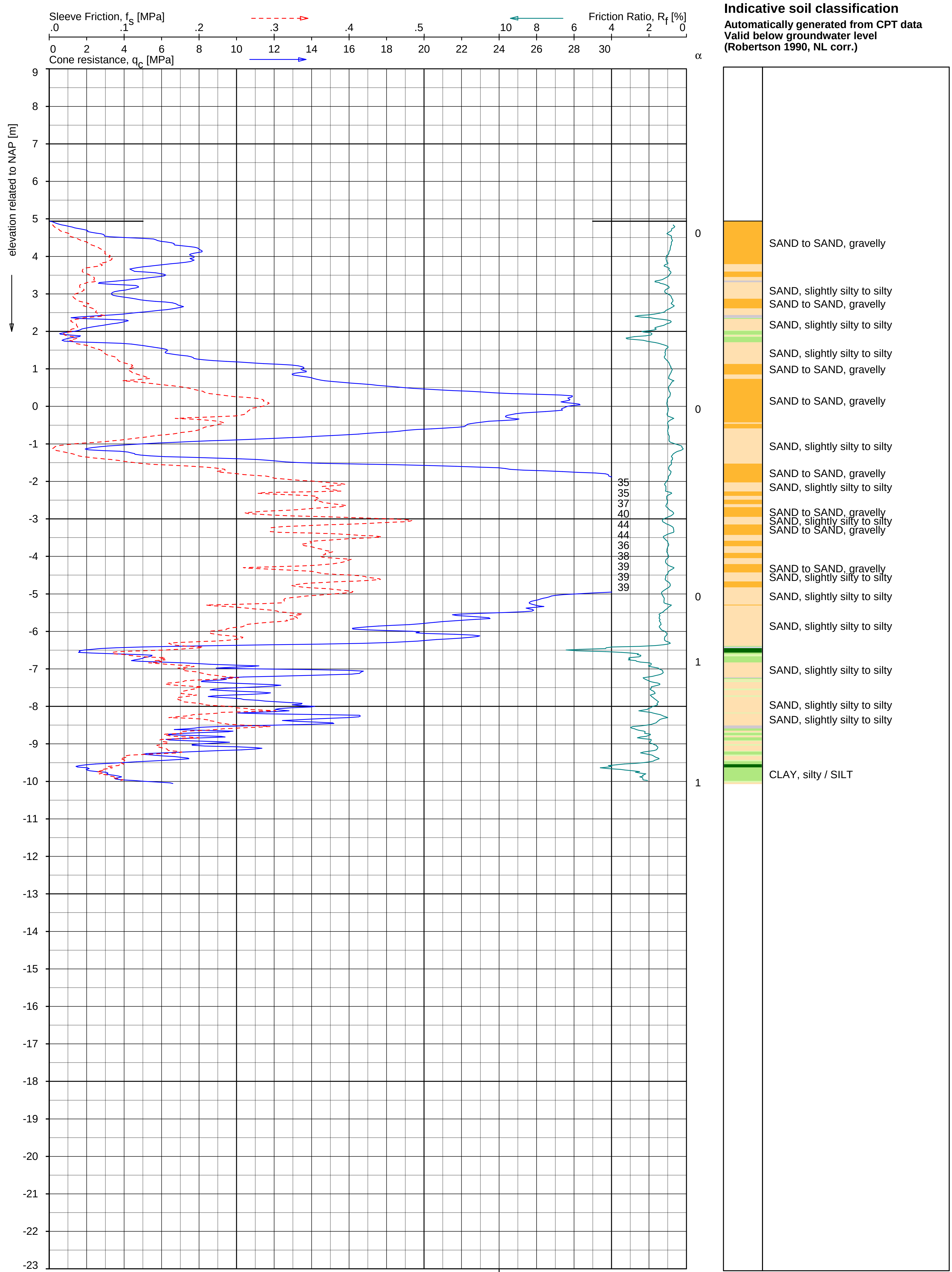


Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66228.1 m	Y= 442765.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +4.86 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT191

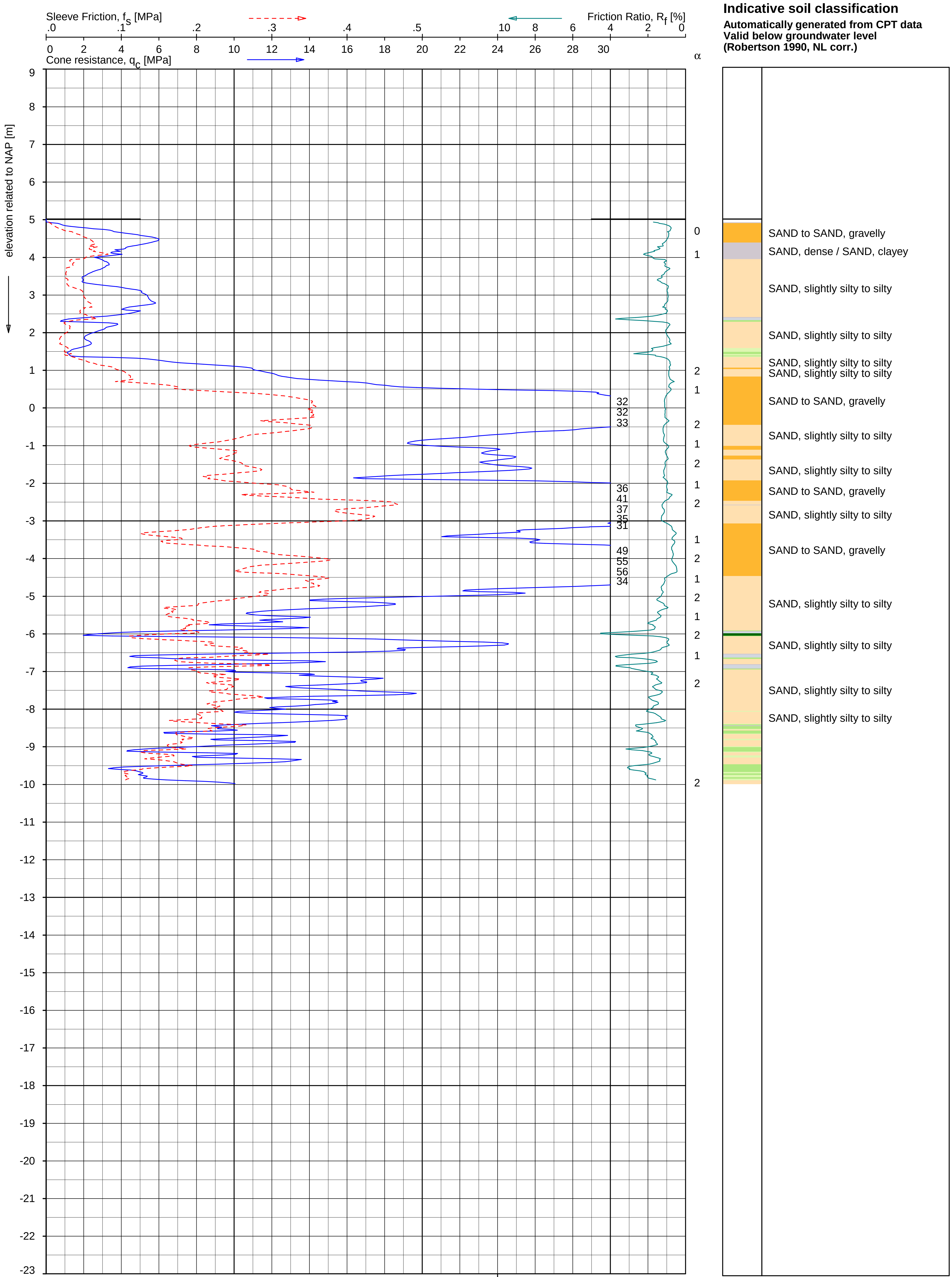


Rec.: AVS | d.d. 02-apr-2019 | Coord.: X= 66246.2 m | Y= 442757.2 m | System: RD | Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite | d.d. 29-apr-2019 | GL = NAP +4.94 m | Cone: CP15-CF75SN2 | 1701-1524 | Class 2. Test type TE1 | Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT192

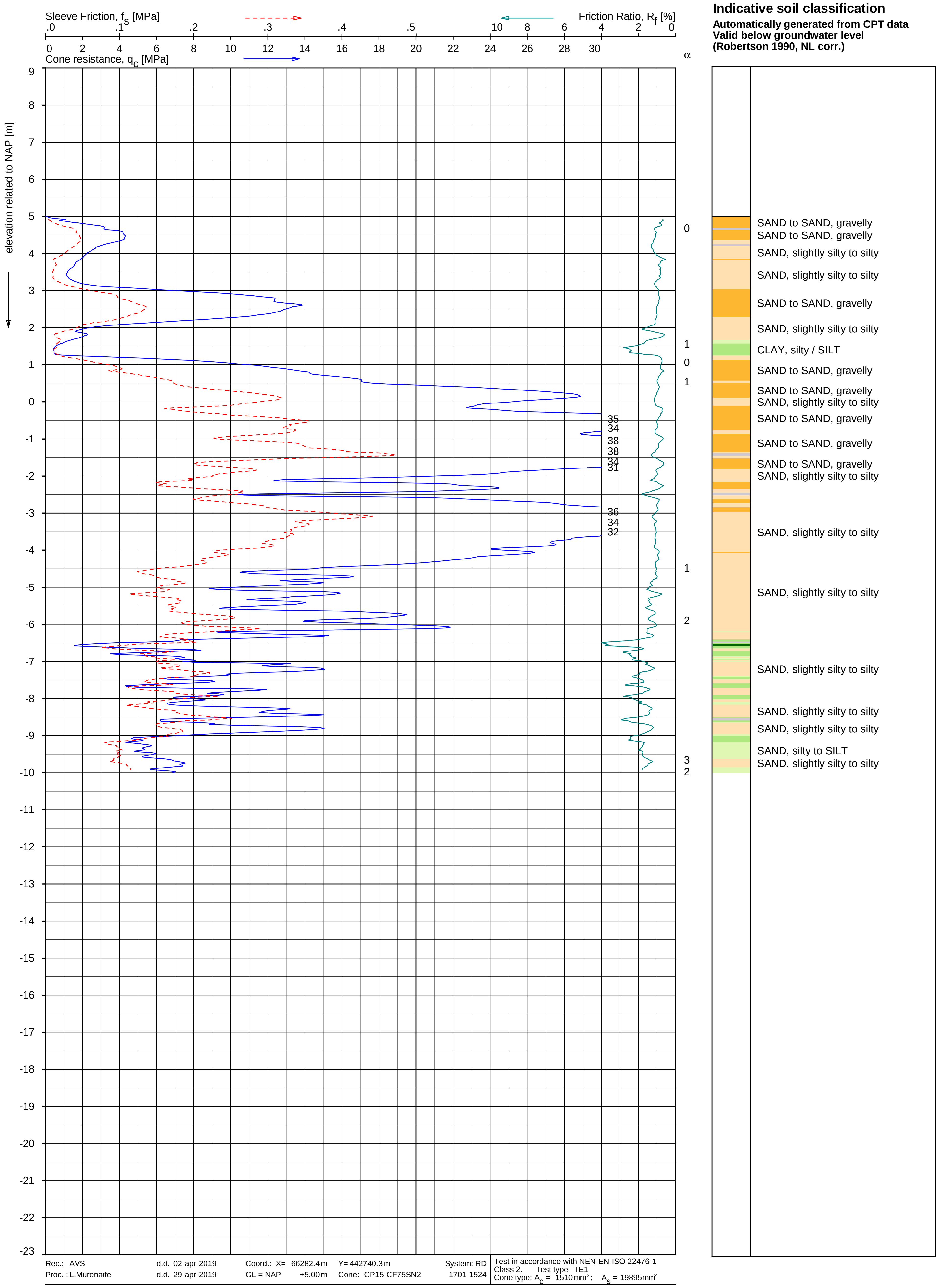


Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66264.3 m Y= 442748.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT193

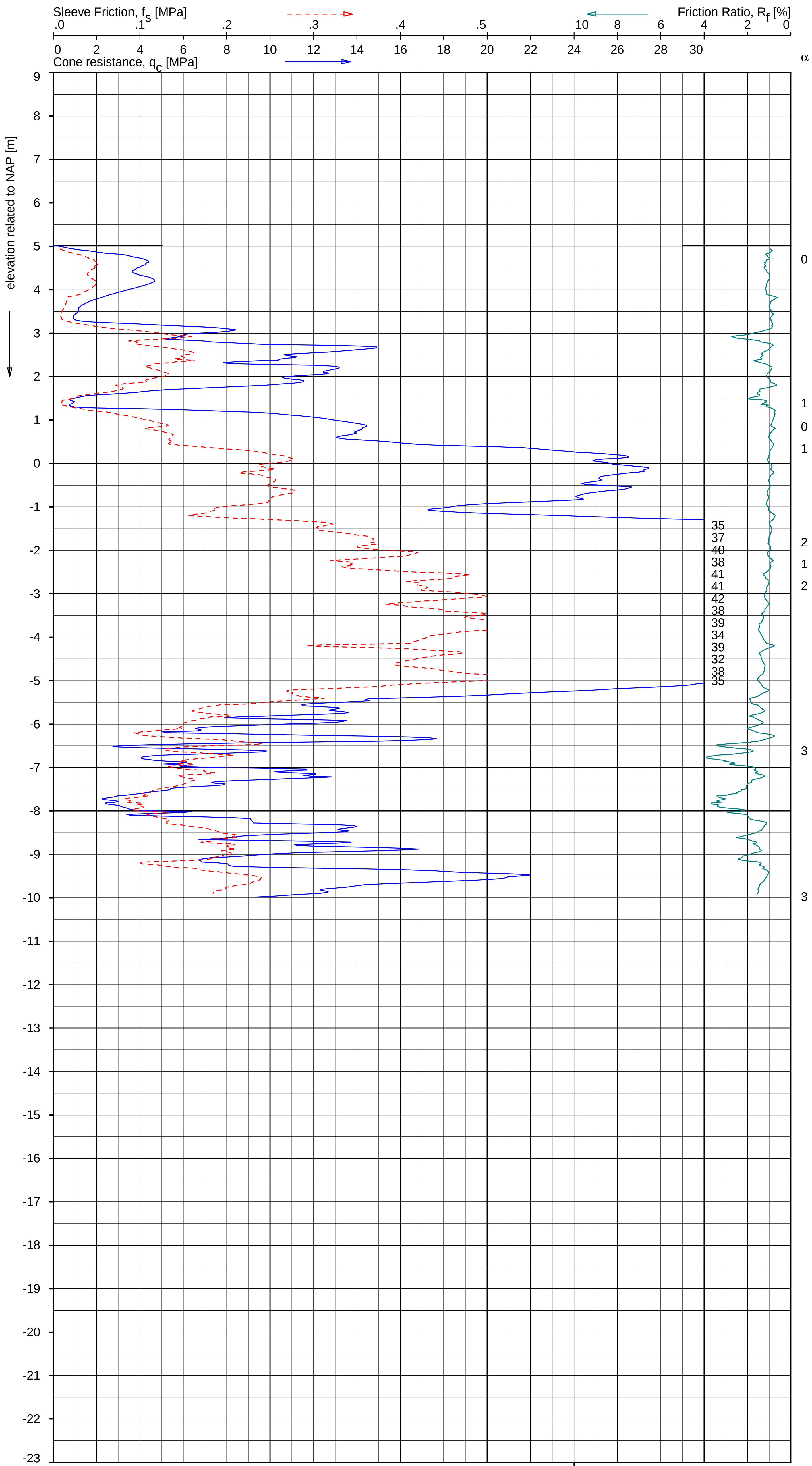


Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66282.4 m Y= 442740.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.00 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

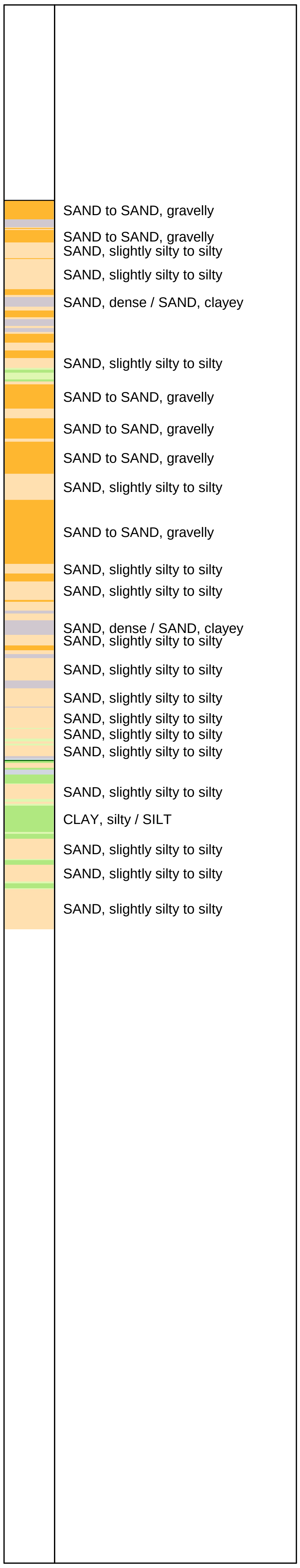
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT194



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:39:10

1018-0481-001

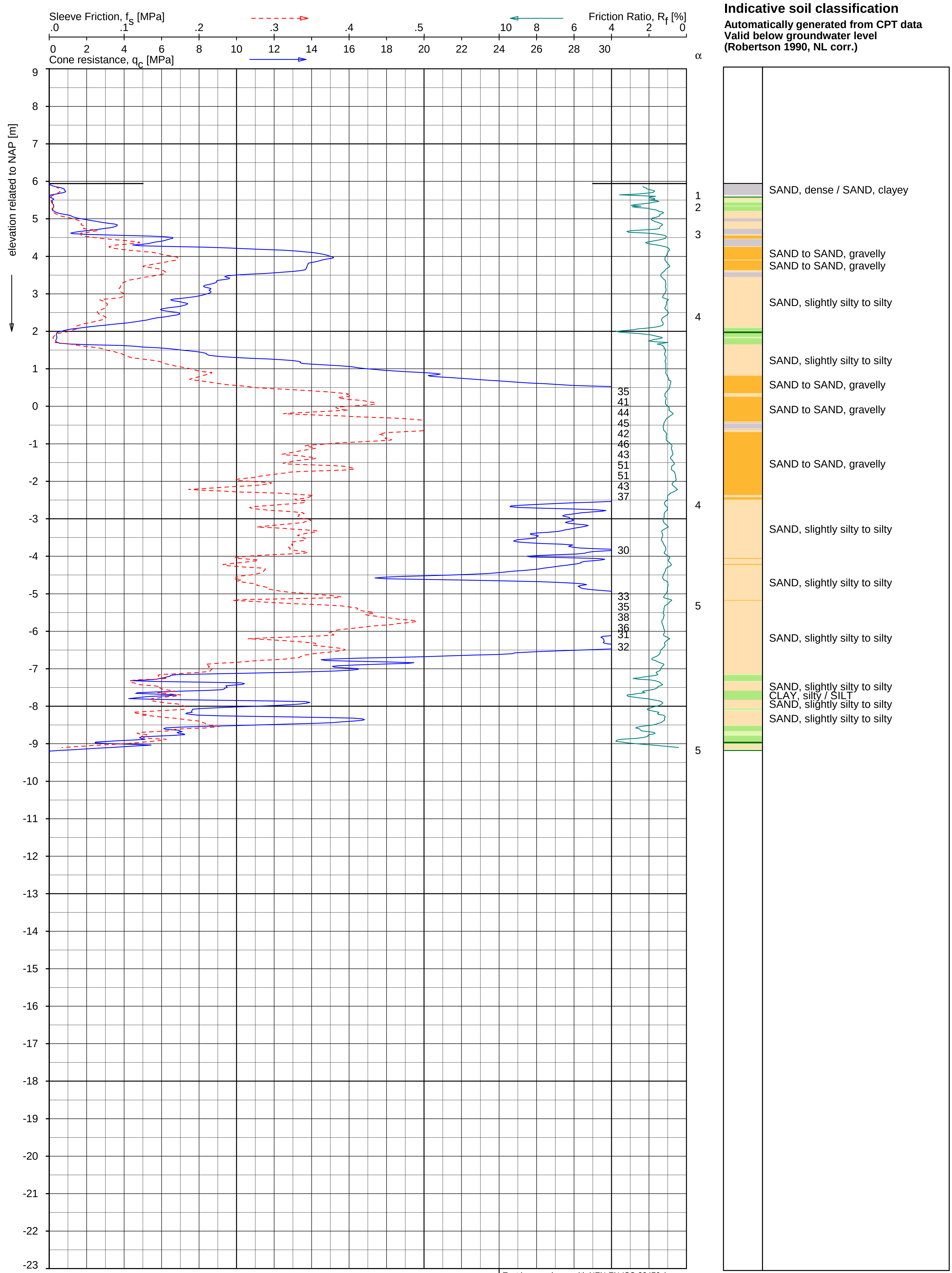
CPT195 - 1

Rec.: AVS	d.d. 02-apr-2019	Coord.: X= 66300.6 m Y= 442731.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT195

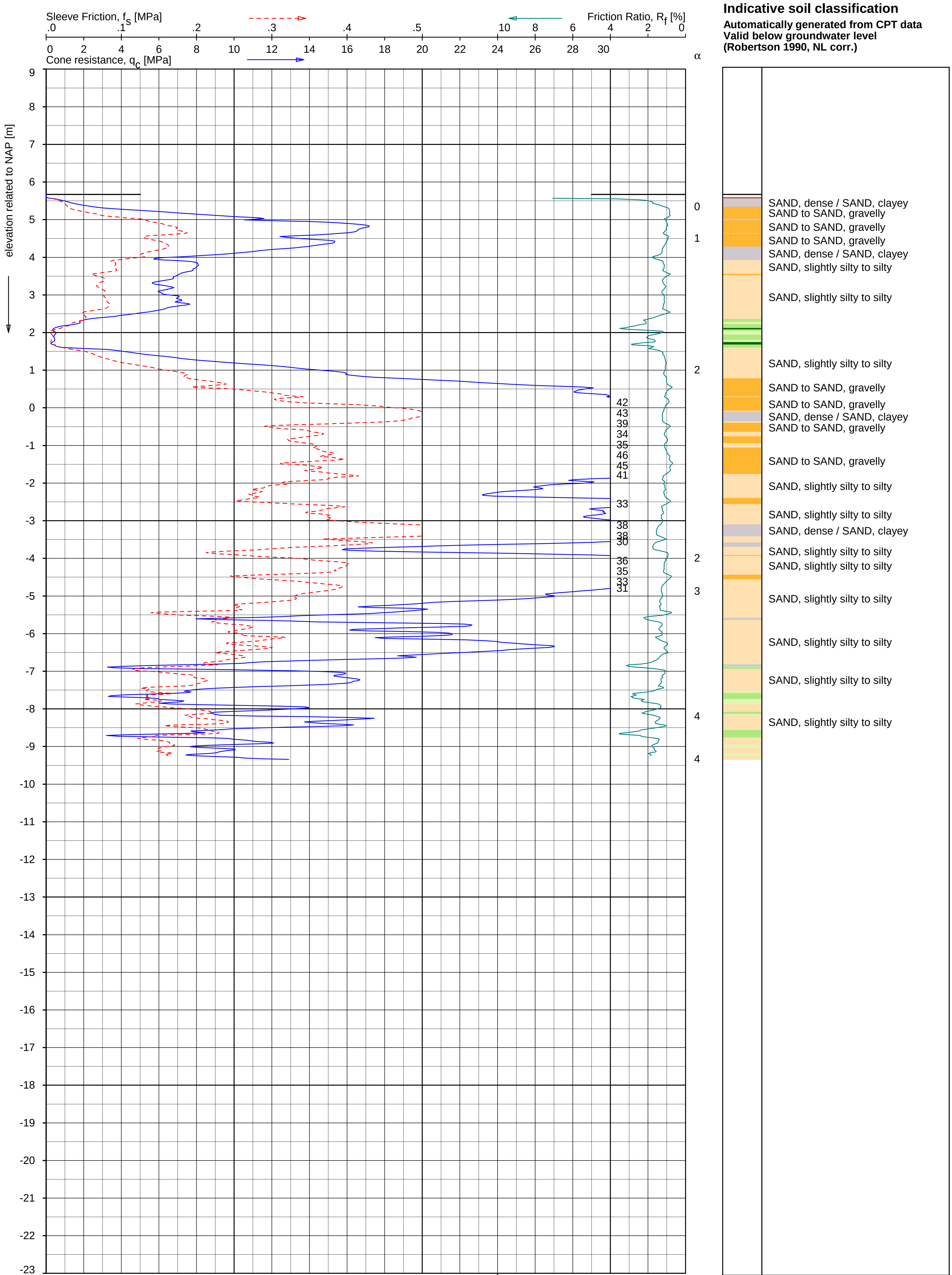


Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66074.7 m Y= 442815.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.94 m Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT196



Rec.: AVS Proc. : L.Murenaite	d.d. 08-apr-2019 d.d. 29-apr-2019	Coord.: X= 66092.8 m Y= 442806.8 m GL = NAP +5.67 m Cone: CP15-CF75SN2	System: RD 1701-2674	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

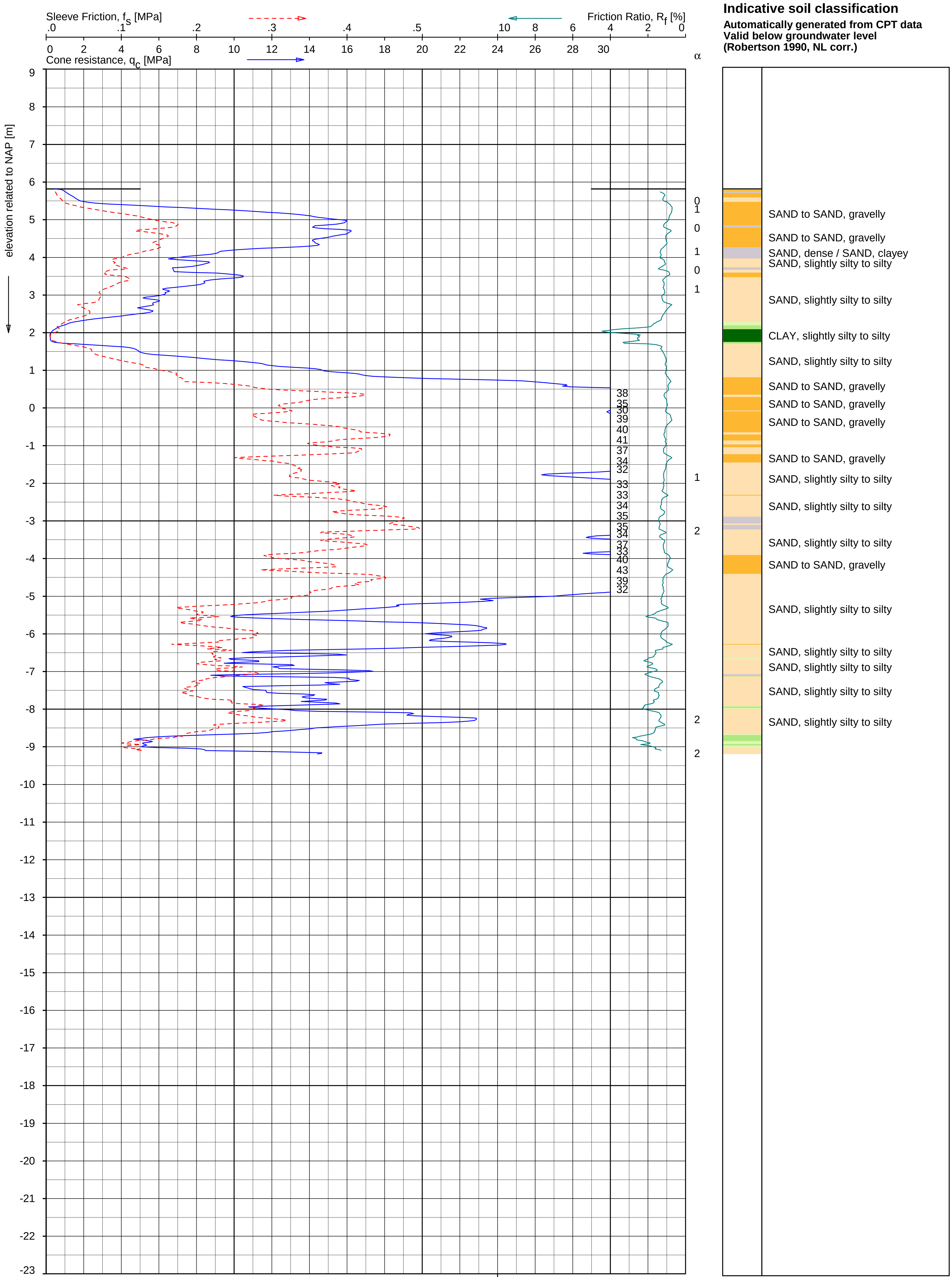
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT197

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 11:38:06

Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

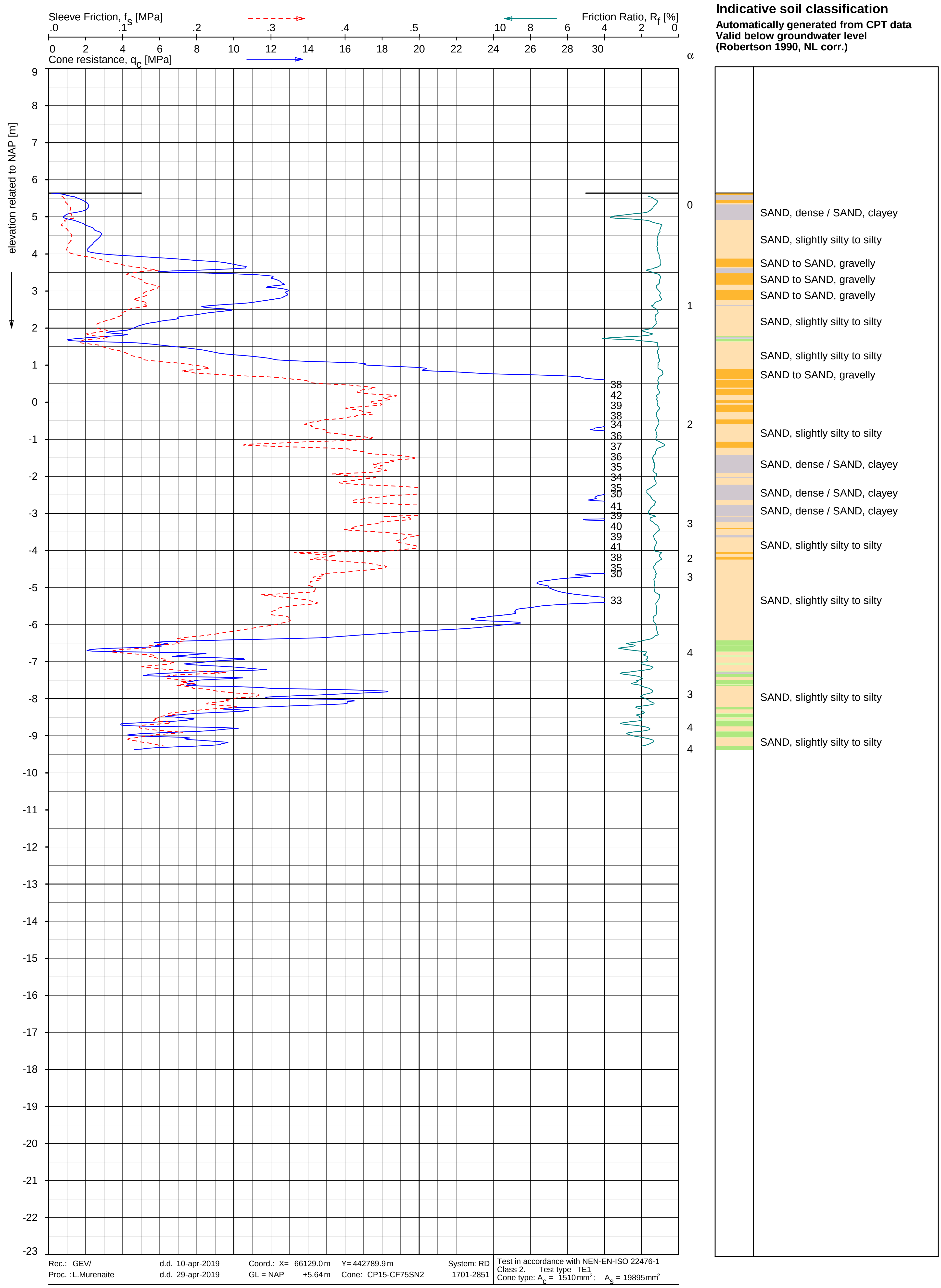


Rec.: AVS	d.d. 08-apr-2019	Coord.: X= 66110.9 m	Y= 442798.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.82 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT198



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1018-0481-001

CPT199 - 1

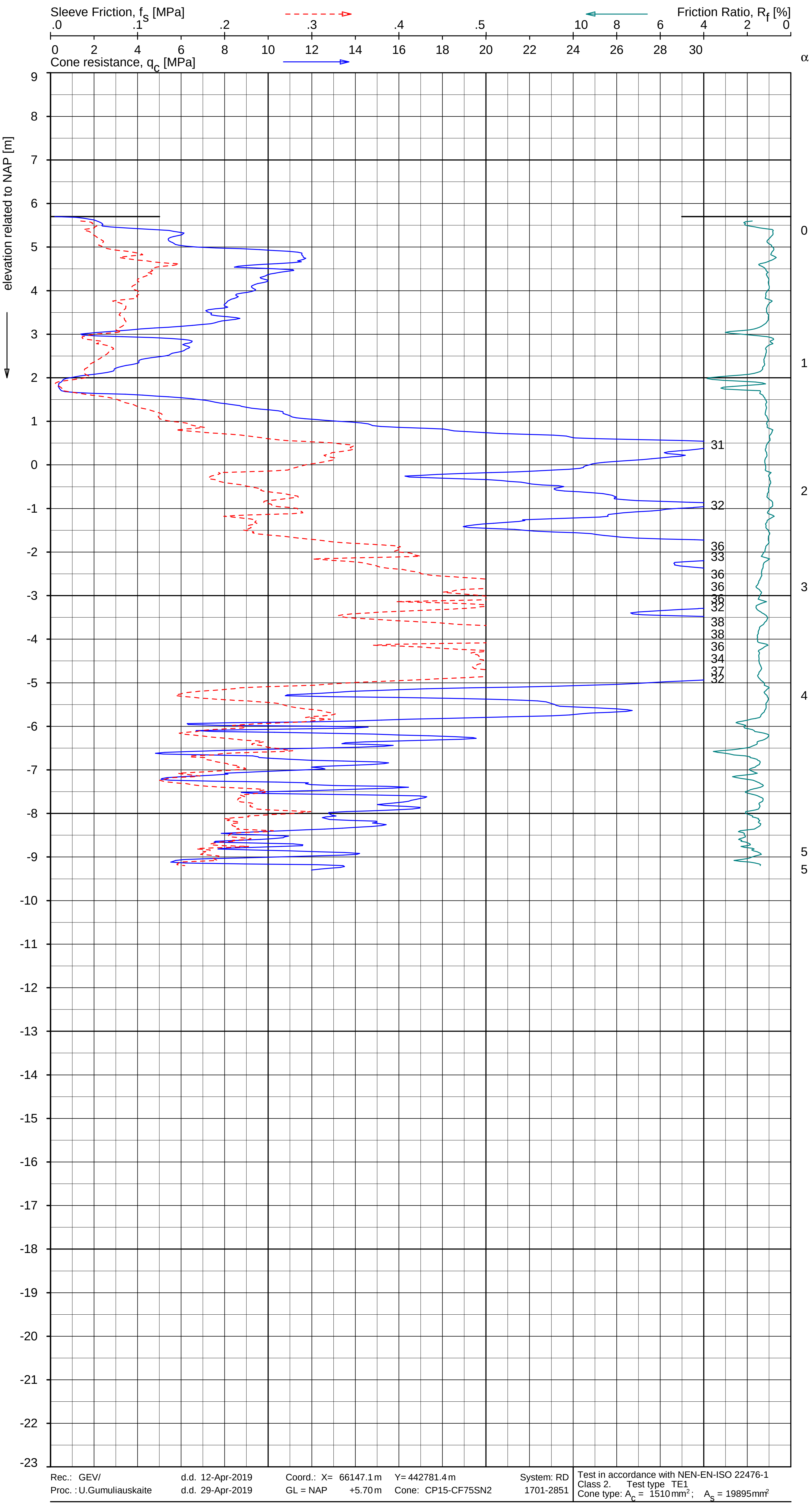
Rec.: GEV/	d.d. 10-apr-2019	Coord.: X= 66129.0 m Y= 442789.9 m	System: RD
Proc.: L.Murenaite	d.d. 29-apr-2019	GL = NAP +5.64 m Cone: CP15-CF75SN2	1701-2851

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

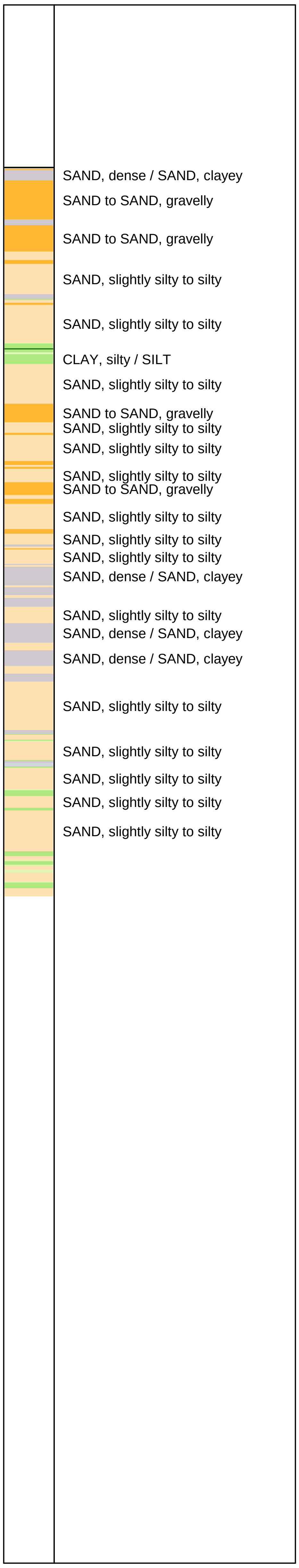
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT199



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



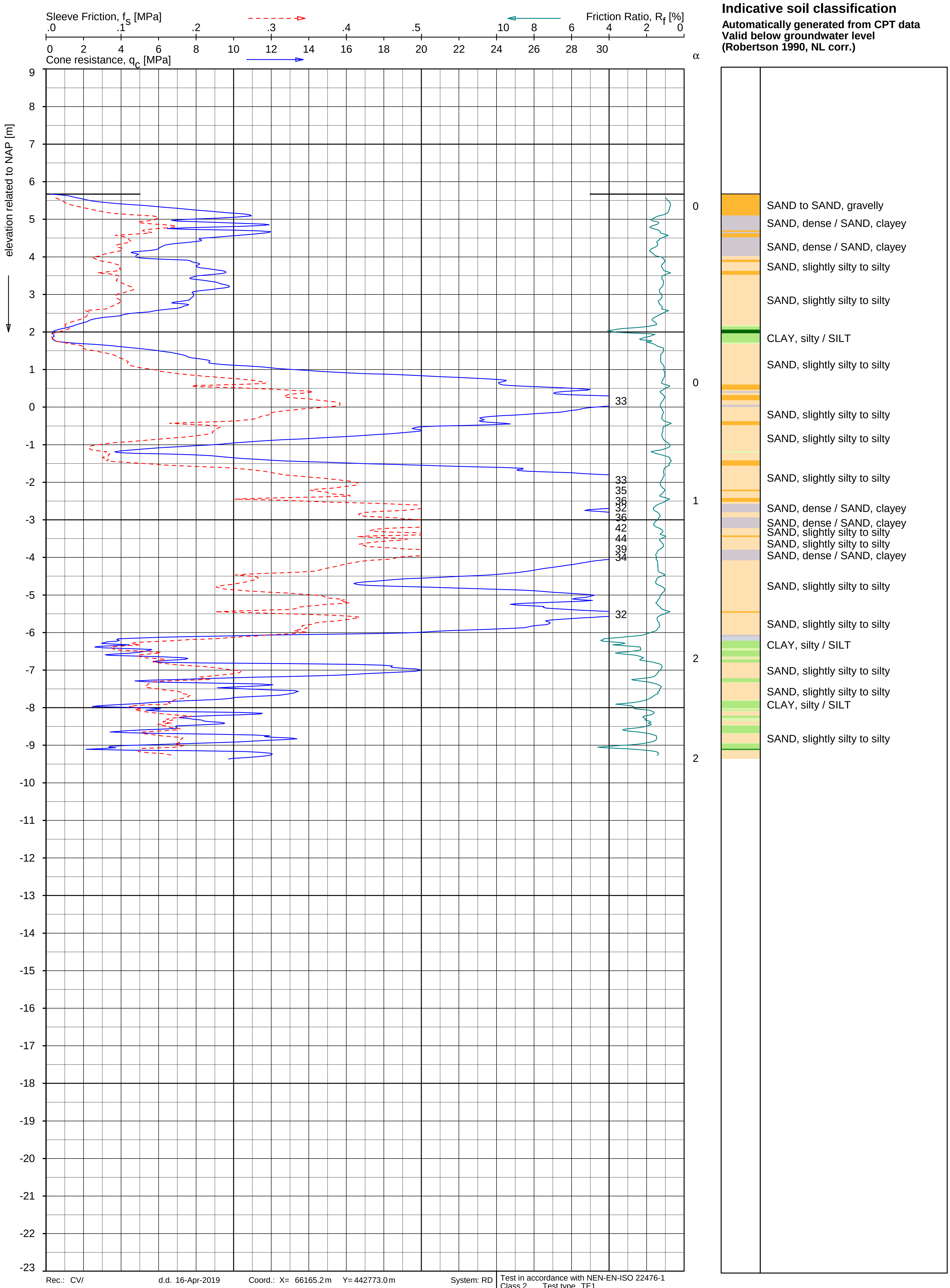
Rec.: GEV/	d.d. 12-Apr-2019	Coord.: X= 66147.1 m	Y= 442781.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.70 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT200

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:20



Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66165.2 m	Y= 442773.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.67 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

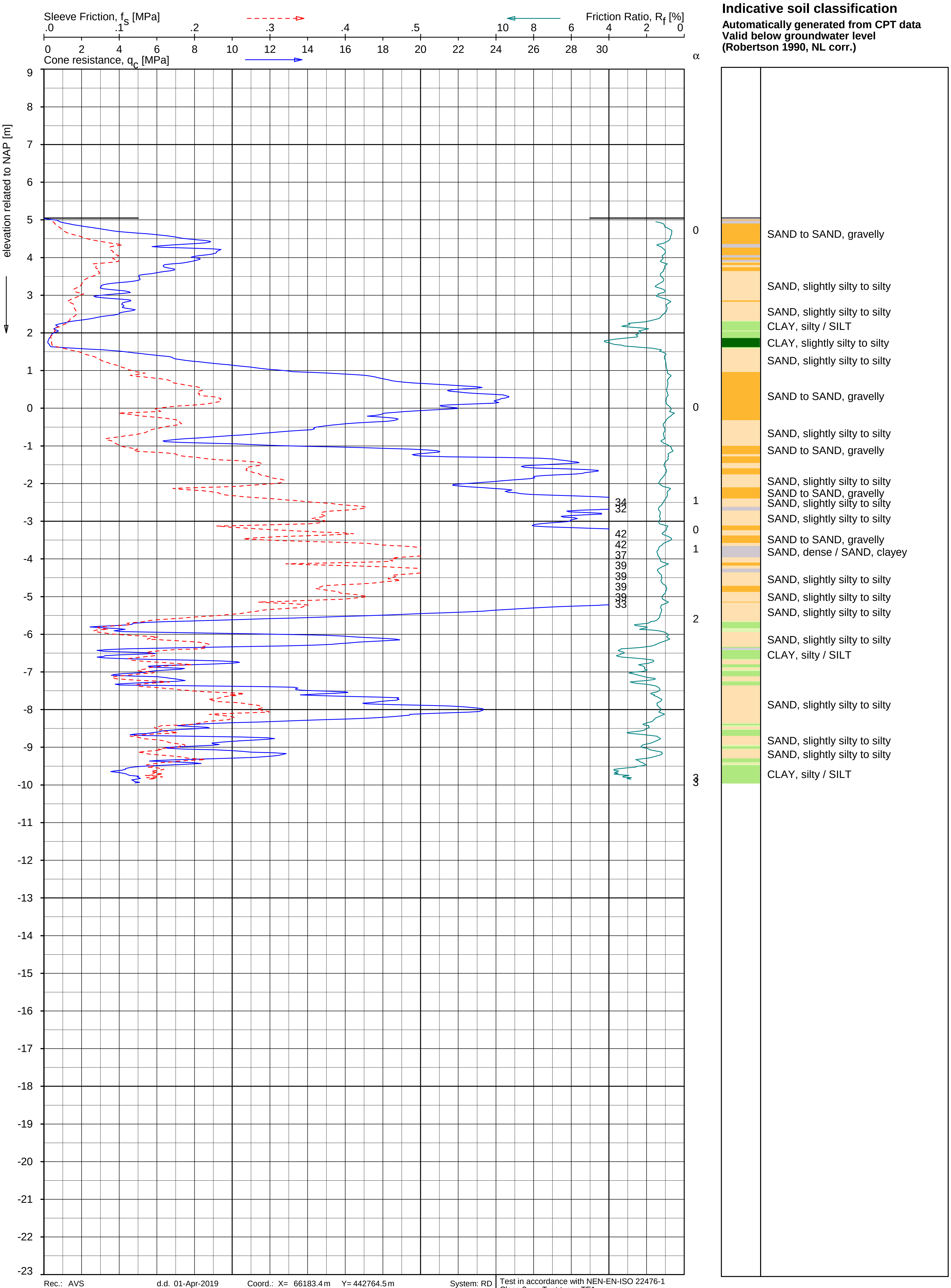
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT201

1018-0481-001

CPT201 - 1

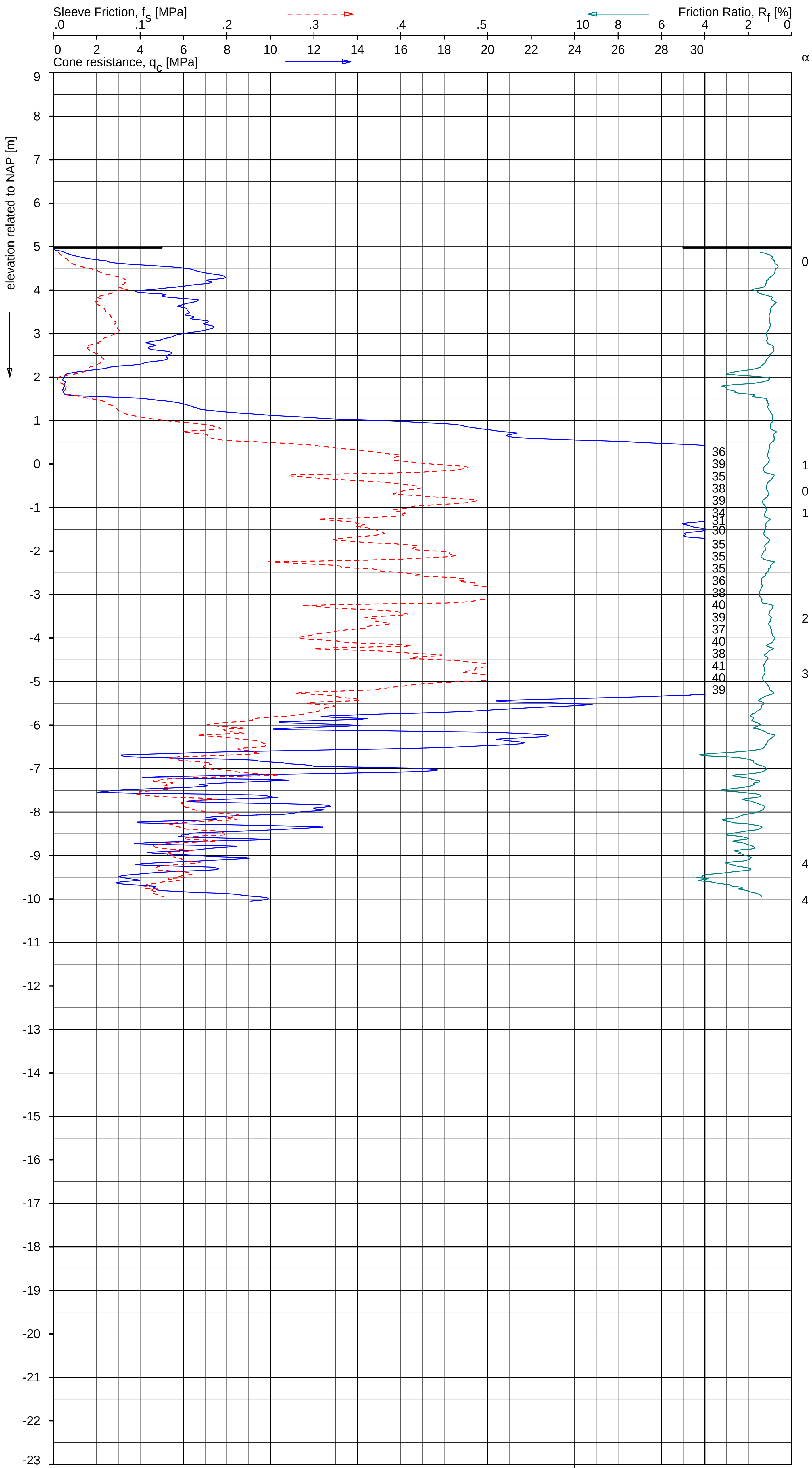


Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66183.4 m Y= 442764.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.05 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

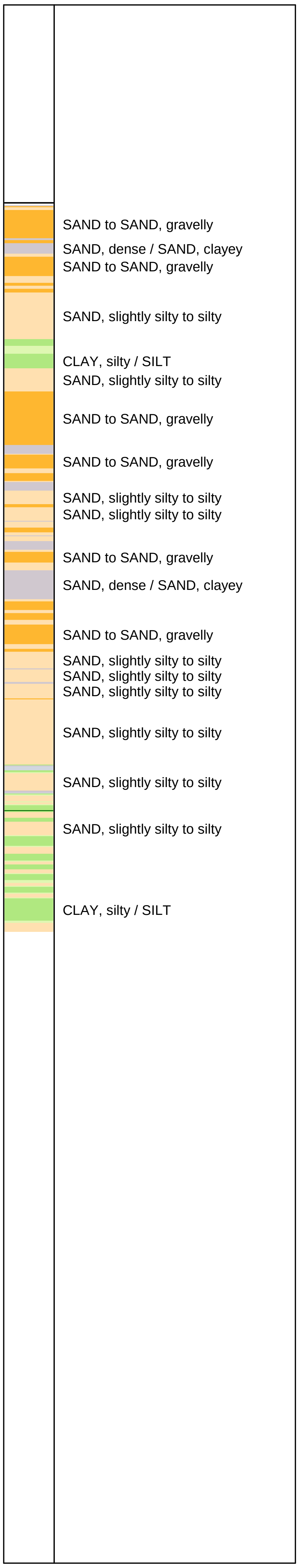
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT202



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



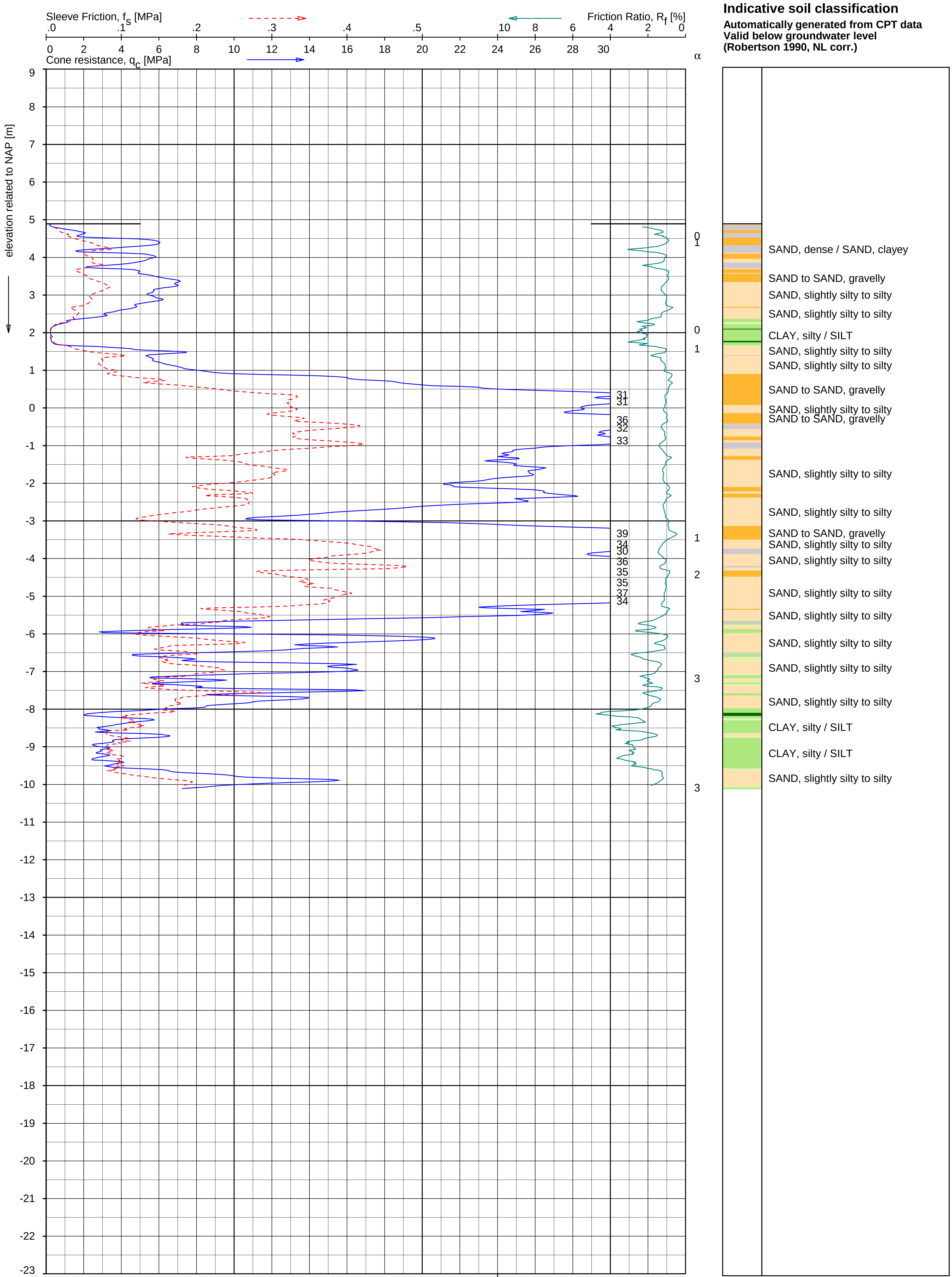
Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66201.5 m	Y= 442756.0 m	System: RD
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.97 m	Cone: CP15-CF75SN2	1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT203



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:04:47

1018-0481-001

CPT204 - 1

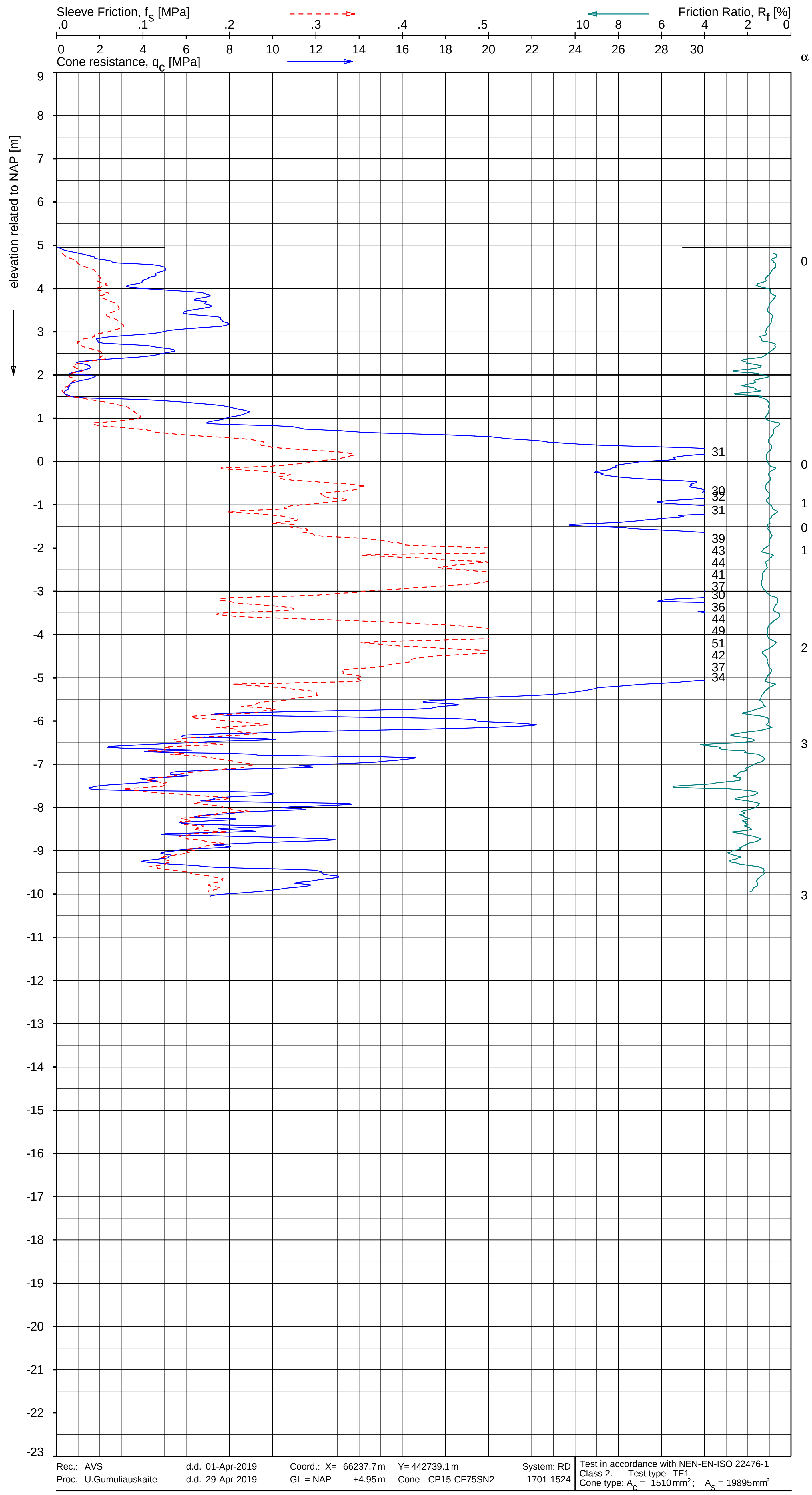
Rec.: AVS d.d. 01-Apr-2019 Coord.: X= 66219.6 m Y= 442747.6 m System: RD
Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.89 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

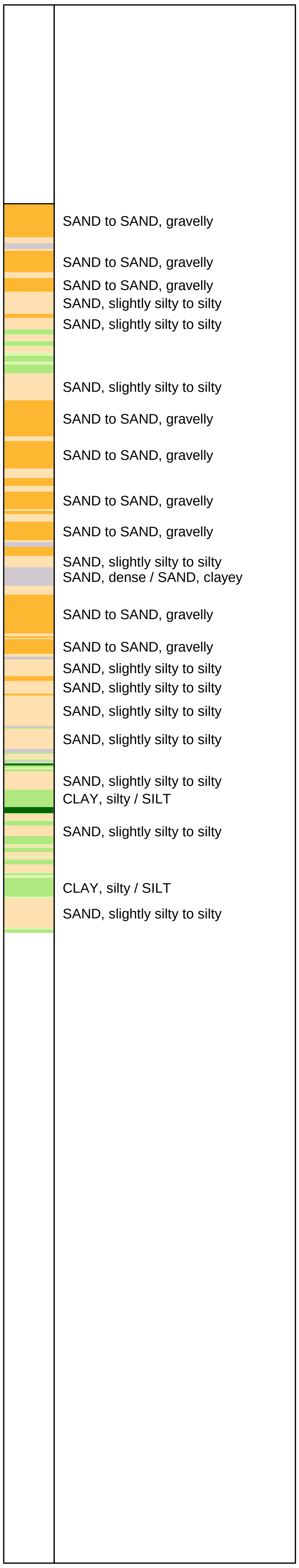
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT204



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66237.7 m Y= 442739.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.95 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

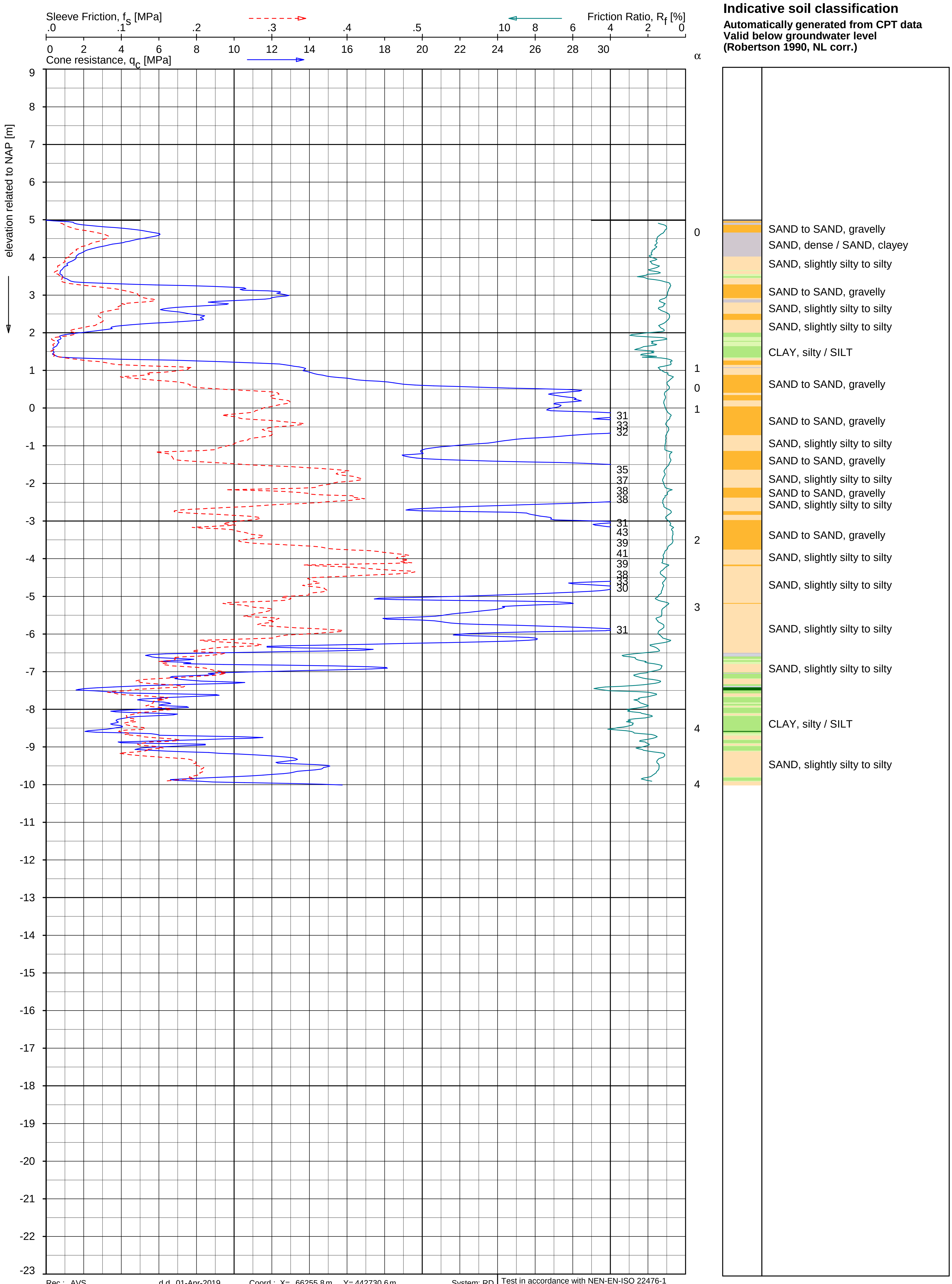
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT205

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:03:01

1018-0481-001

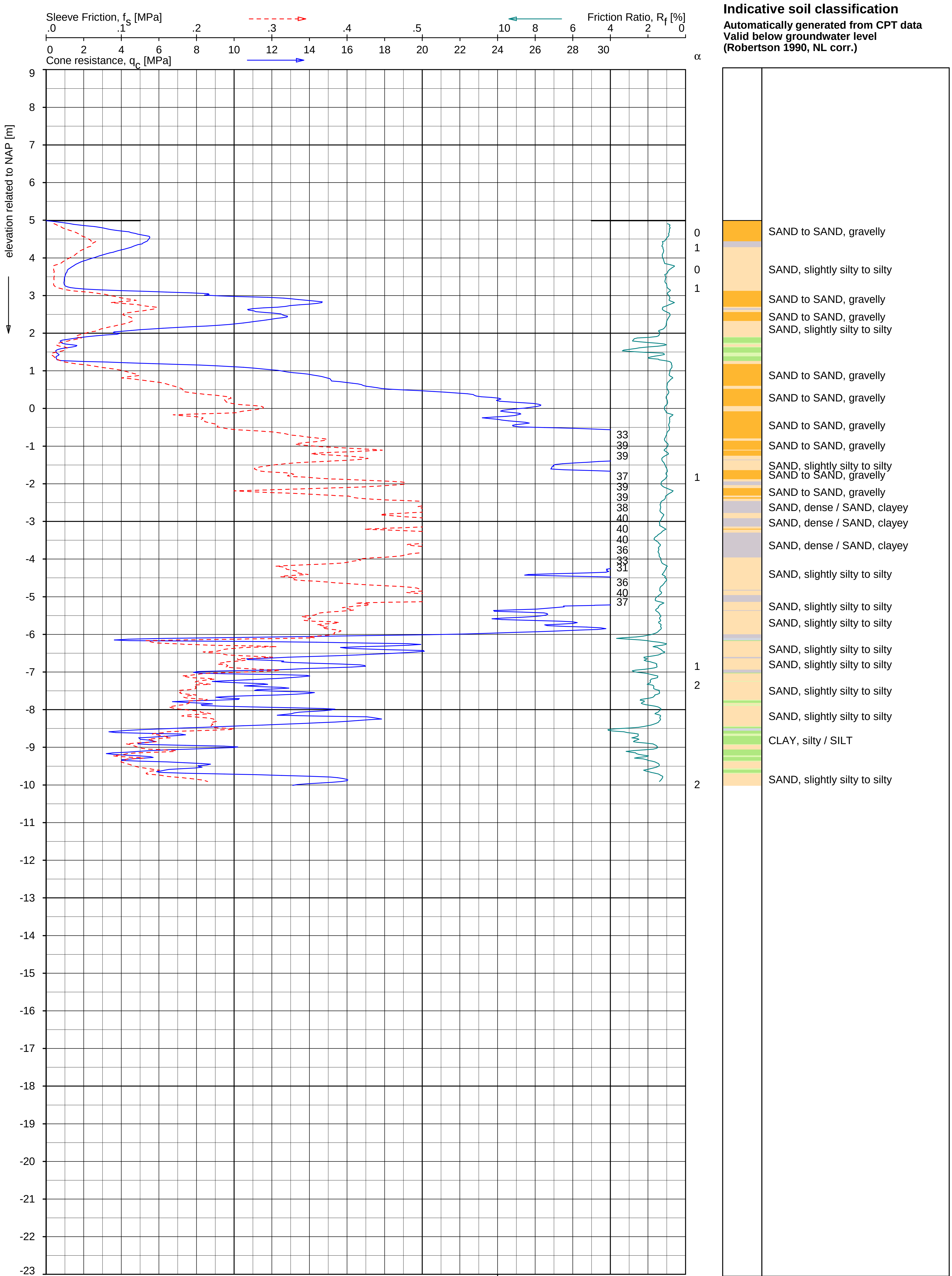


Rec.: AVS Proc. : U.Gumuliauskaite	d.d. 01-Apr-2019 d.d. 29-Apr-2019	Coord.: X= 66255.8 m Y= 442730.6 m GL = NAP +4.99 m Cone: CP15-CF75SN2	System: RD 1701-1524
Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2			

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT206

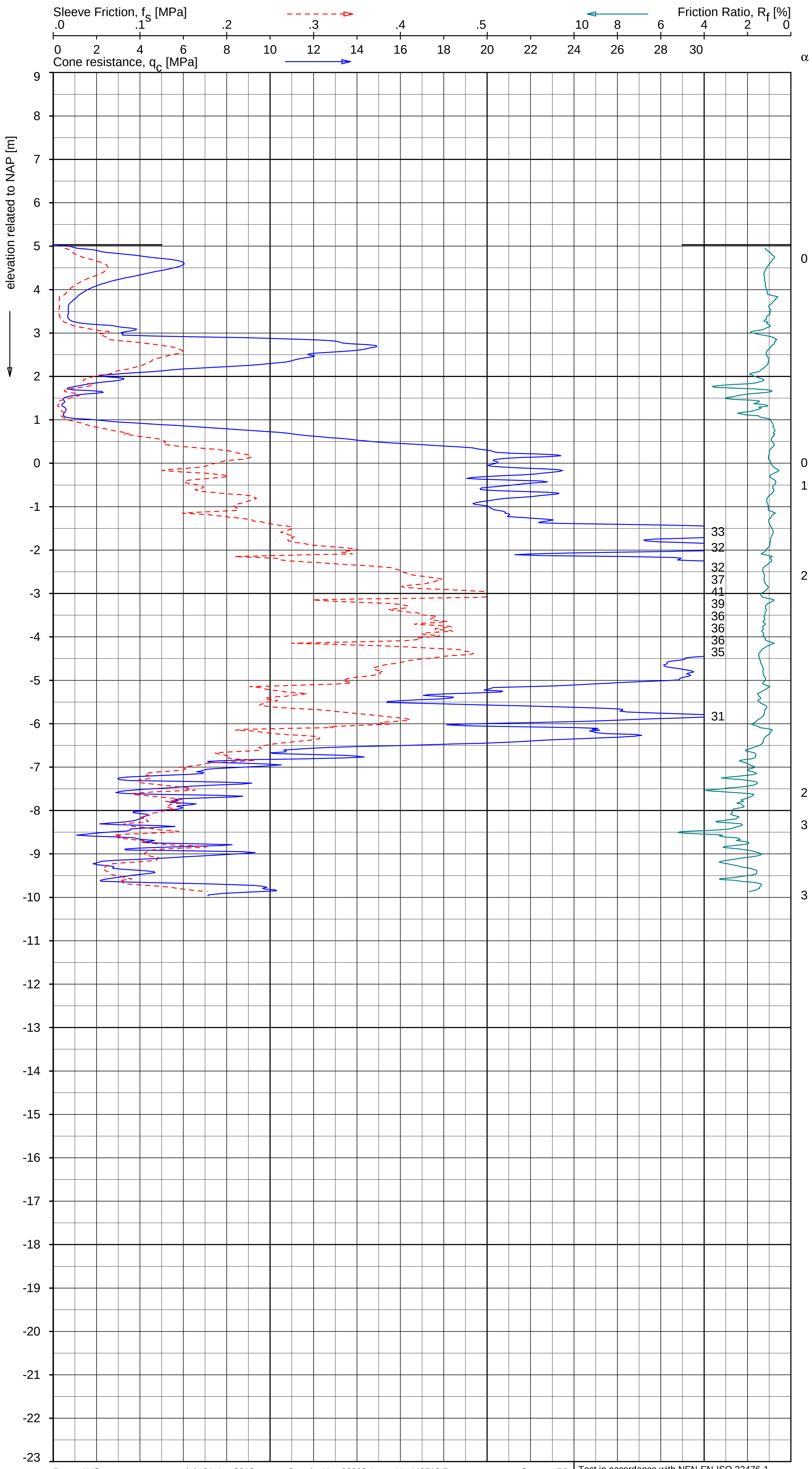


Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66274.0 m	Y= 442722.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

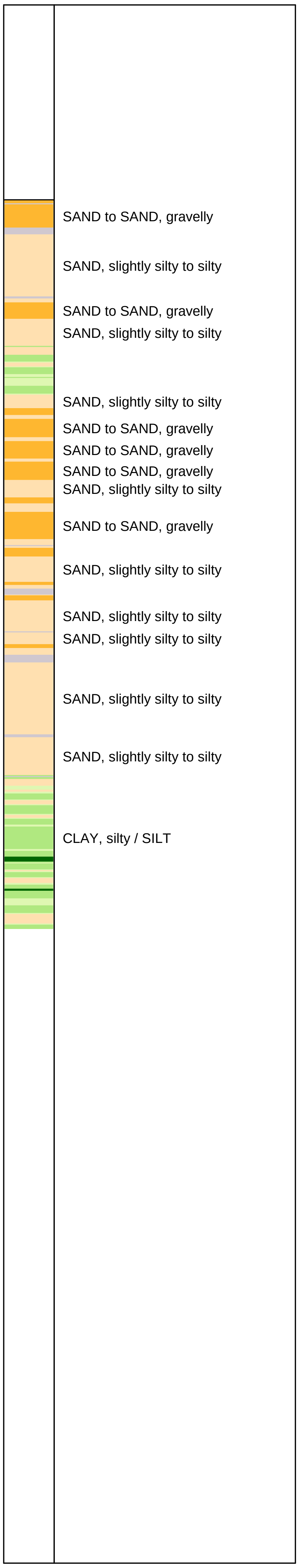
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT207



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



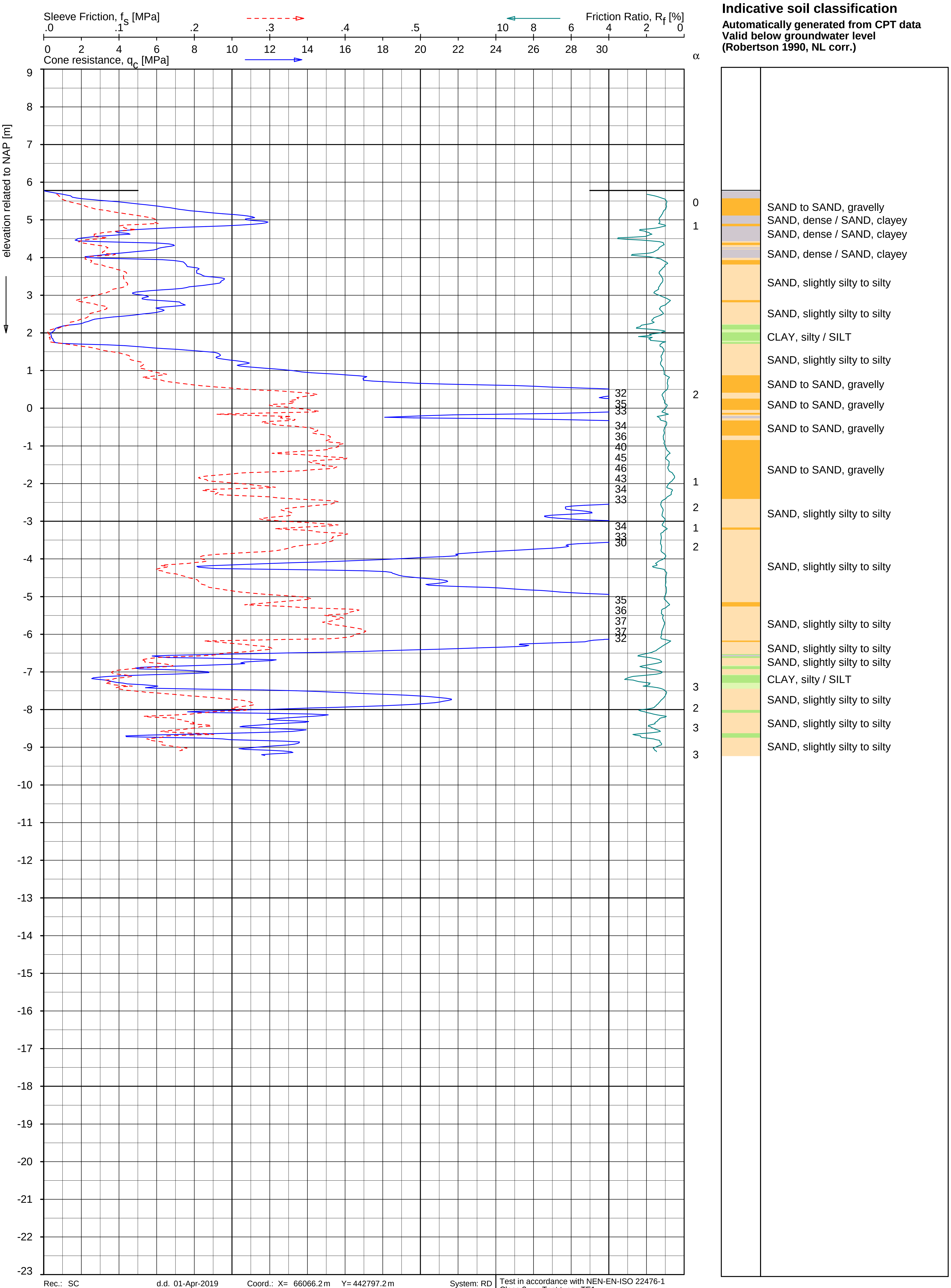
Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66292.1 m	Y= 442713.7 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.03 m	Cone: CP15-CF75SN2	1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT208



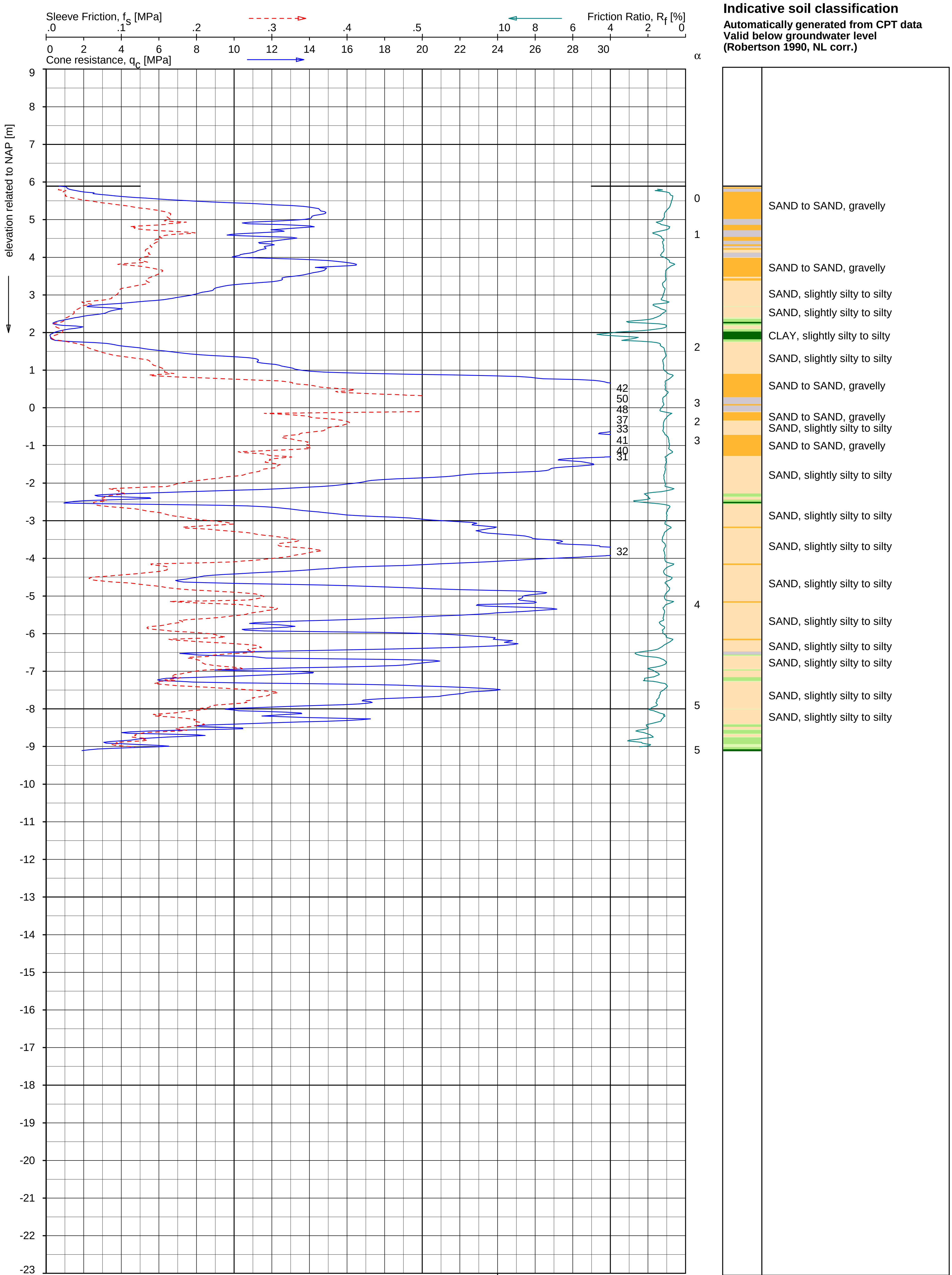
Rec.: SC	d.d. 01-Apr-2019	Coord.: X= 66066.2 m	Y= 442797.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.78 m	Cone: CP15-CF75SN2	1701-2674	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT209

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:01



Rec.: AVS d.d. 08-Apr-2019 Coord.: X= 66084.3 m Y= 442788.7 m System: RD

Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.89 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1

Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

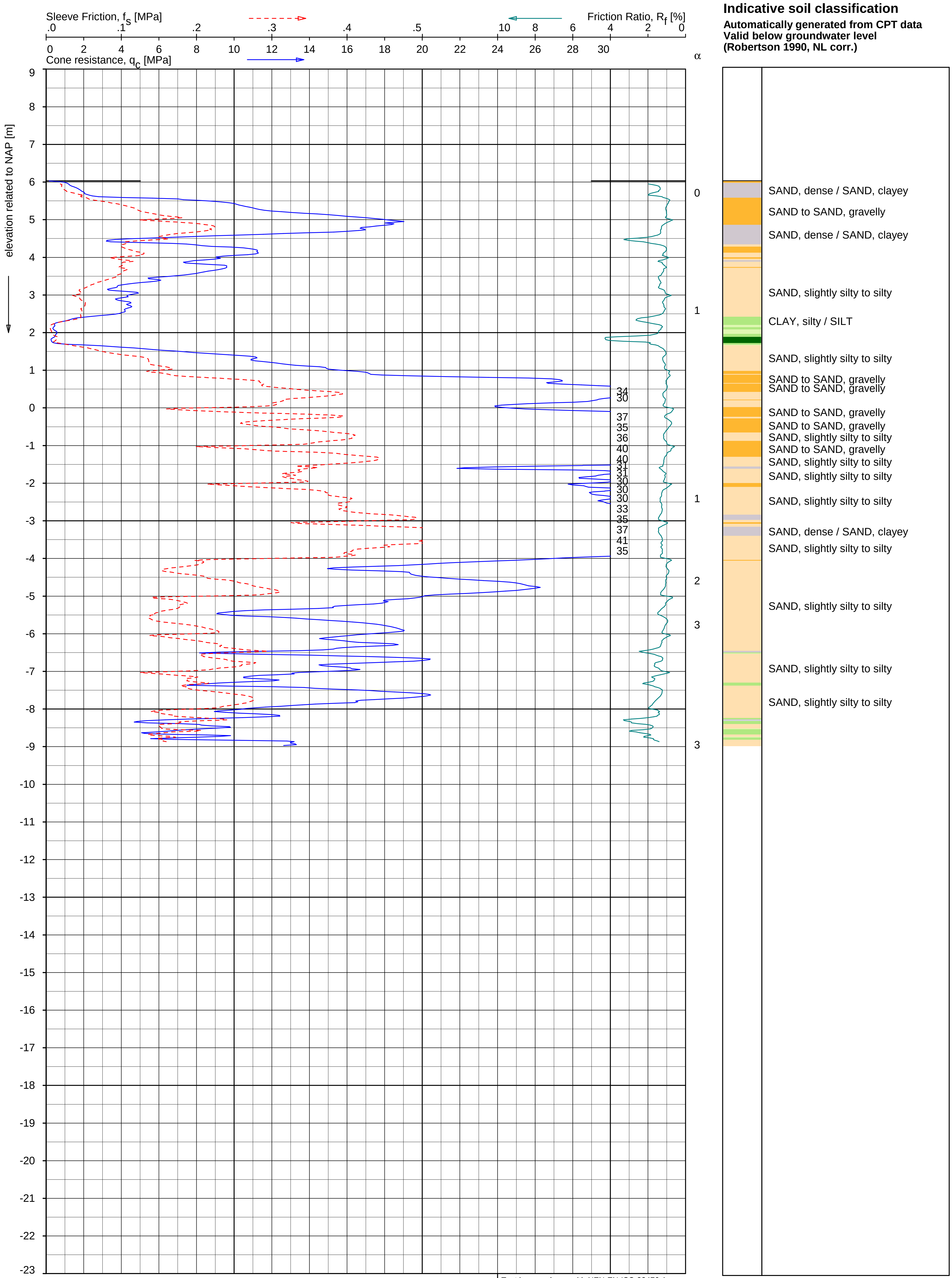
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001

Cpt CPT210

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:03:54



Rec.: AVS Proc. : U.Gumuliauskaite	d.d. 08-Apr-2019 d.d. 29-Apr-2019	Coord.: X= 66102.4 m Y= 442780.2 m GL = NAP +6.03 m Cone: CP15-CF75SN2	System: RD 1701-2674

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

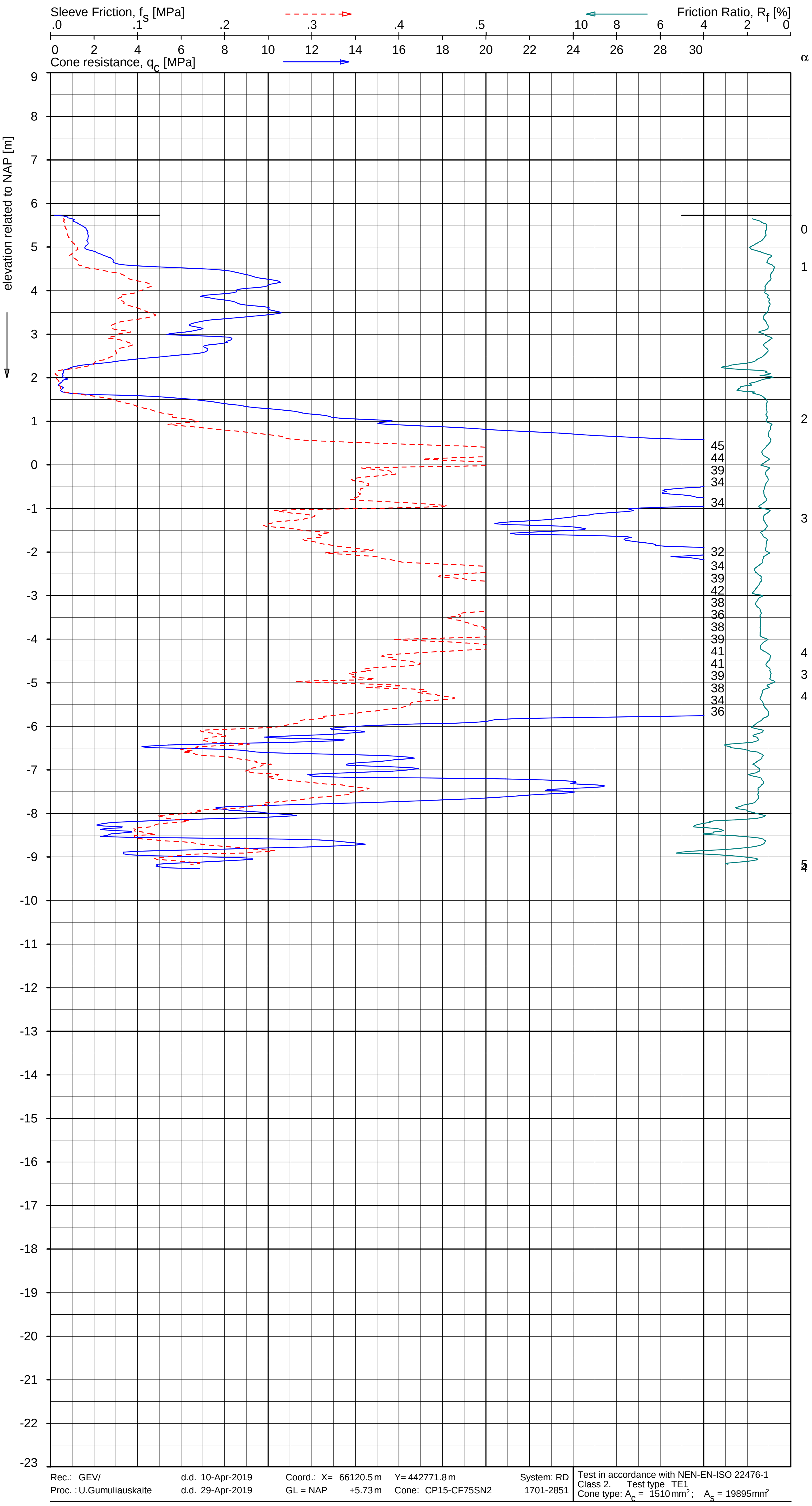
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT211

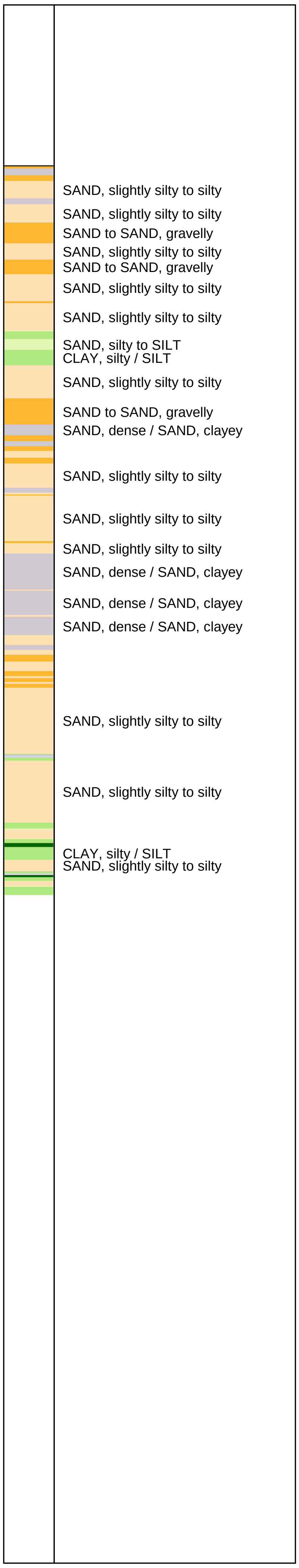
1018-0481-001

CPT211 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

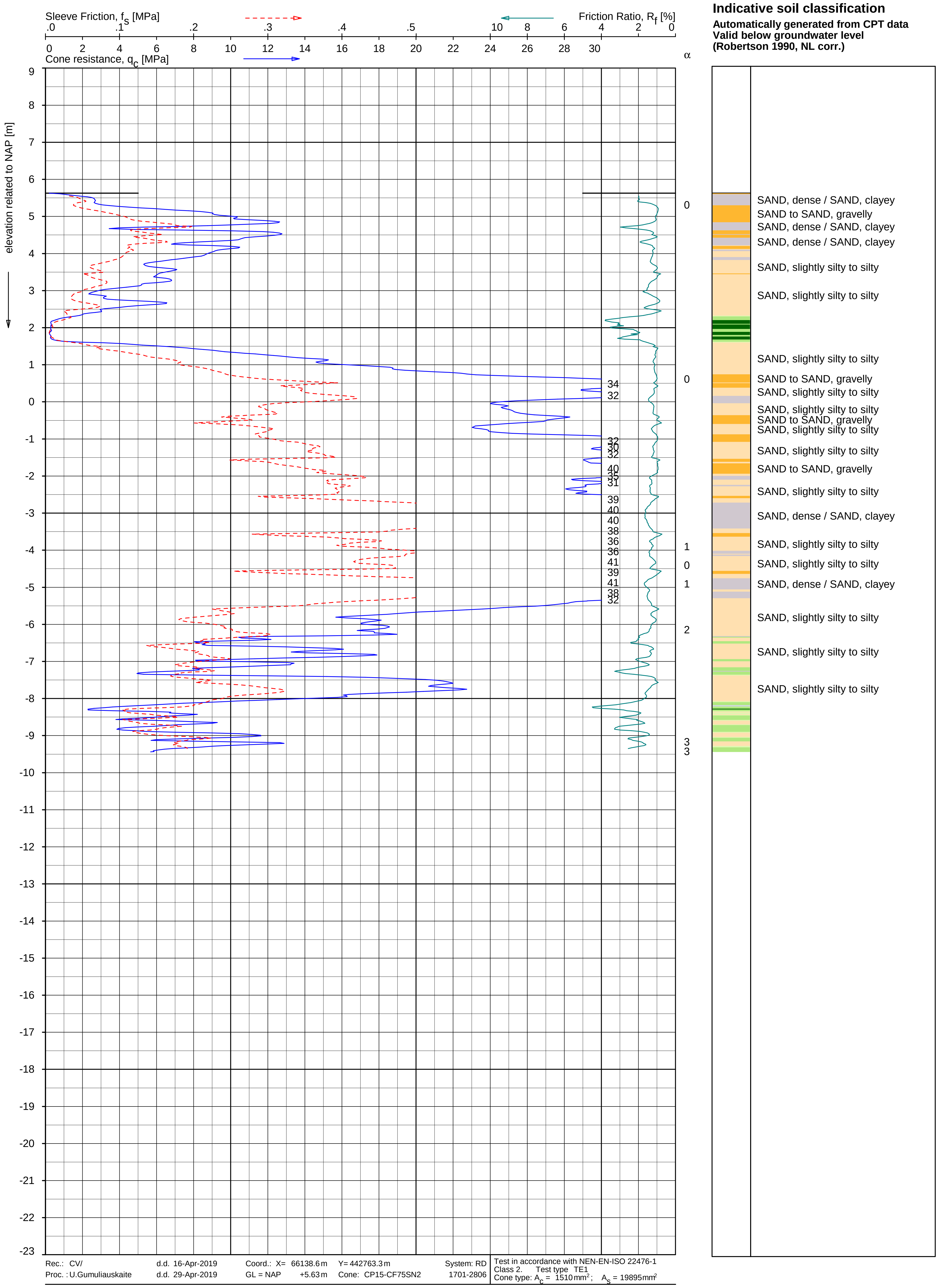


Rec.: GEV/	d.d. 10-Apr-2019	Coord.: X= 66120.5 m	Y= 442771.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.73 m	Cone: CP15-CF75SN2	1701-2851	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT212



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:05:03

1018-0481-001

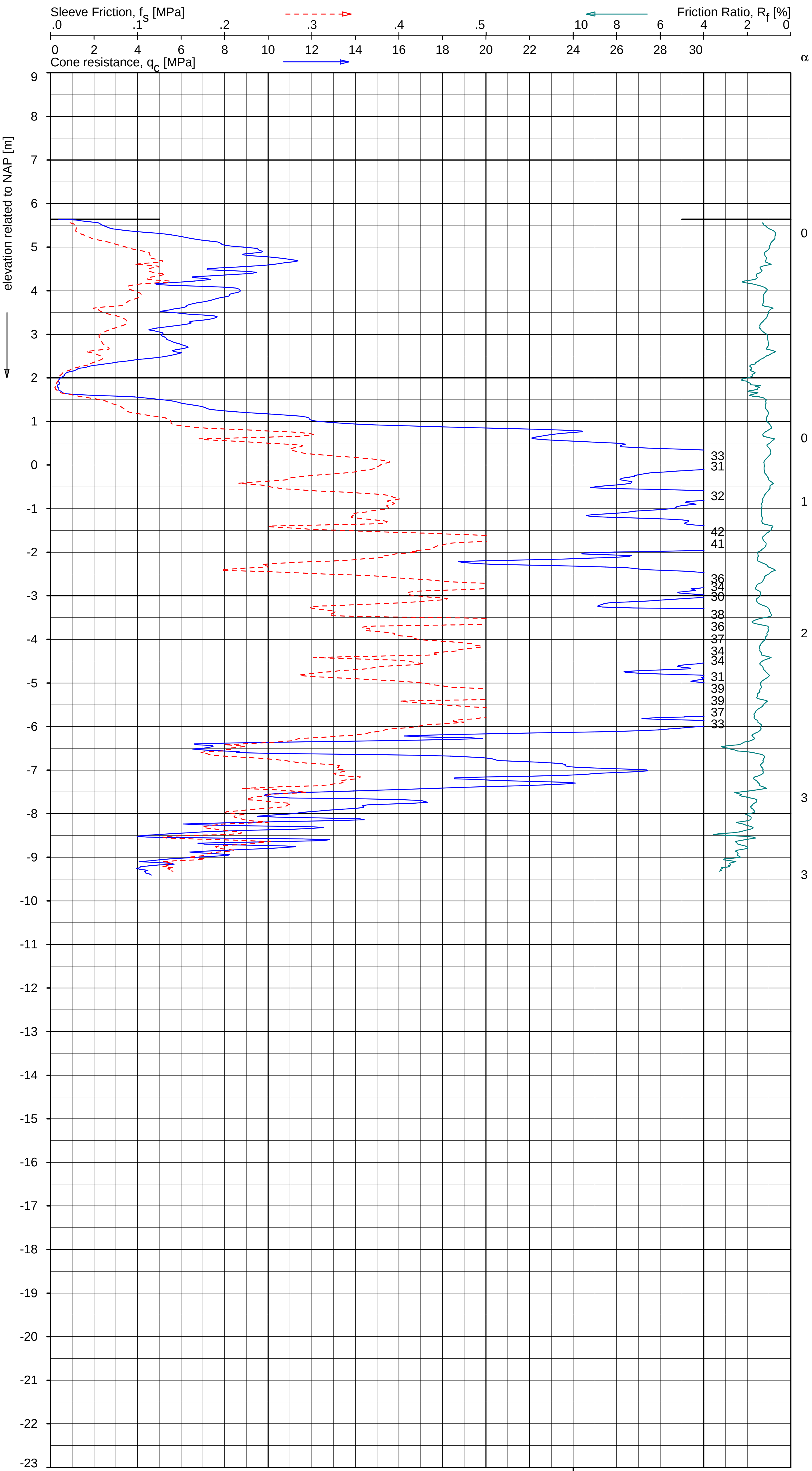
CPT213 - 1

Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66138.6 m Y= 442763.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.63 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

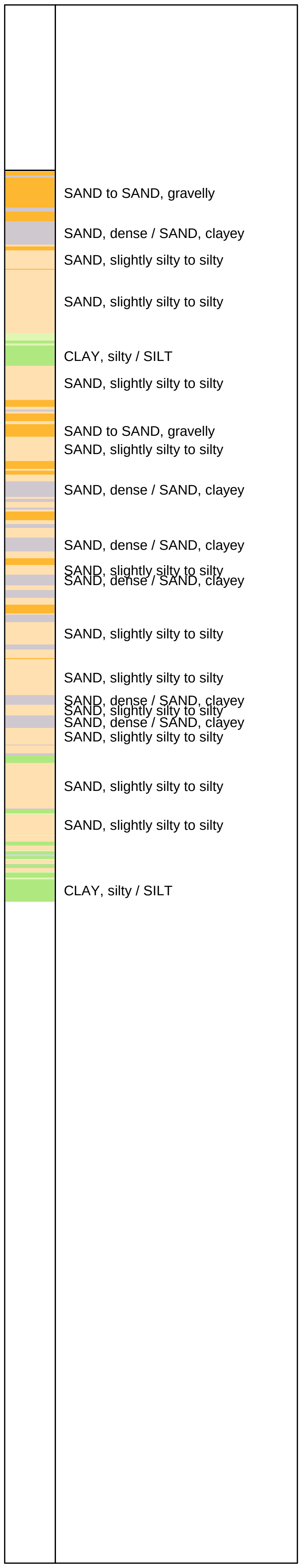
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT213



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

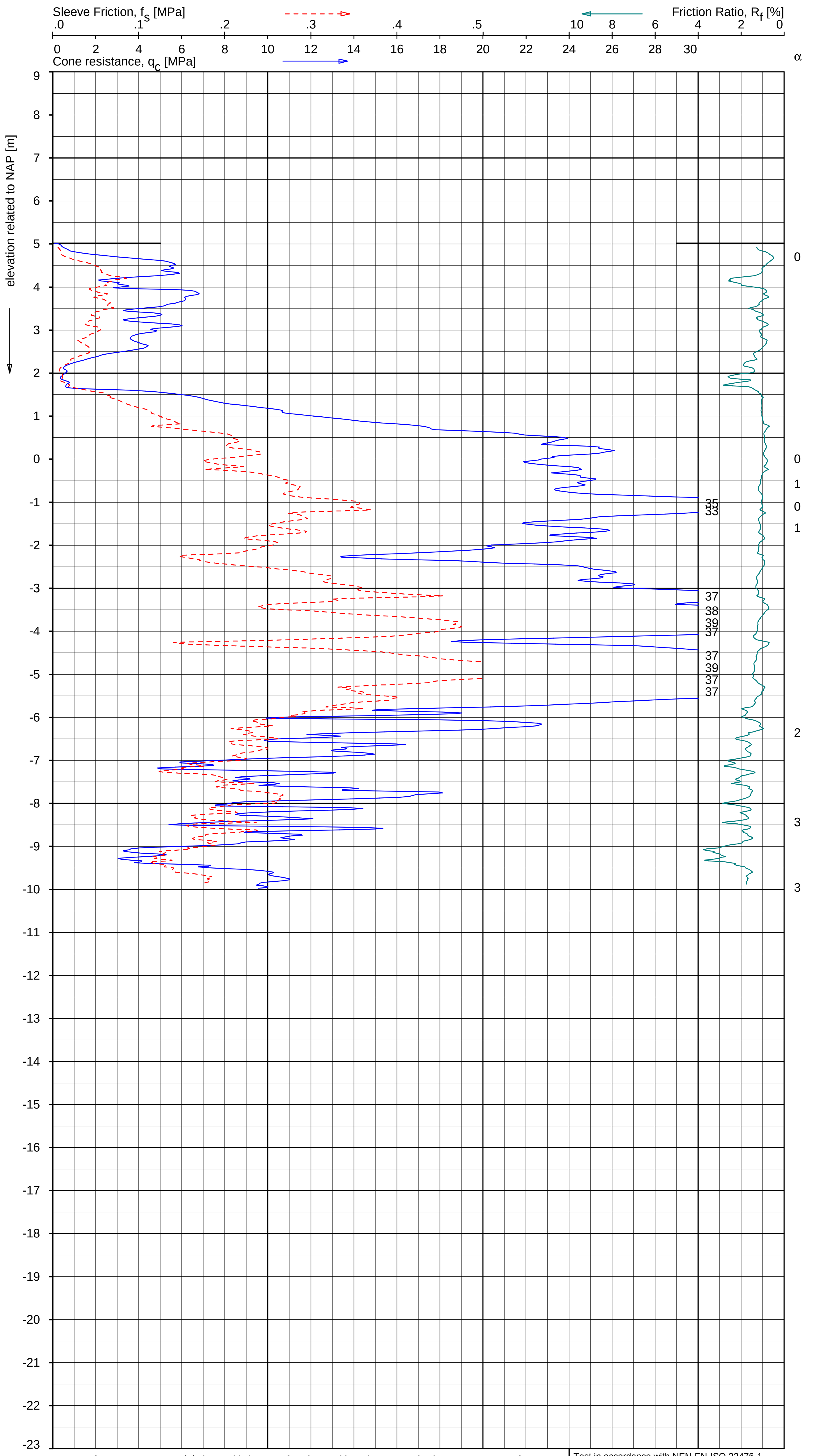


Rec.: CV/	d.d. 16-Apr-2019	Coord.: X= 66156.8 m	Y= 442754.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.64 m	Cone: CP15-CF75SN2	1701-2806	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT214



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

SAND to SAND, gravelly
SAND, dense / SAND, clayey
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND to SAND, gravelly
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, dense / SAND, clayey
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
SAND, slightly silty to silty
CLAY, silty / SILT
SAND, slightly silty to silty

Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66174.9 m Y= 442746.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

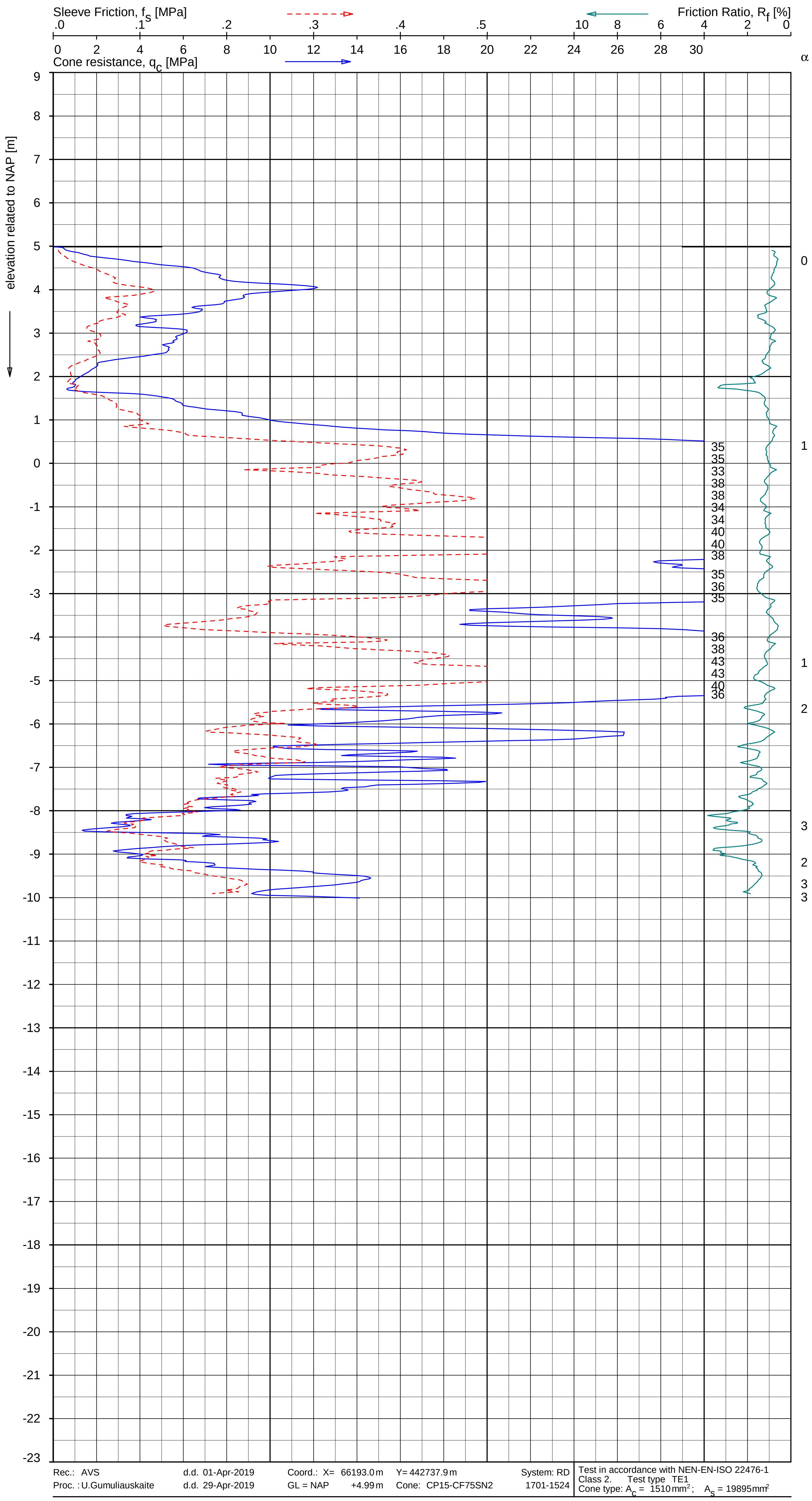
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT215

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:05:06

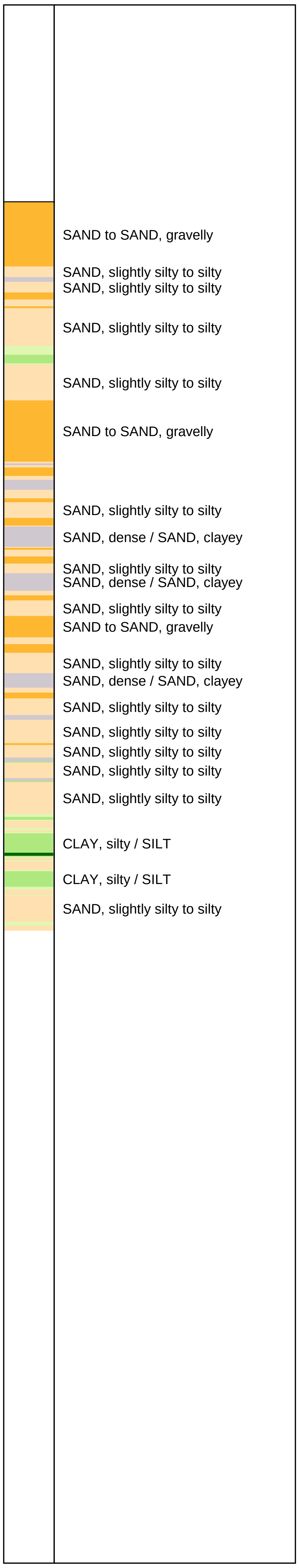
1018-0481-001

CPT215 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:04:16

1018-0481-001

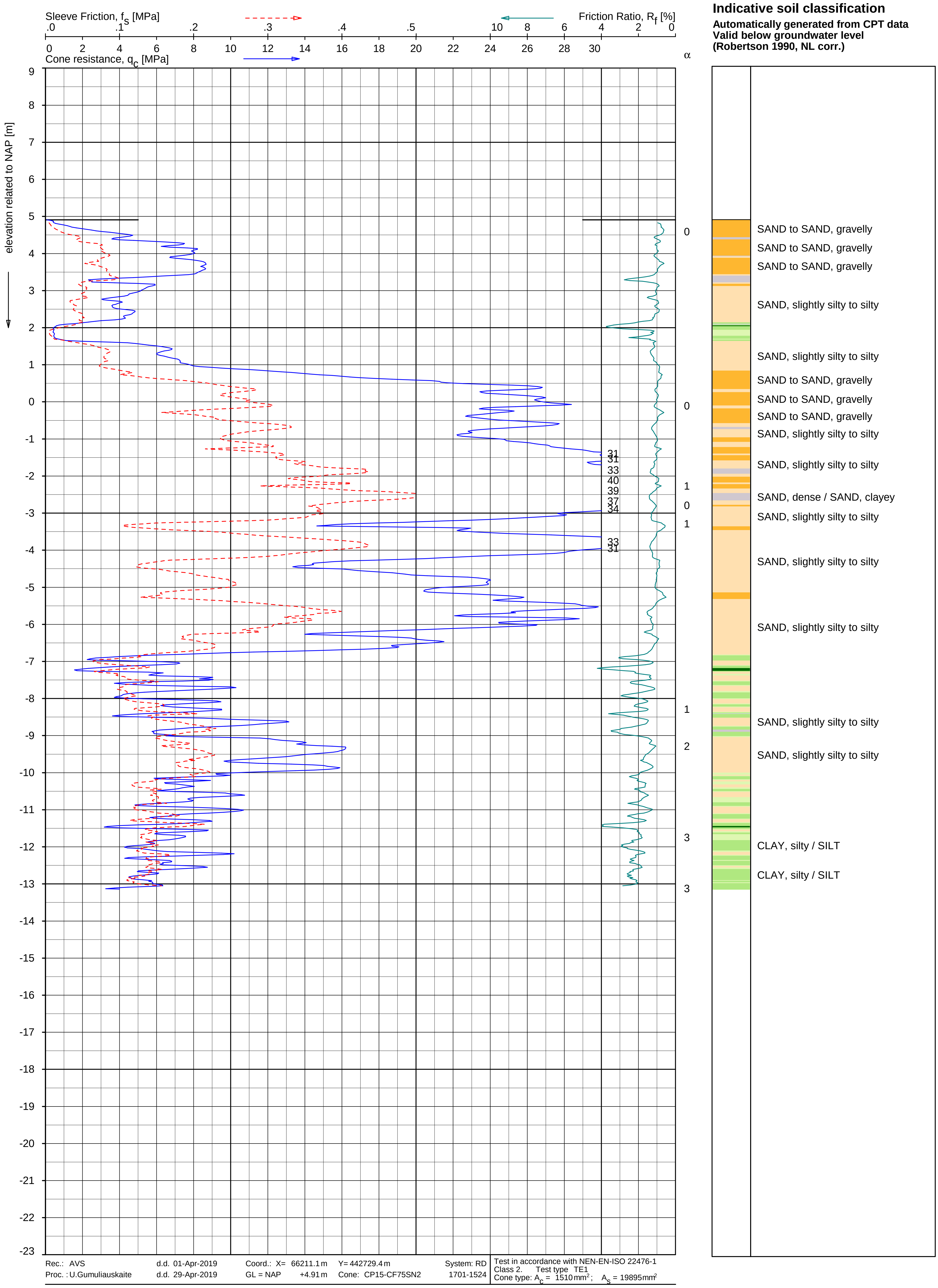
CPT216 - 1

Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66193.0 m Y= 442737.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT216



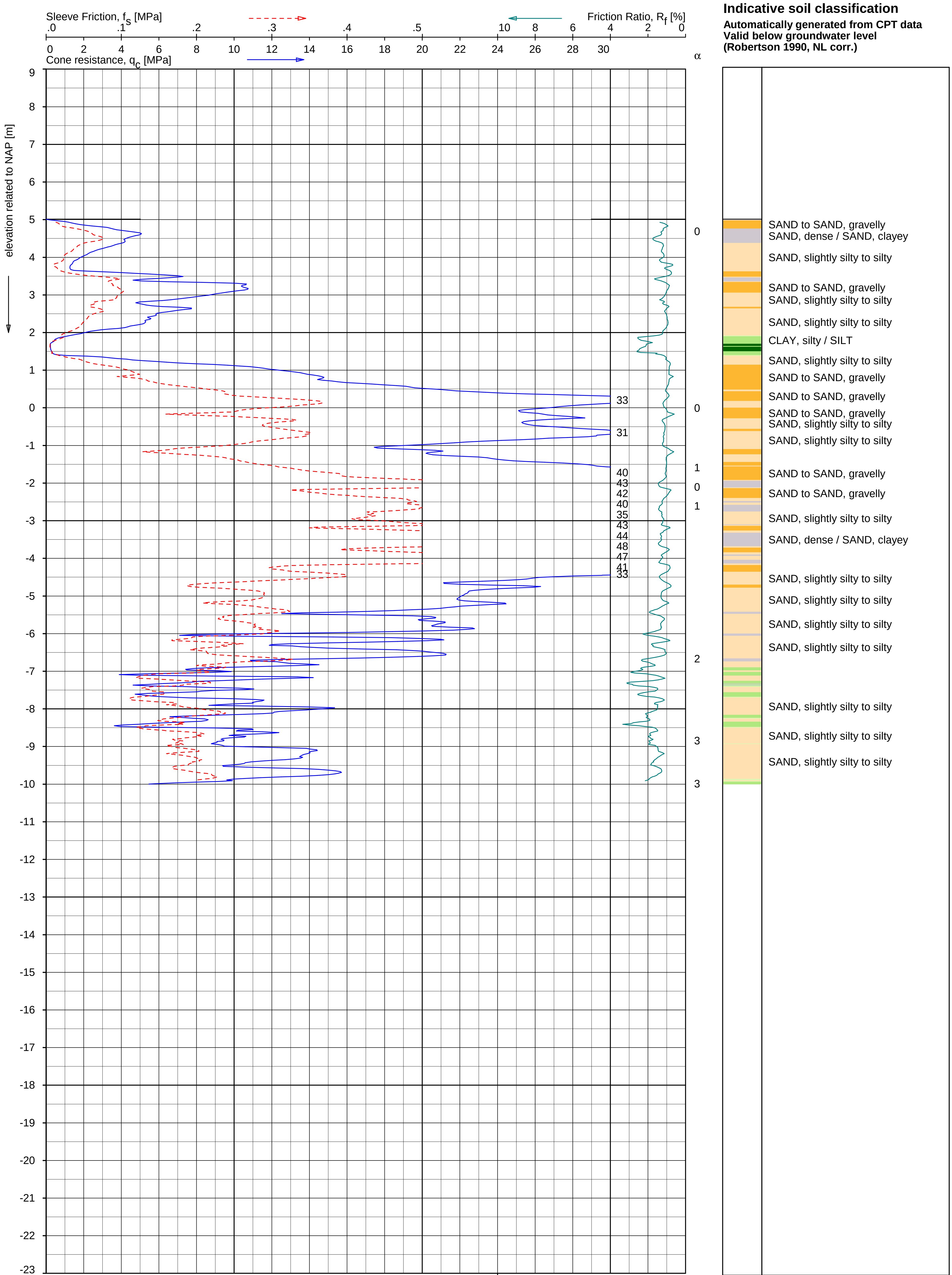
Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66211.1 m Y= 442729.4 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.91 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT217

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:03:20

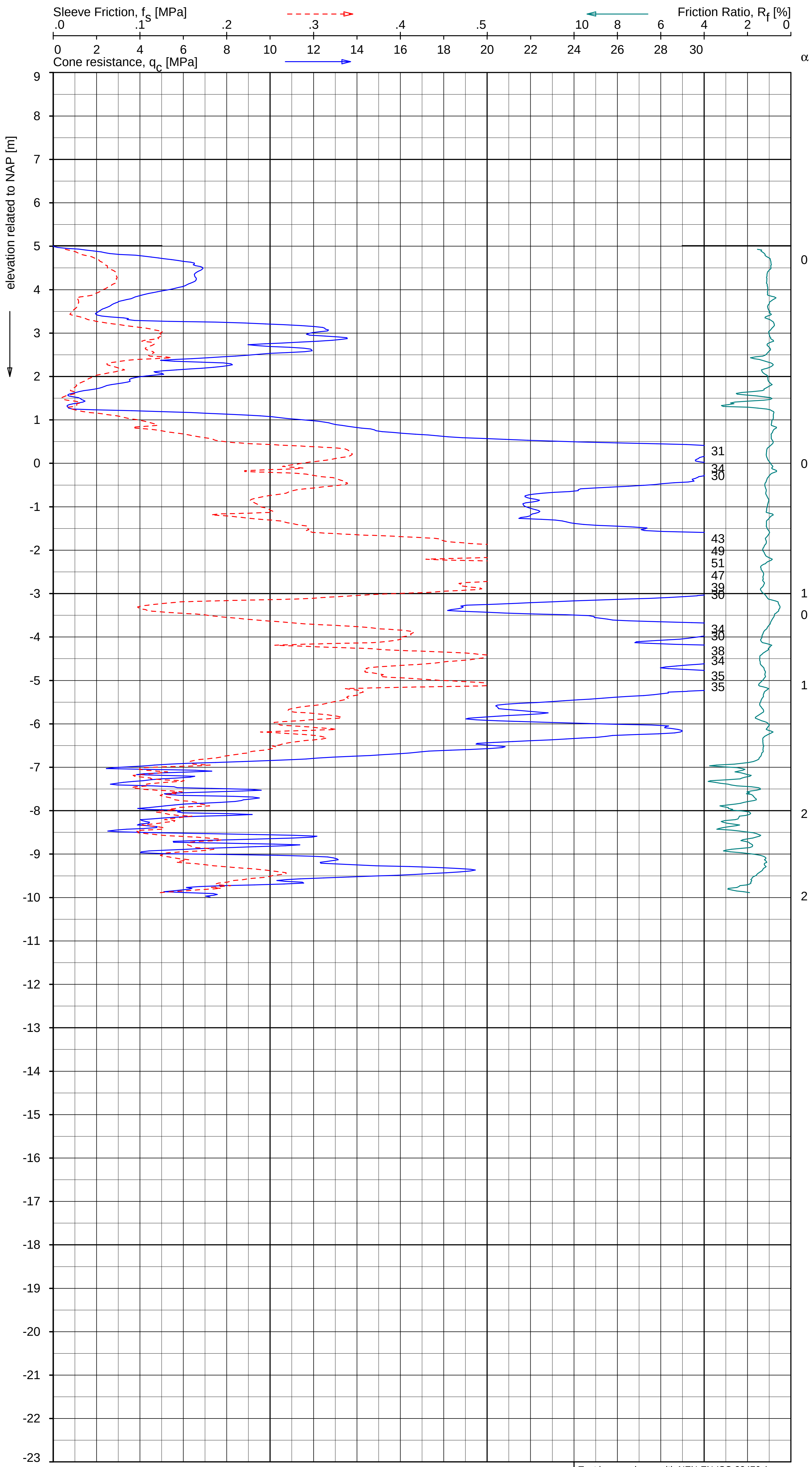


Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66229.2 m	Y= 442721.0 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.01 m	Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

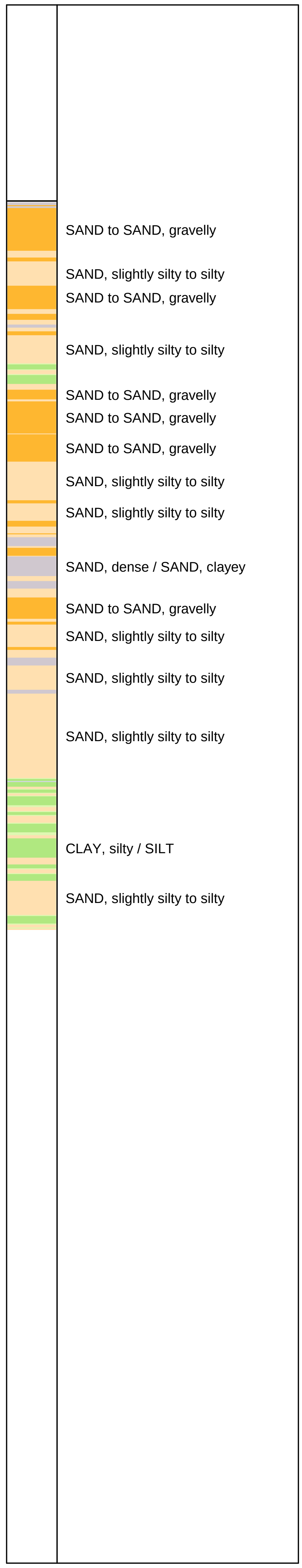
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT218



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

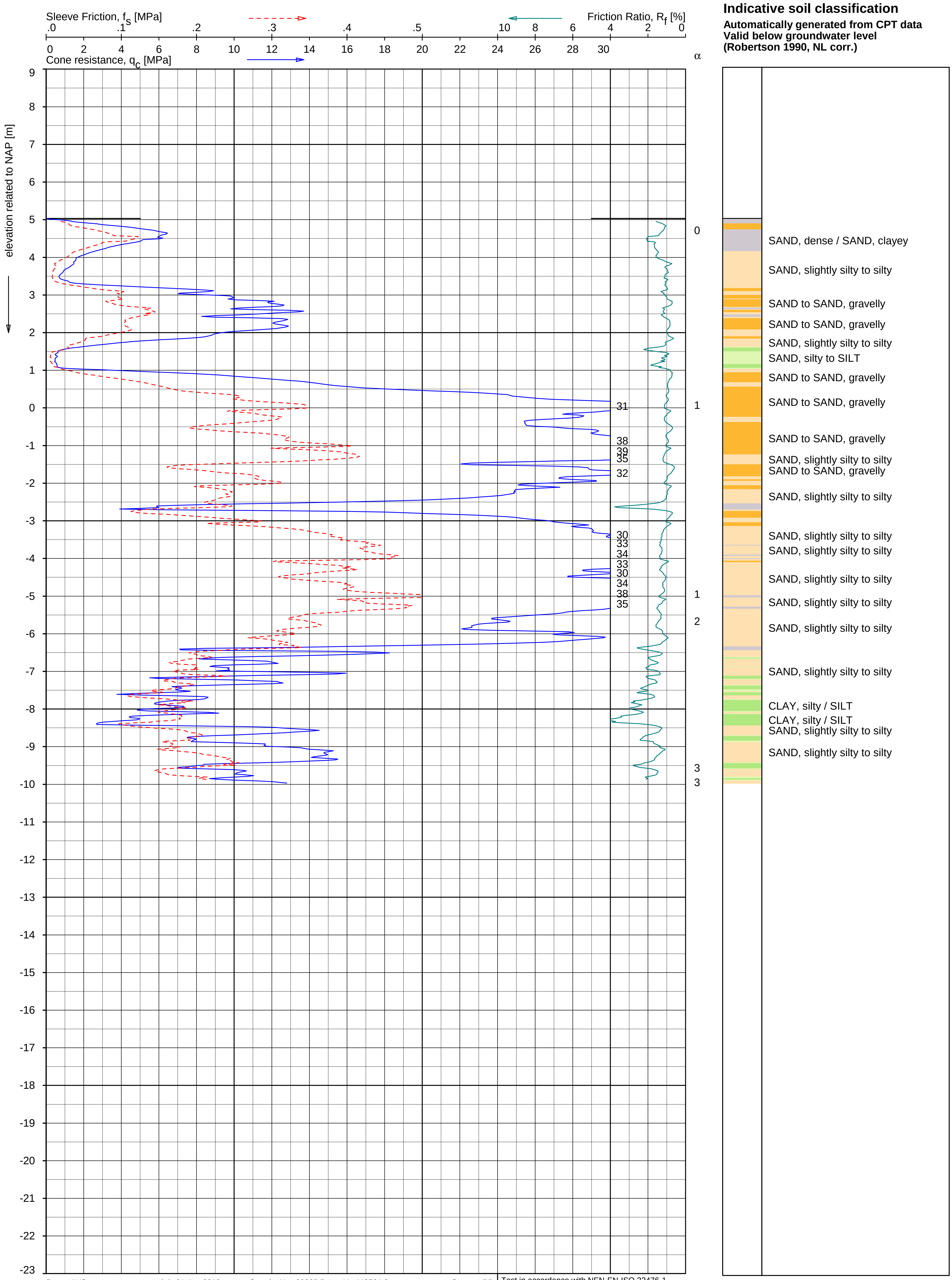


Rec.: AVS	d.d. 01-Apr-2019	Coord.: X= 66247.4 m Y= 442712.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.01 m Cone: CP15-CF75SN2	1701-1524	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT219



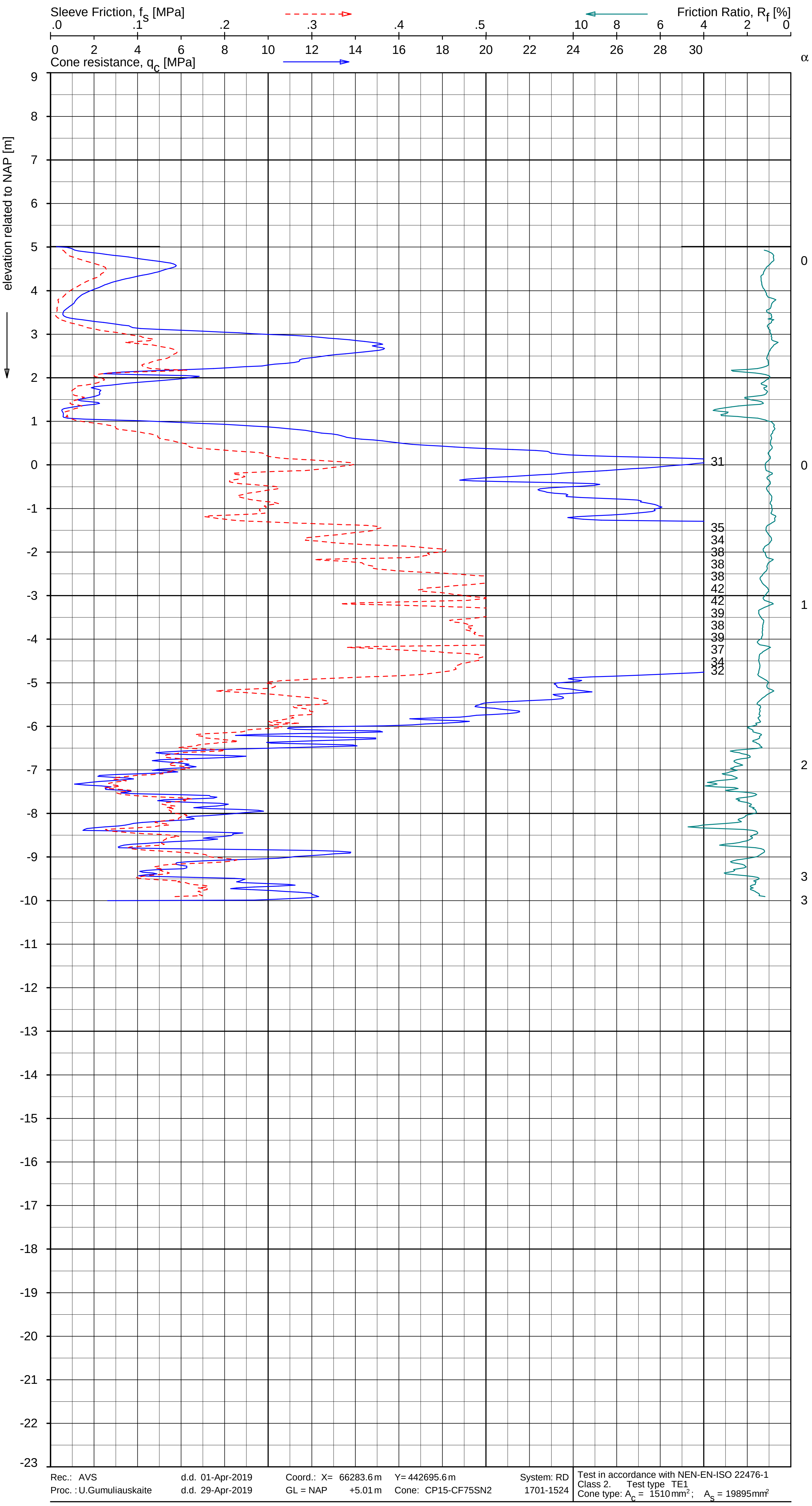
Rec.: AVS d.d. 01-Apr-2019 Coord.: X= 66265.5 m Y= 442704.0 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.03 m Cone: CP15-CF75SN2 1701-1524

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

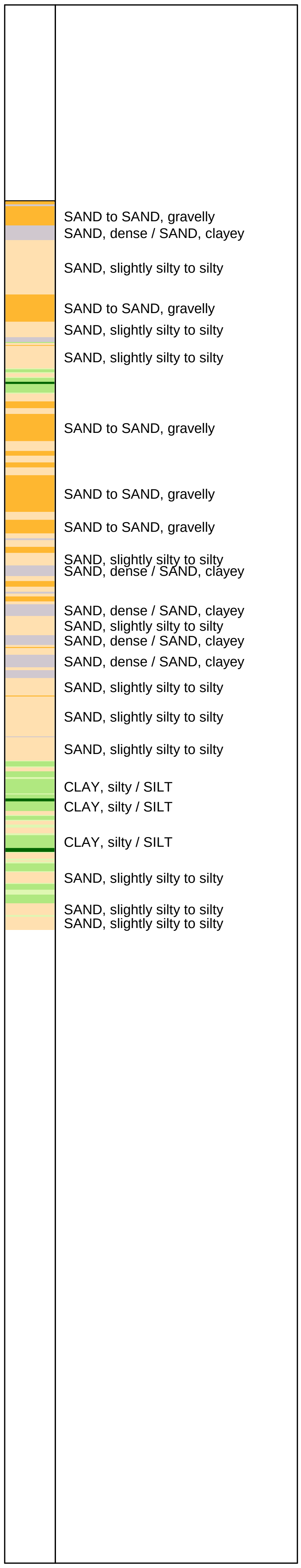
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT220



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

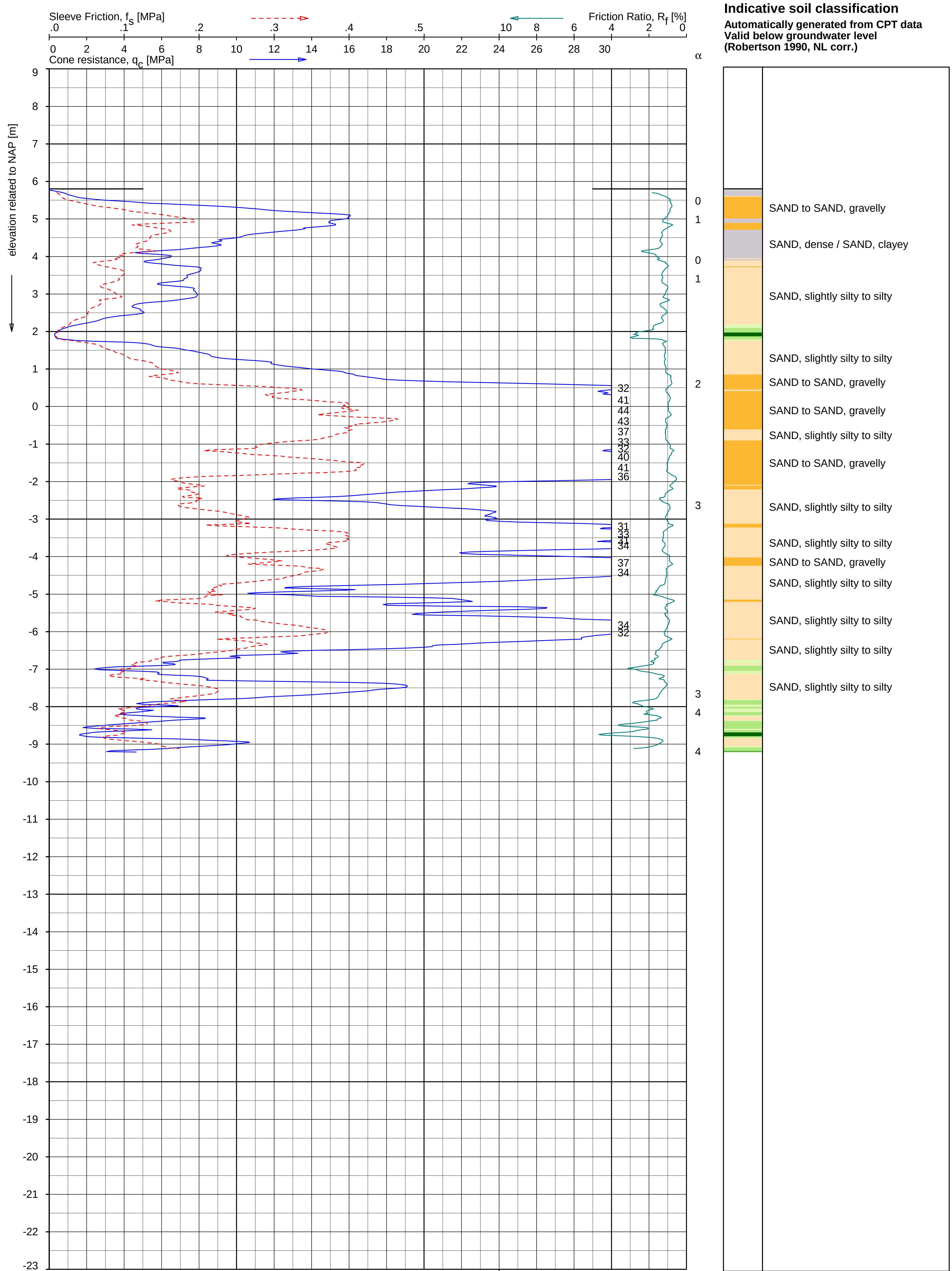


Rec.: AVS Proc.: U.Gumuliauskaite	d.d. 01-Apr-2019 d.d. 29-Apr-2019	Coord.: X= 66283.6 m Y= 442695.6 m GL = NAP +5.01 m Cone: CP15-CF75SN2	System: RD 1701-1524	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT221



Rec.: SC d.d. 01-Apr-2019 Coord.: X= 66057.7 m Y= 442779.1 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.80 m Cone: CP15-CF75SN2 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

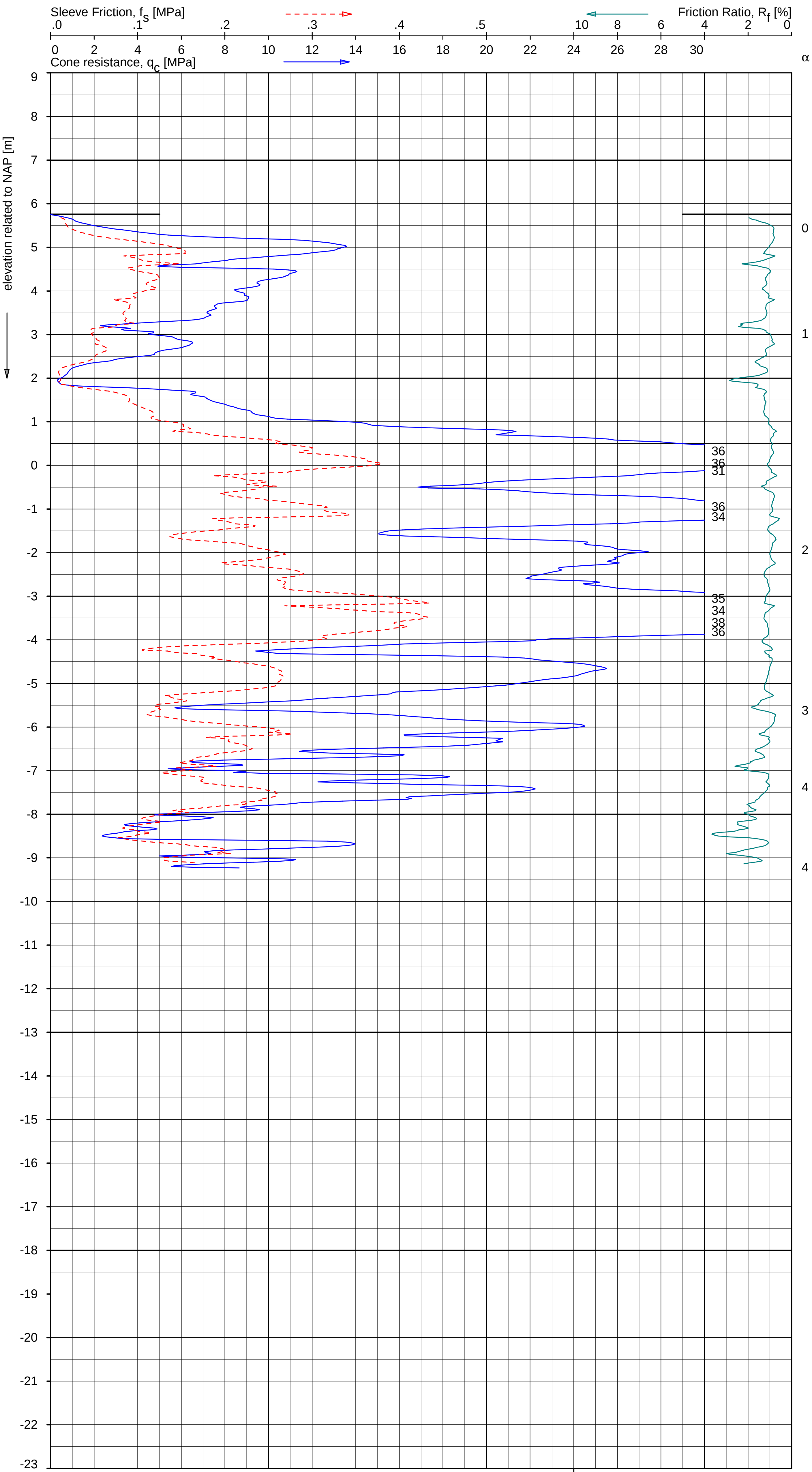
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT222

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:17

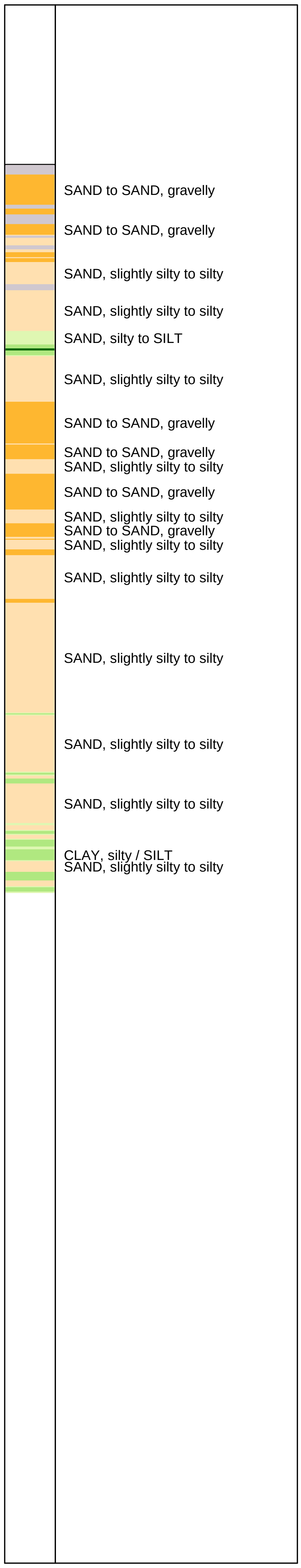
1018-0481-001

CPT222 - 1



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: SC d.d. 01-Apr-2019 Coord.: X= 66075.8 m Y= 442770.6 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.76 m Cone: CP15-CF75SN2 1701-2674

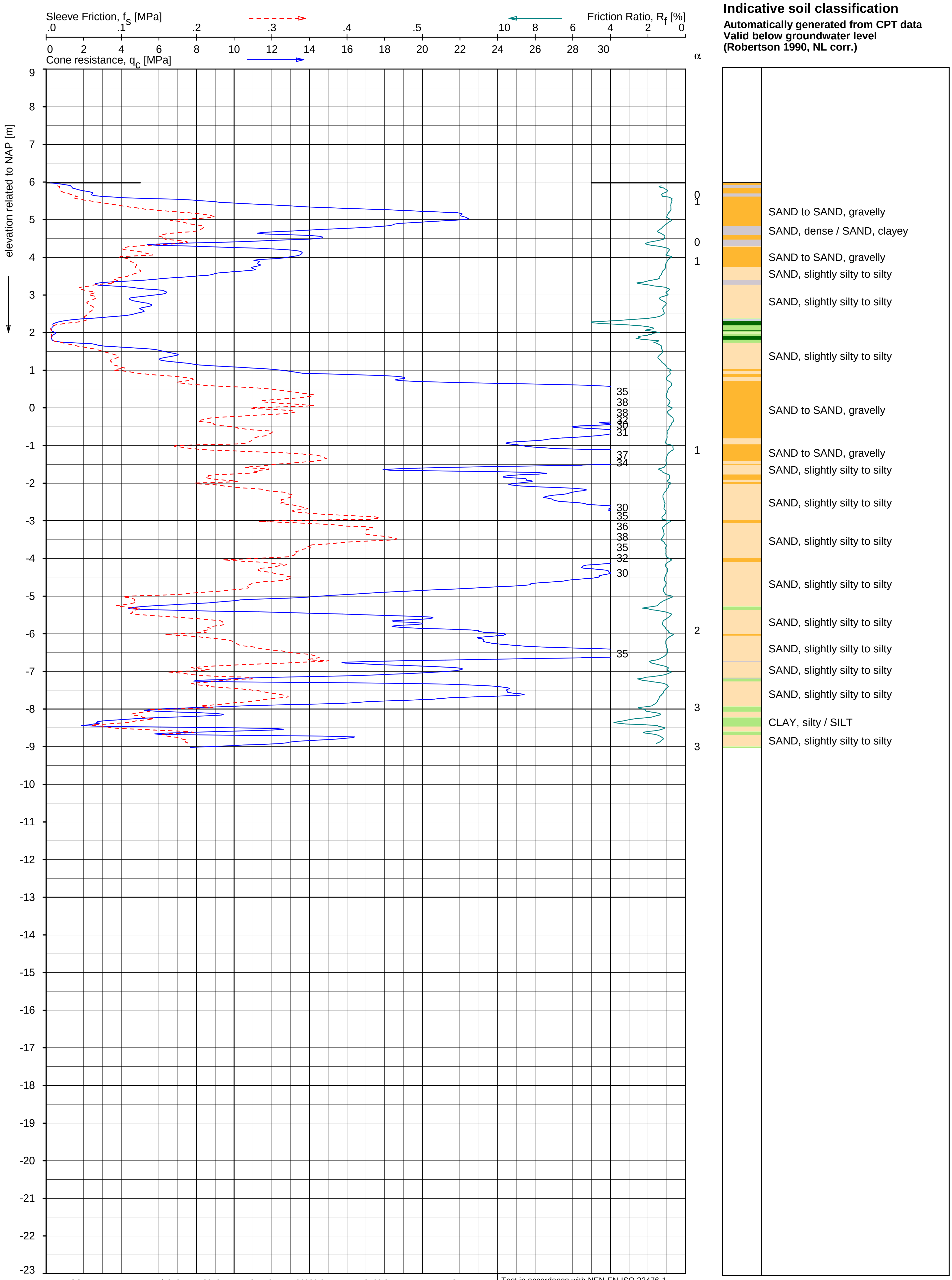
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT223

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:13



Rec.: SC Proc. : U.Gumuliauskaite	d.d. 01-Apr-2019 d.d. 29-Apr-2019	Coord.: X= 66093.9 m Y= 442762.2 m GL = NAP +5.98 m Cone: CP15-CF75SN2	System: RD 1701-2674

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

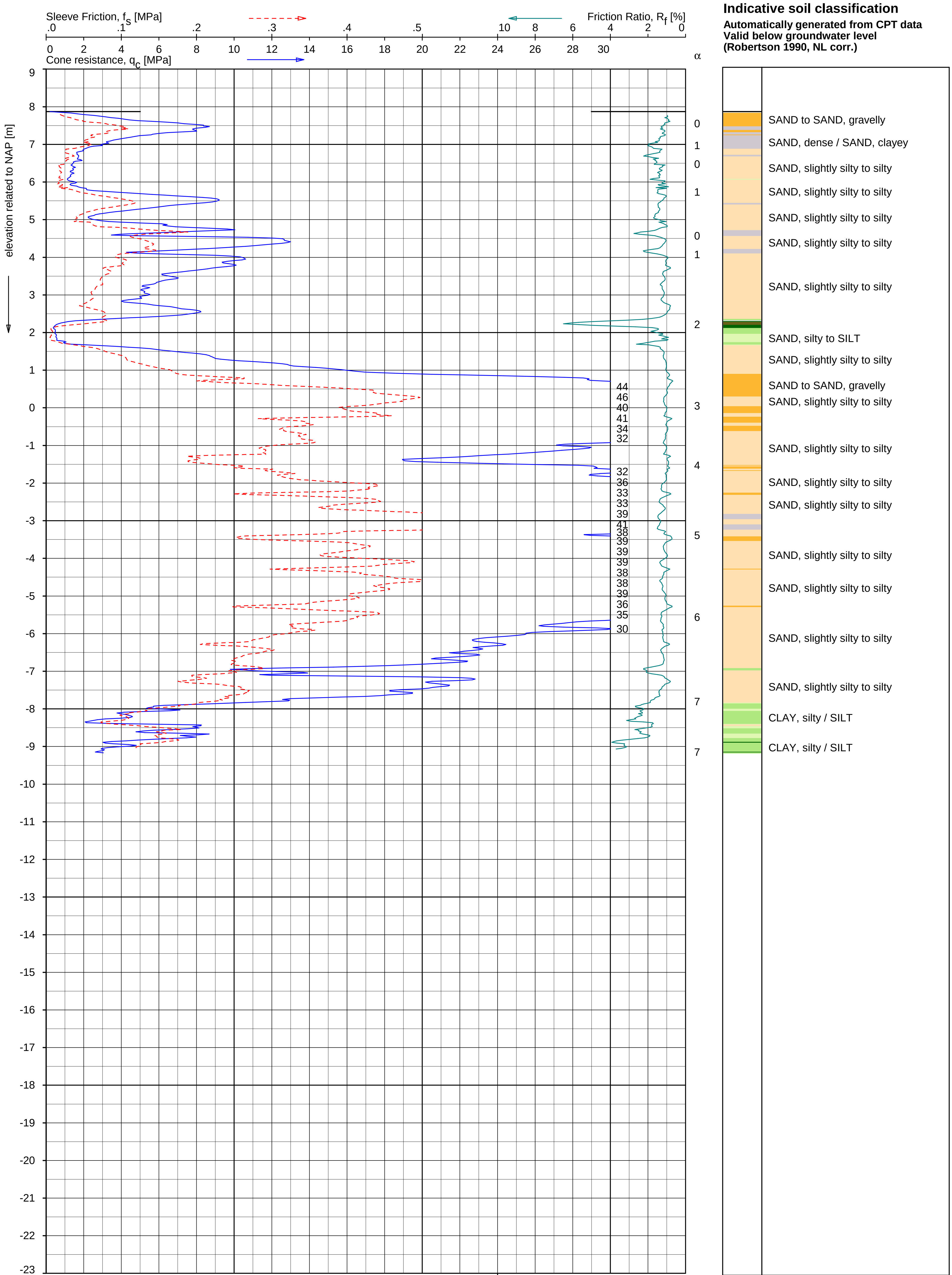
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT224

1018-0481-001

CPT224 - 1



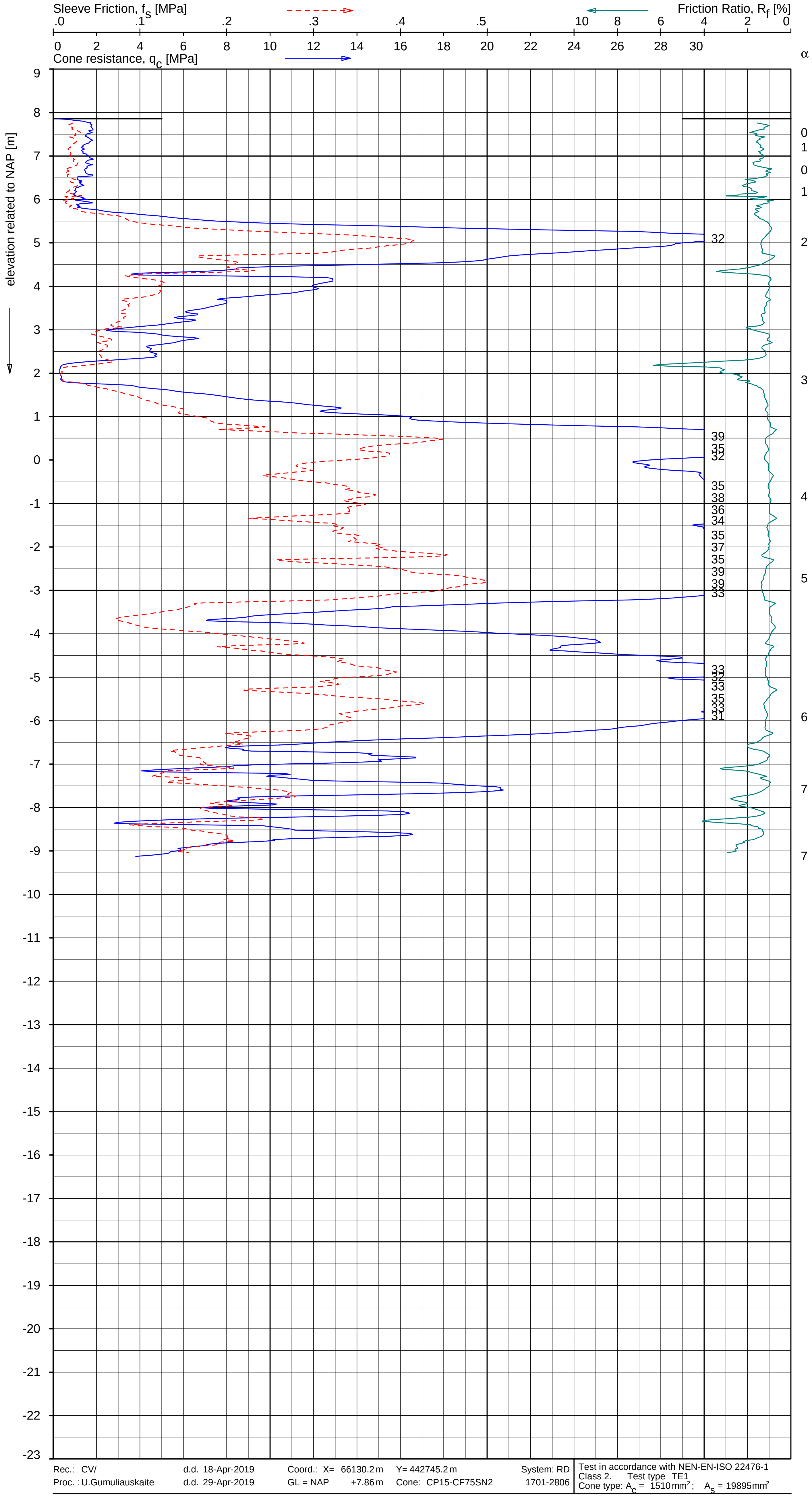
Rec.: CV/ d.d. 18-Apr-2019 Coord.: X= 66110.8 m Y= 442750.9 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +7.87 m Cone: CP15-CF75SN2 1701-2806

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

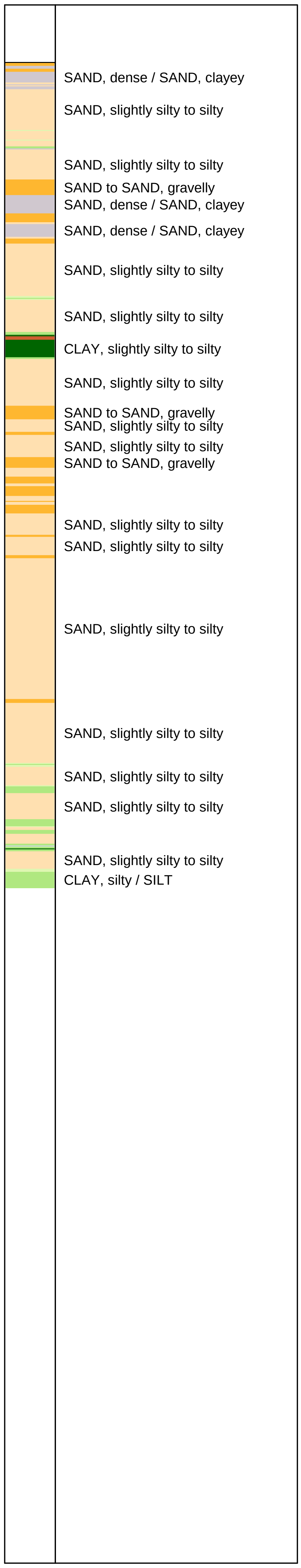
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT225



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)

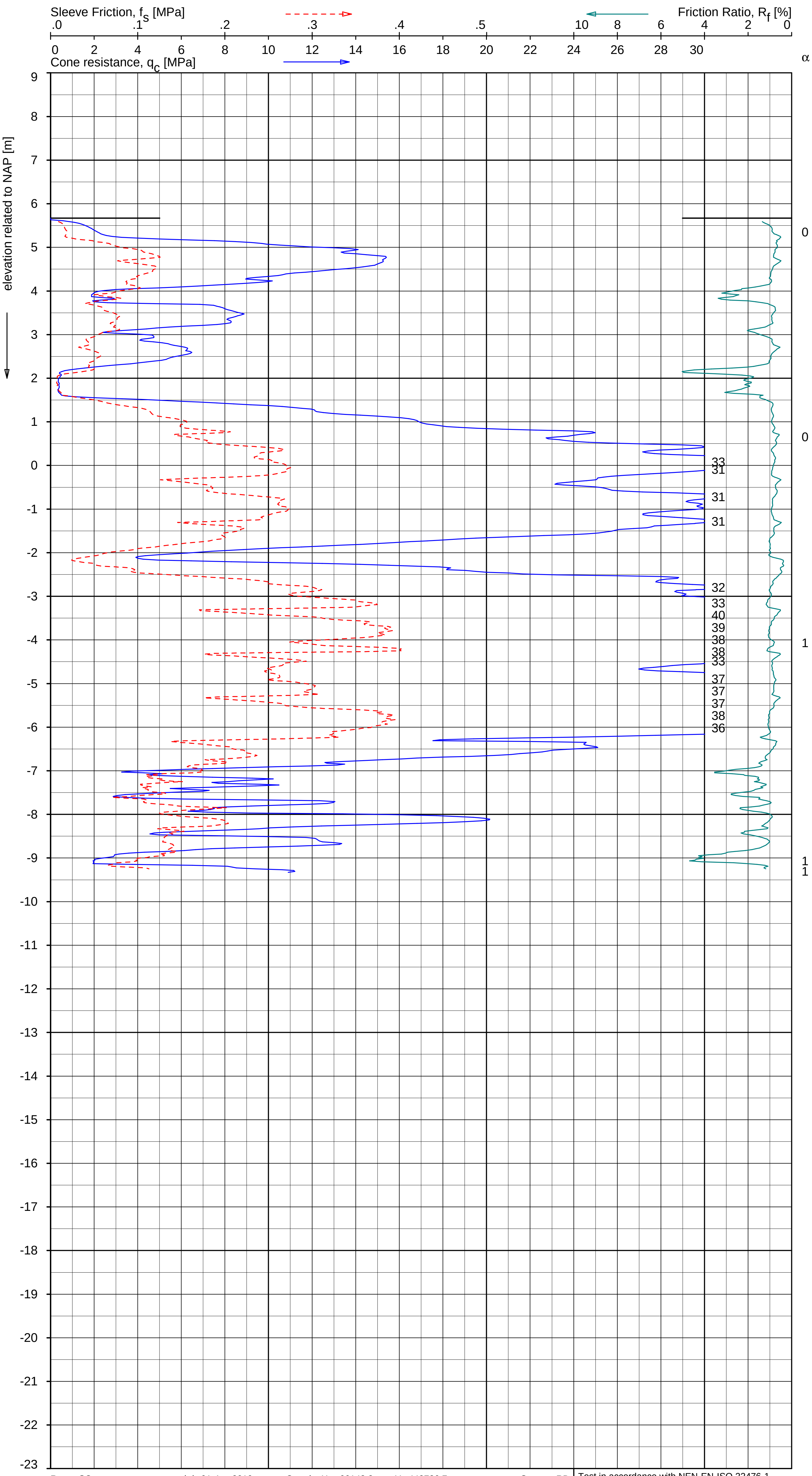


Rec.: CV/	d.d. 18-Apr-2019	Coord.: X= 66130.2 m	Y= 442745.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +7.86 m	Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

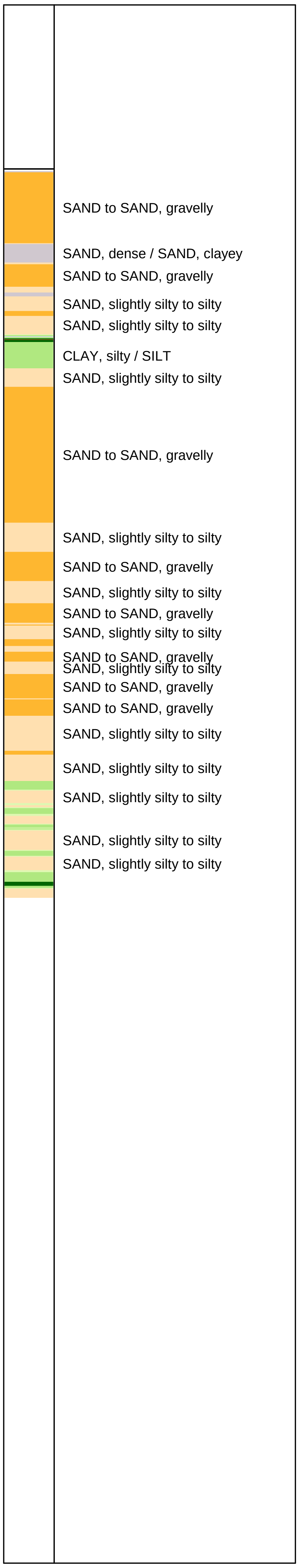
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT226



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



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1018-0481-001

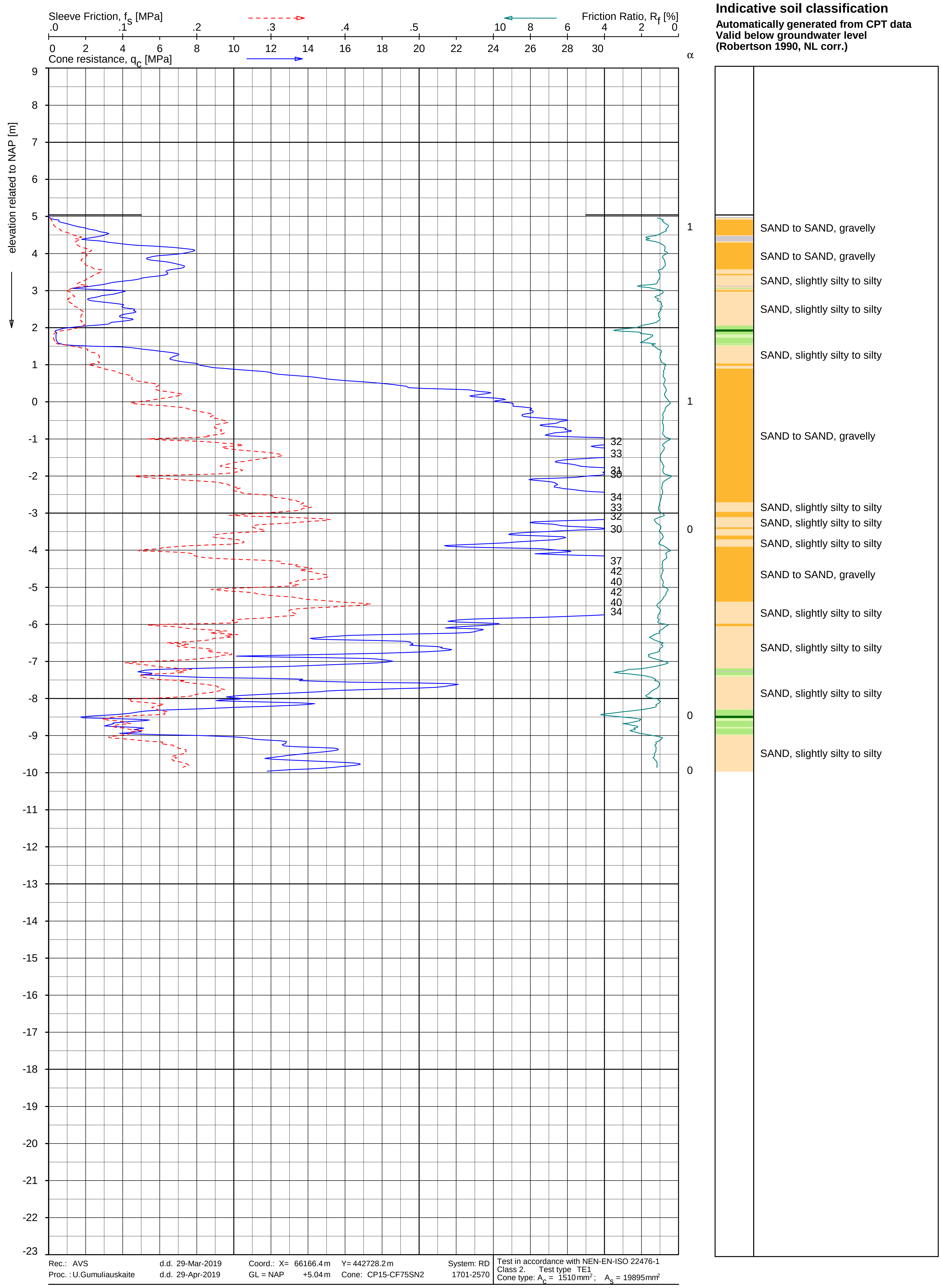
CPT227 - 1

Rec.: SC	d.d. 01-Apr-2019	Coord.: X= 66148.3 m Y= 442736.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.67 m Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT227



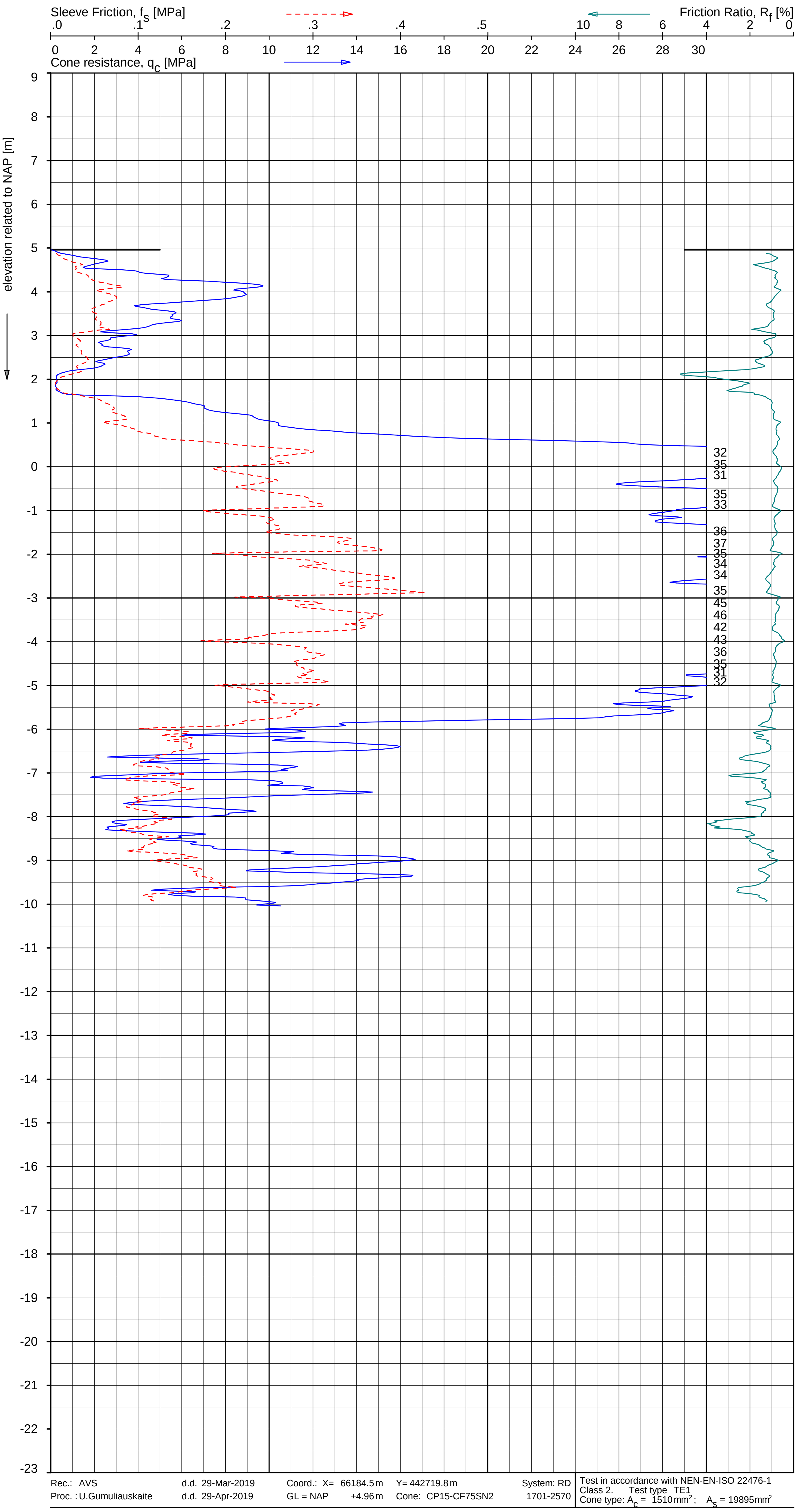
Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66166.4 m	Y= 442728.2 m	System: RD
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.04 m	Cone: CP15-CF75SN2	1701-2570

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

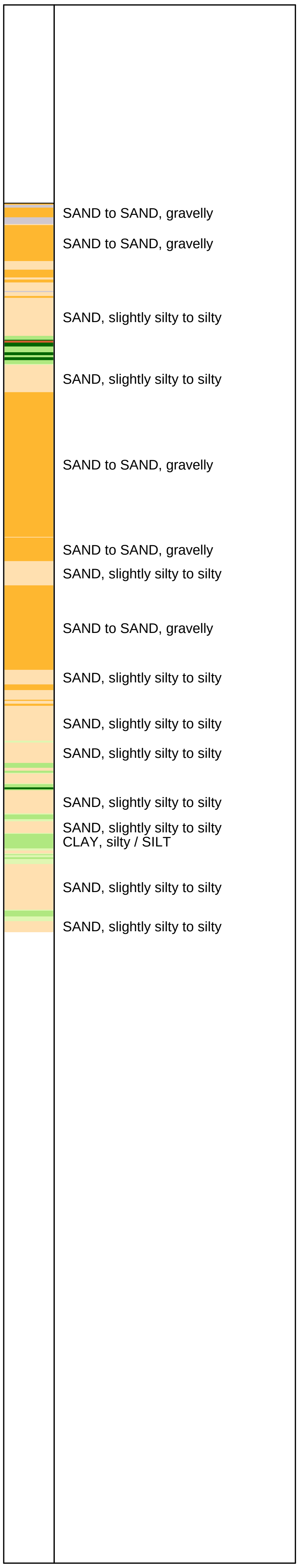
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT228



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



Rec.: AVS | d.d. 29-Mar-2019 | Coord.: X= 66184.5 m | Y= 442719.8 m | System: RD
Proc. : U.Gumuliauskaite | d.d. 29-Apr-2019 | GL = NAP | +4.96 m | Cone: CP15-CF75SN2 | 1701-2570

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT229

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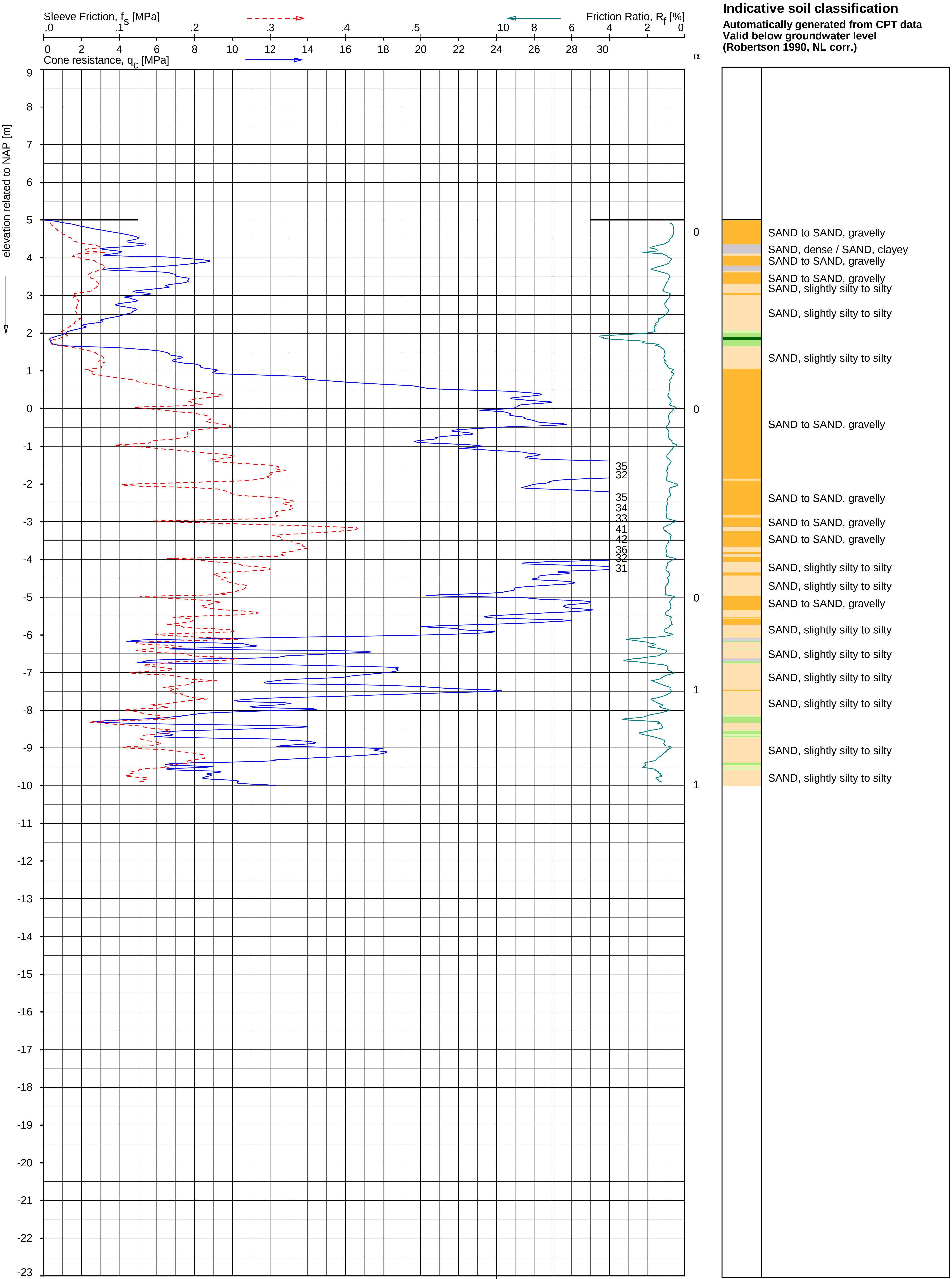
1018-0481-001

CPT229 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:54



Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66202.7 m Y= 442711.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.00 m Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

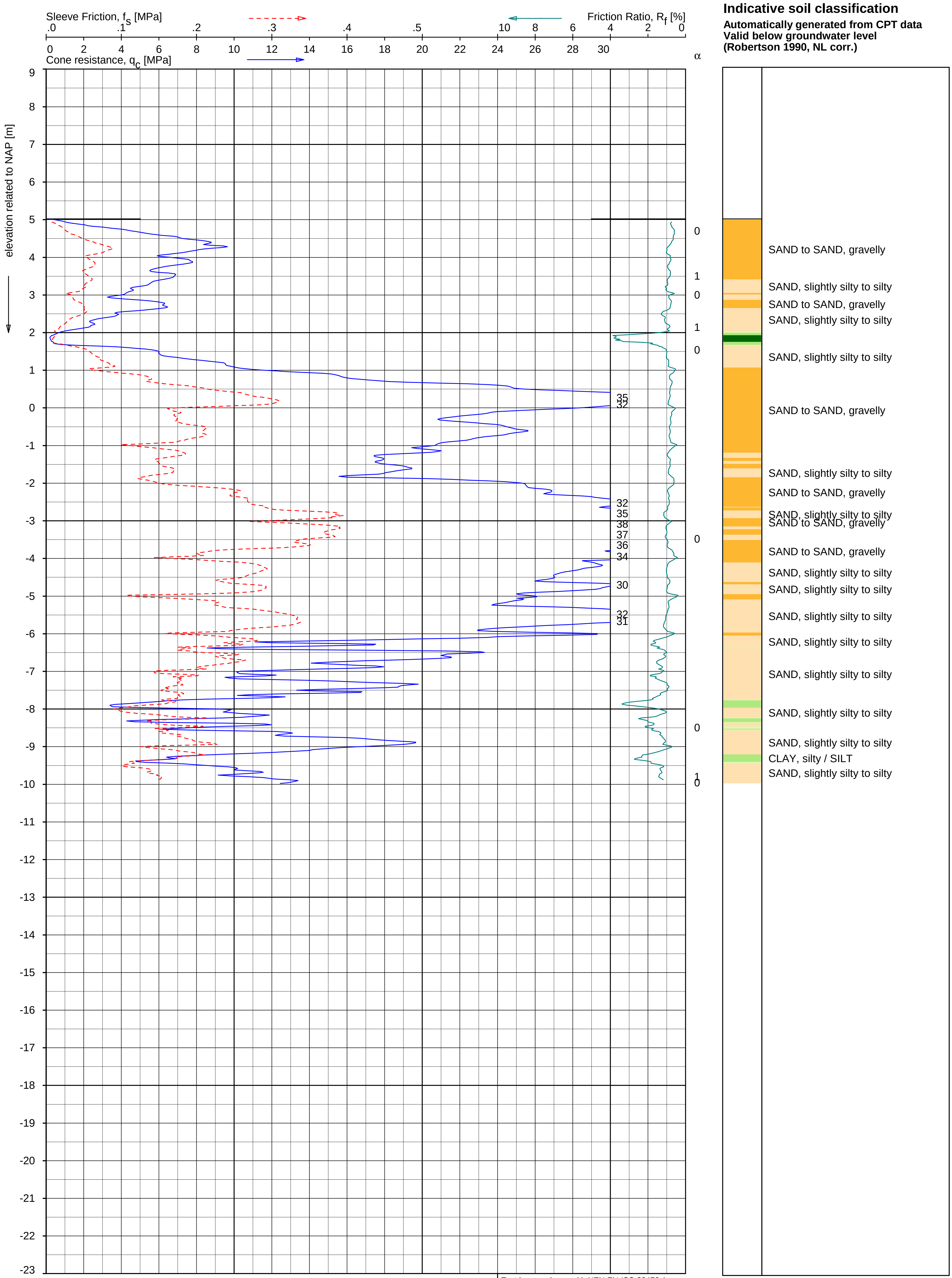
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT230

1018-0481-001

CPT230 - 1

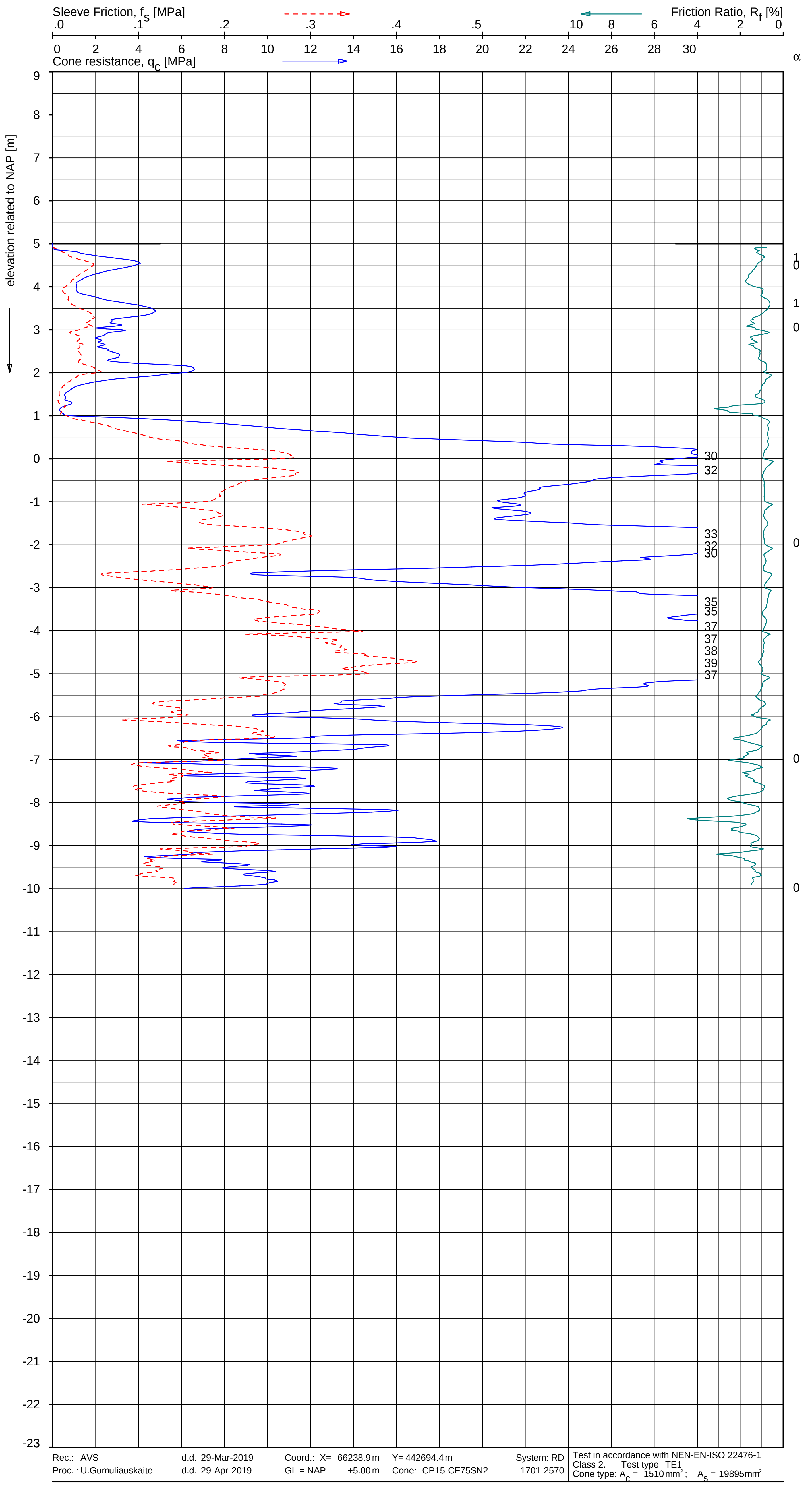


Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66220.8 m Y= 442702.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc.: U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.02 m Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1; Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

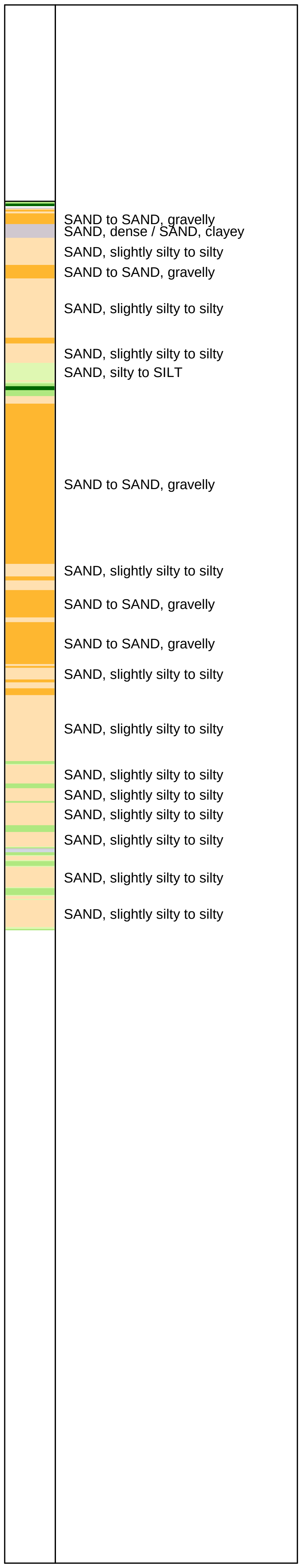
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT231



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



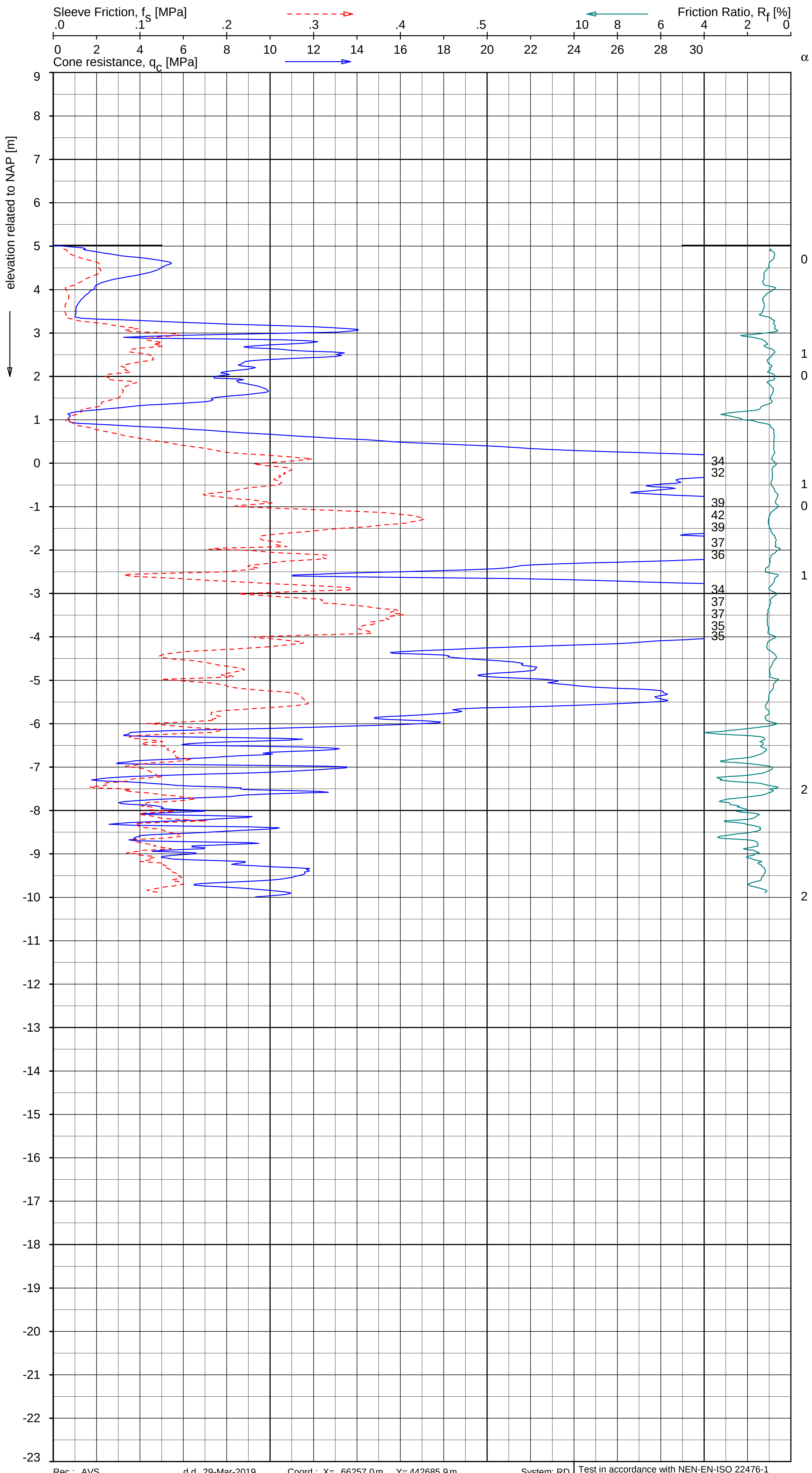
Rec.: AVS d.d. 29-Mar-2019 Coord.: X= 66238.9 m Y= 442694.4 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.00 m Cone: CP15-CF75SN2 1701-2570

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

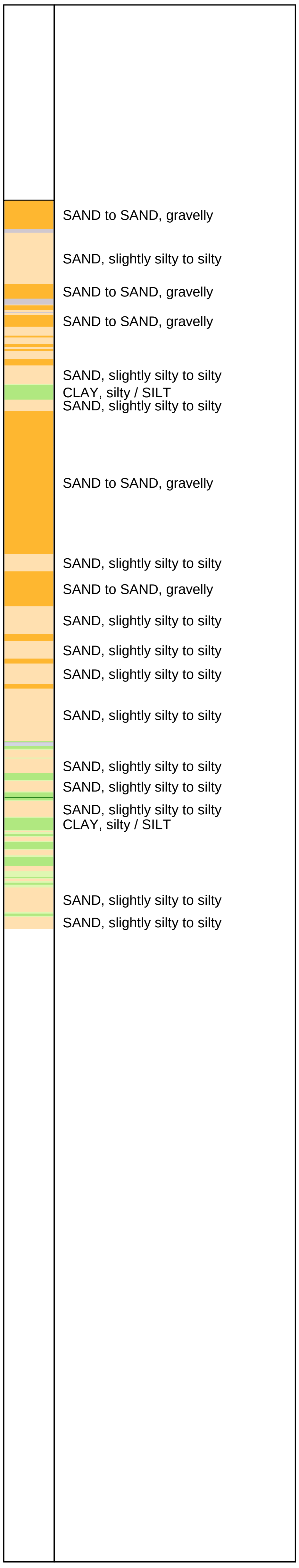
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT232



Indicative soil classification

Automatically generated from CPT data
Valid below groundwater level
(Robertson 1990, NL corr.)



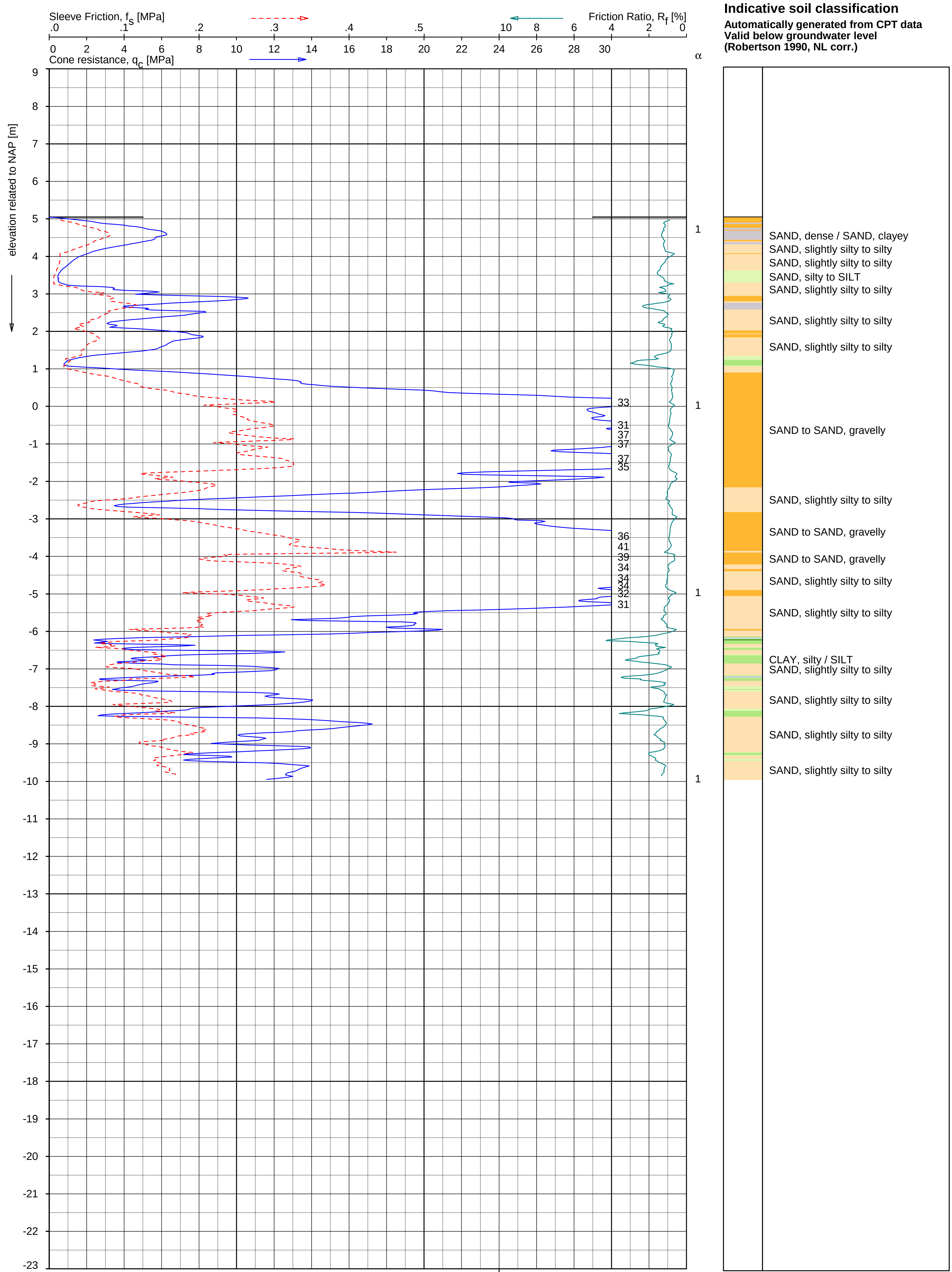
UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:03:12

Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66257.0 m	Y= 442685.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.02 m	Cone: CP15-CF75SN2	1701-2570	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT233



UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:03:47

1018-0481-001

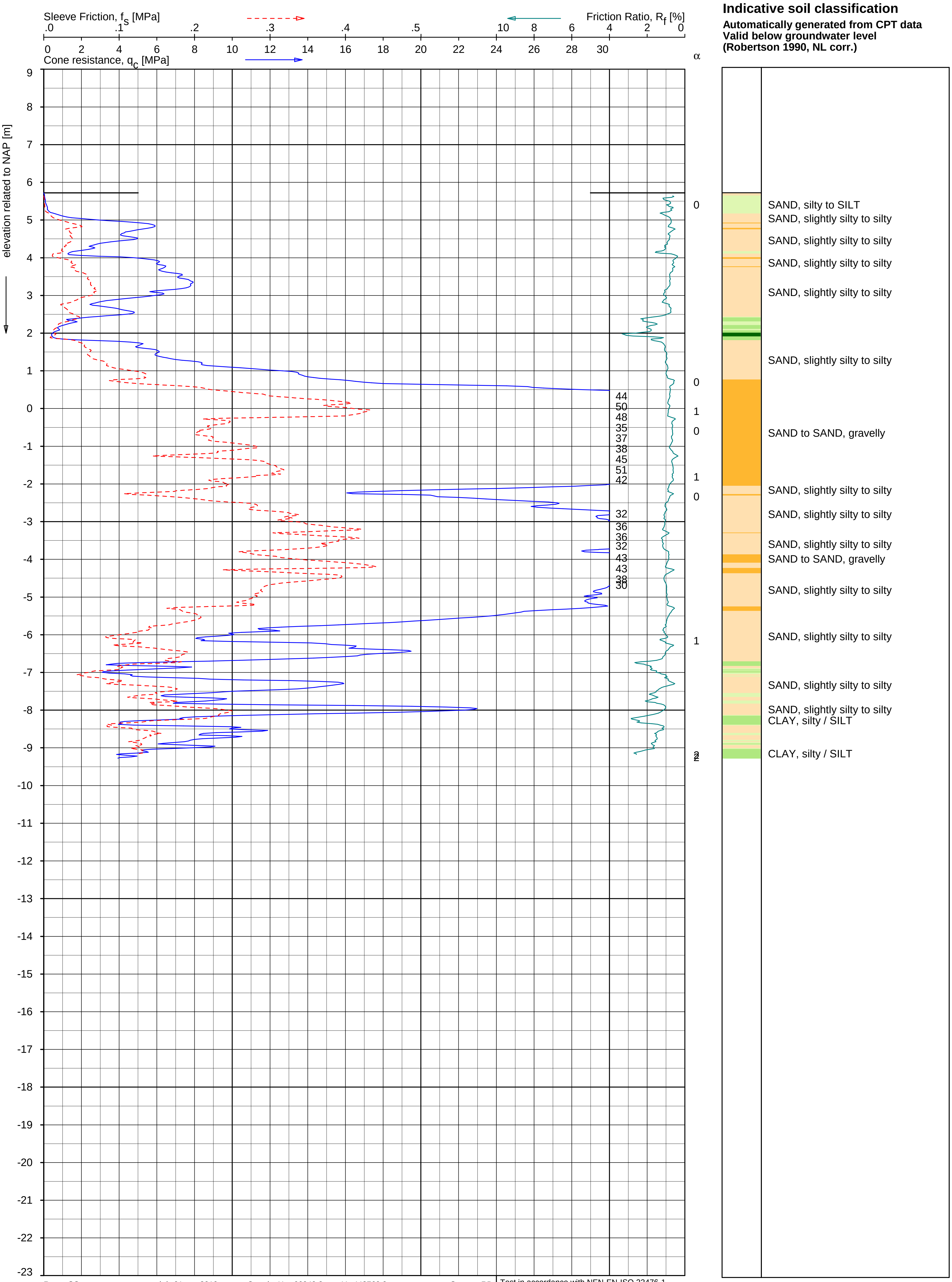
CPT234 - 1

Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66275.1 m Y= 442677.5 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.05 m Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT234

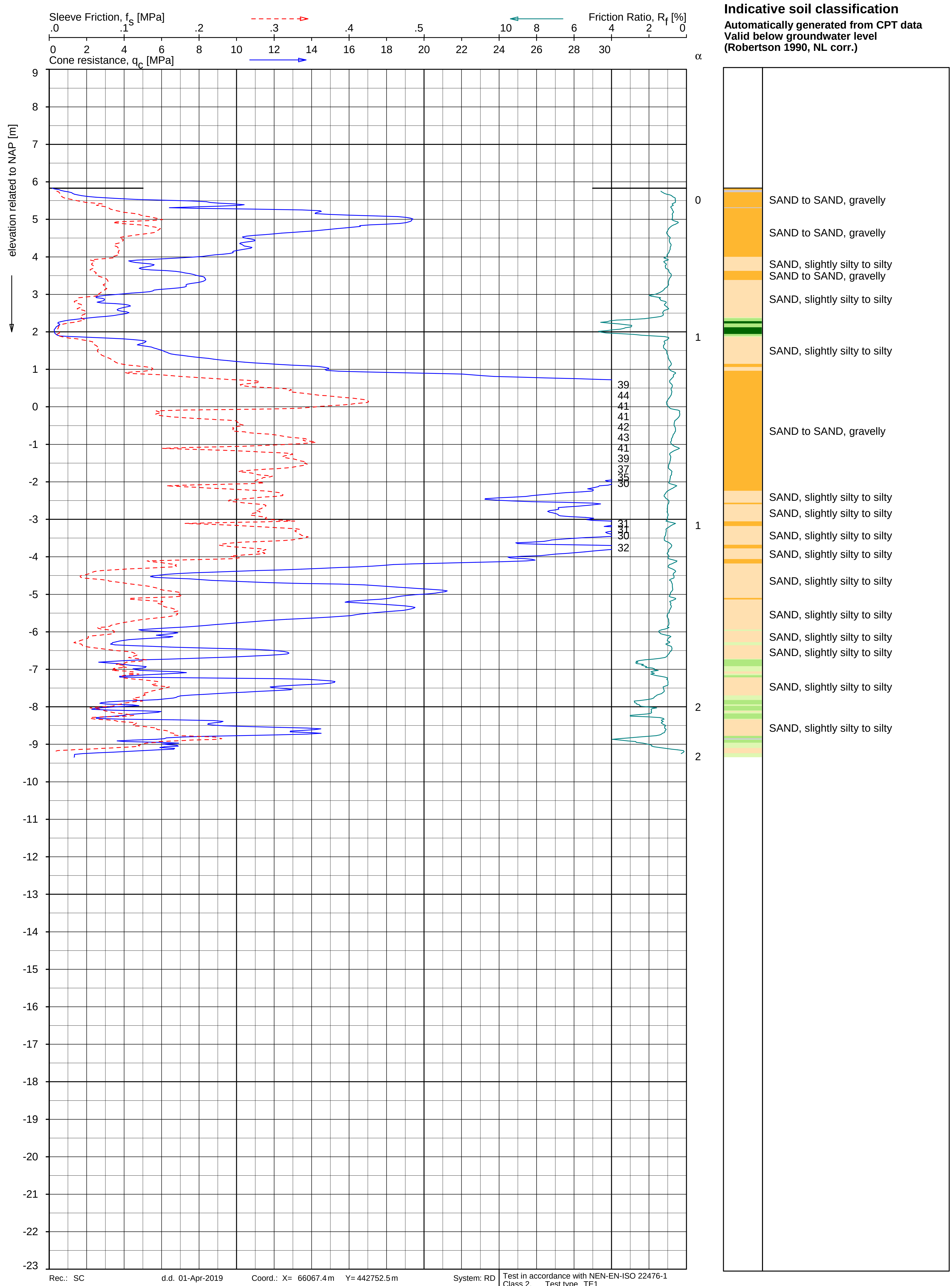


Rec.: SC	d.d. 01-apr-2019	Coord.: X= 66049.2 m Y= 442760.9 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : F.DEVALK	d.d. 10-mei-2019	GL = NAP +5.72 m Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT235



Rec.: SC d.d. 01-Apr-2019 Coord.: X= 66067.4 m Y= 442752.5 m System: RD

Proc. : U.Gumuliauskaite d.d. 16-Apr-2019 GL = NAP +5.83 m Cone: CP15-CF75SN2 1701-2570

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

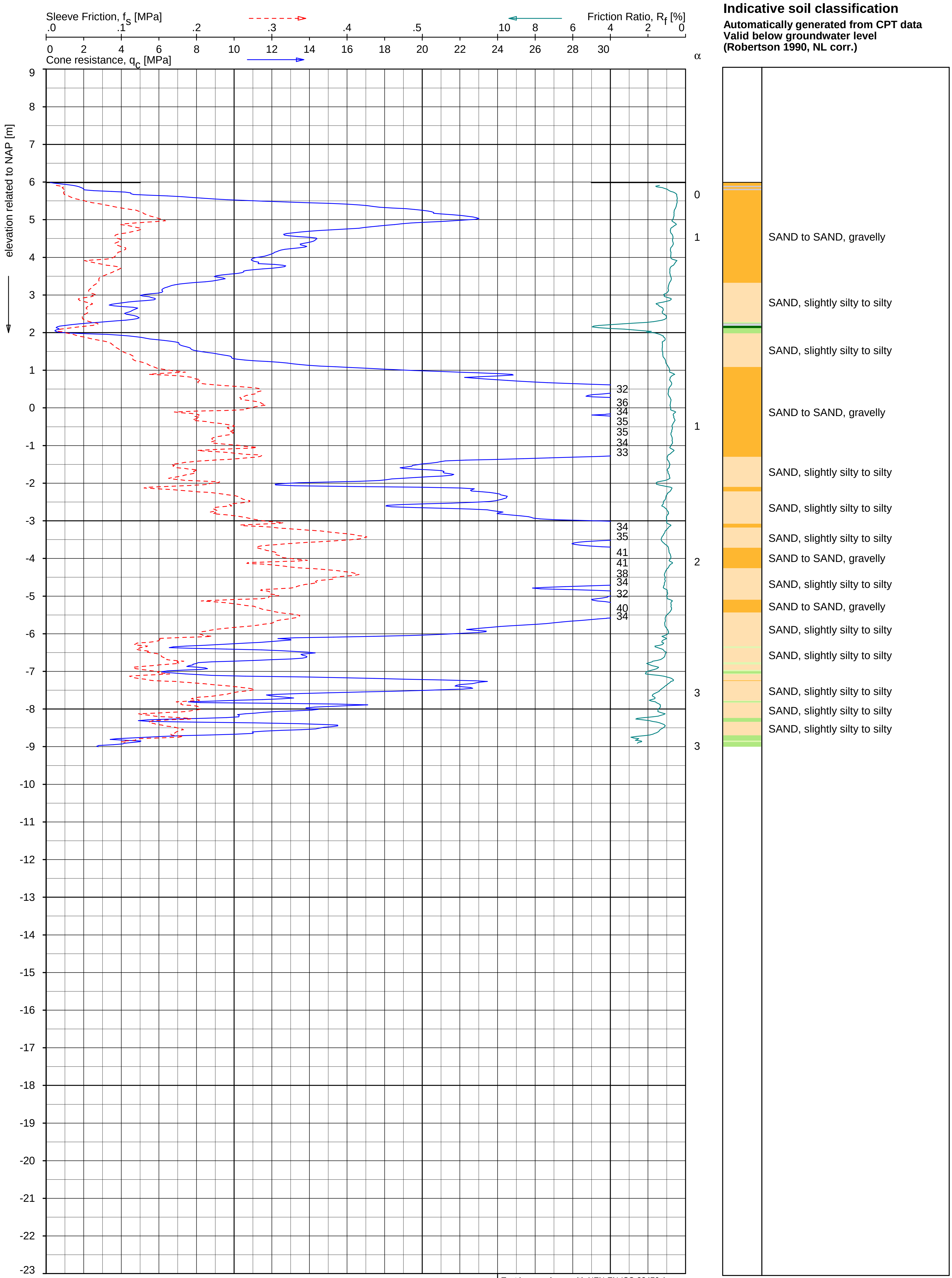
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT236

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:04:29

1018-0481-001

CPT236 - 1

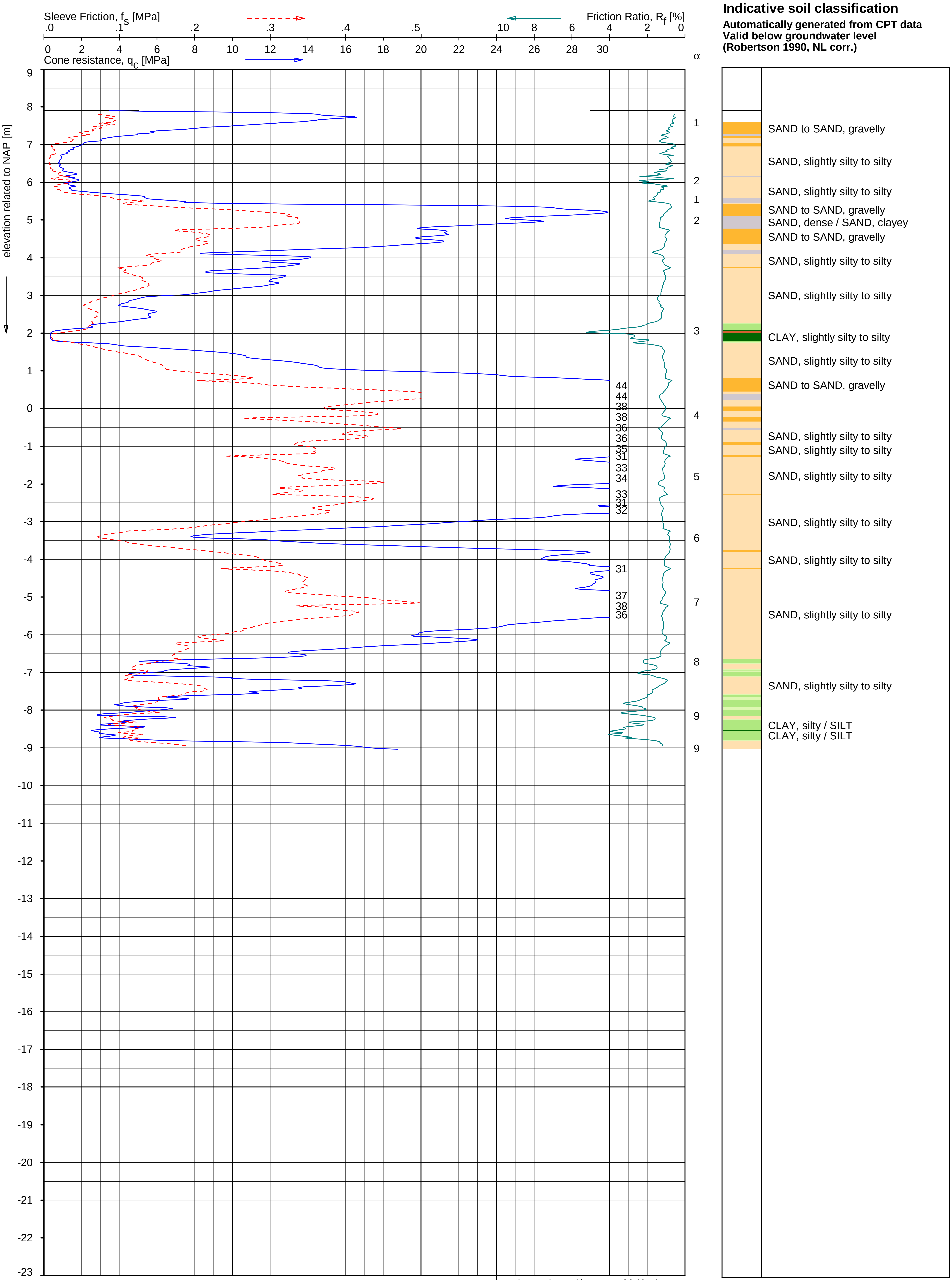


Rec.: SC d.d. 01-Apr-2019 Coord.: X= 66085.5 m Y= 442744.0 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.99 m Cone: CP15-CF75SN2 1701-2674
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT237



Rec.: CV/ d.d. 18-Apr-2019 Coord.: X= 66103.6 m Y= 442735.5 m System: RD
Proc. : U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +7.90 m Cone: CP15-CF75SN2 1701-2806

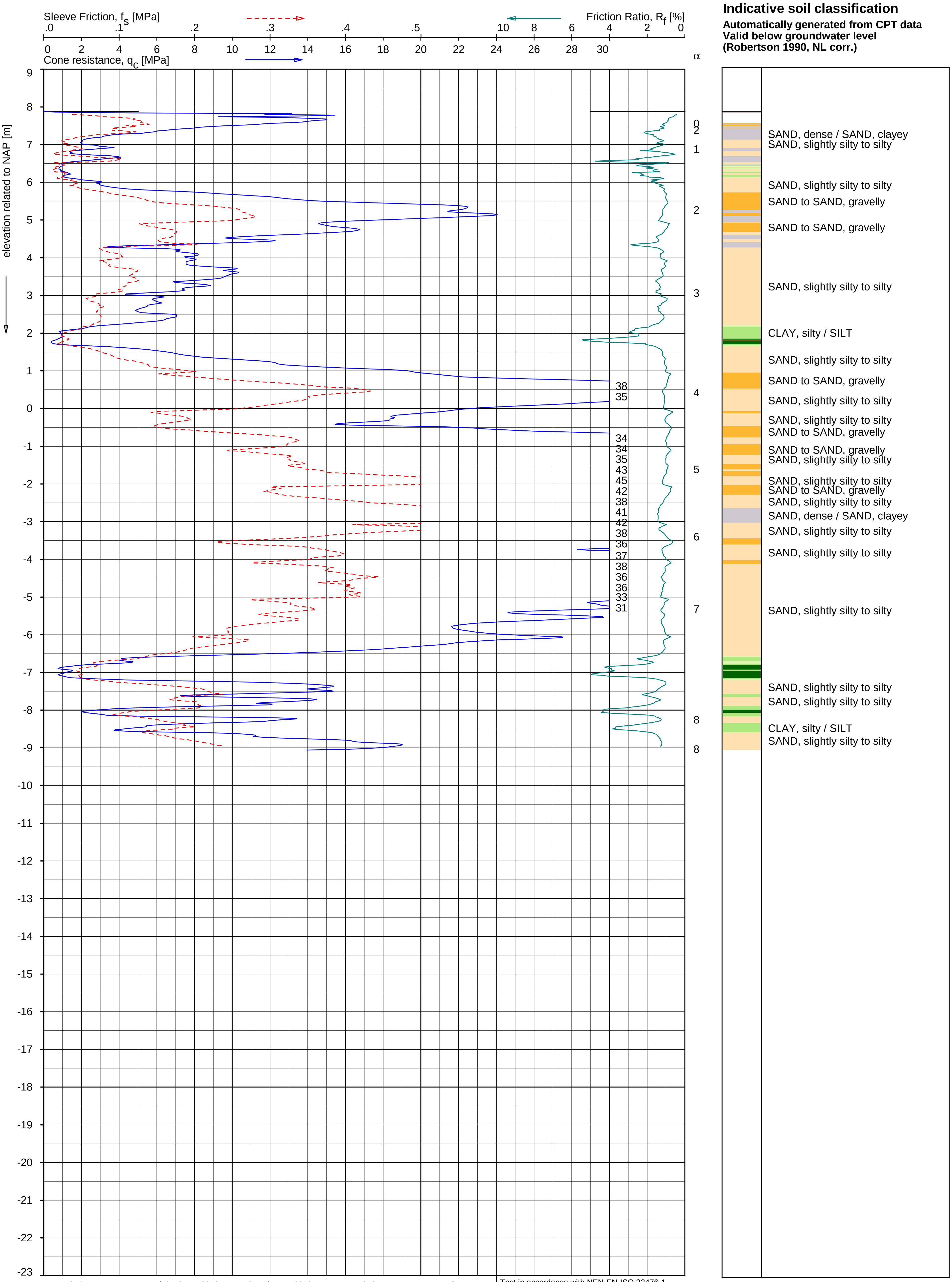
Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT238

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:33



Rec.: CV/	d.d. 18-Apr-2019	Coord.: X= 66121.7 m Y= 442727.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +7.88 m Cone: CP15-CF75SN2	1701-2806	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

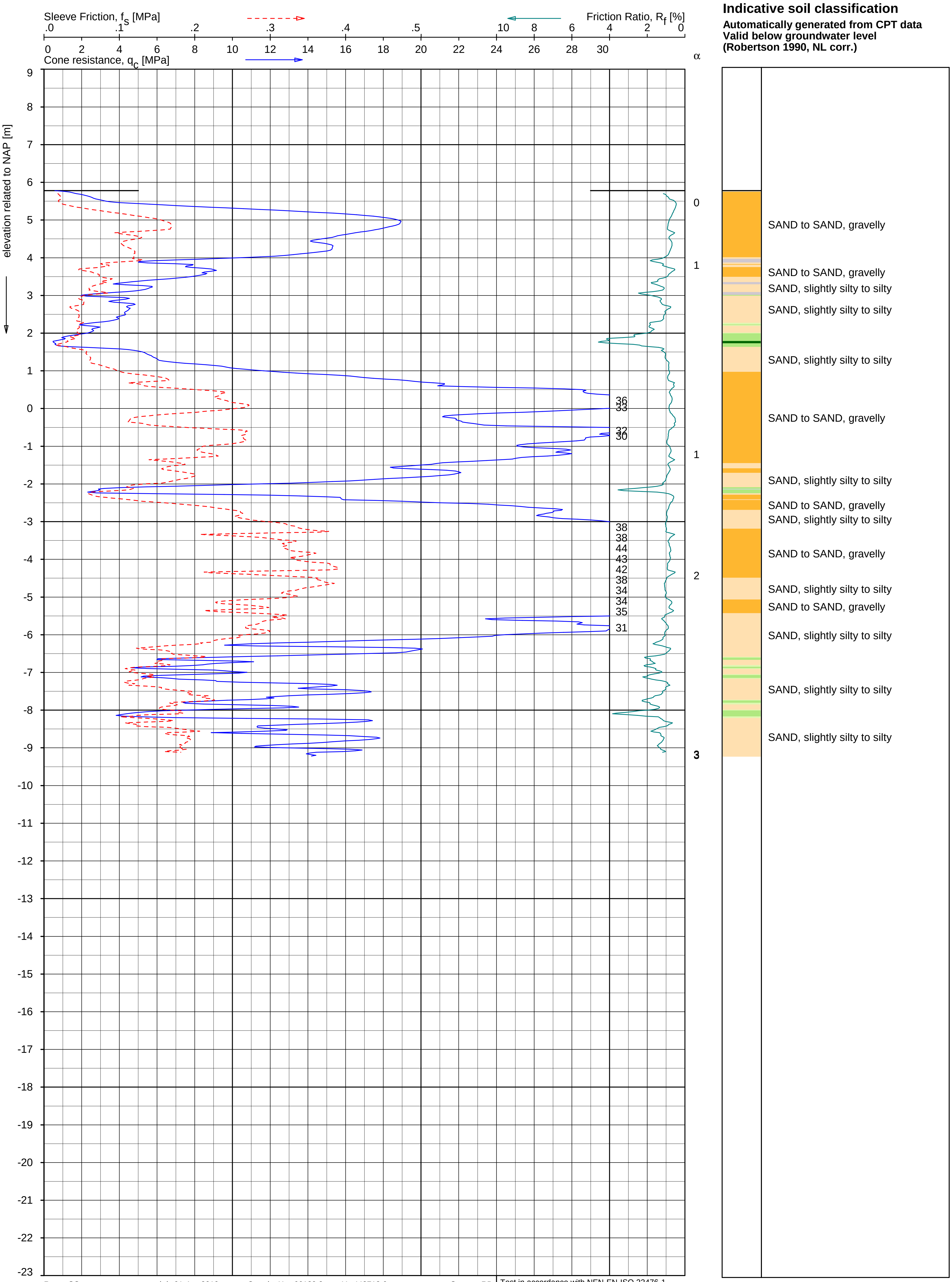
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT239

1018-0481-001

CPT239 - 1



Rec.: SC	d.d. 01-Apr-2019	Coord.: X= 66139.8 m Y= 442718.6 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.78 m Cone: CP15-CF75SN2	1701-2570	Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

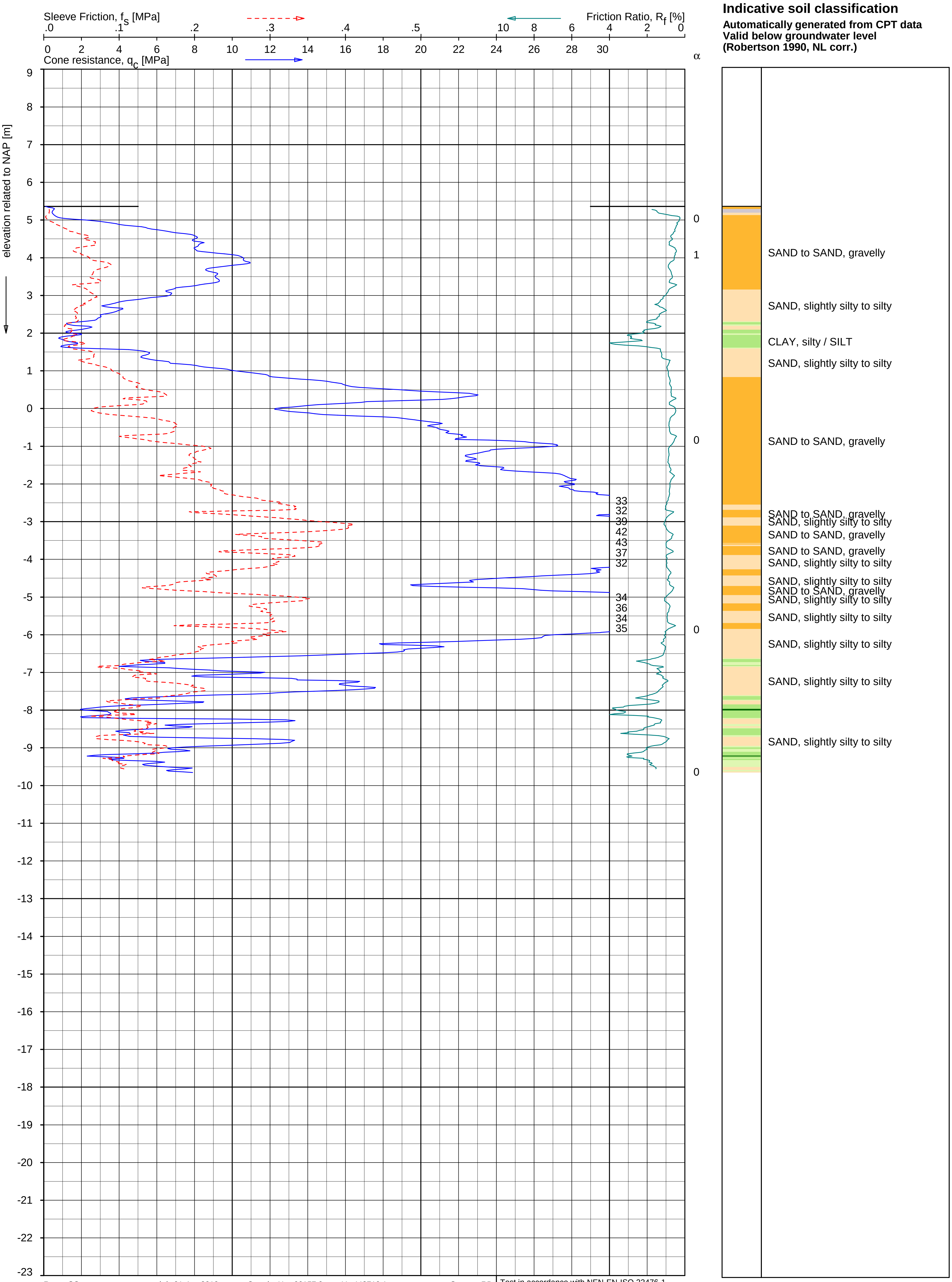
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT240

1018-0481-001

CPT240 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:02:47



Rec.: SC	d.d. 01-Apr-2019	Coord.: X= 66157.9 m	Y= 442710.1 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.36 m	Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

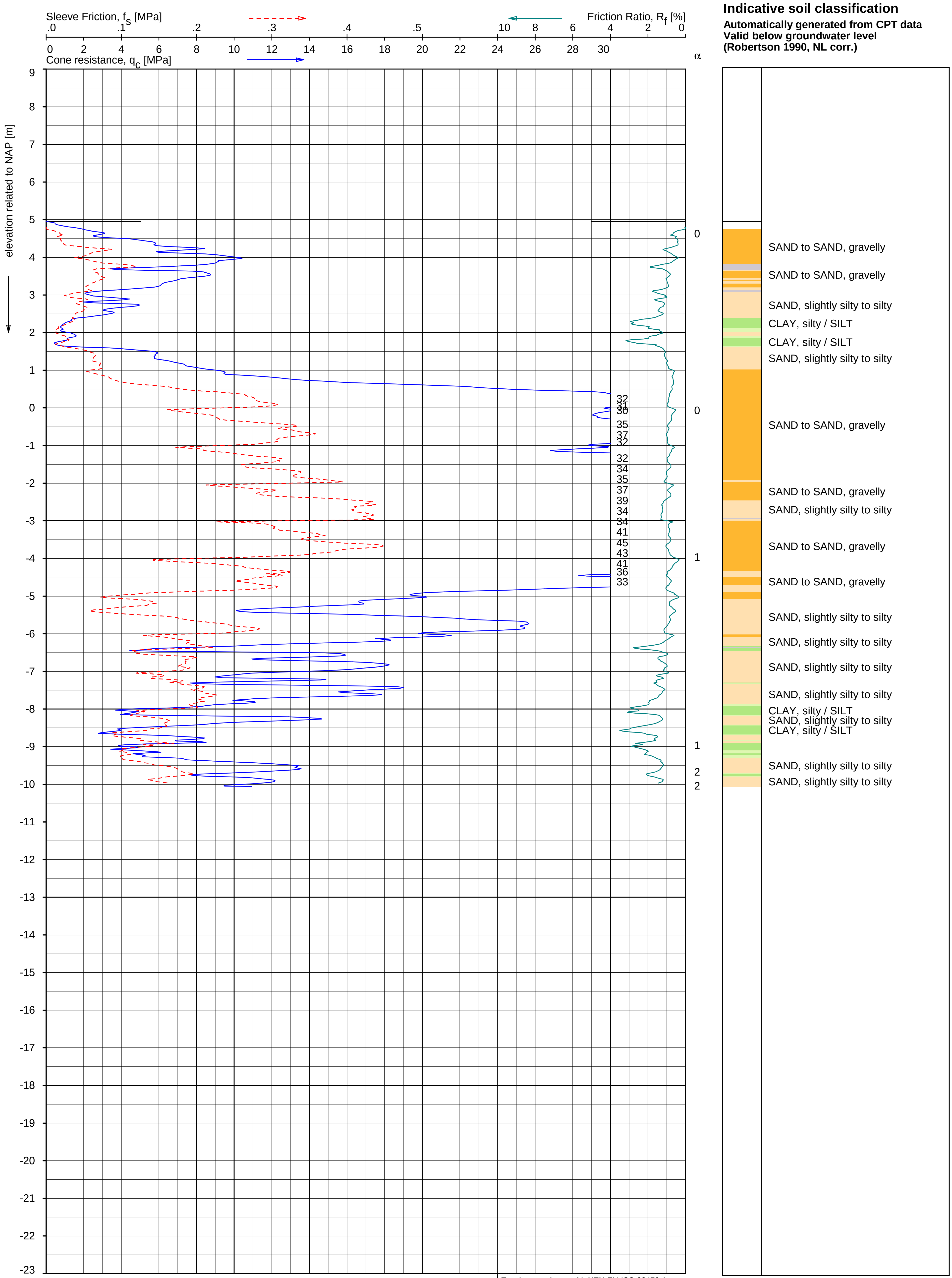
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT241

1018-0481-001

CPT241 - 1

UNIPLOT 05.36.nl / QcFsClass-R3.ucf / 2019-04-29 14:04:32



Rec.: AVS d.d. 29-Mar-2019 Coord.: X= 66176.1 m Y= 442701.7 m System: RD

Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +4.95 m Cone: CP15-CF75SN2 1701-2570

Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1

Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

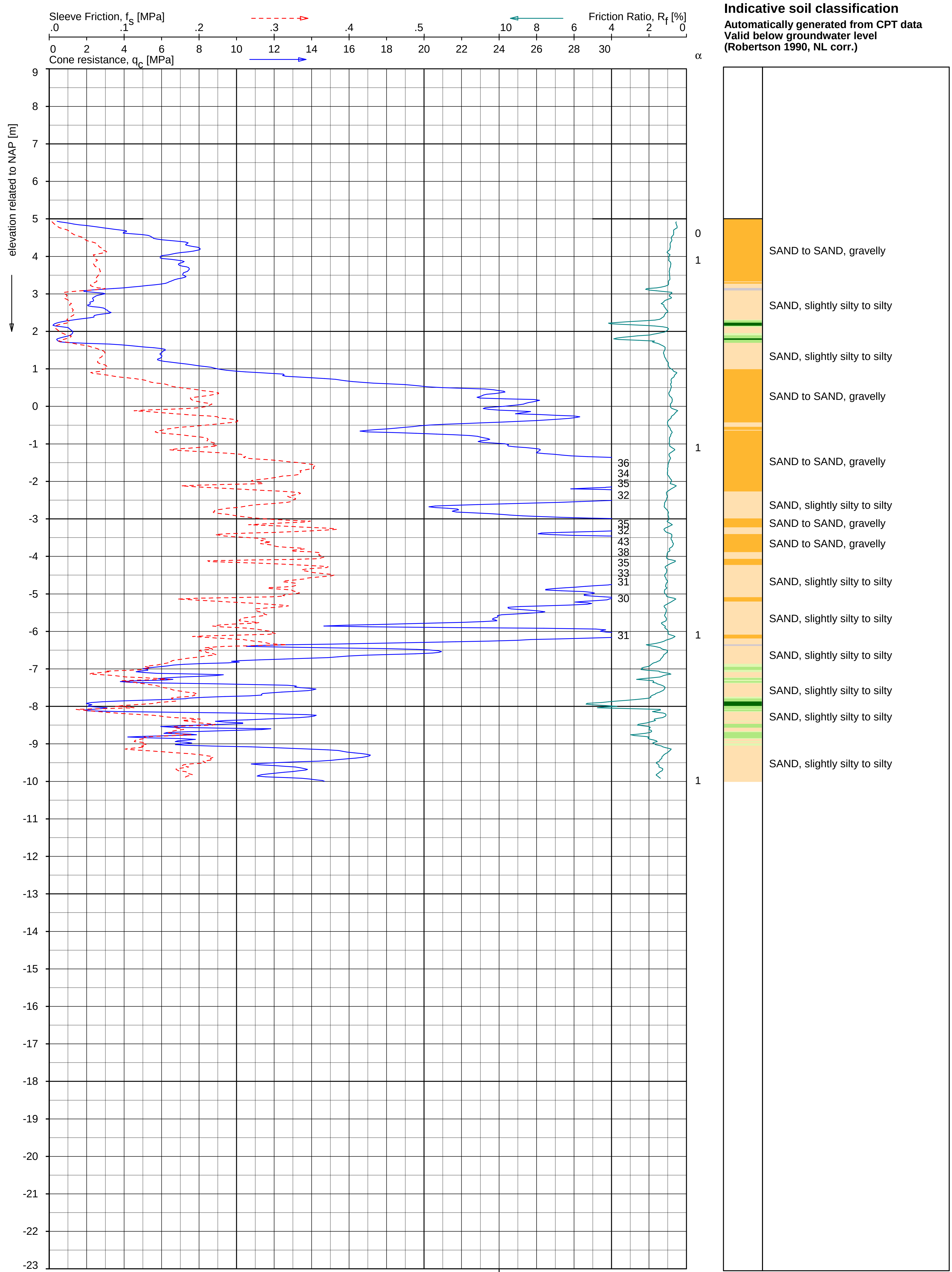
PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001

Cpt CPT242

1018-0481-001

CPT242 - 1



Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66194.2 m	Y= 442693.2 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.00 m	Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT243

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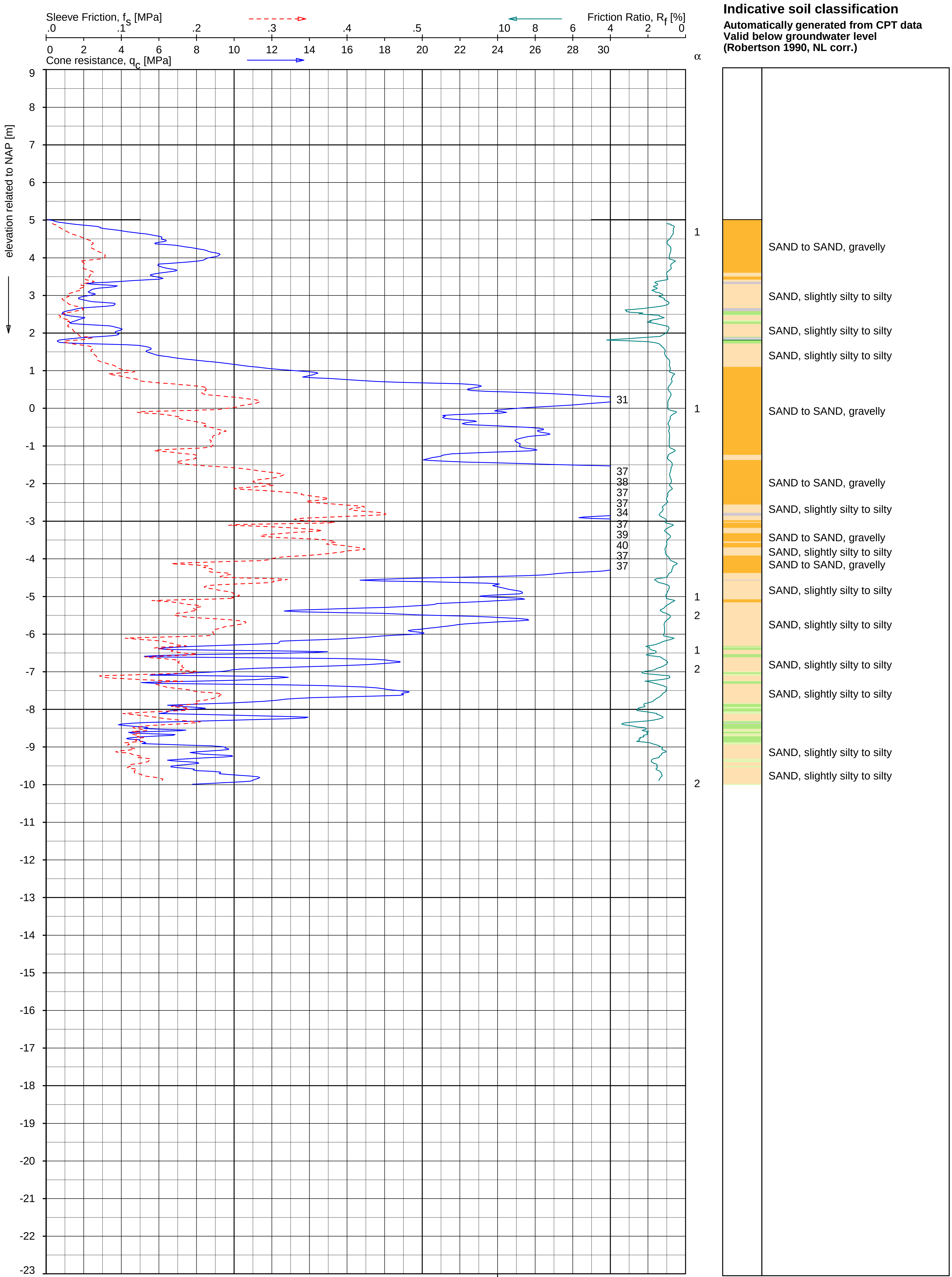


Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66212.3 m	Y= 442684.7 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.01 m	Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1 Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

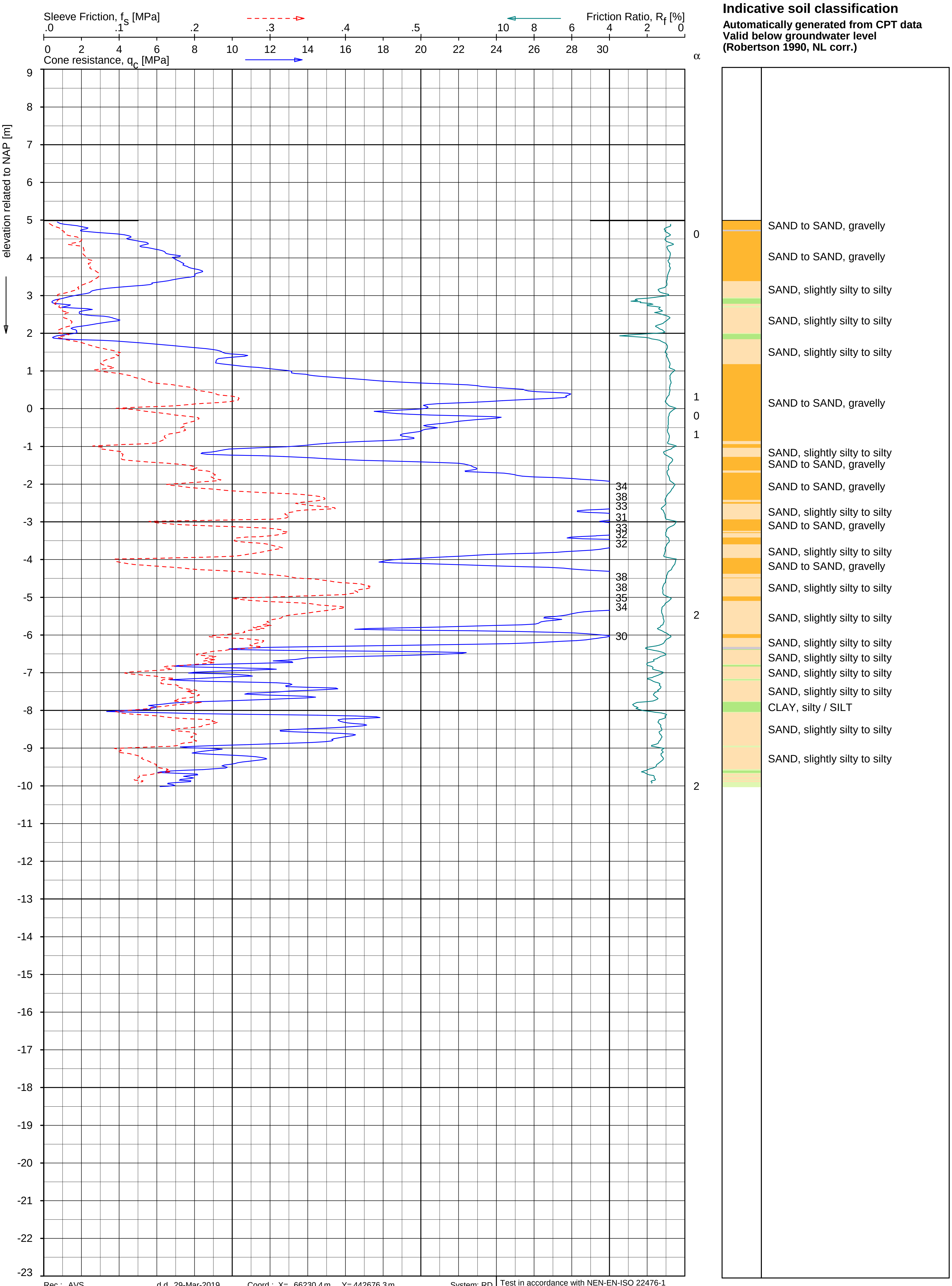
CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT244

1018-0481-001

CPT244 - 1

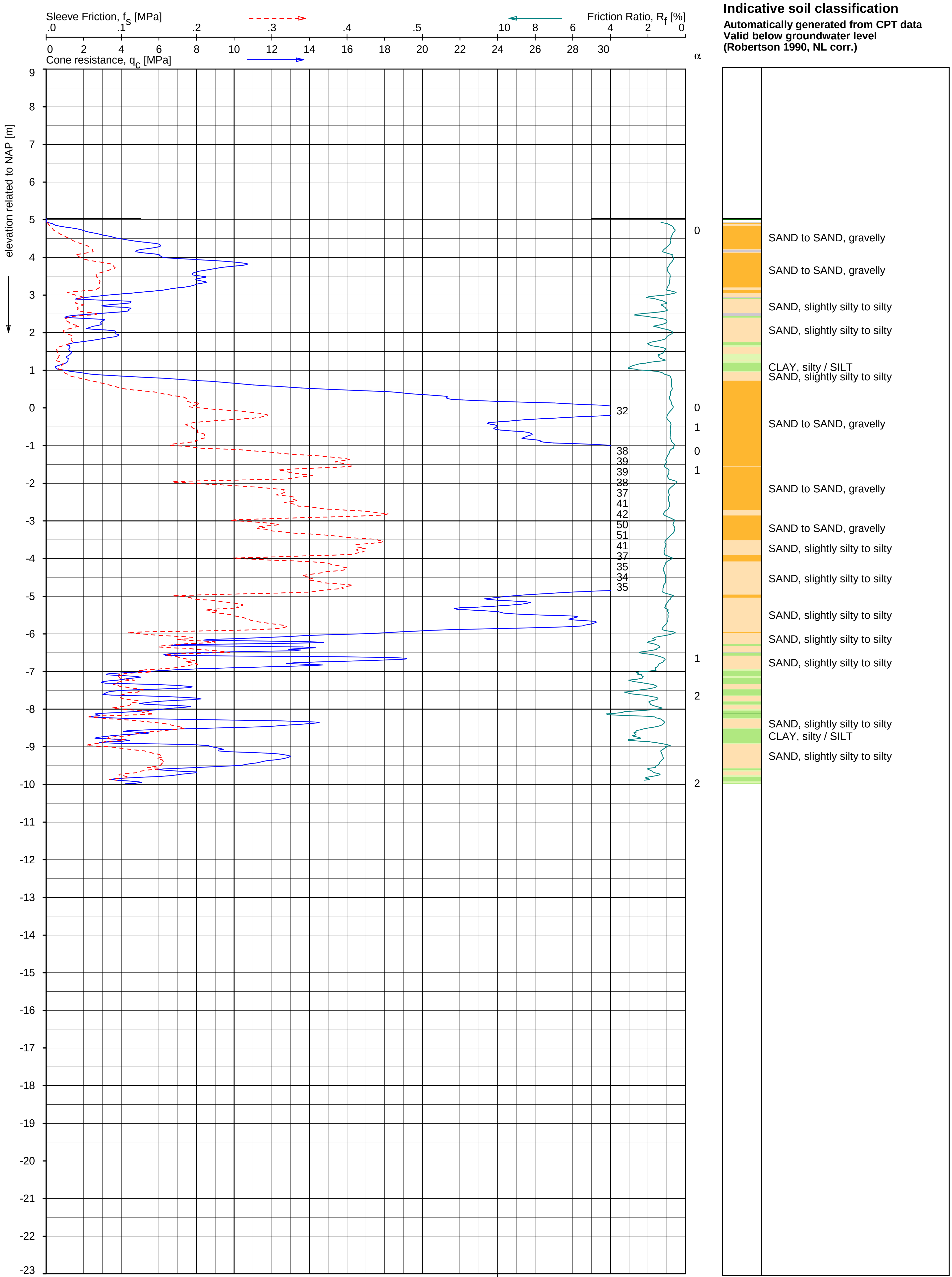


Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66230.4 m, Y= 442676.3 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +4.99 m, Cone: CP15-CF75SN2	1701-2570	Class 2. Test type TE1; Cone type: A_c = 1510 mm^2; A_s = 19895 mm^2

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT245

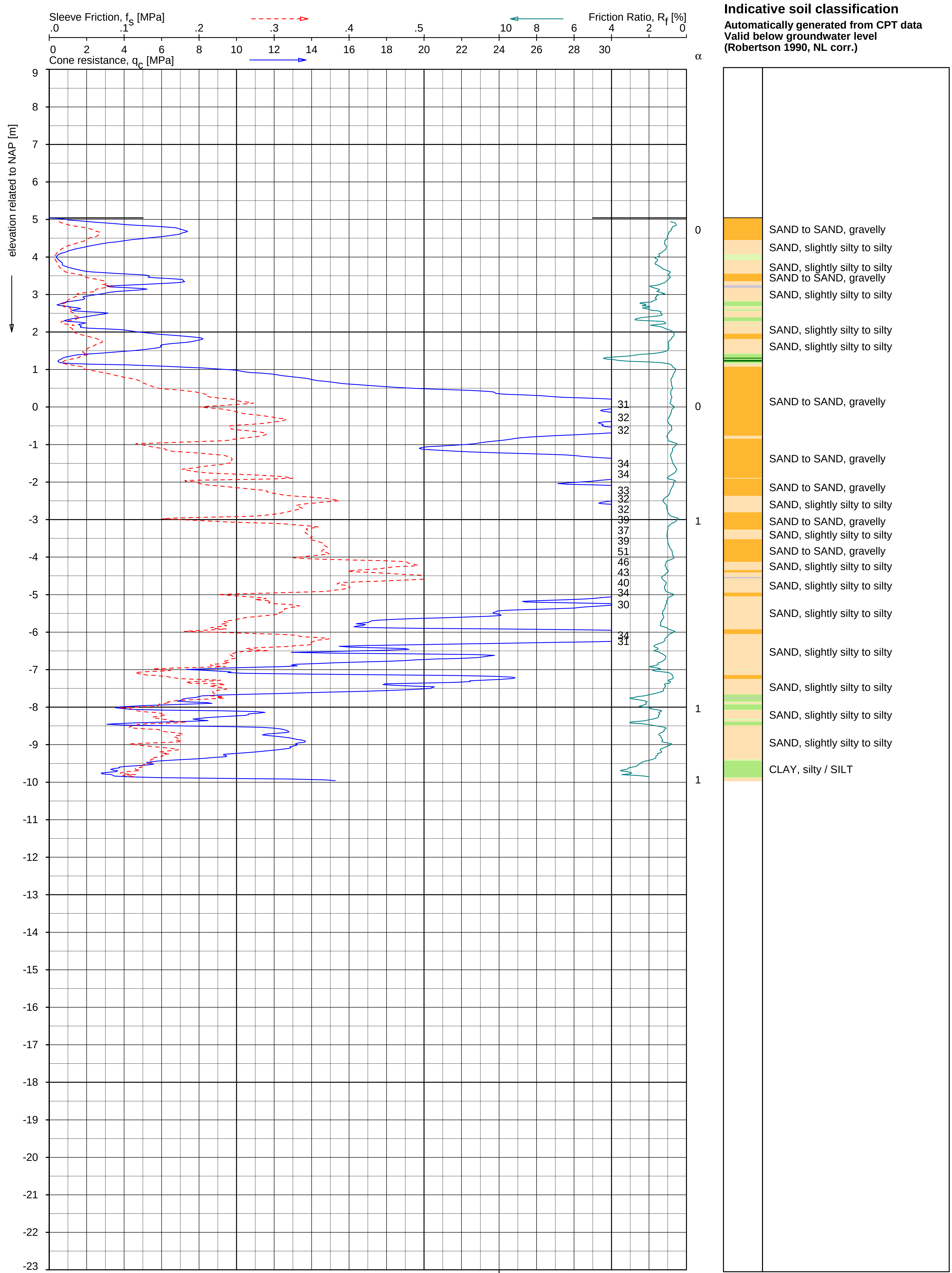


Rec.: AVS	d.d. 29-Mar-2019	Coord.: X= 66248.5 m	Y= 442667.8 m	System: RD	Test in accordance with NEN-EN-ISO 22476-1 Class 2. Test type TE1
Proc. : U.Gumuliauskaite	d.d. 29-Apr-2019	GL = NAP +5.03 m	Cone: CP15-CF75SN2	1701-2570	Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT246



Rec.: AVS d.d. 29-Mar-2019 Coord.: X= 66266.7 m Y= 442659.3 m System: RD
Proc.: U.Gumuliauskaite d.d. 29-Apr-2019 GL = NAP +5.04 m Cone: CP15-CF75SN2 1701-2570

Test in accordance with NEN-EN-ISO 22476-1
Class 2. Test type TE1
Cone type: A_c = 1510 mm²; A_s = 19895 mm²

CONE PENETRATION TEST WITH LOCAL FRICTION

PROJECT EUROPOORT ROTTERDAM

Proj. 1018-0481-001
Cpt CPT247

COORDINATES AND HEIGHT OF RESEARCH POINTS

If the level and the coordinates of the Ground Investigation locations are surveyed in RD (X, Y) and NAP (Z) coordinates, the maximum deviation of the measurement of coordinates is 10 cm, the maximum deviation of the measurement of the level is 5 cm. For projects where Ground Investigation location(s) have been surveyed relative to a local fixed point, the maximum deviation of the measurement of the level is 5 cm, the maximum deviation of the measurement of coordinates is 25 cm.

If Ground Investigation sites are not referenced to a fixed reference, the investigation does not conform to requirements set in NEN-EN-ISO 22476-1.

The level determination of the investigation location(s) is to enable the soil and/or rock profile to a known reference level. The survey data is not suitable for any purposes other than this site investigation.

CONE PENETRATION TESTING

The CPT's are performed in accordance with existing directives and the NEN-EN-ISO-22476-1. A description of the measurement and registration method is given in the appendix "Electric Cone Penetration Testing".

DRILLING

Drilling of the boreholes (are) carried out using the standard tools and sinker bars and temporary threaded steel casing as the ground conditions dictate. All sampling and in-situ testing are performed in accordance with the work instruction or as directed by the (client) Engineer. Specific technical details of any equipment shall be held in the Fugro office and can be provided on request

Manually drilling is performed by a hand auger.

The work is performed in accordance with the NEN-EN-ISO 22475-1.

The standpipe installed in the boreholes are performed in accordance with the NEN-EN-ISO 22475-1. The filter depth, gravel pack and bentonite are indicated on the drilling graphics. The boreholes with standpipes are with corresponding symbol shown on the site plan.

Undisturbed samples during mechanical drilling can be acquired by:
- pressing or driving a liner (Ackermann) into the soil
- pressing a Piston liner
- pressing a Gelpush sample

For manual drilling soil sampling is performed with a Van der Horst core sampler.

During drilling activities disturbed samples are taken and classified on site. If laboratory work is performed after the fieldwork, the samples will be classified in additional detail in the laboratory. In case of differences between the field and laboratory classification, the laboratory classification is leading.

The classification of the soil is carried out in accordance with NEN 5104.

GROUNDWATER LEVELS

The (ground)water level(s) are a single measurement and intended as exploratory data. The groundwater level may fluctuate over time under influence of the weather and the seasons

QUALITY ASSURANCE

All work is performed in accordance with the management system of Fugro NL Land B.V. that complies with the ISO 9001:2008 and SCC ** 2008/05. The calibration sheet(s) of used cone(s) can be acquired upon request.

Measurement
In 1965 Fugro developed an electrical cone penetrometer, of which the shape and dimensions formed the basis for the present cone penetrometer designs. During penetration measurements of the cone penetrometer: cone resistance, sleeve friction and inclination are recorded simultaneously. Since February 2013 the new standard *NEN-EN-ISO 22476-1:2012/C1:2013* applies instead of the old Dutch NEN 5140. NEN-EN-ISO 22476-1:2012 deals with the accuracy requirements of measurement, the execution of and reporting on electrical cone and piezo cone penetration tests as part of geotechnical investigation and testing according to EN 1997-1 and EN 1997-2.

When performing a penetrometer test in accordance with NEN-EN-ISO 22476-1: 2012 / C1:2013, the cone penetration resistance will be measured, while pushing the cone penetrometer with a nominal apex angle of 60º and a cross-sectional area of 1,000 mm^2 with uniform penetration rate of about 20 mm/s (approximately 1 inch per second) into the ground. Hence, a 20 m CPT can be completed (start to finish) in about 30 minutes. The friction sleeve is situated directly above the cone tip with a nominal surface area of 15,000 mm^2 to allow measurement of the sleeve friction. The force on the cone (cone penetration resistance in MPa) and the local friction along the friction jacket (local sleeve friction in MPa) are continuously measured by strain gauges in the cone. According to NEN-EN-ISO 22476-1 no correction factors have to be applied when the base area of the cone varies between 5 (mini-cone) and 20 cm^2 (large cone). Fugro uses commonly a standard cone with a base area of 15 cm^2 and a friction sleeve area of 200 cm^2, which are more robust and can be applied in dense soil conditions.

The measurement signals are sent directly to an electrical measurement unit, and stored along with depth and time. Final processing is carried out in the office. Continuous recording of measured cone and sleeve friction is an accurate method to determine the stratification of the soil layers and resistance obtained from the soil. The cone penetrometer also includes an electrical inclinometer for measuring of deviations from the vertical. Depth measurements are usually corrected for inclination.

Interpretation of the cone penetration test with sleeve friction
With measurement of the cone penetration resistance q_c and the sleeve friction f_s it is possible to determine the friction ratio R_f. The friction ratio R_f is expressed as a percentage of the sleeve friction f_s, over the cone penetration resistance, q_c, at the same depth ($R_f = f_s/q_c$).

The friction ratio R_f together with the cone penetration resistance q_c gives a good indication of the soil stratigraphy and soil type *below* the ground water table. It is noted that the above interpretation applies to cylindrical cone penetrometers only and to soils permanently below the ground water table. The interpretation is indicative and should be verified, for example by correlation with boreholes or other locally available information as geology and/or experience.

Soil type	Friction ratio in %	Soil type	Friction ratio in %
Gravel, coarse sand	0.2 – 0.6	Clay ; organic clay	3.0 – 5.0
Sand	0.6 – 1.2	Glacial clay; overconsolidated	5.0 – 7.0
Silt, loam, löss	1.2 – 4.0	Peat	5.0 – 10.0

In disturbed soil and soil above ground water table this correlation is less / not suitable.

Other types of penetrometers

In addition to the measurement of cone penetration resistance and sleeve friction, it is possible to carry out (combinations of) other measurements. In the table below some possibilities are indicated. Detailed information can be provided on request.

Type of sensor	Results	Application
Pore pressure u1 or u2	Pore pressure at the tip (u1) Pore pressure behind the tip (u2)	detection low permeability soil layers indication of the piezometric head interpretation of statigraphy and geotechnical soil behaviour
Magnetometer	Magnetic field in 3 orthogonal directions (X, Y,Z)	Investigation of unexploded shell, underground obstacles (steel pipes, ground anchors), pile tip elevation, battered piles, bottom sheet pile
Electrical conductivity	Electrical conductivity of the ground and ground water	Identification water quality, investigation of fresh/brackish water boundary, dispersion of pollutants
Temperature	Measurement of temperature on different depths	measurement of thermal conductivity of soil measurement of in-situ temperature gradient with depth
Seismic	Dynamic soil parameters on different depths	determination of low strain stiffness for machine or wind turbine foundations
Acceleration	acceleration on different depths	measurement of vibrations resulting from pile driving or traffic
MIP (membrane interface probe)	Vertical dispersion of vaporized (chlorinated) hydrocarbons	Investigation of weak / sumps layers and/or vaporized (chlorinated) hydrocarbons.
ROST (rapid optical screening tool)	Vertical dispersion of (aromatic) hydrocarbons	Investigation of weak / sumps layers and/or (chlorinated) hydrocarbons.

CPTU Equipment

Fugro piezo-cone penetrometers give a continuous registration of the pore water pressure, the cone penetration resistance and also the sleeve friction. Included in the cone penetrometer is an internal sensor for measuring (pore) pressure either at the face of the cone (u_1) or at the cylindrical extension of the cone tip (u_2), see figure 1. The u_3 location immediately above the friction sleeve is exceptional. Fugro penetrometers are always equipped with a non-directional inclinometer.

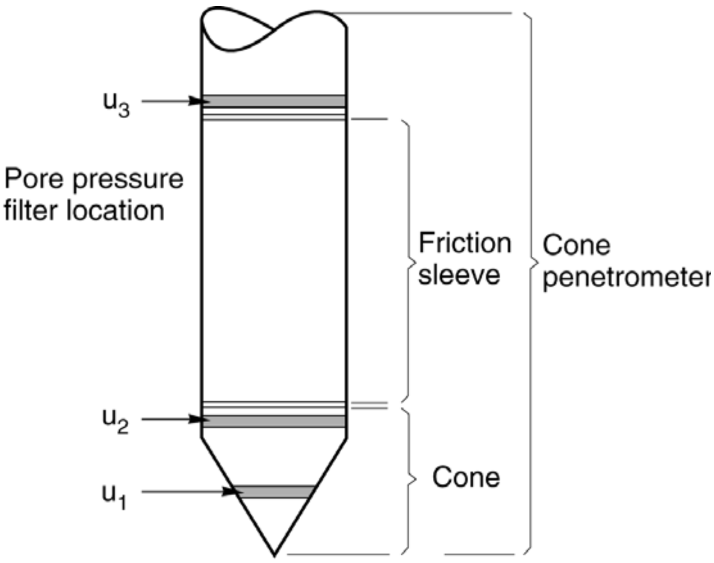


Figure 1 Piezo-cone penetrometer

The pressure sensor is located at the same level as the filter and has direct contact to the pore water. The construction of the penetrometer is such that no air is entrapped, that could possibly disturb the response of the pressure sensor. The pressure sensor used requires a minimum flow of water and provides a high output. Only a volume of 0.2 mm^3 is necessary for full scale output. The measuring range is chosen on basis of the expected excess pore water pressures during penetration. In stiff clays these values may exceed 3 MPa (300 m of water) or higher.

Procedure of the CPTU
The entire measuring system should be fully de-aired and filled with non-compressible liquid in order to measure pore water pressures correctly. Loss of saturation by leakage of liquid may occur when penetrating unsaturated zones above the groundwater table. For that reason a high viscosity liquid is used for saturation of the filter (either ceramic or stainless steel) and the cone. Additionally, the cone is fitted with a rubber membrane.

In case of a relatively high ground water table the CPTU is executed preferably from a predrilled bore hole to avoid loss of saturation and problems with the rubber membrane. The (excess) pore water pressure and the cone penetration resistance are recorded continuously during cone penetration.

Interpretation of the CPTU
Results of electric PCPTs include cone penetration resistance (q_c), local sleeve friction (f_s), friction ratio (R_f), measured pore water pressure (u_1 in the cone or u_2 at the cylindrical extension of the cone) and the pore pressure ration (B_q).

With respect to the interpretation of the soil profile the measured pore water pressures during cone penetration provide important additional information in geotechnical and geohydrological point of view. Combining the measured cone penetration resistance and pore water pressure and, preferably, the sleeve friction, yields optimal use of the CPT methodology. Furthermore, it allows for efficient planning of additional soil investigation.

The excess pore water pressure (increase in pore water pressure due to penetration of the cone) plays an important role when interpreting CPTU results.

The (excess) pore water pressures during cone penetration allow for detection of thin cohesive layers interbedded in a sand layer or thin sand layers interbedded in a clay layer that cannot be detected from the friction ratio because of averaging the friction resistance over the height of the friction sleeve. These layers may have a large influence on the settlement of foundations and on the (vertical) permeability of the soil.

The piezo-cone, in particular with u_1-measuring, provides additional information to be able to distinguish thin bedded soil layers from homogeneous soil layers. This refers to both sand and clay layers. In these soils friction ratio and cone penetration resistance alone often provides insufficient information. For this purpose, measuring u_1 is more suitable for identification of soils than measuring with u_2.

Pore pressure ratio B_q
The pore pressure ratio B_q allows for a more reliable soil classification. This ratio is defined as the excess pore water pressure divided by the net cone penetration resistance q_{net}. Parameter q_{net} is the measured cone penetration resistance q_c including corrections for hydrostatic and transient pore pressures, in-situ stress, and cone construction, in formula:

$B_q = \beta \cdot (u_1 - u_0) / q_{net}$ or $B_q = (u_2 - u_0) / q_{net}$

where:

β	=	adjustment factor for the ratio of pore pressure at the cylindrical extension above the base of the cone (u_2) to pore pressure on the cone face (u_1). Default value is 0.8 as for normally consolidated clay, see table below;
q_{net}	=	$q_t - \sigma_{v0}$ = net cone penetration resistance;

q_t	=	$q_c + (1\text{-}a)\cdot\{\beta\cdot(u_1 - u_0) + u_0\}$	filter at the face of the cone;
	=	$q_c + (1\text{-}a)\cdot u_2$	filter at the cylindrical extension of the cone;
σ_{v0}	=	in-situ vertical stress at the cone base, relative to ground surface or seabed. This is a calculated value, using bulk density of 14 kN/m^3 and ground water table at 1 m below ground surface (estimated averages) for standard onshore processing;	
a	=	net area ratio of the cross-sectional steel area (at the gap between cone and friction sleeve) to the cone base area.	
u_1	=	pore pressure at the face of the cone, relative to the reference level of the test;	
u_2	=	pore pressure at the cylindrical extension above the base of the cone, relative to the reference level of the test;	
u_0	=	hydrostatic pore pressure at the cone, relative to the phreatic surface. This is a calculated value using a ground water table at 1 m below ground surface as default value.	

The table below gives β-values for various types of soil.

Soil type	β - factor
Clay, normally consolidated	0.6 - 0.8
Clay, slightly over consolidated	0.5 - 0.7
Clay, heavily over consolidated	0[1) - 0.3
Silt, loose, compressible	0.5 - 0.6
Silt, dense, dilative	0[1) - 0.2
Sand, silty, loose	0.2 - 0.4

1) Occasionally, negative pore pressures are measured at the cylindrical extension above the base of the cone. These values provide only information on the soil behaviour and hardly on the permeability.

Pore pressure dissipation test
A penetration interruption may be used to perform a pore pressure dissipation test. With this test the dissipation of the excess pore water pressure as a function of time is measured. The penetration is continued after completion of the dissipation test.

In permeable soils the dissipation test is used to provide information on the hydrostatic pore water pressure and the piezometric head. Due to measuring uncertainties the accuracy is limited. More accurate evaluation is possible by executing a number of dissipation tests in the same soil layer and calculating the average value. From experience the inaccuracy is estimated at 0.5 m.
Recording the water table in standpipes during an extended period of time reveals more accurate values of piezometric head and its fluctuations.

In low permeable, cohesive soils the dissipation test is used to provide information on the coefficient of consolidation and on the coefficient of permeability in vertical direction. In this case, the duration of the dissipation test needs to be long enough to allow for a decrease in excess pore water pressure of at least 50%. In average a dissipation test in sand takes about 5 to 10 minutes to reach a constant value. In cohesive layers this process takes, depending on the consistency, usually 30 to 45 minutes or more. From calculations and qualitative comparisons of measuring results, information is obtained on the consolidation behaviour of the soil.

In clayey soils the dissipation test is not suitable to determine the hydrostatic pore water pressure because of the long time to reach 100% dissipation and the inaccuracy.

Classification according to EN-ISO 22476-1
Before starting the execution of SPT-tests the required application class as described in the standard **EN-ISO 22476-1** should be determined in order to select the appropriate equipment. The application class depends on the soil conditions and allowable minimum accuracy of the measured parameters and relates to the accuracy of the measured parameters. (Note: Not to the accuracy of the cone penetrometer instrument).

Application classes according to NEN-EN-ISO 22476-1:2012

Application class	Type of cone penetration test	Measured parameter	Allowable minimum accuracy [a]	Maximum length between measurements	Suggested use	
					Soil type [b]	Interpretation [c]
1	TE 2	Cone resistance, q_c Sleeve friction, f_s Pore pressure, u Inclination, i Penetration depth, l	35 kPa of 5 % 5 kPa of 10 % 10kPa of 2 % 2° 0.1 m of 1%	20 mm	A	G, H
2	TE1 TE2	Cone resistance, q_c Sleeve friction, f_s Pore pressure, u Inclination, i Penetration depth, l	100 kPa of 5 % 15 kPa of 15 % 25 kPa of 3 % 2° 0.1 m of 1 %	20 mm	A B C D	G, H* G, H G, H G, H
3	TE1 TE2	Cone resistance, q_c Sleeve friction, f_s Pore pressure [d], u Inclination, i Penetration depth, l	200 kPa of 5 % 25 kPa of 15 % 50 kPa of 5 % 5° 0.2 m of 2 %	50 mm	A B C D	G G, H* G, H G, H
4	TE1	Cone resistance, q_c Sleeve friction, f_s Penetration depth, l	500 kPa of 5 % 50 kPa of 20 % 0.2 m of 1 %	50 mm	A B C D	G* G* G* G*

Annotation 1 For extremely soft soils, even higher demands on the accuracy can be needed.

[a] The allowable minimum accuracy of the measured parameter is the larger value of the two quoted. The relative or % accuracy applies to the measurement rather than the measuring range or capacity.

[b] According to ISO 14688-2:

- A Homogeneously bedded soils existing of very weak tot stiff clay (and silt) (typically q_c < 3 MPa)
- B Mixed bedded soils with weak to stiff clays (q_c ≤ 3 MPa) and moderate to dense sand (typically 5 MPa ≤ q_c < 10 MPa)
- C Mixed bedded soils with stiff clays (typically 1.5 MPa ≤ q_c < 3 MPa) and very dense sand (typically q_c > 20 MPa)
- D Very stiff to hard clays (typically q_c ≥ 3 MPa) and very dense to gravely soils (q_c ≥ 20 MPa)

[c]
- G profiling and material identification with low associated uncertainty level
- G* indicative profiling and material identification with high associated uncertainty level
- H interpretation in terms of design with low associated uncertainty level
- H* indicative interpretation in terms of design with high associated uncertainty level

[d] Pore pressure can only be measured if TE2 is used.

For projects where the parameters are derived from table 2.b. NEN 9997-1, a higher accuracy is desired. However it is almost impossible to meet/fulfil the requirements for class 1 for soil profiles with both very weak soils and very dense sands with high cone resistance as shown in the table above.

Experiences have shown that Fugro's measurement for standard cone penetration testing is very accurate by using digital cones, strict quality control and regular calibrations.
In practice it is found that Fugro's standard penetration testing results for the greater part (> 95%) are within in the range for application Class 2.

Application class 1 penetration tests can only be performed by special sensitive cones with a limited range of measurement, a clay soil profile with q_c < 3 MPa and procedures to eliminate temperature effects as much as possible.

In soil profiles with both very weak soil layers as very dense sand layers, the highest measurement accuracy of Class 1 can only be approximated by additional measurements and procedures.
Application class 2 penetration tests can only be used for soil profiles with both very weak soil layers and very dense sand layers with the use of digital cones and regular calibrations, additional execution measurements and quality control.
Application class 1 is not feasible in these type of soils.
The only practical indication of the achieved penetration class is checking the calibrations and zero-points between the start and end of the CPT.

Occasionally, the ground level is not measured relative to a reference point. These CPTs are not meeting the standard EN-ISO 22476-1.

LEGEND SITE INVESTIGATION TESTS AND SOIL TYPES

Borings / Monitoring wells

- Mechanical boring (BH)
- Hand auger boring (BH)
- Mechanical boring not performed
- Hand auger boring not performed
- Mechanical boring with monitoring well
- Mechanical boring with monitoring well, shallow and deep well screen
- Mechanical boring with monitoring well, shallow, intermediate and deep well screen
- Hand auger boring with monitoring well
- Hand auger boring with monitoring well, shallow and deep well screen
- Boring third party
- Boring third party with monitoring well
- Push-in monitoring well, small diameter standpipe
- Push-in monitoring well not performed

Other symbols

- Measuring point
- Height
- Electrical Resistivity Test

Type of test

SPT	Standard Penetration Test
CPT	Cone Penetration Test
DPSH	Dynamic Probe Test, Super Heavy

Cone Penetrations Tests (CPT)

- CPT
- CPT not performed
- CPT with sleeve friction measurement
- CPT with sleeve friction measurement not performed
- DPSH / SPT
- Manual / mechanical CPT
- Penetration test with push-in groundwater sampling probe
- Penetration test with push-in groundwater sampling probe not performed
- Penetration test with ball probe
- Penetration test with ball probe not performed
- Electrical piezometer
- Electrical piezometer not performed
- CPT performed by third party
- CPT with sleeve friction measurement performed by third party
- Inclinometer casing installed
- Inclinometer casing not installed

Additional measurements

HPT	Hydraulic Profiling Tool
U	Pore pressure
M	Magnetic field strength
E	Electrical conductivity
S	Shear wave velocity (Seismic Down Hole Test)
T	Temperature

Soil Type - Main soil type, secondary soil type

Gravel

- Gravel, silty
- Gravel, slightly sandy
- Gravel, moderately sandy
- Gravel, very sandy
- Gravel, extremely sandy

Sand

- Sand, clayey
- Sand, slightly silty
- Sand, moderately silty
- Sand, very silty
- Sand, extremely silty

Peat

- Peat, low mineral content
- Peat, slightly clayey
- Peat, very clayey
- Peat, slightly sandy
- Peat, very sandy

Clay

- Clay, slightly silty
- Clay, moderately silty
- Clay, very silty
- Clay, extremely silty
- Clay, slightly sandy
- Clay, moderately sandy
- Clay, very sandy

Loam

- Loam, slightly sandy
- Loam, very sandy

Other secondary soil types

- slightly organic
- moderately organic
- very organic
- slightly gravelly
- moderately gravelly
- very gravelly
- debris, Rubble

Monitoring well