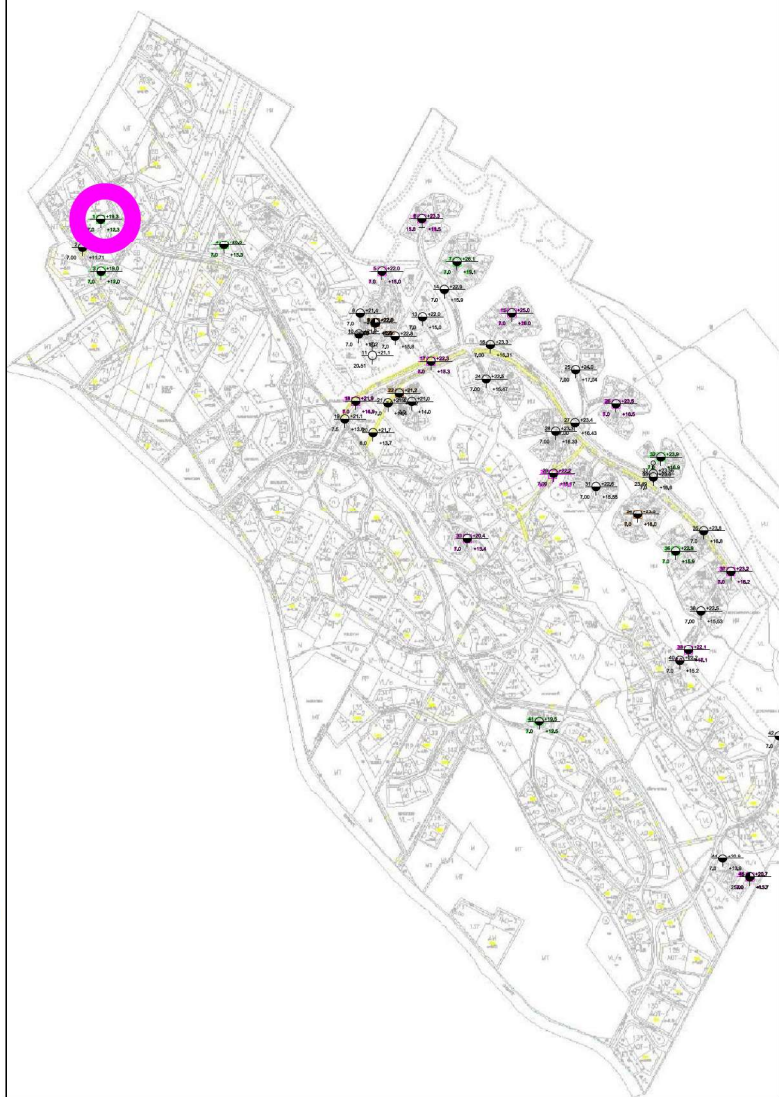
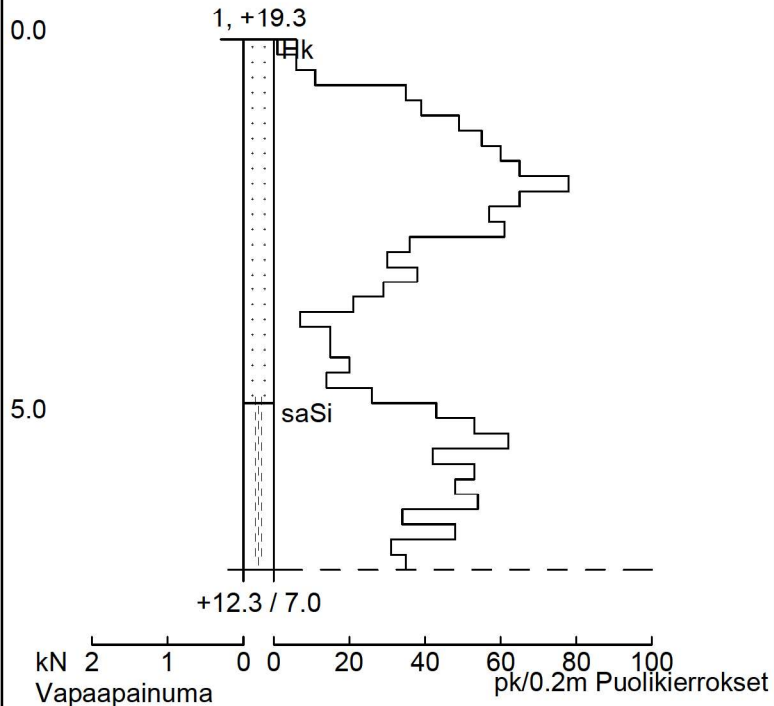
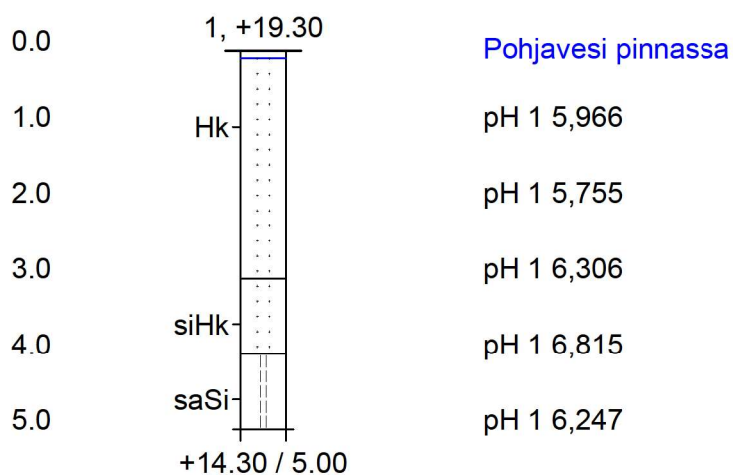


Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Simontaival

Numero

1

Kairaustapa

Koekuoppa

X

7194200.055

Maanpinta

19.300

Työ

Mittakaava

1:100

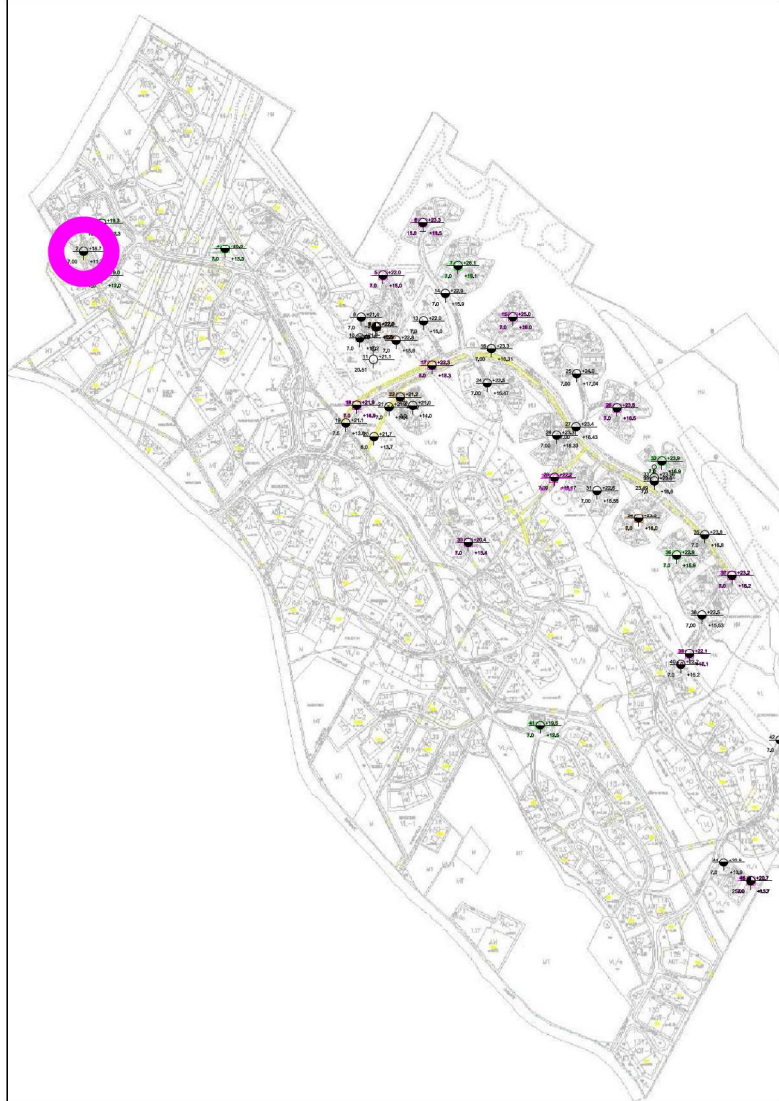
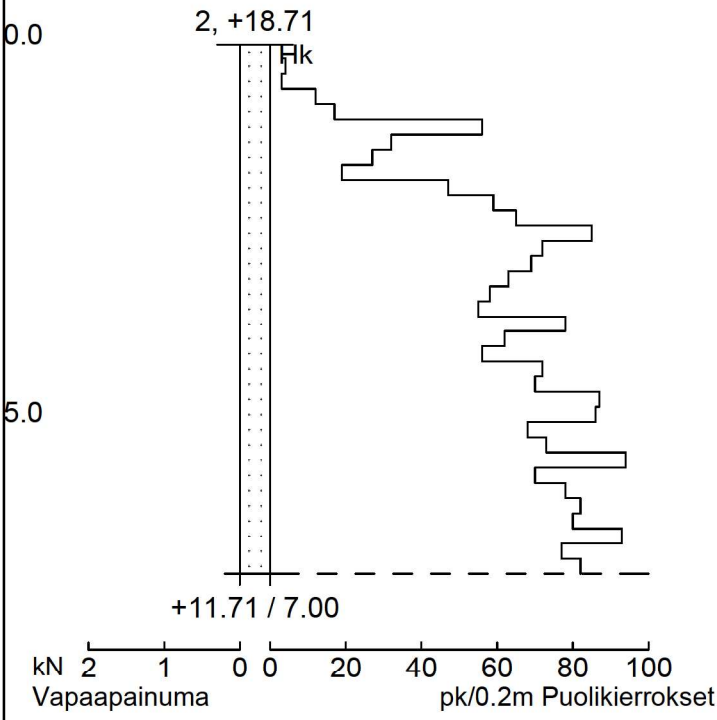
Y

26483871.700

Päivä

30.10.2020

Painokairaus



Kohde
Murto Miinanmutka

Numero
2

X
7194130.658

Y
26483828.809

Maanpinta
18.705

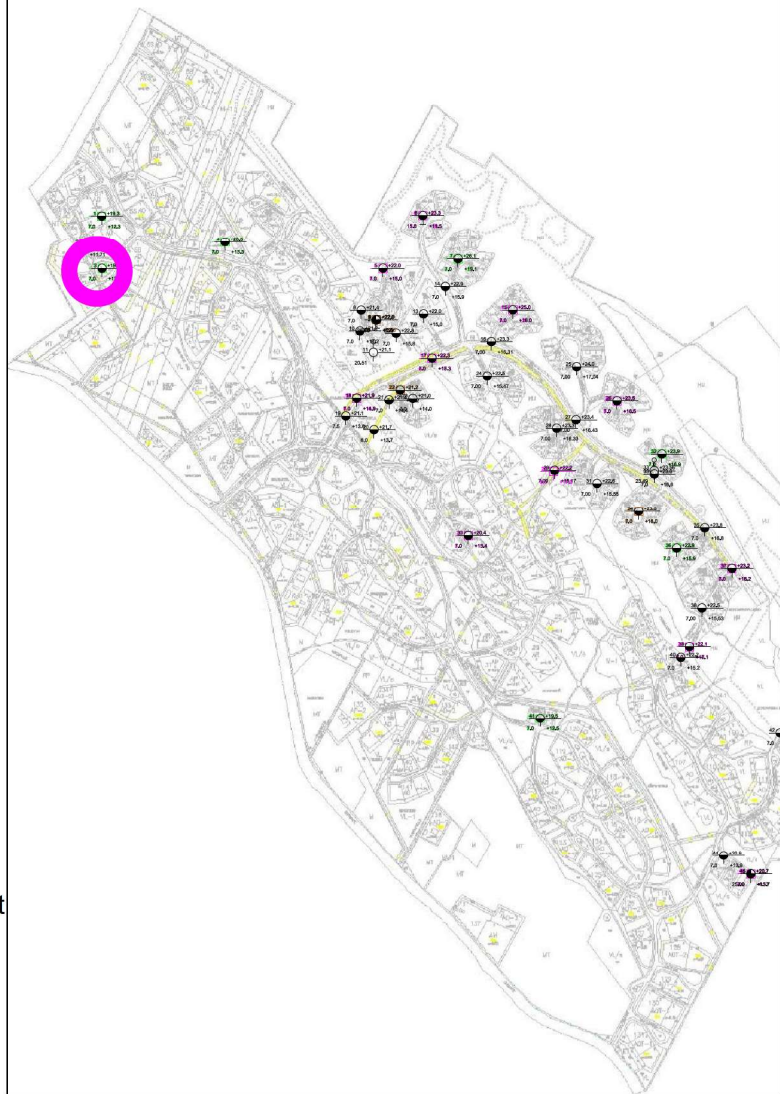
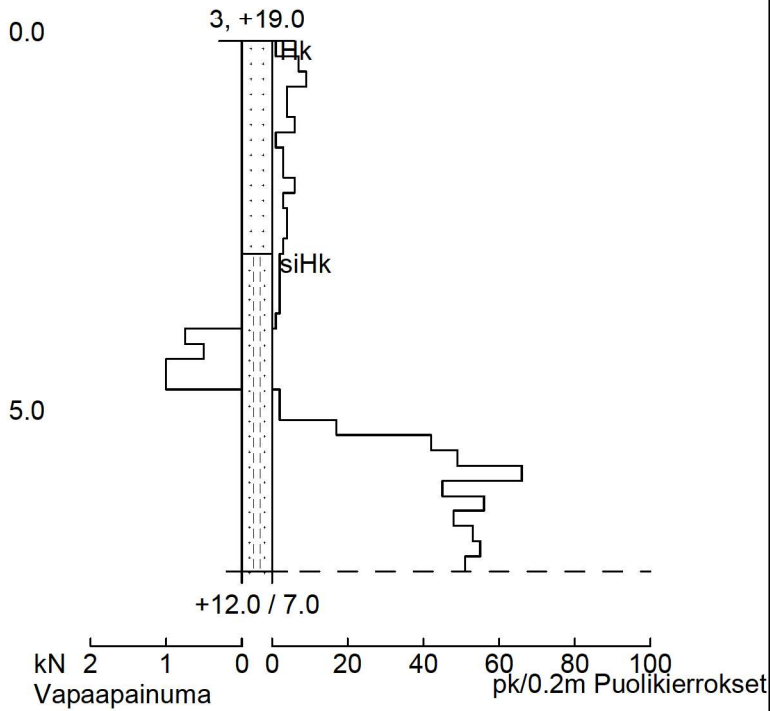
Kairaustapa
Painokairaus

Työ
25012021

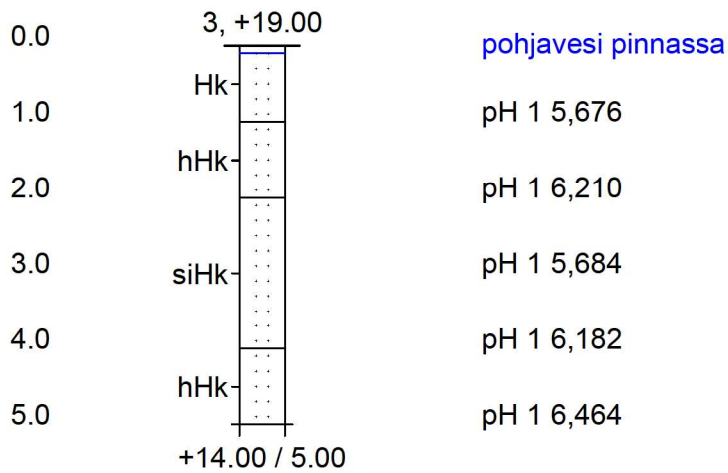
Päivä
25.1.2021

Mittakaava
1:100

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Miinanmutka

Numero

3

Kairaustapa

Koekuoppa

X

7194073.837

Maanpinta

19.000

Työ

Mittakaava

1:100

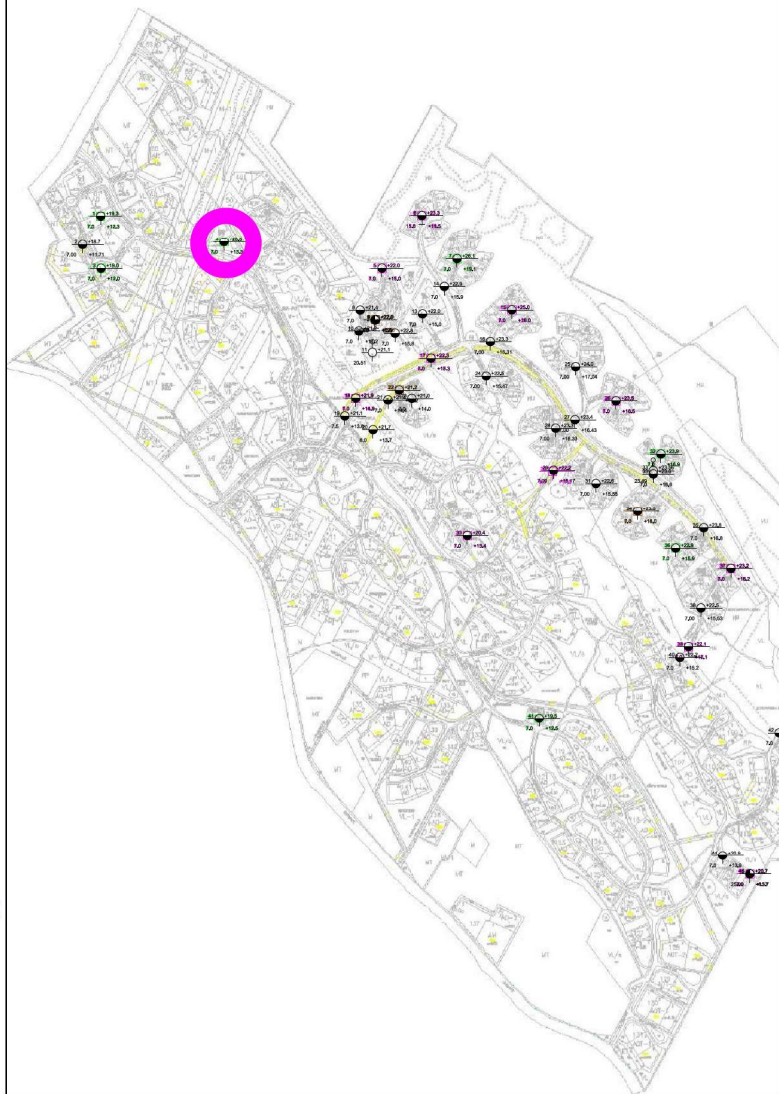
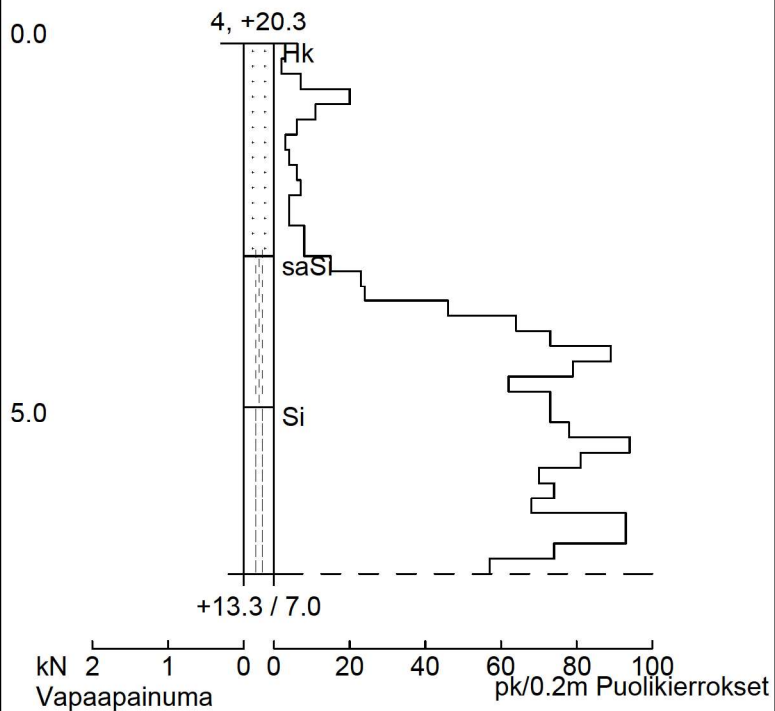
Y

26483872.570

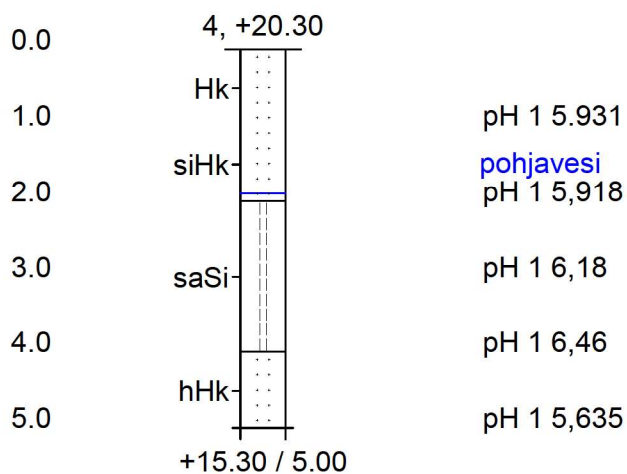
Päivä

30.10.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Simontaival

Numero

4

Kairaustapa

Koekuoppa

X

7194137.231

Maanpinta

20.300

Työ

Mittakaava

1:100

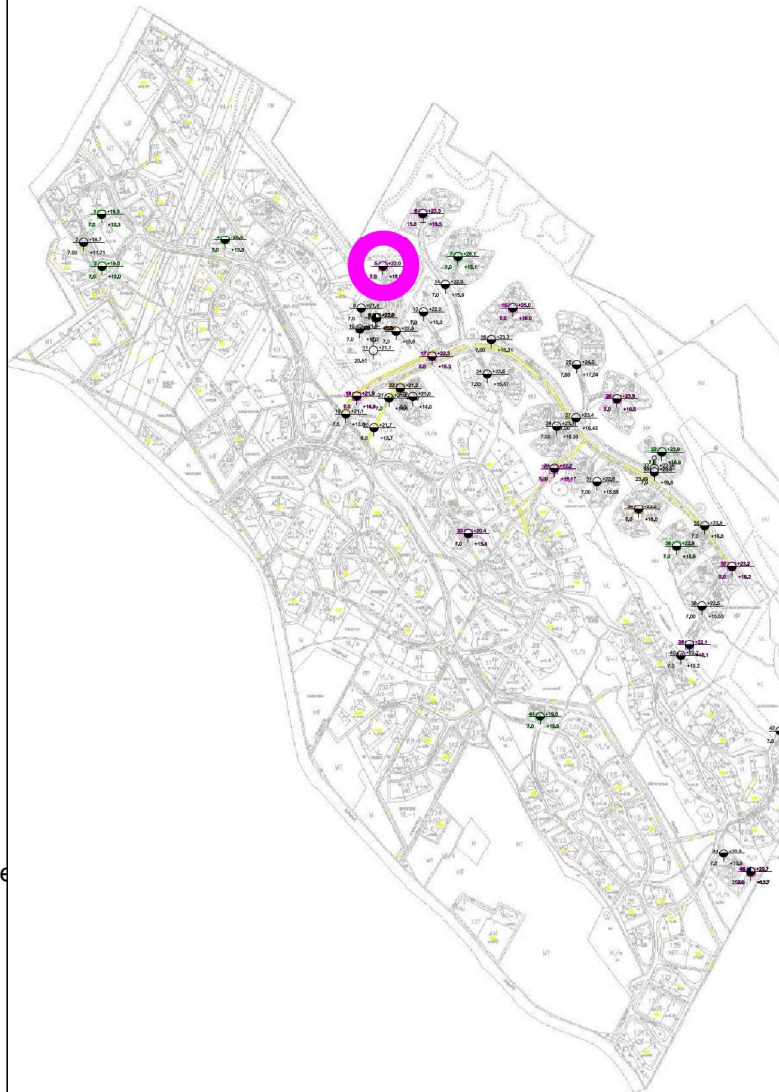
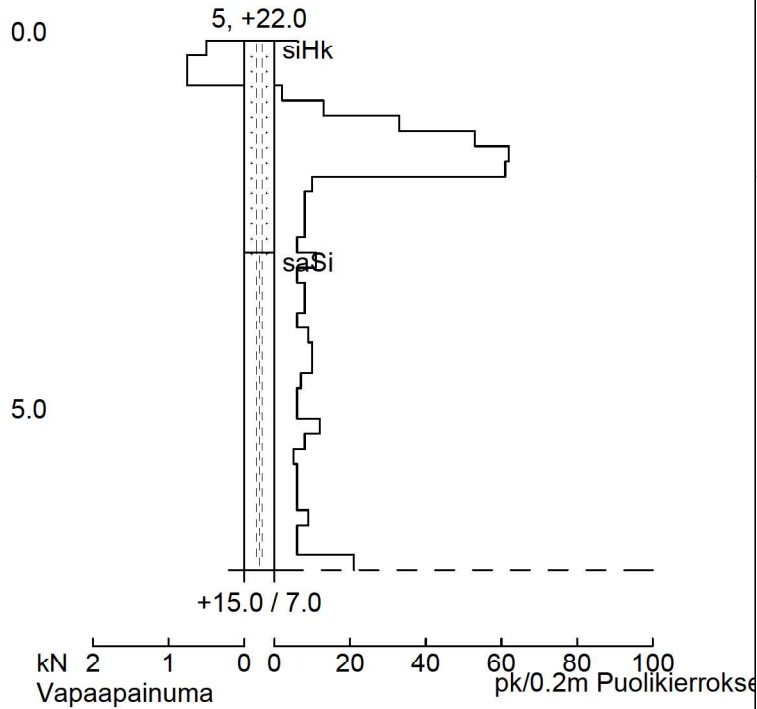
Y

26484165.200

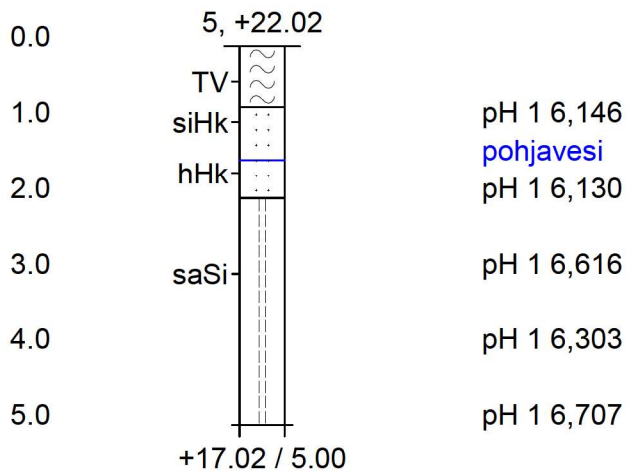
Päivä

30.10.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Suksisuon mäki

Numero

5

Kairaustapa

Koekuoppa

X

7194073.903

Maanpinta

22.017

Työ

Päivä

26.10.2020

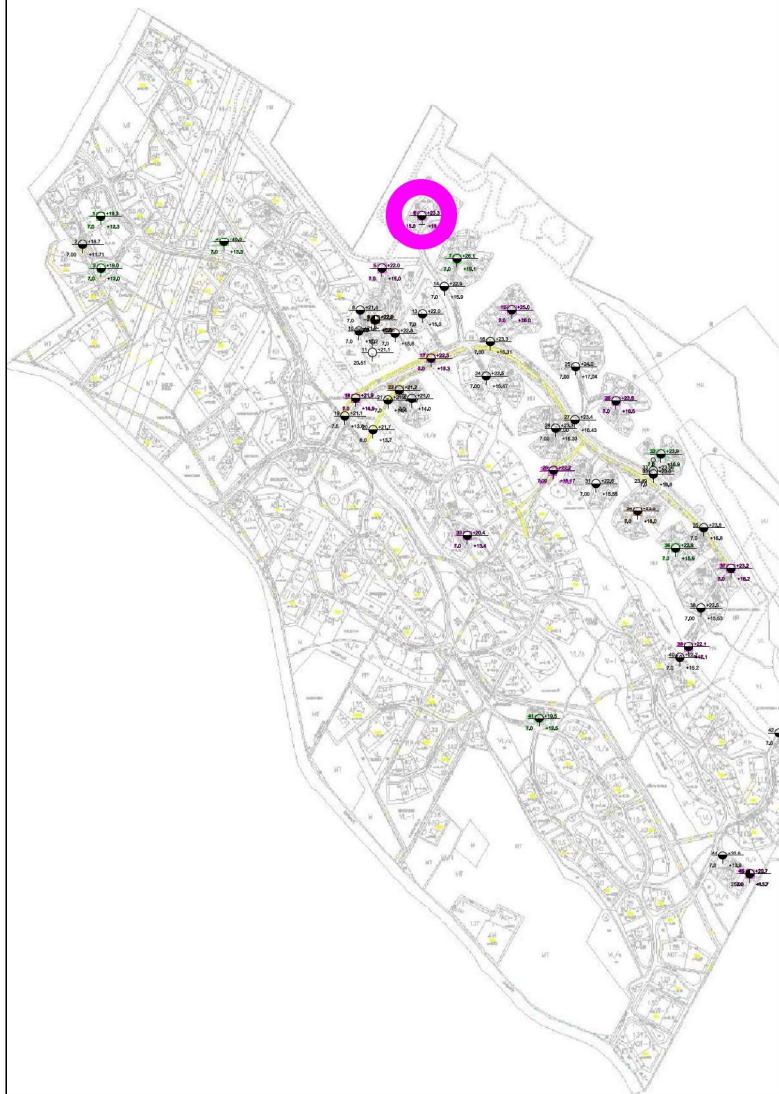
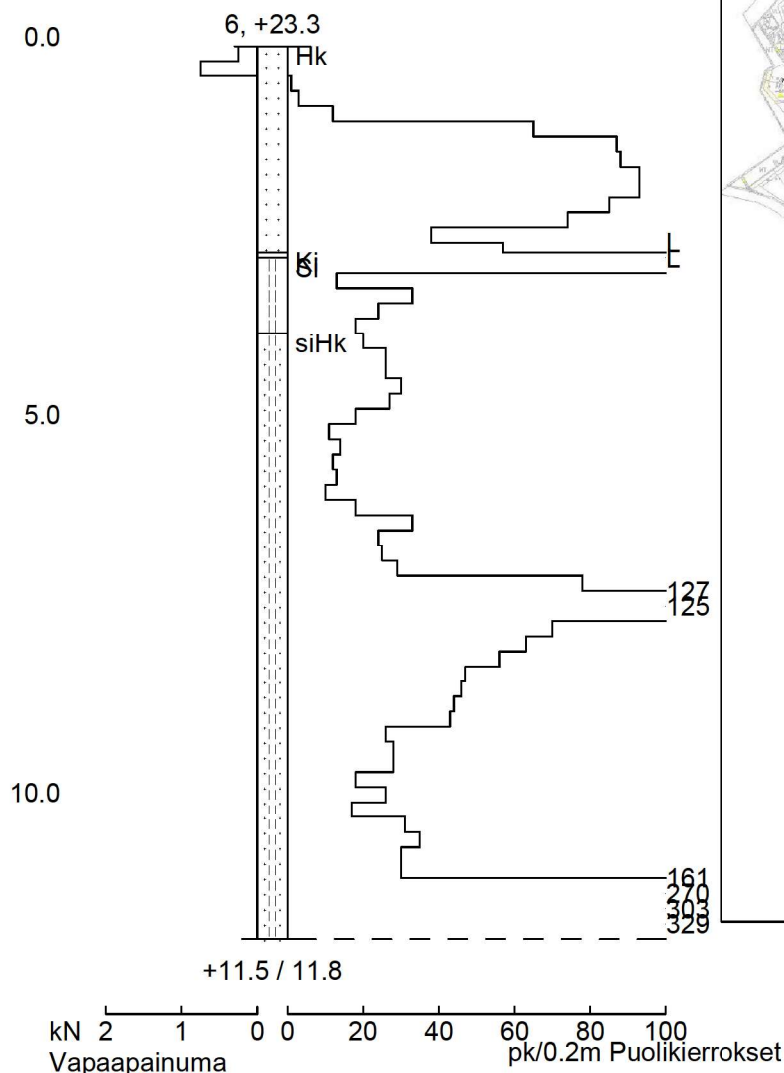
Mittakaava

1:100

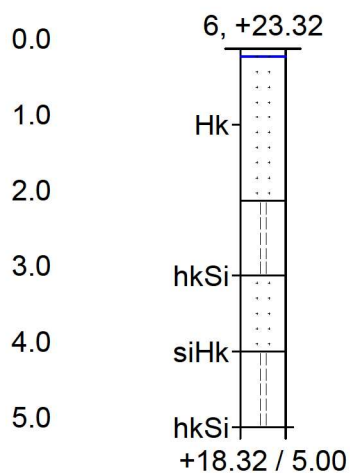
Y

26484540.578

Painokairaus



Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5,61

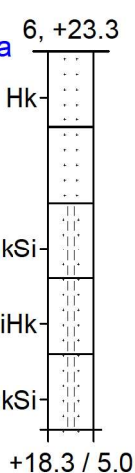
pH 1 7,12

pH 1 6,91

pH 1 6,97

pH 1 6,77

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 23,45 %

Varmistettu laboratoriossa/
W 27,53 %

Varmistettu laboratoriossa/
W 22,31 %

Kohde

Murto Hirvenhiihto

Numero

6

X

7194201.270

Maanpinta

23.322

Y

26484635.473

Kairaustapa

Koekuoppa

Työ

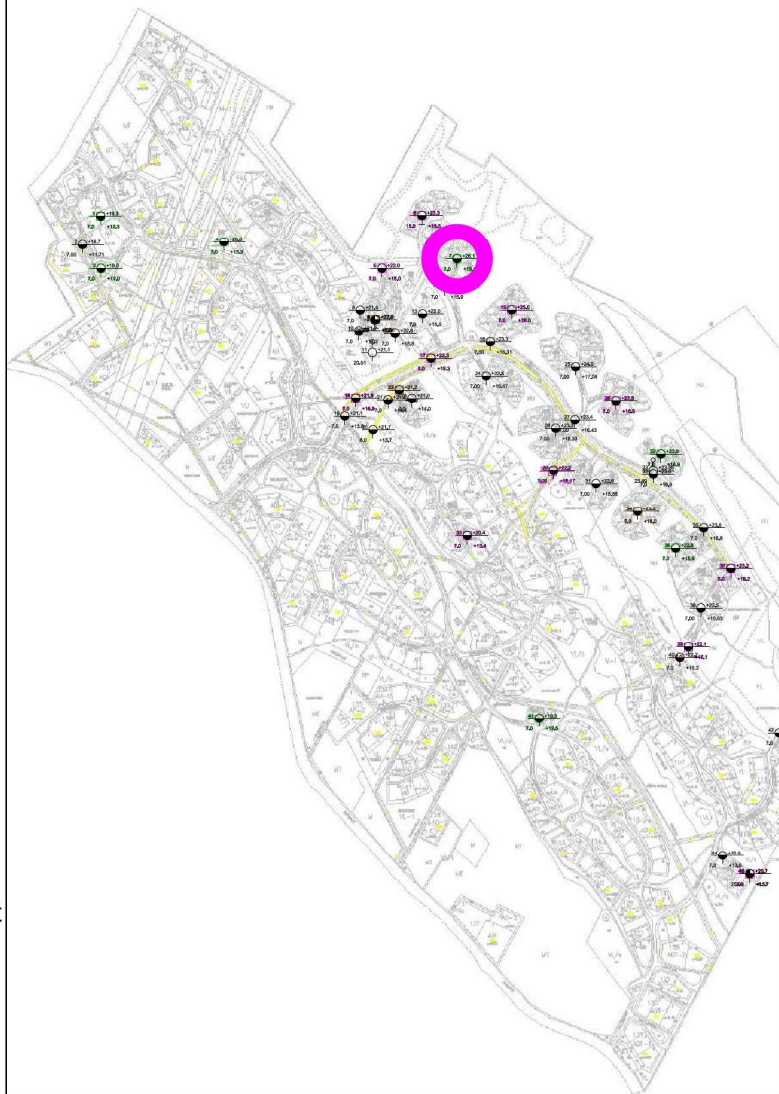
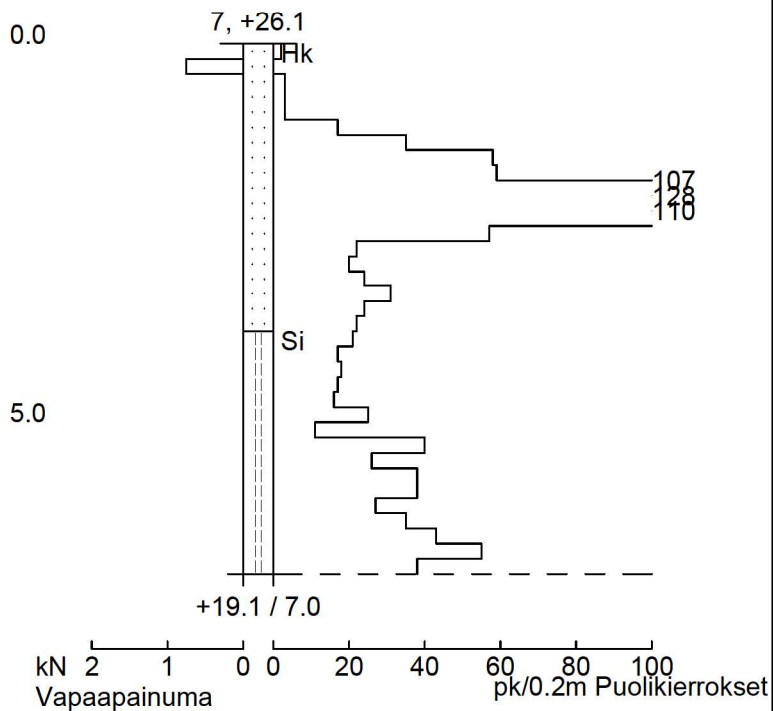
Mittakaava

1:100

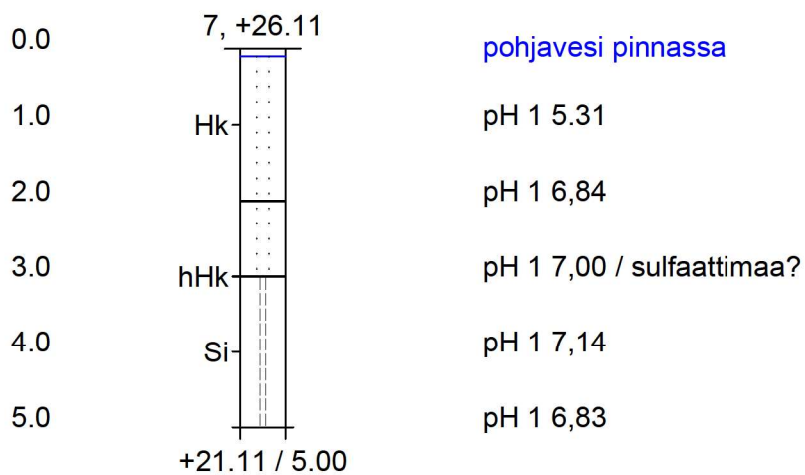
Päivä

27.10.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Passipaikka

Numero

7

Kairaustapa

Koekuoppa

X

7194096.567

Maanpinta

26.106

Työ

Mittakaava

1:100

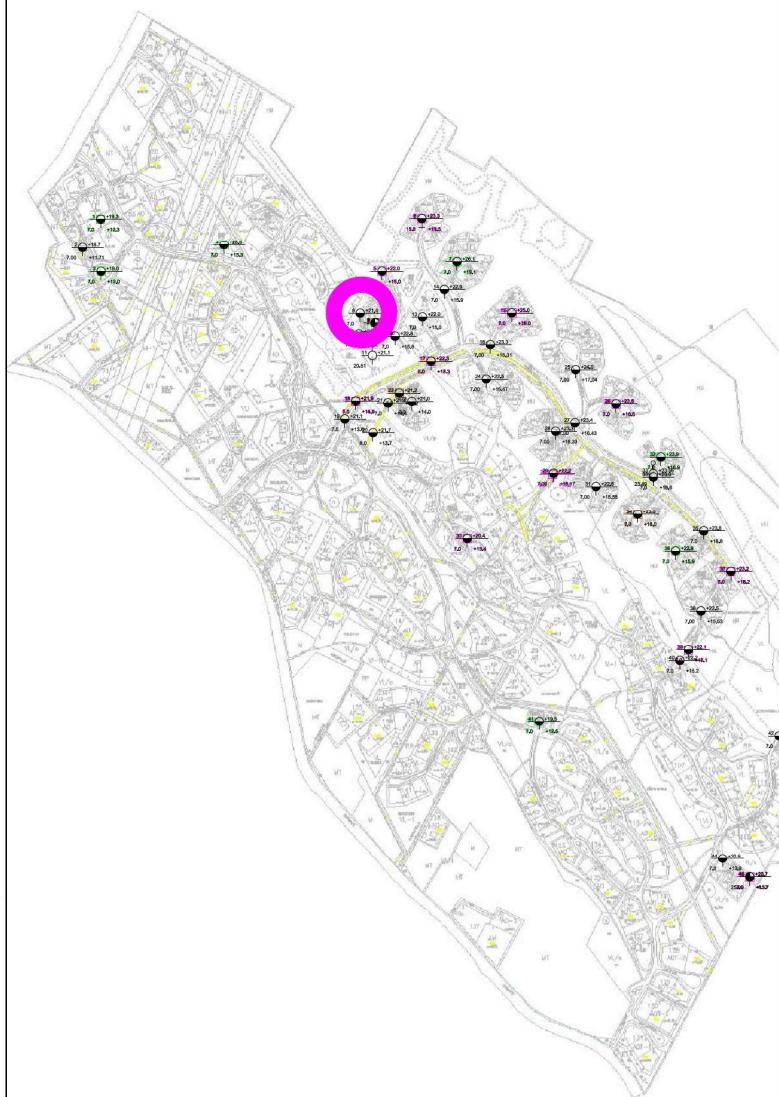
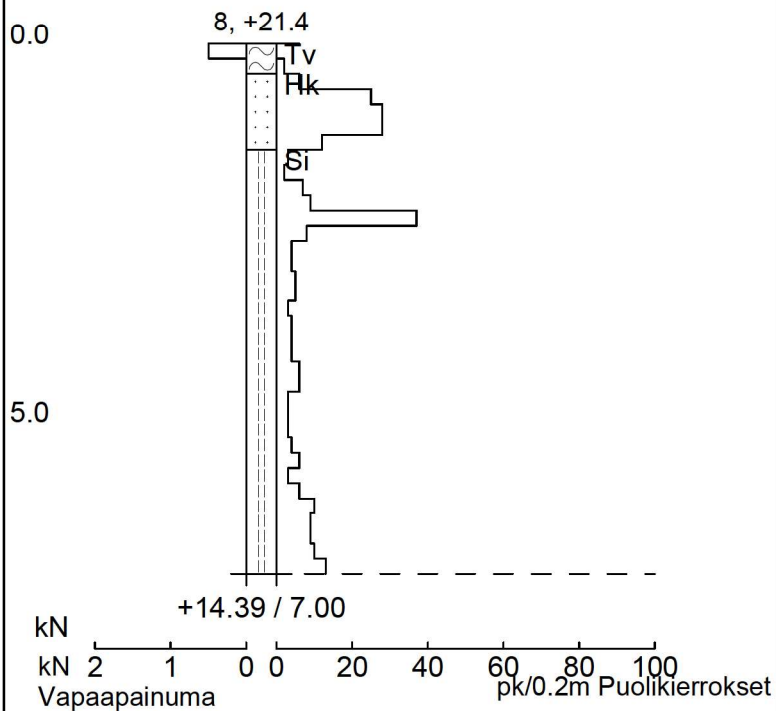
Y

26484719.141

Päivä

27.10.2020

Painokairaus



Kohde

Murto Suksisuon mäki

Numero

8

Kairaustapa

Painokairaus

X

7193974.493

Maanpinta

21.389

Työ

26102020

Mittakaava

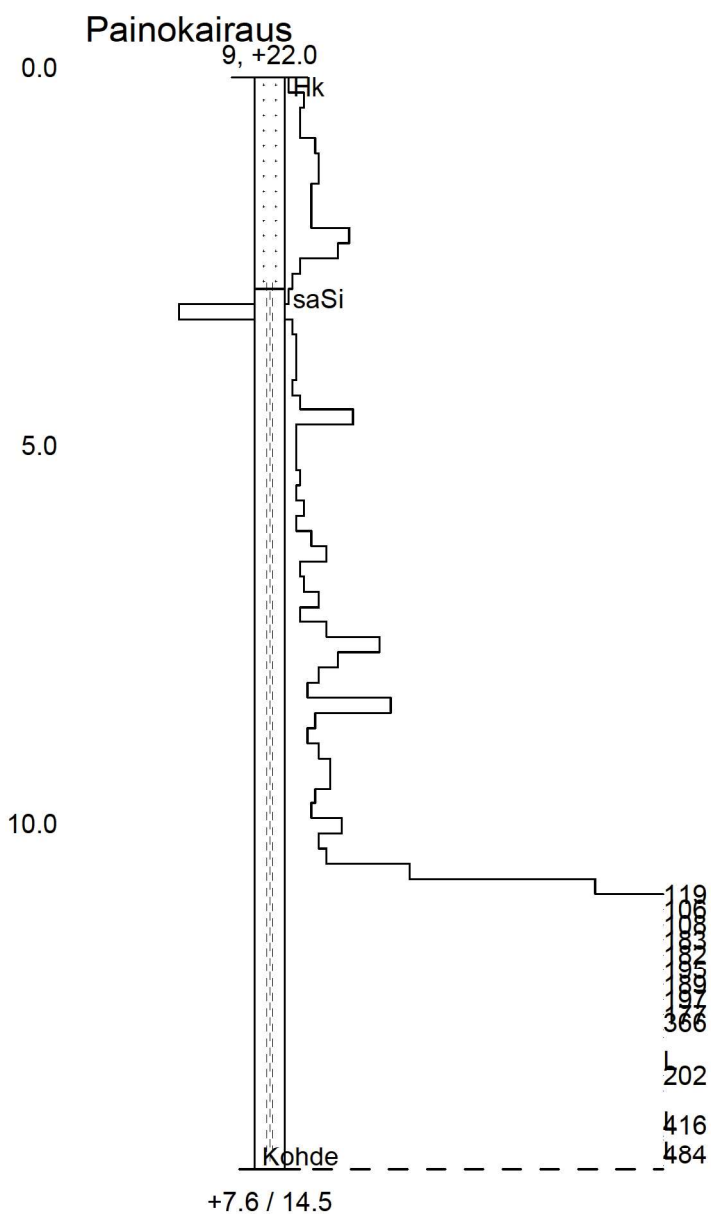
1:100

Y

26484488.784

Päivä

26.10.2020

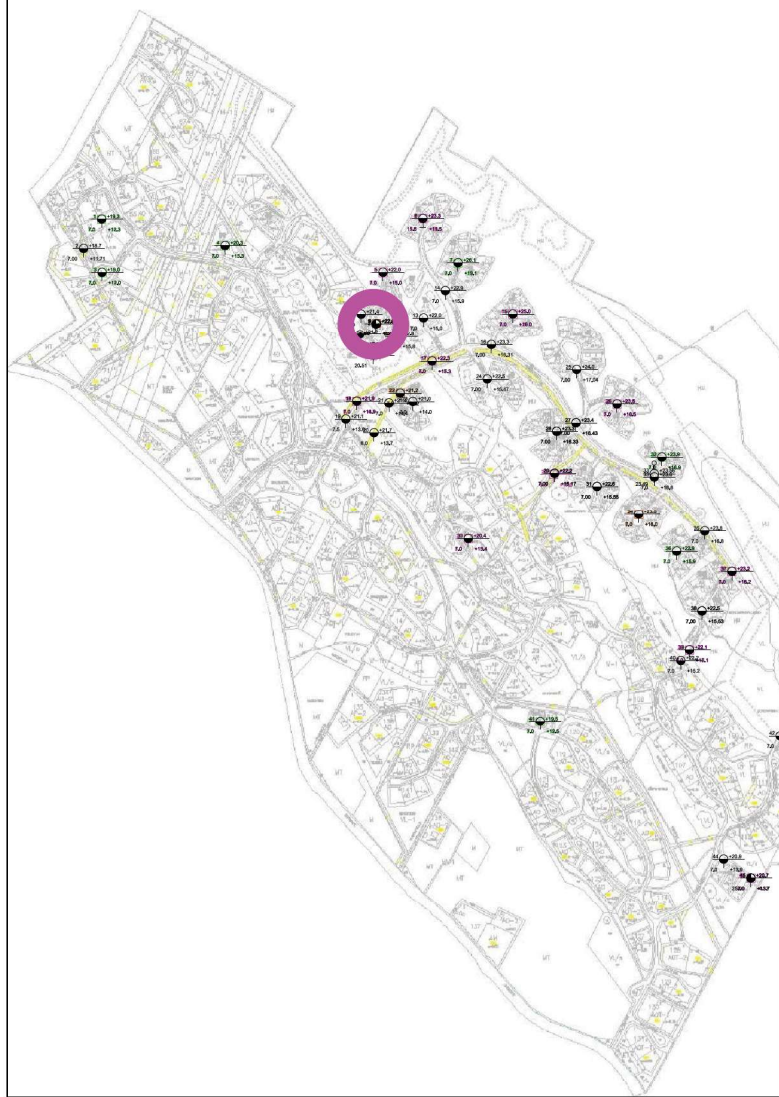


kN 2 1 0 0 20 40 60 80 100

Vapaapainuma X

pk/0.2m Puolikierrokset

0.0	9, +22.0	0.0	
1.0	Hk	Varmistettu laboratoriossa/ W 22,84 %	1.0
2.0		Varmistettu laboratoriossa/ W 23,78 %	2.0
3.0	saSi	Varmistettu laboratoriossa/ W 22,67 %	3.0
4.0			4.0
5.0	Si		5.0
	+17.0 / 5.0		



Kohde

Murto Suksisuon mäki

Numero

9/a

X

7193952.522

Y

26484525.760

Maanpinta

22.029

Kairaustapa

Koekuoppa

Työ

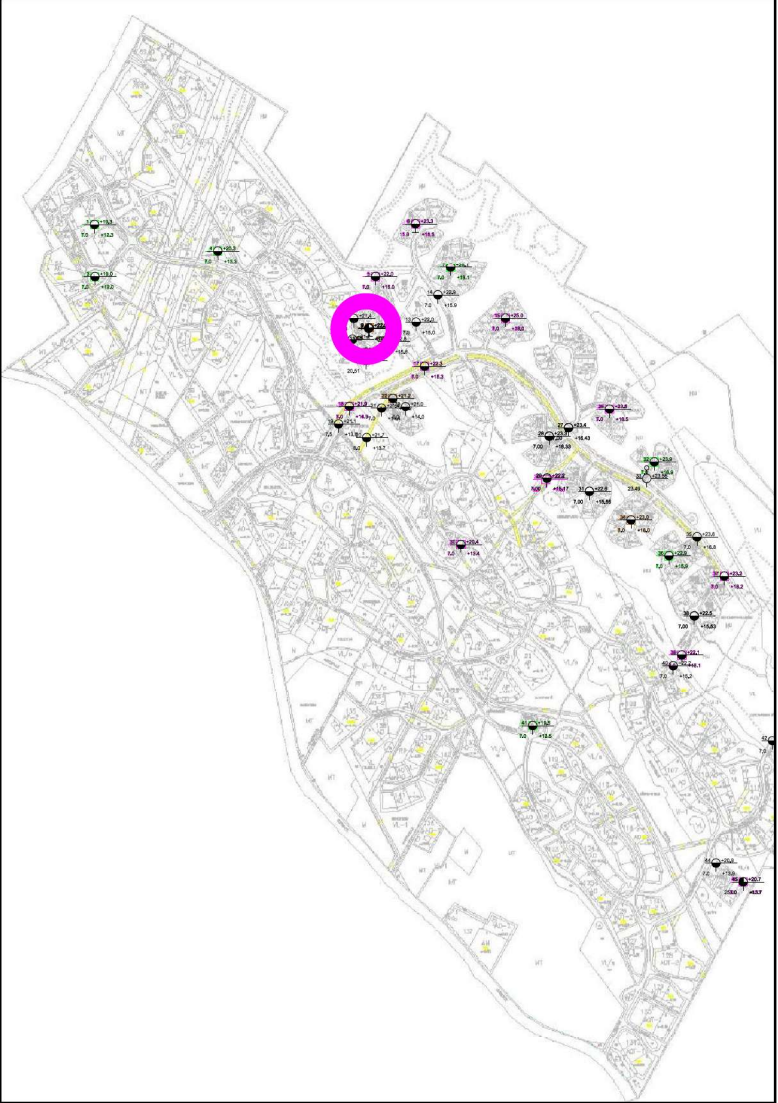
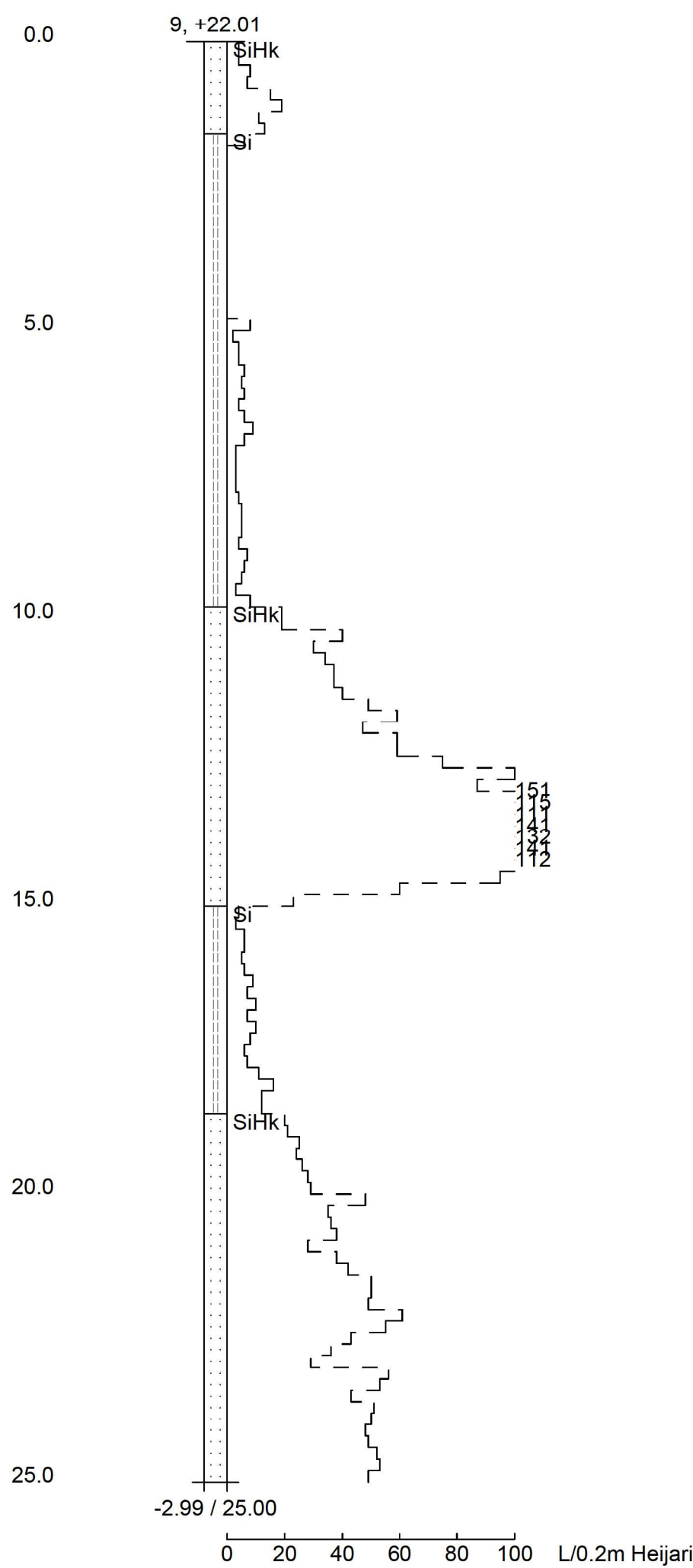
Mittakaava

1:100

Päivä

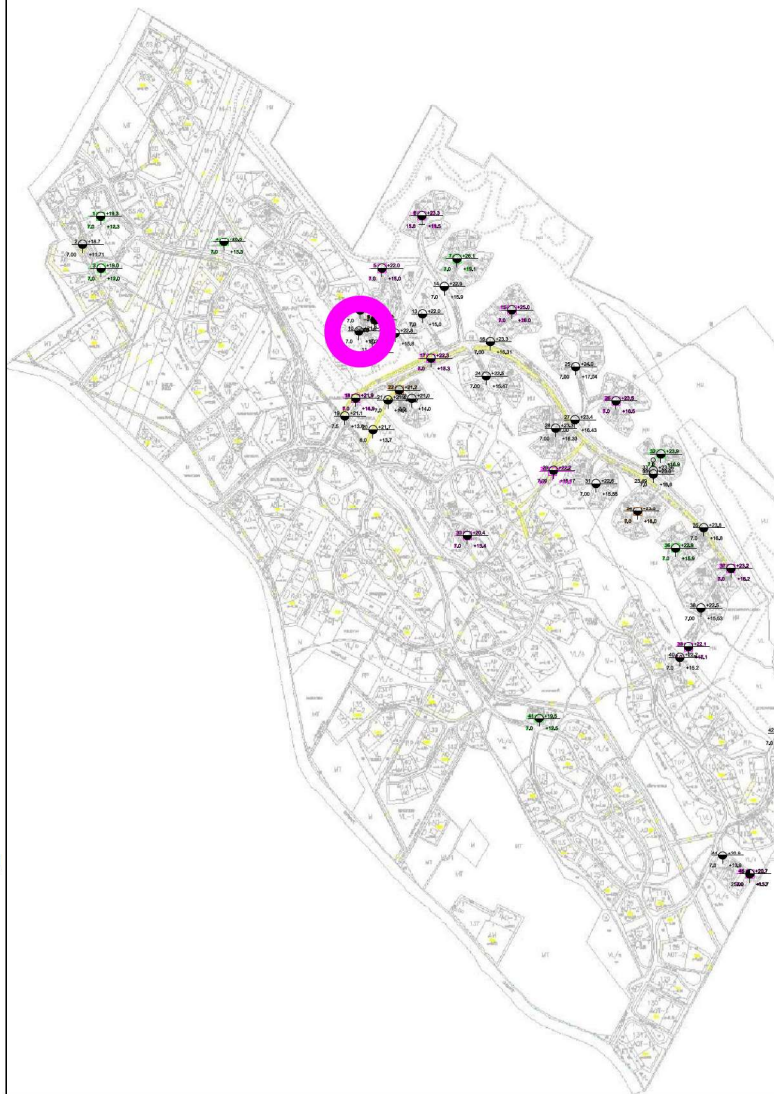
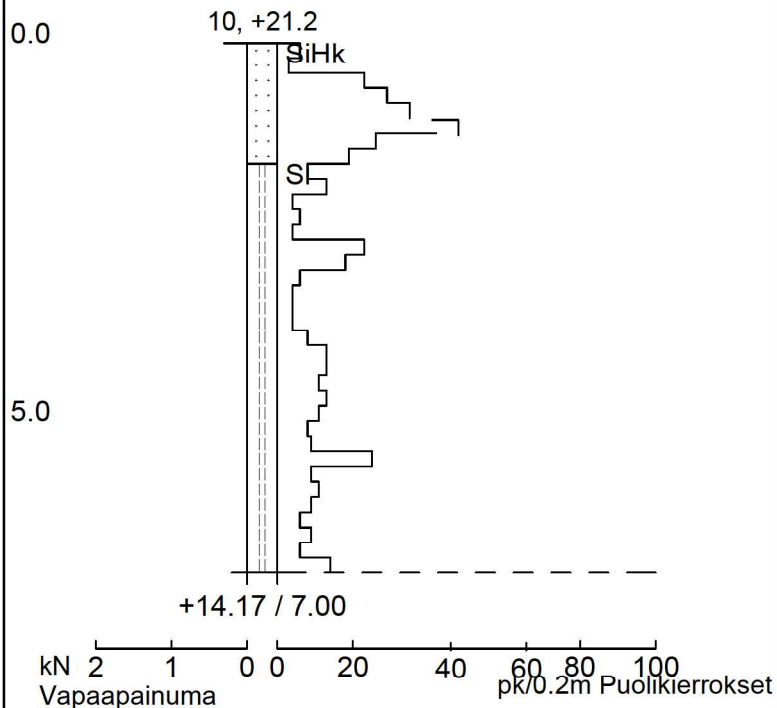
26.10.2020

Heijarikairaus



Kohde Murto Suksisuon mäki			
Numero 9/b		Kairaustapa Heijarikairaus	
X 7193951.398	Maanpinta 22.008	Työ 19122020	Mittakaava 1:100
Y 26484524.105		Päivä 19.12.2020	

Painokairaus



Kohde

Murto Suksisuon mäki

Numero

10

Kairaustapa

Painokairaus

X

7193925.346

Maanpinta

21.174

Työ

26102020

Mittakaava

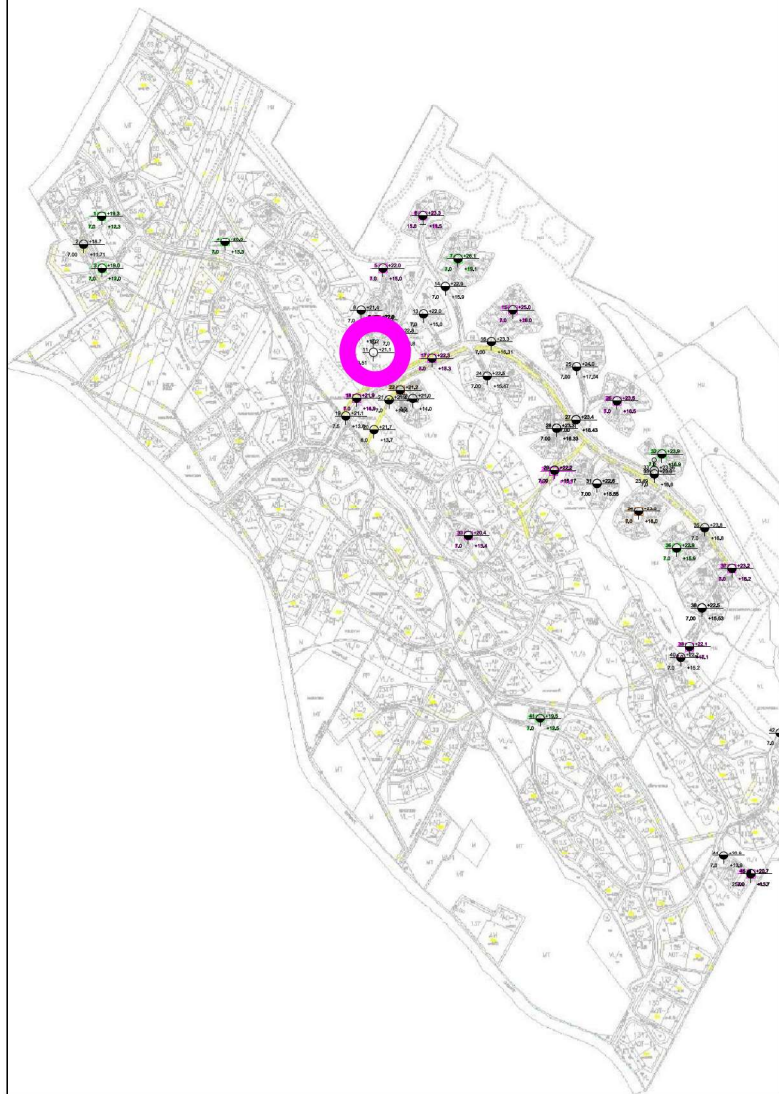
1:100

Y

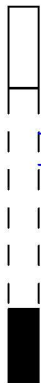
26484485.740

Päivä

26.10.2020



Murto/Pv1
Pp +22.20
Mp +21.11



W_{max} +20.51 04.12.2020

W_{min} +20.10 26.10.2020

asennuspäivä

Kohde

Murto Suksisuon mäki

Numero

11

Kairaustapa

Pohjavesiputki

X

7193874.787

Maanpinta

21.111

Työ

Mittakaava

1:100

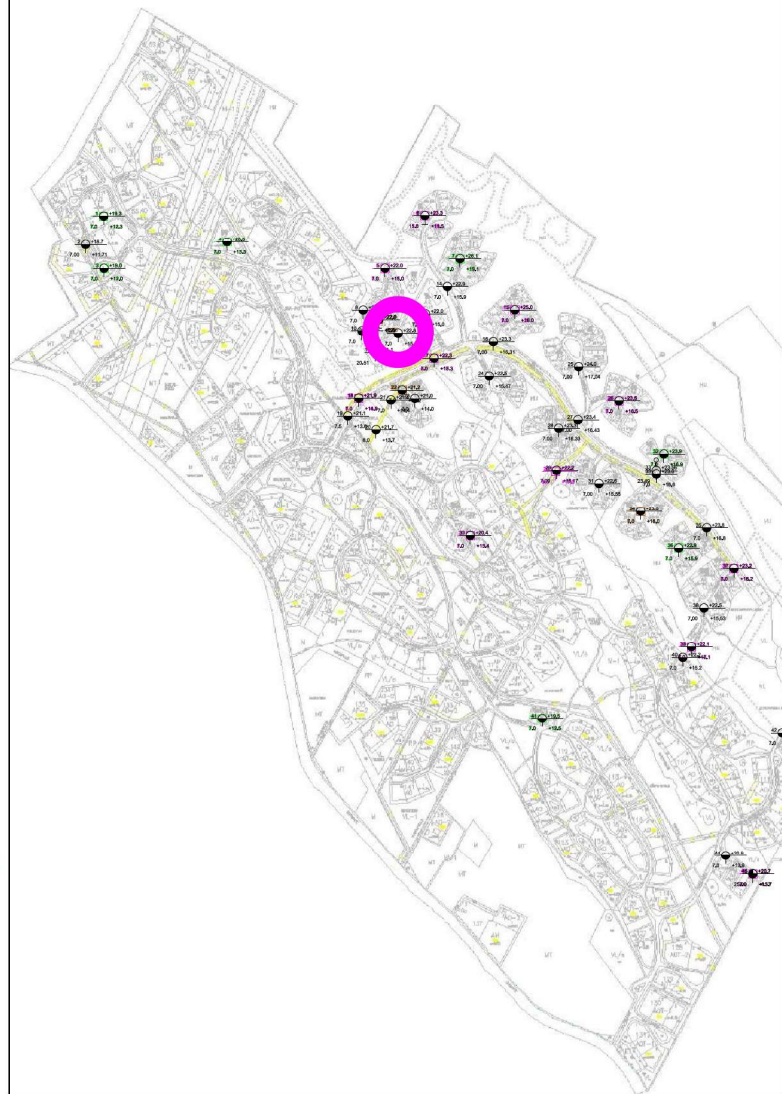
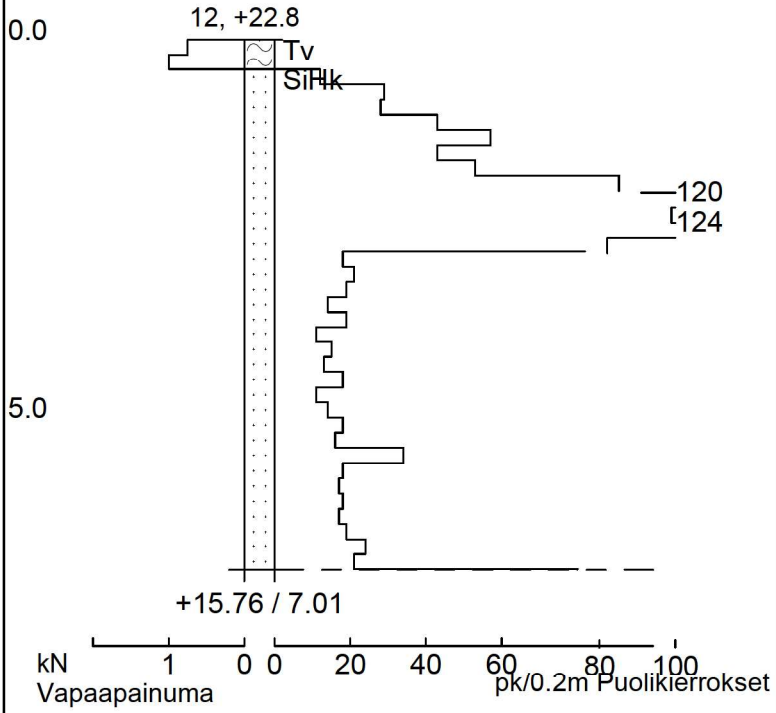
Y

26484517.931

Päivä

26.10.2020

Painokairaus



Kohde
Murto Suksisuon mäki

Numero
12

X
7193919.995

Y
26484571.946

Maanpinta
22.770

Kairaustapa
Painokairaus

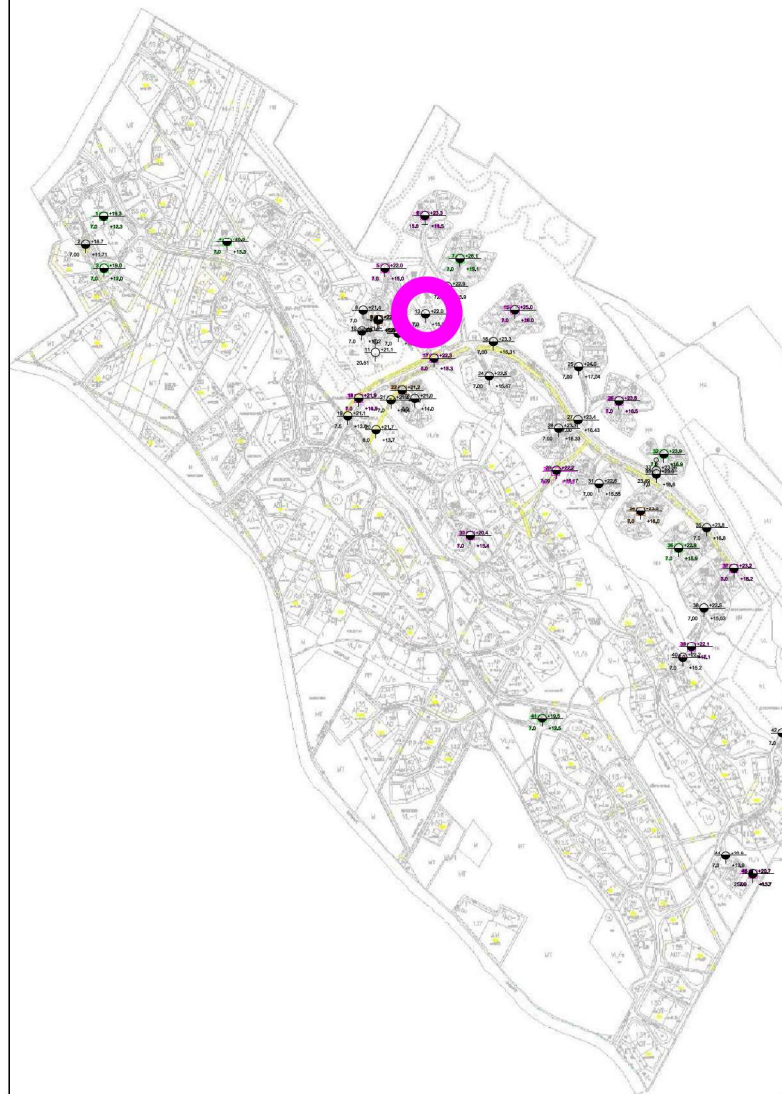
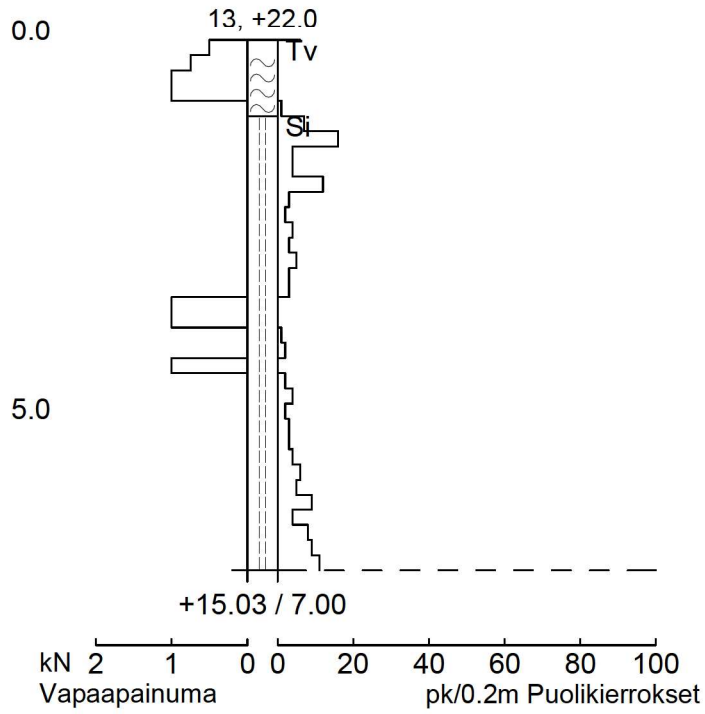
Työ
26102020

Mittakaava
1:100

Päivä

26.10.2020

Painokairaus



Kohde

Murto Ansalanka

Numero

13

Kairaustapa

Painokairaus

X

7193965.665

Maanpinta

22.027

Työ

27102020

Mittakaava

1:100

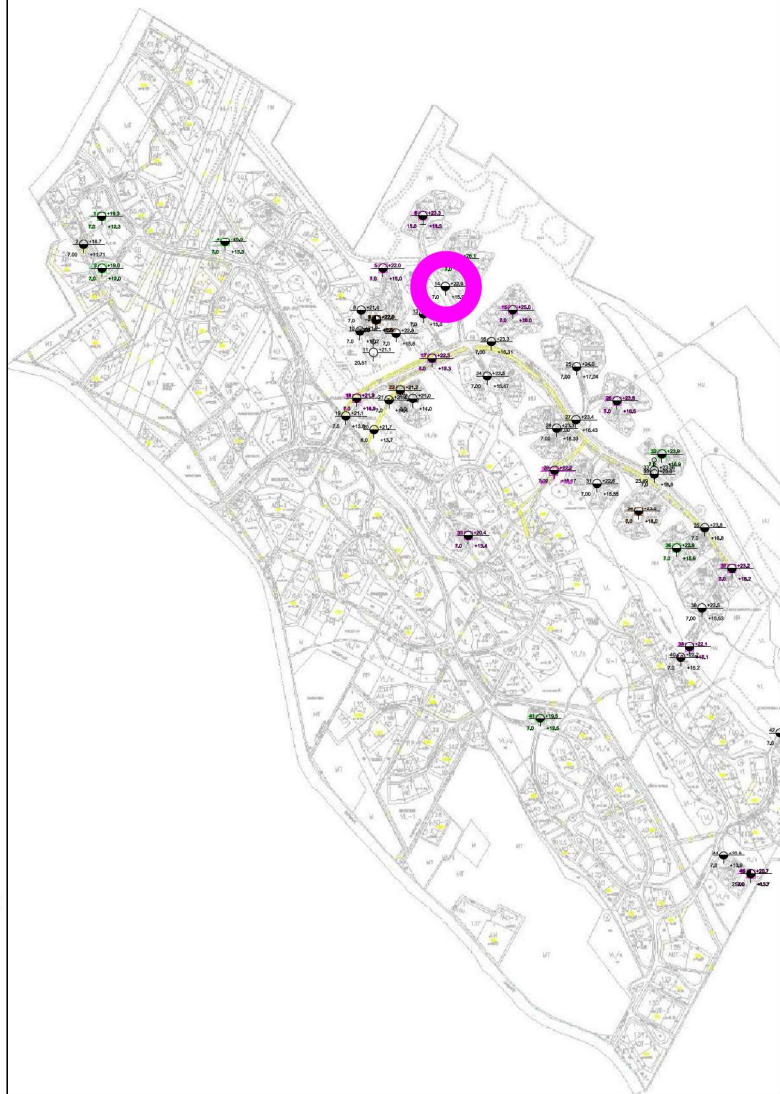
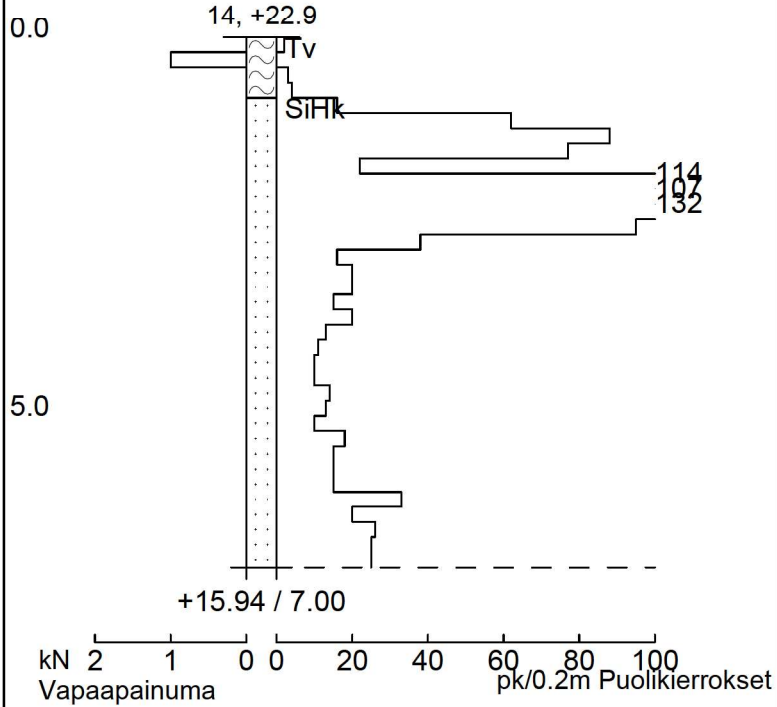
Y

26484636.970

Päivä

27.10.2020

Painokairaus



Kohde

Murto Hirvenhiihto

Numero

14

Kairaustapa

Painokairaus

X

7194030.464

Maanpinta

22.935

Työ

27102020

Mittakaava

1:100

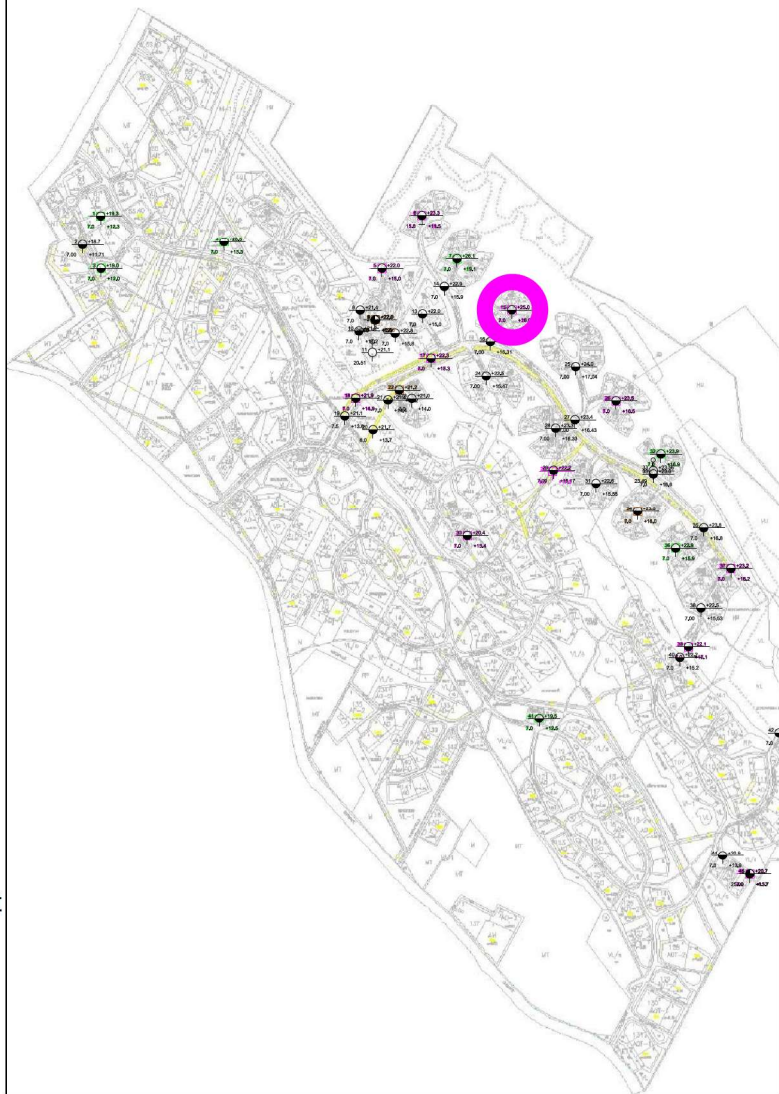
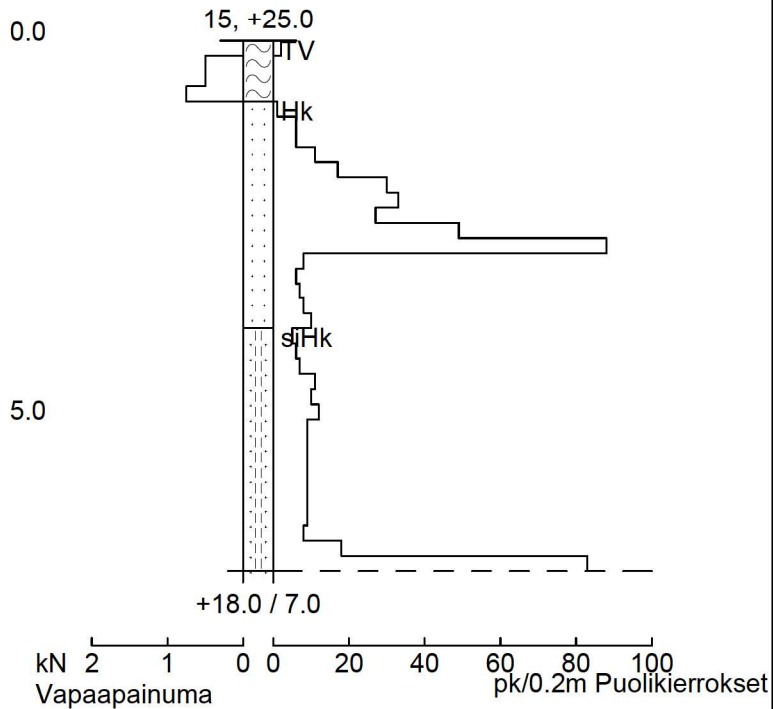
Y

26484688.799

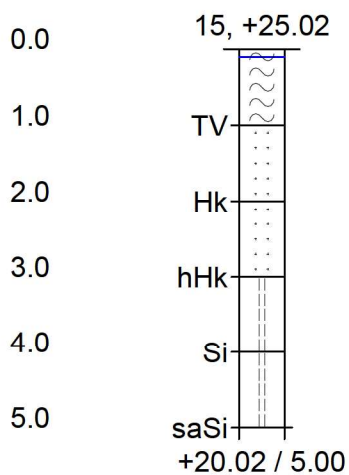
Päivä

27.10.2020

Painokairaus



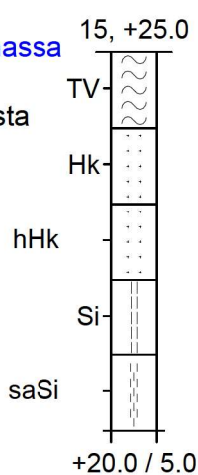
Sulfaattimaa koekuoppa



pohjavesi pinnassa

turvekerroksesta
ei näytettä
pH 1 6,27/
sulfaattimaa?
pH 1 6,93/
sulfaattimaa?
pH 1 6,81
pH 1 6,53

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 19,4 %

Varmistettu laboratoriossa/
W 20,3 %

Varmistettu laboratoriossa/
W 22,68 %

Kohde

Murto Karhukeihäs

Numero

15

X

7193975.188

Maanpinta

25.019

Y

26484849.531

Kairaustapa

Koekuoppa

Työ

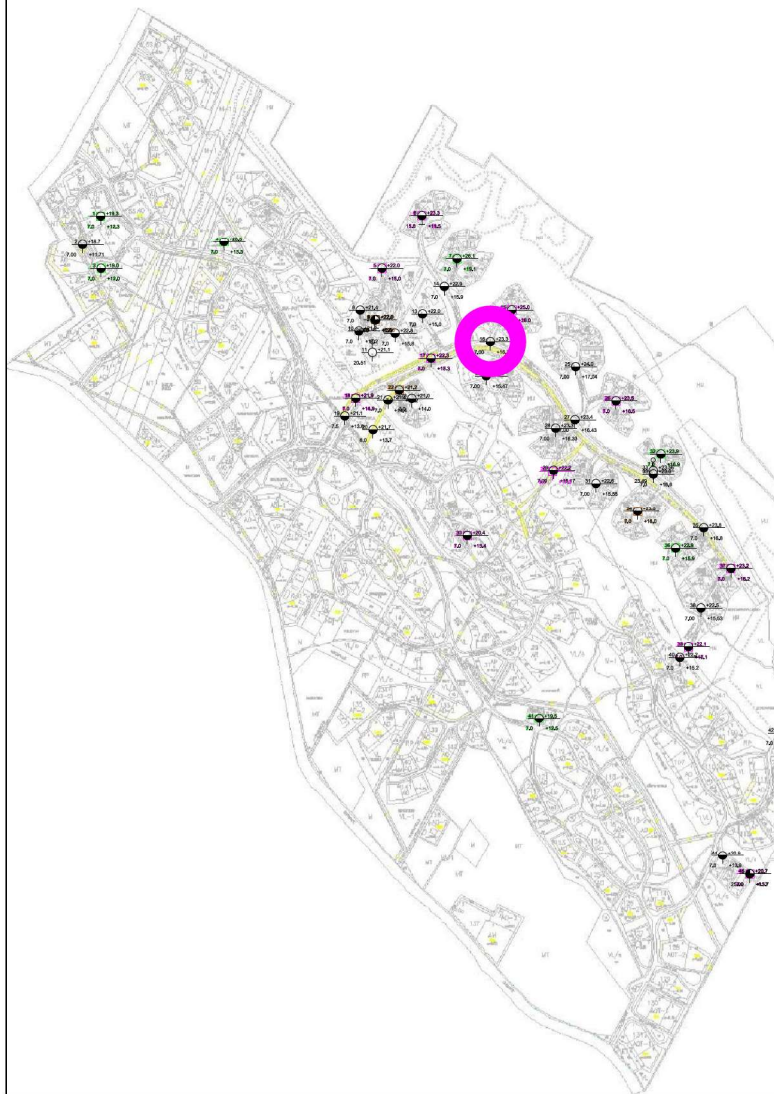
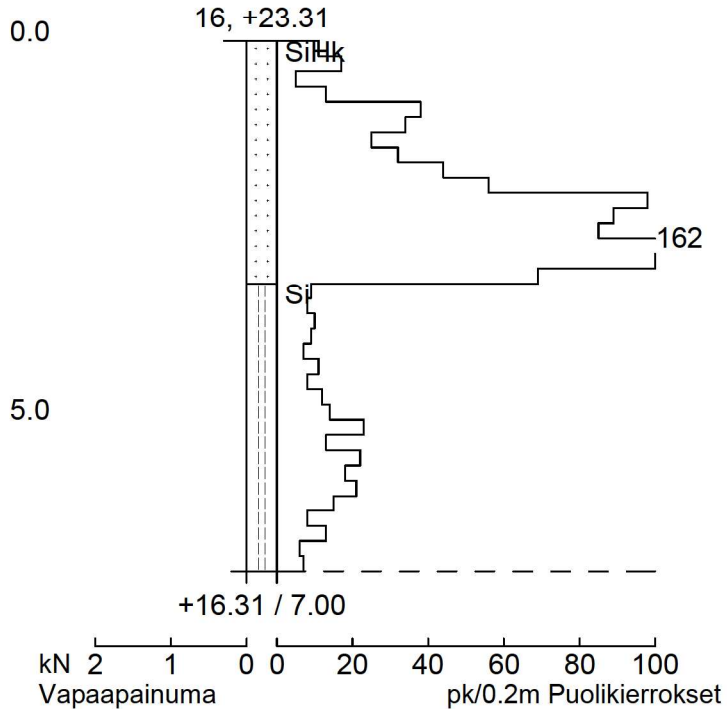
Mittakaava

1:100

Päivä

27.10.2020

Painokairaus



Kohde

Murto Korkeakaarto

Numero

16

Kairaustapa

X

7193900.068

Maanpinta

23.307

Työ

25012021

Mittakaava

1:100

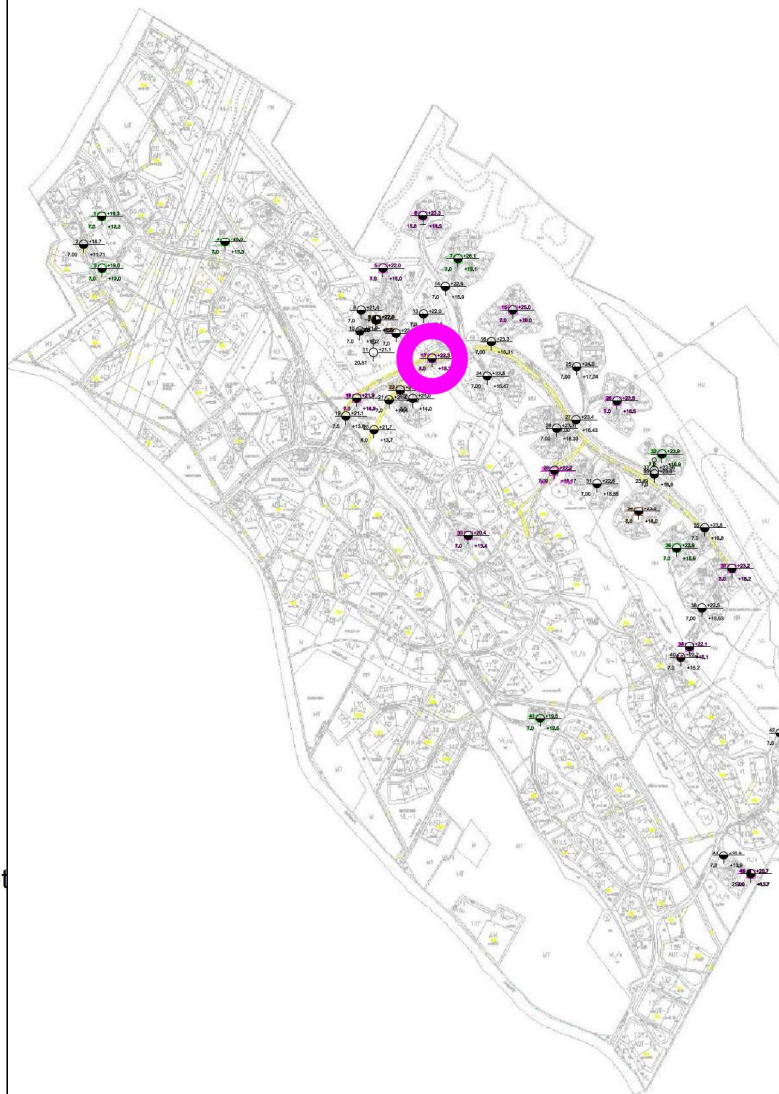
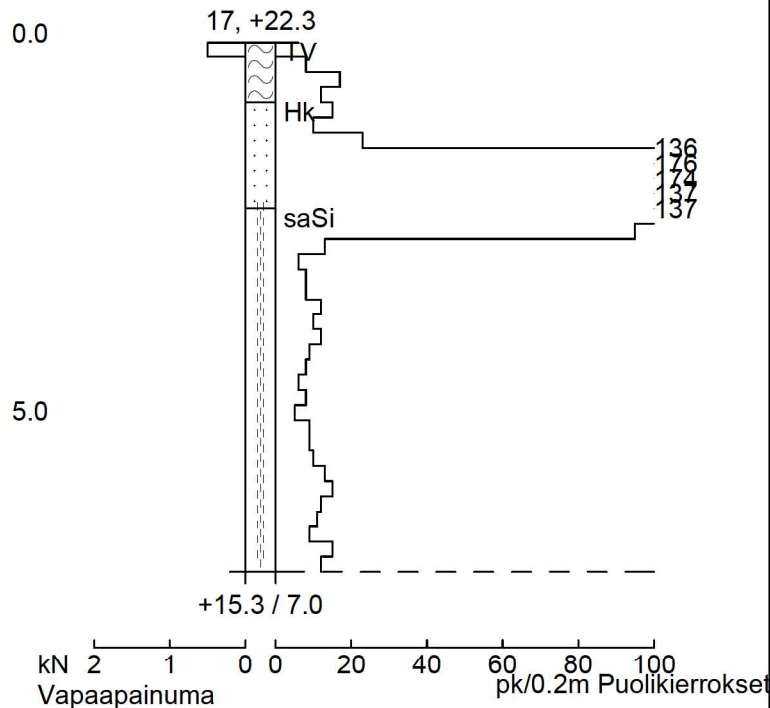
Y

26484798.312

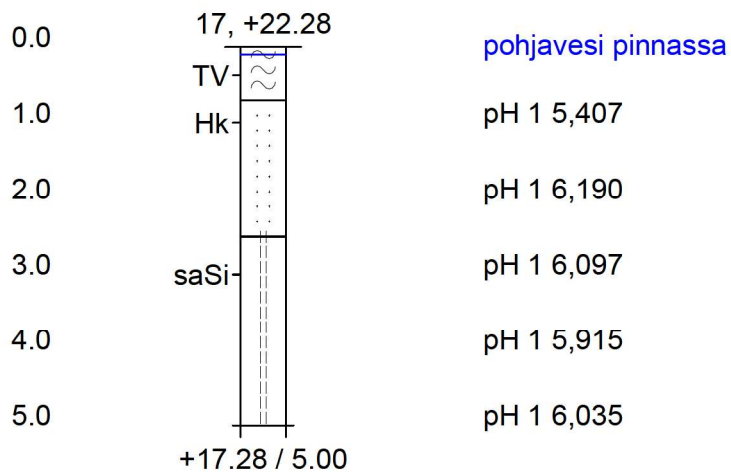
Päivä

25.1.2021

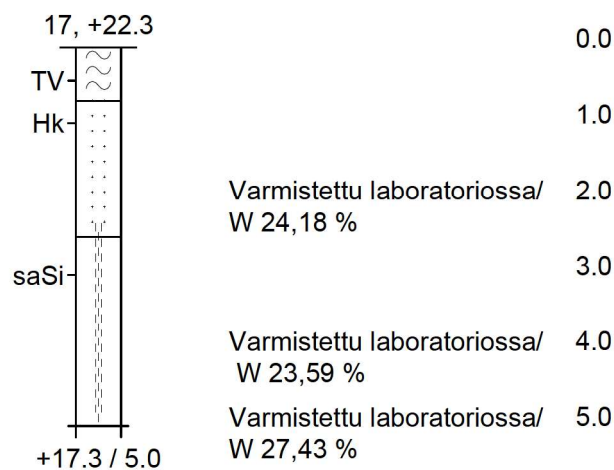
Painokairaus



Sulfaattimaa koekuoppa



Maalaji koekuoppa



Kohde

Murto Korkiakaarto

Numero

17

X

7193861.093

Maanpinta

22.283

Y

26484657.249

Kairaustapa

Koekuoppa

Työ

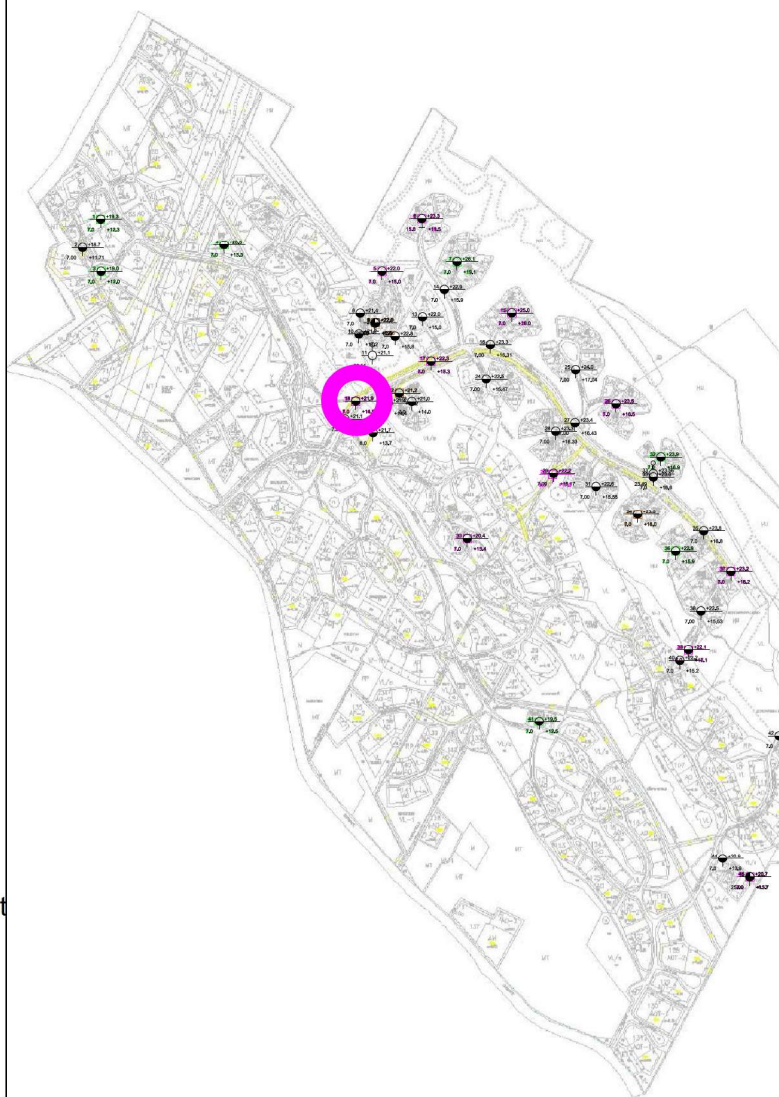
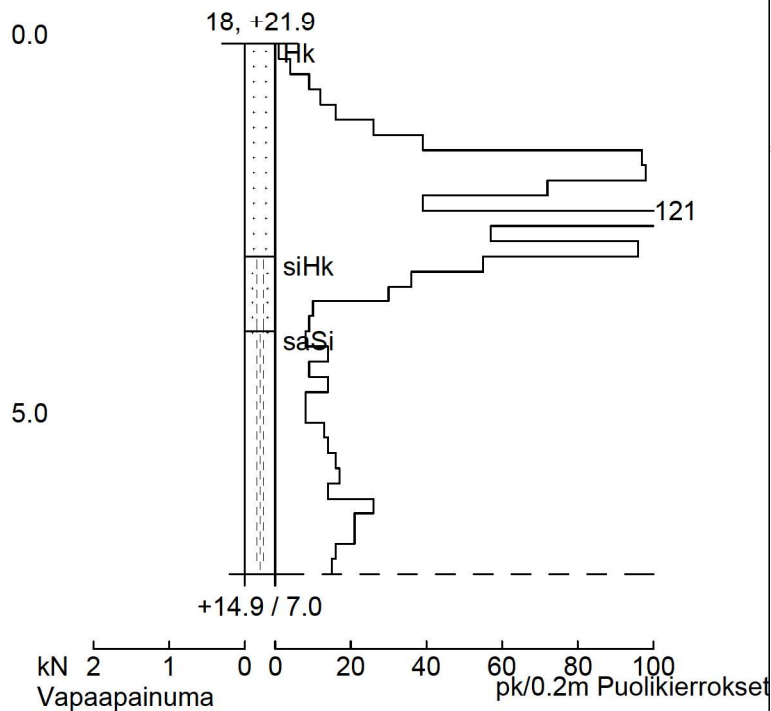
Mittakaava

1:100

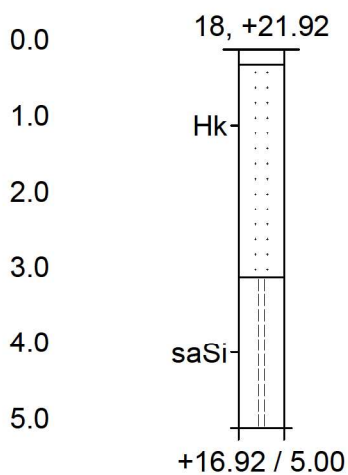
Päivä

26.10.2020

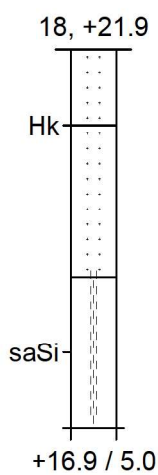
Painokairaus



Maalaji koekuoppa



alueella tehty
maansiirtoa
ei havaitoa
pohjavedestä
pH 1 5,930
pH 1 5,955
pH 1 5,885
pH 1 6,383
pH 1 6,284



Varmistettu laboratoriossa/
W 20,36 %
Varmistettu laboratoriossa/
W 22,68 %
Varmistettu laboratoriossa/
W 25,03 %

Kohde

Murto Korkiakaarto

Numero

18

Kairaustapa

Koekuoppa

X

7193765.574

Maanpinta

21.921

Työ

Mittakaava

1:100

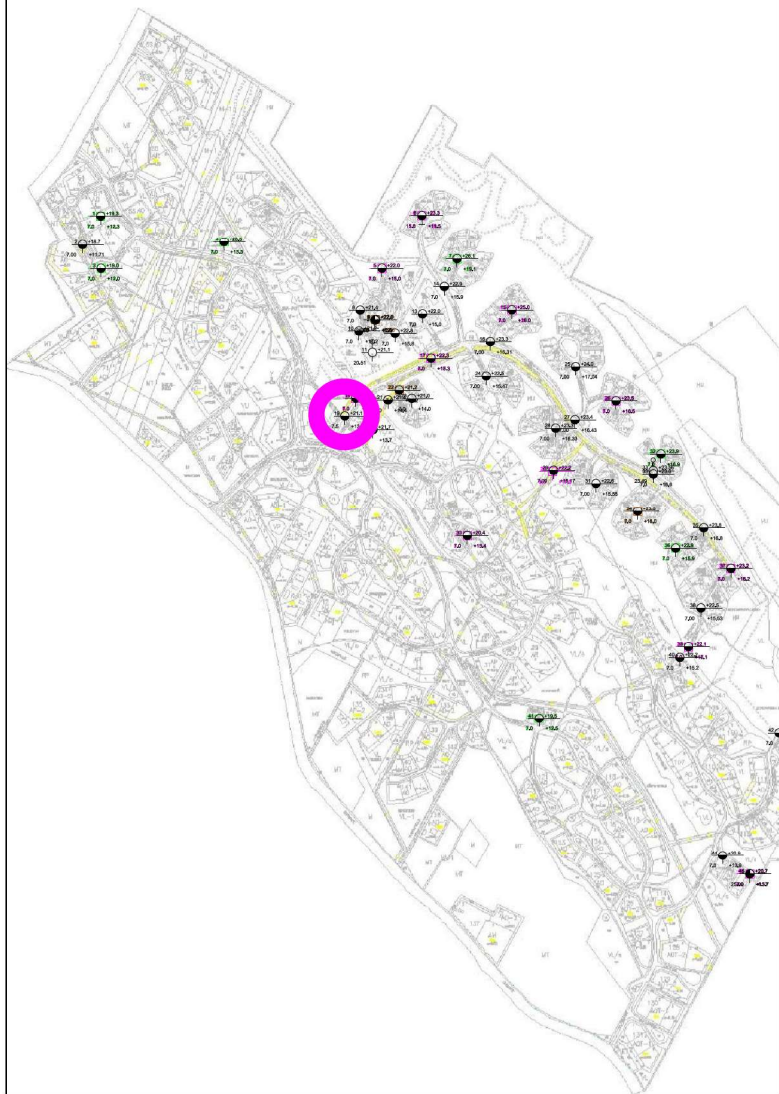
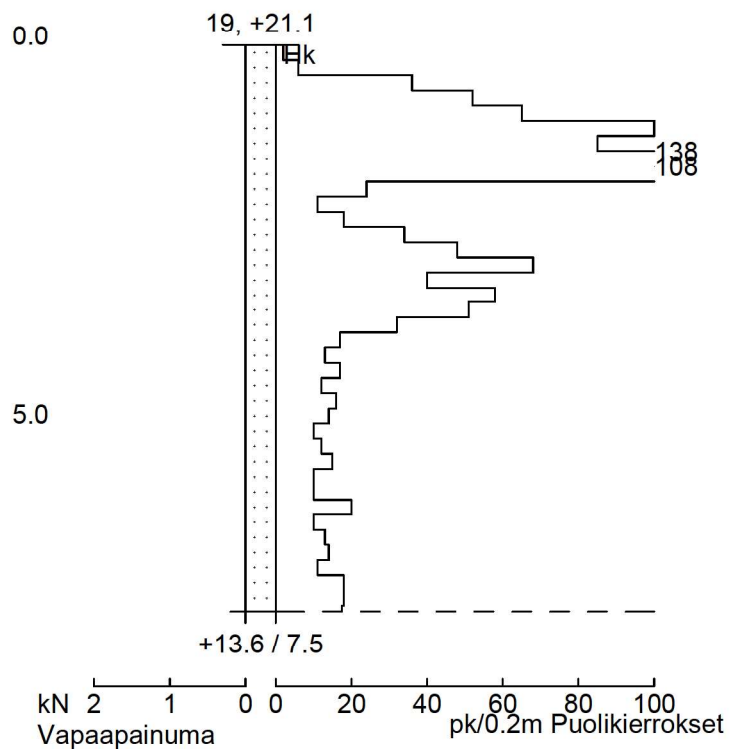
Y

26484478.108

Päivä

26.10.2020

Painokairaus



Kohde
Murto Korkiakaato

Numero
19

X
7193723.495

Y
26484452.373

Maanpinta
21.052

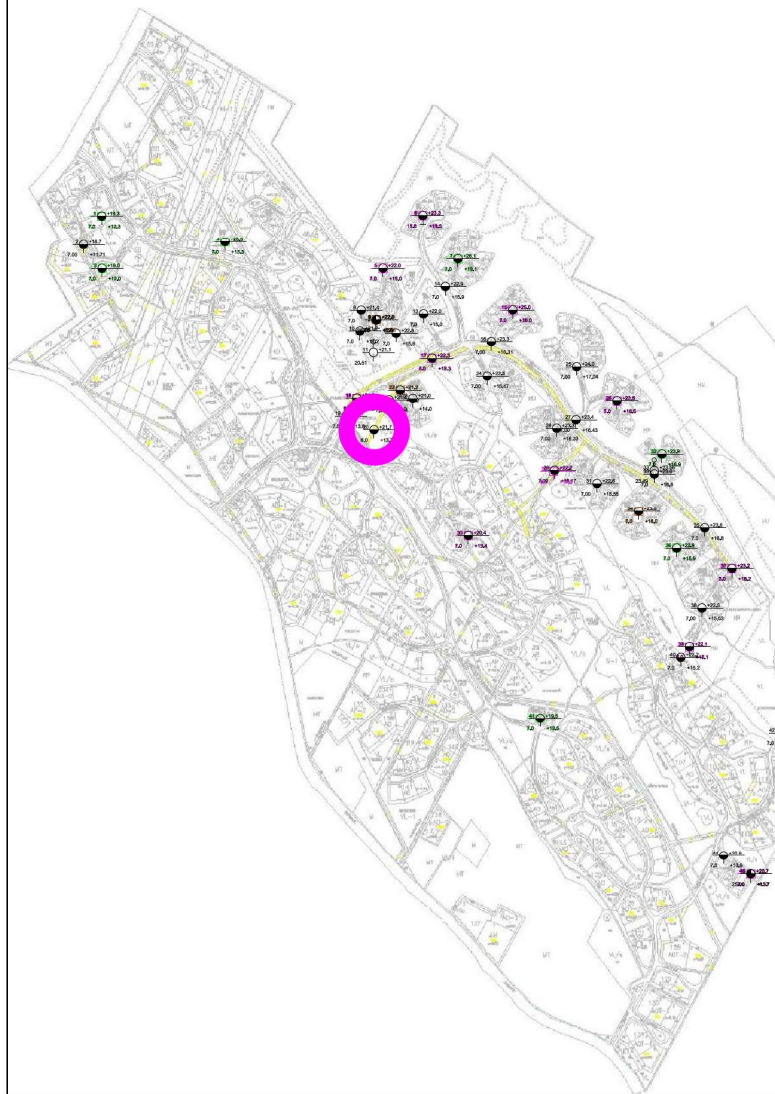
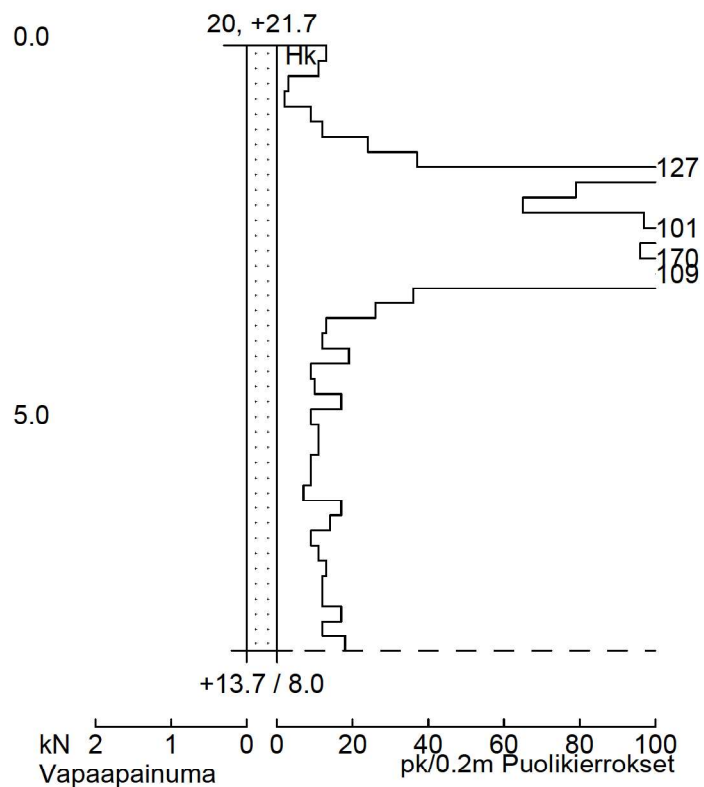
Kairastapa
Painokairaus

Työ
20112020

Päivä
20.11.2020

Mittakaava
1:100

Painokairaus



Kohde
Murto Pystykorva

Numero
20

Kairaustapa
Painokairaus

X
7193690.867

Maanpinta
21.702

Työ
20112020

Mittakaava
1:100

Y
26484519.262

Päivä
20.11.2020

Painokairaus

0.0

21, +21.4

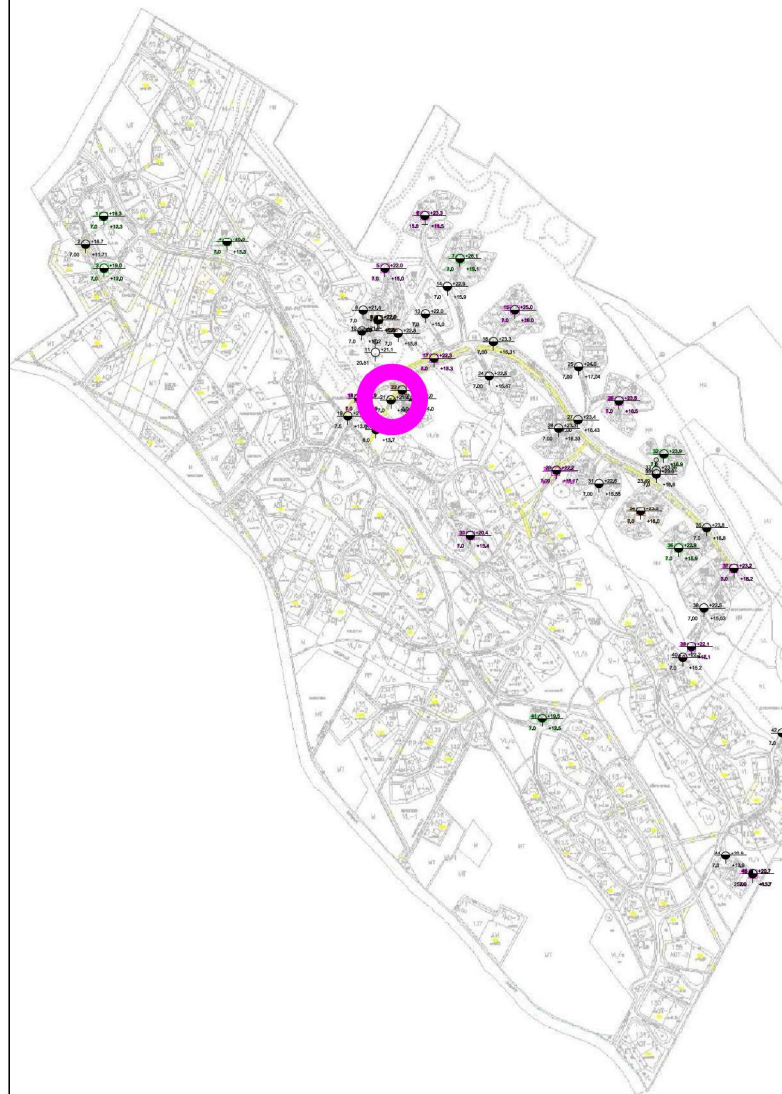
SiHk

5.0

Si

+14.43 / 7.00

kN 2 1 0 0 20 40 60 80 100
Vapaapainuma pk/0.2m Puolikierrokset



Kohde
Murto Tupsukorva

Numero
21

X
7193761.336

Maanpinta
21.432

Y
26484554.778

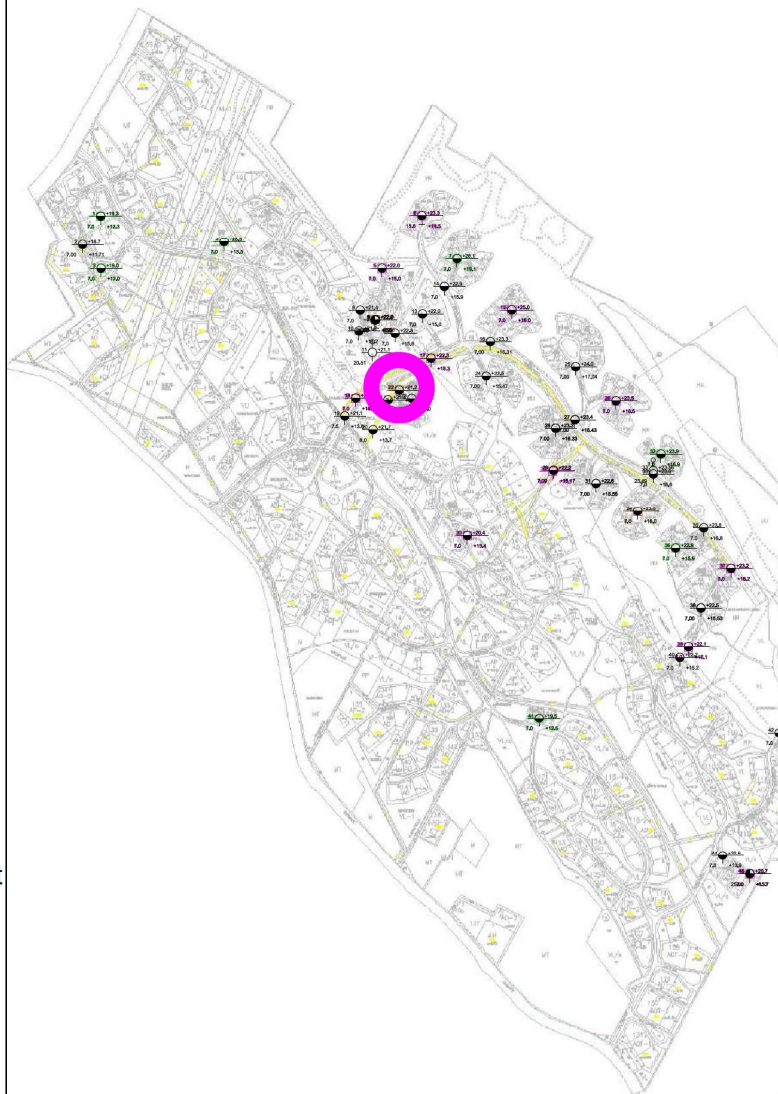
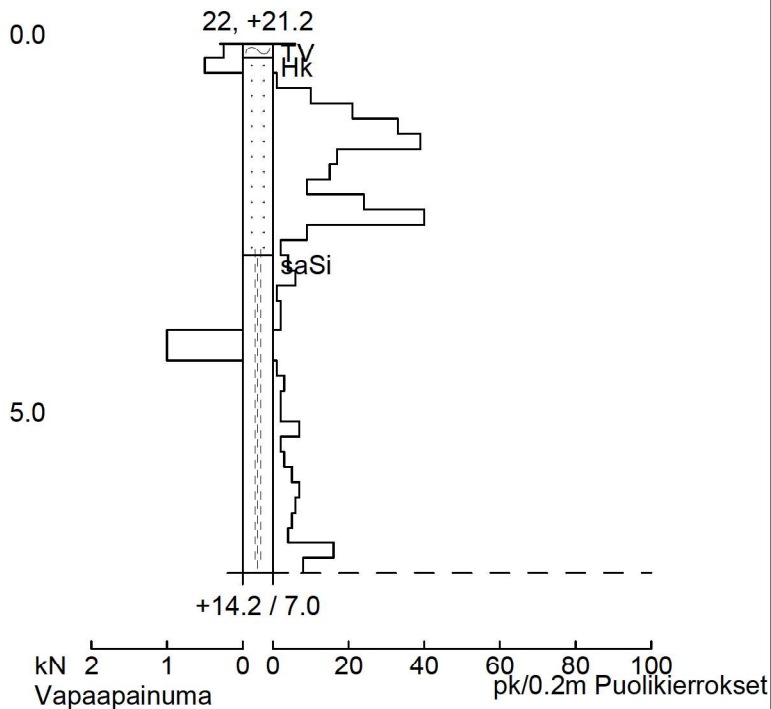
Kairaustapa
Painokairaus

Työ
26102020

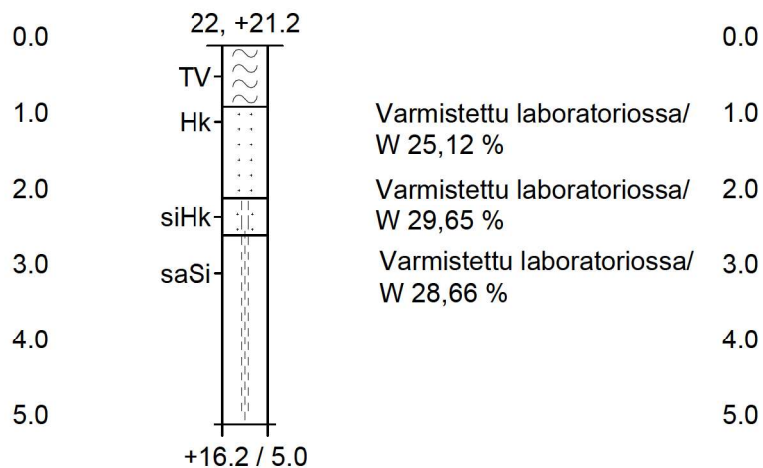
Mittakaava
1:100

Päivä
26.10.2020

Painokairaus



Maalaji koekuoppa



Kohde

Murto Tupsukorva

Numero

22

X

7193784.916

Maanpinta

21.194

Y

26484581.590

Kairaustapa

Koekuoppa

Työ

Mittakaava

1:100

Päivä

26.10.2020

Painokairaus

0.0

23, +21.0

Tv

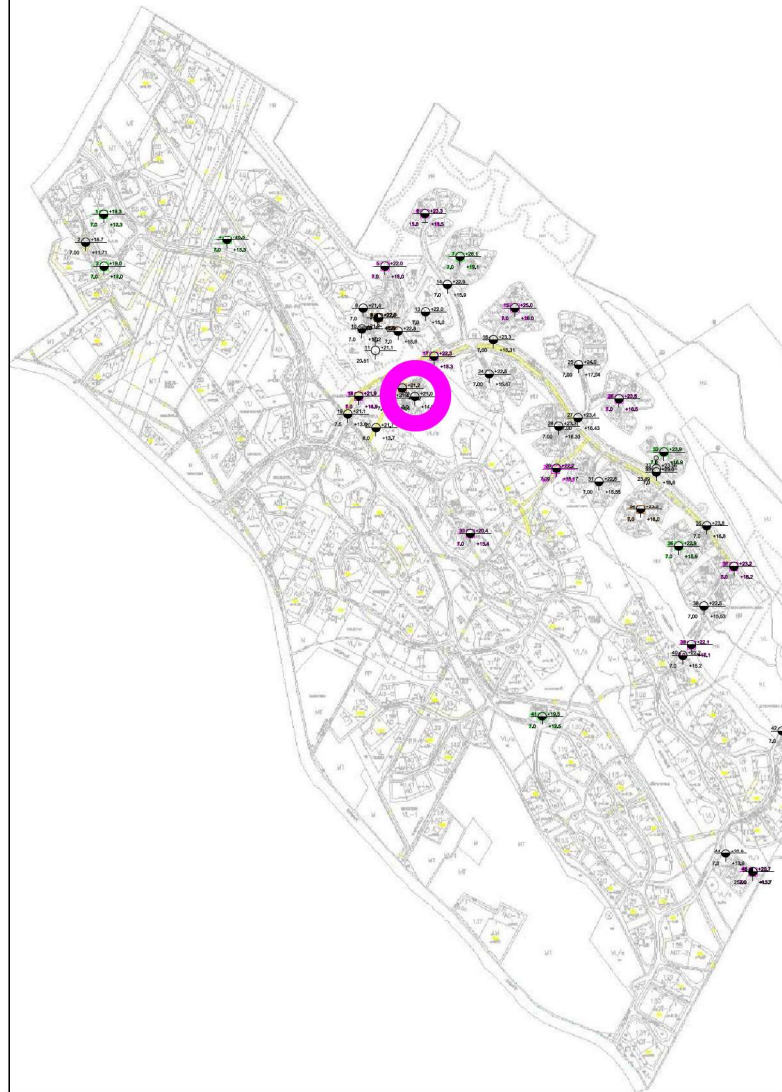
SiHk

Si

5.0

+13.99 / 7.00

kN 2 1 0 0 20 40 60 80 100
Vapaapainuma pk/0.2m Puolikierrokset



Kohde

Murto Tupsukorva

Numero

23

Kairaustapa

Painokairaus

X

7193764.999

Maanpinta

20.994

Työ

26102020

Mittakaava

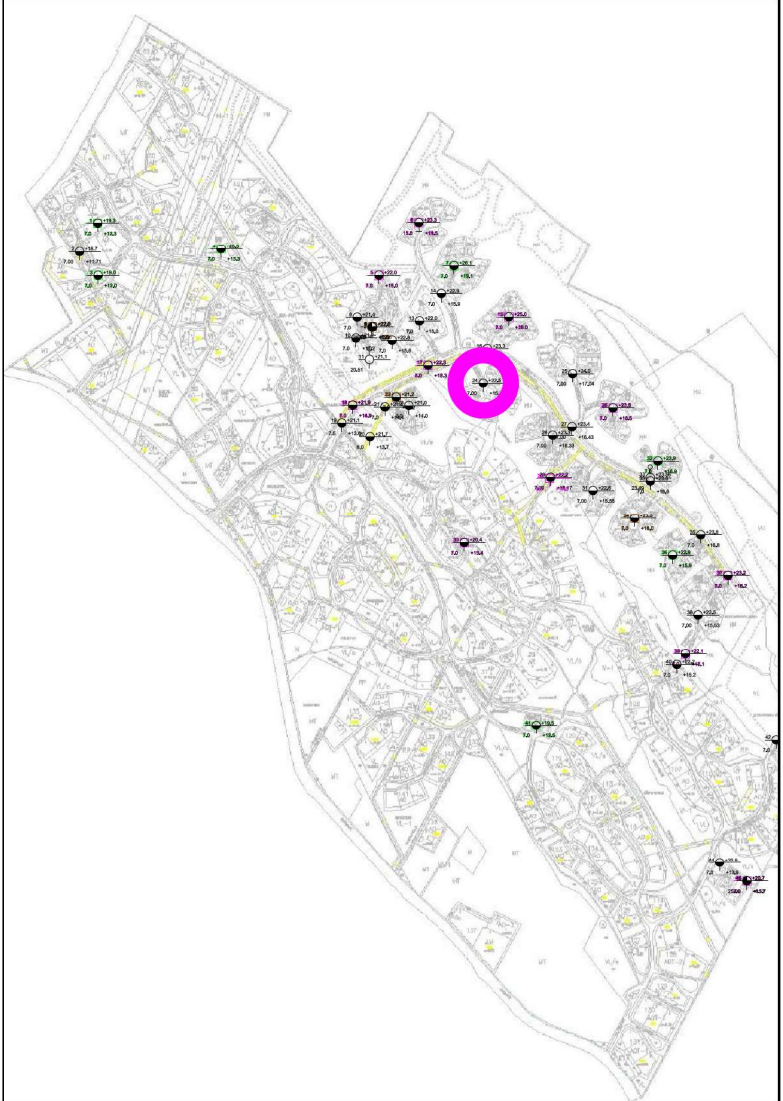
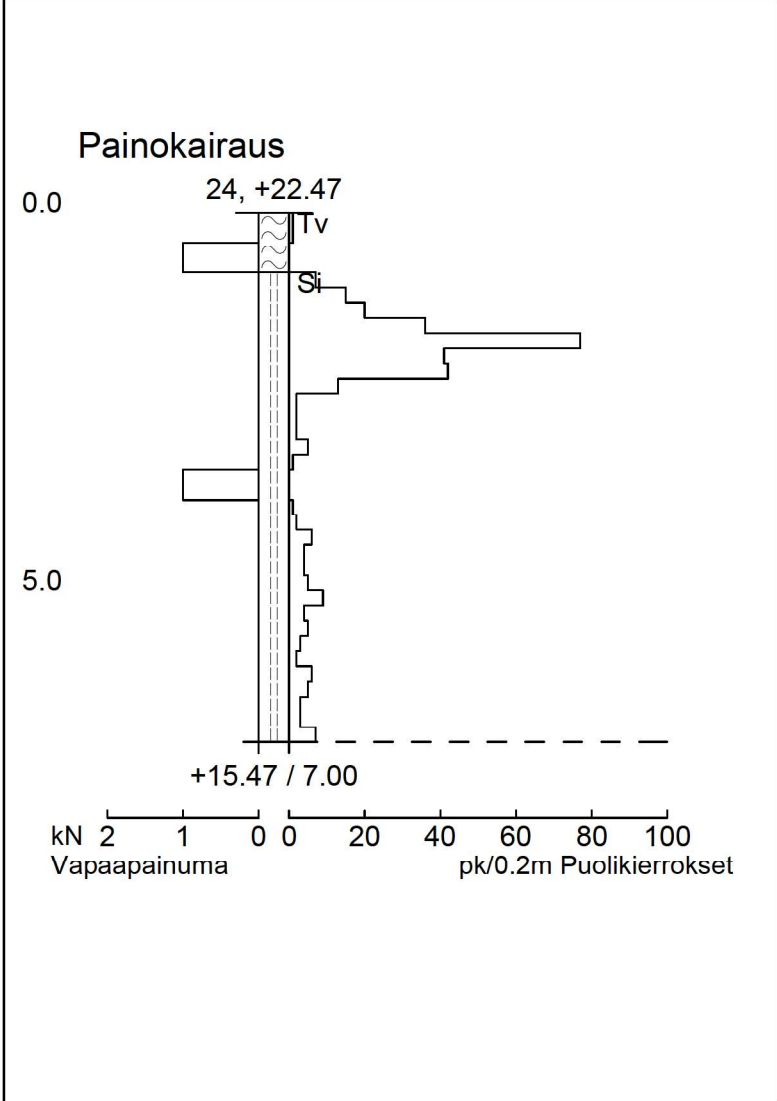
1:100

Y

26484611.749

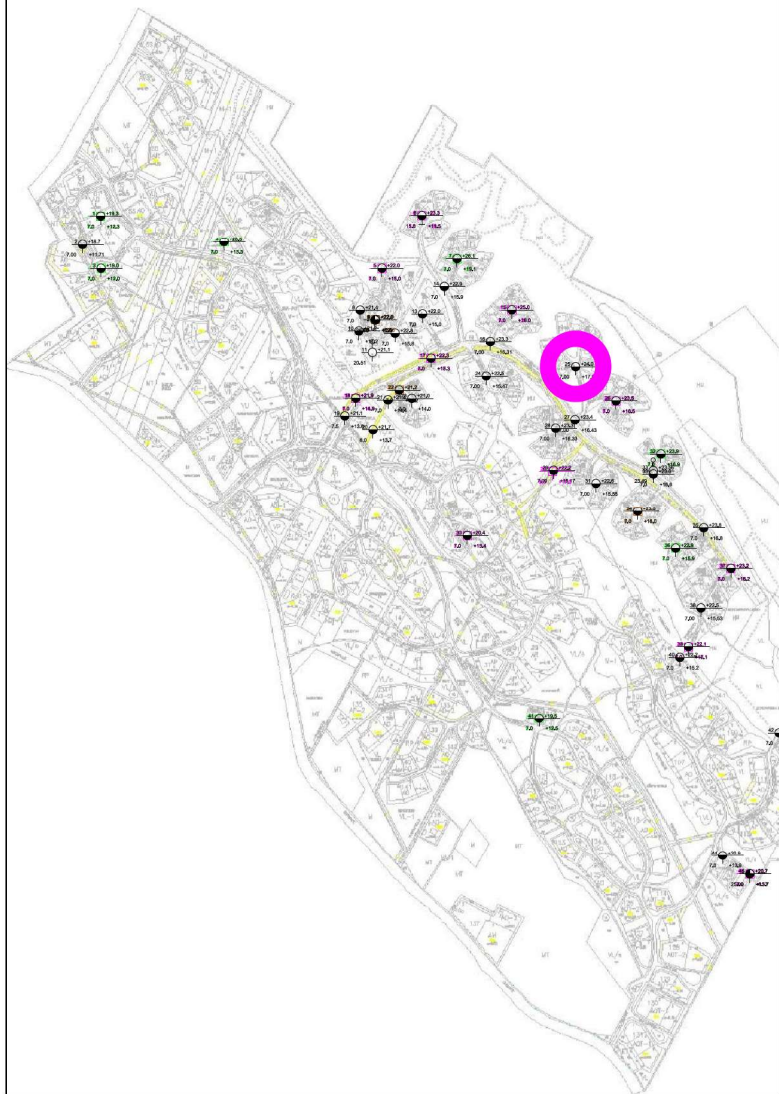
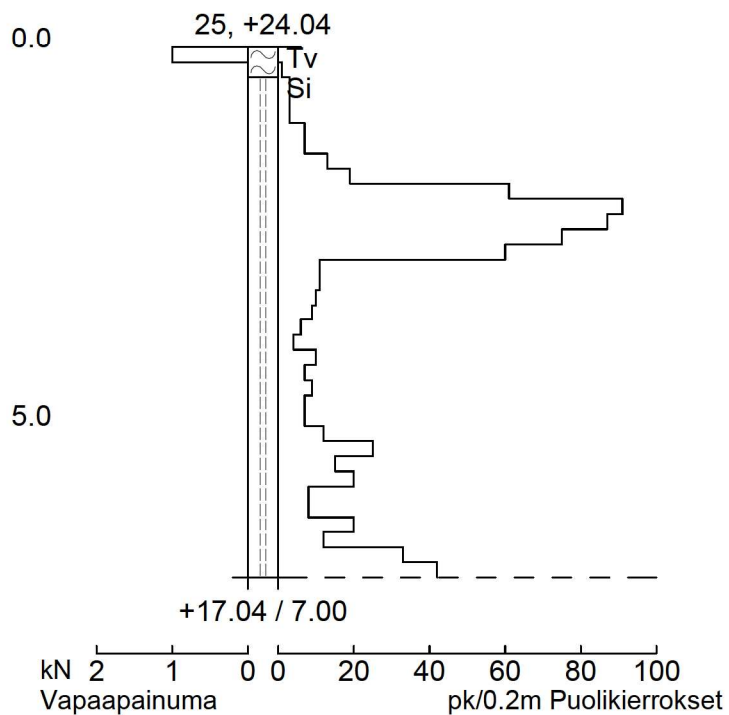
Päivä

26.10.2020



Kohde Murto Isokäpälä			
Numero 24		Kairaustapa Painokairaus	
X 7193818.352	Maanpinta 22.468	Työ 25012021	Mittakaava 1:100
Y 26484788.322		Päivä	

Painokairaus



Kohde
Murto Sudenhiihto

Numero
25

Kairaustapa
Painokairaus

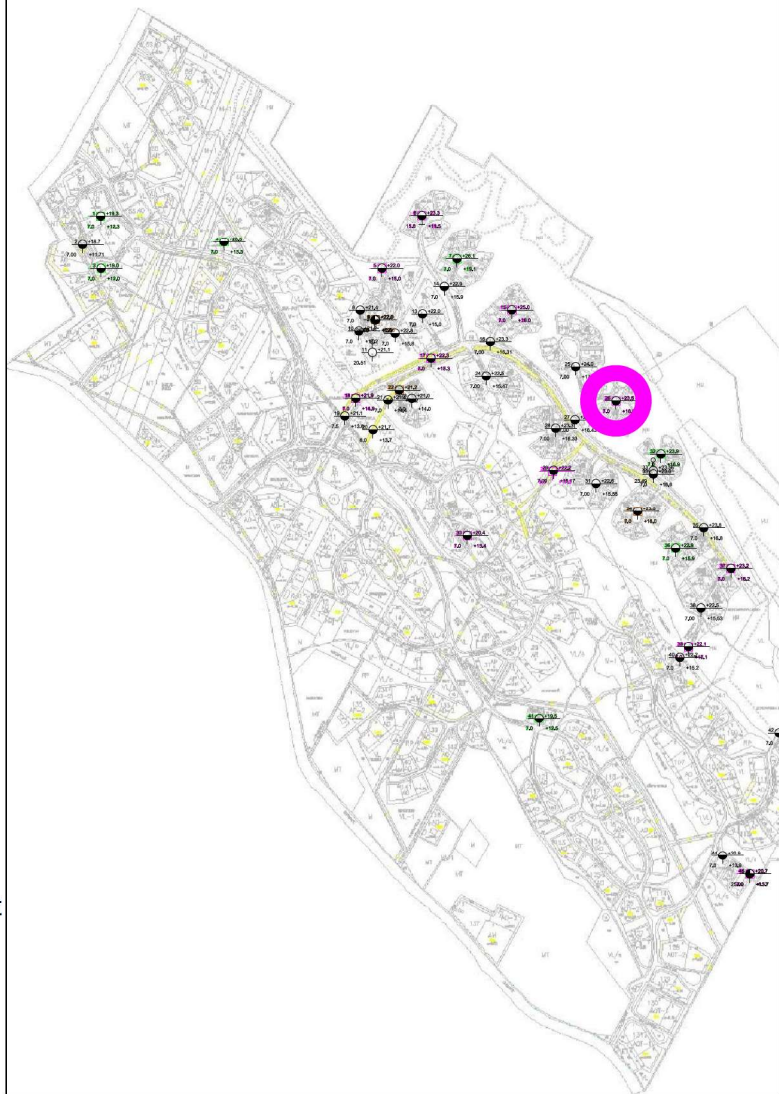
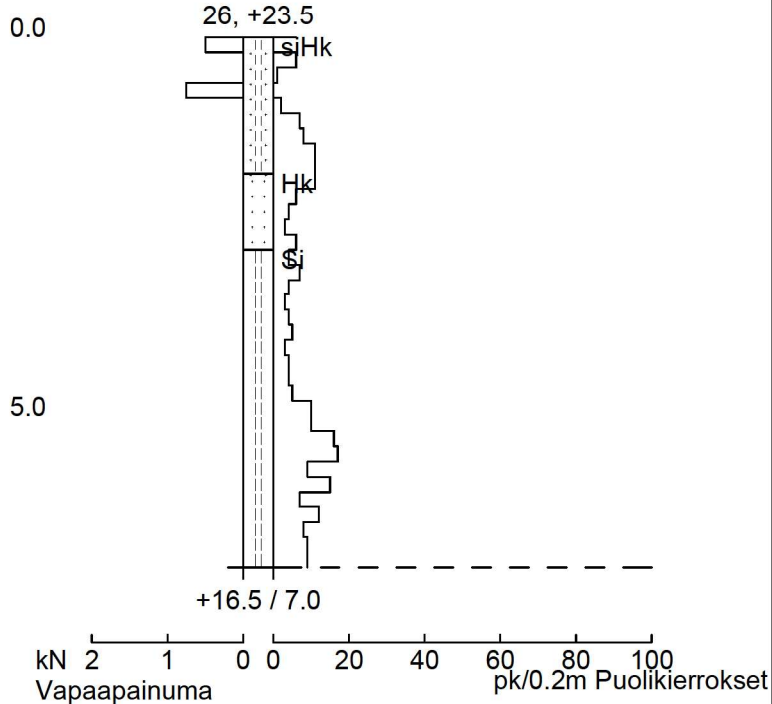
X
7193840.819 Maanpinta
24.038

Työ
25012021 Mittakaava
1:100

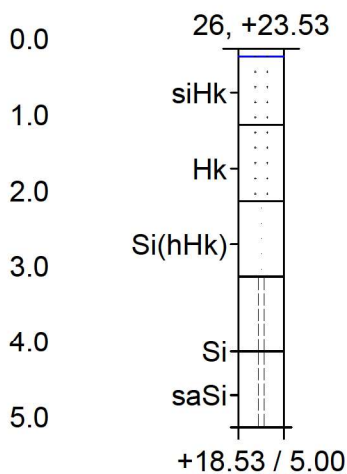
Y
26485000.985

Päivä
25.1.2021

Painokairaus



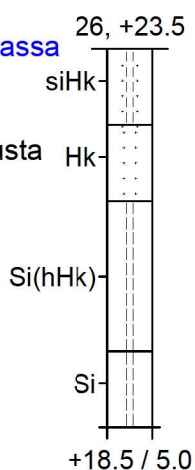
Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5.22
/ seassa humusta
pH 1 5,34
pH 1 6,748
pH 1 6,995
pH 1 6,740

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 21,4 %

Varmistettu laboratoriossa/
W 21,3 %

Varmistettu laboratoriossa/
W 28,46 %

Kohde

Murto Sudentarha

Numero

26

X

7193759.345

Maanpinta

23.530

Y

26485097.203

Kairaustapa

Koekuoppa

Työ

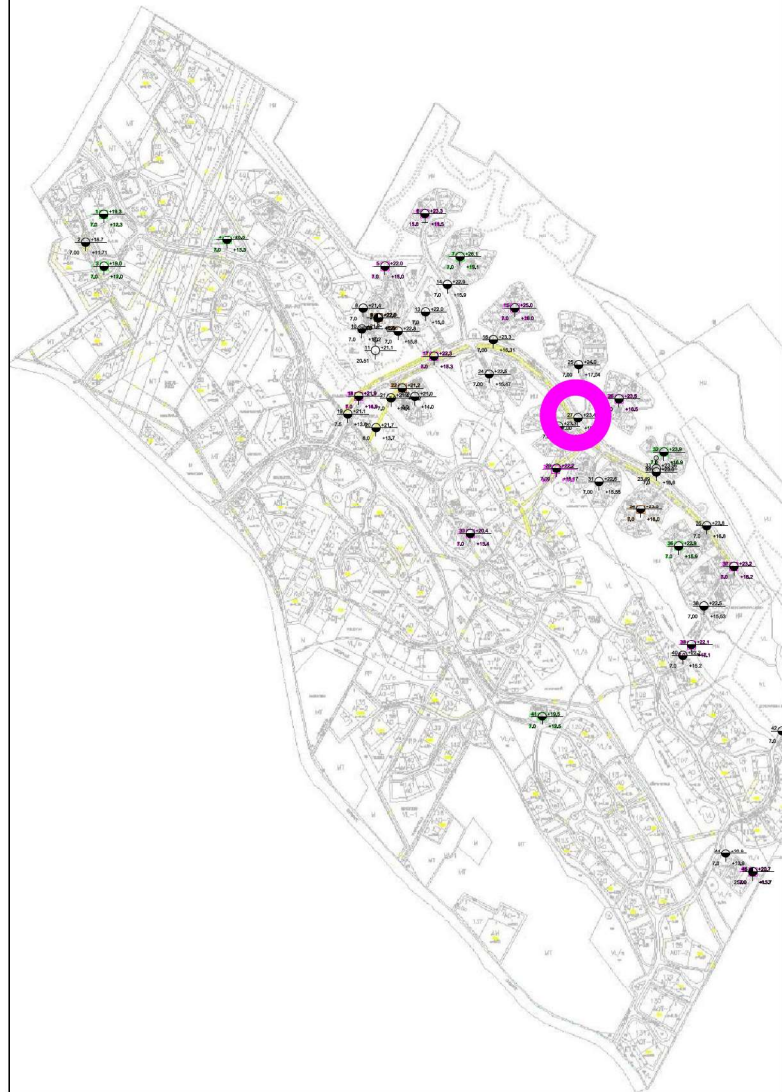
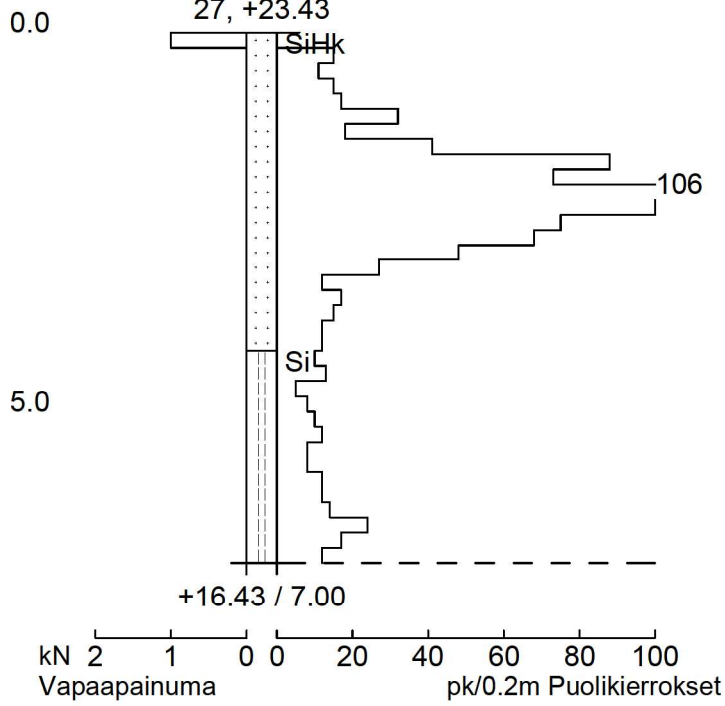
Mittakaava

1:100

Päivä

28.10.2020

Painokairaus



Kohde

Murto Kultarinta

Numero

27

Kairaustapa

Painokairaus

X

7193714.490

Maanpinta

23.425

Työ

13122020

Mittakaava

1:100

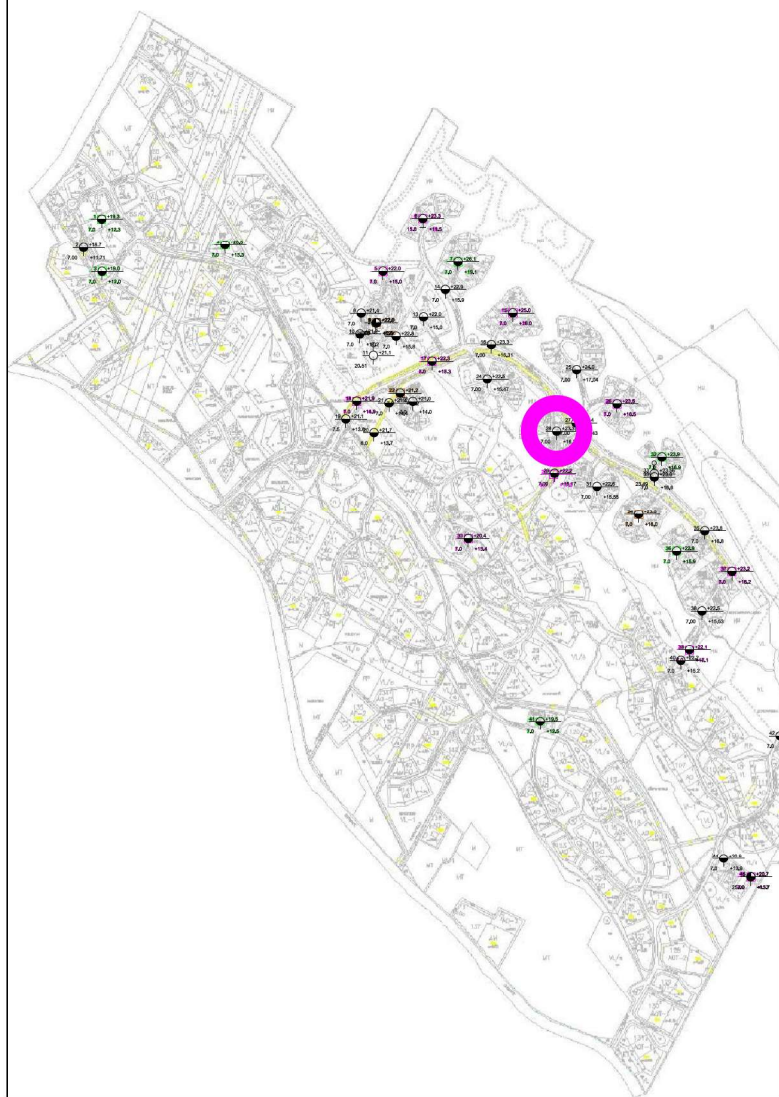
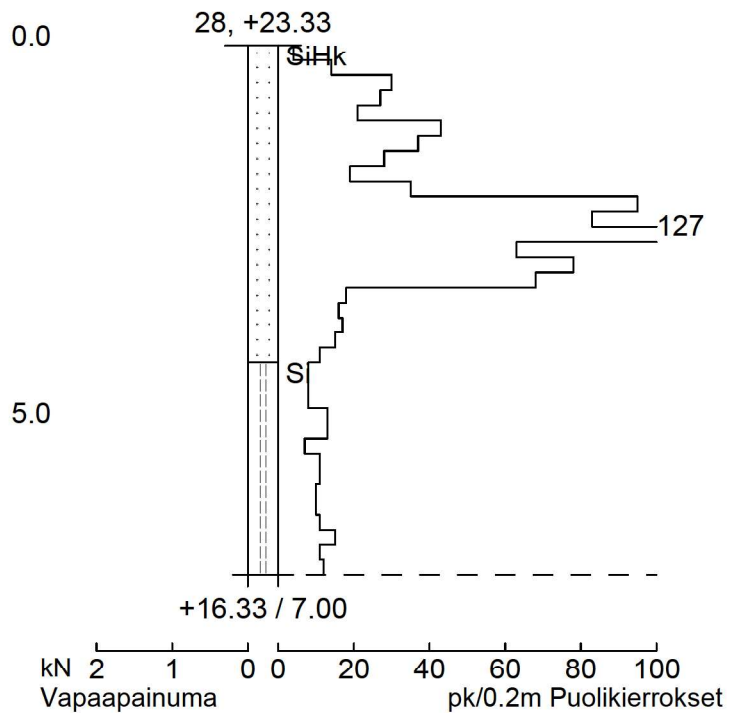
Y

26484999.690

Päivä

14.12.2020

Painokairaus



Kohde
Murto Kultarinta

Numero
28

Kairaustapa
Painokairaus

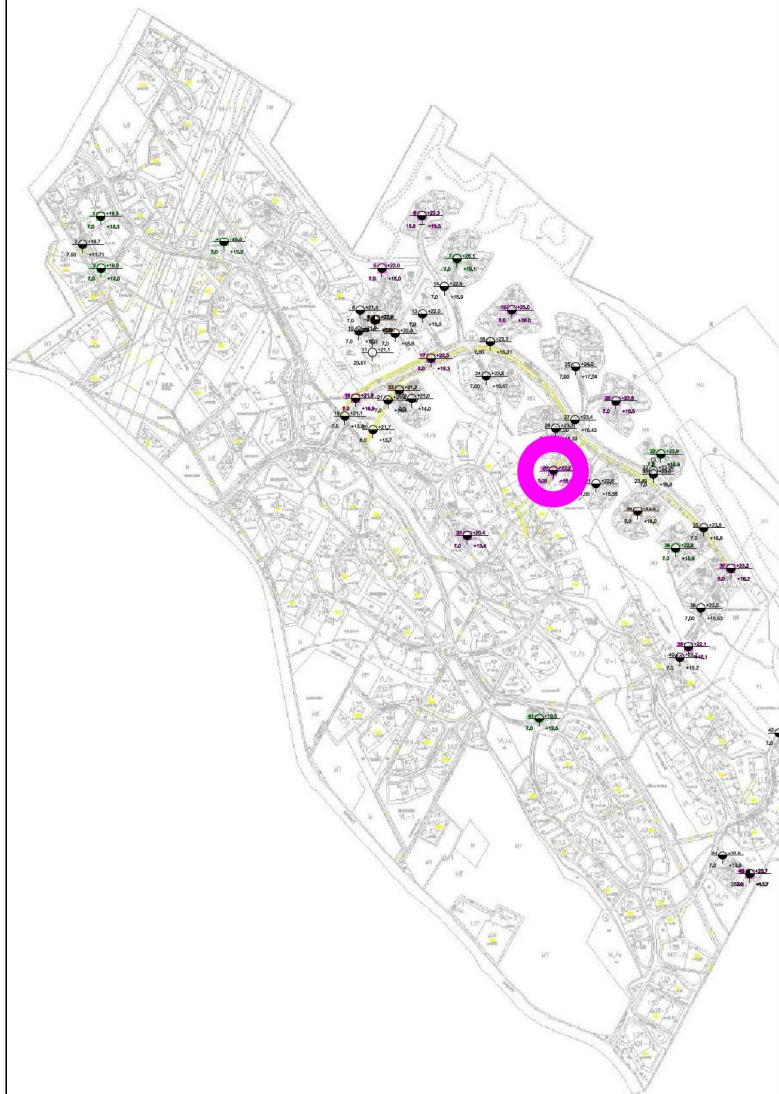
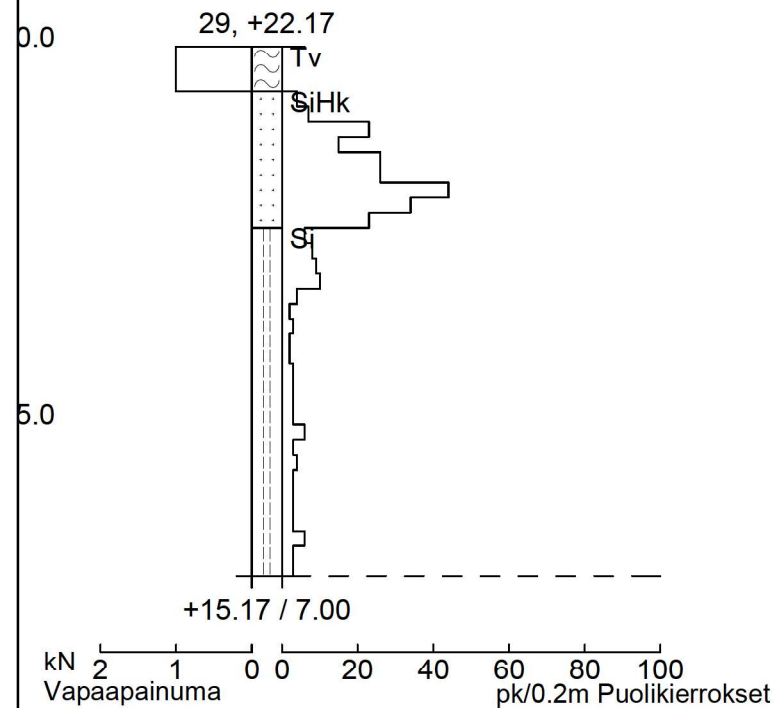
X
7193694.511 Maanpinta
23.325

Työ
13122020 Mittakaava
1:100

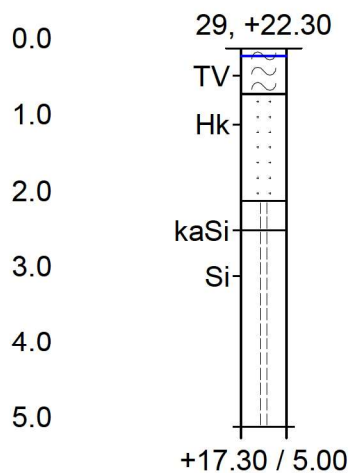
Y
26484953.632 +16.33

Päivä
14.12.2020

Painokairaus



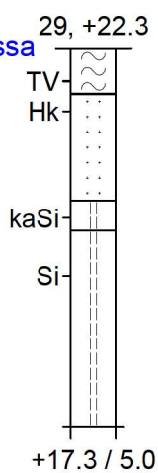
Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5,35
pH 1 6,44
pH 1 6,93
pH 1 6,90
pH 1 6,641

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 22,68 %
Varmistettu laboratoriossa/
W 19,4 %
Varmistettu laboratoriossa/
W 22,8 %

Kohde

Murto Muinaispolku

Numero

29

X

7193592.155

Maanpinta

22.300

Y

26484945.880

Kairaustapa

Koekuoppa

Työ

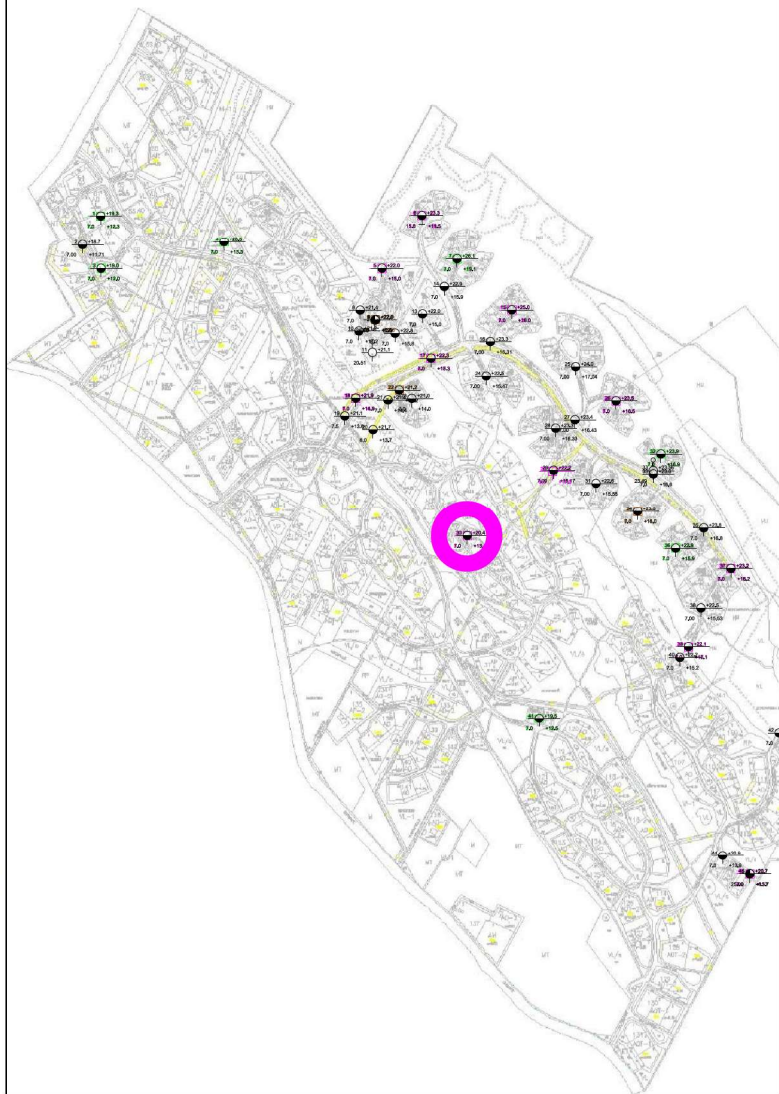
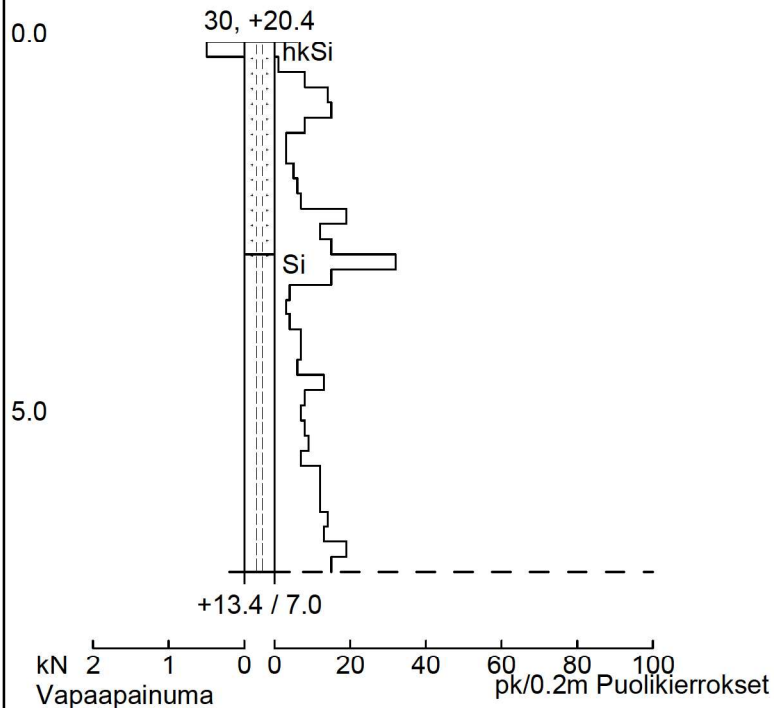
Mittakaava

1:100

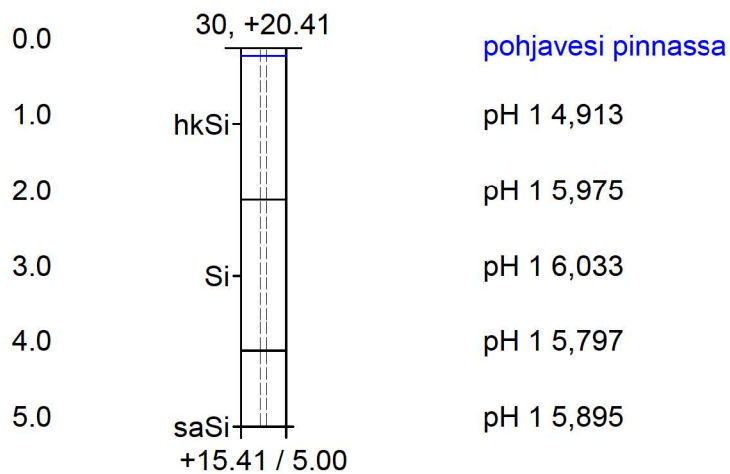
Päivä

22.10.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Peittohiekka

Numero

30

Kairaustapa

Koekuoppa

X

7193437.606

Maanpinta

20.410

Työ

Mittakaava

1:100

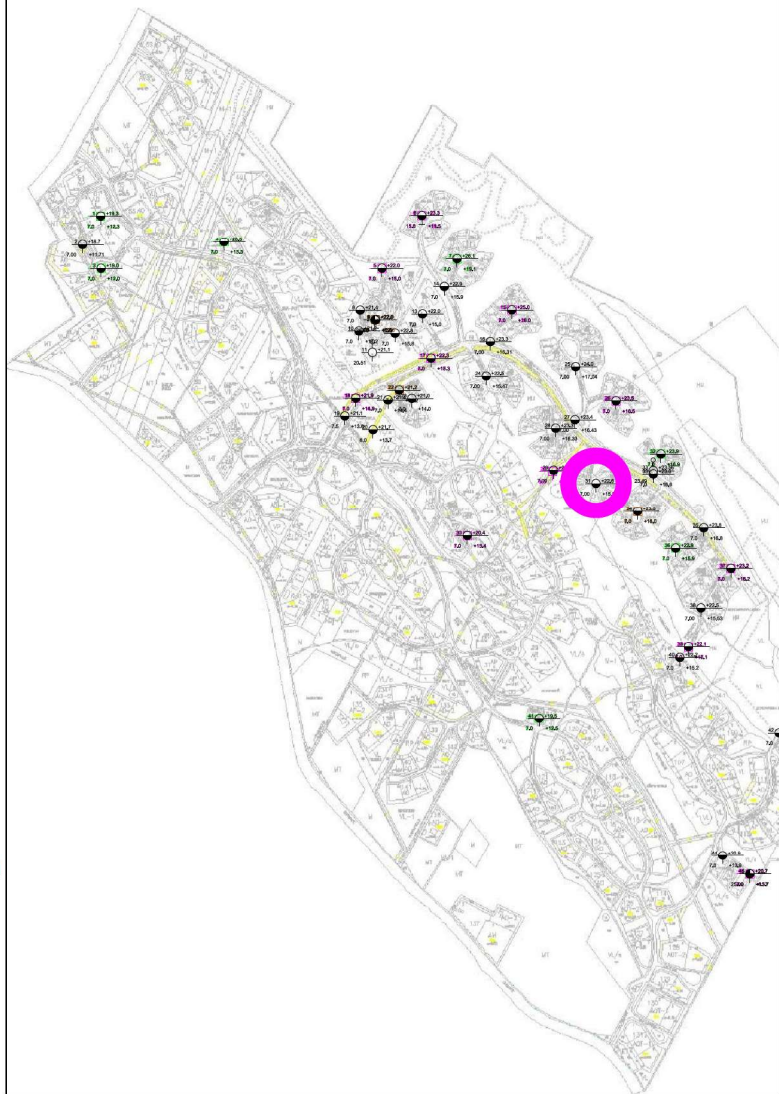
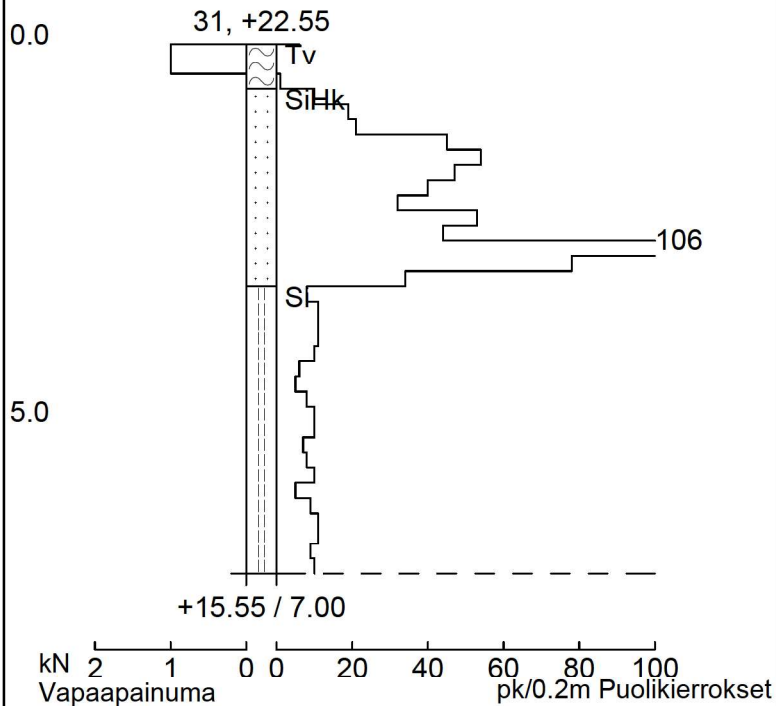
Y

26484743.566

Päivä

29.10.2020

Painokairaus



Kohde

Murto Kruunupää

Numero

31

X

7193563.491

Maanpinta

22.551

Y

26485049.562

Kairaustapa

Painokairaus

Työ

13122020

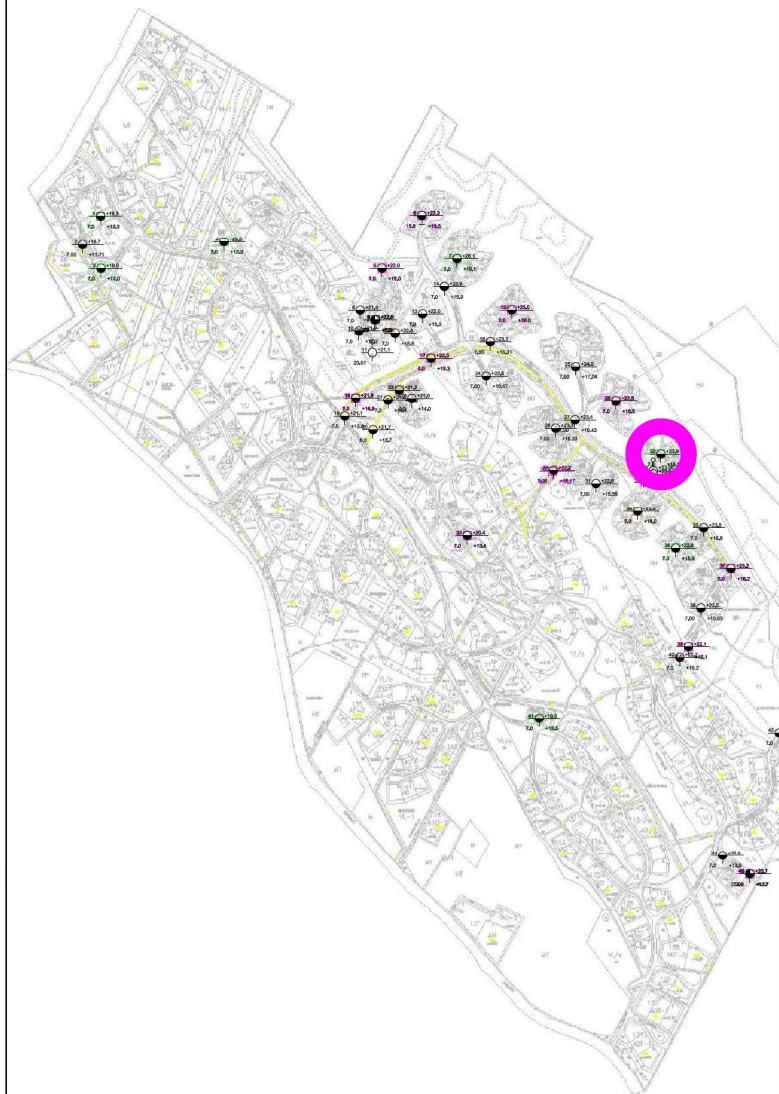
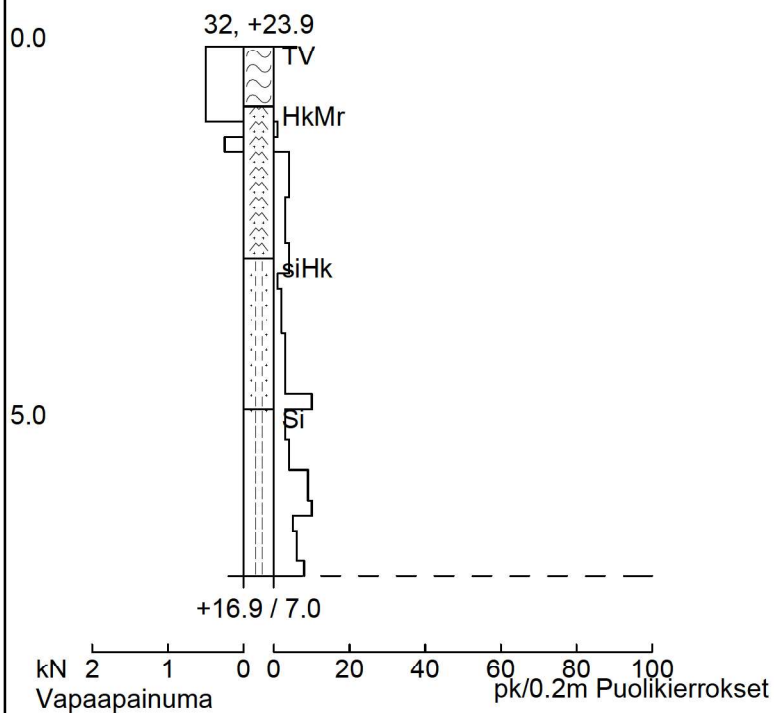
Mittakaava

1:100

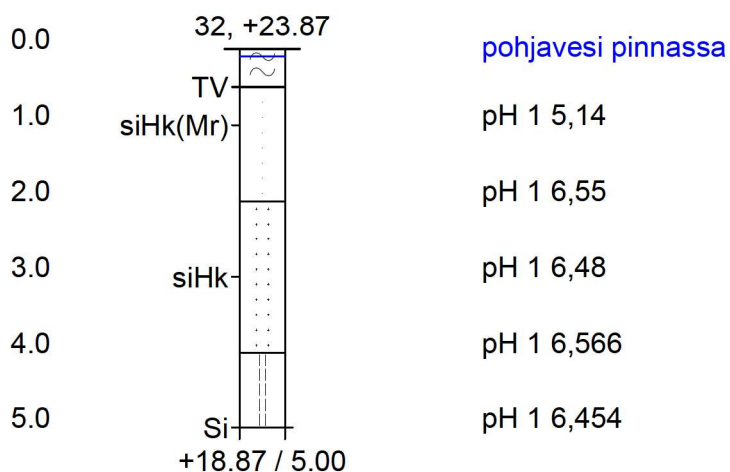
Päivä

14.12.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Oravapaukku

Numero

32

X

7193633.512

Maanpinta

23.870

Y

26485203.870

Kairaustapa

Koekuoppa

Työ

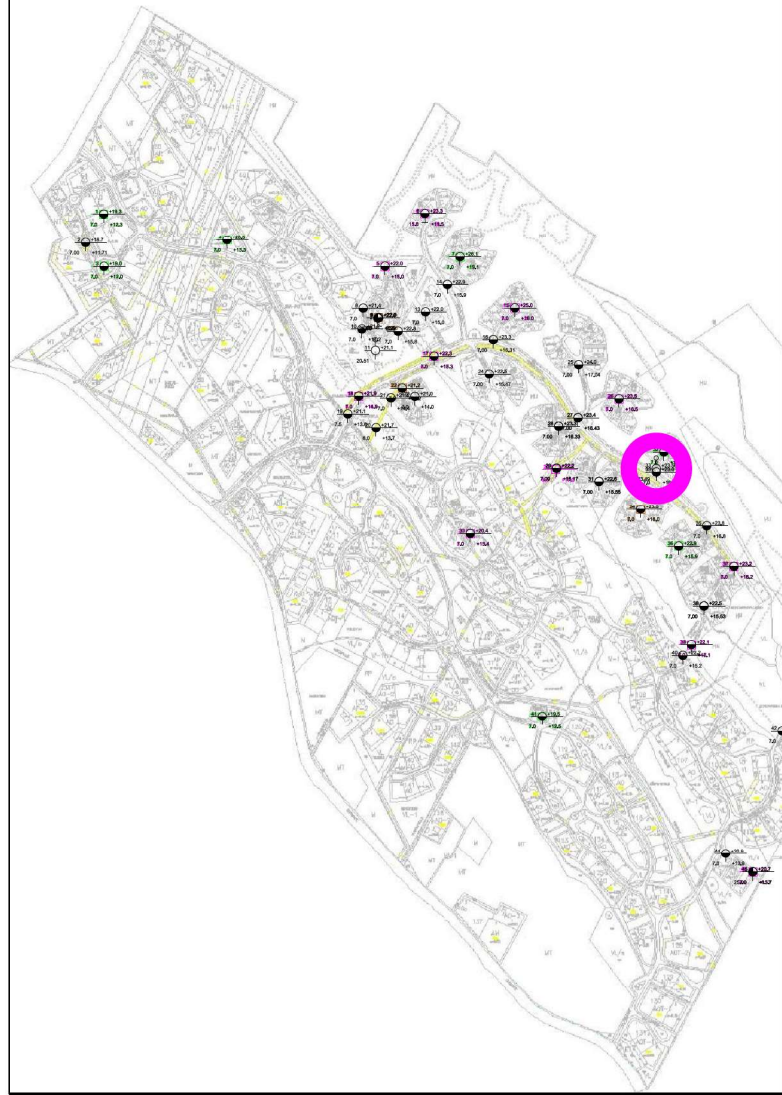
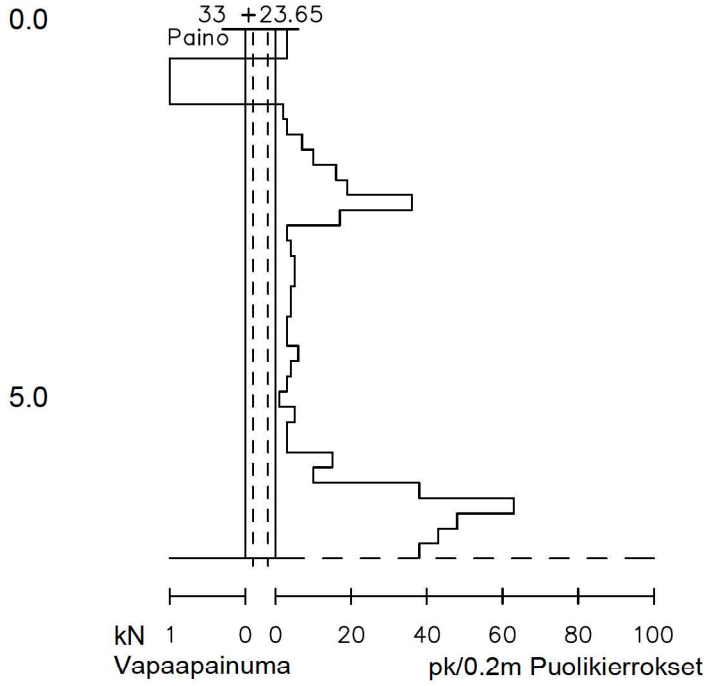
Mittakaava

1:100

Päivä

28.10.2020

Painokairaus



Murto/Pv2

Pp +23.96

Mp +23.56



W_{max} +23.56 30.10.2020
W_{min} +23.49 04.12.2020

asennuspäivä

Kohde

Murto Oravapaukku

Numero

33

Kairaustapa

Pohjavesiputki

X

7193594.306

Maanpinta

23.56

Työ

Mittakaava

1:100

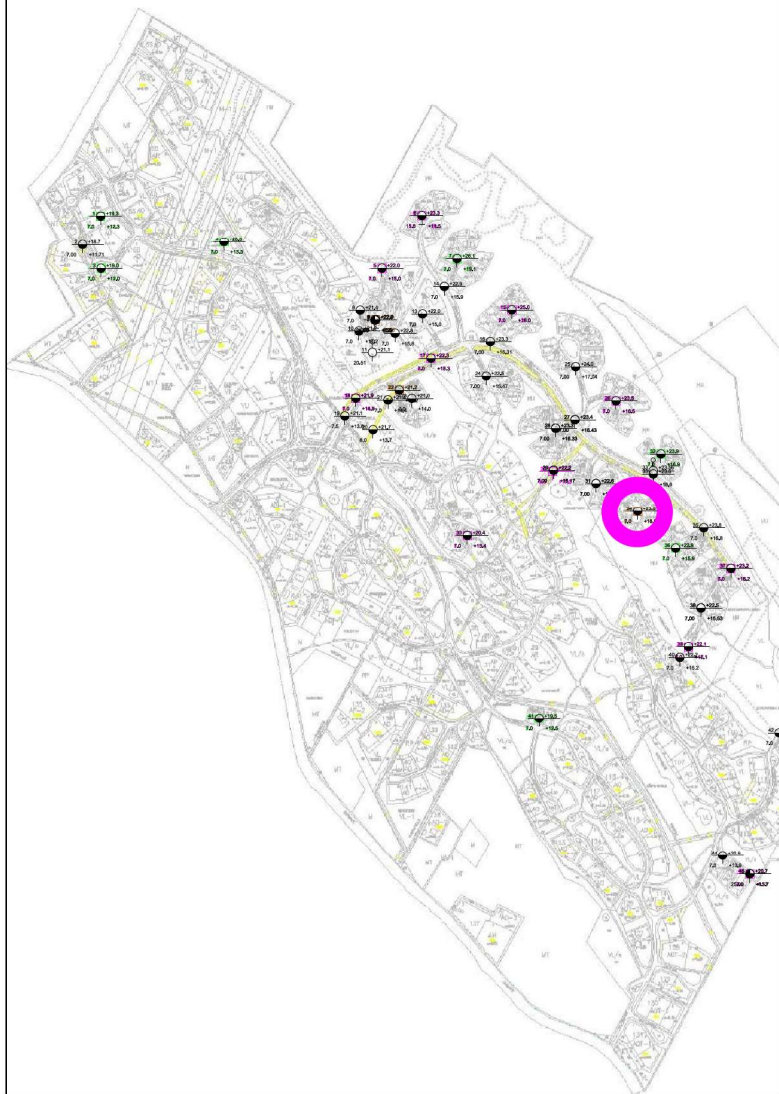
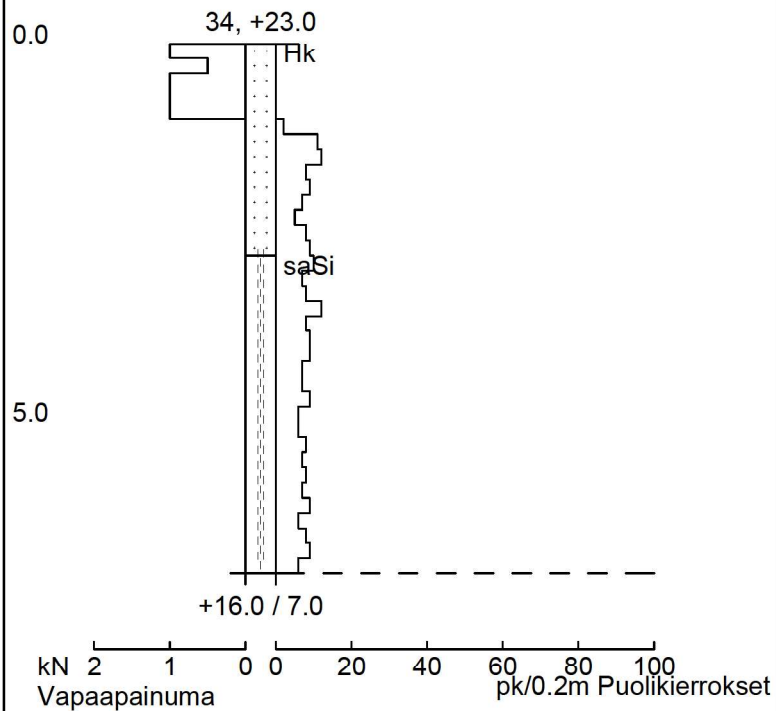
Y

26485185.703

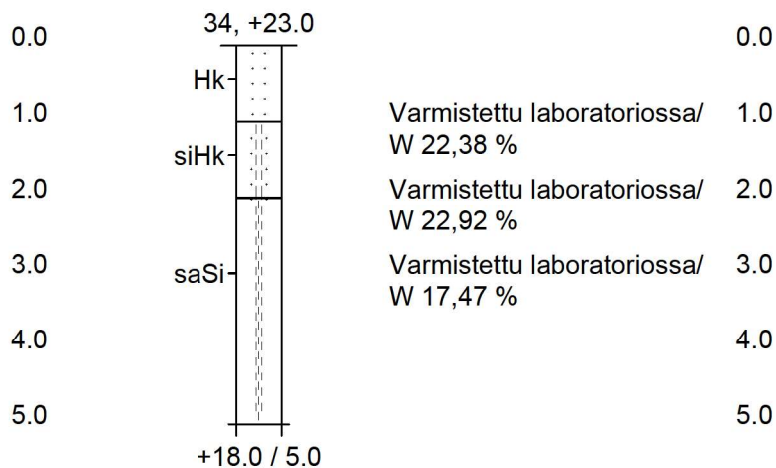
Päivä

30.10.2020

Painokairaus



Maalaji koekuoppa



Kohde

Murto Pihkahäntä

Numero

34

X

7193495.941

Maanpinta

22.964

Y

26485148.509

Kairaustapa

Koekuoppa

Työ

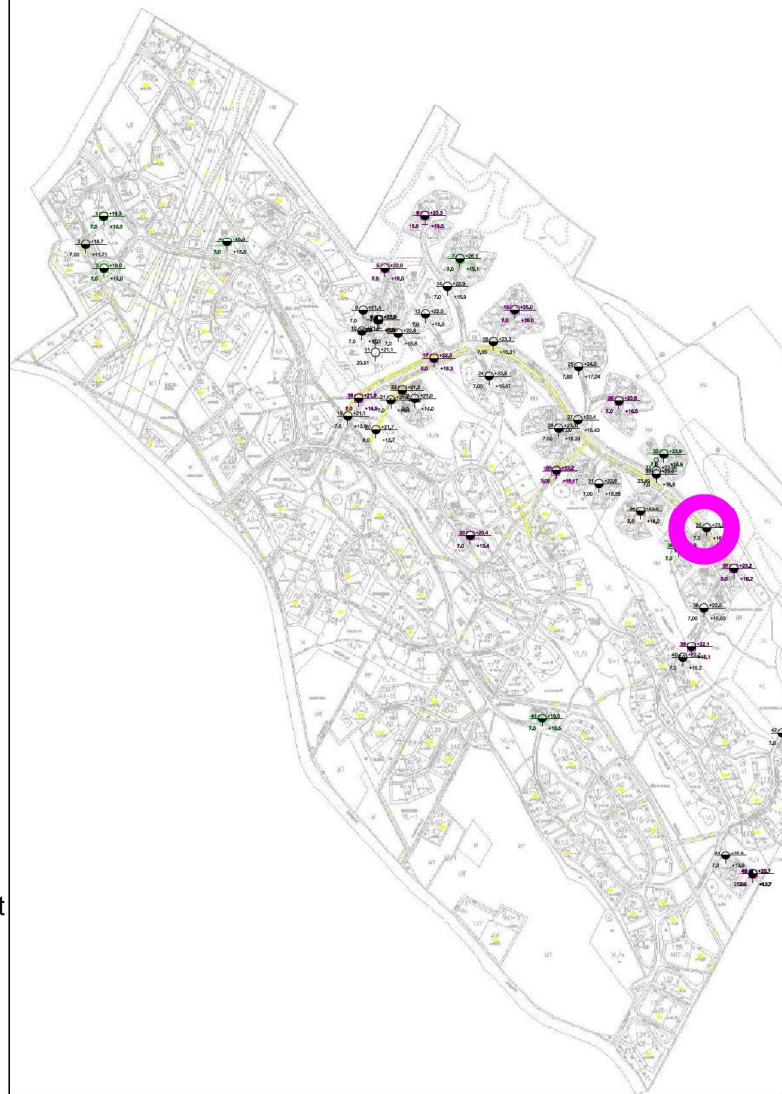
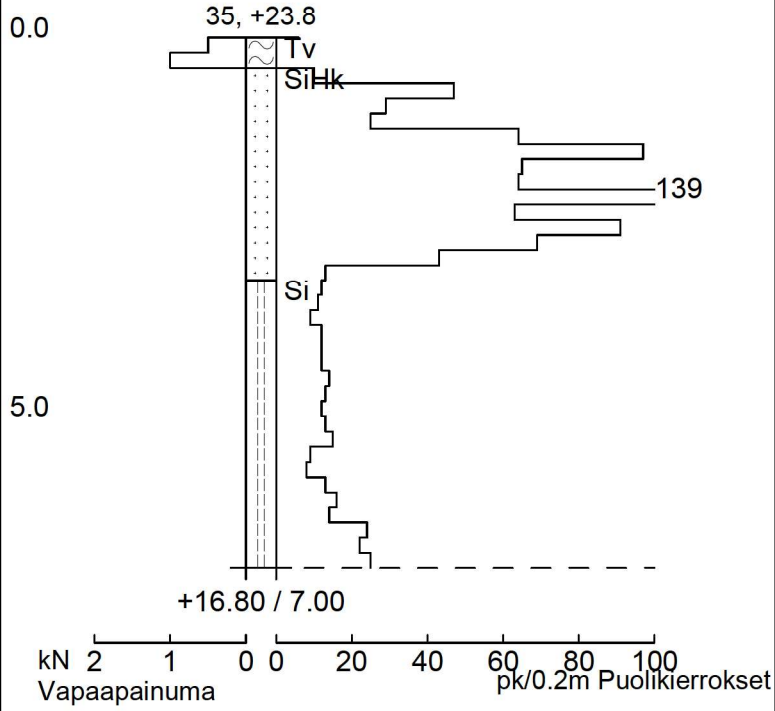
28.10.2020

Mittakaava

1:100

Päivä

Painokairaus



Kohde
Murto Korkiakaato

Numero
35

X
7193455.773

Y
26485305.615

Maanpinta
23.796

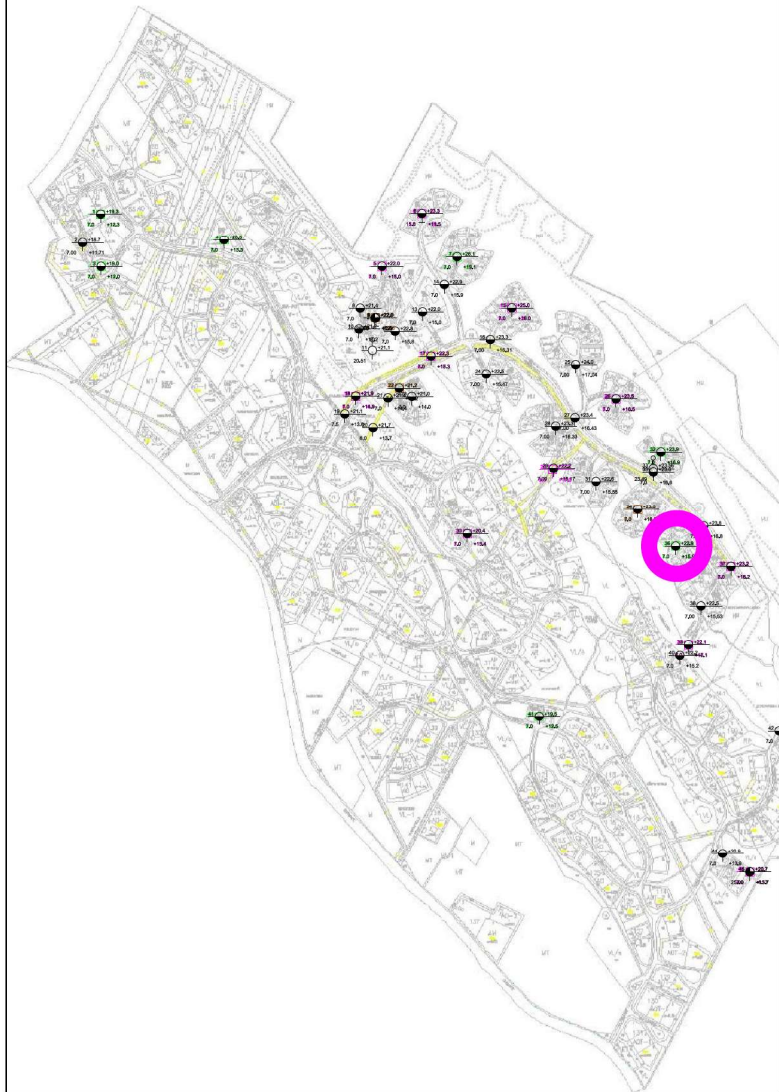
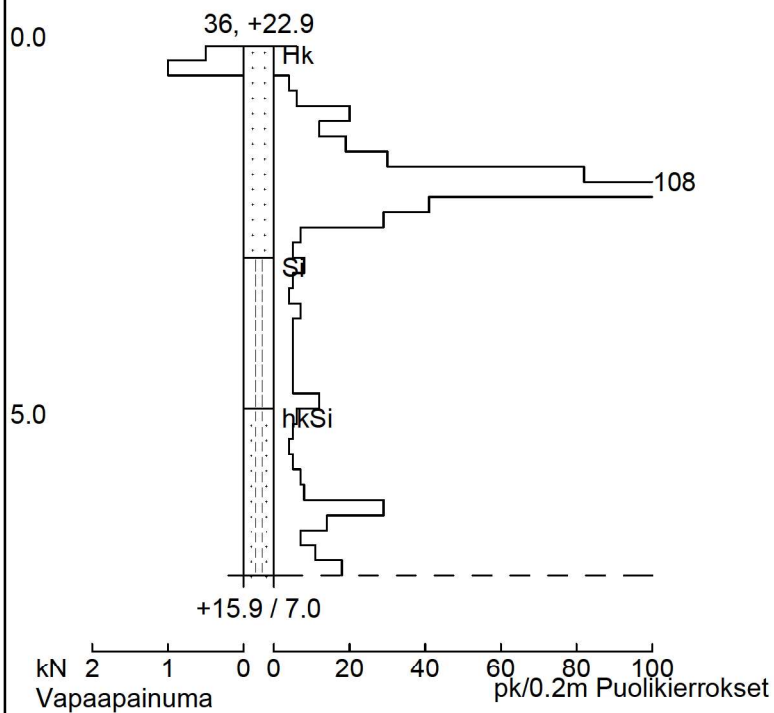
Kairaustapa
Painokairaus

Työ
29102020

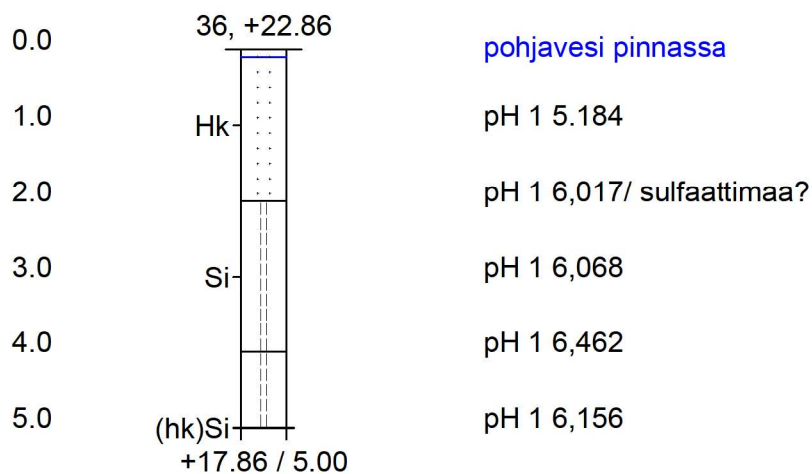
Päivä
29.10.2020

Mittakaava
1:100

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Tulikettu

Numero

36

X

7193407.837

Maanpinta
22.861

Y

26485238.902

Kairaustapa

Koekuoppa

Työ

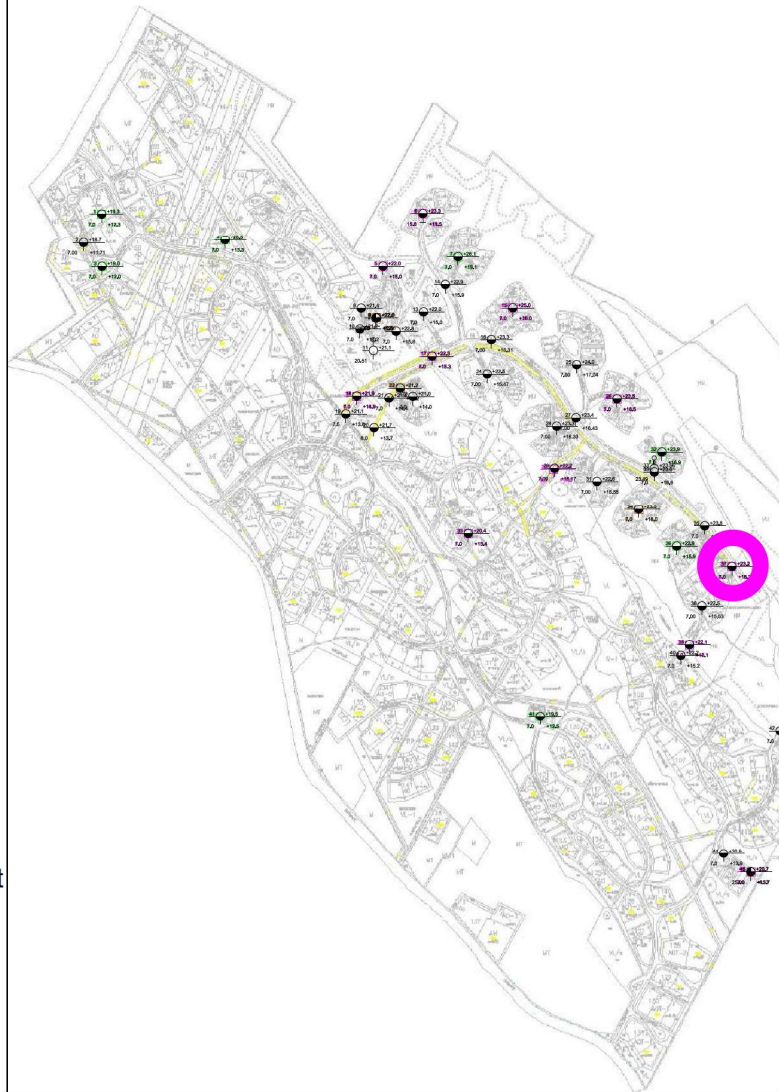
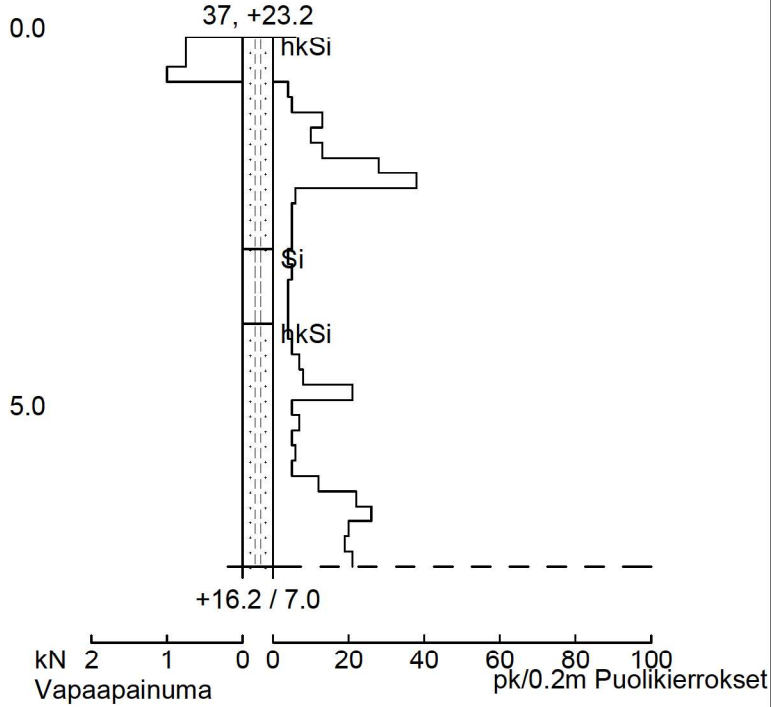
Mittakaava

1:100

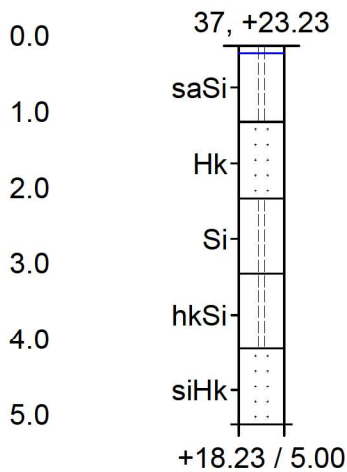
Päivä

29.10.2020

Painokairaus



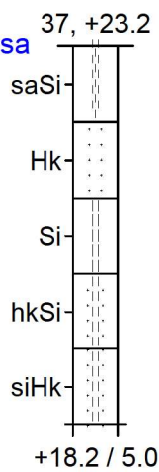
Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5.796
pH 1 6,30
pH 1 6,580
pH 1 6,349
pH 1 6,300

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 28,80 %
Varmistettu laboratoriossa/
W 19,3 %
Varmistettu laboratoriossa/
W 21,7 %

Kohde

Murto Korkiakaarto

Numero

37

X

7193359.518

Maanpinta

23.225

Y

26485370.544

Kairaustapa

Koekuoppa

Työ

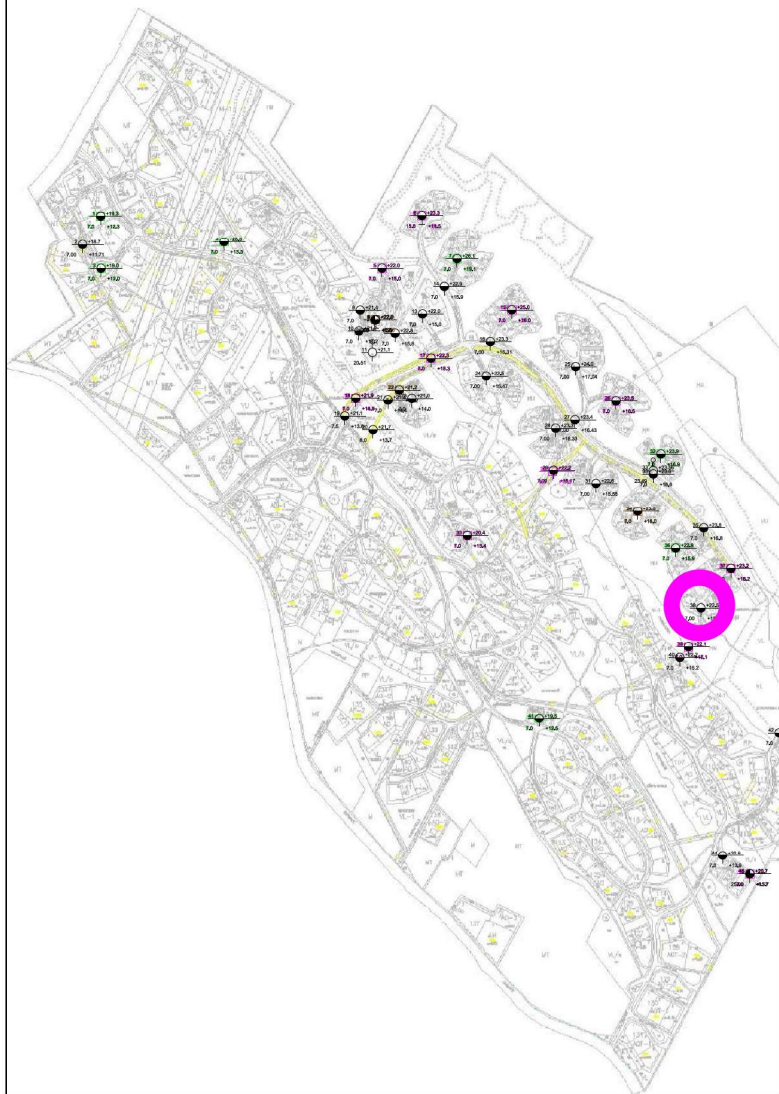
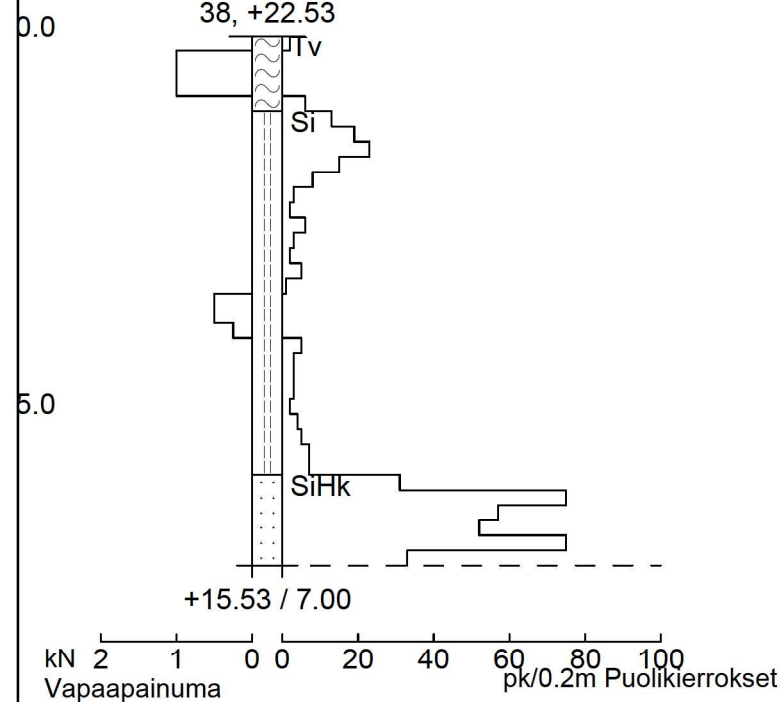
Mittakaava

1:100

Päivä

28.10.2020

Painokairaus



Kohde

Murto Pitkäkorva

Numero

38

Kairaustapa

Painokairaus

X

7193265.945

Maanpinta

22.526

Työ

13122020

Mittakaava

1:100

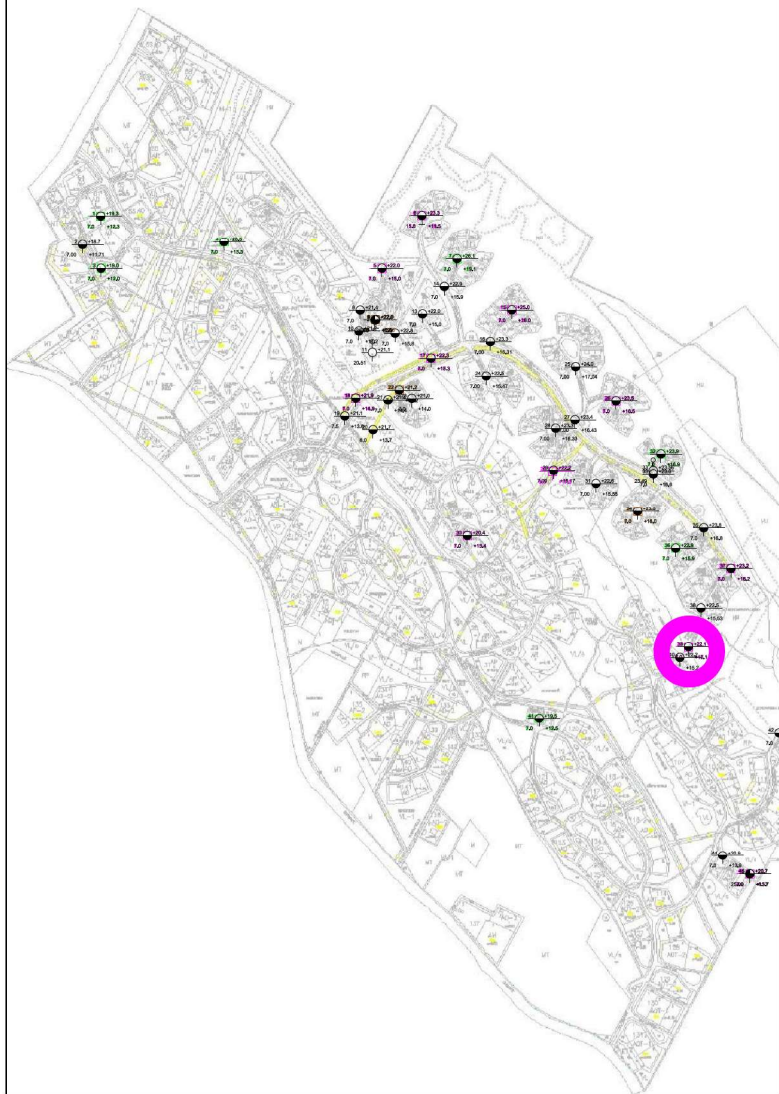
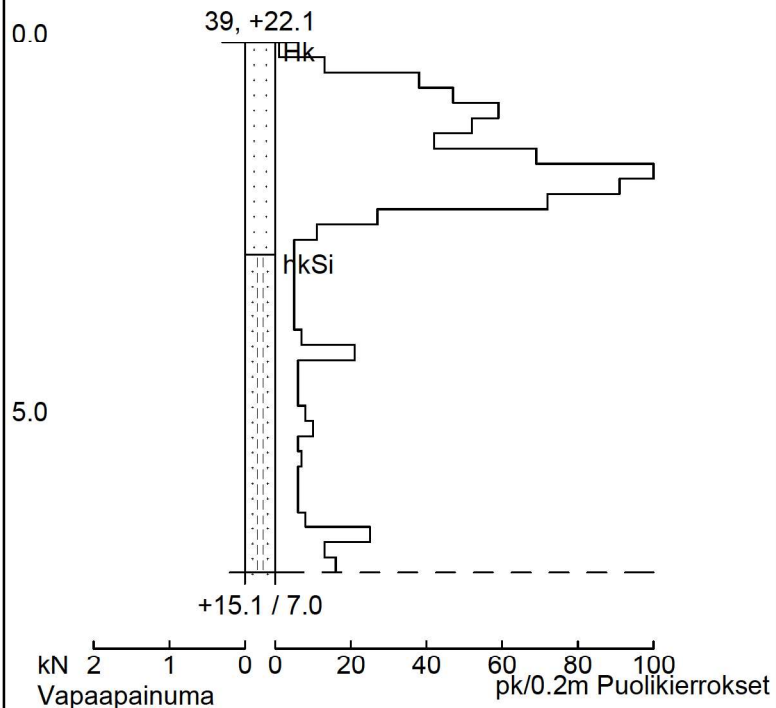
Y

26485299.005

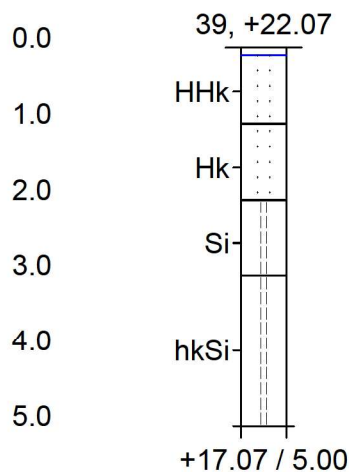
Päivä

14.12.2020

Painokairaus



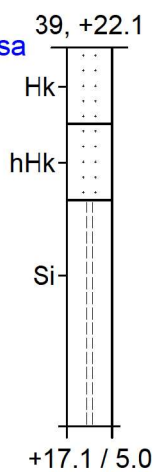
Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5,844
pH 1 6,726
pH 1 5,826
pH 1 5,736/
sulfaattimaa?
pH 1 6,254

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 24,39 %
Varmistettu laboratoriossa/
W 23,7 %
Varmistettu laboratoriossa/
W 18,7 %

Kohde

Murto Pitkäkorvan polku

Numero

39

Kairaustapa

Koekuoppa

X

7193173.847

Maanpinta

22.065

Työ

Mittakaava

1:100

Y

26485269.495

Päivä

29.10.2020

Painokairaus

0.0

40, +22.2

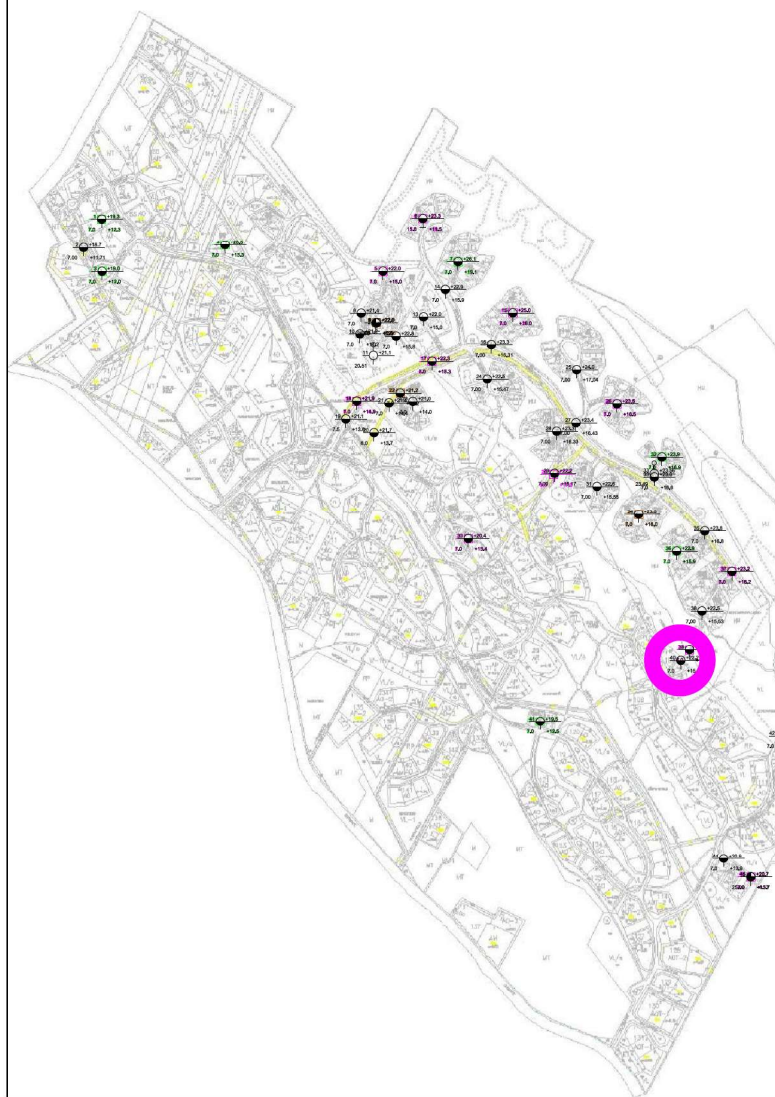
Si

5.0

Si

+15.17 / 7.00

kN 2 1 0 0 20 40 60 80 100
Vapaapainuma pk/0.2m Puolikierrokset



Kohde

Murto Pitkäkorvan polku

Numero

40

Kairaustapa

Painokairaus

X

7193148.682

Maanpinta

22.171

Työ

29102020

Mittakaava

1:100

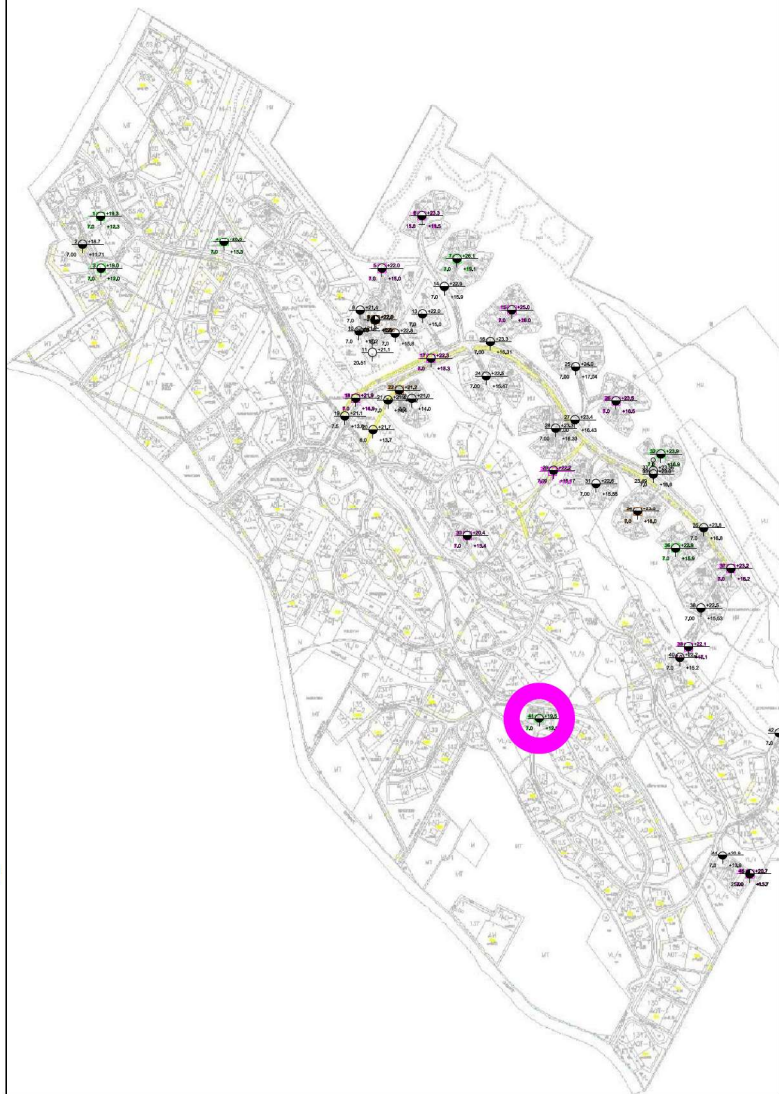
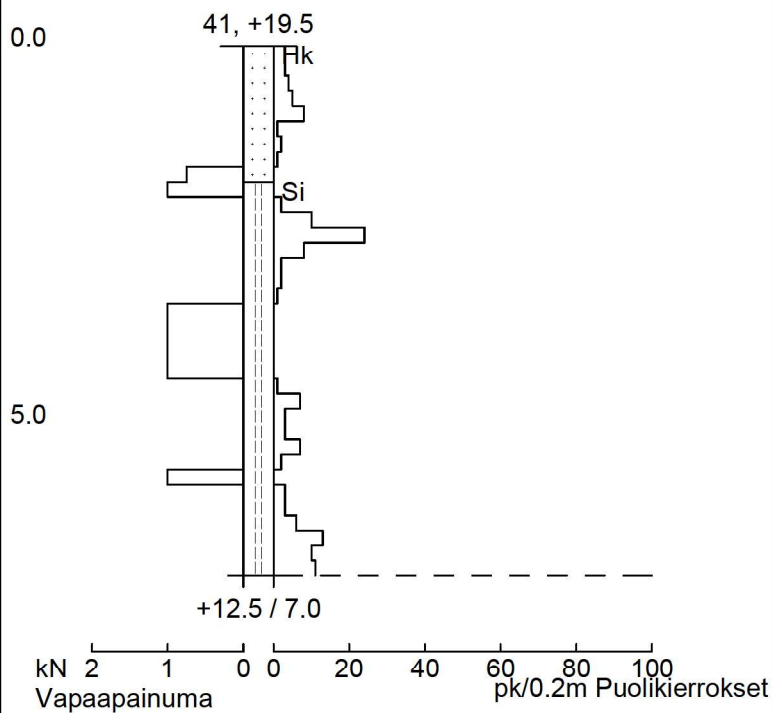
Y

26485248.837

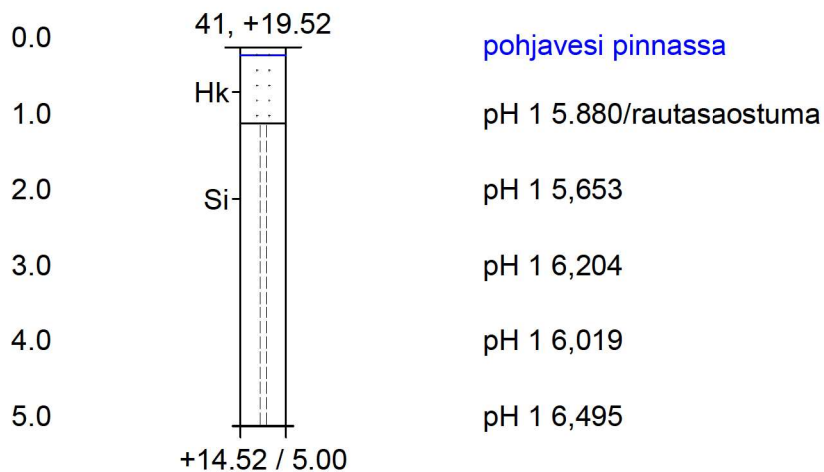
Päivä

29.10.2020

Painokairaus



Sulfaattimaa koekuoppa



Kohde

Murto Kauttaranta

Numero

41

Kairaustapa

Koekuoppa

X

7193004.475

Maanpinta

19.515

Työ

Mittakaava

1:100

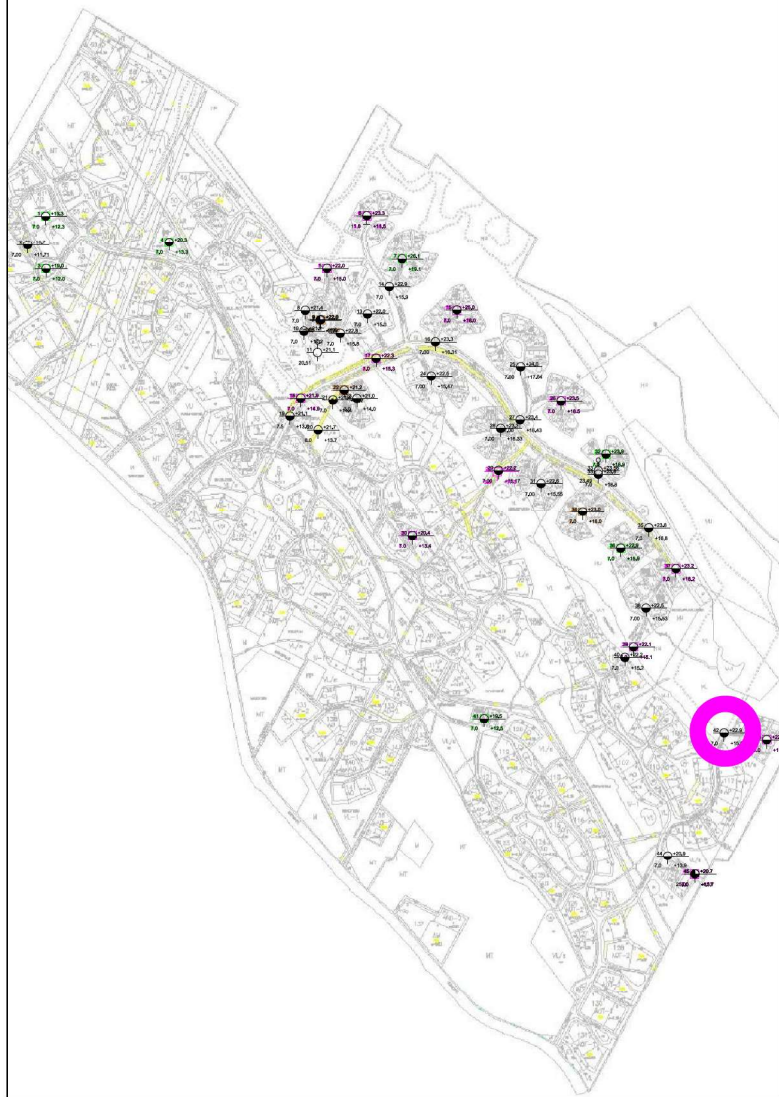
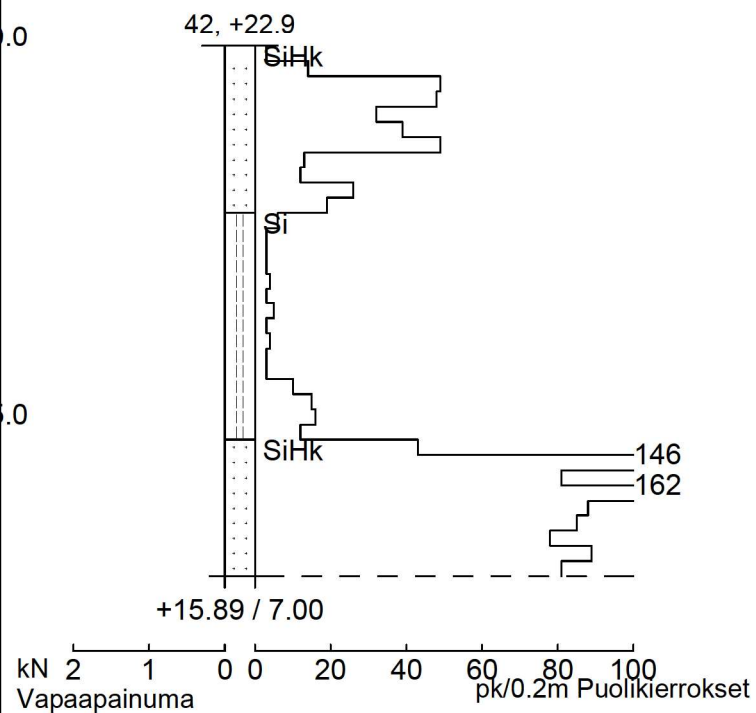
Y

26484914.413

Päivä

29.10.2020

Painokairaus



Kohde

Murto Peuransarvi

Numero

42

Kairaustapa

Painokairaus

X

7192969.021

Maanpinta

22.892

Työ

29102020

Mittakaava

1:100

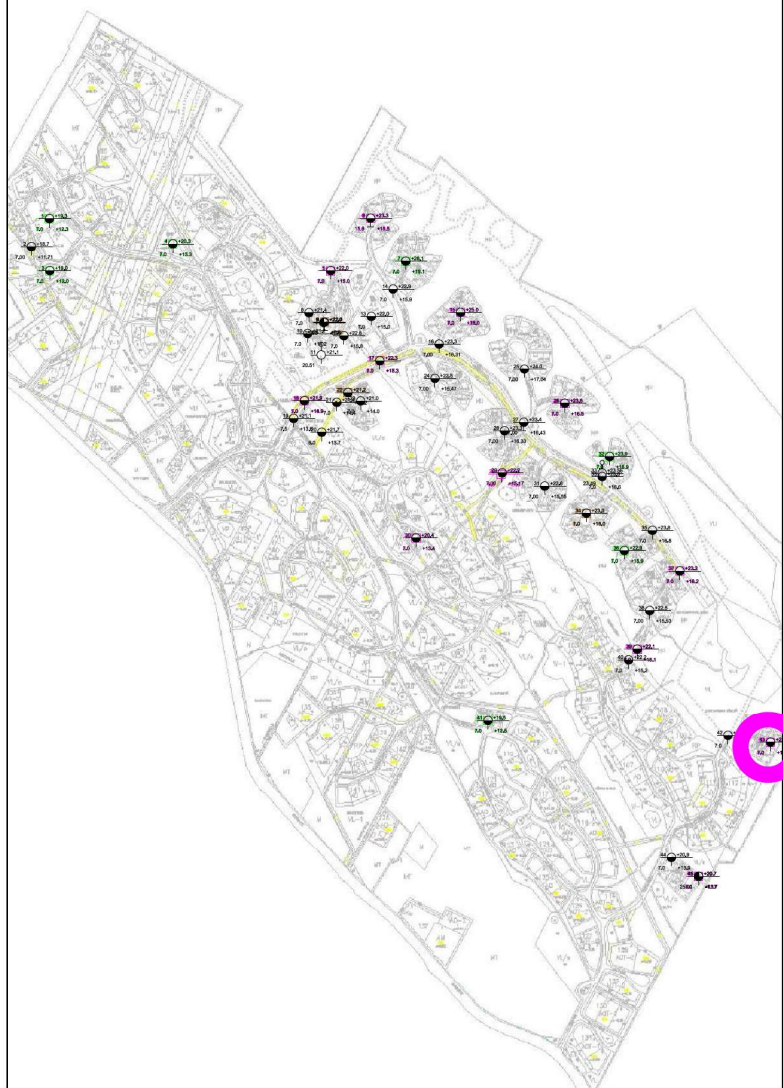
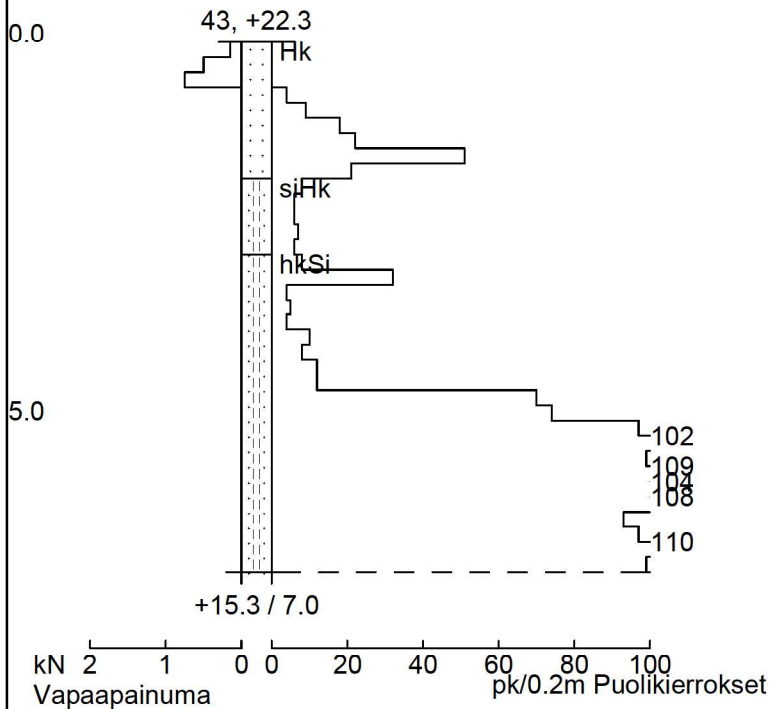
Y

26485484.953

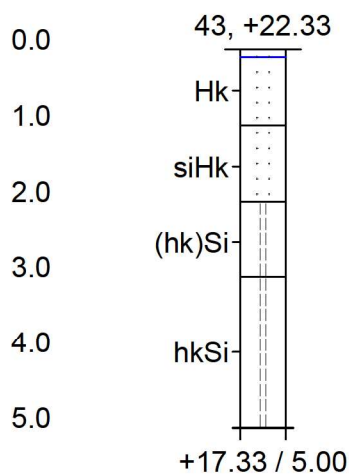
Päivä

29.10.2020

Painokairaus



Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5.029

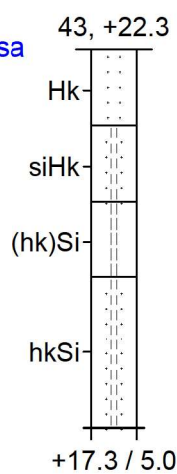
pH 1 5.568

pH 1 6.344

pH 1 6.311

pH 1 6.171

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 29,25 %

0.0
1.0
2.0
3.0
4.0
5.0

Kohde

Murto Peuransarvi

Numero

43

X

7192952.800

Maanpinta

22.327

Y

26485586.318

Kairaustapa

Koekuoppa

Työ

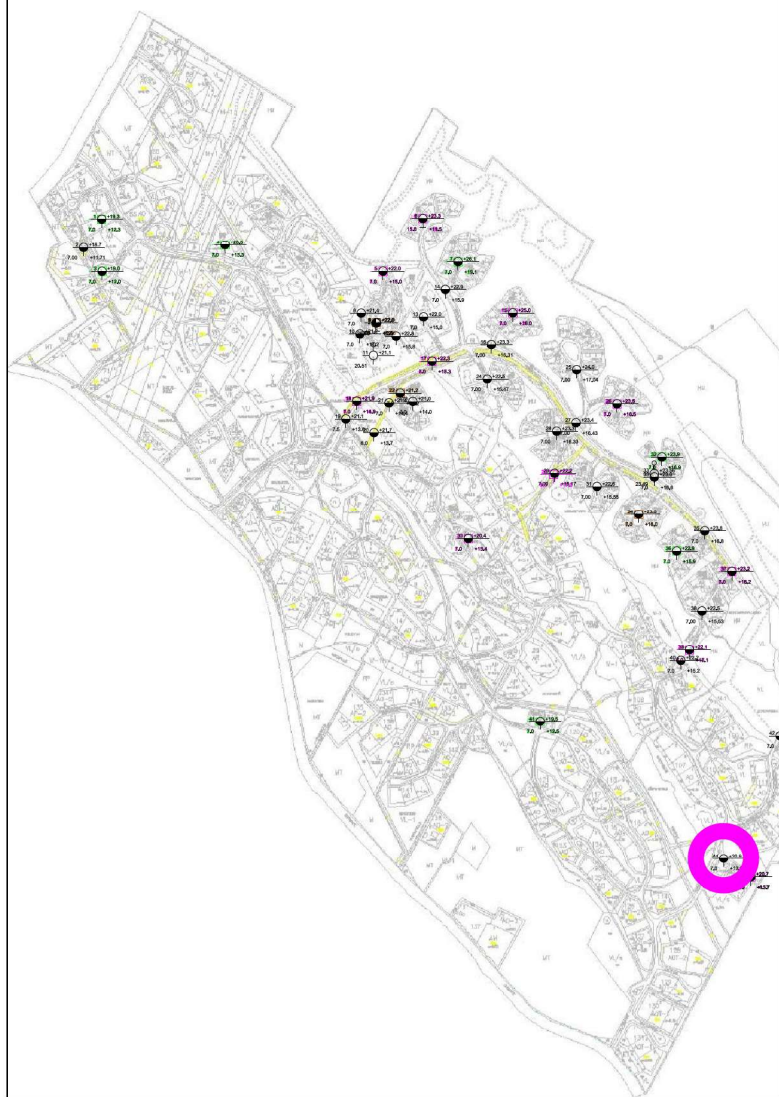
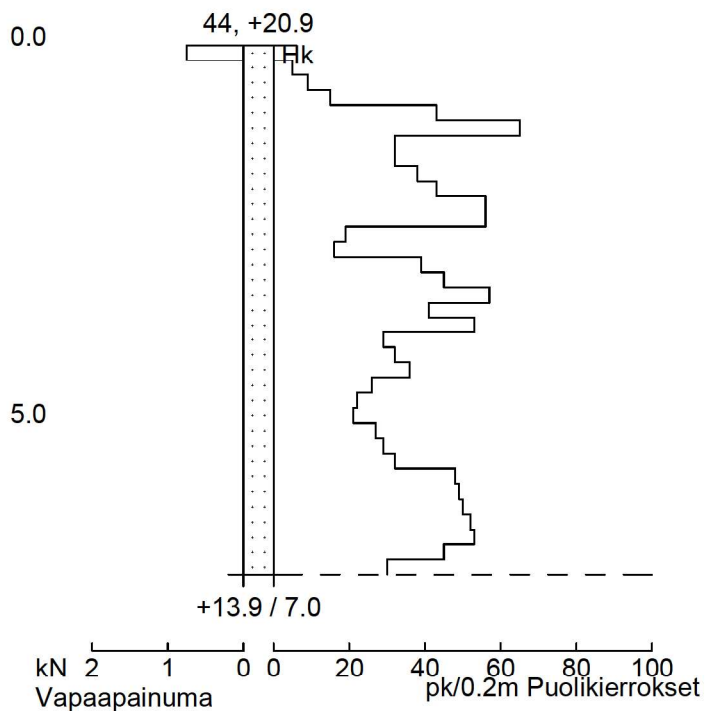
Mittakaava

1:100

Päivä

29.10.2020

Painokairaus



Kohde
Murto Läpimurto

Numero
44

X
7192676.938

Y
26485350.626

Maanpinta
20.898

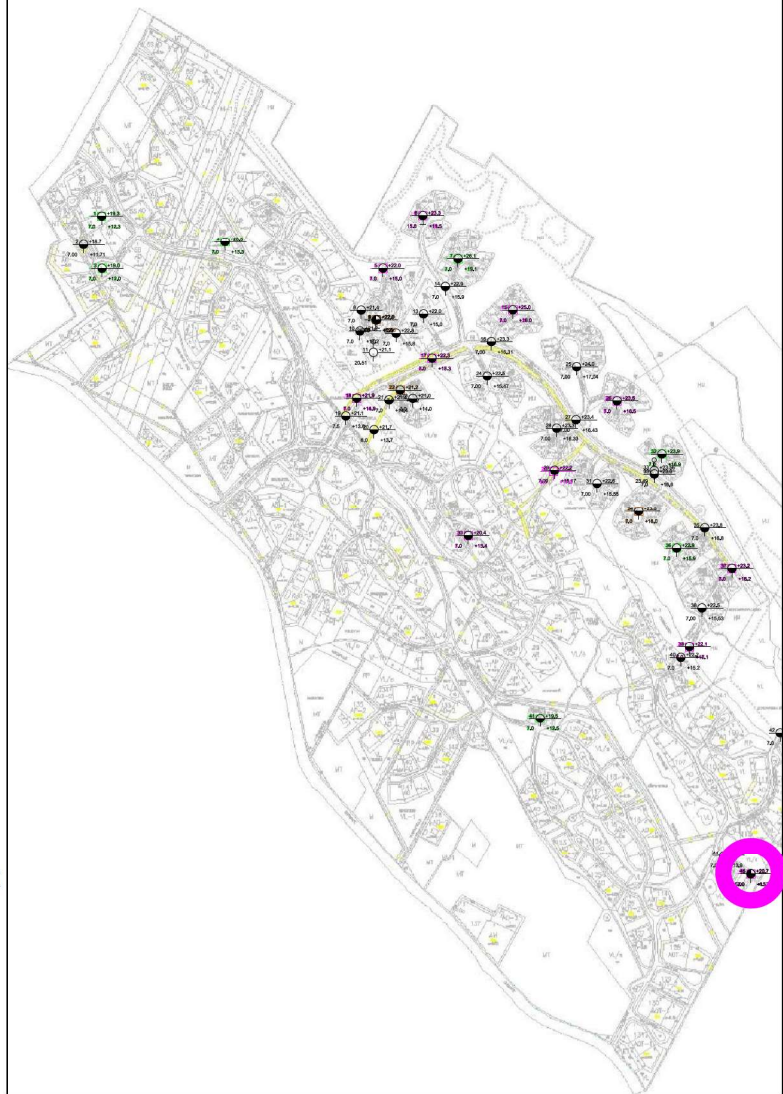
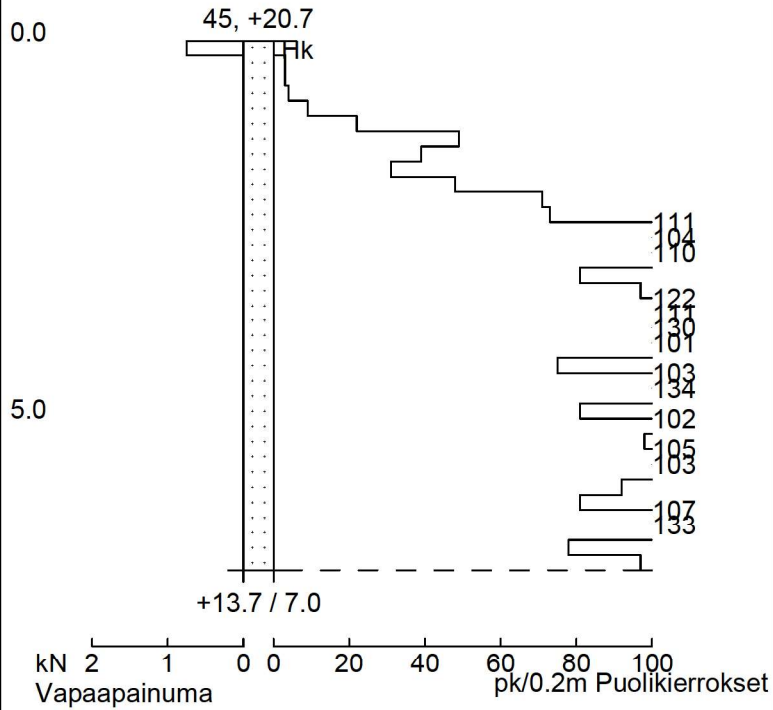
Kairaustapa
Painokairaus

Työ
20112020

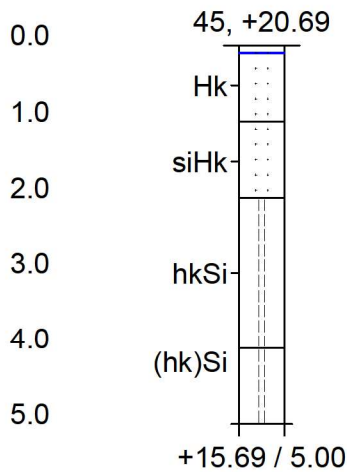
Päivä
20.11.2020

Mittakaava
1:100

Painokairaus



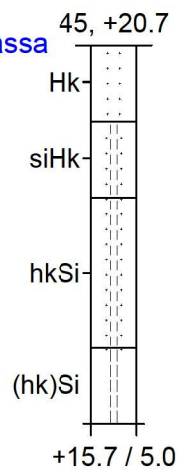
Sulfaattimaa koekuoppa



pohjavesi pinnassa

pH 1 5,514
pH 1 5,682
pH 1 6,155
pH 1 6,049
pH 1 6,353

Maalaji koekuoppa



Varmistettu laboratoriossa/
W 22,11 %

0.0
1.0
2.0
3.0
4.0
5.0

Kohde

Murto Läpimurto

Numero

45/a

X

7192632.233

Maanpinta

20.687

Y

26485415.274

Kairaustapa

Koekuoppa

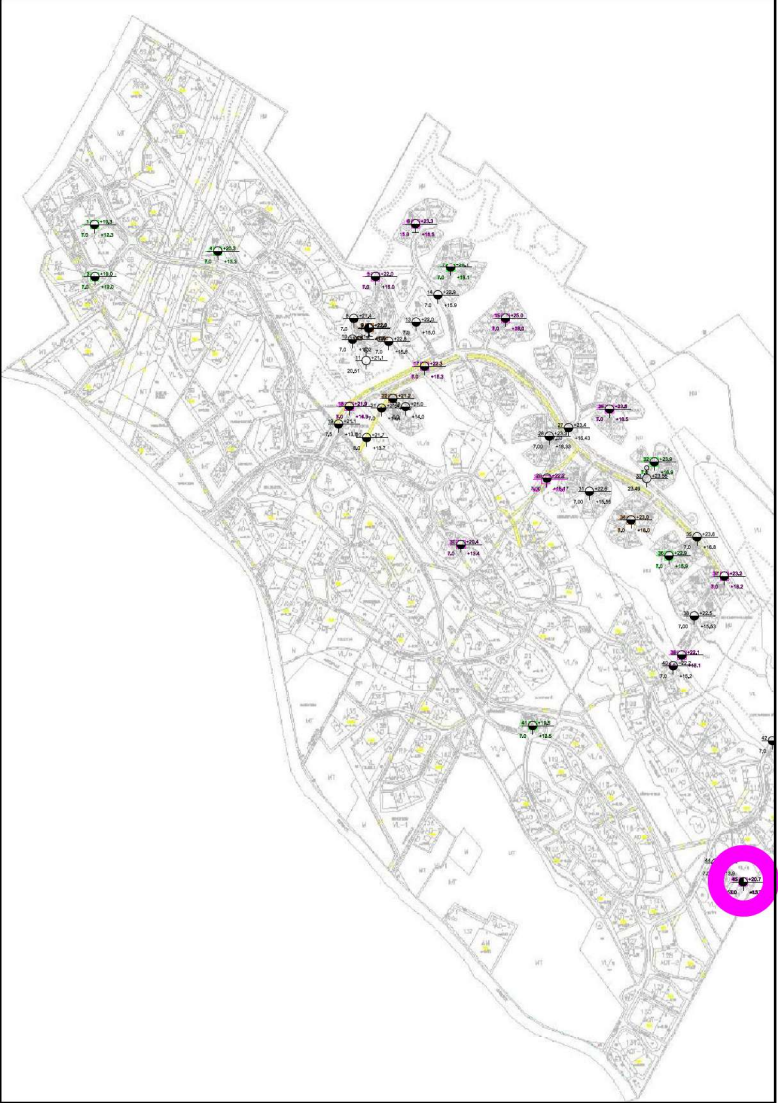
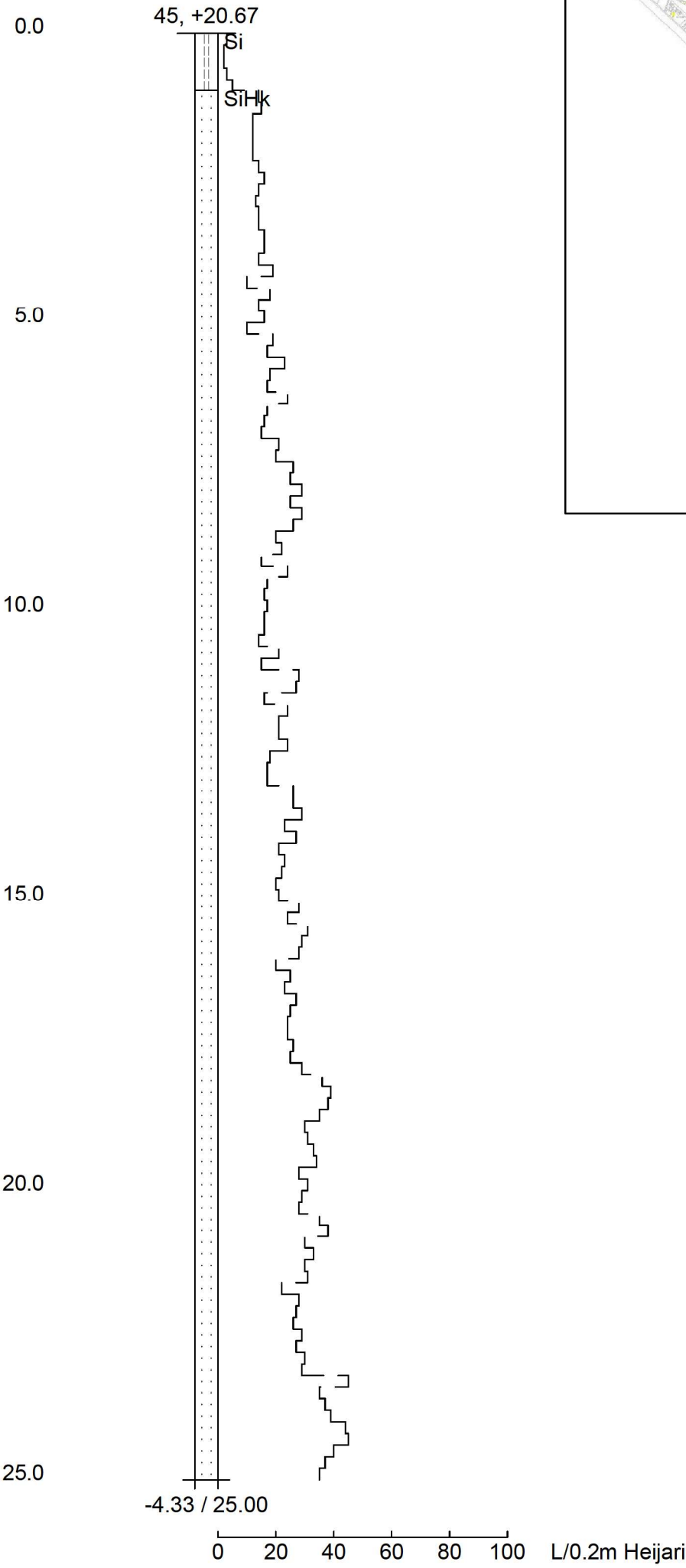
Päivä

29.10.2020

Mittakaava

1:100

Heijarikairaus



Kohde Murto Läpimurto			
Numero 45/b		Kairaustapa Heijarikairaus	
X 7192633.371	Maanpinta 20.672	Työ 19122020	Mittakaava 1:100
Y 26485413.629		Päivä 20.12.2020	