

Jens K. Poulsen

Fra: Karsten Raulund-Rasmussen <krr@ign.ku.dk>
Sendt: 14. april 2015 11:00
Til: Jens K. Poulsen
Emne: RE: Mail – Suserup Skov impact.pdf

Kære Kristian

Forstyrrelsen har bestået i at vi har gravet meget små huller på hver side af den døde træstamme og under stammen, men ind fra siden, således at stammen ikke er forstyrret. Der er gravet til 40 cm dybde og en lille jordprøve er udtaget fra forskellige lag. Den opgravede jord blev placeret på en presenning og lagt tilbage efter prøvetagning.

Håber dette kan bruges eller forsøger jeg at være mere specifik

Venlig hilsen

Karsten

From: Jens K. Poulsen [<mailto:jkp@stiftsor.dk>]
Sent: 14. april 2015 09:54
To: Karsten Raulund-Rasmussen
Subject: SV: Mail – Suserup Skov impact.pdf

Kære Karsten

Tak for dette. Du har sikkert skrevet det før, men kunne du ikke skrive tre ord om, hvori "forstyrrelsen" har bestået. Blot som svar på denne mail, så kan jeg vedlægge den rapporten.

Mvh
Jens Kr

Fra: Karsten Raulund-Rasmussen [<mailto:krr@ign.ku.dk>]
Sendt: 13. april 2015 12:26
Til: Jens K. Poulsen
Emne: Mail – Suserup Skov impact.pdf

Kære Jens Kristian

Så fik vi lavet en lille rapport til jer om samlingen af jord i Suserup. Håber den er tilfredsstillende ellers må du sige til. Det afgørende er gps-koordinaterne, som er bestemt med det bedste udstyr, der er tilgængeligt.

Tak for hjælpen

Venlig hilsen

Karsten

Karsten Raulund-Rasmussen
Professor (Ecosystem Services and Functions)
Study Director (Nature Management)
Research group coordinator

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Suserup Skov

Soil Sampling - Indication of Impact

This presentation gives information about the disturbance I have made in Suserup during my research in January 2015.

Total number of 10 individual logs (decaying trees) were carefully chosen and soil samples were taken from beneath.

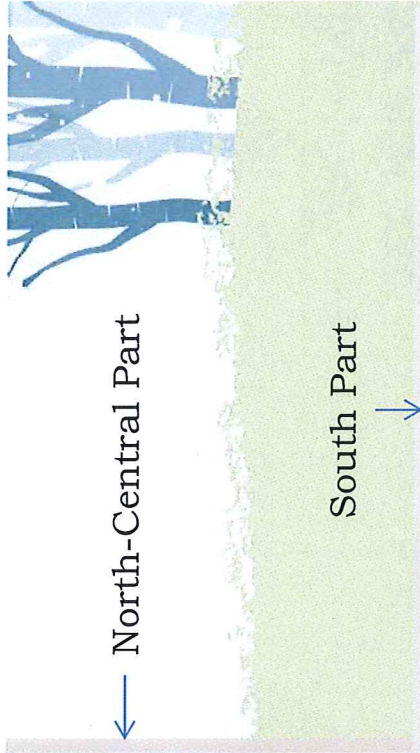
Maps, GPS Coordinates and Photographs indicate the locations and impact in the forest.



Map of Suserup Skov and my research sites

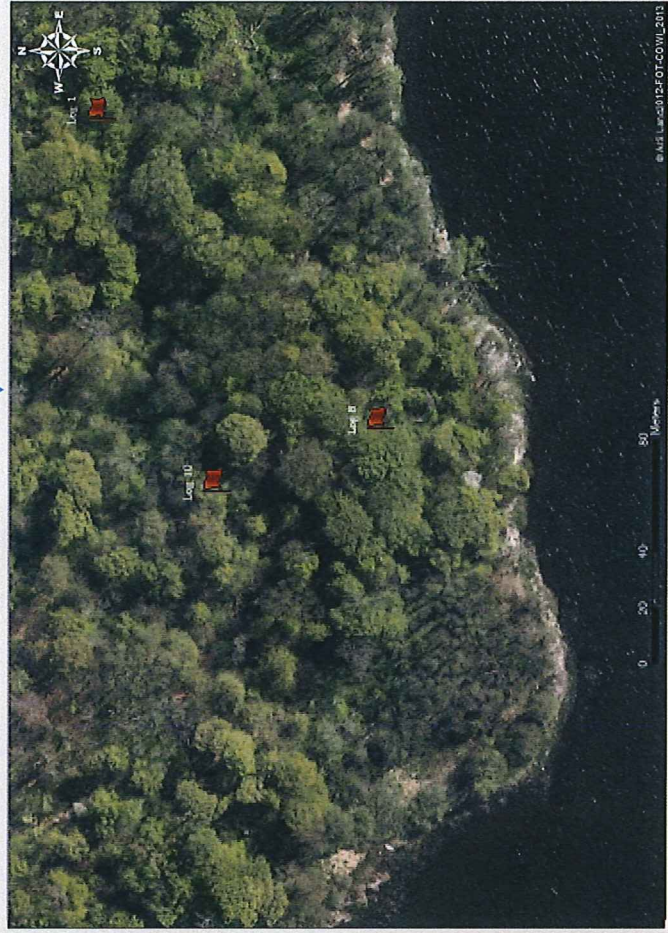
Each flag represents the exact locality of the disturbance. Logs are numbered from 1 – 10



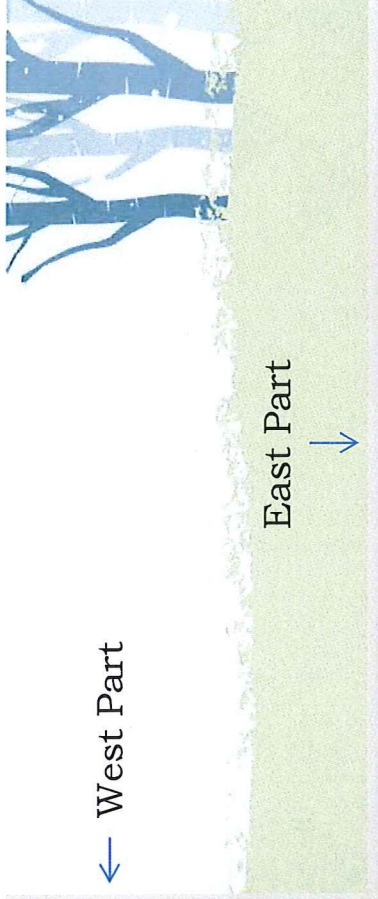
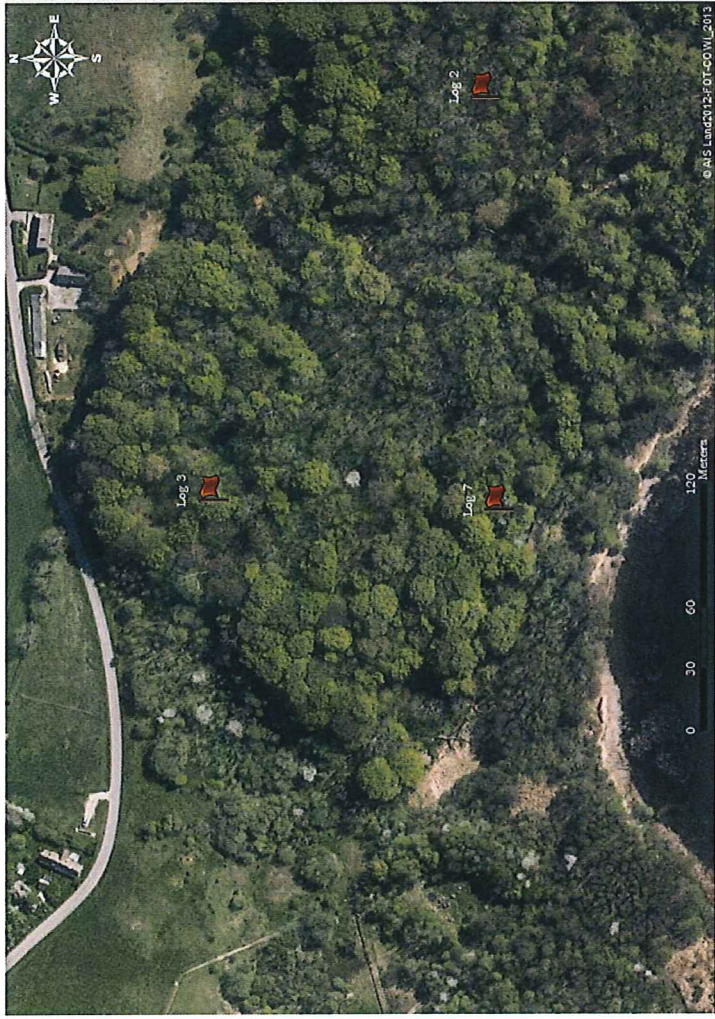


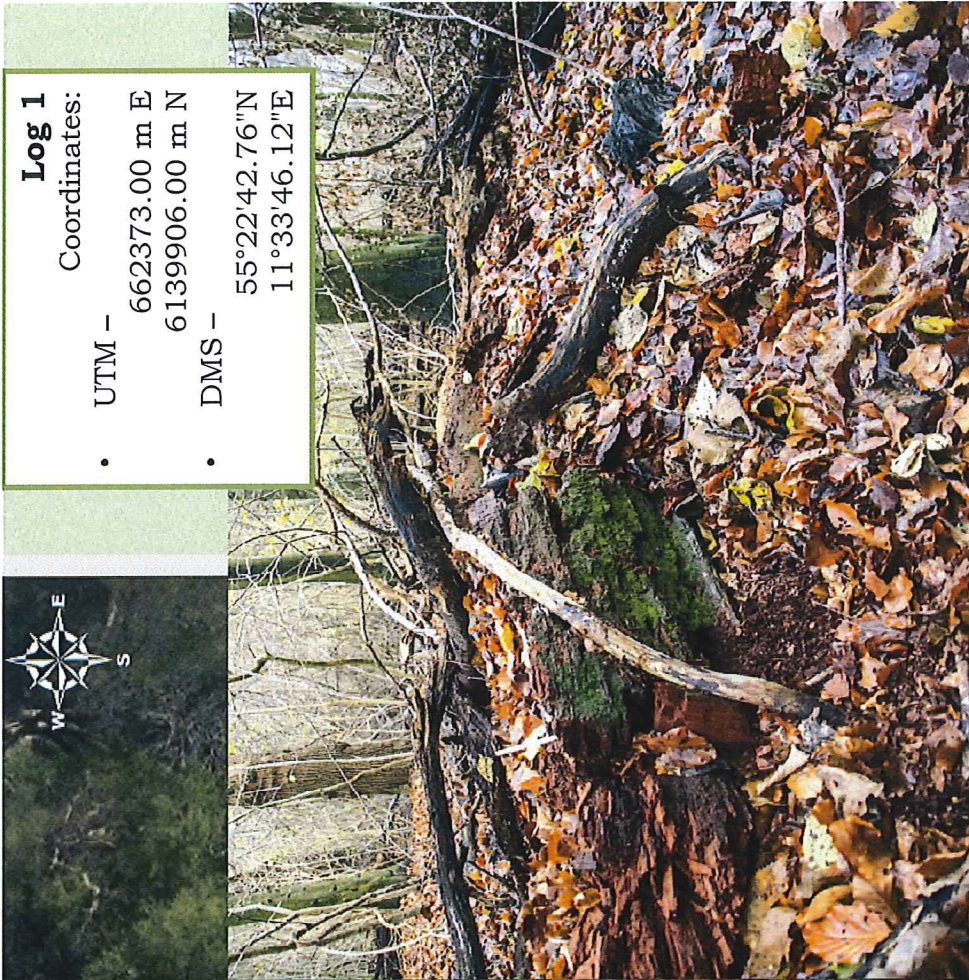
← North-Central Part

South Part →



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Log 1

Coordinates:

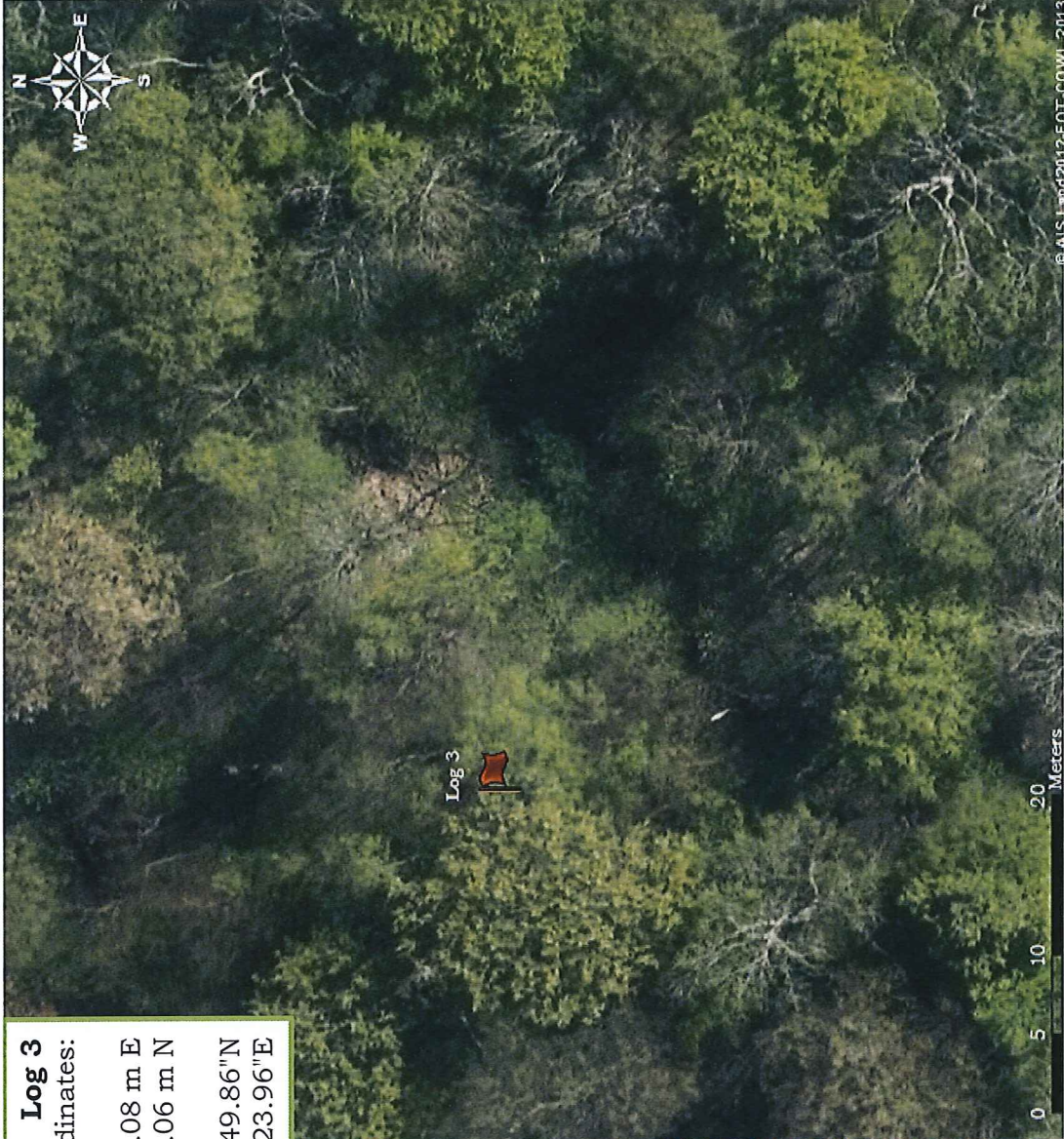
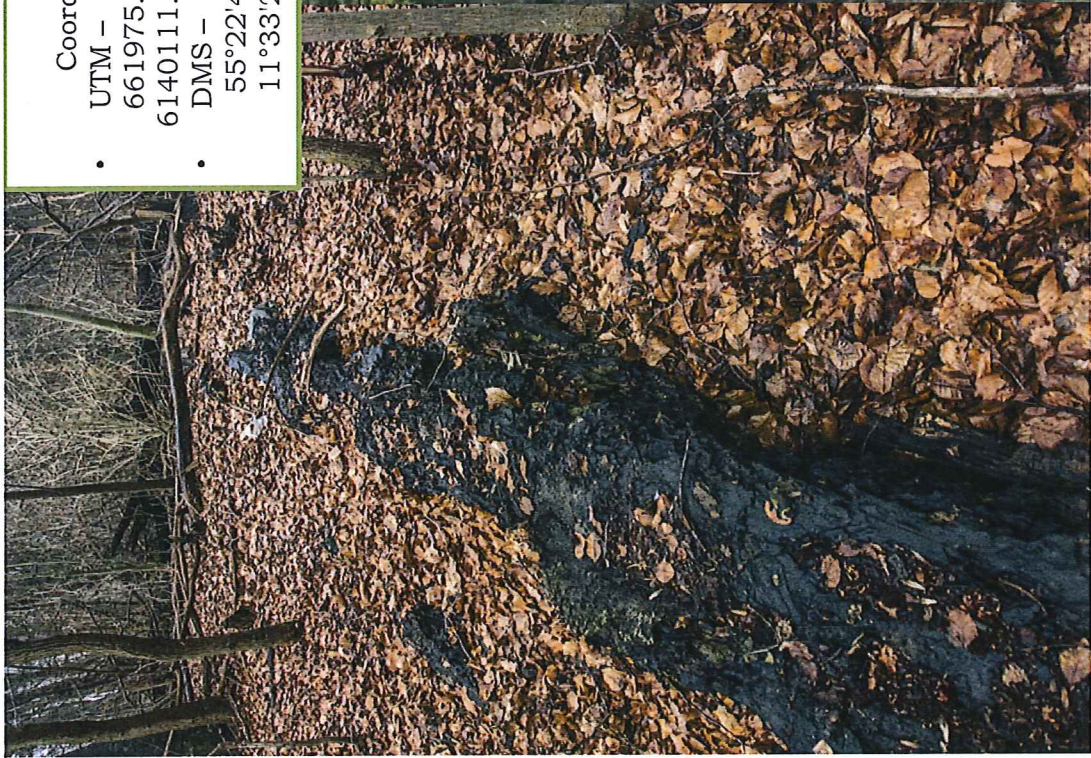
- UTM –
662373.00 m E
6139906.00 m N
- DMS –
55°22'42.76"N
11°33'46.12"E



Log 2
 Coordinates:
 • UTM –
 662170.00 m E
 6139979.91 m N
 • DMS –
 55°22'45.39"N
 11°33'34.75"E



© AIS Land2012-F 0T-G0.WI_2013



Log 3
Coordinates:
• UTM -
661975.08 m E
6140111.06 m N
• DMS -
55°22'49.86"N
11°33'23.96"E



Log 4

Coordinates:

- UTM -
662306.06 m E
6139974.08 m N
- DMS -
55°22'45.04"N
11°33'42.46"E

Log 5

Coordinates:

- UTM -
662320.92 m E
6139977.11 m N
- DMS -
55°22'45.12"N
11°33'43.31"E

Log 6

Coordinates:

- UTM -
6139967.91 m E
6139967.91 m N
- DMS -
55°22'44.85"N
11°33'41.99"E





Log 6

Log 5

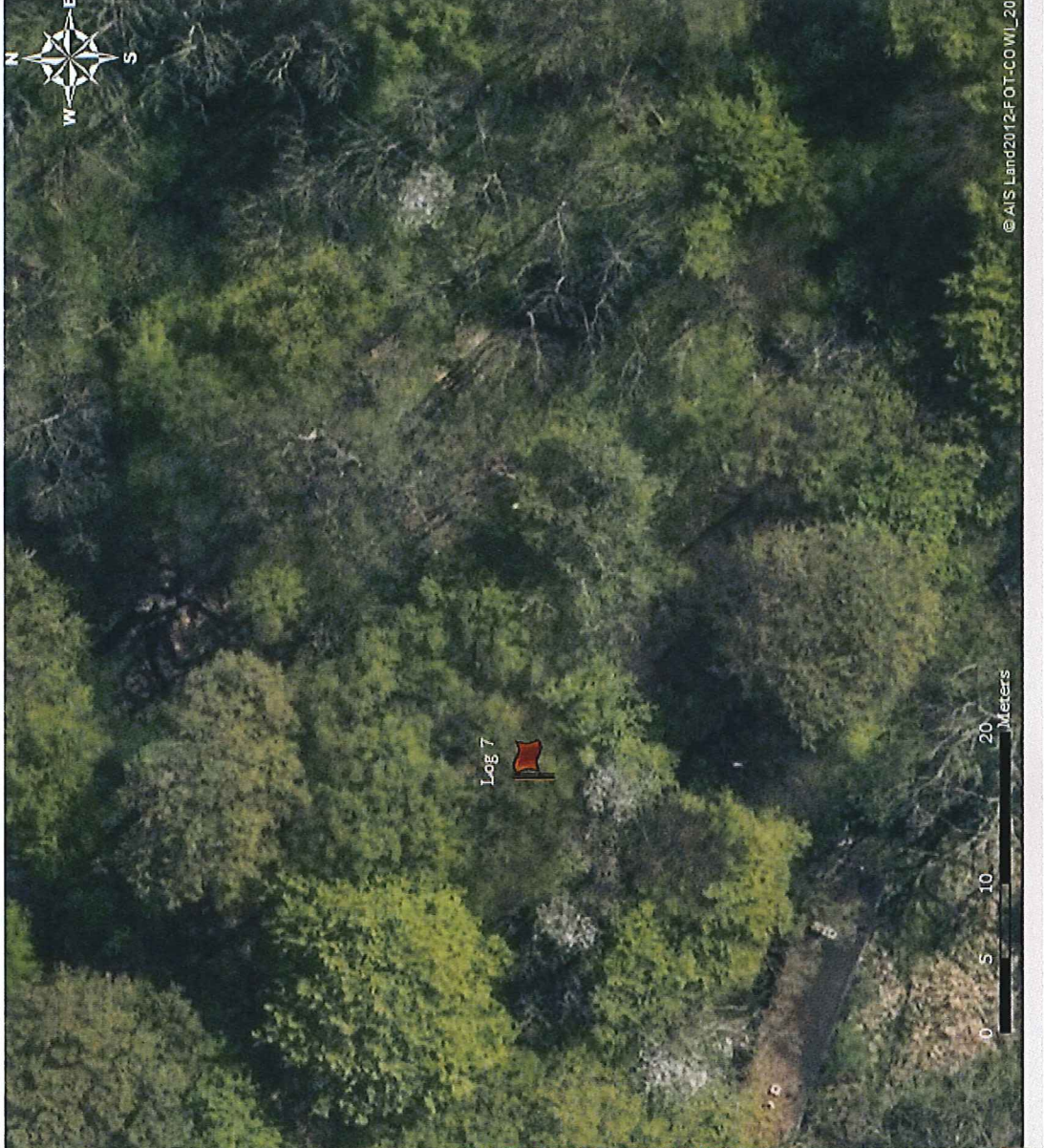
Log 4



Log 7

Coordinates:

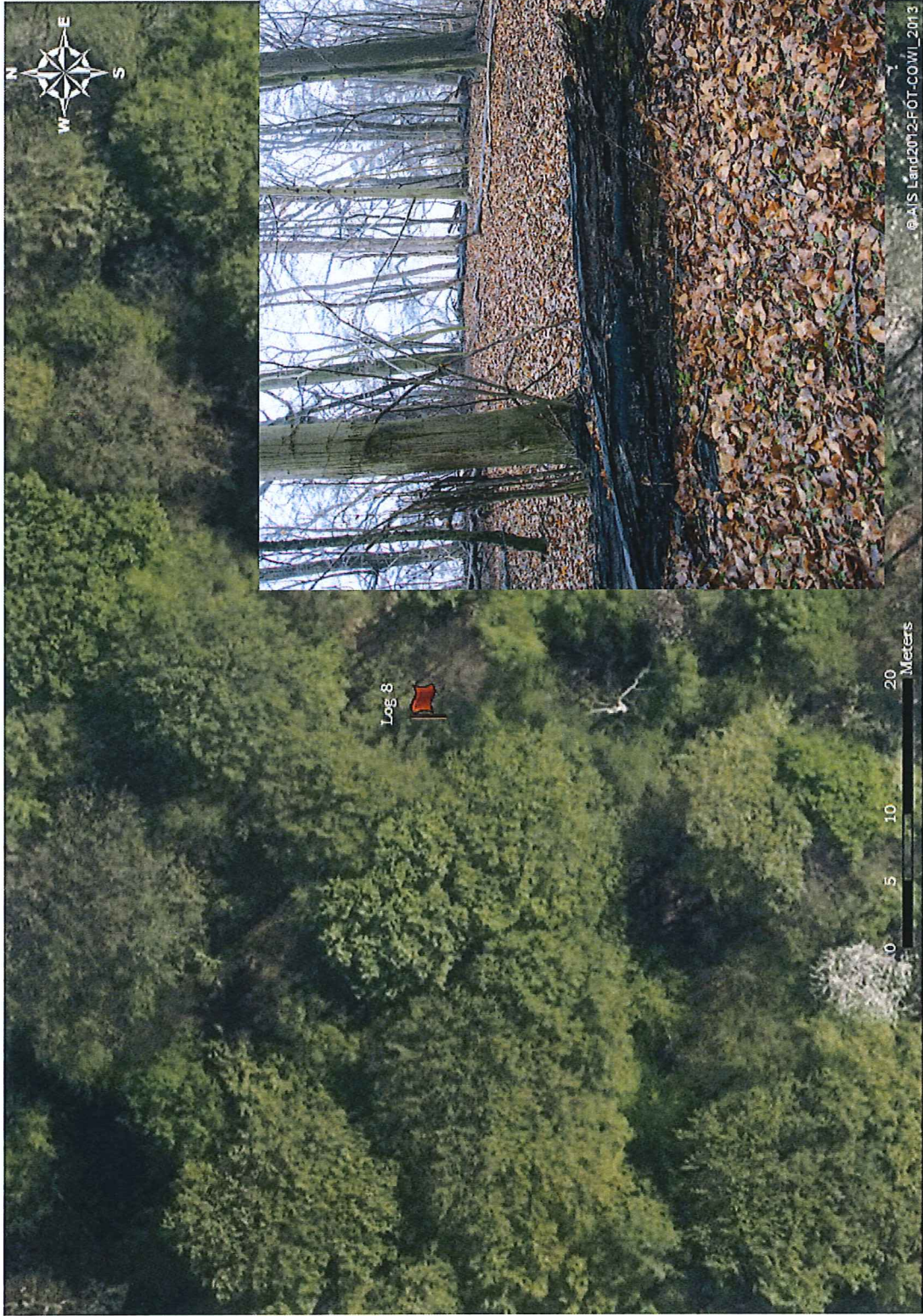
- UTM -
661969.94 m E
6139972.86 m N
- DMS -
55°22'45.40"N
11°33'23.38"E



Disturbance in Log 8 - Example

Soils were sampled down to 40 cm below the trunk and about 40 cm from the trunk on both sides.





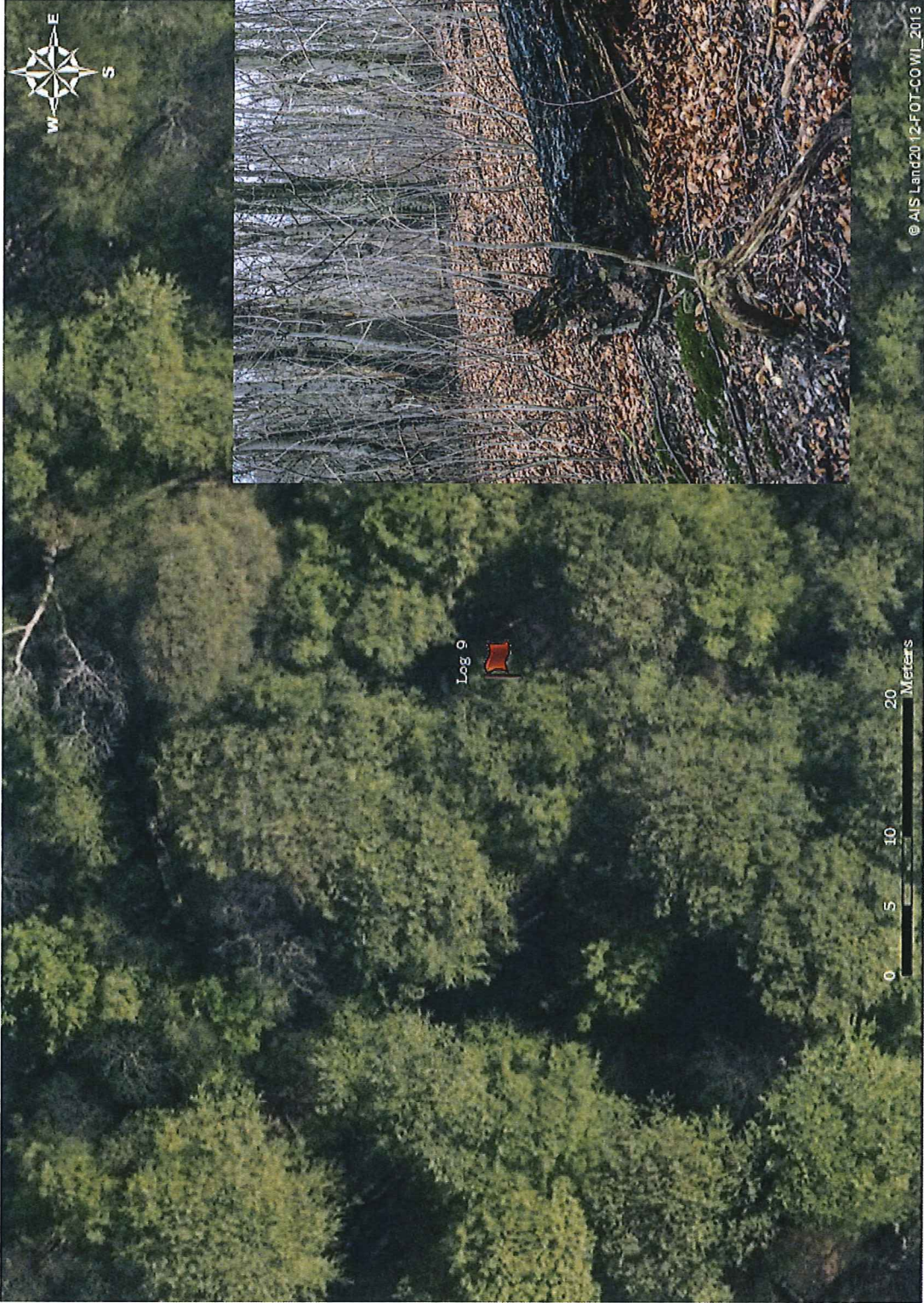
Log 8

Coordinates:

- UTM –
662263.02 m E
6139807.88 m N
- DMS –
55°22'39.72"N 11°33'
39.67"E



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Log 9

Coordinates:

- UTM –
662532.02 m E
6139809.12 m N
- DMS –
55°22'39.44"N
11°33'54.94"E

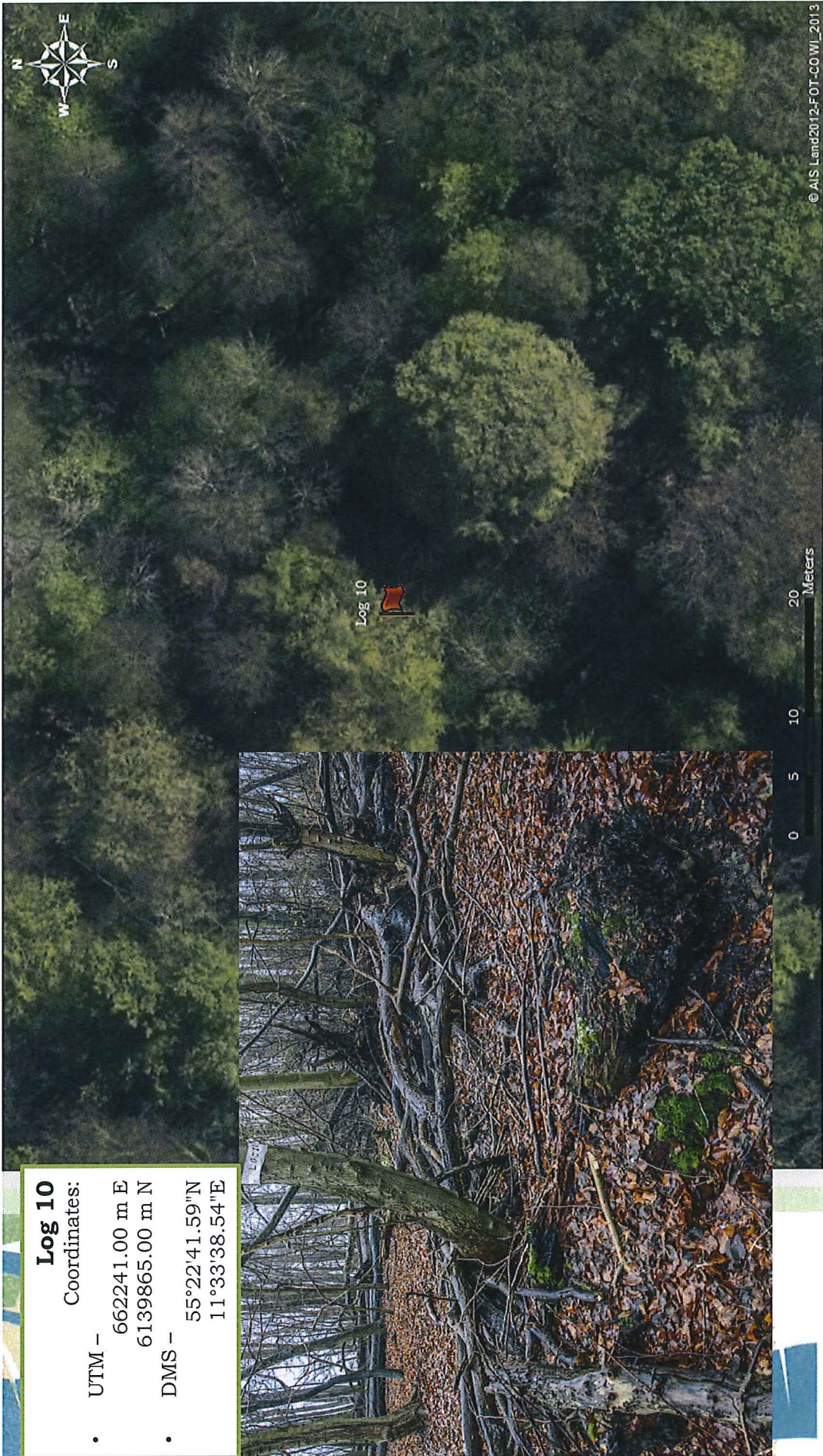
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0 5 10 20
Meters

Log 10

Coordinates:

- UTM – 662241.00 m E
6139865.00 m N
- DMS – 55°22'41.59"N
11°33'38.54"E



Quality Assessment

Maps

All maps were produced in ArcMap 10.2 (GIS); ESRI Software
*copyright is noted on the bottom of each of them

GPS Coordinates:

Taken with Nomad; Trimble and separate antenna.
Coordinates were taken within the range of minimum 7 satellites

Photos:

Camera – Nikon D7000; Lens – Nikkor AF-S 18-105mm; VR

