



KNK 4201. Excavations at the cemetery at Garðar, Igaliku, 2021.

MAY 2 2022

WP 3.1. Human experiences: health, well-being and trade-offs

Authored by: Dorthe Dangvard Pedersen, National Museum of Denmark and Department of Forensic Medicine, University of Copenhagen; Jette Arneborg, National Museum of Denmark, Frederikke Reimer, National Museum of Denmark and Rikke Dahl Olsen, National Museum of Denmark.



Activating Arctic Heritage



Sponsored by the Carlsberg Foundation

Table of Contents

| | |
|---|----|
| 1. Introduction..... | 3 |
| 2. Participants..... | 4 |
| 3. Field Diary | 5 |
| 4. Background | 6 |
| 4.1. Environmental context | 7 |
| 4.2. Archaeological context | 8 |
| 4.3. Historic context..... | 9 |
| 4.4. The 2019 Investigation | 10 |
| 5. 2021 Investigations..... | 10 |
| 5.1. Methods | 11 |
| 5.2. Measuring system | 12 |
| 5.3. Features | 14 |
| 5.4. Stratigraphic relations and dating | 23 |
| 5.5. Anthropological data..... | 24 |
| 6. Summary | 24 |
| Works Cited..... | 25 |
| Appendices..... | 26 |
| Appendix A: Artefacts..... | 26 |
| Appendix B: Features..... | 31 |
| Appendix C: Plans..... | 33 |
| Appendix D: Photo log | 34 |
| Appendix E: Samples..... | 44 |
| Appendix F: Skeletal data, primary individuals in graves..... | 45 |
| Appendix G: Skeletal data, secondary individuals | 46 |
| Appendix H: Grave recording sheets..... | 47 |

1. Introduction

In July and August 2021, an archaeological excavation was conducted at the northeastern corner of the cemetery surrounding the Norse cathedral at Garðar, present village of Igaliku in South Greenland. These investigations were performed in continuity of an excavation initiated in 2019 (Arneborg et al. 2020). The 2019 excavation was a collaboration between Greenland National Museum's Arctic Vikings Field School, National Museum of Denmark and Department of Forensic Medicine, University of Copenhagen, and involved 13 students participating in the field school as well as researchers from Greenland National Museum and Archives (NKA), University of Bergen, Université Paris 1 Panthéon-Sorbonne, University of Iceland and the National Museum of Denmark. Senior researcher Jette Arneborg, National Museum of Denmark, directed the cemetery excavation.

The archaeological investigations in 2019 and 2021 contribute to the project '*Human Experiences in Norse Greenland: Health, Well-being and Trade-offs*', headed by senior researcher Jette Arneborg, National Museum of Denmark and Professor Niels Lynnerup, Department of Forensic Medicine, University of Copenhagen. This project is a work package part of the Carlsberg Foundation funded project *Activating Arctic Heritage* (PIs Bjarne Grønnow and Christian Koch Madsen). In the work package complex relations of the Norse in Greenland and their shifting lifeways under changing environmental, social and economic frameworks are studied. The Norse introduced solutions and trade-offs to maintain social sustainability and certain levels of well-being in the harsh environment and during times of changes. Consequences of such are in the work package investigated through archaeological and biological-anthropological data from cemeteries dated throughout the Norse settlement period in Greenland c. 1000 to mid-1400s AD.

Garðar (E47) was an important Norse location. This seat of the Norse Greenland bishop was a comprehensive building complex with dwelling house, byres and barns as well as the cathedral and cemetery that were larger than those found in any of the other sites in the Norse settlement areas. All indicating a place far from an ordinary parish site. Archaeological investigations of the site were conducted since the 1830s. The most comprehensive investigations took place in 1926 directed by Poul Nørlund.

Considering the nature of Garðar it is of great interest to have more of the cemetery investigated to get more detailed and valuable insights into among others cemetery topography and more precise dating of its use. Furthermore, recovering more skeletons will enable more insights into the health and demographic structure of the population of the area through biological anthropological analysis. Such insights will contribute data to the more extensive archaeological and biological-anthropological studies of the Norse population as part of the Activating Arctic Heritage workpackage.

Therefore, after a year of lockdown and covid-19 restrictions an excavation was conducted in the summer of 2021. The purpose was to continue the excavations at the cemetery initiated in 2019, excavate the same area and ideally empty the trench to subsoil. This report presents the results of the 2021 archaeological excavation of the Norse cemetery in Igaliku, the bishop see in Garðar that took place between 28. July and 10. August 2021.

2. Participants



Figure 1. The 2021 Igaliku excavation team. From left Birte Olsen, Frederikke Reimer, Avaaraq Bendtsen Ottosen, Dorthe Dangvard Pedersen and Rikke Dahl Olsen.

Excavation team:

| Name | Affiliation |
|--------------------------|--|
| Avaaraq Bendtsen Ottosen | NKA |
| Birte Olsen | NKA |
| Dorthe Dangvard Pedersen | National Museum of Denmark and Department of Forensic Medicine, University of Copenhagen |
| Frederikke Reimer | National Museum of Denmark |
| Rikke Dahl Olsen | National Museum of Denmark |

Additional persons:

| Name | Affiliation | Period | Task |
|------------------------------|----------------------------|---------------------|--|
| Berit Christensen | Topas hiking tourist | 30 July | Volunteer excavator |
| Helle Sehested | Topas hiking tourist | 30 July | Volunteer excavator |
| Suuluaraq Motzfelt | UNESCO site guide | 10 July – 11 August | Contact to locals, dissemination |
| Anna Vebæk Gelskov | University of Copenhagen | 31 July – 5 August | Volunteer excavator |
| Anne Mette Randrup Jørgensen | National Museum of Denmark | 4 – 11 August | Observation, dissemination |
| Peter Steen Henriksen | National Museum of Denmark | 4 – 9 August | Soil drill and soil sampling |
| Cathrine Jessen | National Museum of Denmark | 4 - 9 August | Excavator, soil sampling |
| Hans H. Harmsen | NKA | 7 August | Excavator |
| David Heilmann Ottosen | NKA | 7 August | Drone recordings |
| Christian Koch Madsen | NKA | 7 – 9 August | dGPS recordings |
| Jørgen Hollesen | National Museum of Denmark | 7 – 10 August | Drone recordings, temperature monitoring equipment |
| Gorka Mendigure Gonzalez | National Museum of Denmark | 7 – 10 August | Drone recordings |

3. Field Diary

Anna Vebæk Gelskov (AVG), Anne Mette Randrup Jørgensen (AMRJ), Avaaraq Bendtsen Ottosen (ABO), Birte Olsen (BO), Berit Christensen (BC), Catherine Jessen (CJ), Christian Koch Madsen (CKM), David Heilmann Ottosen (DHO), Dorthe Dangvard Pedersen (DDP), Frederikke Reimer (FR), Gorka Mendigure Gonzalez (GMG), Hans H. Harmsen (HHH), Helle Sehested (HS), Jørgen Hollesen (JH), Peter Steen Henriksen (PSH), Rikke Dahl Olsen (RDO), Suuluaraq Petersen Motzfeldt (SPM),

| Date | Activities |
|-------------------------|--|
| 20-07-2021 | DDP, FR, RDO arrived in Narsarsuaq |
| 20-07-2021 – 27-02-2021 | DDP, FR, RDO quarantine in Narsarsuaq |
| 27-07-2021 | DDP, FR, RDO arrived in Igaliku. Settled in Malene and Kaava's house |
| 28-07-2021 | Excavation day 1. DDP, FR, RDO. Got ATV from Miki's barn. Picked up equipment from storage next to the store. The excavation camp was set up. Tried to locate the position of the 2019 trench. Started removing turf. Weather: Cloudy. |
| 29-07-2021 | Excavation day 2. DDP, FR, RDO. Began removing turf and soil in assumingly the 2019 trench SW corner. Located tape and plastic covers from 2019 trench. Weather: cloudy in the morning. From ca.10 o'clock sunny. |
| 30-07-2021 | Excavation day 3. DDP, FR, RDO. Help from volunteers BC and HS. Finished removing soil to the bottom of the 2019 trench. Plastic covers and tape was removed and found the uncovered skeletal remains from 2019 in bone heap E, and graves D and G. Weather: Very windy – foehn wind. |
| 31-07-2021 | Excavation day 4. AVG, DDP, FR, RDO. RDO started rinsing and removing soil around bones in bone heap E. FR started removing soil in the NW corner of the trench (section A1) and found a few loose bones. AVG started removing soil south of FR (section A2) found loose mandibula from younger adult (X106) and articulated left femur and tibia (grave J). DDP in section B3 found differing fill indicating graves – see sketch plan from scanned field diary. Found articulated bones (grave H) and long bones in grave north of grave H (grave I). Weather: Sunny and warm |
| 01-08-2021 | Day off. Weather: Strong wind – foehn wind and rainy. |
| 02-08-2021 | Excavation day 5. AVG, DDP, FR, RDO. BO and ABO arrived. RDO went on ATV to pick up Birte and Avaaraq in Itelleq at 12.30. RDO removed bones in heap E and found a well preserved skull that likely belong to skeleton in grave D. FR started excavating lower legs in grave I. Found lower legs of another individual beneath grave I (grave Z). AVG finished grave J that is cut mid femora by the western margin of excavation trench, will not lift. AVG started removing soil north of grave J in section A2. Found feet just by the edge of the western margin of excavation trench (grave K), will not lift. DDP excavated the lower body in grave H and started removing soil in the upper body region (section A3) Weather: Cloudy in morning. Sunny in afternoon after 15. |
| 03-08-2021 | Excavation day 6. ABO, AVG, BO, DDP, FR, RDO. FR and ABO continued removing soil in section A3 on top of grave I and H. Found bone heap N. BO found grave M with wooden coffin, which is partly covered by grave D and G. Therefore, BO started helping RDO. They removed bones in bone heap E and found an additional skull probably belonging to the skeleton in grave G. Took soil samples and registered grave D. AVG recorded grave K (feet in margin of western trench border) and found skull, shoulder and humeri east of feet (grave P). DDP began excavating in NW corner and found skull in northern trench boundary, likely belong to in situ skeleton (grave L), will not lift. Furthermore, found lower body between AVG and the skull in the northern trench (grave O). Weather: Cloudy no wind in morning. Rain after lunch. |
| 04-08-2021 | Excavation day 7. ABO, AVG, BO, DDP, FR, RDO. PSH's team stopped by in morning with soil drill. Found ca. 40 cm grave fill in NE corner and ca. 60 cm in SW corner. FR and ABO rinsed heap N, registered the feature and started to move bones. BO and RDO excavated the bones in grave D, drew, recorded and collected bones from the skeleton. They proceeded to excavating grave G and found assumed foot stones (see notes in scanned field diary). AVG continued excavating grave P and found it was cut just under pelvic area of grave Q. DDP excavated and recorded grave O, will not be lifted. The weather forecast reported rain the next days so had a solid tent frame put up on top of trench doing the evening. The purpose was to use own tarp as cover when raining. Weather: Sunny in morning, cloudy after lunch at 14. Rain until 17. |
| 05-08-2021 | Excavation day 8. ABO, AVG, BO, DDP, FR, RDO. Had an announced open excavation day. Birte's birthday. BO and RDO finished excavating and registration of grave G. They lifted the skeleton and found long bones underneath. AB and FR removed remains in heap N and found a tibia and fibula in anatomical |

| | |
|------------|--|
| | <p>correct position and likely remains of a disturbed grave (grave AA). They moved on to excavating grave H and I and found a skeleton west of and above grave H only preserved from pelvic area to the knee area (grave R). AVG excavated grave Q. DDP drew T3 – plan of graves J, K, P, Q, O. Celebrated Birte in the evening. Weather: Cloudy, rain from late afternoon and all evening.</p> |
| 06-08-2021 | <p>Excavation day 9. ABO, BO, DDP, FR, RDO. Help from CJ. A lot of visitors among them journalists from Berlingske Tidende and UNESCO manager Alibak Hard. AAH project members from NKA and National Museum of Denmark arrived late in afternoon. Left bones for drying on tarp during the dry morning and noon – worked well. CJ and RDO found two individuals underneath grave G and D. The bones were poorly preserved but two sets of legs and one upper body that is missing left side chest and skull. RDO and CJ further removed soil in areas in eastern area of trench. RDO later began packing bones that had been lifted. BO and DDP removed soil west of grave M to get to upper body. Found area with a humerus and chest area preserved (grave S). DDP further excavated in the grave Q area. Weather: Sunny</p> |
| 07-08-2021 | <p>Excavation day 10. ABO, BO, DDP, FR, RDO. Help from HHH. Many visitors during the morning. DHO did drone recordings, CKM did dGPS recordings. ABO and FR excavated heap T. Found a skull that likely are in situ and belong to a grave (grave U). BO and RDO excavated grave M. DDP registered and lifted bones in grave P. HHH joining at 14:30 and started excavating in the area of graves V and W. Weather: Sunny in morning, cloudy at 10-11. Heavy rain at 14.</p> |
| 08-08-2021 | <p>Excavation day 11. ABO, BO, DDP, FR, RDO. UNESCO day 14:00 – 16:00. Many visitors A rather slow day did not progress much as preparations for UNESCO day. ABO and FR finished heap T and grave I, BO prepared grave M for registration and photo. RDO cleaned and registered graves X and Y. DDP excavated in the area of graves V, W and Q. Weather: cloudy, calm wind and rain. From 16 sunny.</p> |
| 09-08-2021 | <p>Excavation day 12. ABO, BO, DDP, FR, RDO. Visit from Ivars Silis who interviewed DDP and took pictures of the bones and excavation. ABO and FR registered graves Z, R, H and lifted bones in grave Z. RDO finished grave X. RDO and BO drew grave V and W. BO finished cleaning of grave M for registration and photos. DHO did drone recordings again after more skeletons had been uncovered. Weather: Sunny</p> |
| 10-08-2021 | <p>Excavation day 13. BO, DDP, FR, RDO. ABO left. Last excavation day. JH and GMG did drone recordings and set up equipment for temperature monitoring up in the NE corner of the trench, it will provide data every second hour. BO finished grave M. FR finished graves H and R. DDP and RDO finished graves V, W and Q got help from BO and SPM. They found an additional grave AD when grave W was excavated. RDO and FR packed bones that had been lifted. DDP measured the trench according to the foundation of the cathedral and stone used as fix point for leveling. All bones left were covered by plastic and the trench margins were marked with tape. The excavation camp with tent and equipment was packed and along with the packed bones transported to the house for repacking. Weather: Sunny</p> |
| 11-08-2021 | <p>Packed equipment and bones in alu boxes ready for shipment with PSH's equipment after his excavation is finished. BO and DDP left for Narsarsuaq at 10. RDO, FR. Help from AMRJ and SM. Backfilling of soil to trench. Weather: Sunny</p> |
| 12-08-2021 | <p>RDO, FR. Help from SM. Backfilling and reestablishing of turf in trench. RDO and FR will join PSH's team and continue working on his excavation. Weather: Sunny</p> |

4. Background

Garðar, the seat of the bishop of the Norse Greenlandic settlement, is located in the Norse Eastern Settlement area and in one of five areas that make up the Kujataa UNESCO world heritage area in South Greenland (figure 2). The site is located in the present Igaliku settlement at the head of Igaliku fjord (Igalikup Kangerlua) (figure 3). The ruins of the cathedral and the Norse bishop's farm lies south of the present village on a slightly sloping coastal plain surrounded by mountains towards south and west.



Figure 2. Map of the central Kujataa area with indication of the areas and Norse sites UNESCO world heritage list.

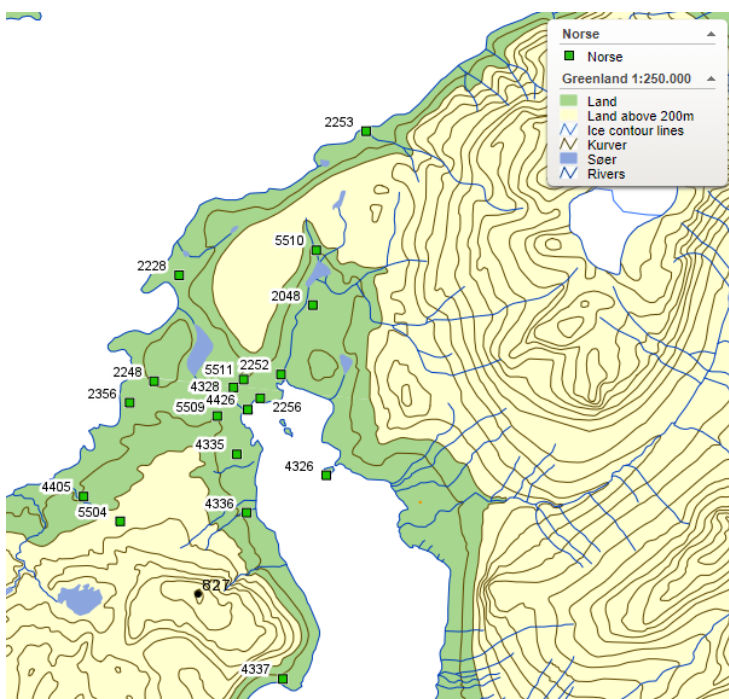


Figure 3. Map of the Igaliku area. The numbers refer to Norse protected heritage sites. NKAH 4335 is the Garðar cemetery site. Greenland 1:250,000 Maps: © Asiaq. Archaeological data: © NKA.

4.1. Environmental context

The subarctic, subcontinental climate in the inner fjords of South Greenland, contrary the predominantly arctic climate elsewhere in Greenland, make it possible to carry out pasture farming

to maintain an economy based upon animal husbandry. This has through the past 1,000 years of human activities in the area resulted in the development of a subarctic farming landscape sculptured by the Norse and later continued and further developed by modern farmers. Norse subsistence economy in the Eastern settlement was based upon animal husbandry and hunting divided roughly evenly at least in the first generations of settlers (McGovern 1985). Paleoenvironmental studies of drainage ditches close to the settlement ruins has revealed that the Norse practiced manuring of fields with waste from houses and byres (Buckland et al. 2008). The fields were fertilized to increase yields of hay that would provide winter fodder for the large herd of cattle housed in the large byres. The same study also found evidence of irrigation channels and dams for water resources to ensure good yields of hay. Several marine geophysical surveys using side-scan sonar have been conducted (Kuijpers et al. 1999, Wilken et al. 2019), however, with different results. The study by Kuijpers et al. (1999) provided evidence of a gradual loss of useful land areas due to extensive sea-level rise during the Norse settlement period as they found that the coastal regression in Igaliku fjord amounted to a distance of more than 100 m during the last ca. 1000 years. A more recent study however found a ca. 2 m rise in sea level in the Igaliku fjord since the beginning of the Norse settlement (Wilken et al. 2019). This changed the coastline but likely did not impact the fertile land resources much as the loss of land was limited to about 6 ha of more than 350 ha available land. Another climatic change that could have put stress on grass cultivation and thus the possibility of producing winter fodder for the animals are seasonal dryness which recently from studies of pollen cores in lakes has been demonstrated as an important explanatory factor impacting the Norse subsistence economy (Zhao et al. 2022). The Norse needed other subsistence strategies to maintain their lifestyle and more attention was put on exploiting local animal resources for food. The zooarchaeological records from eastern settlement middens demonstrate this shift where the proportion of local marine animals such as seal increase compared to terrestrial domesticated animals towards more marine animals (McGovern 1985). Furthermore, stable isotope analysis of human bones also including skeletons from the cemetery at Garðar provide evidence of a change towards a more marine animal based diet from the 1200s (Arneborg et al. 2012). So though the large byres and barns at Garðar indicate great reliance on animal husbandry, here as well climatic shifts likely changed the subsistence strategy.

4.2. Archaeological context

Garðar cathedral and cemetery have been surveyed and excavated several times during the past centuries, both by professional archaeologists and amateurs (see overview in Arneborg et al. 2020). Despite the great excavation activity, the surveys, at least of the cemetery, were not very well-documented. Remains of only 20 skeletons have until the excavations in 2019 been recovered from the site. That is out of an unknown number of skeletons excavated but more than 2,000 potential burials at the site as estimated by Lynnerup (1998). During the extensive archaeological investigations by Poul Nørlund and Aage Roussell in 1926 an accurate map of the complex of the bishop's seat and the cathedral were drawn (figure 4). They excavated several areas of the cemetery and within the cathedral. It was during these investigations that a bishop's grave was found within the northern chapel of the cathedral (Nørlund and Roussell 1929). The cathedral was erected sometime in the first half of the 12th century, and according to Nørlund and Roussell (1929) it likely had older predecessors. Bones of two of the skeletons excavated in 2019 were ¹⁴C dated. One likely died in the mid 1300s and the other in the first half of the 1400s. This confirms the archaeological sources of a likely use of the cathedral and cemetery until ca. 1450 close to the time of the abandonment of the Norse settlement.

After the Norse disappeared, the Igaliku area were inhabited on and off by Thule Culture populations traced archaeologically through burials and seasonal settlements (Kapel 1993). From 1783, when Norwegian Anders Olsen and his family arrived, the area was permanently settled, farming were reestablished and houses were built using stones from the Norse ruins.

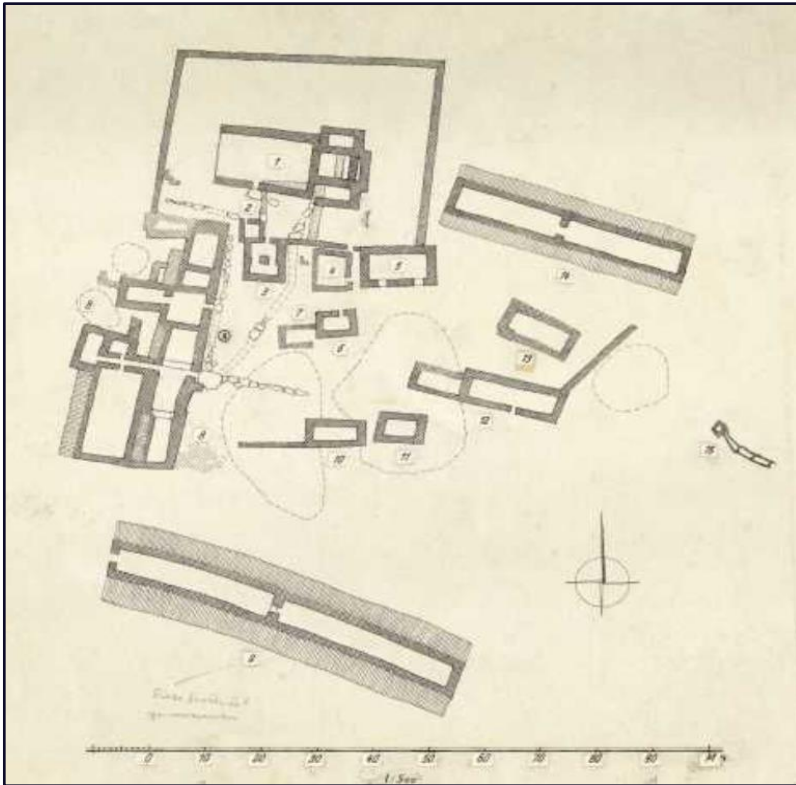


Figure 4. Map of the Bishop's residence complex including the cathedral (the most northern building structure marked with the number 1) and surrounding cemetery. Map by Aage Roussel 1928.

4.3. Historic context

The historical sources that mention the Norse site of Garðar are mainly linked to the seat of the bishop. The site is mentioned in *Grænlandinga saga* written down in *Flateyjarbók* 1382 – 1395. The saga is based on oral tradition about the settlement of Greenland in the late 900s. According to the tradition Einar took the fjord which he subsequently named after himself. Einar's fjord is identified with the Igaliku fjord, and probably Einar built the first Garðar farm. Also, according to *Grænlandinga saga* Freydis, the daughter of Eric the Red owned the farm around the time of the Vinland voyages. When ordained in 1124 according to *Grænlandinga þátr* the newly appointed bishop Arnald, Norwegian by birth, created his episcopal see at the farm Garðar and moved in (Bekker-Nielsen 1982). Bishops were appointed to Greenland until the Protestant Reformation in 1536. However, Alf, bishop in Greenland 1368 – 1378 (ordained in 1365 but arrived in 1368), was the last bishop who resided at Garðar.

In his *Greenland Description* from the late 1300s the Norwegian priest Ívar Bárðarson described Gardar as a large farm that owned all land in Einar fjord (i.e. Igaliku fjord), other farms and a large forest included. The episcopal see also had the rights to exploit resources other places such as fish from fishing lakes, soapstone, reindeer and, on the East coast of Greenland, polar bears (Jónsson 1930).

The last written evidence of life in the Norse Eastern settlement was committed to paper at Garðar in 1409 when the Greenlandic priests Eindriði Andrésón and Páll Hallvarðsson certified the wedding between the Icelandic couple Þorstein Ólafsson and Sigríð Björnsdóttir who were married

at The Hvalsey fjord church in 1408 (Halldórsson 1978:143). The historical records are silent until the arrival of Anders Olsen in 1783.

4.4. The 2019 Investigation

In 2019, two trenches were opened at the cemetery surrounding the cathedral in Garðar (Arneborg et al. 2020). The trenches were opened in areas that likely would contain undisturbed cemetery soil at least as evident from the pictures and descriptions from the excavations in 1926.

A small trench north of the cathedral was opened and only modern artefacts were found. No structures could be associated with Norse cemetery cultural layers. A second trench was opened, in the northeastern corner of the cemetery covering 12 m², 5 m south to north and 3 m east to west, where it was widest. Half of the trench was found to be disturbed by modern fill. The undisturbed cemetery area covered approx. 6 m² and here remains of seven individuals in situ in graves alongside commingled bones were found. Bones from five primary individuals in graves (A1, A2, B, C and F) and three extra individuals were collected. Skeletal remains in two graves (D and G) and in one bone heap (E) were left behind. The trench was not excavated to sterile layers of subsoil and the non-lifted remains were covered with plastic, the trench was backfilled and the turf was replaced.



Figure 5. 3D model constructed from drone recordings showing the site of the Garðar cathedral and the 2021 excavation trench in the right upper corner located NE of the cathedral foundations (within the red circle). 3D model: Jørgen Hollesen and Gorka Mendigure Gonzalez, National Museum of Denmark

5. 2021 Investigations

The archaeological investigation in 2021 was set out to reopen and further excavate the trench from 2019 in the northeastern corner of the cemetery (figure 5). The site datum (0-stone) positioned at N 67.61454°, E 47.7124° of the 2019 excavation was reused in 2021.

5.1. Methods

The position of the trench from 2019 was located by use of photos from the excavation to determine the distance from 0-stone, the northeastern corner of the cathedral and a bench to the sides and corners of the trench. Once approx. located, the turf and backfill from 2019 were removed in an area covering 3*4 meters. The graves left from the 2019 excavation were covered with plastic and the trench border marked with tape in the bottom of the trench which made the emptying of the 2019 trench easy when first identified. The position of the 2021 trench compared to the trench from 2019 is seen on the map of figure 6. The northern part of the 2019 trench was not opened as no bones had been observed in this area during the 2019 excavation. However, the 2021 trench involved a southwestern corner, measuring 1*2 meter that was not opened in 2019. The 2021 trench was divided into sections measuring 1*1 meter as sketched in figure 7. The purpose was to be able to assign a context to findings of commingled bones and objects that could not be associated with a feature – either grave or bone heap.

Grave and bone heap features were assigned a letter starting from H following the registrations in 2019. Collective bone findings as found in bone heaps, or as commingled in the fill of graves as well as skeletons in situ in graves were assigned an X number beginning with X100 to avoid overlap with the X numbers assigned the findings during the 2019 excavation. Loose findings – bone or other objects with no feature context were registered according to the section they were found in following the outline as sketched in figure 7 and was also assigned an X-number from the find list. The findings are listed in appendix A and the features are listed in appendix B. Skeletons that were lifted and had bone assessed as well enough preserved for later sampling also had soil sampled. Additionally, wood preserved in grave M was sampled. Samples were assigned S numbers and are listed in appendix E.

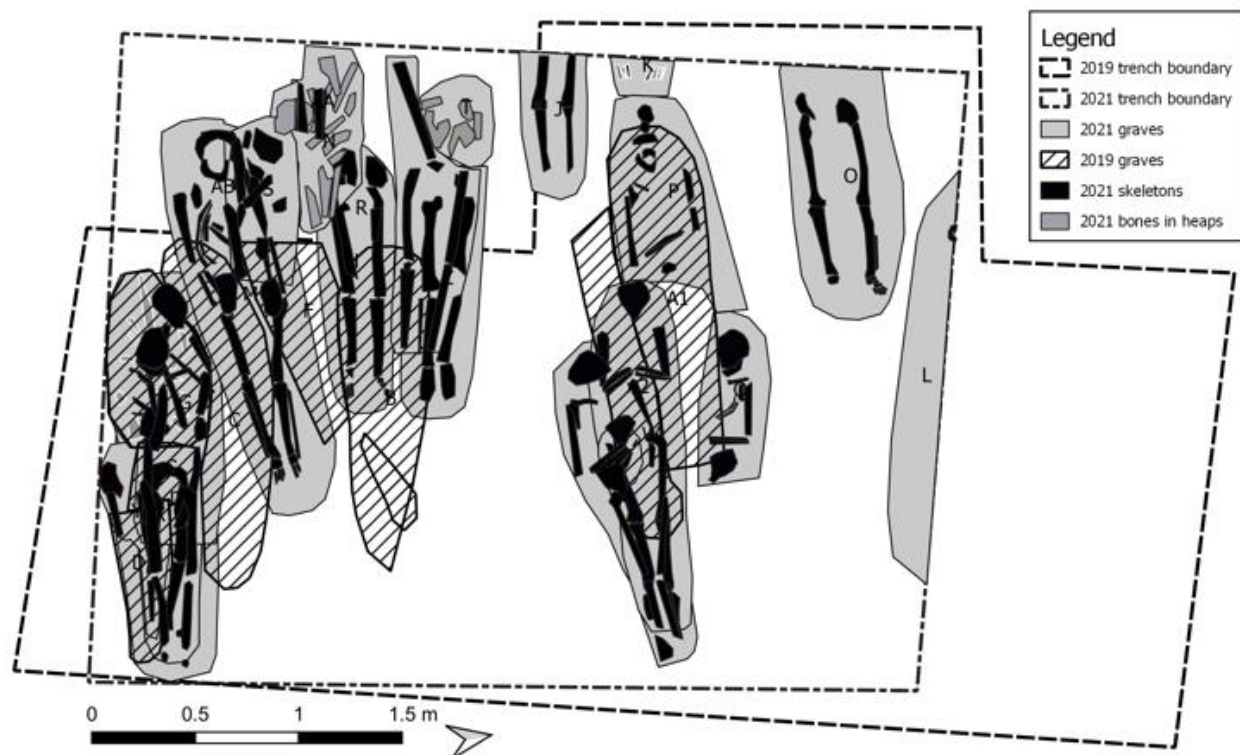


Figure 6. Map of the 2019 excavated trench and features and the 2021 excavated trench, features and skeletons. Map by Dorthe Dangvard Pedersen

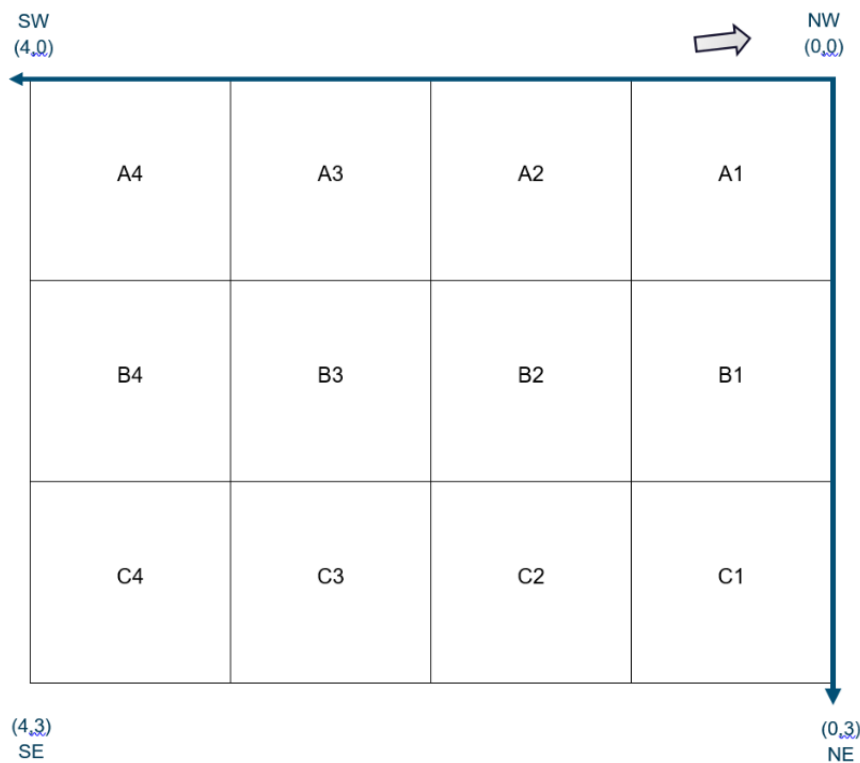


Figure 7. Sketch of the excavation trench with coordinates and directions of trench corners and division in sections.

5.2. Measuring system

The measuring system was set up according to a coordinate grid where the (0,0) coordinate point was placed in the NW corner of the trench (figure 5). The horizontal x-axis increased towards south and the vertical y-axis increased towards east.

In the absence of on-site GPS equipment graves, bone heaps and their contents were drawn according to the coordinate grid measuring system. The position of loose bones and other objects without a provenience were marked on a drawing. The drawings were assigned T numbers starting at T20 to be able to distinguish from the drawings produced during the 2019 excavation. A list of the drawings is found in appendix C.

The level of the bottom of the graves and the top point (often the skull) were measured with leveling equipment relative to the site datum (0-stone).

The corners of the trench and the grid coordinates for each meter were measured with dGPS by Christian Koch Madsen (NKA). The trench was drone recorded by David Heilmann Ottosen (NKA) to be able to use photogrammetry for GIS registration of the excavation (figure 8). The GIS data were managed in QGIS and here the drawings of the skeletons were georeferenced and used with drone recordings for photogrammetric reconstruction of the trench as seen in figures 6 and 9.



Figure 8. Drone image of the 2021 excavation trench recorded on 7. August. The graves already lifted and those excavated within the time period 7. – 9. August are not featured. Image by: Christian Koch Madsen and David Heilmann Ottosen, NKA.



Figure 9. Map of the features of the 2021 trench. Map by Dorthe Dangvard Pedersen.

5.3. Features

Twenty-six features were excavated during the archaeological investigation (figure 7). Three of these (one bone heap and two graves) were found in 2019 but the excavation and lifting of remains were done in 2021. Of the 23 remaining features, two were bone heaps, three were likely graves and 18 were graves. Excavation, registration and lifting of bones was not finished for eight of the 23 features either because they were located partly beneath the trench borders or because they were found at the deepest layers and on the final days of the excavation. This include graves J, L, K, O and AA and assumed graves U (skull), AB (feature with large stones) and AC (skull).

Grave D, skeleton X49. Lower body excavated during the 2019 excavation. Additionally, a well-preserved skull and poorly preserved upper body was found when the bones of heap E were removed. The skeleton is the top layer in four stratigraphic connected graves that seem to have been buried in the same burial pit.

Stratigraphic relations: Below bone heap E. Above graves G, X and Y.

Male, 28-40 years.

Right femur measured in grave: 50 cm

Stature measured in grave: 164 cm

Arm position: Left: ? Right: ?



Figure 10. Grave D, X49. The skeleton in the grave (left) and the bones after cleaning (right).

Bone heap E, X105 and X115. The disarticulated bones (X105 and X115) are randomly dispersed in the pit. Found during the 2019 excavation. The bones may belong to the skeletons in graves D, G, X and Y.

Stratigraphic relations: Above graves D, G, X and Y.

Remains of three individuals: Male 45-70 years, likely male 30-60 years and female 35-65 years.



Figure 11. Bone heap E, X105 and X115. The bones in the heap (left) and the bones after cleaning (right).

Grave G, skeleton X135. Lower body excavated during the 2019 excavation. Additionally, a skull and poorly preserved upper body was found when bones of heap E and skeleton in grave D were removed. Located just beneath the skeleton in grave D. Stratigraphic relations: Below heap E and grave D. Above graves X and Y. Male 55-70 years. Right femur measured in grave: 41 cm Stature calculated from femur: 153.2 cm +/- 4.3 Arm position: Left: D Right: ?



Figure 12. Grave G, X135. The skeleton in the grave (left) and the bones after cleaning (right).

Grave H, skeleton X108. Well-preserved bones but partly preserved skeleton from above pelvic area and downwards. Stratigraphic relations: Below heap N, graves R and AA. Above grave AC. Male 30-40 years. Left femur measured in grave: 46 cm Stature calculated from femur: 164.8 cm +/- 4.3. Arm position: Left: ? Right: ?



Figure 13. Grave H, X108. The skeleton in the grave (left) and the bones after cleaning (right).

Grave I, skeleton X118. Torso, left arm and upper pelvic area cut by bone heap T. Charcoal (X120, X143), loose tooth (X119), pieces of burnt bone (X152) and possible grindstone fragment (X153) in grave fill. Stratigraphic relations: Below heap T, above graves Z and U. Likely female 50-70 years. Arm position: Left: ? Right: B/C



Figure 14. Grave I, X118. The skeleton in the grave (left) and the bones after cleaning (right).

Grave J, skeleton X116. Skeleton excavated from middle part of femora and towards the feet. Pelvic area and upper body are likely present underneath the western trench border. Loose tooth (X117) found in fill. NOT LIFTED. Stratigraphic relations: None



Figure 15. Grave J, X116. The skeleton in the grave.

Grave K, metatarsal bones X123. Metatarsals of left and right foot placed anatomically correct. The bones were found at the Western trench border and the rest of skeleton is likely present underneath the trench boundary. NOT LIFTED. Stratigraphic relations: Cut by grave P.



Figure 16. Grave K, X123. The feet in the grave.

Grave L, skull X157 (primary individual?). Located along the northern profile of the trench. Seems to be a lot of charcoal in the fill. NOT LIFTED. Stratigraphic relations: None

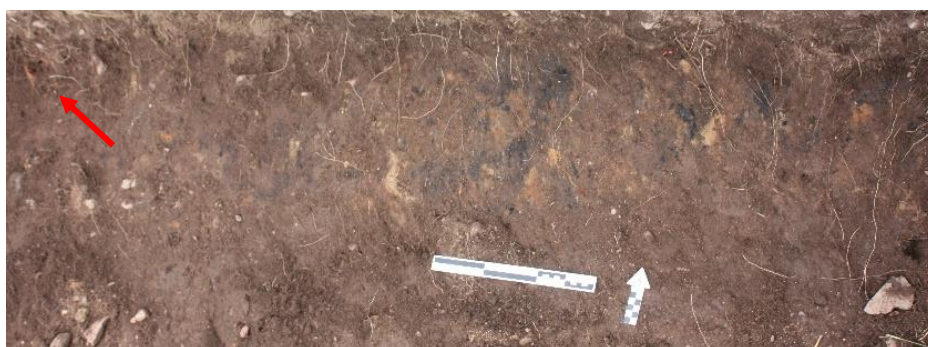


Figure 17. Grave L, X157. The skull in the grave (red arrow).

Grave M, skeleton X128. Complete skeleton however poorly preserved. Wooden coffin likely with lid.

Stratigraphic relations: Below grave S. Above grave? AB.

Male 44-56 years

Right femur measured in grave: 42 cm

Stature measured in grave: 163 cm.

Arm positions: Left: B, Right: B.



Figure 18. Grave M, X128. The skeleton in the grave (right), the feet covered with and surrounded by wood from the coffin (middle) and the bones after cleaning (left).

Bone heap N, X129, X131, X136. The disarticulated bones (X131 and X136) and a tooth (X129) are randomly dispersed in the pit. The bones may belong to skeletons in graves H, R and S.

Stratigraphic relations: Above graves H, R, S and AA.

Remains of minimum five individuals: Female 15-20 years, male 50-80 years, male 25-40 years, likely male 25-40 years and likely male 30-50 years.



Figure 19. Grave N, X129, X131 and X136. The bones in the heap (left) and the bones after cleaning (right).

Grave O, skeleton X132. Lower body uncovered, the remaining skeleton is likely located beneath the western trench border. NOT LIFTED.

Stratigraphic relations: None.

Arm position: Left: ? Right: ?



Figure 20. Grave O, X132. The skeleton in the grave.

Grave P, skeleton X133. Upper body preserved the remaining skeleton removed by cut for grave Q. Clear distinguish of grave boundary on left side of grave (northwards). Shattered skull and bones displaced.

Stratigraphic relations: Below grave Q and A1 (2019 excavation). Above grave K.

Male 55-75 years.

Arm position: Left: ? Right: C



Figure 21. Grave P, X133. The skeleton in the grave (left) and the bones after cleaning (right).

Grave Q, skeleton X137. The upper body of left side of skeleton preserved from beneath the pelvic area. The grave was cut in the midsection of the torso and underneath the left pelvic area. Stratigraphic relations: Below grave W, A1 (2019 excavation). Above grave P.

Male 38-50 years

Arm position: Left: C Right: ?



Figure 22. Grave Q, X137. The skeleton in the grave (left) and the bones after cleaning (right).

Grave R, skeleton X145. Disturbed grave placed on top of grave H in the same pit with a few centimeters of soil between them. Cut from top of pelvic area and at distal right knee and on mid left femur. Charcoal both beneath and on top of skeleton (X114, X141). Further findings in the fill X146 (rock crystal), X147 (burnt bone), X148 (loose found tooth). Stratigraphic relations: Below heap N and grave AA. Above grave H. Male 48-68 years
 Arm position: Left: ? Right: ?



Figure 23. Grave R, X145. The skeleton in the grave (left and red circle) and the bones after cleaning (right).

Grave S, skeleton X150. Part of articulated right torso including humerus, proximal either ulna or radius, shoulder region, some midsection thoracic vertebrae, ribs and part of pelvis. May belong to grave F excavated in 2019. Stratigraphic relations: Above grave M (likely cut by grave M). Unknown 18-60 years
 Arm position: Left: ? Right: D.

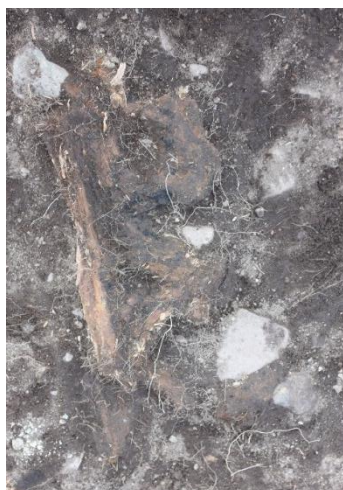


Figure 24. Grave S, X150. The skeleton in the grave (left) and the bones after cleaning (right).

Bone heap T, X152, X178. The disarticulated bones (X178 and X151) are randomly dispersed in the pit. The bones may belong to the skeletons in grave I or Z. Pieces of charcoal (X156) found in fill. Stratigraphic relations: Above graves I, Z and U. Remains of minimum two individuals: Likely female 45-70 years, male 40-70 years.



Figure 25. Bone heap T, X151 and X178. The bones in the heap(left) and the bones after cleaning(right).

Grave? U, skull X183. Possibly a grave only represented by a skull, however the potential postcranial area not excavated. NOT LIFTED.

Stratigraphic relations: Below heap T and graves I and Z.
Arm position: Left: ? Right: ?



*Figure 26. Grave? U, X183.
The skull in the grave.*

Grave V, skeleton X158. The skeleton is complete, however the bones are poorly preserved. Several disarticulated bones (X177) were scattered just above the primary individual.

Stratigraphic relations: Above grave AD and W.

Male 55-65 years

Right femur measured in grave: 43 cm

Right femur measured in lab: 43.5 cm

Stature calculated from femur: 159.0 cm +/- 4.3

Arm position: Left: B Right: C.



*Figure 27. Grave V, X158.
The skeleton in the grave
(top) and the bones after
cleaning (bottom).*



Grave W, skeleton X159. Complete skeleton, well preserved bones of lower body. Found and excavated on the last day in a hurry. Several disarticulated bones (X187, X189), animal bone (X190) and burnt bone (X193) in fill.

Stratigraphic relations: Below grave A1 and A2 (2019 excavation), V and AD. Above grave Q.

Male 52-64 years

Right femur measured in grave: 46 cm

Stature measured in grave: 165 cm

Arm positions: Left: D Right: D.



Figure 28. Grave W, X159. The skeleton in the grave (top) and the bones after cleaning (bottom).

Grave X, skeleton X160. Stones and charcoal in fill. Stones smaller than fist. Lower body and parts of upper body. The grave is located right beneath grave Y. Loose bones in heap E may belong to the skeleton in the grave.
 Stratigraphic relations: Below bone heap E and graves Y, D and G.
 Likely female 25-50 years
 Left femur measured in grave: 42 cm
 Stature calculated from femur: 152.2 cm +/- 4.1
 Arm position: Left: C Right: ?



Figure 29. Grave X, X160. The skeleton in the grave (top) and the bones after cleaning (bottom).

Grave Y, skeleton X161. Lower body represented by pelvic area, femora (right cut mid diaphysis) and part of left tibia.
 Stratigraphic relations: Below graves D and G. Above grave X.
 Likely female 35-45 years
 Arm position: Left: ? Right: ?



Figure 30. Grave Y, X161. The skeleton in the grave (top and marked with red circle) and the bones after cleaning (bottom).

Grave Z, skeleton X171, charcoal X173. Poorly preserved skeleton represented by the lower body preserved from left pelvic bone and downwards. Upper body removed by bone heap T. Large pieces of charcoal in fill.
 Stratigraphic relations: Below the skeleton in grave I.
 Above grave U.
 Likely female 35-50 years
 Right femur measured in grave: 43 cm
 Stature calculated from femur: 154.6 cm +/- 4.1
 Arm position: Left: ? Right: ?



Figure 31. Grave Z, X171. The skeleton in the grave (left) and the bones after cleaning (right).

Grave AA, skeleton X180. Distal part of left and right tibia. The rest of the body is likely present beneath the western trench border. NOT LIFTED.
 Stratigraphic relations: Above graves R and H. Below bone heap N.



Figure 32. Grave AA, X180. The bones in the grave.

Grave? AB. Unsure whether this is a grave. Large flat stones underneath the head end of grave M. Not excavated further.

Stratigraphic relations: Below grave M.



Figure 33. Grave AB, X188. The stones in the possible grave.

Grave? AC, skull X188. Likely grave. Skull found beneath right femur of grave H. Not further excavated. NOT LIFTED.

Stratigraphic relations: Below grave H



Figure 34. Grave AC, X188. The skull in the grave (left).

Grave AD, skeleton X192. Found and excavated in a hurry the last day. Articulated bones of right elbow, forearm, hand and pelvis but severely disturbed by other graves. Right on top of grave W and right beneath grave V.

Stratigraphic relations: Below grave V. Above grave W.

Likely male 38-48 years

Arm position: Left: ? Right: D.



Figure 35. Grave AD, X192. The bones in the grave (left) and the bones after cleaning (right).

5.4. Stratigraphic relations and dating

The stratigraphic relations of the features are illustrated in the Harris Matrix in figure 36. Here are also included the features found and excavated in 2019. Besides graves D and G and heap E the 2019 graves include graves A1, A2, B, C and F. Sterile subsoil has not been reached in any of the areas of the trench.

Two skeletons from the 2019 excavation were ¹⁴C dated and fall in mid 1300s (grave C) and first half of 1400s (grave A2), respectively. A2 was found second from the top in the longest stratigraphic sequence observed in the excavated area counting seven graves. From the 2021 excavation, bone was sampled from graves D, M, P, W and X and sent to SUERC - Radiocarbon Laboratory, University of Glasgow, Scotland for ¹⁴C dating. We are awaiting the results.

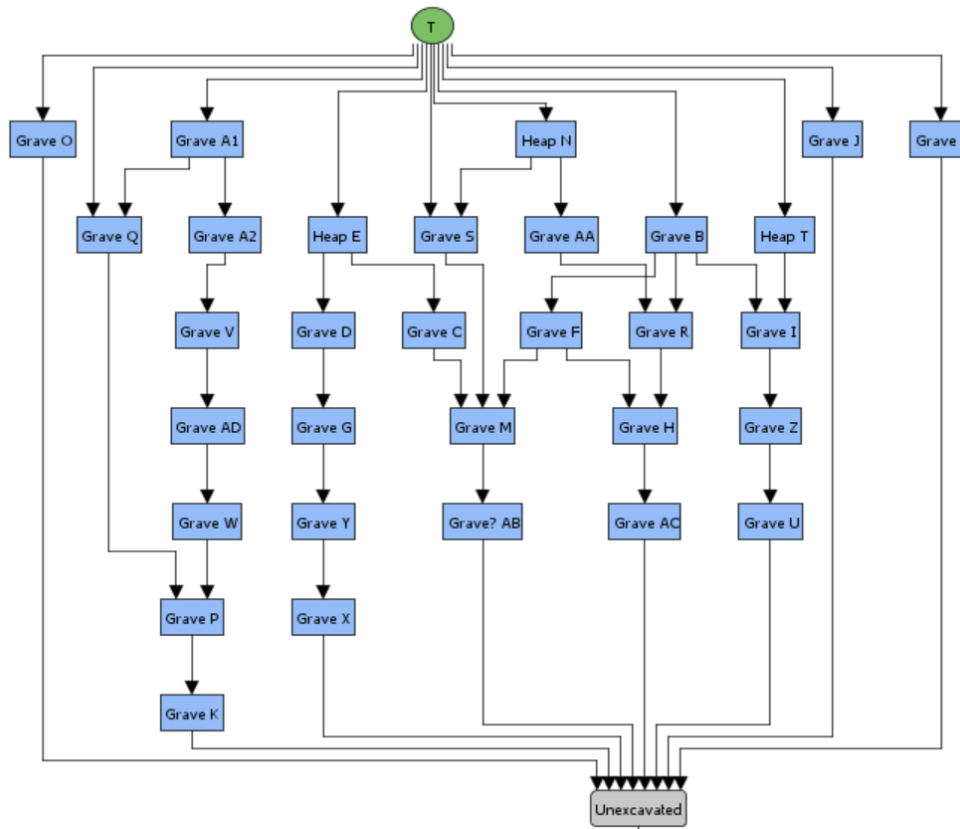


Figure 36. Harris Matrix showing the stratigraphic relations of the graves including both the 2019 and 2021 graves.

5.5. Anthropological data

The anthropological data collected from primary individuals in graves are listed in appendix F and for secondary individuals in either graves, bone heaps or without context are listed in appendix G. Fifteen primary individuals were lifted including those in graves D and G left from the 2019 excavation. Of these, 10 were males, 4 were likely females and for one individual the sex was not possible to determine. The youngest individual was found in grave D and was a male that was 28-40 years at death. The oldest individual was found in grave P and was a male that was 55-75 years at death.

Remains of a minimum of 34 individuals were present among the secondary individuals. All but one were adults. The sub-adult among the bones (X186) was represented by parts of the mandible of a 5-7 year old child.

6. Summary

The archaeological excavations of the cemetery of Garðar during July and August 2021 yielded 23 new features in addition to the 7 graves and one bone heap found doing the 2019 archaeological investigations of the same trench. Thus, in the trench have so far been found three bone heaps,

24 graves and four likely graves. The degree of preservation of bone varies within the trench but is overall poor. The preservation however seems to improve in the deeper levels.

Works Cited

- Arneborg, J. N. Lynnerup and J. Heinemeier (2012). Human Diet and Subsistence Patterns in Norse Greenland A.D. c. 980 – A.D. c. 1450: Archaeological Interpretations. In: Arneborg, J., J. Heinemeier & N. Lynnerup (eds.). *Journal of the North Atlantic, Special Volume 3: Greenland Isotope Project: Diet in Norse Greenland AD 1000-AD 1450*, pp. 119-133.
- Arneborg, J., Harmsen, H., Pedersen, D.D. (2020). *Excavations at the churchyard in Igaliku, the Norse Bishop see at Gardar, July 2019*. Excavation Report, Activating Arctic Heritage, Carlsberg Foundation.
- Bekker-Nielsen, H. (1982). Islandske sagaer om Grønland. In: Krogh, K.J.: *Erik den Rødes Saga* p. 197 – 245.
- Buckland, P.C., Edwards, K.J., Pamagiotakopulu, E., Schofield, J.E. (2008). Palaeoecological and historical evidence for manuring and irrigation at Gardar(Igaliku), Norse Eastern Settlement, Greenland. *The Holocene* 19 (1): 105-116.
- Halldórsson, O. (1978). *Grænland í miðaldaritum*. Reykjavík.
- Jónsson, F. (1930). *Det gamle Grønlands Beskrivelse af Ívar Bárðarson*. København 1930
- Kapel, H.C. (1993). *Berejsning og undersøgelser i Narsaq og Nanortalik kommuner sommeren 1993*. Feltrapport, Grønlandssekretariatet, Narsaq Museum, Nanortalik Museum.
- Kuijpers, A., Abrahamsen, N., Hoffmann, G., Hühnerbach, V. Konradi, P., Kunzendorf, H. Mikkelsen, M., Thiede, J., Weinrebe, W. (1999). Climate change and the Viking-age fjord environment of the Eastern Settlement, South Greenland. *Geologic survey of Denmark and Greenland bulletin*, 183: 61-67.
- Lynnerup, N. (1998). The Greenland Norse. A Biological-Anthropological Study. *Meddelelser om Grønland - Man & Society*, 24: 3-149.
- McGovern, T. (1985). Contributions to the Paleoecology of Norse Greenland, *Acta Archaeologica* 54, 1983: 73-122.
- Nørlund, P., Roussell, A. (1929). Norse Ruins at Gardar: The Episcopal Seat of Medieval Greenland. *Meddelelser om Grønland* 76(1): 1-170.
- Wilken, D., Wunderlich, T., Feldens, P. Coolen, J., Preston, J., Mehler, N. (2019). Investigating the Norse Harbour of Igaliku (Southern Greenland) Using an Integrated System of Side-Scan Sonar and High-Resolution Reflection Seismics. *Remote Sensing* 11,1889.
- Zhao, B., Casteneda, I.S., Salacup, J.M., Thomas, E.K., Daniels, W.C., Schneider, T., de Wet, G.A., Bradley R.S. (2022). Prolonged drying trend coincident with the demise of Norse settlement in southern Greenland. *Science Advances* 8, eabm4346.

Appendices

Appendix A: Artefacts

| X-nr | Type | Context | Plan # | Level fix - read fix: | Level – from site datum | Coordinates | Comments |
|------|--------------------------|---------|--------|------------------------------------|-------------------------|-------------|---|
| 100 | Metal (iron) wire | | T20 | Fix: 137. Lev: 215 | | 175/295 | At eastern trench border in bottom of 2019 trench. |
| 101 | Loose bone | | T20 | Fix: 137. Lev: 206 | | 133/151 | Likely from the backfill of the 2019 trench |
| 102 | Iron | | T20 | Fix: 137. Lev: 210 | | 165/106 | |
| 103 | Loose bone | | T20 | Fix: 137. Lev: 205 | | 19/255 | |
| 104 | Charcoal | | T20 | Fix: 137. Lev: 203 | | 20/140 | |
| 105 | Loose bone | Heap E | T20 | Fix: 137. Lev: 210 | | 359/155 | |
| 106 | Loose fragment mandibula | | T20 | Fix: 137. Lev: 205 | | 190/59 | Found just below the bottom of the 2019 trench. Could belong to X32. |
| 107 | Loose bones | | T20 | Fix: 137. Lev: 200 | | A1 | Collected in section A1 |
| 108 | Primary skeleton | Grave H | T20 | | | | |
| 109 | Metal | | T20 | | | | |
| 110 | Animal bone | Heap E | T20 | | | Heap E | In Heap E from 2019 excavation |
| 111 | Iron | | | Fix: 137. Lev: 197 | | 44/23 | |
| 112 | Loose bones | | | | | A2 | Collected in fill |
| 113 | Burnt bone | Grave H | T20 | Fix: 147. Lev: 239 | | 280/125 | Burnt bones in bottom of grave H. |
| 114 | Charcoal | Grave R | T20 | | | | Burnt branch. |
| 115 | Commingled bones in heap | Heap E | | Fix: 147. T_lev: 223 B_lev: 227 | | 280/142 | Loose bones from heap E. Three long bones (humeri?). length of bones 23, 27 and 19 cm |
| 116 | Primary skeleton | Grave J | | Fix: 147. Lev: 219 | | | Skeleton in grave excavated from mid femora to feet the remaining skeleton is beneath the western trench border. NOT LIFTED |

| | | | | | | | |
|-----|--|-----------|----------|----------------------------------|--|-----------|---|
| 117 | Loose tooth | Grave J | | | | | |
| 118 | Primary skeleton | Grave I | | | | | |
| 119 | Loose tooth | | | | | | |
| 120 | Charcoal | | | | | | |
| 121 | Burnt bone | Grave H/I | | | | | |
| 122 | Burnt bone | Grave H | | | | | |
| 123 | Left and right metatarsals in situ | Grave K | | Fix: 139, B_lev: 213 | | | Metatarsals right and left side placed anatomically correct, sticking out just underneath the trench border |
| 124 | Piece of metal | A1 | | Fix: 139, lev: 208 | | | |
| 125 | Pieces of metal (slag?) | A1 | | Fix: 139, lev: 210 | | | |
| 126 | Loose bones | A3 | | | | | |
| 127 | Loose bones | A4 | | | | | |
| 128 | Primary skeleton | Grave M | T23 | Fix: 147, B_lev: 241 | | | |
| 129 | Tooth | Heap N | | | | | Loose find in fill |
| 130 | Burnt bone | Grave D | | | | | Loose find at the foot bones of primary skeleton |
| 131 | Commingled bones in heap | Heap N | T21 | Fix: 151, T_lev: 222, B_lev: 230 | | | Commingled. Lifted and in three bags |
| 132 | Primary skeleton | Grave O | T22 | Fix: 145, B_lev: 223 | | | Lower legs of in situ skeleton. Remaining skeleton beneath western excavation trench. NOT LIFTED. |
| 133 | Primary skeleton | Grave P | T22 | Fix: 145, T_lev: 217, B_lev: 228 | | | Skull and upper body cut in pelvic region by grave Q or W |
| 134 | Charcoal | Heap N | | | | | |
| 135 | Primary skeleton | Grave G | T20, T23 | | | | |
| 136 | Tibia and fibula in situ (same as X180 in grave AA?) | Heap N | | Fix: 145, Lev: 225 | | 293-303/0 | tibia and fibula in bottom of heap N – in situ so likely undisturbed parts of grave. Continues underneath western excavation trench border. NOT LIFTED. |

| | | | | | | | |
|-----|---|---------|----------|-------------------------------------|--|---------|---|
| 137 | Primary skeleton | Grave Q | T20, T22 | Fix: 145. T_lev: 226, B_lev: 244 | | | Left side of skeleton preserved from under pelvic area. Cut in mid section of torso. |
| 138 | Metal plate | Grave Q | | | | | In grave fill |
| 139 | Animal bone | Grave G | | | | | Loose found in grave fill |
| 140 | Tooth | Grave D | | | | | Loose found at foot bones of skeleton in grave D |
| 141 | Charcoal from charcoal layer | Grave R | | | | | From layer of charcoal above and beneath skeleton X145 in grave R |
| 142 | Loose bone | Grave J | | | | 185/75 | Loose bone collected in level of grave J |
| 143 | Charcoal | Grave I | | | | | |
| 144 | Left tibia and fibula and bones of feet | Grave Q | T22 | Fix: 140, lev: 228 | | 100/210 | Articulated and potential in situ remains in grave. Joint ends seems burned. Located on top of chest area of skeleton in grave Q . GRAVE? |
| 145 | Primary skeleton | Grave R | T26 | | | | Only pelvic area and parts of femora preserved. Bones placed right on top of bones in grave H – knee on knee. Charcoal both on top and beneath the bones. |
| 146 | Crystal rock | Grave R | | | | | Between the femora of the skeleton and above the charcoal layer. |
| 147 | Burnt bone | Grave R | | | | | Loose find in grave fill |
| 148 | Tooth | Grave R | | | | | Loose find in grave fill |
| 149 | Charcoal | Grave Q | | | | | Found in grave fill |
| 150 | Primary skeleton | Grave S | T23 | Fix: 141. T_lev: 216 | | | Disturbed and cut in situ skeleton. Articulated humeri, forearm, shoulder and chest area. May belong to skeleton in grave F excavated in 2019 |
| 151 | Commingled bones in heap | Heap T | | | | | |
| 152 | Burnt bone | Grave I | | | | | Loose find in grave fill |
| 153 | Grindstone | Grave I | | | | | Loose find in grave fill |
| 154 | Charcoal | Grave H | | | | | |

| | | | | | | | |
|-----|--------------------|---------------|----------|----------------------|--|--|--|
| 155 | Animal tooth | Grave Q | | | | | In northern margin of grave |
| 156 | Burnt branch | Heap T | T24 | | | | Just above the skull X183 in grave U |
| 157 | Skull | Grave L | T20, T22 | Fis: 147. T_lev: 213 | | | Likely skull belonging to in situ preserved skeleton in grave – grave fill seems to be in accordance with grave shape and orientation. |
| 158 | Primary skeleton | Grave V | T20, T25 | Fix: 147, B_lev: 246 | | | |
| 159 | Primary skeleton | Grave W | | | | | |
| 160 | Primary skeleton | Grave X | | Fix: 147. B_lev: 241 | | | |
| 161 | Primary skeleton | Grave Y | | Fix: 147. B_lev: 240 | | | |
| 162 | Piece of metal | Grave Y | | | | | Found in southern profile of trench when excavating possible humerus for skeleton in grave. |
| 163 | Charcoal | Grave X | | | | | |
| 164 | Animal bone | Grave X | | | | | Likely animal bone. Found in fill after removing skull from grave G and searching for grave X. |
| 165 | Loose bones | Grave G (X/Y) | | | | | The bones – scapula, tooth and others were found when excavating pit from removal of skull in grave G. however skeleton X160 in grave X and skeleton X161 in grave Y are present under Graves G and D and the bones can belong to either of these individuals. |
| 166 | Loose bone | Grave X | | | | | Loose bone not anatomical correct position compared to the primary skeleton. |
| 167 | Loose tooth | Heap T | | | | | |
| 168 | Burnt bone | Grave I | | | | | |
| 169 | Charcoal | Grave I | | | | | |
| 170 | Tooth likely sheep | Grave V/W | | | | | Found in lower (eastern) part of graves V and W |
| 171 | Primary skeleton | Grave Z | | | | | |

| | | | | | | | |
|-----|---------------------------|-----------------|--|--|----------|---------|---|
| 172 | soapstone | In stone pile | | | | | Loose find in pile of stones removed from trench. Chisel or scraping marks |
| 173 | Charcoal | Grave Z | | | | | |
| 174 | Charcoal | Grave M | | | | | Charcoal found in chest region of skeleton in grave M |
| 175 | Tooth | Grave M | | | | | Loose find in grave fill |
| 176 | Loose bones | Grave Z | | | | | Right and left femora and fibula |
| 177 | Loose bones | Grave V | | | | | |
| 178 | Commingled bones in heap | Heap T | | | | | Likely bones belonging to skeleton in grave R or I |
| 179 | Loose bones | Grave R | | | | | |
| 180 | Primary skeleton | Grave AA | | | | | NOT LIFTED. |
| 181 | Animal bone | Grave R | | | | | |
| 182 | Loose found phalange | Grave Q | | | | | |
| 183 | Skull (primary skeleton?) | Grave U | | | | | Well preserved skull could belong to in situ skeleton. NOT LIFTED |
| 184 | Skull (primary skeleton) | Beneath grave Y | | | 40-45 cm | | In situ in grave?. NOT LIFTED. |
| 185 | Loose phalange | Without context | | | | | |
| 186 | Loose mandibula | Grave H | | | | | Loose mandibular and teeth from subadult – 6-10 years old. Found between right and left foot of skeleton in grave H. |
| 187 | Loose bones | Grave W | | | | | Two bags |
| 188 | Skull (primary skeleton?) | Grave AC | | | | | Skull not excavated further could belong to primary skeleton. NOT LIFTED. |
| 189 | Femur | Grave V/W? | | | | 155/175 | May belong to skeleton beneath graves V and W. NOT LIFTED |
| 190 | Animal bone | Grave W | | | | 135/100 | |
| 191 | Skull (primary skeleton) | Graves V/W | | | | | Loose found or potential in situ skull in grave that is found underneath eastern border of trench border. Not excavated further. NOT LIFTED. |

| | | | | | | | |
|-----|------------------|----------|--|--|----------------------------------|--|---|
| 192 | Primary skeleton | Grave AD | | | Fix: 137. T_lev: 231. B_lev: 241 | | |
| 193 | Burnt bone | Grave W | | | | | |
| 194 | Loose bone | Grave V | | | | | Tibia and several other well preserved bones just underneath grave V. NOT LIFTED. |
| 195 | Iron coffin nail | Grave M | | | | | Found during rinsing attached to skull between parietal and occipital bones. |

Appendix B: Features

| Feature number | Type | Finds | Plan # | Level fix - read fix: | Level - cm from surface | Stratigraphy – above/below | Comments |
|----------------|-----------|---|----------|------------------------------------|-------------------------|---|--|
| D | Grave | X49 (skeleton) | T21 | Fix: 151 T_lev: 231, B_lev: 235 | | Below heap E. Above graves G, X and Y | Was left from 2019 excavation. |
| E | Bone heap | X115 (disarticulated bones) | | Fix: 147 T_lev: 223, B_lev: 227 | | Above graves D, G, X and Y | Bones may be from skeletons in graves D, G, X or Y. |
| G | Grave | X135 (skeleton) | T20, T23 | Fix: 145 T_lev: 250, B_lev: 290 | | Below Heap E, grave D Above graves X and Y | Was left from 2019 excavation. |
| H | Grave | X108(skeleton) | T20, T26 | Fix: 147, B_lev: 239 | | Below heap N, graves R and AA Above grave AC | Cut above pelvic area by Grave R, heap N and grave AA. covered with charcoal layer around the knee area |
| I | Grave | X118 (skeleton), X119(loose tooth), X120 (charcoal), X143 (charcoal), X152(burnt bone), X153(grindstone) | T24 | Fix: 147, B_lev: 237 | | Below heap T Above graves Z and U | Torso, left arm and upper pelvic area cut by bone heap T. |
| J | Grave | X116 (skeleton), X117 (loose found tooth) | T20, T22 | Fix: 147, B_lev: 219 | 32 cm | Below grave A1 | The skeleton is excavated from mid femori to feet. Pelvic area and upper body is located underneath the western trench border. NOT LIFTED. |
| K | Grave | X123 (foot bones) | T20, T22 | Fix: 147, B_lev: 220 | 37 cm | Below (cut by) grave P | Metatarsals right and left side placed anatomically correct, sticking out just underneath the trench border. Rest of skeleton may be present in unexplored area. NOT LIFTED. |
| L | Grave | X157 (skull- from primary?) | T20, T22 | Fix: 147, T_lev: 213 | 53 cm | | Located along the northern profile of the trench. NOT LIFTED. Seems to be a lot of charcoal in the fill. |

| | | | | | | | |
|---|-----------|--|----------|--|-------------|--|---|
| M | Grave | X128 (skeleton) X195 (iron coffin nail) | T23 | Fix: 147, B_lev: 241 | | Below grave S | Wooden coffin likely with lid. |
| N | Bone heap | X129 (tooth), X131 (bones) | T21 | Fix: 151, T_lev: 222, B_lev: 230. T_lev:221(fix:145) | | Above graves H and R | |
| O | Grave | X132 (skeleton) | T20, T22 | Fix: 145, B_lev: 223 | 57 cm | | Lower legs excavated. The remaining skeleton is located beneath the western trench border. NOT LIFTED. |
| P | Grave | X133 (skeleton) | T20, T22 | Fix: 145, T_lev: 217, B_lev: 228. | | Below grave Q Above grave K | Upper body preserved the remaining skeleton removed by cut for grave Q. Charcoal in fill. Clear distinguish of grave cut on left side of grave (northwards). Shattered skull and bones displaced. |
| Q | Grave | X137 (skeleton) X182 (loose found bone) X144 (loose found bone) | T20, T22 | Fix: 145, T_lev: 226. B_lev: 244 | | Below grave W Above grave P | Left side of skeleton preserved from under pelvic area. Grave cut in mid section of torso and underneath the left pelvic area. |
| R | Grave | X145 (skeleton), X114(charcoal), X146 (rock crystal), X141 (charcoal from layer), X147 (burnt bone), X148 (loose found tooth) | T26 | Fix: 137, T_lev: 222, B_lev: 226 | | Below heap N and grave AA Above grave H | Grave on top of grave H. In the same pit with a few centimeters of soil between them. Cut from top of pelvic area and at distal right knee and on mid left femur. Charcoal both beneath and on top of skeleton. |
| S | Grave | X150 | T23 | Fix: 141, T_lev: 216 | | Above grave M (likely cut by grave M) | Part of articulated right torso including humerus, proximal either ulna or radius, shoulder region, some midsection thoracic vertebrae, ribs and part of pelvis. May belong to grave F excavated in 2019 |
| T | Bone Heap | X178 (disarticulated bones), X156 (charcoal) | T24 | Fix: | | Above graves I, Z and U | The disarticulated bones may belong to the skeleton in grave I or Z. |
| U | Grave | X183 (skull) | | Fix: 147, T_lev: 233 | C. 45-50 cm | Below heap T and graves I and Z | Possibly a grave only represented by a skull but postcranial area not excavated. NOT LIFTED. |
| V | Grave | X158 (skeleton), X177 (loose bones), 194(loose bone) | T20, T25 | Fix: 147. B_lev 246 | | Above grave AD and W | The skeleton is complete however rather poorly preserved. A lot of loose found bones scattered just above the bones of the primary individual. |

| | | | | | | | |
|----|--------|---|----------|---|-------|---------------------------------------|---|
| W | Grave | X159 (skeleton), X187 (loose found bone), X189 (loose found femur), X190 (animal bone), X193 (burnt bone) | T20, T27 | Fix: 137. T_lev: 231 B_lev: 241(AD hand) | | Below grave V and AD Above grave Q | Complete skeleton, well preserved from pelvic area and lower body. Found and excavated on the last day in a hurry. |
| X | Grave | 160 (skeleton) | T24 | Fix: 147. B_lev: 241 | | Below graves Y, D and G | Stones and charcoal in fill. Stones smaller than fist. Lower body and parts of The grave is located right beneath grave Y. loose bones in heap E may belong to the skeleton in the grave |
| Y | Grave | X161 (skeleton) | T24 | Fix: 147. B_lev: 240 | | Below graves D and G. Above grave X | Represented by pelvic area, femora (right cut mid diaphysis) and part of left tibia. |
| Z | Grave | X171 (skeleton), X173 | | Fix: 140. T_lev: 232. B_lev: 233 | | Below grave I. Above grave U | Represented by lower body. Right underneath grave I. Large pieces of charcoal in fill |
| AA | Grave | X180 (skeleton) | T26 | Fix: 137. T_lev: 225. B_lev: 228 | | Above graves R and H | Lower parts of tibia have been excavated. Feet cut. Rest of body beneath western trench border. NOT LIFTED |
| AB | Grave? | | T26 | Fix: 137. T_lev: 239. T_lev: 242 | 50 cm | Below grave M | Large flat stones underneath the head end of grave M. Not excavated further. Kept for next excavation |
| AC | Grave | X188 (skeleton) | T26 | | | Below grave H | Beneath right femur of grave H. Not further excavated. NOT LIFTED. |
| AD | Grave? | X192(part of skeleton) | T27 | Fix: 137. T_lev: 231. B_lev: 241 | | Below grave V. Above grave W | Found and excavated in a hurry the last day. Articulated bones of right elbow, forearm, hand and pelvis but severely disturbed by other graves. Right on top of grave W and right beneath grave V – pelvic to pelvic. |

Appendix C: Plans

All plans are available in digital format from both the Greenland National Museum & Archives and the Danish National Museum.

| Drawing number | Scale | Type (plan/profile) | Context/location | Description |
|----------------|-------|---------------------|--------------------------------|------------------|
| T20 | 1:20 | Overview | Entire trench – various levels | Working sketch |
| T21 | 1:10 | Plan - detail | Heap N, Grave D, | Feature drawings |
| T22 | 1:10 | Plan - detail | Graves J, K, P, Q, O, L | Feature drawings |

| | | | | |
|-----|------|---------------|------------------------------------|------------------|
| T23 | 1:10 | Plan - detail | Grave G. Grave S. Grave M | Feature drawings |
| T24 | 1:10 | Plan - detail | Heap T. Grave I. Graves X and Y | Feature drawings |
| T25 | 1:10 | Plan - detail | Grave Z. Grave V | Feature drawings |
| T26 | 1:10 | Plan - detail | Graves H, R, AA and AC. Feature AB | Feature drawings |
| T27 | 1:10 | Plan - detail | Graves W and AD | Feature drawings |

Appendix D: Photo log

All photos are available in digital format from both the Greenland National Museum & Archives and the Danish National Museum.

| Number | Photo # | Motif | Plan # | Date | Comments |
|--------|----------|---|--------|------------|-------------------------------------|
| 1 | 100-0002 | RDO driving ATV, FR walking towards ruin | | 28.07.2021 | Getting equipment from storage |
| 2 | 100-0003 | RDO driving ATV, Frederikke walking towards ruin | | 28.07.2021 | Getting equipment from storage |
| 3 | 100-0004 | RDO on ATV by house | | 28.07.2021 | Getting equipment from storage |
| 4 | 100-0005 | Area of trench before turf removal | | 28.07.2021 | Seen from south |
| 5 | 100-0007 | Area of trench before turf removal | | 28.07.2021 | Seen from west |
| 6 | 100-0009 | Area of trench before turf removal | | 28.07.2021 | Seen from north |
| 7 | 100-0010 | FR removing turf in southern part of trench | | 28.07.2021 | Working image – seen from east |
| 8 | 100-0012 | FR and RDO remove turf | | 28.07.2021 | Working image – seen from south |
| 9 | 100-0014 | Trench with turf partly removed | | 28.07.2021 | Seen from south |
| 10 | 100-0015 | Trench with turf removed except in SE corner | | 28.07.2021 | Seen from south |
| 11 | 100-0016 | Trench with turf removed except in SE corner | | 28.07.2021 | Seen from south |
| 12 | 100-0018 | RDO taking picture of trench | | 28.07.2021 | Working image – seen from east |
| 13 | 100-0019 | Trench with turf removed except in SE corner | | 28.07.2021 | Seen from north |
| 14 | 100-0001 | RDO and DDP find plastic in bottom of 2019 in SW corner | | 29.07.2021 | Working image – seen from southwest |
| 15 | 100-0002 | Plastic from SW corner of 2019 trench | | 29.07.2021 | Seen from southwest |

| | | | | | |
|----|----------|--|--|------------|-------------------------------------|
| 16 | 100-0004 | Plastic from SW corner of 2019 trench – close up | | 29.07.2021 | Seen from south |
| 17 | 100-0005 | FR and RDO working in SW corner of 2019 trench | | 29.07.2021 | Working image – seen from south |
| 18 | 100-0006 | FR work in SW corner of 2019 trench | | 29.07.2021 | Working image – seen from east |
| 19 | 100-0008 | Bottom of SW corner of 2019 trench | | 29.07.2021 | Seen from east |
| 20 | 100-0009 | RDO and DDP work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from southwest |
| 21 | 100-0010 | RDO and DDP work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from north |
| 22 | 100-0011 | RDO and DDP work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from east |
| 23 | 100-0012 | RDO in southern part of 2019 trench | | 29.07.2021 | Working image – seen from northeast |
| 24 | 100-0013 | RDO work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from south |
| 25 | 100-0014 | Plastic in SW corner of bottom of 2019 trench | | 29.07.2021 | Seen from north |
| 26 | 100-0017 | RDO work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from south |
| 27 | 100-0018 | FR and RDO work in southern part of 2019 trench | | 29.07.2021 | Working image – seen from north |
| 28 | 100-0001 | Berit, Helle and RDO, DDP remove soil in 2019 trench | | 30.07.2021 | Working image – seen from southwest |
| 29 | 100-0002 | Berit, Helle and DDP remove soil in NE corner | | 30.07.2021 | Working image – seen from south |
| 30 | 100-0003 | Berit, Helle and DDP remove soil in NE corner | | 30.07.2021 | Working image – seen from north |
| 31 | 100-0004 | Berit, Helle and DDP remove soil in NE corner | | 30.07.2021 | Working image – seen from north |
| 32 | 100-0005 | Soil removed in 2019 trench | | 30.07.2021 | Seen from north |
| 33 | 100-0006 | Soil removed in 2019 trench | | 30.07.2021 | Seen from south |
| 34 | 100-0008 | Excavation team with Berit and Helle | | 30.07.2021 | Seen from west |
| 35 | 100-0009 | Excavation team with Berit and Helle | | 30.07.2021 | Seen from west |
| 36 | 100-0010 | Bottom of northern part of 2019 trench | | 31.07.2021 | Seen from north |
| 37 | 100-0021 | Bottom of southern part of 2019 trench | | 31.07.2021 | Seen from west |
| 38 | 100-0022 | Graves D and G and heap E | | 31.07.2021 | Seen from east |

| | | | | | |
|----|----------|--|----|------------|--|
| 39 | 100-0023 | Anna and Suuluaraq | | 31.07.2021 | Working image – seen from north |
| 40 | 100-0024 | Anna in trench | | 31.07.2021 | Working image – seen from west |
| 41 | 100-0026 | X105 – loose bone | T1 | 31.07.2021 | Seen from south |
| 42 | 100-0027 | Anna and DDP in trench | | 31.07.2021 | Working image – seen from south |
| 43 | 100-0031 | Charcoal layer by skeleton X108 | | 31.07.2021 | Seen from south |
| 44 | 100-0033 | Charcoal layer by skeleton X108 | | 31.07.2021 | Seen from east |
| 45 | 100-0035 | Charcoal layer by skeleton X108 | | 31.07.2021 | Seen from east |
| 46 | 100-0001 | X115 loose bones incl. board and measure | T1 | 02.08.2021 | Seen from south |
| 47 | 100-0002 | X115 loose bones | T1 | 02.08.2021 | Seen from south |
| 48 | 100-0003 | X115 loose bones | T1 | 02.08.2021 | X115 after first lift before second lift |
| 49 | 100-0004 | Anna and FR in trench | | 02.08.2021 | Working image – seen from south |
| 50 | 100-0006 | RDO on ATV | | 02.08.2021 | Working image – seen from south |
| 51 | 100-0007 | Anna and FR in trench | | 02.08.2021 | Working image – seen from south |
| 52 | 100-0009 | Grave H, X108 lower body. Incl. board and measure | | 02.08.2021 | Seen from south |
| 53 | 100-0010 | Grave H, X108, Grave I. incl. Board and measure | | 02.08.2021 | Seen from east |
| 54 | 100-0012 | Grave H, X108, Grave I | | 02.08.2021 | Seen from south |
| 55 | 100-0013 | Grave H, X108. Close up of charcoal by knee joint. | | 02.08.2021 | Seen from east |
| 56 | 100-0014 | Grave J, X116. incl. Board and measure | | 02.08.2021 | Seen from east |
| 57 | 100-0015 | Grave J, X116. incl. Board and measure | | 02.08.2021 | Seen from west |
| 58 | 100-0016 | Grave J, X116 | | 02.08.2021 | Seen from north |
| 59 | 100-0017 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 60 | 100-0018 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 61 | 100-0019 | Grave I, X118 | | 02.08.2021 | Seen from south |

| | | | | | |
|----|----------|--|----|------------|--|
| 62 | 100-0020 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 63 | 100-0021 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 64 | 100-0022 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 65 | 100-0023 | Grave I, X118 | | 02.08.2021 | Seen from south |
| 66 | 100-0024 | X115 incl. Board and measure. | | 02.08.2021 | Seen from south. After second lift before third lift |
| 67 | 100-0025 | X115 | | 02.08.2021 | Seen from south. After second lift before third lift |
| 68 | 100-0001 | Grave K, X123 incl. Board and measure | | 03.08.2021 | Seen from east |
| 69 | 100-0002 | Grave K, X123 | | 03.08.2021 | Seen from east |
| 70 | 100-0004 | Grave L eastern end | | 03.08.2021 | Seen from south |
| 71 | 100-0005 | Grave L western end | | 03.08.2021 | Seen from south |
| 72 | 100-0006 | Grave L | | 03.08.2021 | Seen from south |
| 73 | 100-0007 | X115. Heap, loose bones. incl. Board and measure | | 03.08.2021 | Seen from south. After third lift before fourth lift |
| 74 | 100-0008 | X115. Heap, loose bones. | | 03.08.2021 | Seen from south. After third lift before fourth lift |
| 75 | 100-0009 | Grave M, X128. incl. Board and measure | | 03.08.2021 | Seen from east. Lower legs in grave M |
| 76 | 100-0010 | Grave M, X128. incl. Board and measure | | 03.08.2021 | Seen from east. Lower legs in grave M |
| 77 | 100-0011 | Grave M, X128 | | 03.08.2021 | Seen from east |
| 78 | 100-0012 | Grave fill in grave H | | 03.08.2021 | Seen from south |
| 79 | 100-0013 | Grave fill in grave H | | 03.08.2021 | Seen from south |
| 80 | 100-0014 | Grave fill in grave H | | 03.08.2021 | Seen from south |
| 81 | 100-0015 | Grave D and G. incl. Board and measure | | 03.08.2021 | |
| 82 | 100-0016 | Grave D and G. incl. Board and measure | | 03.08.2021 | |
| 83 | 100-0017 | Grave D and G | | 03.08.2021 | |
| 84 | 100-0001 | Heap N. incl. Board and measure | T2 | 04.08.2021 | Seen from south |

| | | | | | |
|-----|----------|---|----|------------|-------------------------------------|
| 85 | 100-0002 | Heap N. incl. Board and measure | T2 | 04.08.2021 | Seen from south |
| 86 | 100-0003 | Heap N | T2 | 04.08.2021 | Seen from south |
| 87 | 100-0004 | Heap N | T2 | 04.08.2021 | Seen from south |
| 88 | 100-0005 | Grave D and G | | 04.08.2021 | Working image - Seen from west |
| 89 | 100-0006 | Grave D and G | | 04.08.2021 | Working image - Seen from west |
| 90 | 100-0007 | Grave D and G | | 04.08.2021 | Working image - Seen from west |
| 91 | 100-0009 | Grave east of grave K | | 04.08.2021 | Working image – seen from northwest |
| 92 | 100-0010 | PSH soil drilling | | 04.08.2021 | Working image |
| 93 | 100-0011 | PSH soil drilling | | 04.08.2021 | Working image |
| 94 | 100-0012 | PSH soil drilling | | 04.08.2021 | Working image |
| 95 | 100-0013 | Grave O, X132. incl. Board and measure | | 04.08.2021 | Seen from south |
| 96 | 100-0014 | Grave O, X132 | | 04.08.2021 | Seen from south |
| 97 | 100-0015 | Grave D, X49. incl. Board and measure. Eastern end stone setting? | | 04.08.2021 | Seen from south |
| 98 | 100-0016 | Grave D, X49 Eastern end stone setting? | | 04.08.2021 | Seen from south |
| 99 | 100-0017 | Grave D, X49. Turf with bone piece | | 04.08.2021 | Seen from west |
| 100 | 100-0018 | Grave D, X49. incl. Board and measure | | 04.08.2021 | Seen from south |
| 101 | 100-0019 | Grave D, X49 | | 04.08.2021 | Seen from south |
| 102 | 100-0020 | Heap N | | 04.08.2021 | Seen from south |
| 103 | 100-0021 | Heap N | | 04.08.2021 | Seen from south |
| 104 | 100-0022 | Heap N | | 04.08.2021 | Seen from south |
| 105 | 100-0023 | Grave fill - cut clear grave P, X133 | | 04.08.2021 | Seen from east |
| 106 | 100-0024 | Grave fill - cut clear grave P, X133 | | 04.08.2021 | Seen from east |
| 107 | 100-0001 | X136 grave in heap N? | | 05.08.2021 | Seen from south |

| | | | | | |
|-----|----------|---|----|------------|--|
| 108 | 100-0002 | X136 grave in heap N? | | 05.08.2021 | Seen from south |
| 109 | 100-0003 | Graves K, O, P and Q in NW corner of trench | | 05.08.2021 | Seen from east |
| 110 | 100-0004 | Graves K, O, P and Q in NW corner of trench | | 05.08.2021 | Seen from east |
| 111 | 100-0005 | Graves K, O, P and Q in NW corner of trench | | 05.08.2021 | Seen from east |
| 112 | 100-0006 | Graves K, O, P and Q in NW corner of trench | | 05.08.2021 | Seen from east |
| 113 | 100-0009 | Bone in heap N | | 05.08.2021 | Seen from south |
| 114 | 100-0010 | Bone in heap N | | 05.08.2021 | Seen from south |
| 115 | 100-0011 | Stripe of charcoal – connection to charcoal in grave H? | | 05.08.2021 | Seen from south. Stripe in left side photo |
| 116 | 100-0012 | Stripe of charcoal – connection to charcoal in grave H? | | 05.08.2021 | Seen from south. Stripe in left side photo |
| 117 | 100-0013 | Stripe of charcoal – connection to charcoal in grave H? | | 05.08.2021 | Seen from south. Stripe in left side photo |
| 118 | 100-0014 | Grave G, X135. incl. Board and measure | | 05.08.2021 | Seen from south |
| 119 | 100-0015 | Grave G, X135. incl. Board and measure | | 05.08.2021 | Seen from south |
| 120 | 100-0016 | Grave G, X135 | | 05.08.2021 | Seen from south |
| 121 | 100-0017 | X144 above grave Q. incl. Board and measure | T3 | 05.08.2021 | Seen from east |
| 122 | 100-0018 | X144 above grave Q | T3 | 05.08.2021 | Seen from east |
| 123 | 100-0021 | FR, RDO, ABG, ABO, AMRJ, BO birthday dinner BO | | 05.08.2021 | BO birthday |
| 124 | 100-0022 | Cake with flags | | 05.08.2021 | BO birthday |
| 125 | 100-0026 | Cake with flags | | 05.08.2021 | BO birthday |
| 126 | 100-0001 | Bones for drying on tarp | | 06.08.2021 | Working image |
| 127 | 100-0002 | Bones for drying on tarp | | 06.08.2021 | Working image |
| 128 | 100-0003 | Bones for drying on tarp | | 06.08.2021 | Working image |
| 129 | 100-0004 | Grave P, X133. incl. Board and measure | | 06.08.2021 | Seen from east |
| 130 | 100-0005 | Grave P, X133. incl. Board and measure | | 06.08.2021 | Seen from east |

| | | | | | |
|-----|----------|---|--|------------|---------------------|
| 131 | 100-0006 | Grave P, X133 | | 06.08.2021 | Seen from east |
| 132 | 100-0007 | Grave S, X150. incl. Board and measure | | 06.08.2021 | Seen from south |
| 133 | 100-0008 | Grave S, X150 | | 06.08.2021 | Seen from south |
| 134 | 100-0009 | Heap T | | 06.08.2021 | Seen from east |
| 135 | 100-0010 | Heap T | | 06.08.2021 | Seen from east |
| 136 | 100-0011 | Heap T | | 06.08.2021 | Seen from east |
| 137 | 100-0012 | Heap T | | 06.08.2021 | Seen from east |
| 138 | 100-0013 | Heap T | | 06.08.2021 | Seen from east |
| 139 | 100-0014 | Heap T | | 06.08.2021 | Seen from east |
| 140 | 100-0001 | Cleaning trench for GPS measure. GPS measure | | 07.08.2021 | Seen from west |
| 141 | 100-0002 | Cleaning trench for GPS measure. GPS measure | | 07.08.2021 | Seen from northwest |
| 142 | 100-0003 | Tripods | | 07.08.2021 | Seen from east |
| 143 | 100-0004 | Cleaning trench before drone picture | | 07.08.2021 | Seen from south |
| 144 | 100-0005 | Flying drone (David) | | 07.08.2021 | Seen from southeast |
| 145 | 100-0007 | Flying drone (David) | | 07.08.2021 | Seen from south |
| 146 | 100-0008 | Coffee break | | 07.08.2021 | Seen from west |
| 147 | 100-0009 | GPS measure | | 07.08.2021 | Seen from south |
| 148 | 100-0010 | Suuluaraq cutting grass | | 07.08.2021 | Seen from north |
| 149 | 100-0011 | Setting up tarp covers and working under tarp | | 07.08.2021 | Working image |
| 150 | 100-0012 | Setting up tarp covers and working under tarp | | 07.08.2021 | Working image |
| 151 | 100-0013 | Setting up tarp covers and working under tarp | | 07.08.2021 | Working image |
| 152 | 100-0014 | Setting up tarp covers and working under tarp | | 07.08.2021 | Working image |
| 153 | 100-0016 | Graves I and U. Heap T | | 07.08.2021 | Seen from south |

| | | | | | |
|-----|----------|--|--|------------|---------------------|
| 154 | 100-0017 | Graves I and U. Heap T | | 07.08.2021 | Seen from south |
| 155 | 100-0023 | Close up skull in grave U. incl. Board and measure | | 07.08.2021 | Seen from south |
| 156 | 100-0024 | Close up skull in grave U | | 07.08.2021 | Seen from south |
| 157 | 100-0001 | Grave X and Y. incl. Board and measure | | 08.08.2021 | Seen from south |
| 158 | 100-0002 | Grave X and Y. | | 08.08.2021 | Seen from south |
| 159 | 100-0003 | Grave M, X128 | | 08.08.2021 | Seen from south |
| 160 | 100-0004 | FR | | 08.08.2021 | Working image |
| 161 | 100-0005 | ABO | | 08.08.2021 | Working image |
| 162 | 100-0006 | DDP | | 08.08.2021 | Working image |
| 163 | 100-0007 | Grave M, X128. . incl. Board and measure | | 08.08.2021 | Seen from south |
| 164 | 100-0008 | Grave M, X128 | | 08.08.2021 | Seen from south |
| 165 | 100-0009 | Grave M, X128 | | 08.08.2021 | Seen from east |
| 166 | 100-0010 | Grave M, X128. Femora, knee and tibiae | | 08.08.2021 | Seen from north |
| 167 | 100-0011 | Grave M, X128. Tibiae | | 08.08.2021 | Seen from north |
| 168 | 100-0012 | Grave M, X128. Knee joint right side | | 08.08.2021 | Seen from northeast |
| 169 | 100-0013 | Grave M, X128. Right plank | | 08.08.2021 | Close up |
| 170 | 100-0014 | Grave M, X128. Skull | | 08.08.2021 | Seen from west |
| 171 | 100-0015 | Grave M, X128. Skull | | 08.08.2021 | Close up |
| 172 | 100-0016 | Grave M, X128. Upper body | | 08.08.2021 | Seen from north |
| 173 | 100-0001 | Grave X, X160. incl. Board and measure | | 09.08.2021 | Seen from east |
| 174 | 100-0002 | Grave X, X160. | | 09.08.2021 | Seen from east |
| 175 | 100-0003 | Grave M, X128. incl. Board and measure | | 09.08.2021 | Seen from east |
| 176 | 100-0004 | Grave M, X128 | | 09.08.2021 | Seen from east |

| | | | | | |
|-----|----------|---|--|------------|-----------------|
| 177 | 100-0005 | Grave V, X158, Grave W, X159. incl. Board and measure | | 09.08.2021 | Seen from south |
| 178 | 100-0007 | SBO and BO with bird | | 09.08.2021 | Working image |
| 179 | 100-0008 | ABO, BO, RDO with bird | | 09.08.2021 | Working image |
| 180 | 100-0009 | Grave V, X158. Grave W, X159 | | 09.08.2021 | Seen from east |
| 181 | 100-0011 | Grave Z, X171. incl. Board and measure | | 09.08.2021 | Seen from south |
| 182 | 100-0016 | FR, RDO with bird | | 09.08.2021 | Working image |
| 183 | 100-0017 | FR, RDO with bird | | 09.08.2021 | Working image |
| 184 | 100-0018 | Grave Z, X171 | | 09.08.2021 | Seen from south |
| 185 | 100-0019 | Christian with bird | | 09.08.2021 | Working image |
| 186 | 100-0020 | Christian with bird | | 09.08.2021 | Working image |
| 187 | 100-0021 | Team photo | | 09.08.2021 | Working image |
| 188 | 100-0022 | Team photo | | 09.08.2021 | Working image |
| 189 | 100-0023 | Team photo | | 09.08.2021 | Working image |
| 190 | 100-0024 | Team photo | | 09.08.2021 | Working image |
| 191 | 100-0025 | Team photo | | 09.08.2021 | Working image |
| 192 | 100-0026 | Team photo | | 09.08.2021 | Working image |
| 193 | 100-0027 | Team photo | | 09.08.2021 | Working image |
| 194 | 100-0028 | Team photo | | 09.08.2021 | Working image |
| 195 | 100-0029 | Team photo | | 09.08.2021 | Working image |
| 196 | 100-0030 | Team photo | | 09.08.2021 | Working image |
| 197 | 100-0031 | Team photo | | 09.08.2021 | Working image |
| 198 | 100-0032 | Team photo | | 09.08.2021 | Working image |
| 199 | 100-0033 | Grave H and R | | 09.08.2021 | Seen from south |

| | | | | | |
|-----|----------|---|--|------------|--------------------------------|
| 200 | 100-0034 | Grave H and R | | 09.08.2021 | Seen from south |
| 201 | 100-0035 | Grave H and R | | 09.08.2021 | Seen from south |
| 202 | 100-0036 | Grave H and R | | 09.08.2021 | Seen from south |
| 203 | 100-0037 | AAH south team photo | | 09.08.2021 | Dinner |
| 204 | 100-0038 | AAH south team photo | | 09.08.2021 | Dinner |
| 205 | 100-0039 | AAH south team photo | | 09.08.2021 | Dinner |
| 206 | 100-0040 | AAH south team photo | | 09.08.2021 | Dinner |
| 207 | 100-0041 | AAH south team photo | | 09.08.2021 | Dinner |
| 208 | 100-0042 | AAH south team photo | | 09.08.2021 | Dinner |
| 209 | 100-0043 | AAH south team photo | | 09.08.2021 | Dinner |
| 210 | 100-0044 | AAH south team photo | | 09.08.2021 | Dinner |
| 211 | 100-0001 | Feature AB. Stones beneath west end of grave M | | 10.08.2021 | Seen from east |
| 212 | 100-0002 | Feature AB. Stones beneath west end of grave M | | 10.08.2021 | Seen from south |
| 213 | 100-0004 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 214 | 100-0005 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 215 | 100-0006 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 216 | 100-0007 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 217 | 100-0008 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 218 | 100-0009 | Grave H, X108 | | 10.08.2021 | Seen from south |
| 219 | 100-0010 | Grave V and the grave beneath | | 10.08.2021 | Working image – seen from east |
| 220 | 100-0011 | Grave V and the grave beneath | | 10.08.2021 | Working image – seen from east |
| 221 | 100-0012 | Profile grave W – layers as if grave was open for a while | | 10.08.2021 | Seen from south |
| 223 | 100-0013 | Profile grave W – layers as if grave was open for a while | | 10.08.2021 | Seen from south |

| | | | | | |
|-----|----------|--|--|------------|-----------------|
| 224 | 100-0014 | Grave W, X159. incl. Board and measure | | 10.08.2021 | Seen from north |
| 225 | 100-0015 | Grave W, X159. incl. Board and measure | | 10.08.2021 | Seen from east |
| 226 | 100-0016 | Grave W, X159 | | 10.08.2021 | Seen from east |
| 227 | 100-0017 | Closing the excavation | | 10.08.2021 | Working image |
| 228 | 100-0018 | The location of the fix stone | | 10.08.2021 | Working image |
| 229 | 100-0019 | Fix stone | | 10.08.2021 | Working image |
| 230 | 100-0020 | Fix stone | | 10.08.2021 | Working image |
| 231 | 100-0021 | Closing the excavation | | 10.08.2021 | Working image |
| 232 | 100-0022 | Closing the excavation | | 10.08.2021 | Working image |
| 233 | 100-0023 | Closing the excavation | | 10.08.2021 | Working image |
| 234 | 100-0024 | Closing the excavation | | 10.08.2021 | Working image |
| 235 | 100-0025 | Closing the excavation | | 10.08.2021 | Working image |
| 236 | 100-0026 | Closing the excavation | | 10.08.2021 | Working image |
| 237 | 100-0027 | Closing the excavation | | 10.08.2021 | Working image |
| 238 | 100-0028 | Closing the excavation | | 10.08.2021 | Working image |
| 239 | 100-0029 | Closing the excavation | | 10.08.2021 | Working image |
| 240 | 100-0030 | Closing the excavation | | 10.08.2021 | Working image |
| 241 | 100-0031 | Closing the excavation | | 10.08.2021 | Working image |
| 242 | 100-0032 | Closing the excavation | | 10.08.2021 | Working image |
| 243 | 100-0033 | Closing the excavation | | 10.08.2021 | Working image |

Appendix E: Samples

| Sample number | X-nummer | Context | Sample type | Amount (ltr, weight etc.) | Initials | Date |
|---------------|----------|---------|-------------|---------------------------|----------|------|
|---------------|----------|---------|-------------|---------------------------|----------|------|

| | | | | | | |
|-----|------|---------|--|-----------------------------------|-----------|------------|
| S1 | X49 | Grave D | Soil sample | C. 2L left lung region | RDO | 03.08.2021 |
| S2 | X49 | Grave D | Soil sample | c. 800 g skull region | RDO | 03.08.2021 |
| S3 | X49 | Grave D | Soil sample | Small glass left lung region | RDO | 03.08.2021 |
| S4 | X133 | Grave P | Soil sample | Two bags beneath skull | DDP | 07.08.2021 |
| S5 | X128 | Grave M | Coffin wood between femora | 12*8 cm | DDP | 09.08.2021 |
| S6 | X128 | Grave M | Coffin wood southern side | 4*4 cm | DDP | 09.08.2021 |
| S7 | X128 | Grave M | Coffin wood eastern (foot) end | c. 4*4 cm | DDP | 09.08.2021 |
| S8 | X128 | Grave M | Coffin wood above left femur | | DDP | 09.08.2021 |
| S9 | X128 | Grave M | Coffin wood western (skull) end | | DDP | 09.08.2021 |
| S10 | X128 | Grave M | Soil sample | Small bag under skull | DDP | 09.08.2021 |
| S11 | X128 | Grave M | Soil sample | Small bag gastrointestinal region | DDP | 09.08.2021 |
| S12 | X145 | Grave R | Soil sample - charcoal layer in grave | | ABO/FR | 10.08.2021 |
| S13 | X137 | Grave Q | Soil sample from red iron-containing clay silt | 300 g | CJE (RDO) | 10.08.2021 |

Appendix F: Skeletal data, primary individuals in graves

| Grave | X number | Quantitative preservation | Qualitative preservation | Sex | Age minimum | Age maximum | Age midpoint |
|-------|----------|---------------------------|--------------------------|-----|-------------|-------------|--------------|
| D | 49 | 2 | 2 | M | 28 | 40 | 34 |
| G | 135 | 2 | 2 | M | 55 | 70 | 62,5 |
| H | 108 | 2 | 2 | M | 30 | 40 | 35 |
| I | 118 | 2 | 3 | F? | 50 | 70 | 60 |
| M | 128 | 2 | 3 | M | 44 | 56 | 50 |
| P | 133 | 3 | 3 | M | 55 | 75 | 65 |
| Q | 137 | 2 | 2 | M | 38 | 50 | 44 |
| R | 145 | 3 | 2 | M | 48 | 68 | 58 |

| | | | | | | | |
|----|-----|---|---|----|----|----|------|
| S | 150 | 3 | 3 | U | 18 | 60 | 41 |
| V | 158 | 1 | 2 | M | 55 | 65 | 60 |
| W | 159 | 2 | 1 | M | 52 | 64 | 58 |
| X | 160 | 3 | 3 | F? | 25 | 50 | 37,5 |
| Y | 161 | 3 | 3 | F? | 35 | 45 | 40 |
| Z | 176 | 2 | 3 | F? | 35 | 50 | 42,5 |
| AD | 192 | 3 | 1 | M? | 38 | 48 | 43 |

Appendix G: Skeletal data, secondary individuals

| Feature | X number | Context | Sex | Age minimum | Age maximum |
|---------|----------|-----------|-----|-------------|-------------|
| E | 115 | Bone heap | M | 45 | 70 |
| E | 115 | Bone heap | F | 35 | 65 |
| E | 115 | Bone heap | M? | 30 | 60 |
| E | 105 | Bone heap | | | ? |
| N | 131 | Bone heap | M | 50 | 80 |
| N | 131 | Bone heap | F? | 15 | 25 |
| N | 131 | Bone heap | M | 25 | 40 |
| N | 131 | Bone heap | M? | 25 | 40 |
| N | 131 | Bone heap | M? | 30 | 50 |
| N | 136 | Bone heap | M? | 40 | 60 |
| N | 129 | Bone heap | U | 15 | 25 |
| T | 178 | Bone heap | F? | 45 | 70 |
| T | 178 | Bone heap | M | 40 | 70 |
| T | 151 | Bone heap | ?U | ? | ? |

| | | | | | |
|------------|-----|----------------------------|----|----|----|
| ? | 185 | Commingled without context | M | 20 | 60 |
| ? | 112 | Commingled without context | U | ? | ? |
| ? | 175 | Commingled without context | U | 20 | 40 |
| ? | 101 | Commingled without context | U | ? | ? |
| ? | 186 | Commingled without context | C | 5 | 7 |
| ? | 106 | Commingled without context | U | 20 | 35 |
| ? | 166 | Commingled without context | U | ? | ? |
| Section A1 | 107 | Commingled without context | U | ? | ? |
| Section A3 | 126 | Commingled without context | U | ? | ? |
| Section A1 | 127 | Commingled without context | U | ? | ? |
| J | 117 | Commingled in grave | U | ? | ? |
| G, X, Y? | 165 | Commingled in grave | U | ? | ? |
| Q | 144 | Commingled in grave | M? | 35 | 65 |
| R | 179 | Commingled in grave | U | 18 | 80 |
| V | 194 | Commingled in grave | U | 40 | 55 |
| V | 194 | Commingled in grave | M | 40 | 60 |
| V | 177 | Commingled in grave | M | 30 | 45 |
| V | 177 | Commingled in grave | U | 25 | 55 |
| V | 177 | Commingled in grave | U | 22 | 32 |
| V | 177 | Commingled in grave | U | 25 | 40 |

Appendix H: Grave recording sheets

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: DSkelet: 202209_1

Registrering af grav

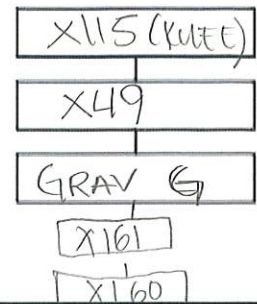
Henvielse til X-numre fra samme grav: X115

Digitalfotos:

S/H-fotos:

T-nr.: T2

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

+ JORDPRØVE MAKROFOSIL FRA LUNGE VENSTRE (S1)

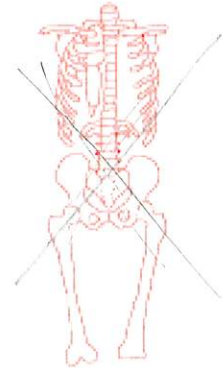
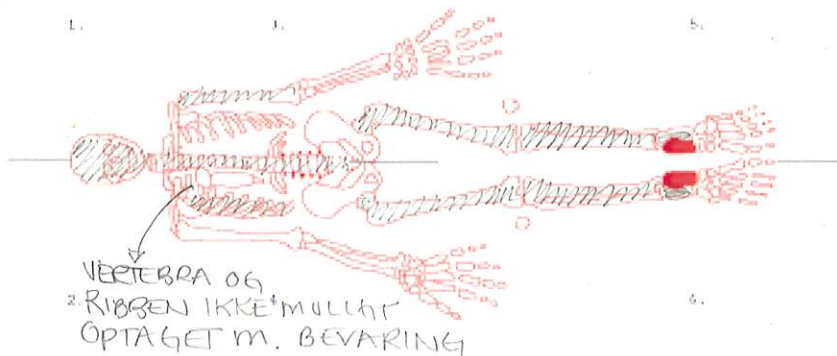
Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

DER ER FUNDET EN ANTYDNING AF STENSATS I FØDENDE AF GRAVEN. DER ER FUNDET MINDRE STYKKER AF TRÆKUL I GRAVEN SAMT TO-TRE STYKKER BRÆNDT KNØGLE. SKELETTET ER PLACERET UNDER HEAP FRA 2019, MEN OVEN PÅ INDIVID FRA GRAV G. KRANIERNE ER PLACERET TÆT OP OG NED AF HINANDEN. BEVARINGEN ER GENERELT SET DÅRLIG. DOG ER KRANIE UMIDDELBART FULD.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistløs Trækiste Stensat grav Muret grav Andet MULLIGVIS STENSAT OBSERVERET I FØDENDENedgravning: L (cm) B (cm) Topniv.: 23 Bundniv.: 235 Kiste: L (cm) B-øst (cm) B-vest (cm) ↓
KRANIE↓
FØDENDE

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hocker Andet Hoved i V-ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): 164cmHøjre lårben: 50cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

BEVARINGEN ER GENERELT DÅRLIG - BORTSET FRA KRANIE. TÆNDER SES MEGET SLIDTE MED MULLIG PARADONTOSE. FRA KRANIE ER VURDERING UMIDDELBART MAND I SEX. BÅDE KVALITET OG KVANTITET ER DÅRLIG.

Grav registreret d. 2019 af FIELDSCHOOLSkelet registreret d. 04.08.21 af RDO Skelet optaget d. af RDO/BOVejr: Regn

Registrering af grav

Henvisning til X-numre fra samme grav: X115, X139,

Digitalfotos:

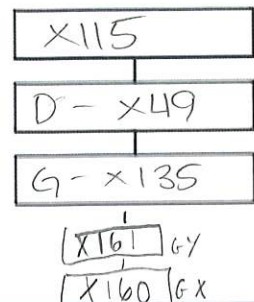
S/H-fotos:

T-nr.: T1, T4

Jordprøver: JORDPRØVE AF MAKROFOSSILER OMKRING KRANIE (52)

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5) TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10) MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Stratigrafi:



Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

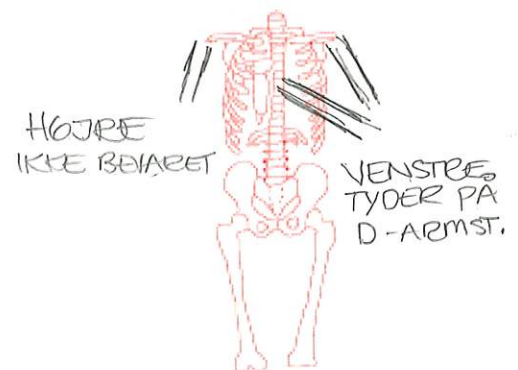
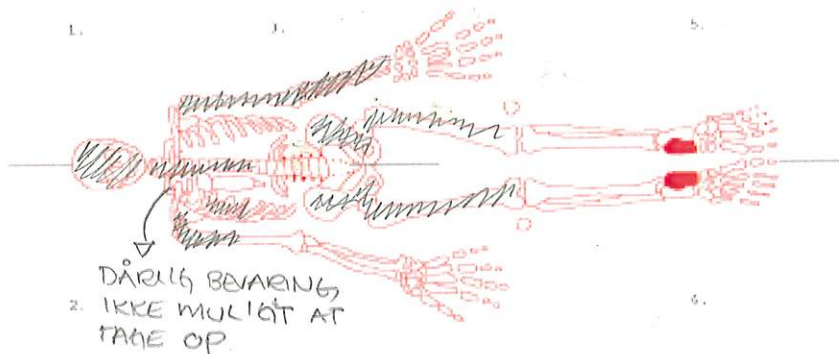
TRÆKUL ER TIL STEDE I GRAVEN. MINDRE STYKKER I FYLDET. SAMT ET STØRRE STYKKE VED VENSTRE HOFTEN. DER ER YDERLIGERE FUNDET SMÅ DYREKNOGLER (EN LGS EPIFYSE AF RNH). GRAVEN ER SKÅRET SÅ DER MÅKLER UNDERGEN.

DER VIRKER TIL AT KOMME YDERLIGERE EN-TO GRAVE UNDER INDIVID X135.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) B (cm) Topniv.: 250 Bundniv.: 290 Kiste: L (cm) B-øst (cm) B-vest (cm)

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hocker Andet Hoved i -ende af gravBevaring: Tom grav God Middelt Dårlig Længde fra isse til bund af talus (rød):

Højre lårben: 41 cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

BEVARING ER DÅRLIG. DET HAR IKKE RIGTIGT VÆRET MULLIGT AT TAGE MEGET BEVARET KNOGLE OP AF JORDEN. KRANIE ER MIDDLE BEVARET SAMT FEMUR. RESTEN AF SKELETET HAR VÆRET ANTYDNINGER I JORDEN. SAMT MEGET SAMMENPRESSED. GRAVEN ER SKÅRET VED UNDERBEN, SOM HERAF IKKE ER BEVARET.

INGEN UMIDDELBAR ALDER ELLER KØN ER ESTIMERET.

Grav registreret d. 2019 af FIELDSCHOOL

Skelet registreret d. 05.08.21 af RDO Skelet optaget d. 05.08.21 af RDO/BO

Vejr:



Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: H

Skelet: ~~X~~ 202209_1

Registrering af grav

Henvielse til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: T7 T1

Stratigrafi: GRAV AA
HEAP N

GRAV R

GRAV H

GRAV AC

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5) TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10) MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

UNDER BÆKKENET SAMME SORTE TRÆKULSLAG som i GRAV R. Kraniet i GRAV AC, x188, ligger (ej optaget) med højre femur gennem sig

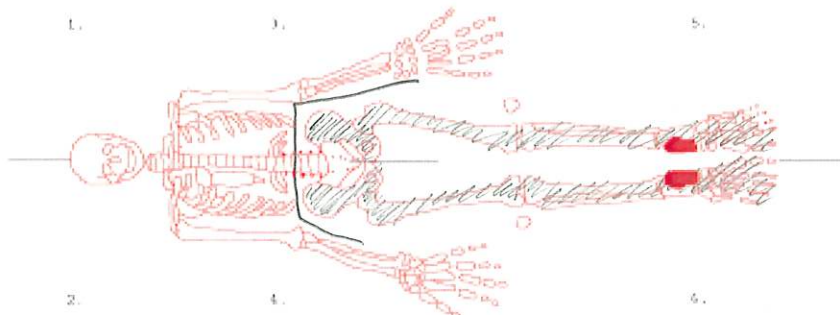
Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) / B (cm) / Topniv.: 239 Bundniv.: / Kiste: L (cm) / B-øst (cm) / B-vest (cm) /

FIX: 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet

Hoved i V-ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød):

Højre lårben:

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

Grav registreret d. 10/8-21 af FR

Skelet registreret d. 10/8-21 af FR

Skelet optaget d. 10/8-21 af FR

Vejr:

Registrering af grav

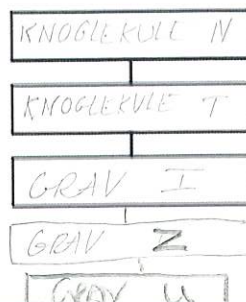
Henvisning til X-numre fra samme grav: X152, X153, X119, X120, X143

Digitalfotos:

S/H-fotos:

T-nr.: 15

Stratigrafi:



Jordprøver:

- TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

BEMÆNK REGISTRERET SÅVÆL GRAV I, DA DE PLEJER AT VÆRE GÅT I SAMMENS ÆR
 FØR UDEN EN KNOGLESKUL, N, OG REGISTRERET EN TÅLST. T
 SKÅRE HELE OVERKROPPEN PÅ HÆR HØJRE OVER OG UNDERARM, DER SJUN-
 AT VÆRE I EN B-ARMSTILLING. GRAVfyldET ER ALM. KIRKEGÅRDSJORD MED
 VIRKELIG MANGEL INKLUSIONER AF STORRE STUKKA TRÆKUL. IHDGRAVNINGEN
 IKKE SET.

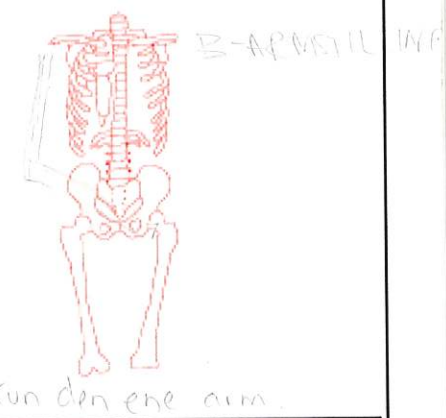
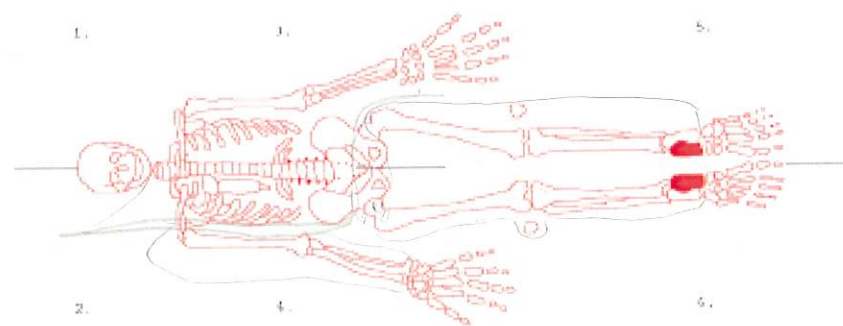
Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet

Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) B (cm) Topniv.: % Bundniv.: 237 147 Kiste: L (cm) B-øst (cm) B-vest (cm)

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellemeter for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



Skelettets stilling i graven: Front op Front ned Hocker Andet

Hoved i %-ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød):

Højre lårben: 46cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

MANGLER FØDDERNE. KØN OG ALDER KAN IKKE UMIDDELBART BESTEMMES.
 IHDGRAVNINGEN VARIERENDE FØR OVER IHD UNDERKØD, TAGE VISTENDE
 ER BEDST BEVARET (MED UDVALGTE AF FØDDERNE)

Grav registreret d. 8/8-21 af FR/ABO
 Skelet registreret d. 8/9/21 af FR/ABO Skelet optaget d. af

Vejr: overskyet
LCT VIVD

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: J

Skelet: 202209_1

Registrering af grav

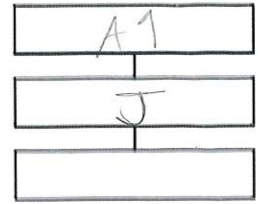
Henvielse til X-numre fra samme grav: X 117 (1. og 2. jord)

Digitalfotos:

S/H-fotos:

T-nr.: T3, T1

Stratigrafi:



Jordprøver:

- TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
- TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
- MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet

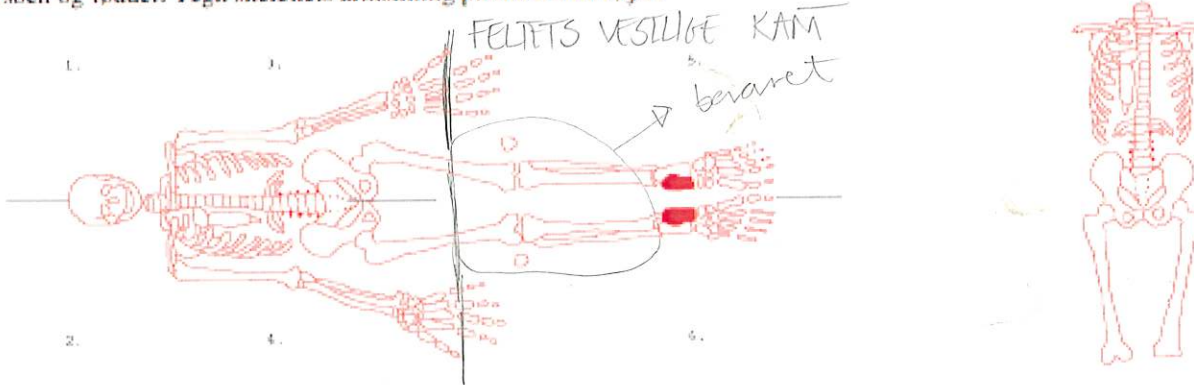
Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: _____ Bundniv.: 219 Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

FIX 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



Skelettets stilling i graven: Front op Front ned Hocker Andet

Hoved i V-ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød):

Højre lårben:

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

SKOLET ER OPTAGET DA OVERKROPPEN LIGER IND UNDER FELTETS KANT

Grav registreret d. 2/8-21 af AVG/DDP
Skelet registreret d. 2/5-21 af AVG/DDP Skelet optaget d. _____ af _____

Vejr: skyet sol

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: L

Skelet: 202209_1

Registrering af grav

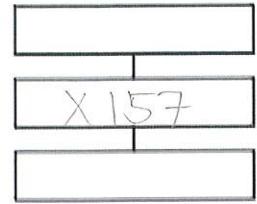
Henvielse til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: T1, T3

Stratigrafi:



Jordprøver:

- TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

IKKE UDGRAVET - LIGGER PÅ LANGS IND UNDER DEN NORDLIGE FELT-GRÆNSE. KUN PÅNDEBENET ER EKSPOSERET

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet

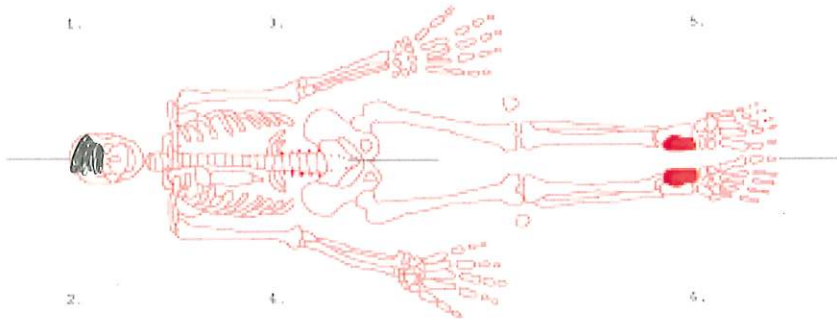
Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: 213 Bundniv.: _____ Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

FIX: 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



Skelettets stilling i graven: Front op Front ned Hocker Andet

Hoved i ___-ende af grav

Bevareelse: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød):

Højre lårben:

Beskrivelse (Bevareelse kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

EJ OPTAGET

Grav registreret d. 7/8-21 af JDDP

Skelet registreret d. _____ af _____ Skelet optaget d. _____ af _____

Vejr:

Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos: 100-0003/4

S/H-fotos:

T-nr.: T4

Stratigrafi:

| |
|-------|
| X 150 |
| X 128 |
| |

Jordprøver:

- TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)
 55, 56, 57, 58, 59, 510

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

I GRAV M FINDER MAN TRÆ DER INDIKERER TIL TRÆKISTE.
 Blånker i siden under bund og læg, bedst bevaret træ er ved siden af syd øst siden, sy
 kan ikke erkende nedgravning til kisten.
 der har været trakul, der er spredt rund om bryst regionen.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet

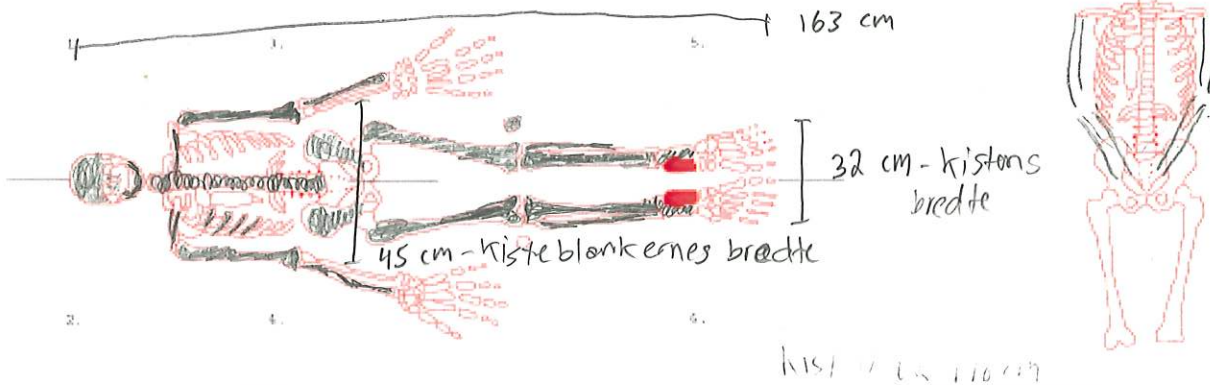
Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: _____ Bundniv.: 241 Kiste: L (cm) 178 B-øst (cm) 32 B-vest (cm) _____

Fix: 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



Skelettets stilling i graven: Front op Front ned Hocker Andet

Hoved i -ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød): 163 cm

Højre lårben: 42 cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

Skelettet er intakt, men meget knust.

voksen individ, sandsynligvis en mand som knoglerne indikerer, og vurderet ud fra køben

Grav registreret d. 03.08.21 af BO

Skelet registreret d. _____ af _____ Skelet optaget d. _____ af _____

Vejr:

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: P

Skelet: 202209_1

Registrering af grav

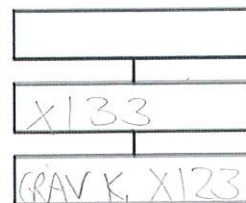
Henvielse til X-numre fra samme grav:

Digitalfotos: 100-0004-6

S/H-fotos:

T-nr.: T3

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

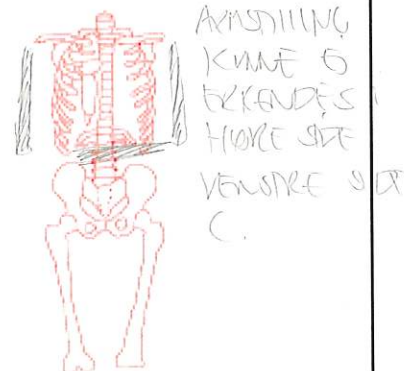
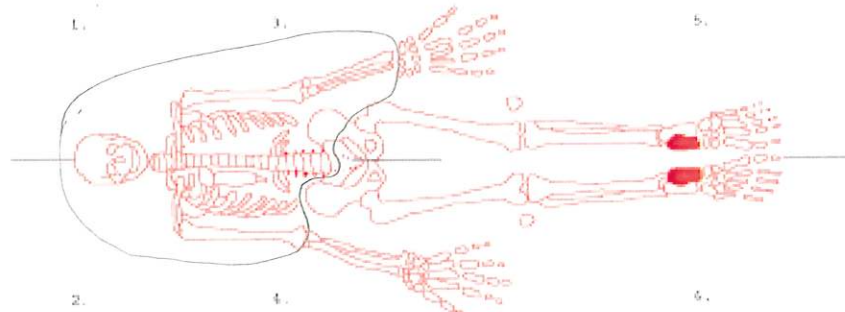
GRAVfyld MED LIDT TRÆKUL, AFGRÆNSNING MOD SYD KAN ES ERKENDES
 AFGRÆNSNING MOD NORD TYDELIIG (LYST SÅVÆT UMBEGRUND?)
 GRAVEN SKÆRER GRAV K MOD VEST, HVOR DE YDERSTE LED AF FØDDERNE
 ER KØRNET, ER SKÆRET FRA BÆKKENOMRÅDET OG MED

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: _____ Bundniv.: _____ Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet

Hoved i V-ende af grav

Bevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): _____

Højre lårben: _____

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

DÅRLIG BEVAREDE KNØKLER. KRANET ER KNUST OG DE FLATE KNØKLER
 LIGER SPREDT. UMBRYKTBEN ER UFORSTYRST.
 MÅSKULIN KÆBE OG KRAFTIGE HUMERI, SÅ SANDSNOLIGT EN MAND.

Grav registreret d. 1/8-21 af DDP

Skelet registreret d. 7/8-21 af DDP

Skelet optaget d. 7/8-21 af DDP

Vejr: solrigt
let skyet

Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: T3

Stratigrafi:

GRAV W, X159

X137

GRAV P, X133

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

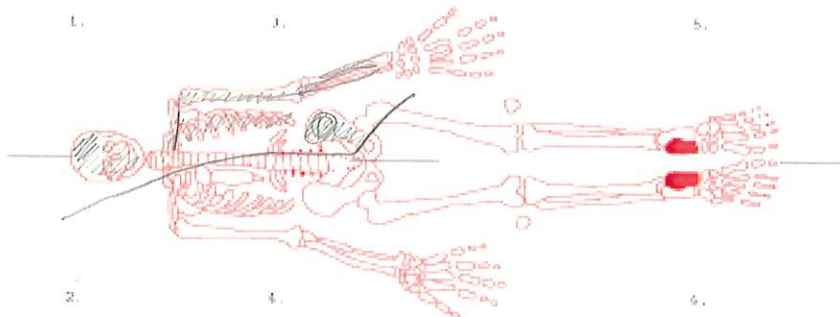
GRAVEN ER SKÆRET MIDT Gennem TURSD OG BÆKKEN af MAJBLER
 UNDERBENENE.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) B (cm) Topniv.: 226 Bundniv.: 244 Kiste: L (cm) B-øst (cm) B-vest (cm)

PIX 145

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet Hoved i V-ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): Højre lårben:

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

FINT BEVARET SKELET DUG SKÆRET AF ANDRE GRAVE MOD SYD OG
 MOD ØST.

MASKULIN KÆBE - SAMSYMLIGT EN MAND
 SLIKTE TÆNPER.

Grav registreret d. 6/8-21 af AVGSkelet registreret d. 11/8-21 af DDP Skelet optaget d. 10/8- af RDD

gravning EB
 Vejr: Ø
 ØRAB ☀

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: R

Skelet: 202209_1

Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: T7

Stratigrafi: GRAVE AA

KULE N

GRAV R

GRAV H

Jordprøver: S12 - Trækulslag i grav

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5) TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10) MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

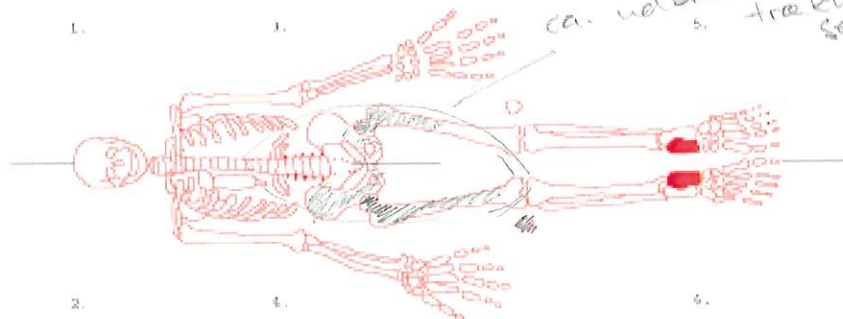
Graven ligger lige over Grav H, således at benknoglerne flugter med hinanden. Fra toppen af underbenene i Grav H og østover i langoval form, som forsvinder efter ca. 60 cm. Trækulslaget er meget fint og indeholder næsten ingen stykker af trækul. Det varierer i tykkelse fra få millimeter til 1-2 cm enkelte steder. Lagets niveau varierer, med flere centimeter, og har enkelte steder en øst form som en nedgravning. Det ligger under knoglerne i Grav R, men enkelte steder også i tynde lag over disse.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) _____ B (cm) _____ Topniv.: 222 Bundniv.: 226 Kiste: L (cm) $\frac{?}{?}$ B-øst (cm) $\frac{?}{?}$ B-vest (cm) $\frac{?}{?}$

FIX 137

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet Hoved i $\frac{?}{?}$ -ende af gravBevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød):

Højre lårben:

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

To femora. Venstre skåret midtpå. Højre skåret ved nederste ledende. En smule af bækkenet er bevaret i begge sider.

Grav registreret d. 10/9 -21 af AB0/FR

Skelet registreret d. 10/9 -21 af A156/FR

Skelet optaget d. _____ af _____

Vejr: Sol skyfrit

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: SSkelet: 202209_1

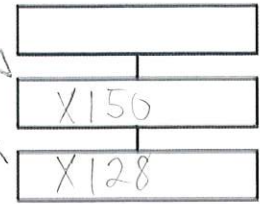
Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos: 100-0007/8T-nr.: T4

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

SE BESKRIVELSE I T4.

STEN & PLANTERKØDDER

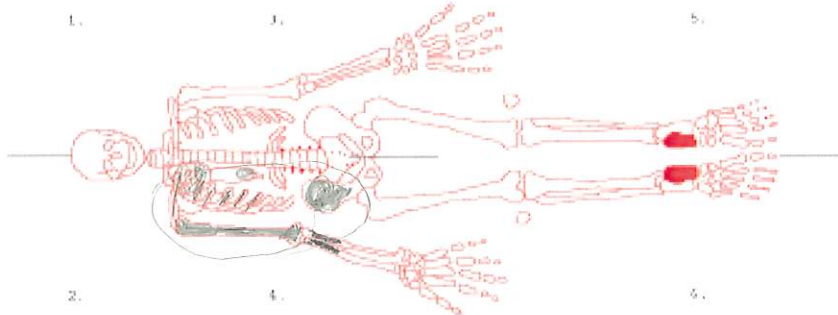
NEDGRAVNING HAR IKKE KUNNE LØSEKUNDES. EN DEL AF

TRÆKVIDS JORD UDGRAVET SOM KNYTTER SIG TIL SKULDREBLADET.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) _____ B (cm) _____ Topniv.: 216 Bundniv: _____ Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



UNDER-
 ARME ER IKKE
 BEVARET.
 (MULIGT
 LIDT AF
 MEDICISKE H.
 UNDERARM)

Skelettets stilling i graven: Front op Front ned Hocker Andet Hoved i ✓-ende af gravBevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød): _____

Højre lårben: _____

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

DÅRLIG BEVARENING, HAR IKKE KUNNE OBSERVERE NOGET

Grav registreret d. 06/08-21 af BOSkelet registreret d. _____ af _____ Skelet optaget d. 07/05-21 af BOVejr: SOL /
OVERSKYET

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: U

Skelet: 20220921

Registrering af grav

KULET

Henvielse til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi: GRAV I, X118

GRAV Z, X171

GRAV U, X183

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

MULIG GRAV DOG KUN ERKENDT VED VELBEVAET KRANIUM PLACERET
UNDER GRAV Z.

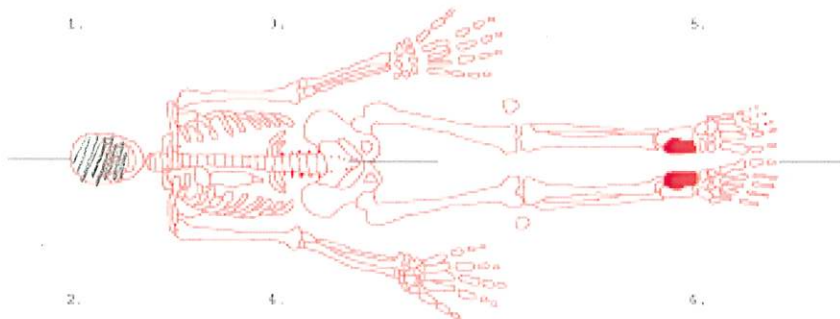
Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: 233 Bundniv.: _____ Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

FIX 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hoer Andet

Hoved i V-ende af grav

Bevaring: Tom grav God Middel Dærlig

Længde fra isse til bund af talus (rød): ✓

Højre lårben: ✓

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

VELBEVAET KRANIUM IKKE UDGRAVET RESTEN AF SKELETTET.

ES OPTAET

Grav registreret d. 9/8-21 af A60

Skelet registreret d. _____ af _____ Skelet optaget d. _____ af _____

Vejr: ☀

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: VSkelet: X202209_1

Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi:

| |
|---------------|
| GRAV <u>W</u> |
| GRAV <u>V</u> |
| |

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

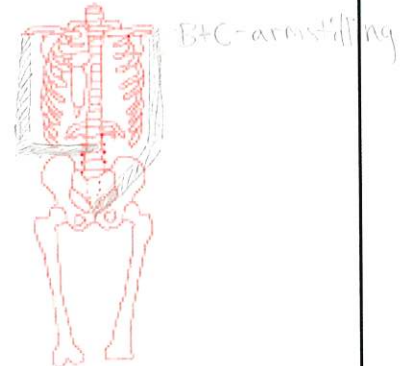
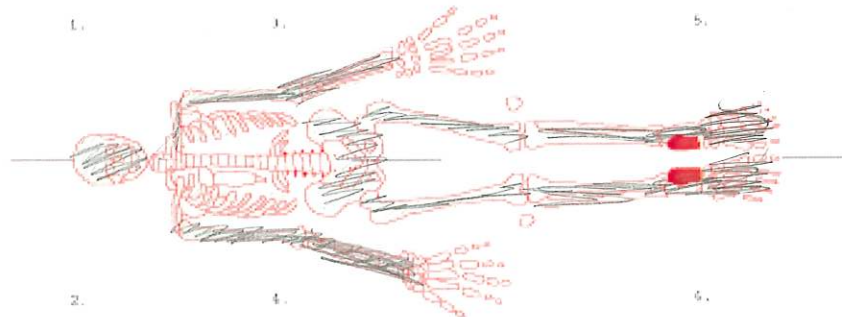
Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

Nedgravning kan ses i den nordøstlige ende (fødderne), men ellers ikke. Gravfyldet indeholder mindre stykker trækul. Gravens væg (nord) side er forsynet af flere bambusplanker, der ligger rodet. Løse knogler også over fødderne.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) B (cm) Topniv.: Bundniv.: Kiste: L (cm) B-øst (cm) B-vest (cm)

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hocker Andet Hoved i V-ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): Højre lårben: 43 cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

Bevaringen er blandet,

Grav registreret d. 9/8/21 af FRSkelet registreret d. 9/8/21 af Skelet optaget d. af

Vejr:

Registrering af grav

Henvielse til X-numre fra samme grav: X187, X189, X190, X193

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi: GRAV VGRAV ADX159GRAV QJordprøver: JORDPRØVE FRA UNDER KRANIE - MAKROFOSSILERTM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5) TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10) MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

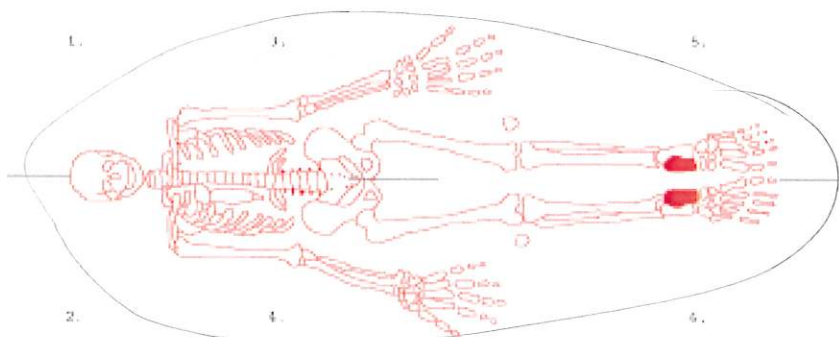
Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

GRAVEN ER FUNDET LIGE UNDER GRAV V OG GRAV AD.
 FYLDET ER MEGET KOMPAKT MØRKT LERET NOGLE STEDER.
 DERUDOVER ER DER SMÅ TRÆKULSTYKKER.
 MEDGRAVNINGEN KAN IKKE ERKENDES

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet INGEN SYNLIGE NEDGRAVNINGERNedgravning: L (cm) $\frac{0}{5}$ B (cm) $\frac{0}{5}$ Topniv.: 231 Bundniv.: 241 Kiste: L (cm) $\frac{0}{0}$ B-øst (cm) $\frac{0}{0}$ B-vest (cm) $\frac{0}{0}$ FIX 137↑ MAVE REGION

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hoer Andet Hoved i V-ende af gravBevarelse: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): 165Højre lårben: VENSTRE
46

Beskrivelse (Bevarelse kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

VELBEVARET SKELET FRA MAVEREGION OG MEDAV
 AD PLACERET LIGE ØVENOVER MED KUN LIT UD I MELLEM
 ROBUSTE KNØGLER OG UNDERKÆBE, SÅ SANDSYNLIGVIS EN MAND
 LØGNET I HAST - FUNDET UD MIDDAGSTID PÅ SIDSTE BAGEN

Grav registreret d. 10/8-21 af DDPSkelet registreret d. 10/8-21 af RDOSkelet optaget d. 10/8-21 af RDO/DDP/RDO

Vejr:



Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: X

Skelet: 202209_1

Registrering af grav

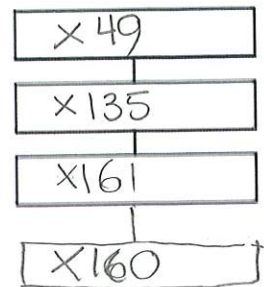
Henvielse til X-numre fra samme grav: X166, X163, (X162) X164

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi:



Jordprøver:

- TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
- TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
- MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

GRAVFYLD ER PRÆGET AF MINDRE STEN OG MINDRE STYKKER TRÆKUL. NOGLE STEN PÅ STØRRELSE MED KNYTNAEVE DET HAR IKKE VÆRET MULIGT AT SE NEDGRAVNINGER FOR GRAVEN. GRAVEN LIGER I STRATEGRAFISKE RELATIONER MED G, D OG Y. GRAVEN ER PLACERET PRÆCIS PÅ TOPPEN (UNDER?) AF GRAV Y. MÅSKE KAN KNOGLESKUL (E) (2019-HEAD (E)) VÆRE LØSE KNOGLER FRA Y OG X?

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet

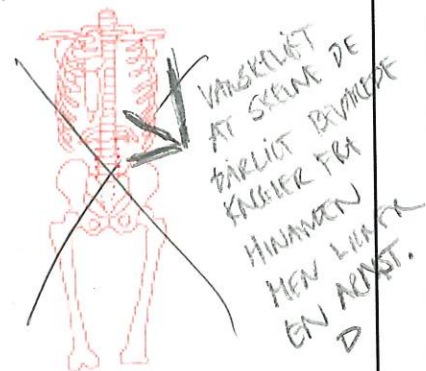
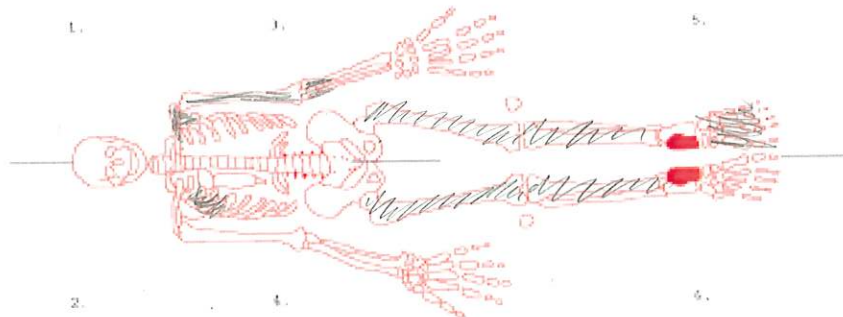
Gravtype: Langoval kistløs Trækiste Stensat grav Muret grav Andet : NEDGRAVNING IKKE MULIGT AT SE

Nedgravning: L (cm) $\frac{0}{0}$ B (cm) $\frac{0}{0}$ Topniv.: $\frac{0}{0}$ Bundniv.: 241 Kiste: L (cm) $\frac{0}{0}$ B-øst (cm) $\frac{0}{0}$ B-vest (cm) $\frac{0}{0}$

FIX: 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.



Skelettets stilling i graven: Front op Front ned Hocker Andet

Hoved i $\frac{0}{0}$ -ende af grav

Bevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): $\frac{0}{0}$

Højre lårben: $\frac{0}{0}$

VENSTRE 42

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

BEVARING ER UANVITIG DÅRLIG BÅDE KVALITET OG KVANTITATIV ER LAV. DER ER IKKE ESTIMERET EN UMIDLDBAR ALDER ELLER KØN. INGEN SÆRLIGE OBSERVATIONER.

Grav registreret d. 7/8-21 af DDP

Skelet registreret d. 8/8-21 af RDO

Skelet optaget d. 8/8-21 af RDO

Vejr: ☁

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: Y Skelet: 202209_1

Registrering af grav

Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi:

| |
|------|
| X49 |
| X135 |
| X161 |
| X160 |

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

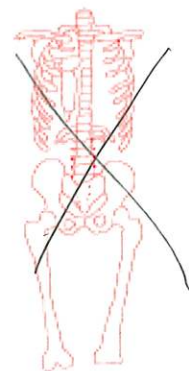
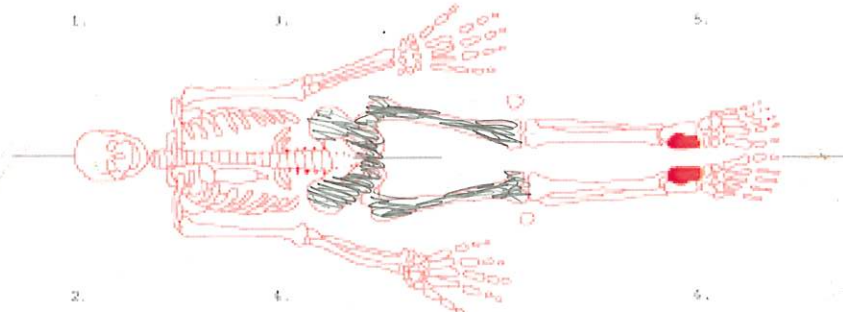
SE BESKRIVELSE PÅ GRAVSKEMA TIL GRAV X, X160

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kiste Trækiste Stensat grav Muret grav Andet INGEN SYNLIG NEDGRAVNINGNedgravning: L (cm) B (cm) Topniv.: Bundniv.: 240 Kiste: L (cm) B-øst (cm) B-vest (cm)

FIX: 147

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet Hoved i $\frac{0}{0}$ -ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): $\frac{0}{0}$ Højre lårben: $\frac{0}{0}$

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

BEVARING BÅDE KVALITATIVT OG KVANTITATIVT ER MEGET DÅRLIG.
 KUN LÅRBEIN (FEMUR) ER BEVARET. GRAVEN ER MULIGVIS SKÅRET AF
 GRAV G OG D.

INGEN YDERLIGERE OBSERVATIONER ELLER ESTIMATER PÅ ALDER OG
 KØN.

Grav registreret d. 7/8-21 af DDPSkelet registreret d. 8/8-21 af RDO Skelet optaget d. 8/8-21 af RDO

Vejr:

Registrering af grav

Henvisning til X-numre fra samme grav: X173

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi:

Grav I

Grav Z

Grav U

Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

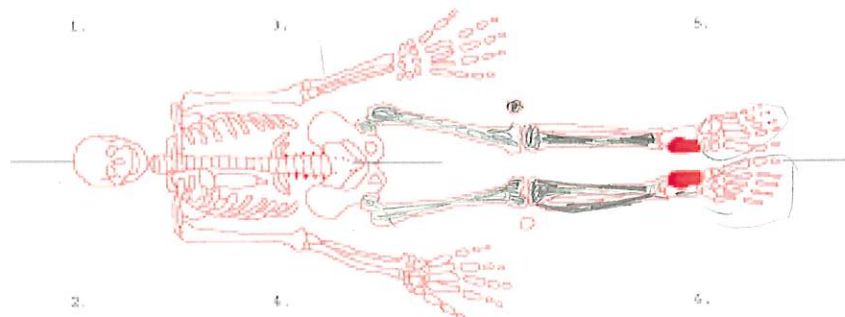
Benene er registeret som grav Z, hvor ^{støbe stykker} trækul er blandt benene. Graven ligger lige under grav I, hvor der også er ingen dør-krop i forhold til stratigrafien, vi håbede på at det var en del af grav U.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) --- B (cm) --- Topniv.: 232 Bundniv.: 233 Kiste: L (cm) --- B-øst (cm) --- B-vest (cm) ---

FIX = 110

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivelementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet Hoved i $\frac{\circ}{\circ}$ -ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): ---Højre lårben: 43cm

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

Bevaring både kvalitet og kvantitet halvdårlig, hvor femur og tibia er bevaret men meget skræbeligt. Hvor tibia på venstre ikke ses. Graven er meget forstyret, hvor der er knogler oven i og under.

Grav registreret d. 09/08-21 af ABOSkelet registreret d. --- af --- Skelet optaget d. --- af ---

Vejr:

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: AA

Skelet: 202209_1

Registrering af grav

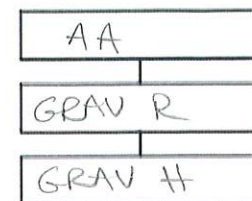
Henvielse til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: T7

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

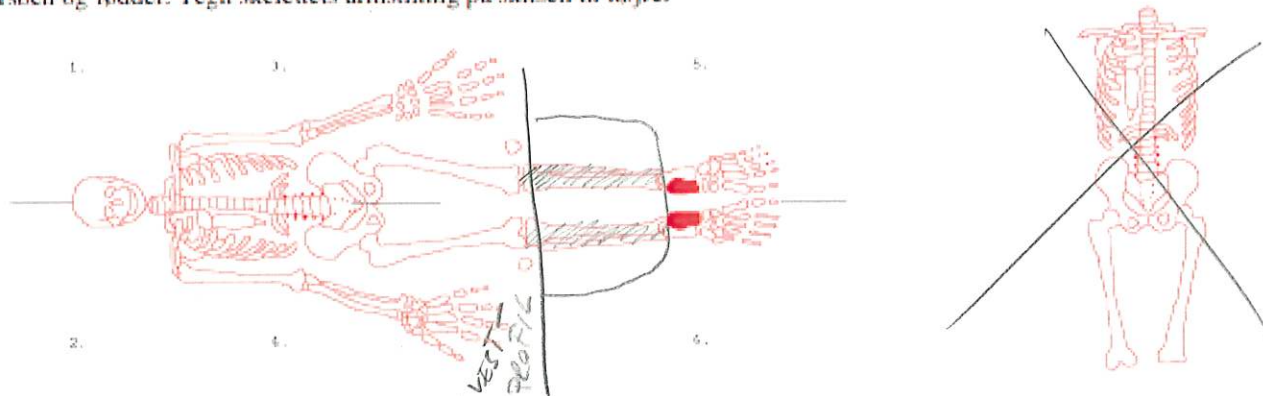
Almindelig kirkegårdsgrav. Ingen nævneværdig trækul.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet Nedgravning: L (cm) B (cm) Topniv.: 225 Bundniv.: 228 Kiste: L (cm) B-øst (cm) B-vest (cm)

FIX: 137

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet Hoved i -ende af gravBevaring: Tom grav God Middel Dårlig Længde fra isse til bund af talus (rød): Højre lårben:

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

TO underben uden fødder (skåret?) som stikker ud af vestprofilen mellem 295-310/0. Grav ikke fuldt nedgravet og skelet ikke optaget.

Grav registreret d. 10/9-21 af FR

Skelet registreret d. 10/9-21 af FR

Skelet optaget d. 7. af

Vejr:

Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: AC

Skelet: 202209_1

Registrering af grav

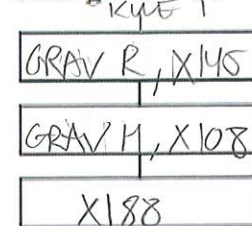
Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.:

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

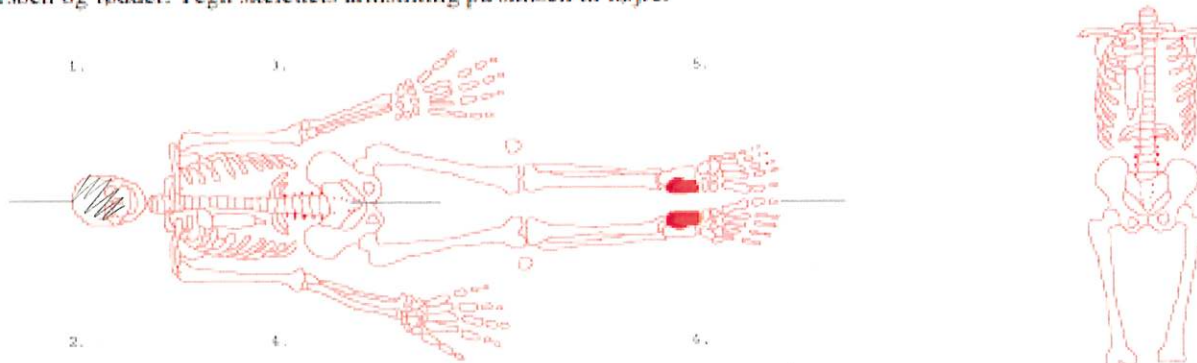
IKKE UDGRAVET.

Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kisteløs Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) _____ B (cm) _____ Topniv.: _____ Bundniv.: _____ Kiste: L (cm) _____ B-øst (cm) _____ B-vest (cm) _____

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Høcker Andet

Hoved i _____-ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød): _____

Højre lårben: _____

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

EJ OPTAGET

OK BEVARET KRANIMUM LIGER LIGT UNDER SKELET I GRAV H
 ↳ KAN VÆRE LØSFUND, DA LIGER SKELET I GRAVEN

Grav registreret d. 10/8-21 af FR

Skelet registreret d. _____ af _____ Skelet optaget d. _____ af _____

Vejr:



Journalnr.: KNK 4201, Ø47 Igaliku 2021

Grav: AD

Skelet: 2022091

Registrering af grav

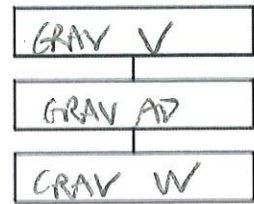
Henvisning til X-numre fra samme grav:

Digitalfotos:

S/H-fotos:

T-nr.: 78

Stratigrafi:



Jordprøver:

TM1-H (1) TM2-H (2) TM5-H (3) TM10-H (4) TM25-H (5)
 TM1-V (6) TM2-V (7) TM5-V (8) TM10-V (9) TM25-V (10)
 MF bryst (11) Mave (12) Tarm (13) DNA (14) MF hoved (15)

Beskrivelse (Gravfyld, relationer, konstruktion, dimensioner m.m.)

GRAY HURT FORSTVRET MEN ARTIKULÆRET IN SITU I BÆKEN, ALBUKLEDET,
 UNDERARM OG ØLJES HÅND BEVARET.
 LIGER LIGE UNDER GRAY V OG LIGE OVER GRAY W

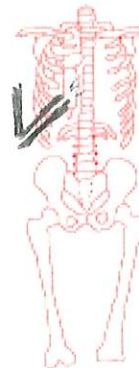
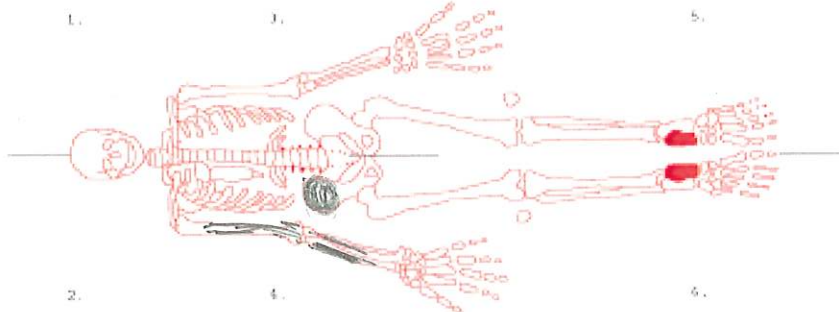
Komponenter i gravfyld: Tegl Mørtel Frådsten Trækul Andet Gravtype: Langoval kistelos Trækiste Stensat grav Muret grav Andet

Nedgravning: L (cm) / B (cm) / Topniv.: 231 / Bundniv.: 241 / Kiste: L (cm) / B-øst (cm) / B-vest (cm)

Fix 137

Registrering af skelet

Angiv med cirkel, hvilke dele af skelettet, der er bevaret. Anfør koordinater for de 6 målepunkter. Anfør nivellementer for hoved, korsben og fødder. Tegn skelettets armstilling på skitsen til højre.

Skelettets stilling i graven: Front op Front ned Hoer Andet

Hoved i V-ende af grav

Bevaring: Tom grav God Middel Dårlig

Længde fra isse til bund af talus (rød): /

Højre lårben: /

Beskrivelse (Bevaring kvalitativ/kvantitativ, evt. patologi, brud, køn og alder, særlige observationer m.m.)

DELE AF HØJRE ØRES OVERARM, UNDERARM OG HÅND BEVARET
 FUNDET OG GRAVET I HAST PÅ SIDSTE DAGEN

Grav registreret d. 10/8-21 af RDO, BO, DDP

Skelet registreret d. 10/8-21 af RDO, DDP, BO

BO

Vejr:

