

Hólar í Hjaltadal

Uppgriftarskýrsla - Excavation report
Hólarannsóknin 2002



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Hólarannsóknin



Byggðasafn Skagfirðinga



Hólas kóli



Þjóðminjasafn Íslands

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Uppgröftur og helstu niðurstöður

Ragnheiður Traustadóttir

Inngangur

Hólar í Hjaltadal voru höfuðstaður norðurlands um aldir og geyma í jörðu miklar upplýsingar um sögu kirkju og þjóðar. Þar hefur aðeins verið ráðist í takmarkaðar fornleifa- og sagnfræðilegar rannsóknir, þrátt fyrir að til séu ítarlegar fornar ritheimildir um staðinn. Hólar eru því í fornfræðilegu tilliti að miklu leyti óplægður akur, en einstaklega frjósamur; t.d. eru þar leifar einstakrar húsabyrpingar með rannsóknnum sumarsins hefur verið afla ógrynni af nýjum upplýsingum um Hóla í Hjaltadal. Engin fornleifarannsókn hefur farið fram á bæjarhólnum að Hólum í Hjaltadal fram að þessu. En ein helst niðurstaða sumarins er fornleifum hefur ekki verið spillt jafnmikið og óttast var. Þó að sléttað hafi verið yfir bæjarstæði virðast minjar eldri en frá 19. öld ekki hafa orðið fyrir raski. Á helsta minjasvæðinu komu í ljós leifar af mannvirkum sem virðast vera af prentsmiðjuhúsunum á 18.öld en sjálft prenthúsið er ekki en komið fram. Á því svæði sem öskuhaugar Hóla eru komu í ljós óvænt leifar af húsi, eldstæði frá fyrstu tíð.

Gripir úr uppgreftinum á Hólum

Áður en uppgreftur hófst á Hólum var gert ráð fyrir að þar myndi finnast töluvert magn gripa, enda hefur reynsla sýnt það frá sambærilegum

biskupstólins. Talið var að þetta svæði lægi fyrir utan sjálfa byggðina.

Rannsóknin 2002

Hólarannsóknin er samstarfsverkefni þriggja stofnanna; Hólaskóla, Byggðasafns Skagfirðinga og Þjóðminjasafns Íslands. Rannsóknin eru kostuð af styrk úr Kristnihátíðarsjóði og er gert ráð fyrir að hún muni standa yfir frá 2002-2007. Rannsóknin hefur líka notið fjármagns og tækjabúnaðar frá stofnunum sem standa á bak við hana. Samstarfsstofnanir hafa með ýmsu móti lagt eitthvað til rannsóknarinnar og vill rannsóknin þakka þeim og öllum starfmönnum, heimamönnum og þeim sem á einhvern hátt hafa tengst rannsókninni fyrir frábært framlag til Hólarannsóknarinnar.

Uppgröfturinn hófst formlega með því að menntamálaráðherra tók fyrstu skóflustunguna 1. júlí á uppgräftarsvæðinu með múrskleið sem er táknrænt þar sem múrskleið er eitt helsta verkfæri fornleifafræðinga (www.holar.is/holarannsoknin).

Áður en að því kom hafði fjarkönnun (viðnámsmælingum, leiðnimælingum o.þ.h.) frá sumrinu áður verið haldið áfram í samvinnu við vísindamenn á vegum Johns Steinbergs



Tómas Ingi Olich, menntamálaráðherra

frá UCLA háskólanum í Kaliforníu. Einnig var með markvissum hætti farið yfir svæðin með borkjarna og fosfat mælt í jarðvegi; þær rannsóknir eru hluti af doktorsverkefni Douglas Bolenders.

Með hliðsjón af niðurstöðum úr framangreindum athugunum var ákveðið hvar á Hólum skyldi grafið fyrst, hvaða svæði skynsamlegt væri að opna. Ljóst var að mannvistarleifar væru víða, en greinileg mannvirki á svæðum sem gefin voru heitin B og D. Það kom líka heim og saman við túnakort af Hólum, en niðurstöður mælinganna voru bornar saman við þessi túnakort sem til eru af staðnum, hið elsta frá 1887.

Sex uppgriftarsvæði voru opnuð, þrjú fyrir framan kirkjuna, A, B og C, tvö fyrir neðan veg sunnan við kirkjuna, D og E, auk þess sem grafið var nálægt kirkjugarðsveggnum að sunnan á svæði F.

Markmið

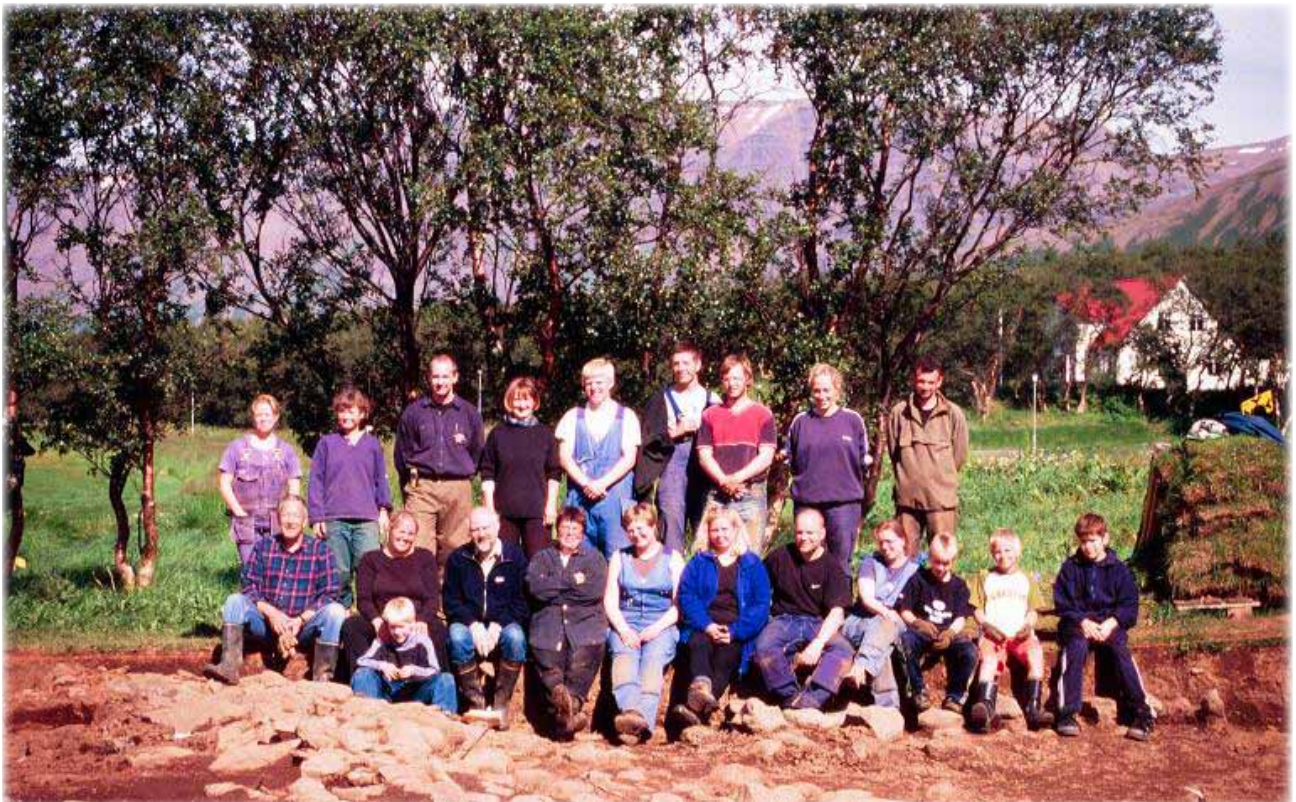
- Ráðast í löngu tímabæra fornleifafræðilega og sagnfræðilega rannsókn á Hólastað.
- Leggja grunn að þverfaglegum rannsóknum á Hólum og þar með efla starfsgrundvöll íslenskrar fornleifafræði til frambúðar með þjálfun stúdenta, fræðimanna, samvinnu innlendra og erlendra vísindamanna, útgáfu og kynningum.
- Styrkja starf ferðamálabrautar og menningartengda ferðapjónustu á Hólum á fræðilegum grundvelli, til þess að vekja almenning til vitundar um íslenska menningarsögu.
- Kanna efnahag biskupanna/biskupstólsins.
- Kanna skipulag “þorpsins”.
- Rannsaka lífshætti íslenskra yfirstétta á mismunandi tímum og félagslega samsetningu.
- Kanna húsagerð (hvergi gefist tækifæri til að grafa upp jafnmargar mismunandi húsategundir á einum stað).
- Kanna tengsl við aðra staði tengda Hólum, s.s. Hof, Kolkós, Þingeyri, Reynistað o.fl.

Aðferð

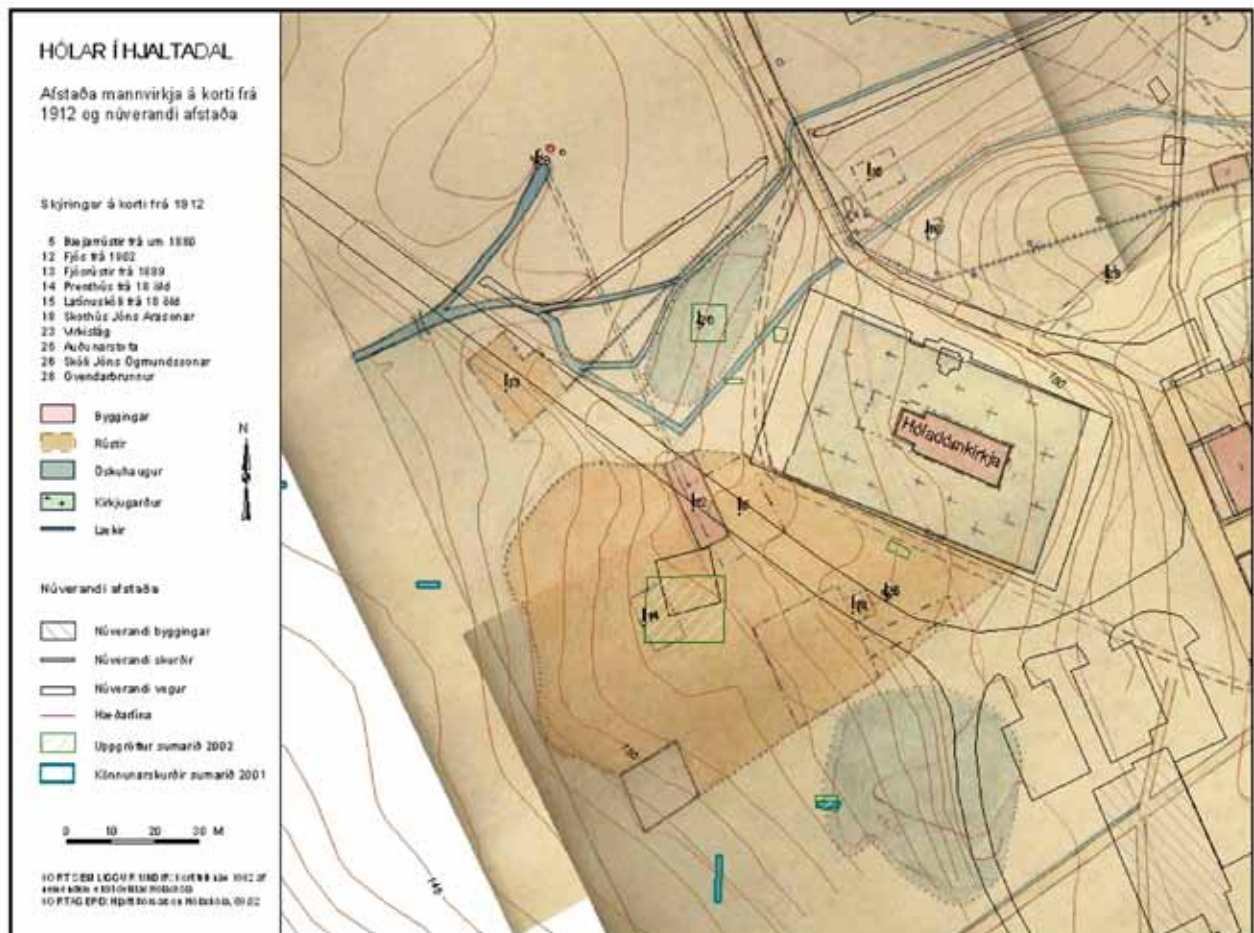
Grafið var eftir jarðlögum, aðferðin nefnist “Harris Matrix”. Með þeirri aðferð er síður hætt á að innbyrðis- og heildarsamhengi svæða glattist og auðveldara er en ella að hafa yfirsýn yfir uppgröftinn. Öll jarðlög voru teiknuð og skráð jafnóðum og þau komu fyrir. Við rannsóknina var gerð tilraun til að fullnýta alstöðina, mælitæki sem Þjóðminjasafn Íslands léði rannsókninni, með þeim hætti að mælingarnar voru allar vistaðar í stöðinni og

var þá hægt að setja þær beint inn í rafrænan kortagrunn sem til er af Hólum. Miðað við reynsluna sem þegar hefur fengist mun þetta auðvelda alla teiknivinnu og kortagerð auk þess sem hún verður hárnákvæm. Fengnir voru mælingamenn frá Stoð á Sauðárkróki til að setja fasta hnitapunkta í landshnitakerfinu Ísnet. Voru settir út fastapunktar á Reykjum, Hofi, Hólum, Kálfstöðum og Kolkuósi, sem þjóna þeim tilgangi að vera viðmið við aðrar mælingar, t.a.m. við að mæla upp og staðsetja rústir á jörðunum nákvæmlega.

Uppgriftarsvæðið var sett inn í hnitakerfið (Ísnet). Voru jarðlög, jarðfundnir munir, sýni og hleðslur mæld eftir hnitakerfinu, hæðarmæld, teiknuð og ljósmynduð. Gripir, jarðlög, teikningar, ljósmyndir, greiningar o.fl. verða tölvuskráðar í Sarp, gagnagrunn Þjóðminjasafnsins.



Starfsfólk Hólarannsóknarinnar 2002



Svæði A

Ekki komu mannvirki í ljós á þessu svæði með viðnámsmælingum, en með borkjarnanum fundust mannvistarleifar; torf með gulri 1104-gjósku, kol og gjall. Svæðið sem var opnað var 3 m x 3 m að stærð og er fyrir neðan kirkjugarðsvegginn að vestan. Því miður voru öll mannvistarlög hreyfð, sennilega vegna síðustu framkvæmda við kirkjugarðsvegginn. Torf sem fannst er sennilega úr vegg og gæti verið úr eldri kirkjugarðsvegg. Í torfinu var 1104-gjóska og bendir því til að veggjaleifarnar séu gamlar. Ekki fundust margir gripir á þessu svæði, en þó einn hálfunninn snældusnúður úr sandsteini úr Hólabyrðu.



Svæði A

Svæði B

Samkvæmt gömlu túnakortunum var öskuhaugur á svæði B, lítið mannvirki, sem ekki er vitað hvaða hlutverki gegndi, og skóli Jóns Ögmundssonar. Við viðnámsmælingarnar fundust skýr merki eftir húsið sem sýnt er á túnakortinu. Engin önnur mannvirki komu í ljós en glögg merki um að á svæðinu væru mannvistarleifar. Var ákveðið að opnað yrði nógu stórt svæði til að allt húsið kæmi fram í planinu.

Fljótlega var staðfest að húsið var frá 20. öld. Ekkert bendir til að það hafi verið reist fyrr og hlutverk þess er enn á huldu. Þess var þá freistað að grafa þversnið í gegnum það til að kanna hvort eldri mannvirki væru að finna þar undir. Efstu lögin reyndust vera hreyfð, blanda af torfi og ruslalagi, en mikið fannst af gripum, allt frá

miðöldum og fram á 20.öld.

Í sniðinu komu mörg mannvistarlæg og mannvirki í ljós, torfveggir, gólflög og leifar af öskuhaugi. Virðast mannvistarleifar ná aftur til elsta tíma biskupsstólsins. Í neðstu lögunum fundust gripir frá miðöldum, bókunarhellur og pottabrot úr klébergi, sem innflutt eru frá Noregi. Greining á plöntuleifum sýnir að varðveisluskilyrði eru góð í gólflöginu sem sást neðst í sniðinu. Niðurstöður úr uppgreftinum á þessu svæði eru mjög spennandi. Þarna er að finna leifar frá elsta tíma biskupsstólsins á Hólum og er mikilvægt að kanna hvers konar hús hafi verið reist þarna til forna og hvenær byrjað var að nota svæðið undir öskuhaug. Þess má geta til samanburðar að uppgröftur á svæði E virðist sýna að hús hafi staðið þar frá 11. eða 12. öld og ofan á rústir þess hlaðist öskuhaugur.



Hús á svæði B

Svæði D

Viðnámsmælingar á þessu svæði sýndu mjög greinilegar útlínur á einu húsi og samkvæmt túnakortum höfðu prentsmiðjuhúsin staðið hér. Á þessu svæði var sérstaklega óttast að minjar hefðu raskast mikið þegar sléttað hafi verið yfir bæjarstæði en fljótlega kom í ljós að minjar frá 18. öld voru óskaddaðar að mestu leyti. Trjálundur og stytta af fyrsta skólastjóra bændaskólans á Hólum hafði verið sett niður rétt um 1960. Höfðu þær framkvæmdir raskað svæðinu og náðu niður í minjar eldri en 1800. Stærsta svæði sem var opnað var um 18 m x 14 m.

Mikill fjöldi gripa, og meiri en við gátum búist við, var í efsta laginu, rétt undir grasrótinni og rótuðum lögum frá 20.öld. Samkvæmt aldursgreiningu eru þeir frá 16. öld og fram á þá 19. Undir þessu lagi var komið niður á mannvirki frá 17.-18.öld. Sigta varð allan jarðveg.

Við rannsóknina kom ekki aðeins í ljós það mannvirkisemhafðiséstviðviðnámsmælinguna, heldur fundust leifar af þremur húsum og er stærsta húsið með að minnsta kosti þremur herbergjum. Veggir og mannvistalög ganga inn í öll snið svo nauðsynlegt verður að stækka svæðið á næsta ári til að reyna fá heildarmynd af þessum húsum. Sérstaklega spennandi verður



Svæði D

að reyna bera saman úttektir og uppgrafinn manvirki á þessu svæði.

Allar rannsóknir og samanburður hingað til benda til þess að við séum búin að finna þau hús sem tilheyrðu prentsmiðjunni á 18.öld. Tveir ofnar fundust á þessu svæði og kakelbrot/ofnflísar. Í úttektum kemur fram að Sabinsky sem byggði kirkjuna á Hólum um 1750 lagaði og múraði upp kakelofn.



Séð yfir svæði D

Svæði E

Á svæði E er öskuhaugur samkvæmt túnakortum. Með aðferðum viðnámsmælinga sást ekki nein hús á þessu svæði en greinileg mannvistarlög. Grafinn var könnunarskurður árið 2001 og var hann stækkaður í sumar. Svæðið er um 2 m á breidd og 5 m á lengd. Í öskuhaugnum eru góð skilyrði til rannsókna á plöntum, skordýrum og beinum. Mikill fjöldi gripa fannst líka. Efsti hluti öskuhaugsins er rótaður en þaðan og niður má rekja lögin frá einu til annars aftur til 10. aldar. Nákvæm aldursgreining hefur ekki enn farið fram en fyrir liggur skýrsla Magnúsar Á. Sigurgeirssonar, jarðfræðings, á gjóskulögum úr sniðinu. Undir lok rannsóknarinnar í sumar var óvænt komið niður á eldstæði, gólf og torfveggi í neðstu lögunum sem benda ótvírætt til forns bústaðar. Form, afstaða jarðlaga og ekki síst gjóskugreining sýnir að leifarnar eru frá 11. – 12. öld.



Svæði E er því einstaklega spennandi fyrir þær sakir að komið hafa í ljós leifar mannvirkis frá fyrstu tíð biskupsstólsins á Hólum þar sem slíkra fornleifa var ekki að vænta fyrirfram. Þar sem að ekki virðast nein yngri mannvirki hafa verið reist ofan á þessu húsi standa vonir til að leifarnar séu bæði heillegar og upprunalegar.



Eldstæði frá 11. - 12. öld

Svæði F

Í því skyni að rannsaka hvar göng úr kirkjunni til byggðar hafa legið var grafinn skurður á svæði F samhliða kirkjugarðsveggnum, um 1 m á breidd og 3 m á lengd. Svo virðist sem göngin séu fundin en ekki gafst tóm til að grafa almennilega niður í þau. Svæðið er töluvert raskað austanmegin, þar sem grafinn hefur verið framræsluskurður frá kirkjunni eða kirkjugarðsveggnum. Mjög mikilvægt var að finna og sannreyna að þarna hefðu verið göng frá kirkjunni. Staðsetning þeirra gerir kleift að staðsetja fleiri hús út frá heimildum, þ.e. úttektunum á Hólastað. Verður því haldið áfram að rannsaka þetta svæði á næsta sumri.



Svæði F

Helstu niðurstöður

Rannsóknir sumarsins leiddu í ljós ýmsar nýjar upplýsingar um minjar á Hólum í Hjaltadal. Þessar eru helstar:

- Fornleifum hefur ekki verið spillt jafnmikið og óttast var. Þó að sléttað hafi verið yfir bæjarstæði virðast minjar eldri en frá 19. öld ekki hafa orðið fyrir raski. Enn hefur ekki verið metið hve mikið hefur spillt vegna vegalagningar, en vegurinn fram Hjaltadal virðist hafa verið lagður á púða sem kallað er. Varðveisluskilyrði eru almennt góð og gefa mikla möguleika á rannsóknnum af öllu því tagi sem til stendur með Hólarannsókninni.
- Á Hólum er eitt stærsta ‘bæjarstæði’ á Íslandi og í fornleifafræðilegu tilliti eru þar afar forvitnilegar leifar í jörðu.
- Öskuhaugarnir á Hólum eru að minnsta kosti tveir (svæði B og E). Miklir möguleikar eru fólgnir í rannsóknnum á þeim. Þar sem stór hópur fólks hefur búið í magrar aldir myndast stórir sorphaugar. Vegna góðra varðveisluskilyrða ætti að vera auðvelt að nýta upplýsingar úr sorphaugunum.
- Greining dýrabeina úr rannsókninni og þá sérstaklega úr öskuhaugnum eru mikilvægur þáttur í rannsókninni. Beinir gefa upplýsingar um fæðu fólks, um hvers konar skepnur voru haldnar á staðnum, hvaða dýrategundir menn veiddu sér til matar og um hlutfallið þar á milli. Greining dýrabeina getur því gefið mikilvægar upplýsingar lífsviðurværi og efnahag á mismunandi tímum.
- Verður sérstök áhersla lögð á að grafa á svæði E en þar fannst gólf og torfveggur í neðstu lögunum sem benda ótvírætt til forns bústaðar. Form, afstaða jarðlaga og ekki síst gjóskugreining sýnir að leifarnar eru frá 11. – 12. öld.
- Svæði E er því einstaklega spennandi fyrir þær sakir að komið hafa í ljós leifar mannvirkis frá fyrstu tíð biskupsstólsins á Hólum þar sem slíkra fornleifa var ekki að vænta fyrirfram. Með því að ekki virðast nein yngri mannvirki hafa verið reist ofan á þessu húsi standa vonir til að leifarnar séu bæði heillegar og upprunalegar.
- Svæði D verður stækkað til að fá sem gleggsta mynd af þeim húsum sem stóðu þar á 18. öld. Verður sérstaklega spennandi að bera saman úttektir og uppgrafin mannvirki á svæðinu.
- Mjög brýnt er að bjarga þeim mannvistarleifum sem eru hverfa á Kolkuósi. Það er mjög mikilvægt að reyna skilja þýðingu hafnarinnar fyrir Hóla og byggðina í kring.
- Samband Hofs og Hóla er mikilvægt, hvaða áhrif höfðu Hofsverjar á að biskupsetrið skildi verða á Hólum. Hvaða þýðingu hafði Hof í Hjaltadal? Á jörðinni eru stór og mikil mannvirki sem þyrfti að kanna nánar.

Gripir frá Hólum

Ragnheiður Traustadóttir

Áður en uppgröftur hófst á Hólum var gert ráð fyrir að þar myndi finnast töluvert magn gripa, enda hefur reynsla sýnt það frá sambærilegum rannsóknum. En fjöldi gripa var miklu meiri en Áður en uppgröftur hófst á Hólum var gert ráð fyrir að þar myndi finnast töluvert magn gripa, enda hefur reynsla sýnt það frásambærilegum rannsóknum. En fjöldi gripa var miklu meiri en við gátum búist við, sérstaklega á svæði D þar sem komið var niður á mannvirki frá 17.-18. öld. Gripirnir fundust allir í lagi fyrir ofan mannvirkin, rétt undir grasrótinni og í rótuðum lögum frá 20. öld en eru tímasettir til 16. aldar og fram á þá 19.

Unnið var að skráningu og pökkun gripa á vettvangi enda aðstaða fyrir hendi. Ýmsir starfsmenn rannsóknarinnar í sumar komu að skráningu gripa. Raina Stabelsky, fornleifafræðingur og listamaður vann í 3 vikur við að teikna gripa sem fundust við rannsóknina í sumar. (Sjá teikningar)

Munarannsóknir eru eðlilega mikilvægur hluti fornleifarannsóknar á Hólum. Auk vísbendinga um aldur munu fást margvíslegar aðrar upplýsingar við rannsóknir á munum, s.s. um efnisnotkun, verkkunnáttu, verslun, efnahag, tengsl innanlands og við útlönd o.s.frv. Verður sérstök áhersla lögð á að greina gripa úr rannsókninni í vetur. Enn liggur heildarfjöldi

gripa ekki fyrir en áætlað að þeir séu nú um 4000 talsins.

Úrvinnsla og greining á gripum mun fara fram í vetur eftir að þeir hafa verið skráðir. Ýmsir starfsmenn og þátttakendur í rannsókninni munu taka að sér að greina einstaka gripa. Nú stendur til að tveir MA nemar og einn í grunnámi í fornleifafræði skrifi um gripa frá rannsókn sumarsins.

Í grófum dráttum fundust eftirtaldir flokkar af gripum:

Gler

Glerbrot af ýmsum gerðum en mikið magn var af gleri úr rúðum, flöskum og lyfjaglösum. Nokkur glerbrot voru skreytt en ekki er vitað hvort brotin eru úr skrautgluggum eða ílátum. Glerperlur fundust einnig.



Glerperla

Leirker

Leirkerjabrot voru líka stór hluti af gripum sem fundust í sumar, af því sem búið er að grófflokka voru leirkerin á tímabilinu frá miðri 16.öld fram á 20. öldina og af öllum gerðum; hvítleir, rauðleir, postulín, steinleir og fajans. Merkilegustu brotin við fyrstu sýn eru Kakelbrot/ofnflísar, trúlega frá miðri 18. öld. Leirkerabrotin verða greind nánar í vetur. Mun verkefnastjóri greina brotin og leiðbeina Ingu Sóleyju Kristjónudóttur við greiningu á steinleirsbrotum sem fundust.

*Rauðleir**Kakelbrot**Krítarpípur*

Búið er að skrá allar krítarpípunar en heildarfjöldi þeirra er um 560 brot. Brotin eru leggir og hausar. Hægt er að upprunagreina og aldursgreina hluta af þessum brotum með greiningu á mynstri, skrauti og stimplum. Krítarpípur eru fyrst framleiddar í Gouda í Hollandi seint á 16.öld. Eitt brot fannst með nafninu Gouda.

*Krítarpípuleggur**Málmur*

Fjöldi gripa úr málm, bronsi eða járn, var gífurlegur og eru það járnaglarnir sem eru stærsti hlutinn í þeim flokki en ýmis verkfæri fundust líka og eftirfarandi gripir eru úr málm: hnífar, tölur, hnappar, vasahnífur, blýlengjur, járnstykki, ýmsir skrautgripir, lyklar o.fl.

*Skrautmunir úr bronsi*

*Hnappar**Steinn*

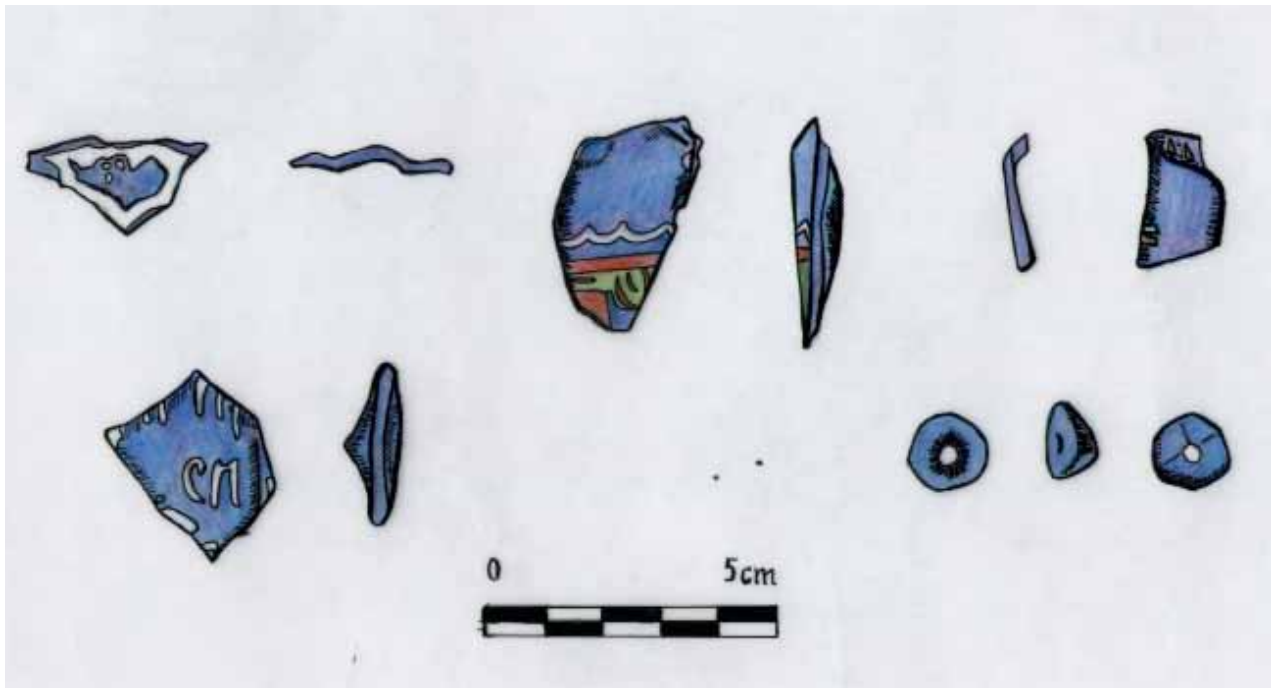
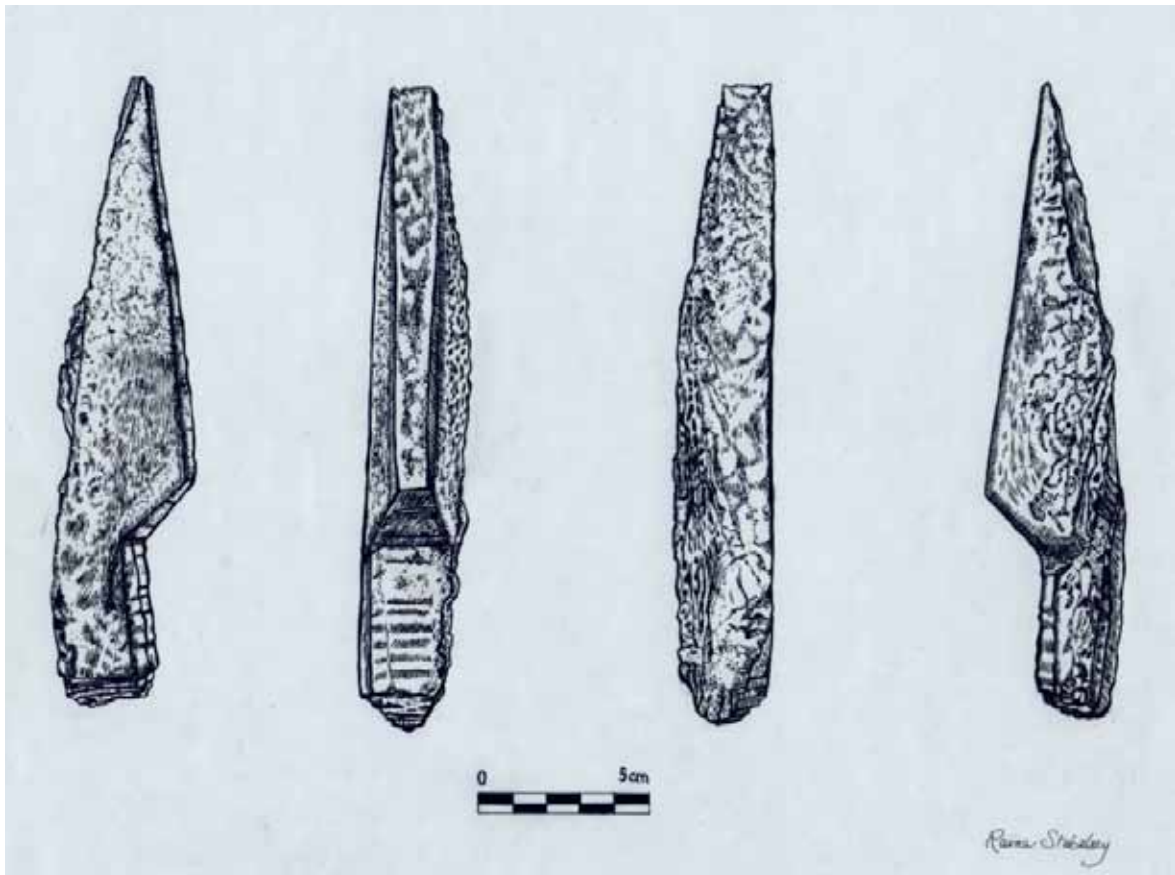
Nokkrir einstaklega fallegir gripir úr steini fundust; kola, perla, bökunarhella og pottabrot úr klébergi. Þessir gripir eru sennilega þeir elstu frá miðöldum. Einnig fannst fjöldinn allur af brýnum, mót úr rauðum sandsteini til að steypa lýsislampa, o.fl.

*Brýni**Pottabrot úr klébergi**Kola**Bein*

Gripir úr beini voru nokkrir, en merkilegasti gripurinn úr beini er Kotra og gripur sem sennilega er útskorinn hnappur.

Ýmsir aðrir gripir fundust við rannsóknina en skráningu er ekki enn lokið og vinnur Katrín Gunnarsdóttir, fornleifafræðingur á Byggðasafni Skagfirðinga við skráningu og pökkun á Hólum frameftir haustinu.

*Kotra úr beini*



Teikningar eftir Rainu Stabalski

Kynning og leiðsögn á Hólarannsókninni

Hólarannsóknin hefur fengið töluverða umfjöllun í fjölmiðlun og með þeim hætti verið kynnt fyrir almenning.

Meðan á rannsókninni stóð í sumar var verið með leiðsögn um uppgraftarsvæði, voru auglýstir fastir tímar á fimmtudögum og laugardögum en tekið var á móti öllum gestum sem komu þegar unnið var við uppgröftinn. Páll V. Kolka Jónsson sá að mestu leyti um leiðsögnina. Það var sérstaklega ánægjulegt þegar við komust að því að hópurinn talaði samtals 11 tungumál (ensku, öll Norðurlandamálin, rússnesku, úkraínsku, grísku, spænsku, hollensku, þýsku og frönsku). Var því hægt að taka vel á móti erlendum gestum.

Verkefnastjóri Hólarannsóknarinnar kom með þá hugmynd að árlega yrði haldinn sérstakur Fornleifadagur til kynna þær rannsóknir sem Kristnihátíðarsjóður styrkti. Þjóðminjasafnið sá um að stilla saman strengi allra þátttakenda og var sunnudagurinn 28. júlí valinn fyrir viðburðinn. Dagurinn tókst vel og á Hólum tóku allir starfsmenn rannsóknarinnar þátt og fengu börn að sigta með fornleifafræðingum. Það var sérstaklega ánægjulegt hversu margir heimamenn sóttu staðinn heim.

Hólarannsóknin hefur sett upp heimasíðu www.holar.is/holarannsoknin þar sem fjallað er um rannsóknina og reynt að birta fréttir af henni. Sú ákvörðun hefur verið tekin að birta ýmis rannsóknargögn á heimasíðunni svo að þau verði aðgengileg öðrum fræðimönnum. T.a.m.



Fornleifadagurinn

hafa úttektir verið birtar á síðunni. Heimasíðan mun verða á þremur tungumálum; íslensku, ensku og Norðurlandamálum, en það eru þau mál sem rannsóknin notar í sínum samskiptum.

Í undirbúningi er sjónvarpsþáttur um Hólarannsóknina og var safnað efni í sumar á meðan uppgrefti stóð. Þór Jónsson, aðstoðafréttastjóri á Stöð 2, og Viggó Sigurðsson, tókumaður, sjá um verkefnið. Ekki hefur enn fengist fjármagn í verkið og hefur það fram að þessu verið kostað af þeim Þór og Viggó.

Starfsemi sumarið 2002

Rannsóknarstaður: Hólar í Hjaltadal

Rannsóknarnúmer: 37

Uppgrافتartímabil: 1. júlí – 17. ágúst

Uppgrافتarsvæði voru 6 svæði A, B, C, D og E

Stjórnandi:

Ragnheiður Traustadóttir, fornleifafræðingur

Uppgrافتarstjórar:

- Helena Fennö, fornleifafræðingur við Borgaminjasafn Stokkhólms
- John Wandesjö, fornleifafræðingur við Borgarminjasafn Stokkhólms
- Guðný Zoëga, fornleifa og mannabeinafræðingur, minjavörður austurlands
- Angelos Parigoris, MA í fornleifafræði

Aðrir tarfsmenn við uppgrافت:

- Anna Rut Guðmundsdóttir, BA í mannfræði
- Anna Lísá Guðmundsdóttir, jarðfræðingur og deildastjóri fornleifadeildar Árbæjarsafns
- Katrín Guðmundsdóttir, fornleifafræðingur við Byggðasafni Skagfirðinga
- Valerie Sonstenes, fornleifafræðingur
- Dr. Fedir Androshchuk, fornleifafræðingur við Stokkhólmsháskóla
- Allan Hansen, nemandi í fornleifafræði
- Inga Sóley Kristjónudóttir, nemandi í fornleifafræði
- Guðmundur Óskarsson, háskólanemi
- Páll Kolka Jónsson, menntaskólanemi

- Ingibjörg Kolka Jónsson, háskólanemi
- Jón Bjarnason, alþingismaður
- Þorsteinn Gunnarsson, arkitekt
- Arna Björg Bjarnadóttir, BA í mannfræði
- Michael Neiß, meistaranemi í fornleifafræði við Stokkhólms Háskóla

Starfsmenn við sýnagreiningar, forvörslu og fjarkönnun:

- Dr. Magnús Hellqvist, jarð- og skordýrafræðingur við Háskólann í Falun
- Dr. Steve L. Martin, fornleifa-og plöntufræðingur
- Ylva Bäckström, dýrabeinafræðingur við Societas Archaeologica Upsaliensis
- Jannie Amsgaard Ebsen, forvörður hjá Þjóðminjasafni Íslands
- Magnús Á. Sigurgeirsson, jarðfræðingur og gjóskulagasérfræðingur
- Tim Horsley, doktorsnemi við Háskólann í Bradford

Starfsmenn við kortagerð, handritalestur og gripateikningar:

- Hjalti Þórðarson, landfræðingur við Hólaskóla
- Rúna Knútsdóttir Tetzschner, háskólanemi og sérfræðingur á Þjóðminjasafni Íslands.
- Raina Stabelski, fornleifafræðingur og gripateiknari

Bókhaldsumsjón:

- Sigurbjörg Ólafsdóttir, Háskólanum á Hólum

Gröfuvinna:

- Hörður Jónsson, ábúandi á Hofi

SSAS

Fornleifarannsóknir í Skagafirði, sem ganga undir vinnuheitinu SASS- Skagafjordur Archaeological Settlement Survey eru unnar af rannsóknarhópi mann- og fornleifafræðinga og jarðvísindamann frá UCLA og North Western hófu samstarf við Hólarannsóknina á undirbúningsárinu 2001 með því að kanna öll tún og bæjarstæði á Hólum með jarðsjám, jarðbor og könnunarskurðum. En markmið hópsins er að kanna horfin jarðlæg hús og afla þekkingar um fornleifar í Skagafirði. Rannsóknin er undir stjórn dr. John Steinbergs, í fornleifafræði við Háskólann í Los Angeles UCLA og við fjarkannanir á Hólum unnu dr. Brian Damiata, jarðeðlisfræðingur, Douglas Bolender, doktorsnemi.

www2.du.se

- Þjóðskjalasafnið
- Fornleifa- og mannfræðideild UCLA, John Steinberg
- Uppsala Universitet, Stefan Brink
- Árbæjarsafn, Anna Lísa Guðmundsdóttir
- Societas Archaeologica Upsaliensis

Samstarfsverkefni, stýrihópur og bakhjarlar rannsóknarinnar:

Ragnheiður Traustadóttir, stjórnandi Hólarannsóknarinnar, Skúli Skúlason, skólameistari Hóla, Sigríður Sigurðardóttir, forstöðumaður Byggðasafns Skagfirðinga, og Margrét Hallgrímsdóttir, þjóðminjavörður.

Samstarfsaðilar:

- Víglubiskupinn á Hólum í Hjaltadal
- Héraðsskjalasafn Skagfirðinga
- Byggðasaga Skagafjarðar, Hjalti Pálsson sagfræðingur
- Höskolan i Dalarna, Magnus Hellqvist,

Gjóskulagagreining

Magnús Á. Sigurgeirsson

Þann 14. ágúst voru gjóskulög skoðuð á uppgraftarsvæðinu á Hólum í Hjaltadal. Leitað var eftir gjóskulögum í torfi á bæjarhólnum, í veggjum meintrar prentstofu. Mest áhersla var þó lögð á að skoða og mæla upp snið í austurjaðri bæjarhóls þar sem skurður hafði verið grafinn í gegnum mannvistarlög, aðallega sorp- og torflög (mynd 1).

Gjóskulög í Skagafirði

Gjóskulög hafa verið könnuð í Skagafirði á síðustu árum í tengslum við fornleifarannsóknir þar (Magnús Á. Sigurgeirsson 1998, 2000, 2001). Varðandi umfjöllun um einstök gjóskulög vísast til þeirra athugana. Auk þess skal bent á ýtarleg athugun á gjóskulögum í Austurdal og Vesturdal í Skagafirði (Gunnar Ólafsson 1985, Guðrún Sveinbjarnardóttir 1992). Þau gjóskulög á Skagafjarðarsvæðinu sem að mestu gagni koma við aldursákvörðun fornleifa eru eftirfarandi:

1. Landnámssyrpa (LNS). Í henni eru 3-4 basísk gjóskulög sem öll eru þunn í Skagafirði, en hins vegar sitja þau jafnan í mjög dökku jarðvegslagi sem sker sig vel frá jarðvegi ofan þess og neðan.
2. V~1000 (s.g.~1000). Þetta gjóskulag er allskýrt í vestanverðum Skagafirði.

3. H-1104 (H1). Finnst víðast hvar í Skagafirði en er þó misvel varðveitt.

4. H-1300. Eitt auðgreindasta gjóskulagið af þeim sem hér eru upp talin.

5. V-1477 (a-lag). Hefur aðeins fundist á einum stað, skammt sunnan Hofsóss.

6. H-1766. Finnst víðast hvar á Skagafjarðarsvæðinu.

Sýnataka - smásjárskoðun

Þrjú gjóskusýni voru tekin til frekari skoðunar úr torfi í sniðinu sem mælt var (mynd 1). Í smásjá má draga fram ýmis einkenni gjóskunnar sem ekki eru sjáanleg berum augum og verður greining einstakra gjóskulaga því mun áreiðanlegri sé slíkri skoðun beitt.

Sýni nr. 1: Einkennist af margbreytilegri kornagerð. Litur gjóskuglersins er gulbrúnn-dökkbrúnn-grár-svartur. Einnig er nokkuð um rautt gjall. Gráleit vikurkorn eru mest áberandi. Dökkar smáar innlyksur eru greinilegar í ljósari kornunum. Gjóskan er mjög illa aðgreind, þ.e. kornastærð er mjög breytileg. Gjóskan ber skýr einkenni Heklugjósku. Telja má víst að um sé að ræða gjóskulagið H-1300. Þess skal getið að greina má á milli gjóskulaganna H-1766 og H-1300 í smásjá.

Sýni nr. 2: Súr gjóska, fremur gróf. Hnöttótt hvít vikurkorn eru einkennandi. Einnig er talsvert af tærum kristöllum. Dökkar innlyksur eru í gjóskunni. Rauð gjallkorn eru áberandi. Telja má næsta víst að um Heklugjósku sé að ræða, sennilega Heklu-1 frá árinu 1104.

Sýni nr. 3: Basísk gjóska úr mógrænu gleri. Einkennandi eru mjög blöðrótt korn með fingerðan textúr, þunna og skarpa blöðruveggi. Einnig er til staðar óblöðrótt glerkurl. Dálítið er um dökk ógegnsæ glerkorn. Gjóskan er mjög illa aðgreind. Af samanburði við önnur gjóskusýni gæti verið um að ræða gjóskulagið V~1000.

Niðurstaða og ályktanir

Mannvistarlögum í sniðinu er skipt í fjórar einingar (I-IV) með tilliti til breytinga í lit og strúktúr (mynd 1). Skil eru í sorplögunum á um 70 cm dýpi, neðar verða þau ljósari og þéttari. Gjóskusýni nr. 1 var tekið á um 65 cm dýpi, rétt ofan skilanna (í einingu I). Telja má víst að þetta sýni sé úr gjóskulaginu H-1300.

Gjóskusýni nr. 2 og 3 eru tekin úr gjóskuflekkjum úr torfi á um 95-103 cm dýpi, í einingu II, rétt ofan við eldstæði sem gengur inn í sniðið. Nánari skoðun á sýnunum bendir til að um geti verið að ræða gjóskulögin H-1104 og V~1000. Samkvæmt því eru sorplögin næst ofan við eldstæðið frá því eftir 1104. Ekki tókst að finna gjóskulagið H-1300 í einingu II. Æskilegt væri að gera frekari leit að laginu þar.

Eining III, á 105-113 cm dýpi, er þétt sorplag með beinum, koli og móösku. Ekkert torf var

sjáanlegt. Eldstæðið er efst í þessu lagi.

Í einingu IV, á 113-154 cm dýpi, er mest einkennandi torf með LNS og forsögulega gjóskulaginu Heklu-3. Landnámssyrpan kemur í ljós skammt neðan hennar á um 158 cm dýpi.

Þær vísbendingar sem gjóskulögin gefa um aldur eininganna fjögurra eru eftirfarandi:

Eining I: Mynduð á 14. öld og síðar (yngsti hluti þess er frá 20. öld).

Eining II: Mynduð á 12. öld og/eða síðar

Eining III-IV: Mynduð á 10. öld og/eða síðar

Heimildir

Magnús Á. Sigurgeirsson 1998: Fornleifarannsókn að Neðri-Ási í Hjaltadal. Gjóskulagagreining.

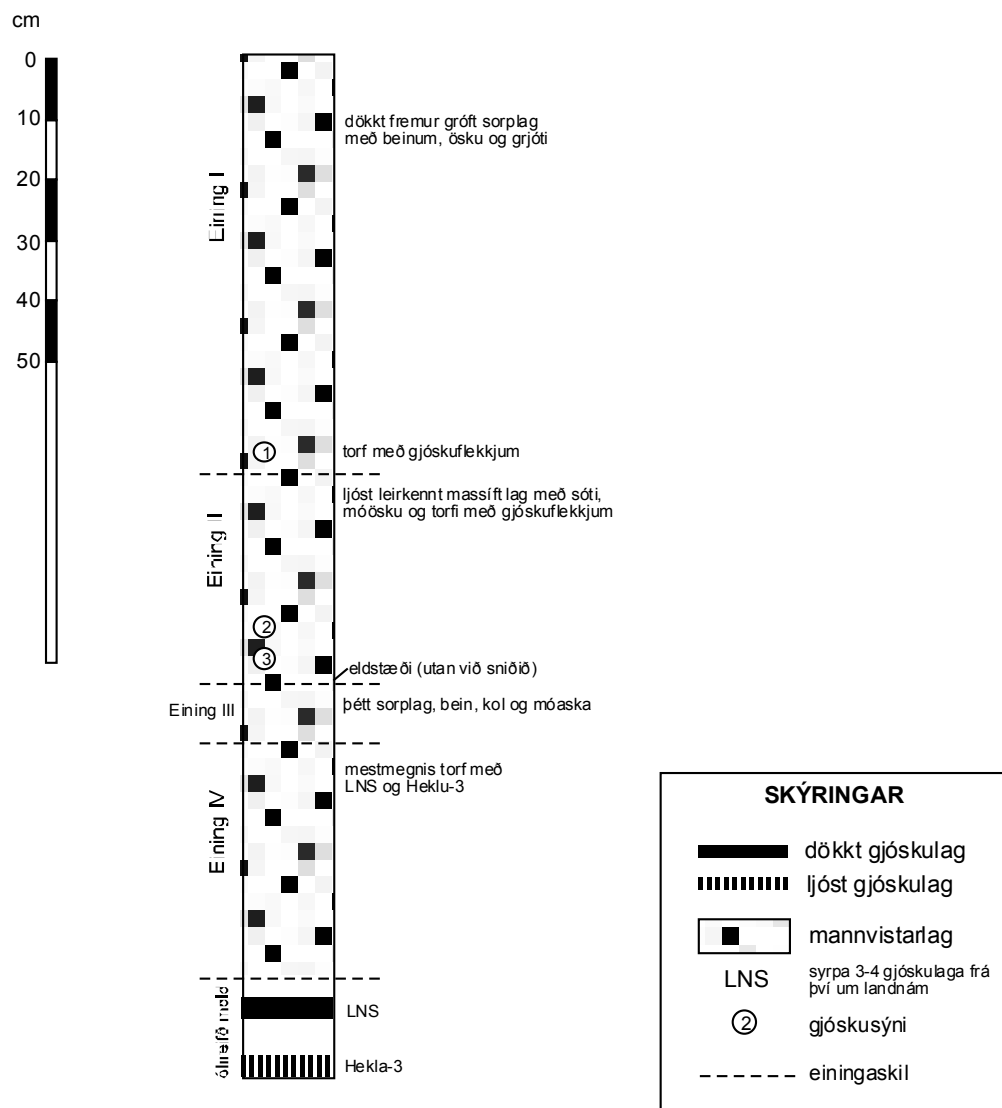
Viðauki í: Roberts, H. 1998, Neðri-Ás í Hjaltadal. Framvinduskýrsla, Fornleifastofnun Íslands.

Magnús Á. Sigurgeirsson 2000: Gjóskulagagreining. Viðauki í: Orri Vésteinsson. Forn kirkja og grafreitir á Neðri Ási í Hjaltadal. Fornleifastofnun Íslands, FS109-98174.

Magnús Á. Sigurgeirsson 2001: Archaeological research in Skagafjörður, North Iceland. Tephrochronological study. Report 2001/05, 3 bls. (með sniðteikningum). (unnin fyrir John M. Steinberg, UCLA, Institute of Archaeology)

Guðrún Sveinbjarnardóttir 1992: Farm abandonment in Medieval and Post-Medieval Iceland: an interdisciplinary Study. Oxbow Monograph 17, 192 bls.

Gunnar Ólafsson 1985: Gjóskulög í Austurdal og Vesturdal, Skagafirði. Námsritgerð við Háskóla Íslands.



Mynd 1. Fornleifarannsókn á Hólum í Hjaltadal. Snið úr austanverðum bæjarhól.

Primarily Conservation

Jannie Amsgaard Ebsen

The excavation at Hólar, Hjaltadalur of 2002 recovered a large amount of finds. The finds cover a big variety of inorganics as well as a small quantity of organics. The inorganics being various fragments and objects made of ceramics, glass and metal. The material groups of the organics consist of textile, leather, bone and wood. The finds were generally cleaned with water, dried and packed in polyethylene bags or boxes with acid free tissue paper and registered “on site” in Hólar and labeled with Hólar 2002-37- and the find number. The conservation, of so far 120 selected metal find numbers and 20 find numbers covering organics, are now taking place at the conservation covering repacking with inert supporting materials and creating desiccating environments for certain materials.

Inorganics

Copper alloys etc. (Bronze, silver and lead).

Some of the copper alloys seem to suffer from active corrosion (“Bronze-disease”) with the formation of light greenish copper chloride products. Otherwise most of the copper alloys are quite mineralized and fragile and in need of stabilizing treatment. The objects are being cleaned mechanically under microscope to remove unwanted corrosion products and to find the “original surface” of the objects. This is followed by vacuum impregnation with the

inhibitor benzotriazole and the consolidant/laquer Paraloid B 44.

Iron

The iron objects will be cleaned for unwanted corrosion with air-abrasive equipment, unwanted salts will be removed in a desalination process and finally the objects will be vacuum consolidated with microcrystalline wax or Paraloid B 72. Before conservation they are being stored in a desiccating environment with silica gel.

Organics

Textile, wood, leather and bone

The damp textile, wood and leather will be cleaned with water and consolidated in polyethyleneglycol (PEG) with different concentrations and molecule sizes. Then the objects will be freeze dried to prevent collapse and deformation. The fragile bone objects will be consolidated with Paraloid B72 and a good supporting packing will be made.

Remote Sensing and augering of the north field at Hólar

John Steinberg

The Hólar 3 field is situated just east of the Hólar church. It was surveyed on the morning of Friday June 28 by Brian Damiata using the EM-31, assisted by Steve Martin and Linda Rehberger. The field was surveyed North-South, with 1 m between stations and 0.5 m between readings. The survey was accomplished during a morning with dry and sunny weather.

The 2607 readings averaged 12.1 ms/m, with a range of 3.9 to 22.8 and a standard deviation of 2.0. Over 50% of the readings were between 10.5 and 13.5. The maximum change between adjacent readings or, maximum apparent

conductivity contrast, averaged 0.05, with a standard deviation of 1.29 and had a range of -6.3 to +6.3. These numbers indicate a relatively smooth and consistent survey.

The readings (Figure 2) revealed 3 major anomalies. A linear low conductivity feature running northwest from 400,70 to 410, 715, a small sharp low conductivity anomaly at 404, 724 and a high conductivity area at 415,745. These features are reinforced by the conductivity contrast map (Figure 3).

Skagaffjörður Archaeological Settlement Survey

EAST 0586000

NORTH 7291000

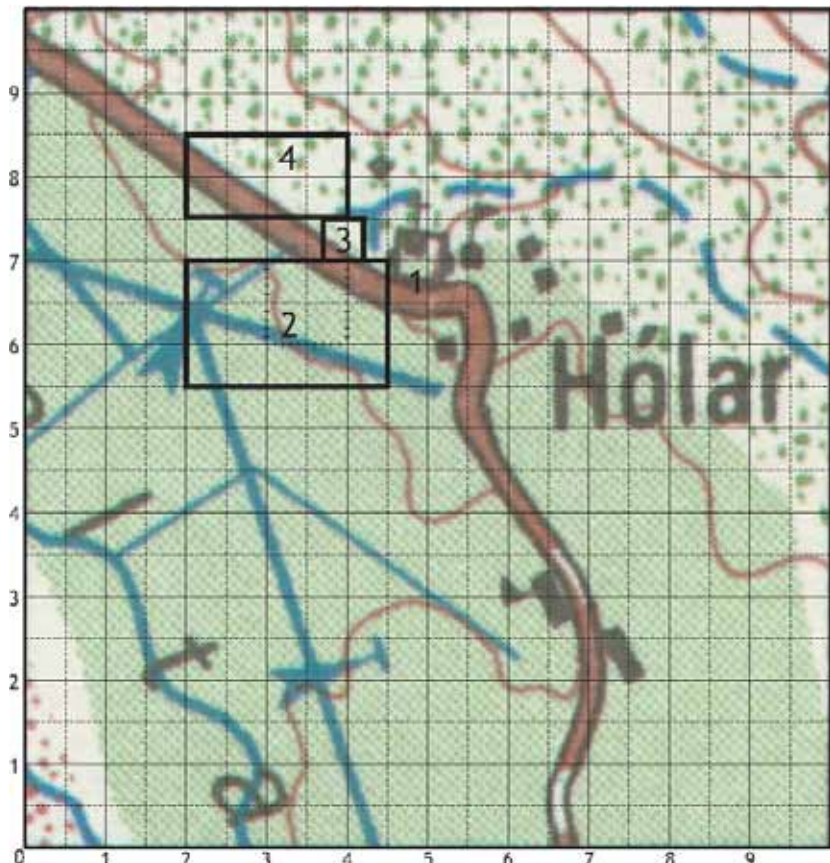


Figure 1. Square kilometer 0586,7291 showing area analyzed.

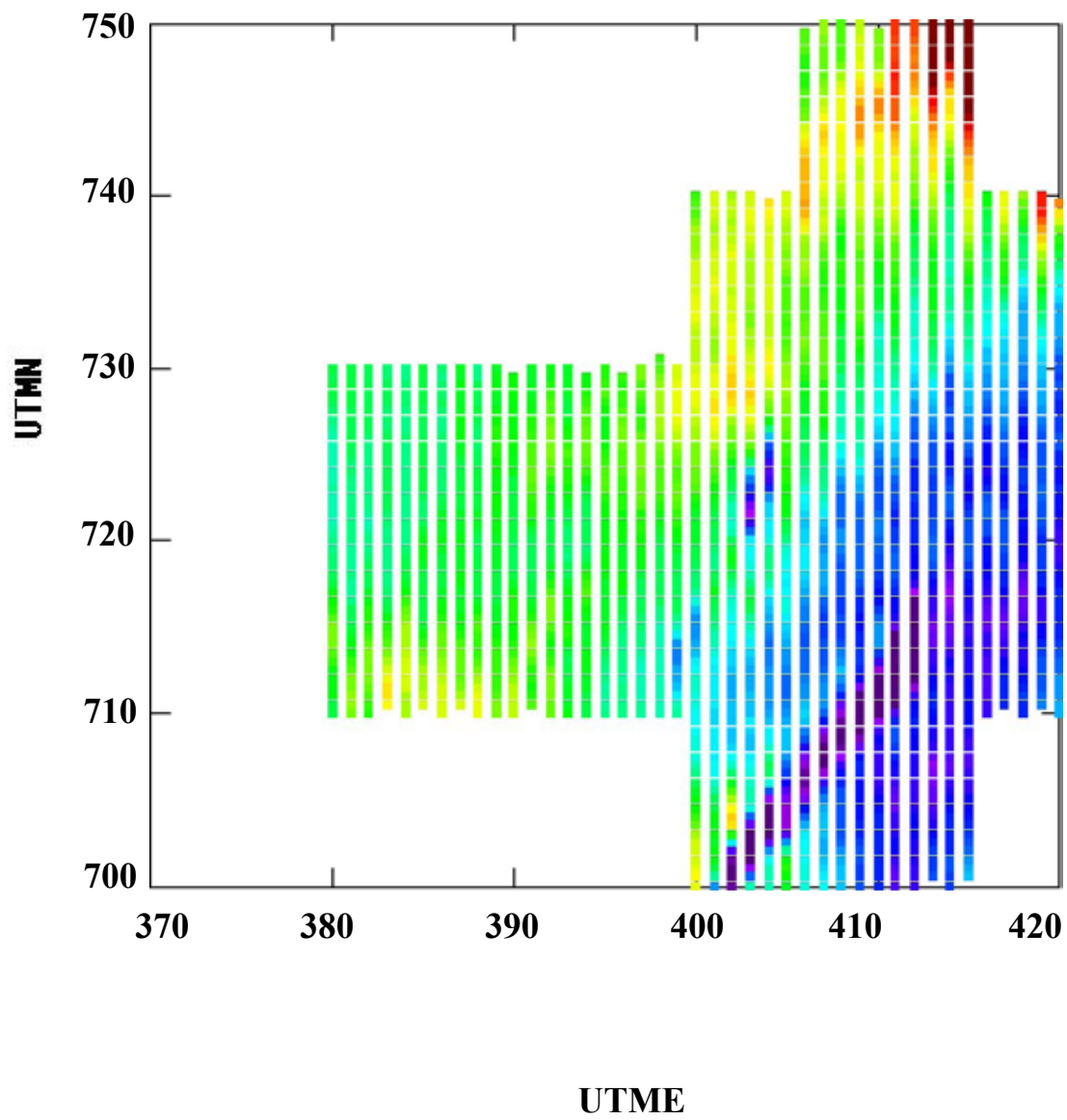


Figure 2. Conductivity map of Hólar 3. The range is from low conductivity (violet) 7.7 ms/m to high (red) 17 ms/m.

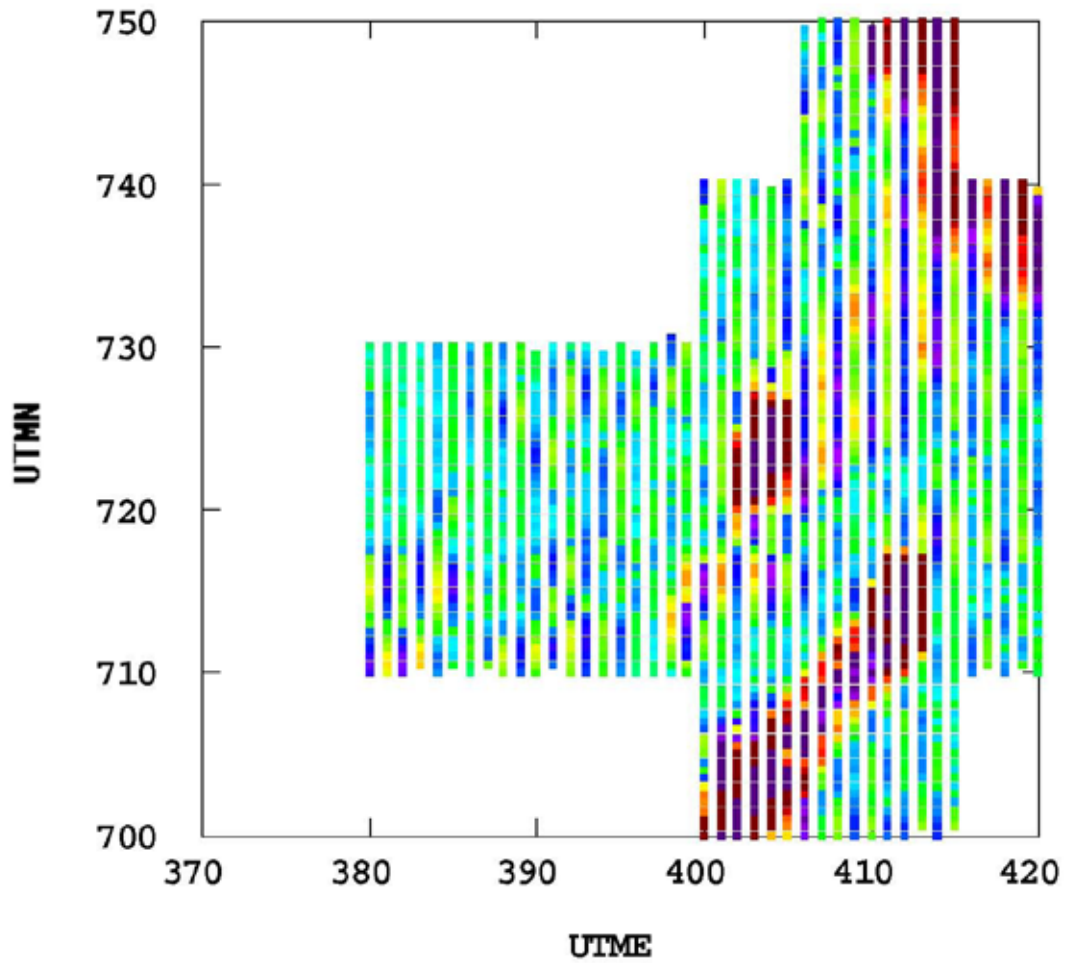


Figure 3. Conductivity contrast map of Hólar 9.

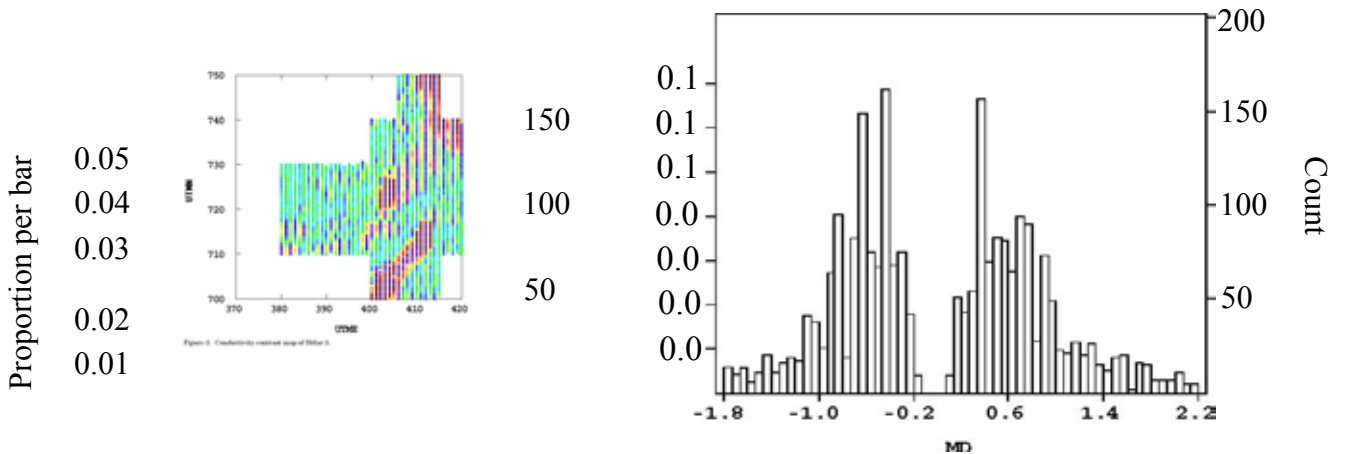


Figure 4. Histograms of conductivity (left) and conductivity contrast (right) from EM-31 readings at Hólar. The scales of the histograms correspond to the violet–red scales in Figure 2 and Figure 3 respectively.

Auger Holes

Four auger holes were excavated at Hólar 3. Primarily, there were put into apparent anomalies, features, though not the northern, high conductivity anomaly. Holes 404,724 and 410,710 were put in to investigate low conductivity anomalies, the former, for the small one, and the latter to investigate the liner anomaly. All measurements are in cemeteries below ground surface.

404,724

Placed to investigate low (6 ms/m surrounded by 12 ms/m readings). It is likely that metal, placed into an old structure produced this anomaly. In all likelihood, the metal hid the low conductivity signatures of the turf wall.

0-16 Top soil with little cultural material

16-29 black greasy layer with metal of various sizes.

30-34 black organic clay

34-86 Turf wall.

86-107 sterile loose clay with organic matter

107-123 ice age moraine

123 bottom.

710,420

Placed because core could not go deeper than 12 cm and because there is a structure on a map from 1917. No significant anomaly was

observed on the remote sensing.

0-10 top soil

10-15 turfs mixed with charcoal.

15-40 Undifferentiated soil mixed with burnt rock and charcoal

40-50 Charcoal deposit

50-55 Organic brown soil

55 bottom

420,719

Placed because 420,720 had large stones and could not be continued below 15 cm. Placed in the eastern most section of a large area of low conductivity. No specific change in conductivity was observed associated with the location. On the Northwest side, from 20 to 38 cm down, a collection of rocks in a possible artificial arrangement. The fill around these rocks contains charcoal, bone and burnt red stone.

0-20 top soil

20-24 Charcoal and soil

24-27 yellow tephra (probably prehistoric Hekla)

27-38 Orange soil

38 Bottom

410, 710

Auger put in to understand linear negative anomaly running from 400,700 to 415 to 715. Hole was difficult to drill because of the tremendous number of stones present from 35-50 cm. The linear low conductivity anomaly would appear to be due to a rock construction

0-35 loose soil with rock, charcoal, and some bone

35-50 large stones

50-65 loose charcoal with soil

65 bottom

Macrobotanical remains

Steve L. Martin

During the 2001 and 2002 field seasons of the Skagafjörður Archaeological Settlement Survey (SASS), a number of sediment samples were collected for macrobotanical analysis. Samples were also taken from excavations being conducted at Hólar by (Hólaskóli, Byggðasafn Skagfirðinga og Þjóðminjasafn Íslands) under the direction of Ragnheiður Traustadóttir. The main goal of SASS (under the direction of John Steinberg) is to chart the long-term (900 years), household level economic change of a number of farms in the northern Icelandic fjord valley of Skagafjörður. The Norse Vikings practiced an agrarian economy in which plants provided fuel, food, building materials as well as summer graze and winter fodder for livestock. Thus, macrobotanical remains those carbonized, desiccated, or waterlogged plant parts that can be identified under low-power magnification recovered from archaeological contexts should offer vital information concerning the economic status of the farms in question. The archaeobotanical remains recovered from various structures at Hólar should likewise yield valuable economic data. Unfortunately, very few macrobotanical studies have been conducted in Iceland (cf. Zutter 1989, 1992, 1997, 1999, 2000). This is most likely due to a perception by Icelandic archaeologists that the intense freeze/thaw conditions prevent macroremains from

preserving in archaeological deposits.

In order to determine if macroremains are in fact preserved in archaeological deposits in the valley of Skagafjörður, a macrobotanical analysis was carried out during the SASS 2001 field season. This report addresses issues concerning the sampling, extraction, and processing of sediment samples recovered during this first season and presents suggestions and recommendations for future research of a similar nature. Samples collected from the 2002 field season have yet to be processed, although they have all been extracted in the field using the mechanical flotation device described below. Subsequent reports will discuss the qualitative and quantitative results of the analysis.

Sampling

After turf structures had been located using remote sensing techniques, trenches were dug so as to allow characterization and dating (via tephra layers) of the structures. Column samples as well as point samples were taken from these exposed profiles (see Table 1). All deposit types exposed in the profiles were sampled (e.g., midden, turf, ash and charcoal lenses). Additionally, a riverbank cut at Reynisstaður exposed a midden deposit that was capped by tephra layers. A point sample was taken from

this profile.

At least two liters of sediment was taken from each location unless the context prevented a sample of that minimum size. This sample size proved to be more than sufficient (see below). The samples were not screened or preprocessed in any way prior to flotation. Column samples were taken from stratigraphic levels that correlated with those of the excavations or, if no stratigraphy was visible, arbitrary 20 cm intervals. Point samples were taken from discrete deposits. Both column and point sample locations were noted on profile drawings. Profiles were cleaned from the top down and sampled from the bottom up so as to prevent contamination. A cleaned trowel was used to collect samples and care was taken to prevent cross contamination between contexts. Samples were tagged with detailed provenience information and bagged in heavy duty (4 mil) plastic zip lock bags of appropriate size. During the 2002 field season of SASS project, 7 sites, comprising a total sediment volume of 232.4 liters, were sampled. Twelve samples, comprising a total sediment volume of 132.1 liters, were recovered from areal excavations at Hólar

Extraction

Flotation is the most common process whereby macrobotanical remains are concentrated and recovered from archaeological sediments. Although there is variation in the construction and operation of flotation systems, they are all based on the same principle: when

archaeological sediments are placed in water, the dense sediment sinks and buoyant plant remains float and are recovered.

Due to the remoteness of the survey area, the lack of necessary supplies, and the inaccessibility of running water, a manual system was employed during the 2001 field season of the SASS project. Sediment samples collected in the field were brought back to the field laboratory and manually floated using the decanting procedure (Pearsall 1989). After the volume of a sediment sample was measured, it was poured into a 10 gallon bucket containing water. The sample was agitated so as to allow plant material to float to the surface where it is then decanted into chiffon netting (0.02 mm mesh). This portion forms the light fraction, which is hung to dry for at least 24 hours. Sediment remaining in the bucket was poured into a 1.0 mm mesh sieve. This yields a heavy fraction, which is dried on paper and saved for future analysis. All heavy fractions were examined for the presence of carbonized plant material.

During the 2002 field season of the SASS and project, soil samples were processed in a mechanical flotation device following Watson's (1976) design and processing procedure. The flotation device consists of a 35 gallon water-filled drum with an insert screen possessing 1.0 mm openings. Soil samples of known volume were slowly poured into the partially submerged insert screen. Low density carbonized botanical remains (light

fraction) float to the surface and are directed out of the drum, via a sluiceway, into chiffon netting (0.02 mm openings). High density carbonized botanical remains are brought to the surface by the action of water agitation and stirring. This procedure is performed until no carbonized plant material is seen flowing into the netting. A siphon is then used to remove any carbonized material that has become waterlogged and remains submerged (Gumerman and Umemoto 1987). Once the siphon process is completed the netting is hung to dry and the material remaining in the insert screen (heavy fraction) is set out to dry and saved for future analysis. All heavy fractions were examined for the presence of botanical material.

Sorting

All dried light fractions were sifted through a series of nested sieves (2.00, 1.00, and 0.50 mm), yielding four size fractions (>2.00 mm, 2.00-1.00 mm, 1.00-0.50 mm, and <0.50 mm) in preparation for sorting. The light fraction is divided as such for two reasons. First, it is easier to sort material of similar size, given the shallow depth of field of the incident light binocular microscope (10-40x) employed. Second, it allows the analyst to selectively remove distinct materials from each fraction. In this analysis, carbonized and uncarbonized wood, carbonized peat aggregates, uncarbonized masses of stems and leaves, and carbonized amorphous material are only removed from the >2.00 mm fraction and weighed. Seeds and seed fragments are removed from all size fractions. The <0.50 mm

fraction is considered residue and is quickly scanned for whole seeds. A representative sample of uncarbonized insect parts is removed from the samples as well. *Selaginella selaginoides* (lesser clubmoss) megaspores, uncarbonized peat moss, and suspected fungal sclerotia are noted but not removed.

In temperate environments, plant material generally decomposes in a relatively short period of time after deposition. Therefore, uncarbonized plant remains usually represent contamination by modern vegetation (Keepax 1977; Lopinot and Brussell 1982; Minnis 1978, 1981). However, a number of deeply buried deposits (>2 m), capped by tephra layers, yielded considerable amounts of uncarbonized seeds. Given the lack of burrowing rodents in Iceland, it is unlikely that these seeds have been introduced into these deposits. Zutter (1999) considered only charred and degraded plant material as being old while items that appeared fresh as being modern. She found that midden deposits preserved uncarbonized plant material whereas the superficial strata of other contexts contained contamination from modern vegetation (Zutter, pers. comm.). I suspect that a high concentration of peat in some of the deposits has produced aseptic conditions allowing the preservation of uncarbonized plant remains. Some of the uncarbonized seeds recovered are clearly modern contaminants, such as the recent alien *Chenopodium album* L. (lamb's quarters) that was recovered from a point sample taken from the upper levels of a trench at Hólar (Sample 17). Since many of the recovered seeds, such as *Stellaria media* (L.)

Vill. (common chickweed) are weedy annuals, their cultural significance must be interpreted carefully. It is clear that the consideration of uncarbonized plant remains will have to be evaluated on a sample by sample basis.

Only the samples from the 2001 field season of the SASS project have been sorted. Thus, qualitative and quantitative comments are of a preliminary nature. The botanical nomenclature used here follows Kristinsson (1987). In addition to the other taxa mentioned, both carbonized and uncarbonized seeds of numerous species of *Carex* (sedge) have been recovered. The presence of a perigynium on a number of the uncarbonized specimens many allow identification to the species level. Other seeds thus far identified, in carbonized or uncarbonized form, include: *Empetrum nigrum* L. (crowberry), *Hippuris vulgaris* L. (mare's-tail), *Polygonum* spp. (knotgrass), *Ranunculus* sp. (buttercup), *Rumex* sp. (sorrel), *Scirpus* spp. (bulrush), *Vaccinium* sp. (cranberry, bilberry), and *Viola* sp. (violet). Two carbonized and one uncarbonized cereal grains were recovered from Hólar, all of which compare favorable with *Hordeum vulgare* (barley) although the carbonized specimens are highly distorted. Poaceae (grass) seeds of at least four species have also been recovered. A cursory examination of the uncarbonized wood shows most of it to be *Pinus* sp. (pine) whereas all the carbonized wood recovered thus far appears to be *Betula* sp. (birch). Uncarbonized wood and bark of birch has also been recovered. Carbonized fragments of dung and peat have also been recovered.

The large size of many of the light fractions has resulted in the need to conduct tallies (counting but not pulling of seeds). Some samples have yielded seed densities near 500 seeds/liter. Most of these seeds are uncarbonized, but from deep, undisturbed midden deposits. In the future, sub-sampling of the light fractions may be necessary, even for samples less than 2 liters in size.

Recommendations

Sampling. Since the inclusion and interpretation of uncarbonized macrobotanical remains is by no means straight forward, farmhouses abandoned during historic times and present-day farmyard sites need to be sampled. A present-day farm that uses traditional methods of haying and foddering their animals should have its barn floor, fresh hay, feeding trough, and barn refuse deposits sampled. Similar structures and deposits, and turf walls themselves, for a farm that was abandoned during historic times should also be samples. These farm samples, along with modern control samples, will allow structure types to be associated with specific plant assemblages and indicate which taxa are likely to be modern contamination.

Midden samples have yielded the highest diversity and greatest density of seeds and wood (both uncarbonized and carbonized) of all contexts thus far examined. Surprisingly, samples designated as turf wall in the field have yielded very few botanical remains. Again, an examination of the walls of historic turf structures should indicate their botanical

components. Samples of dried, compressed peat should also be collected and subjected to different heating regimes so as to determine its morphology when carbonized or burned to ash.

Extraction. The lack of running water during the 2001 season made the flotation of the sediment samples very difficult and time consuming. A relatively large amount of material became waterlogged and had to be removed from the wet screened heavy fraction. The construction of a mechanical flotation device for the Hólarannsóknin, (Þjóðminjasafn Íslands, Hólaskóli og Byggðasafn Skagfirðinga during the 2002 field season resulted in a much higher rate of recovery and allowed for the use of a siphon to remove any botanical material that had become waterlogged (Gumerman and Umemoto 1987). The mechanical flotation device also proved to be an efficient means

of recovering insect remains found in the sediments samples. Being less destructive than the wet sieving approach typically used to recover such remains, all light fractions from Hólar were examined wet by the archaeoentomologist Magnus Hellqvist prior to drying.

Sorting. At this time, only the samples from the 2001 season have been sorted. All of the light fractions are being examined in their entirety and no sub-sampling has been carried out. As mentioned above, a number of the samples contain a rather large amount of uncarbonized plant material, most of which is modern contamination. In the future, adjustments to the sampling procedure (i.e., vary sample volumes by context) should make the examination of light fractions more manageable.

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Table 1. Provenience Information for the Analyzed Soil Samples from the 2001 Field Season of the Skagafjörður Archaeological Settlement Survey (SASS) project.

Sample Nr.	Site	UTM		Depth (cm)*	Volume (liters)	Location	Sample Type
		East	North				
27	Glaumbær	0569035.2-035.4	7277589.4	14-30	3.4	south wall	column sample
26	Glaumbær	0569035.2-035.4	7277589.4	30-43	3.4	south wall	column sample
25	Glaumbær	0569035.2-035.4	7277589.4	43-55	2.3	south wall	column sample
24	Glaumbær	0569035.2-035.4	7277589.4	55-76	4.4	south wall	column sample
4	Hof	5872352-352.2	7289570.5	0-20	5.2	north wall, midden	column sample
5	Hof	5872352-352.2	7289570.5	20-40	5.2	north wall, midden	column sample
6	Hof	5872352-352.2	7289570.5	40-60	5.8	north wall, midden	column sample
13	Hólar	0586343.2-343.4	7291666.0	0-42	5.4	north wall	column sample
12	Hólar	0586343.2-343.4	7291666.0	42-62	4.7	north wall	column sample
11	Hólar	0586343.2-343.4	7291666.0	62-74	3.7	north wall	column sample
10	Hólar	0586343.2-343.4	7291666.0	74-80	1.4	north wall	column sample
9	Hólar	0586343.2-343.4	7291666.0	80-100	4.4	north wall, dark soil	column sample
16	Hólar	0586409.5	7291601-601.2	35-57	5.4	east wall, central bulk	column sample
15	Hólar	0586409.5	7291601-601.2	57-62	1.5	east wall, central bulk	column sample
14	Hólar	0586409.5	7291601-601.2	62-80	3.5	east wall, central bulk	column sample
17	Hólar	0586318.6-319.2		29-52	5.5	north wall	point sample
23	Hólar	0586433.8-434.0	7291622	0-25	3.7	north wall	column sample
22	Hólar	0586433.8-434.0	7291622	25-57	5.0	north wall	column sample
21	Hólar	0586433.8-434.0	7291622	57-77	3.8	north wall	column sample
20	Hólar	0586433.8-434.0	7291622	77-85	1.8	north wall	column sample
19	Hólar	0586433.8-434.0	7291622	85-95	1.7	north wall	column sample
18	Hólar	0586433.8-434.0	7291622	95-120	3.6	north wall	column sample
1	Reynistaður	0566016.0	7282250.0	100	4.6	south wall, rock feature	point sample
2	Reynistaður	0566016.0	7282250.0	48-77	5.1	south wall, turf layer	point sample
3	Reynistaður	0566016.0	7282250.0	77-92	6.1	south wall, pit below turf	point sample
7	Reynistaður			78-100	4.6	river cut behind church, midden	point sample
8	Reynistaður	0566016.0	7282530.0	78	3.1	south wall, organic layer	point sample

* below ground surface.

Insect fossils from Hólar

Magnus Hellqvist

During the 2002 excavations at Hólar in Hjaltadalur, several samples were sampled for different analysis. There was a unique occasion to follow the progress at the excavation and to simultaneously process soil samples, and also bone samples, as they were collected. This provides not only good possibilities to direct dialogue with archaeologists in field and the interpretation of the constructions or layers, but also makes the planning for the next years excavation easier.

The simultaneously work also creates an understanding for the archaeological fieldwork and different analysis methods in connection to the archaeological work. There is possibilities for direct dialogue and discussion during work with the field context.

The work with the insect fossil samples the first year, raised questions and aims for the continuation. There is a 18th – 19th century floor sample in context 89 in the remnants of the printing house. The insect fossils from this context was well preserved and provides an interesting historic floor sample to be compared with the floor samples from other houses in Hólar. This may when compared with other samples provide interesting insight to the beetle composition in houses at Hólar, in the same local environment. This also makes it very

interesting to sample modern and submodern samples in the surroundings of Hólar, together with stratified peat of some age to get a picture of the environmental conditions of the valley and how this affects the beetle fauna.

The fact that samples are taken during the excavation and are processed simultaneously, with possibilities of insight in the stratigraphical record, starts an dialogue between archaeologists at field and those working with different methods, mainly in laboratory. This opens for good opportunities of method development.

There are particular questions connected to the interpretation of beetles fossils. Any possibilities to interpret the local or regional climate is of big interest, especially in the light of human settlements and changes within that. This may though be difficult since the human settlement presents special conditions that may rule out the dependency of climate and usually is beetles attracted that are more attracted by substrates and human habitats. The human environment interpreted from insect fossils is always of interest, the opportunity of samples representing different time units in the same environment, like indoors, makes this results even more interesting from several angles. There is similarly interesting to use any method to increase the understanding of the

use of the house and its different parts through time. An interesting question is whether there it is possible to see any site status from the palaeoecological record, in the same way as was presented in Amorosi et al. (1992) in investigations at Bessastaðir. Especially since Hólar also represents a site with known status.

Sampled areas at Hólar and method

The excavated area in Hólar was divided into several smaller or bigger excavation areas (A-F). Briefly they can be presented as follows, but the archaeological information (personal and described) is best for more precise description and interpretation.

- A smaller trench, disturbed, but with remnants of a fire place with slag after iron work. Interpreted as old. *No samples for insects fossils.*
 - A larger shaft, with a toplayer where there was found remnants after a building from 1905. A larger trench was opened and under the “modern” building there was a partly turfwall in the south; followed by a black bad smelling organic layer in the centre - *sampled for insects fossils*; finished in the south peat ash layer with charcoal - *sampled for insects fossils.*
 - A smaller trench. *No samples for insects fossils.*
 - The largest shaft with the remnants of the former printing house. During a period after the printing activity, the house was used to stable horses during the 19th century. *Samples for insects fossils* was collected
- in on part with lots of twigs and organic material, interpreted as a fallen roof, overlaying a interpreted layer of dung.
 - A larger trench that was laying in more or less north-south direction, with a stratigraphy of layers (101-112) described 2001 in a smaller test trench and 2002 investigated more expanded in the bigger trench. In the upper part the layers was interpreted as from a midden, of very present age. Further down there was remnants of a what is interpreted as a house (layer 104) – probably of old age. The overlaying turf layer (105), is most probably a layer from the house during decay. *Samples for insects fossils* was collected in all layers until layer 104, where the excavation stopped at 2002.
 - A smaller trench, where a tunnel was found. *No samples for insects.*

Samples for insect analysis was washed through a 0.25 mm sieve. Macroscopic remains of insects were sorted out from the sieve residue under a stereomicroscope at low magnification. The identification of the remains is usually carried out using keys for modern specimens and by comparison with modern specimens from reference collections.

Subfossil beetles (Coleoptera) dominate the record and is the main group to be studied. All the species found are present in the area today. Remains of pupparia of true flies (Diptera) were also found, but are not further discussed in this paper. But, the Diptera finds will be studied in separate investigation by Dr Eva

Panagiotakopulu at University of Sheffield, Department of Archaeology and Prehistory.

Studies of macroscopic plant remains is also performed in Hólar project. Dr Steve Martin has collected samples and sub samples for studies of macroscopic plant remains in the same sample as collected for insect fossil remains studies. This increase the strength of the environment investigation at Hólar. Also pollen analysis is supposed to be established around the settlement.

Preservation in the samples and diversity

The preservation degree in the samples is generally very good. There were few fossil remains with oxidised or very bleached surface, colour was normally good but sometimes pail. The majority of the remains are easily identifiable.

During the work with the samples some questions was raised about the diversity of the beetle composition of the samples. Even when a relatively high number of remains of beetle fossil parts was found. The diversity could be ruled by factors like for example bad preservation, the deposition history of either the excavated and sampled feature or the behaviour of the beetles.

Usually bad preservation makes small species disappear quicker than larger specimens, but bad preservation conditions is usually easy to recognise also on remains of the larger specimens. Deposition history (taphonomy)

is together with the beetles behaviour the most important factors affecting the beetle composition diversity. In a settlement area there are several habitats and substrates that may attract insects and several insects have adapted to these environment, so there may be a large number of species and individuals in these deposits. Middens and storing areas are such deposits. Species may also be trapped during flight or/and search for food, like in wells. There is also the opportunity that species of insects may accidentally be transported to a deposition in an environment where they normally do not live, like in building materials for houses.

Finally there are species that find more suitable living conditions in the human environment than in the natural environment, sometimes they may as a consequence of this live further north than normally. Habitats in this group are as example attractive substrates – like dung, stored food, large areas of cultivated plants etc, warmed houses or other human created habitats. This group of insects is of course very interesting in work with human settlements. The group is referred to as *Synanthropic*.

The composition of the beetle species in samples from Hólar investigations 2002, are similar to compositions found in other excavated areas where the samples are mainly collected from inside houses – like old floor layers or remnants of a decayed house, mainly roof remnants. The other excavated settlements are Bessastaðir á Álftanesi (samples from indoor, collected 1993), Hofstaðir í Garðabæ (collected

between 1994-1996 and 1998), Keldur á Rangávöllum, Eiríkstaðir í Haukadal (collected 1997; Hellqvist, unpublished) and Breiðavík (Hellqvist, 2001).

Soil properties

The soil properties are generally sandy silt, clayey silt and silty clay. The clayey silt is usually the most common variant. No loss on ignition has been tested to the soil samples this year, but the organic content is probably generally quite high. This may be concluded, since the samples are rich in organic particles like seed, wood fragments, twigs, insects etc

Results and discussion

The complete insect analysis is still to be progressed, but some general results and a few beetle species may be discussed. The most common species found in all samples, which is also relatively rich in number of individuals, is the weevils *Otiorhynchus nodosus* and/or *Otiorhynchus arcticus* – the two species are very similar and are best separated in reference collection. Sporadically in samples from house floors the beetle *Lathridius minutus* occur. Another species common in floor samples or from inside houses is the spider beetle *Ptinus fur*. Information on the biology of the species is from Larsson and Gigja (1958) and Palm (1996).

The weevil species *Otiorrhynchus nodosus* and *O. arcticus* are both living in quite common habitats. They are usually found in Iceland at drier habitats. *O. arcticus* may also be found

in dryer and meagre habitats, it is also found on sandy ground with little vegetation and heaths, but on the contrary it may also be found along river banks both rich and poor in vegetation. *O. nodosus* is found in many varied biotopes (eurytopic) in moss and under stones. The beetle and its larvae's feed on a variety of plants (herbs). They are **not** particularly bounded to human environments or living in close association with man (synanthropic) and therefore it was probably introduced into the sampled houses either during the building time of longhouse and/or pit house, most likely in the building material, or it came in to the house by accidental transport in substrates – for example in fodder if the building was used as stable.

Lathridius minutus is common everywhere in Iceland and it is only **synanthropic** and is feeding on mould, spores as well as hyphae. The spider beetle *Ptinus fur* is also **synanthropic** and found inside houses. It usually originate in birds nests, but spider beetles larvae may infest all manner of dry animal and vegetable matter including grain, spices, fish meal, dried fruit and a wide variety of miscellaneous debris. The adult *Ptinus fur* may also damage packaging bags and sacks. The species is today usually on listings of *common pests* indoors, but the interpretation can not automatically be in this direction until there are more (more individuals of this species and other species) and other indicators (in plant remains etc) in this direction.

Conclusion 2002 and questions 2003

1. Preservation degree is generally satisfying, which points in the direction that there are good opportunities to collect samples for palaeoecological analyses like insects and plant remains. The results of pollen analysis is still to be explored.
2. Samples from natural deposits in the surroundings would improve the interpretation of the samples from cultural deposits.
3. In area D, context 82, the beetle remains verify the both written source and excavated part of the building, interpreted as stable. There is also found parts of what is interpreted as dung.
4. In area E, context 109 and 108, the layers are mixed and modern. The beetle remains are species connected to the plants living on the spot or connected to similar deposited as trash.
5. In area E, context 107 and 106, the beetle remains may well be species deposited as trash with plant remains but probably of sub recent or historic age.
6. In area E, context 105, the beetle remains - due to low diversity and indications of indoors - points to the conclusion that the layer has its origin from a building. The layer may be decayed part of a building, being remains of wall and/or roof.
7. In area E, context 104, the beetle remains similarly to context 105, points to the conclusion that the layer has its origin from a building. Also the archaeological interpretation is that this layer is from a building.
8. Changing development in Hólar during 900 years, both indoor and in the settlement environment.
9. As the excavation continues, questions always rise about how the houses have been used and insect remains is one way to interpret the use of parts or the whole house.
10. The closely related and simultaneously work between field archaeology and analyses, creates good opportunities for method development.
11. An important aim when working with beetle remains, if possible, is to interpret local and regional climate.
12. The relations between human settlement and the natural environment is always important and the close relation between man and nature in Iceland increase possibilities to understand this..
13. A common question for interpretation of both insect remains and bone remnants, is to explore to recognise any site status through the palaeoecological record as Amorosi et al. (1992) has presented from Bessastaðir.

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Unpublished references

- Personal comments from excavating archaeologists.
- Plans and descriptions produced during the archaeological excavation.
- Local information about Hólar history.

Preliminär Osteologisk Analys – Djurbensmaterial

Ylva Bäckström

Den osteologiska analysen omfattar benmaterial från årets (2002) arkeologiska undersökning av biskopssätet Hólar i Hjaltadal på norra Island. Undersökningen ingår i ett flerårigt forskningsprojekt (*Hólarannsóknin*) under ledning av Ragnheiður Traustadóttir. Projektet är tvärvetenskapligt och omfattar ämnena arkeologi, ortnamnsforskning, historia och naturgeografi. Projektets mål är bl a att undersöka biskoparnas/biskopsätets ekonomi, bebyggelsestrukturer och hustyper, samt granska förbindelser mellan Hólar och andra nyckelorter i området bl a landnamsgården Hof, hamn- och handelsplatsen Kolkuós samt klostren på Þingeyri och Reynistað. I detta avseende kommer ytterligare arkeologiska undersökningar, av bl a Hof och hamnen och handelsplatsen Kolkuós, att genomföras.

Målsättning

Den övergripande målsättningen är: att allt benmaterial som kronologiskt kan bedömas ska analyseras. Av största vikt är att man vid fältarbetet samlar ben från olika kontexter/lager i separata påsar så att inte kulturlager från olika tidsepoker sammanblandas.

Analysen av benmaterialet kommer att inriktas på:

- de undersökta platsernas ekonomi (Hólar, Hof och Kolkuós) och om möjligt även deras sociala status.

Benmaterial från boplatser kan, tillsammans med övrigt fyndmaterial och kontexter, ge indikationer på hög status kontra låg status. Andelen jaktvilt är t ex i Sverige generellt sett liten på järnåldersboplatser. Men förekomst av jaktvilt samt en hög andel slaktade ungdjur bland tamboskapen skulle kunna indikera en ”rik” boplatz (se t ex Vretemark 1989). Även fynd av rovfågel, framför allt i gravar, tolkas som statusmarkörer. Men skillnaderna i artrikedom mellan det fastlandsskandinaviska området och Island gör att man ställer sig frågan om samma statusmarkörer har existerat? För att kunna se skillnader i status krävs ett referensmaterial, d v s i detta fall sammanställningar av hittills analyserade benmaterial på Island, för att tydliggöra skillnaderna mellan en ”normal” gård och en gård med ”högre status”. I detta sammanhang är det även intressant att undersöka handeln i Kolkuós och handelsförbindelser med de övriga platserna som kommer att undersökas. Framför allt kan förekomst av arter som inte finns naturligt på Island påvisa långväga handel, något som troligen enbart kom människor med större rikedomar till godo.

Intressant är även att undersöka skillnader i ekonomi mellan förkristna och kristna

kontexter, framför allt mellan Hof och Hólar.

- den rumsliga indelningen av olika enheter (hus, gård och by) (matförråd, slaktområden, hantverksområden m m). För att kunna tolka analysresultatet bör detta illustreras genom spridningskartor med olika parametrar (t ex slaktavfall, matavfall, bearbetade ben, brända ben o s v). Resultatet av benspridningen kan även kombineras med fyndspridning, undersökta anläggningar, ev fosfatkartering och ev en analys av organiskt material och spårämnesanalys av jord och keramik.

Det analyserade benmaterialet från samtliga undersökningar ska sedan sammanställas och genom jämförelser med tidigare undersökta material infogas i ett vidare, geografiskt och kronologiskt, perspektiv. Av intresse är framför allt jämförelser med samtida högstatusmiljöer i Skandinavien. Vilka djur har ansetts förhöja en rituell/religiös eller världslig ledares status och anseende? Förekommer det skillnader mellan de nordiska länderna?

Preliminär Osteologisk Analys

Stora mängder obrända djurben samlades in från säsongens undersökningar i Hólar och sammanlagt har nästan 60 kg ben analyserats. Ytterligare ben samlades in, men ansågs härröra från omrörda och störda lager, och har därför uteslutits ur analysen. Analysen är preliminär, eftersom en stratigrafisk analys av de undersökta ytorna ännu inte har gjorts. En mer utförlig rapport med metodbeskrivning

planeras till nästa säsong (2003).

Materialet består nästan enbart av obrända djurben och är mycket välbevarat. I genomsnitt väger ett benfragment omkring 10 gram.

I analysen ingår en art- och benslagsbestämning (inklusive bestämning av bendel och sida), en köns- och åldersbedömning om möjligt, samt en kvantifiering (antal fragment, vikt och beräkning av minsta individantal (MIND)) av materialet (Silver 1969). De ben som inte har kunnat bestämmas till art eller benslag har enbart vägts. Dessutom har sjukliga förändringar eller andra förändringar på benen noterats (t ex spår av slakt). Som underlag till mankhöjdsberäkningar har mätningar av framför allt mellanhand- och mellanfotsben gjorts (Driesch 1976, Howard 1963, Koudelka 1885, Teichert 1975). Ben från får och getter kan vara svåra att skilja från varandra, men vissa skillnader finns på både tänder och andra ben (Boessneck 1969, Payne 1985). Samtliga data har registrerats i en databas. Som referensmaterial har bensamlingen från den osteologiska avdelningen på Statens Historiska museum i Stockholm använts.

En indelning av benmaterialet i primärt slakt- och matavfall har gjorts för område D, lager 89.

Om andelen köttrika ben (matavfall) överstiger 38,5 % av det totala antalet benfragment så betyder det att matavfallet är överrepresenterat. Detta är ett medelvärde som beräknats utifrån en procentuell uppskattning över hur stor andel av skeletten av får/getter (41 %), kor (41 %) och grisar (36 %) som består av köttrika ben (Sigvallius 1988 s 43f).



Resultat

Det analyserade materialet innehåller ben från de vanliga tamdjursarterna får, nöt, häst, hund och gris, fig 1 och 3. Ben av får dominerar starkt, men även en hel del ben av ko förekommer. Endast ett fåtal fragment av häst, hund och gris är funna. Förekomsten av vilda däggdjursarter är liten, vilket speglar faunan på Island. De vilda däggdjursarterna representeras av ben från säl, antingen grå- eller knobbsäl, och val. De valben som har hittats är bearbetade och är omöjliga att artbestämma. I materialet finns även stora mängder av fisk och fågel, framför allt ben av kolja och sillgrissla, fig 2. Andra fågelarter är korp och andfågel.

Spår av slakt kan iakttagas på flertalet ben av

får, ko och häst. Man har även tagit vara på märgen, varvid två olika tekniker har använts. Antingen har benen, framför allt mellanhand- och mellanfotsben av får, mörkklivits vertikalt, eller så har hål borrats både i den proximala leden och på benskafvet ovanför den distala leden. Det sistnämnda har jag aldrig påträffat tidigare i något material. Ett test på hur fördelningen av slakt- och matavfall i område D visar en övervikt på matavfall, fig 4.

I benmaterialet från undersökningen av en medeltida gård i Herjólfsdalur på den nordöstra delen av Heimaey förekommer i stort sett samma djurarter som i Hólar, men ben från hund saknas, andelen tamsvin är betydligt högre och mängden fiskben är mycket liten. Bland fåglarna finns arter som havssula, tamhöns, sillgrissla och framför allt lunnefågel, vilken hittills inte har kunnat konstateras i materialet från Hólar (Hermanns-Auðardóttir 1989 s 122ff). Man bör ha i åtanke att detta material sannolikt inte är samtida med de lager som hittills har undersökts i Hólar. Vid undersökningen av de senmedeltida lämningarna i Bessastaðir hittades fynd av får, nöt, häst, gris, torsk och räva. Benmaterialet från tidig modern tid (1600-1849) uppvisar en större artrikedom, där även tecken på handel kan skönjas genom t ex förekomsten av brunråtta. I materialet finns även ben från valross, isbjörn och lax, vilka tolkas som viktiga handelsvaror. Fyndet av räva kan även indikera att handel med päls förekommit (Amorosi m fl 1992 s 172ff).

Område och lager	Ovis aries (Får)		Bos taurus (Nöt)		Equus caballus (Häst)	Canis familiaris (Hund)	Sus domesticus (Gris)	Homo sapiens (Människa)	Mammalia indet. (Oberfömd däggdjursart)	SUMMA				
A150	6	78,4	1	5,3						7	83,7			
A152									2	4,5	2	4,5		
B20	4	62,2	2	48,8					1	0,6	7	111,6		
B22	1	1,6	3	76,3					1	1,9	5	79,8		
D50	968	8205,4	272	6996	9	259,8	2	17,1	48	989,1	1299	16467,4		
D51	734	6045,1	214	7087,4	1	47,5	6	24,2	45	458	1000	13662,2		
D52	193	1253	39	979,6	2	406,2			44	87,4	278	2726,2		
D83	7	74,7	2	53					3	2,6	12	130,3		
D89	1289	8788,2	363	8283,1	9	421,7	2	6,2	1	0,7	45	1328,4	1709	18828,3
E107	20	108,1	55	2438,2				2	65,3	6	96,2	83	2707,8	
E109	105	1058,8	36	2158,2			2	227,8	11	233,8	154	3678,6		
F	15	129,9	3	46,8	1	70,3			4	10,7	23	257,7		
SUMMA	3342	25805,4	990	28172,7	22	1205,5	12	275,3	2	65,3	1	0,7	210	3213,2
													4579	58738,1

Fig. 1. Förekommande däggdjursarter/område och lager. Antal fragment och vikt i gram.

Område och lager	Melanogrammus aeglefinus (Kolja)		Aves sp. (Fågel)		Urn aalge (Silgrissla)		Anatidae sp. (Andfågel)		Corvus corone (Korp)		Phocidae sp. (Säl)		Cetacea sp. (Val)		SUMMA	
A150																
A152																
B20																
B22																
D50	20	105,6	35	27,1	142	133,4	4	4,6			1	37,7			202	308,3
D51	36	61	3	0,4	82	65					1	28,4			122	154,8
D52	10	46,9			19	13,1									29	60
D83																
D89	56	232,1	50	30,4	56	34			1	0,8	1	3,1	3	61,9	167	362,3
E107			9	2,6											9	2,6
E109	2	18,5			14	10,6									16	29,1
F					6	6,4									6	6,4
SUMMA	124	464,1	97	60,5	319	262,5	4	4,6	1	0,8	3	69,2	3	61,9	551	923,5

Fig. 2. Förekommande fisk- och fågelarter/område och lager. Antal fragment och vikt i gram.

Område och lager	Ovis aries (Får)	Bos taurus (Nöt)	Equus caballus (Häst)	Canis familiaris (Hund)	Sus domesticus (Gris)	Melano grammus aeglefinus	Aves sp. (Fågel)	Uria aalge (Sillegriiska)	Anatidae sp. (Andfågel)	Corvus corone (Korp)	Phocidae sp. (Säl)	Cetacea sp. (Val)	SUMMA
A150	1	1											2
B20	1	1											2
B22	1	1											2
D50	29	4	1	1		5		13	2		1		56
D51	18	5	1	1		4		5			1		35
D52	5	1	1			3		2					12
D83	1	1											2
D89	32	4	1	1		13	1	13		1	1	1	68
E107	3	4			1		1						9
E109	3	2		2		1		3					11
F	1	1	1					1					4
SUMMA	95	25	5	5	1	26	2	37	2	1	3	1	203

Fig. 3. Minsta individantal (MIND)/djurart. Ben från obestämda däggdjur och människa ingår inte.

Område D, lager 89	Får		Nöt	
	Antal	Vikt (g)	Antal	Vikt (g)
<i>Primärt slaktavfall</i>				
Kraniefragment och tänder	419	2704,1	81	1312,8
Hand- och fotrotsben, falanger	57	205,6	58	1147,4
Summa	476	2909,7	139	2460,2
<i>Matavfall</i>				
Revben och kotor	138	542,9	108	1453,7
Skulderblad och höftben	75	635	12	529,5
Mellanhand- och mellanfotsben	142	1331,8	15	613,6
Långa rörben	451	3300,6	76	2440,7
Summa	806	5810,3	211	5037,5
TOTALT	1282	8720	350	7497,7
	62,9 %	66,6 %	60,3 %	67,2 %

Fig. 4. Fördelningen av primärt slaktavfall och matavfall av får och nöt i område D, lager 89.

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Soil coring

Douglas Bolender

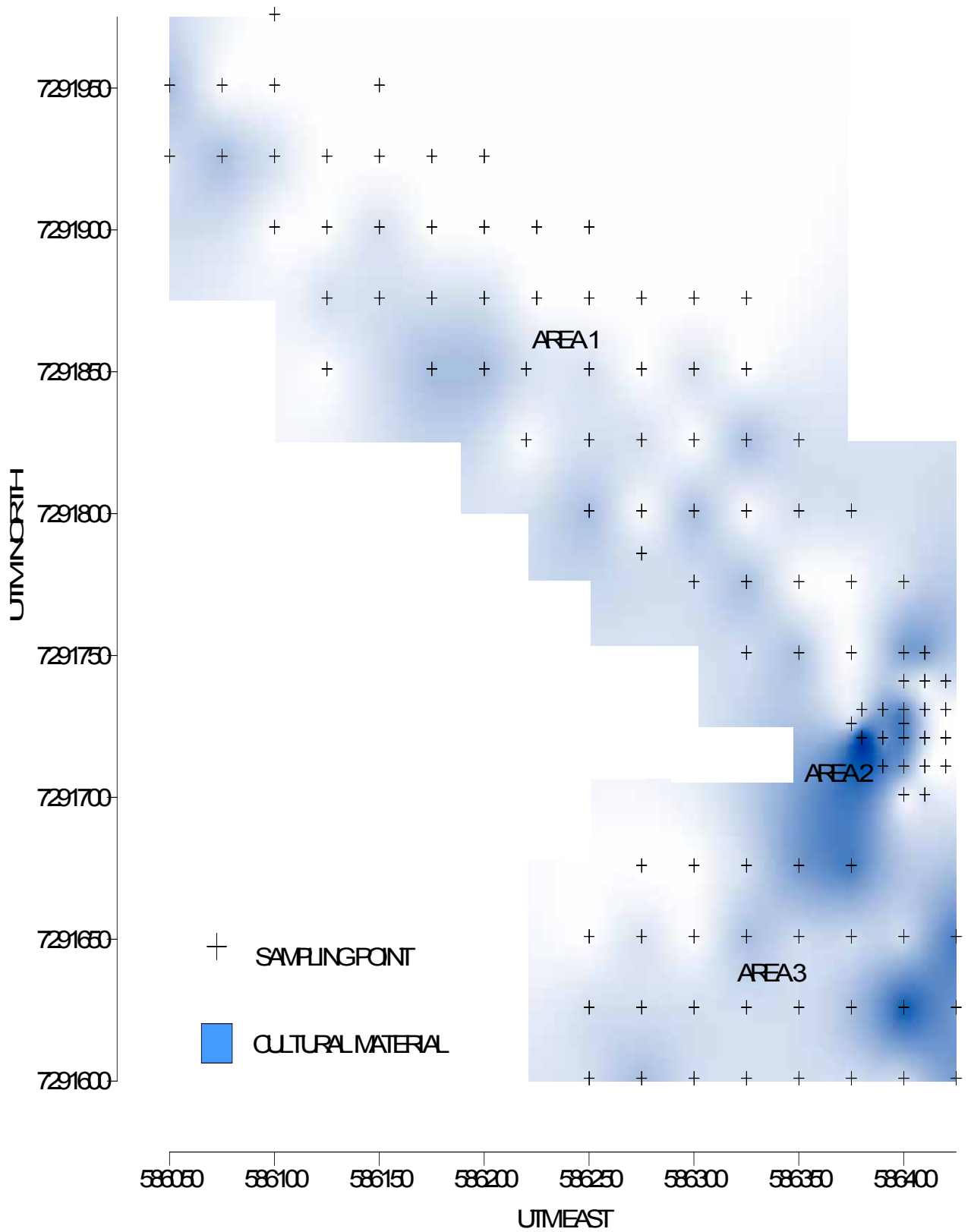
The fields to the southwest and northwest of the church were sampled.

The field northwest of the church (AREA 1) has the least intensive activity of the areas sampled at Hólar based on the presence of cultural material in core profiles. Cultural material is group in three main areas, each associated with evidence, such as turf debris, for past structures. In the area furthest away from the church structural remains are still visible on the surface. The concentration of cultural material around structural remains probably represent areas of agricultural intensification around out-buildings. Cultural material was identified in all soil horizons dating from after the Hekla 1104 tephra. However, tephra was not preserved consistently enough to date the relative intensity of activity areas and land-use based on the coring profiles alone.

The areas immediately northwest and southwest of the church (AREAS 2 & 3) show intensive land-use in the past. Coring profiles revealed large amounts of scattered cultural material – bone, charcoal, and peat ash – throughout the soil horizons and widespread midden deposits in these areas. Cultural material was identified in over 80% of the core profiles, many with multiple layers of mixed cultural material and midden. Due to the concentration of cultural

material and the obvious intensive land-use of this area in the past, it is difficult to distinguish areas of agricultural enrichment from other areas of human activity resulting in geo-chemical enrichment of soils. Distinguishing the areas and sequence of past land-use at the site will require extensive excavation and detailed coring to identify and distinguish buildings, cultural layers, and midden deposits from agricultural lands.

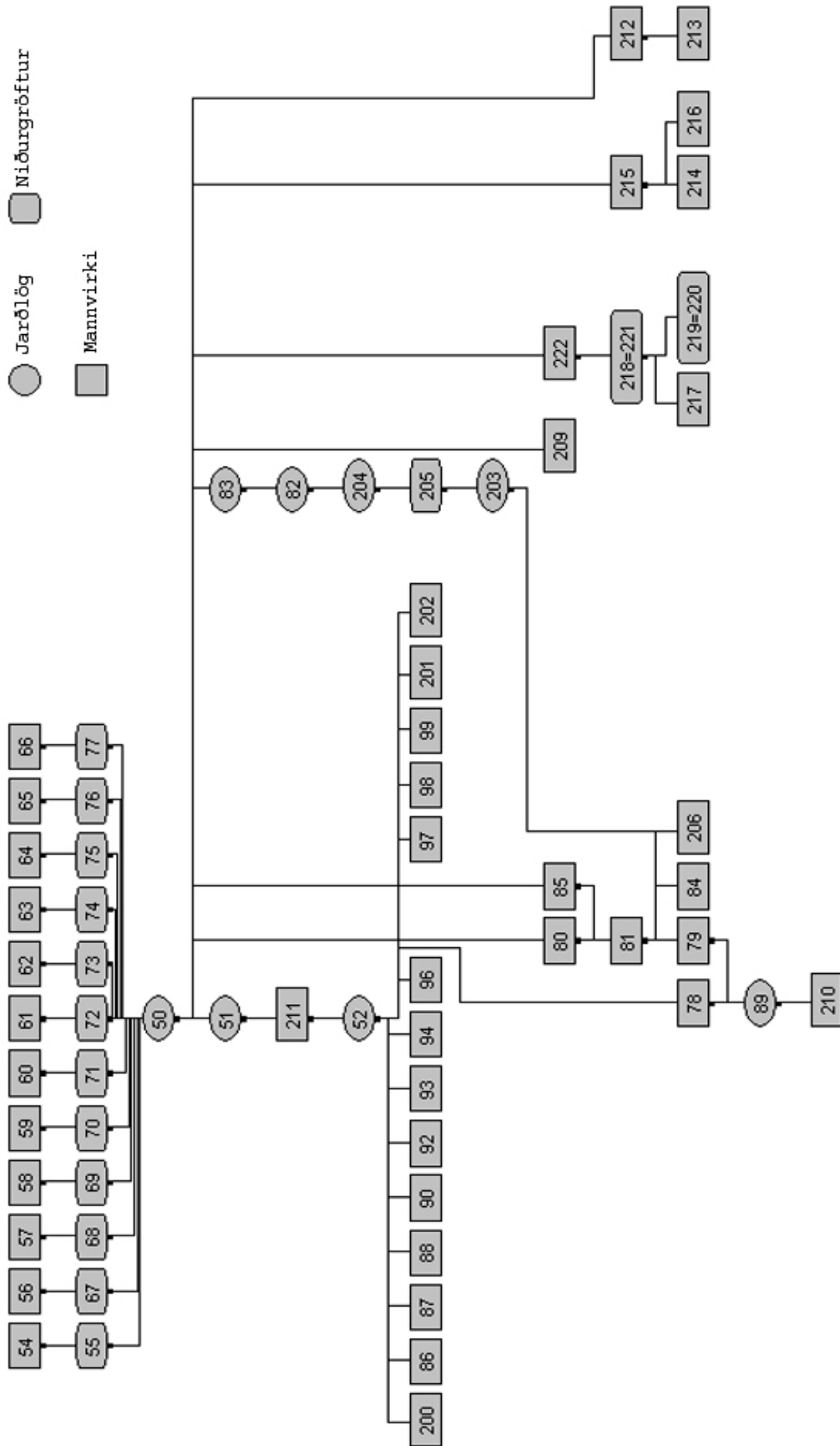
HÓLARCORING



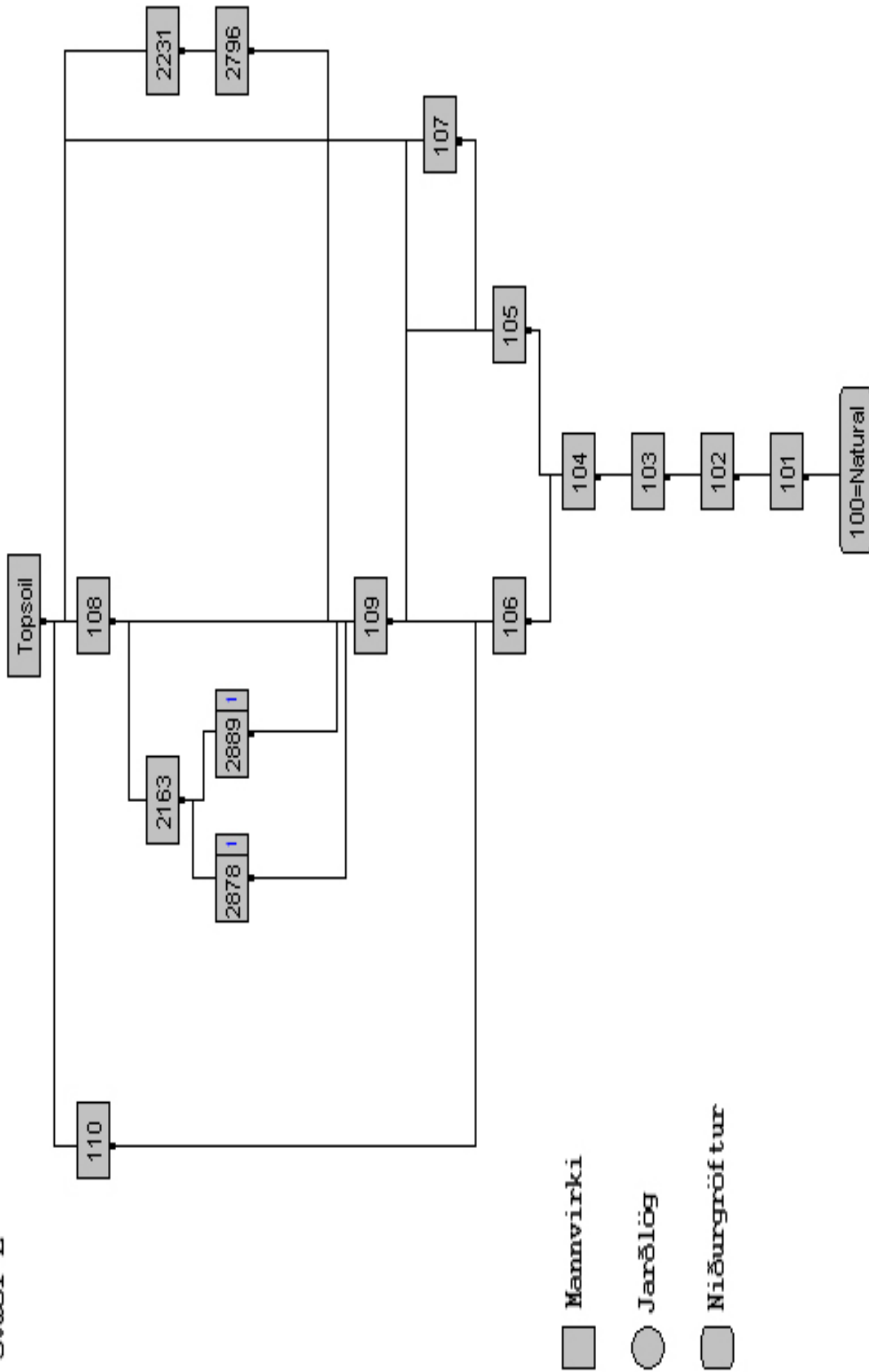
Harris Matrix

Svæði D

Harris Matrix, Hólar 2002

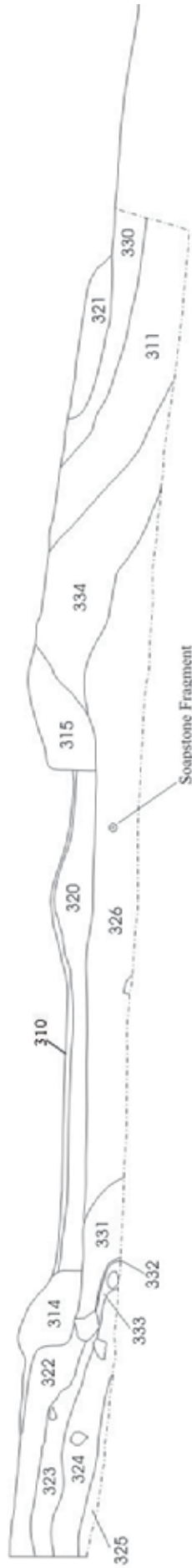


Svæði E



Hólar 2002 - 37-11/14
 2/8 HF/ALG
 Hreintelknað DR/ARG

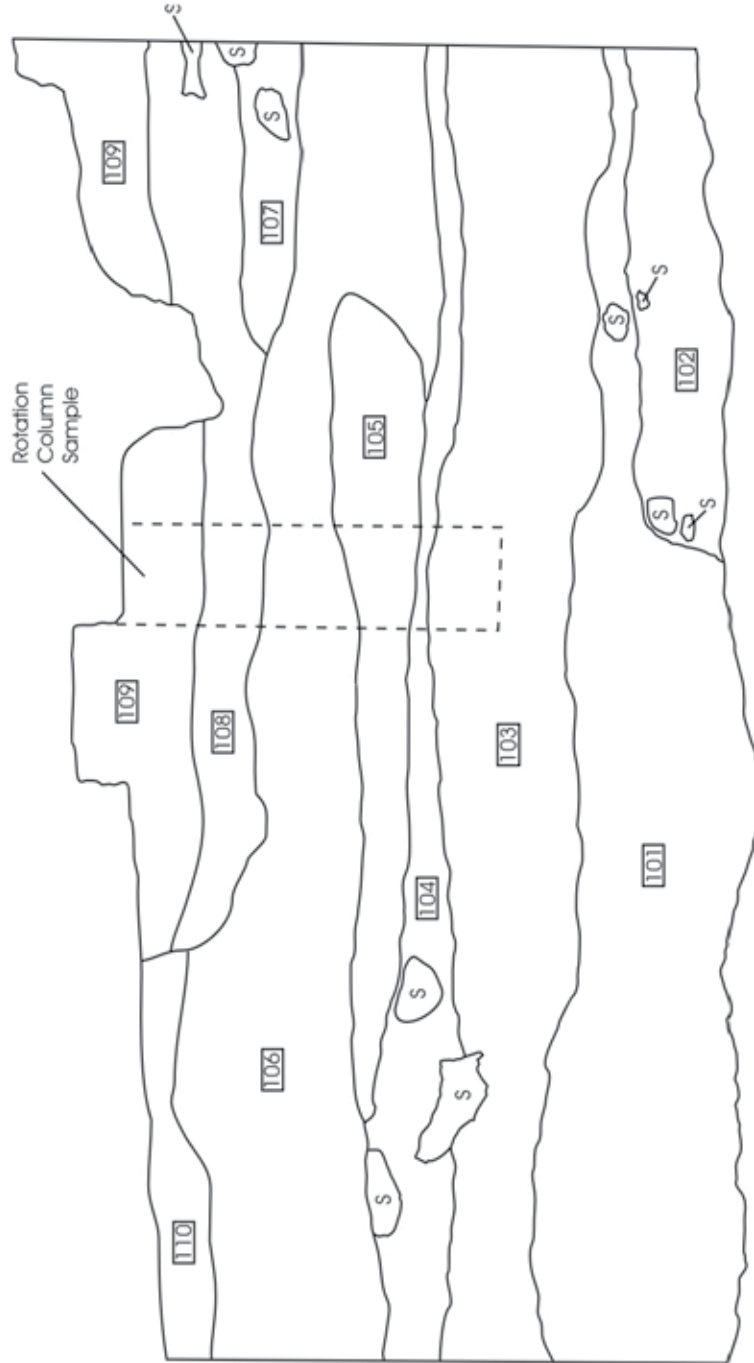
Area B - house 5
 North facing section



- | | |
|----------------------------|------------------------|
| 310 = Floor | 324 = Cultural layer |
| 311 = Cultural layer | 325 = Cultural layer |
| 314 = Turfwall/tephra 1766 | 326 = Mixed turf/layer |
| 315 = Turfwall/tephra 1766 | 327 = Cultural layer |
| 320 = Floor | 330 = Peat ash |
| 321 = Peat ash | 332 = Cultural layer |
| 322 = Turf layer | 334 = Turfwall |
| 323 = Peat ash | |

**Area E
east facing section**

**Hólar 2002-37-8
Angelos Parigoris
Hreinteiknað AP**



- | | |
|----------------------|--------------------|
| 101 = Sterile | 106 = Midden layer |
| 102 = Sterile | 107 = Midden layer |
| 103 = Floor | 108 = Midden layer |
| 104 = Floor | 109 = Midden layer |
| 105 = Cultural layer | 110 = Midden layer |

Jarðlagaskrá

Id	Area	Context	Length(m)	Width(m)	Description	Method	Relate to structure
50	Area D	Disturbed layer	34.37	29.57	Topsoil [50] is a deposited and disturbed cultural layer. Grayish brown sand-mixed humus. Part of the midden that lay in the area. Contains finds that span from the middle of the 17th century to modern times and a large number of animal bones. The layer covers the initial trench and the whole extent of area D.	Trowel Sieving Shovel	
51	Area D	Midden layer	13.94	7.93	Midden [51]. Brown mixed soil layer, lots of unburned bones.		
52	Area D	Cultural layer	10.37	3.98	Cultural layer [52] Brownish red with plenty of charcoal, ash and peatash.		
53	Area D	Turf collapse	20.95	8.5	Mixed turf layer [53] with comprised of several different colours.		
55	Area C	Disturbed layer	0	0			
82	Area D	Roof tumble	2.31	1.85	Roof tumble [82] is a disturbed turf layer inside turf wall [81]. A lot of twigs and bark fragment. Few finds. Interpreted as a collapsed roof.	Trowel	8
83	Area D	Cultural layer	39.7	32.3	Greyish brown turf layer mixed with earth. Disturbed fill layer. Contains plenty of windowglass, ceramics, and clay pipes.	Trowel Sieving	8
89	Area D	Cultural layer	13.63	8.57	Brown light soil [89] with inclusions of clay, lots of unburned bones.		
107	Area E	Midden layer	7.3	6.2	Midden layer [107] is moderately compacted brown with yellowish inclusions consisting of mixed turf with frequent inclusions of bone fragments and occasional charcoal. Extent not applicable because of limit of trench. Interpreted as fill of midden.	Trowel	3
108	Area E	Midden layer	4.02	2.11	Midden layer [108] is the same as 10 000 from 2004. It is a mid reddish brown silty sandy deposit of moderate compaction. It is rich in charcoal and bone and sub-angular small stones, medium in degree of sorting the extent is not yet applicable because of limit of trench. Interpreted as fill of midden. Modern origins; Pick axe retrieved!	Trowel	3
109	Area E	Midden layer	7.84	6.26	Midden layer [109] same as [10002] in 2004. It is a fairly loose silty sand deposit dark blackish brown in colouring. Frequent inclusions of charcoal flecks and bone fragments and moderate amounts of small angular and subangular stones - Occasional medium sub-angular stones (both poorly sorted). Extent not applicable because of limit of trench. Interpreted as fill of midden. Modern deposit. Topsoil; result of modern disturbance, reversed stratigraphically.	Trowel	3
110	Area E	Midden layer	2.04	1.3	Midden layer [110] same as [10001] from 2004. Moderately compacted, dark orangey brown silty sand. It has occasional inclusions of charcoal. Moderate amounts of small angular and sub-angular stones medium in degree of sorting. Extent not yet applicable because of limit of trench. Depth. 0.11m as in section drawing #2. Interpreted as fill of midden. Modern origins.	Trowel	3
151	Area A	Cultural layer	2.95	2.21			
202	Area D	Cut	0.1	0.08			
203	Area D	Floor	2.3	1.63	Turf floor [203], inclusions of hair from animals, hay. Few finds. Interpreted as floor inside a stable (byre).	Trowel Sieving	8
208	Area D	Turf wall	10.61	4.03	Turf wall [208] is built out of orangish brown turf with white inclusions which appears to be white sand from thermal areas. Also contains a bit of clay that turn white and cement-like in dry and sunny conditions. Similar turf that has been used in the wall [63642] south of the printhouse. The wall [208] is the western boundary of house and [9] in the east confined by wall [218] and [81]. It is roughly L-shaped, 11x4m, oriented NNW-SSE, with one arm extending towards East, separating house [6] and [9]. The wall is 1,2-0,9m Wide and has been built using kl'f6mpruhnaus (wedged blocks of turf) and strengur. House [9] appears to have been built using more strengur or torfa and even snidda at the Northern most part.		
218	Area D	Turf wall	10.61	7.43	Turf wall [218] bounds House [13]. Exposed since 2003 therefore heavily eroded over time. Eastern side (e.g. towards Church) is all but gone, having fallen into the large hole created by the modern statue that used to stand on the site. Due to erosion and bioturbation (by worms and tree roots, especially in the south-west corner of the House) it is very difficult to define the wall or observe its relationship with other contexts (e.g. layers covering the floor area). The wall appears to merge with a stone 'pavement'/corridor above it and to the North; a row of stones was found under the top layer of turf during cleaning, which might be a lower level of this 'pavement' (perhaps made of turf and stone layers). close to the middle of each beam (which would jolt them together with "side beams") is interesting. The fact that they are found inside a wall structure remain unclear, since it is unlikely that precious wood would be used as invisible fill.		

Id	Area	Context	Length(m)	Width(m)	Description	Method	Relate to structure
301	Area B	Cultural layer	0	0	Surface layer [301] is turf or grass that was taken off of the area in the beginning of excavation.		5
302	Area B	Cultural layer	8.06	8.06	Topsoil layer [302] was under the surface layer [301]. The layer covers the whole area B and is very disturbed, mixed and compact. It lies on top of turf walls in the area and inside the buildings. A lot of finds were found from different time, pottery, iron, modern glass, charcoal, bones and etc.	Shovel Trowel	5
303	Area B	Fill	4.7	0.9	Fill ditch [303] is situated in the SA corner of area B and reaches 5 m to the west, up against the south bank of the excavation. The soil is quite compact and clayey, full of small stones from 2 - 3 cm, the biggest about 20 cm. The layer covered a part of a turfwall in the area and it looks like this layer was dug through a small part of the turfwall. In the south corner of the building there was a little bit more of this layer. There were burned bones in the layer and recent finds.		5
304	Area B	Gravel	0	0	[304] is a very mixed layer. It consists mosly of red gravel from mixed with soil, small pieces of charcoal and small amounts of peat ash. The layer is rather loose and coarse. It extends 1,6 m beyond the limit of the excavation area on the N side and is about 1 m in width. Disturbed layer [302] was on top of [304]		5
305	Area B	Cultural layer	0	0			5
306	Area B	Roof tumble	5	3.2	Roof tumble [306] is a mixed and collapsed turf from the roof of the building. There were some 1766 tephra spots in the turf except in the southeast part. There were some stones and wood and among the finds were some iron objects and pottery. Below [306] was a layer with alot of iron and charcoals (some of the iron is from early 20th century).		5
307	Area B	Turf collapse	7.85	0	Mixed turf [307] in Area B. This layer is very organic and has no inclusions. It is compact and fine grained.		5
308	Area B	Turf collapse	7.5	2.2	Mixed turf layer [308] is outside of the building. It had turf in many colors that are probably collapsed walls or roof. It contains a few stones, treeplank, iron objects, pottery and ect.	Shovel Trowel Sieving	5
309	Area B	Fill	2	1.5	[309] is a back heap of charcoal, ash and soot with slag and iron objects. It is on top of a sill of wood and turf [319].		5
310	Area B	Floor	4.7	2.15	Floor layer [310] made-up of a thin layer of sandy black charcoal and ash. Lots of finds were associated with the top of the layer including: horseshoes, rods, nails and a bucket. The layer was lying on horizontal squares of turf [320].		5
311	Area B	Disturbed layer	3.1	2.9	[311] is a brown, disturbed, clayey layer mixed with turf, charcoal and red sandstone.	Trowel	5
312	Area B	Cut	0.35	0.25	Cut [312] has a fill of recent white glass.	Trowel Shovel	5
313	Area B	Cut	4.65	0.4	Cut [313] for ditch in the southern part of the trench. The fill of this cut is [303]. The cut had a stonepacking of stones that were about 10 cm in diameter.		5
314	Area B	Turf wall	3.69	0.45	Turf wall [314] is the eastern turfwall of the building in Area B.		5
315	Area B	Turf wall	3.96	0.51	Turf wall [315] is the western turfwall of the building in Area B. It consists of colorful turf squares. No stones were found.		5
316	Area B	Turf wall	2.07	0.51	Turf wall [316] is the Northern wall in house 5 in area B. The wall seem to be build up by klambra and the turf has some tephra 1766. The wall has not been excavated just partly exposed.	Trowel	5
317	Area B	Midden layer	2.15	0	Midden layer [317] is a orange-black peatash layer with charcoal and a rich amount of burned bones, situated beside pit [303].		5
318	Area B	Peat ash	1	0.45	Peatash layer [318] is located below the structure in Area B and had inclusions of charcoal.		5
319	Area B	Wood	1.3	1.25	Wood [319] fundament with turf. The turf has lightyellow organic material in it. The turf itself is brown, wet and quite compact. The construction was below [309] which was a black heap of ashes, charcoal and slag with lots of iron objects. The two wood pieces ly in the same direction, 1 meter apart. Some black material lies under the wood plank further to the south.		5
320	Area B	Floor	0	0	Turf layer [320] is a foundation for the floor in the house. The turf lies horizontally and this is the foundation that floor layer [310] accumulated on.	Trowel Sieving	

Id	Area	Context	Length(m)	Width(m)	Description	Method	Relate to structure
321	Area B	Peat ash	1.12	1	Peatash layer [321] is mixed with clay and situated below turfwall[315] of the structure in area B. One iron object and a bronze object were found in the layer.		254238
323	Area B	Peat ash	0	0	Mixed layer of peat ash, small stones, brown clay and turf. The stones had the dimensions 5-15 cm.		254238
324	Area B	Cultural layer	0	0	Cultural layer [324] is a yellow clay layer. There are some charcoals and small stones around 5-7 cm in the layer.		254238
325	Area B	Cultural layer	0	0	[325] is a burned layer with charcoals that are around 4 - 8 cm.		254238
326	Area B	Turf collapse	0	0	Mixed turf [326]. Yellow brown mixed layer of turf twiggs and wooden pieces. Finds: stone bakingplate, a piece of a soapstone bowl, that might contain some food remains.		254238
327	Area B	Cultural layer	0	0	[327] is a reddish brown sandy soil with lots of stones.		254238
328	Area B	Midden layer	0	0	Midden layer [328] consists mainly of peatash, burned bones and charcoals.		254238
329	Area B	Cultural layer	0	0	[329] is a turf deposit mixed with soil. It smells bad, might be brennisteinn. Soilsample was taken from it. It is the same layer as [333].		
330	Area B	Peat ash	0	0	[330] is a peatash deposit mixed with turf.		254238
331	Area B	Cultural layer	0	0	[331] is a greyish brown clay with small amount of charcoal.		254238
332	Area B	Cultural layer	0	0	[332] Tephra layer insitu (H1766?). It is greenish grey in color.		254238
333	Area B	Cultural layer	0	0	[333] is a greyish brown clay deposit and has stones in dimensions of 5 cm. In the western part the layer becomes more black-brown-grey and consists of burned bones and charcoal. The interpretation of the layer is deposit. Four soil samples were taken.		254238
334	Area B	Turf wall	0	0	Turf wall [334] consists of horizontal turf (possible turfwall). The turfwall is thicker in the east end circa 25 cm but only 10 cm in the west end.		254238

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Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1	Nail	Iron		Inorganic	B	1		302	Cultural layer
2	Iron	Iron		Inorganic	B	1		302	Cultural layer
3	Nail	Iron		Inorganic	B	1		302	Cultural layer
4	Scissors	Iron		Inorganic	B	1		302	Cultural layer
5	Iron	Iron		Inorganic	B	1		302	Cultural layer
6	Iron	Iron		Inorganic	B	1		302	Cultural layer
8	Slag	Iron		Inorganic	B	1		302	Cultural layer
9	Nail	Iron		Inorganic	B	1		302	Cultural layer
10	Iron	Iron		Inorganic	B	1		302	Cultural layer
11	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
12	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
13	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
14	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
15	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
16	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
17	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
18	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
19	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
20	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
21	Horsenail	Iron		Inorganic	B	1		302	Cultural layer
22	Iron	Iron		Inorganic	B	1		302	Cultural layer
23	Iron	Iron		Inorganic	B	8		302	Cultural layer
24	Clothes loop	Bronze		Inorganic	B	1		302	Cultural layer
25	Pin	Iron		Inorganic	B	1		302	Cultural layer
26	Horseshoe	Iron		Inorganic	B	1		302	Cultural layer
27	Bone	Bone	Bone	Organic	B	1		302	Cultural layer
28	Glass	Glass		Inorganic	B	1		302	Cultural layer
29	Quartz	Quartz		Inorganic	B	1		302	Cultural layer
30	Stone	Stone		Inorganic	B	1		302	Cultural layer
31	Nail	Iron		Inorganic	B	1		302	Cultural layer
32	Nail	Iron		Inorganic	B	1		302	Cultural layer
33	Nail	Iron		Inorganic	B	1		302	Cultural layer
34	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
35	Nail	Iron		Inorganic	C	1		55	Disturbed layer
36	Nail	Iron		Inorganic	C	1		55	Disturbed layer
37	Nail	Iron		Inorganic	C	1		55	Disturbed layer
38	Nail	Iron		Inorganic	C	1		55	Disturbed layer
39	Nail	Iron		Inorganic	C	1		55	Disturbed layer
40	Nail	Iron		Inorganic	D	69		50	Disturbed layer
41	Nail	Iron		Inorganic	D	1		50	Disturbed layer
41	Nail	Iron		Inorganic	D	1		51	Midden layer
42	Nail	Iron		Inorganic	D	1		50	Disturbed layer
43	Nail	Iron		Inorganic	D	1		50	Disturbed layer
44	Pin	Iron		Inorganic	D	1		50	Disturbed layer
45	Nail	Iron		Inorganic	B	1		302	Cultural layer
46	Nail	Iron		Inorganic	B	1		302	Cultural layer
47	Nail	Iron		Inorganic	B	1		302	Cultural layer
48	Nail	Iron		Inorganic	B	1		302	Cultural layer
49	Nail	Iron		Inorganic	B	8		302	Cultural layer
50	Nail	Iron		Inorganic	B	1		302	Cultural layer
51	Nail	Iron		Inorganic	B	1		302	Cultural layer
52	Iron	Iron		Inorganic	B	1		302	Cultural layer
53	Iron	Iron		Inorganic	B	1		302	Cultural layer
54	Nail	Iron		Inorganic	B	1		302	Cultural layer
56	Nail	Iron		Inorganic	D	1		302	Cultural layer
57	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
58	Claypipe	Clay		Inorganic	C	1		55	Disturbed layer
60	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
64	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
65	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
66	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
67	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
68	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
69	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
71	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
72	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
73	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
74	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
75	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
76	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
77	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
78	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
79	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
80	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
81	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
82	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
83	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
84	Flintware	Ceramics	Vessel	Inorganic	D	10	1800-	50	Disturbed layer
85	Porceline	Ceramics	Bowl	Inorganic	D	6	1850-	50	Disturbed layer
86	Flintware	Ceramics	Vessel	Inorganic	D	1	1755-	50	Disturbed layer
87	Porceline	Ceramics	Vessel	Inorganic	D	10	1750-1900	50	Disturbed layer
88	Porceline	Ceramics	Vessel	Inorganic	D	1	1600-1800	50	Disturbed layer
89	Porceline	Ceramics	Vessel	Inorganic	D	8	1750-	50	Disturbed layer
90	Fajance	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
91	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
92	Fajance	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
93	Oven	Ceramics	Owen Tiles	Inorganic	D	1		50	Disturbed layer
95	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
96	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
97	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
98	Claypipe	Clay		Organic	D	1		50	Disturbed layer
99	Bronze	Bronze		Inorganic	D	1		50	Disturbed layer
100	Buckle	Bronze		Inorganic	D	1		50	Disturbed layer
101	Button	Lead		Inorganic	C	1		55	Disturbed layer
102	Button	Glass		Inorganic	B	1		5	House
103	Key	Bronze		Inorganic	B	1		302	Cultural layer
104	Oven	Ceramics	Owen Tiles	Inorganic	B	1		302	Cultural layer
105	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	50	Disturbed layer
106	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
107	Redware	Ceramics		Inorganic	D	1		50	Disturbed layer
108	Porceline	Ceramics	Plate	Inorganic	D	5	1650-	50	Disturbed layer
109	Phial	Glass		Inorganic	D	1		50	Disturbed layer
111	Flintware	Ceramics	Vessel	Inorganic	C	2	1800-	55	Disturbed layer
112	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
113	Stoneware	Ceramics		Inorganic	D	1	1700-	50	Disturbed layer
114	Glass	Glass	Bottle	Inorganic	D	9		50	Disturbed layer
115	Glass	Glass	Vessel	Inorganic	D	8		50	Disturbed layer
116	Bead	Glass		Inorganic	B	1		5	House
117	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
118	Flintware	Ceramics	Bowl	Inorganic	D	3	1800-1900	50	Disturbed layer
119	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1800	50	Disturbed layer
120	Flintware	Ceramics	Vessel	Inorganic	D	3	1800-	50	Disturbed layer
121	Redware	Ceramics	Cooking pot	Inorganic	C	1	1400-1750	55	Disturbed layer
122	Oven	Ceramics	Owen Tiles	Inorganic	C	1		55	Disturbed layer
123	Stoneware	Ceramics	Jug	Inorganic	D	1	1650-1800	50	Disturbed layer
124	Glass	Glass		Inorganic	D	3		50	Disturbed layer
125	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	50	Disturbed layer
126	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
127	Fajance	Ceramics	Vessel	Inorganic	D	1	1650-1800	50	Disturbed layer
128	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
129	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
130	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
131	Porceline	Ceramics	Plate	Inorganic	D	2	1800-	50	Disturbed layer
132	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
133	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1850	50	Disturbed layer
134	Button	Glass		Inorganic	D	1		50	Disturbed layer
135	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
136	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
137	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer
138	Redware	Ceramics	Pot	Inorganic	D	1		50	Disturbed layer
139	Stoneware	Ceramics		Inorganic	D	3	1700-	50	Disturbed layer
140	Redware	Ceramics	Vessel	Inorganic	D	2	1400-	50	Disturbed layer
141	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
142	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
143	Porceline	Ceramics	Vessel	Inorganic	D	2	1700-	50	Disturbed layer
145	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
146	Stone	Stone		Inorganic	D	1		50	Disturbed layer
147	Stoneware	Ceramics	Jug	Inorganic	C	1	1650-	55	Disturbed layer
148	Redware	Ceramics	Vessel	Inorganic	C	1	1400-1850	55	Disturbed layer
149	Flintware	Ceramics	Bowl	Inorganic	C	7	1850-	55	Disturbed layer
150	Redware	Ceramics	Vessel	Inorganic	C	1	1400-	55	Disturbed layer
151	Stoneware	Ceramics	Jug	Inorganic	C	1	1400-1630	55	Disturbed layer
152	Stoneware	Ceramics	Jug	Inorganic	C	1	1550-1750	55	Disturbed layer
153	Glass	Glass	Vile	Inorganic	E	1		3	Midden
154	Glass	Glass	Bottle	Inorganic	C	1		55	Disturbed layer
155	Leather	Leather		Organic	E	1		3	Midden
156	Stoneware	Ceramics	Vessel	Inorganic	E	1	1700-	109	Midden layer
157	Redware	Ceramics	Vessel	Inorganic	E	1	1400-	109	Midden layer
158	Redware	Ceramics	Vessel	Inorganic	E	1	1400-	109	Midden layer
159	Porceline	Ceramics	Bowl	Inorganic	E	1	1900-	3	Midden
160	Glass	Glass		Inorganic	E	1		3	Midden
161	Flintware	Ceramics	Plate	Inorganic	E	1	1850-	109	Midden layer
162	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
163	Fajance	Ceramics	Vessel	Inorganic	D	2	1600-1850	50	Disturbed layer
164	Stoneware	Ceramics	Vessel	Inorganic	D	2	1700-1900	50	Disturbed layer
165	Stoneware	Ceramics	Jug	Inorganic	D	1	1650-1800	50	Disturbed layer
166	Stoneware	Ceramics	Jug	Inorganic	D	2	1450-1650	50	Disturbed layer
167	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1700	50	Disturbed layer
168	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
169	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
170	Ceramics	Ceramics		Inorganic	B	1		302	Cultural layer
171	Key	Iron		Inorganic	D	1		50	Disturbed layer
172	Bone	Bone	Bone	Organic	D	1		50	Disturbed layer
173	Flintware	Ceramics	Vessel	Inorganic	D	2	1850-	50	Disturbed layer
174	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
175	Slate	Slate		Inorganic	D	1		50	Disturbed layer
176	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
177	Lead	Lead		Inorganic	D	1		50	Disturbed layer
178	Stoneware	Ceramics	Jug	Inorganic	D	1	1650-1750	50	Disturbed layer
179	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	50	Disturbed layer
180	Fajance	Ceramics	Bowl	Inorganic	D	1	1600-1850	50	Disturbed layer
181	Flintware	Ceramics	Vessel	Inorganic	D	4	1850-	50	Disturbed layer
183	Fajance	Ceramics	Vessel	Inorganic	D	4	1700-1850	50	Disturbed layer
184	Porceline	Ceramics	Plate	Inorganic	D	1	1750-	50	Disturbed layer
185	Button	Bronze		Inorganic	D	1		50	Disturbed layer
186	Stone	Stone		Inorganic	D	1		50	Disturbed layer
187	Porceline	Ceramics	Vessel	Inorganic	D	1	1900-	50	Disturbed layer
188	Fajance	Ceramics	Vessel	Inorganic	D	3	1600-1850	50	Disturbed layer
189	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	50	Disturbed layer
190	Fajance	Ceramics	Vessel	Inorganic	D	1	1750-1900	50	Disturbed layer
191	Bronze	Bronze		Inorganic	D	1		50	Disturbed layer
192	Flintware	Ceramics	Vessel	Inorganic	D	10	1900-	50	Disturbed layer
193	Flintware	Ceramics	Vessel	Inorganic	B	74	1900-	302	Cultural layer
194	Porceline	Ceramics	Bowl	Inorganic	B	2	1800-	5	House
195	Oven	Ceramics	Owen Tiles	Inorganic	B	3		5	House
196	Stone	Stone		Inorganic	B	1		5	House

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
197	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	5	House
198	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	5	House
199	Maiolica	Ceramics	Plate	Inorganic	B	1	1650-1800	5	House
200	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	5	House
201	Floortiles	Ceramics	Tiles	Inorganic	B	1		5	House
202	Worked bone	Bone	Bone	Organic	D	1		50	Disturbed layer
203	Redware	Ceramics	Plate	Inorganic	B	1	1600-1850	302	Cultural layer
204	Floortiles	Ceramics	Tiles	Inorganic	B	1		5	House
205	Redware	Ceramics	Plate	Inorganic	B	2	1600-1850	5	House
206	Flintware	Ceramics	Vessel	Inorganic	B	1	1850-	5	House
207	Flintware	Ceramics	Vessel	Inorganic	B	1	1800-	5	House
209	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer
210	Oven	Ceramics	Owen Tiles	Inorganic	B	1		5	House
211	Oven	Ceramics	Owen Tiles	Inorganic	B	2		5	House
212	Glass	Glass		Inorganic	B	1		5	House
213	Porceline	Ceramics	Vessel	Inorganic	D	2	1750-	50	Disturbed layer
214	Flintware	Ceramics	Vessel	Inorganic	D	8	1900-	50	Disturbed layer
215	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
216	Phial	Glass		Inorganic	D	1		50	Disturbed layer
217	Button	Lead		Inorganic	D	1		50	Disturbed layer
218	Button	Pewter		Inorganic	D	1		50	Disturbed layer
219	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
220	Coin	Bronze		Inorganic	D	1		50	Disturbed layer
221	Button	Pewter		Inorganic	D	1		50	Disturbed layer
222	Pinhead	Bronze		Inorganic	D	1		50	Disturbed layer
223	Print Set	Lead		Inorganic	D	1		50	Disturbed layer
224	Button	Bronze		Inorganic	D	1		50	Disturbed layer
225	Iron	Iron		Inorganic	D	1		50	Disturbed layer
226	Bronze	Bronze		Inorganic	B	1		305	Cultural layer
227	Bronze	Bronze		Inorganic	B	1		305	Cultural layer
228	Nail	Bronze		Inorganic	B	1		302	Cultural layer
228	Nail	Iron		Inorganic	B	1		302	Cultural layer
229	Button	Lead		Inorganic	D	1		50	Disturbed layer
230	Button	Bronze		Inorganic	D	1		50	Disturbed layer
231	Worked bone	Bone		Organic	C	1		55	Disturbed layer
232	Textile	Textile		Organic	D	1		50	Disturbed layer
233	Textile	Textile		Organic	D	1		50	Disturbed layer
234	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	50	Disturbed layer
235	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
236	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
237	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
238	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
239	Ceramics	Ceramics		Inorganic	B	1		5	House
239	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
240	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
241	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
242	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
243	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
244	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
245	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
246	Claypipe	Clay		Organic	D	1		50	Disturbed layer
247	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
248	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
249	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
250	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
251	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
252	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
253	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
255	Stonelamp	Basalt	Stone lamp	Inorganic	D	1		50	Disturbed layer
256	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
258	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
259	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
260	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
261	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
262	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
263	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
264	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
265	Bone	Bone		Organic	D	1		50	Disturbed layer
266	Bone	Burnt bone		Organic	D	1		50	Disturbed layer
267	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
268	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
269	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
270	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
271	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
272	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
273	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
274	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
275	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
276	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
277	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
278	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
279	Redware	Ceramics		Inorganic	D	1		50	Disturbed layer
280	Stoneware	Ceramics		Inorganic	D	1		50	Disturbed layer
281	Porceline	Ceramics		Inorganic	D	1		50	Disturbed layer
282	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
283	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
284	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
285	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
286	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
287	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
288	Button	Porcelain		Inorganic	D	1		50	Disturbed layer
289	Bead	Soapstone		Inorganic	C	1		55	Disturbed layer
290	Stone	Stone		Inorganic	B	1		302	Cultural layer
291	Bronze	Bronze		Inorganic	C	1		55	Disturbed layer
292	Shell	Shell		Inorganic	D	1		50	Disturbed layer
293	Bone	Burnt bone		Organic	D	1		50	Disturbed layer
294	Flintware	Ceramics	Vessel	Inorganic	D	55	1900-	50	Disturbed layer
295	Glass	Glass		Inorganic	D	1		50	Disturbed layer
296	Nail	Iron		Inorganic	D	170		50	Disturbed layer
297	Hinge	Metal		Inorganic	D	1		50	Disturbed layer
298	Redware	Ceramics	Vessel	Inorganic	D	2	1400-	50	Disturbed layer
299	Flintware	Ceramics	Vessel	Inorganic	D	23	1900-	50	Disturbed layer
300	Nail	Iron		Inorganic	D	1		50	Disturbed layer
301	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	50	Disturbed layer
302	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
303	Fajance	Ceramics	Vessel	Inorganic	D	2	1700-1900	50	Disturbed layer
304	Fajance	Ceramics	Vessel	Inorganic	D	3	1800-	50	Disturbed layer
305	Fajance	Ceramics	Vessel	Inorganic	D	5	1750-1900	50	Disturbed layer
306	Fajance	Ceramics	Vessel	Inorganic	D	2	1650-1850	50	Disturbed layer
307	Fajance	Ceramics	Vessel	Inorganic	D	1	1600-1800	50	Disturbed layer
308	Stoneware	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
309	Porceline	Ceramics	Plate	Inorganic	D	3	1750-	50	Disturbed layer
310	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	50	Disturbed layer
311	Claypipe	Clay		Inorganic	D	1		51	Midden layer
312	Porceline	Ceramics	Plate	Inorganic	D	2	1550-	50	Disturbed layer
313	Flintware	Ceramics	Vessel	Inorganic	D	4	1750-	50	Disturbed layer
314	Porceline	Ceramics	Bowl	Inorganic	D	3	1750-1900	50	Disturbed layer
315	Porceline	Ceramics	Vessel	Inorganic	D	2	1750-	50	Disturbed layer
316	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
317	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1800	50	Disturbed layer
318	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
319	Stoneware	Ceramics		Inorganic	D	1	1800-	50	Disturbed layer
320	Fajance	Ceramics	Vessel	Inorganic	D	4	1700-1850	50	Disturbed layer
321	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
322	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	50	Disturbed layer
323	Fajance	Ceramics	Vessel	Inorganic	D	5	1800-	50	Disturbed layer
324	Porceline	Ceramics	Vessel	Inorganic	D	4	1700-	50	Disturbed layer
325	Fajance	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
327	Porceline	Ceramics	Plate	Inorganic	D	2	1750-	50	Disturbed layer
329	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	50	Disturbed layer
330	Fajance	Ceramics	Plate	Inorganic	D	1	1550-1750	50	Disturbed layer
331	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	50	Disturbed layer
333	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer
334	Jydepotte	Ceramics	Tripod vessel	Inorganic	D	1	1550-1800	50	Disturbed layer
336	Stone	Stone		Inorganic	D	1		50	Disturbed layer
337	Glass	Glass		Inorganic	D	1		50	Disturbed layer
338	Slag	Slag		Inorganic	D	1		50	Disturbed layer
339	Glass	Glass		Inorganic	D	1		50	Disturbed layer
340	Flintware	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
341	Glass	Glass		Inorganic	D	1		50	Disturbed layer
342	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
343	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
344	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
345	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
346	Stoneware	Ceramics		Inorganic	D	1		50	Disturbed layer
347	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
348	Redware	Ceramics	Bowl	Inorganic	D	1	1600-1850	50	Disturbed layer
349	Flintware	Ceramics	Plate	Inorganic	D	177	1900-	50	Disturbed layer
350	Stoneware	Ceramics		Inorganic	D	1		50	Disturbed layer
351	Obsidian	Rhyolite		Inorganic	D	1		50	Disturbed layer
352	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	50	Disturbed layer
353	Cochlea	Cochlea			D	1		50	Disturbed layer
354	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
355	Flint	Flint	Gun Flint	Inorganic	D	1		50	Disturbed layer
356	Glass	Glass		Inorganic	D	1		50	Disturbed layer
357	Glass	Glass		Inorganic	D	1		50	Disturbed layer
358	Glass	Glass		Inorganic	D	1		50	Disturbed layer
359	Glass	Glass		Inorganic	D	1		50	Disturbed layer
360	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
361	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
362	Glass	Glass		Inorganic	D	1		50	Disturbed layer
363	Redware	Ceramics		Inorganic	D	1	1500-1750	50	Disturbed layer
365	Zeolite	Zeolite		Inorganic	D	1		50	Disturbed layer
366	Stone	Stone		Inorganic	D	1		50	Disturbed layer
367	Stone	Stone		Inorganic	D	1		50	Disturbed layer
368	Stoneware	Ceramics		Inorganic	D	1		50	Disturbed layer
369	Porceline	Ceramics	Bowl	Inorganic	D	27	1850-	50	Disturbed layer
370	Glass	Glass		Inorganic	D	1		50	Disturbed layer
371	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
376	Flintware	Ceramics	Vessel	Inorganic	D	6	1800-	50	Disturbed layer
377	Fajance	Ceramics	Vessel	Inorganic	D	2	1800-	50	Disturbed layer
378	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	50	Disturbed layer
379	Fajance	Ceramics	Vessel	Inorganic	D	6	1750-1900	50	Disturbed layer
380	Fajance	Ceramics	Vessel	Inorganic	D	3	1550-1750	50	Disturbed layer
381	Porceline	Ceramics	Bowl	Inorganic	D	1	1700-	50	Disturbed layer
382	Fajance	Ceramics	Vessel	Inorganic	D	1	1650-1850	50	Disturbed layer
383	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	50	Disturbed layer
384	Stoneware	Ceramics		Inorganic	D	1		50	Disturbed layer
385	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1750	50	Disturbed layer
386	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
387	Flintware	Ceramics	Plate	Inorganic	D	9	1850-	50	Disturbed layer
388	Whiteware	Ceramics	Vessel	Inorganic	D	1	1550-1750	50	Disturbed layer
389	Redware	Ceramics	Cooking pot	Inorganic	D	1	1600-1750	50	Disturbed layer
391	Floortiles	Ceramics	Tiles	Inorganic	D	1		50	Disturbed layer
392	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer
395	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
396	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
397	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
398	Whetstone	Schist	Whetstone	Inorganic	D	1		89	Cultural layer
399	Whetstone	Schist	Whetstone	Inorganic	D	1		89	Cultural layer
400	Whetstone	Schist	Whetstone	Inorganic	D	1	19-20th century	50	Disturbed layer
404	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
406	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
409	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
411	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
413	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
421	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
425	Flintware	Ceramics	Vessel	Inorganic	D	17	1850-	50	Disturbed layer
426	Flintware	Ceramics	Vessel	Inorganic	D	62	1900-	50	Disturbed layer
427	Fajance	Ceramics	Bowl	Inorganic	D	1	1750-1900	50	Disturbed layer
428	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
429	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
430	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
431	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
432	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-	50	Disturbed layer
433	Flintware	Ceramics	Vessel	Inorganic	D	4	1800-	50	Disturbed layer
434	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
435	Fajance	Ceramics	Bowl	Inorganic	D	3	1600-1750	50	Disturbed layer
436	Redware	Ceramics	Vessel	Inorganic	D	1	1550-	50	Disturbed layer
437	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	50	Disturbed layer
438	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
439	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
440	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
441	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
442	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
443	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
444	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
445	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
446	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
447	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
448	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
449	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
450	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
451	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
452	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
453	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
454	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
455	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
456	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
457	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
458	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
459	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
460	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
461	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
462	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
463	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
464	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
465	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
466	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
467	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
468	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
469	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
470	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
471	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
472	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
473	Stone	Stone		Inorganic	D	1		50	Disturbed layer
474	Glass	Glass		Inorganic	D	1		50	Disturbed layer
475	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
476	Stoneware	Ceramics	Jug	Inorganic	D	1	1750-	50	Disturbed layer
477	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
478	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1900	50	Disturbed layer
479	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer
480	Flintware	Ceramics	Vessel	Inorganic	D	1	1850-	50	Disturbed layer
481	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1750	50	Disturbed layer
482	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
483	Worked wood	Wood		Organic	D	1		50	Disturbed layer
487	Porceline	Ceramics	Plate	Inorganic	D	18	1750-	50	Disturbed layer
488	Porceline	Ceramics	Bowl	Inorganic	D	4	1750-	50	Disturbed layer
489	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
491	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	50	Disturbed layer
492	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
493	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
494	Glass	Glass		Inorganic	D	1		50	Disturbed layer
495	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
496	Glass	Glass		Inorganic	D	1		50	Disturbed layer
500	Floortiles	Ceramics	Tiles	Inorganic	D	1		50	Disturbed layer
503	Porceline	Ceramics	Bowl	Inorganic	D	1	1750-1900	83	Cultural layer
504	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	83	Cultural layer
506	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
507	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
508	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
509	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
510	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
512	Porceline	Ceramics	Plate	Inorganic	D	2	1900-	83	Cultural layer
514	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	83	Cultural layer
515	Fajance	Ceramics	Bowl	Inorganic	D	1	1550-1700	83	Cultural layer
517	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	83	Cultural layer
518	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
519	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
520	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
521	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
522	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
523	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
524	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
525	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
526	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
527	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
528	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
529	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
530	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
531	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
532	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
533	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
534	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
535	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
536	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
537	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
538	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
539	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
540	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
551	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
552	Redware	Ceramics	Vessel	Inorganic	D	1	1600-1850	83	Cultural layer
554	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	50	Disturbed layer
555	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
556	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
557	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
558	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
559	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
560	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
563	Claypipe	Clay		Inorganic	D	1		83	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
564	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
565	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
574	Glass	Glass		Inorganic	D	1		83	Cultural layer
576	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
577	Slate	Slate		Inorganic	D	1		83	Cultural layer
578	Fajance	Ceramics	Plate	Inorganic	D	8	1850-	50	Disturbed layer
579	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
580	Flintware	Ceramics	Vessel	Inorganic	D	4	1800-	50	Disturbed layer
581	Porceline	Ceramics	Bowl	Inorganic	D	1	1720-	50	Disturbed layer
582	Fajance	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
583	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1700	50	Disturbed layer
584	Fajance	Ceramics	Vessel	Inorganic	D	1	1650-1850	50	Disturbed layer
585	Flintware	Ceramics	Vessel	Inorganic	D	3	1800-	50	Disturbed layer
586	Flintware	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
587	Porceline	Ceramics	Vessel	Inorganic	D	1	1650-	50	Disturbed layer
588	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	50	Disturbed layer
589	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	50	Disturbed layer
590	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
591	Stoneware	Ceramics	Jug	Inorganic	D	1	1450-1650	50	Disturbed layer
592	Flintware	Ceramics	Vessel	Inorganic	D	2	1850-	50	Disturbed layer
593	Flintware	Ceramics	Vessel	Inorganic	D	1	1850-	50	Disturbed layer
594	Stoneware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
596	Redware	Ceramics	Vessel	Inorganic	D	1	1400-1850	50	Disturbed layer
598	Porceline	Ceramics	Vessel	Inorganic	D	3	1750-	50	Disturbed layer
600	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
601	Floortiles	Ceramics	Tiles	Inorganic	D	2		50	Disturbed layer
608	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
609	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
610	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
611	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
612	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
613	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
614	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
615	Claypipe	Clay		Inorganic	D	1		53	Turf collapse
616	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
617	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
622	Glass	Glass	Vessel	Inorganic	D	1		52	Cultural layer
631	Porceline	Ceramics	Vessel	Inorganic	D	2	1750-	50	Disturbed layer
633	Redware	Ceramics		Inorganic	D	1		203	Floor
634	Claypipe	Clay		Inorganic	D	1		203	Floor
635	Claypipe	Clay		Inorganic	D	2		203	Floor
636	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
637	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
638	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
639	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
640	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
641	Claypipe	Clay		Inorganic	D	1		83	Cultural layer
642	Claypipe	Clay		Inorganic	B	1		305	Cultural layer
643	Claypipe	Clay		Inorganic	B	1		305	Cultural layer
644	Claypipe	Clay		Inorganic	B	1		305	Cultural layer
645	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	50	Disturbed layer
646	Claypipe	Clay		Inorganic	B	1		303	Fill
647	Claypipe	Clay		Inorganic	B	1		303	Fill
654	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
655	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
656	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
657	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
658	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
659	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
660	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
661	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
662	Claypipe	Clay		Inorganic	D	1		89	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
663	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
664	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
665	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
666	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
667	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
668	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
669	Floortiles	Ceramics	Tiles	Inorganic	B	1		303	Fill
670	Fajance	Ceramics	Vessel	Inorganic	B	1	1700-	303	Fill
671	Flintware	Ceramics	Vessel	Inorganic	B	1	1900-	303	Fill
672	Jaspis	Quartz		Inorganic	B	1		303	Fill
674	Nail	Iron		Inorganic	B	1		303	Fill
675	Nail	Iron		Inorganic	B	1		303	Fill
676	Redware	Ceramics	Vessel	Inorganic	E	1	1400-	3	Midden
677	Stoneware	Ceramics	Jug	Inorganic	E	1	1650-1850	3	Midden
678	Fajance	Ceramics	Vessel	Inorganic	E	1	1550-1750	3	Midden
679	Stoneware	Ceramics	Jug	Inorganic	E	1	1500-1650	3	Midden
680	Redware	Ceramics	Vessel	Inorganic	E	1	1400-	3	Midden
681	Fajance	Ceramics	Vessel	Inorganic	E	1	1650-1750	3	Midden
682	Stoneware	Ceramics	Jug	Inorganic	E	1	1550-1750	3	Midden
683	Stoneware	Ceramics	Jug	Inorganic	E	1	1550-1750	3	Midden
684	Glass	Glass		Inorganic	E	1		3	Midden
685	Jydepotte	Ceramics	Cooking pot	Inorganic	E	1	1550-1850	3	Midden
686	Flintware	Ceramics	Vessel	Inorganic	E	1	1900-	3	Midden
687	Fajance	Ceramics	Vessel	Inorganic	E	1	1700-	3	Midden
688	Flintware	Ceramics	Vessel	Inorganic	E	1	1900-	3	Midden
689	Glass	Glass		Inorganic	E	1		3	Midden
690	Glass	Glass	Vessel	Inorganic	E	1		3	Midden
691	Glass	Glass		Inorganic	E	1		3	Midden
692	Glass	Glass		Inorganic	E	1		3	Midden
693	Slate	Slate		Inorganic	E	1		3	Midden
694	Rock Crystal	Quartz		Inorganic	E	1		3	Midden
695	Coin	Copper		Inorganic	E	1		3	Midden
696	Unknown	Plastic		Organic	E	1		3	Midden
697	Pipe	Iron		Inorganic	E	1		3	Midden
698	Porceline	Ceramics	Vessel	Inorganic	D	2	1650-	83	Cultural layer
699	Porceline	Ceramics	Plate	Inorganic	D	1	1700-	83	Cultural layer
700	Backgammon	Bone		Organic	D	1		51	Midden layer
704	Porceline	Ceramics	Plate	Inorganic	D	4	1720-	83	Cultural layer
705	Porceline	Ceramics	Plate	Inorganic	D	1	1750-	83	Cultural layer
708	Glass	Glass		Inorganic	B	1		302	Cultural layer
709	Glass	Glass		Inorganic	B	1		302	Cultural layer
710	Stone	Stone		Inorganic	B	1		302	Cultural layer
711	Stone	Schist		Inorganic	B	1		302	Cultural layer
712	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer
713	Redware	Ceramics	Plate	Inorganic	B	1	1600-1850	302	Cultural layer
714	Flintware	Ceramics	Plate	Inorganic	B	1	1900-	302	Cultural layer
716	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
717	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
718	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
719	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
720	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
721	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
722	Redware	Ceramics	Vessel	Inorganic	D	1	1400-1850	50	Disturbed layer
723	Fajance	Ceramics	Vessel	Inorganic	D	5	1750-1900	50	Disturbed layer
724	Stoneware	Ceramics	Jug	Inorganic	D	1	1650-1800	50	Disturbed layer
725	Floortiles	Ceramics	Tiles	Inorganic	D	1		50	Disturbed layer
726	Fajance	Ceramics	Vessel	Inorganic	D	3	1700-	50	Disturbed layer
727	Flintware	Ceramics	Vessel	Inorganic	D	4	1850-	50	Disturbed layer
728	Fajance	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
729	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-1900	50	Disturbed layer
730	Fajance	Ceramics	Vessel	Inorganic	D	2	1650-1850	50	Disturbed layer
731	Porceline	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
732	Flintware	Ceramics	Plate	Inorganic	D	7	1850-	50	Disturbed layer
733	Glass	Glass		Inorganic	D	1		50	Disturbed layer
734	Glass	Glass		Inorganic	D	1		50	Disturbed layer
735	Glass	Glass		Inorganic	D	1		50	Disturbed layer
736	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
737	Glass	Glass		Inorganic	D	1		50	Disturbed layer
738	Print Set	Lead		Inorganic	D	1		50	Disturbed layer
739	Iron	Iron		Inorganic	D	1		50	Disturbed layer
740	Print Set	Lead		Inorganic	D	1		50	Disturbed layer
741	Buckle	Copper		Inorganic	D	1		50	Disturbed layer
742	Iron	Iron		Inorganic	D	1		50	Disturbed layer
743	Slag	Iron		Inorganic	D	1		50	Disturbed layer
744	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
745	Nail	Copper		Inorganic	D	1		51	Midden layer
746	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
747	Glass	Glass	Bottle	Inorganic	D	2		50	Disturbed layer
748	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
749	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
750	Lead	Lead		Inorganic	D	1		50	Disturbed layer
751	Glass	Glass		Inorganic	D	1		50	Disturbed layer
752	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
753	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
754	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
755	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
760	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
761	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
762	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
768	Porceline	Ceramics	Vessel	Inorganic	D	3	1800-	50	Disturbed layer
770	Flintware	Ceramics	Bowl	Inorganic	D	8	1800-	50	Disturbed layer
771	Flintware	Ceramics	Plate	Inorganic	D	8	1850-	50	Disturbed layer
782	Porceline	Ceramics	Vessel	Inorganic	D	2	1750-	50	Disturbed layer
786	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
787	Stoneware	Ceramics	Jug	Inorganic	D	1	1750-1900	50	Disturbed layer
791	Stoneware	Ceramics	Jug	Inorganic	D	1	1650-1850	50	Disturbed layer
794	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
798	Nail	Iron		Inorganic	B	1		309	Fill
799	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
800	Bakingplate	Slate		Inorganic	B	1		326	Turf collapse
801	Obsidian	Rhyolite		Inorganic	D	1		50	Disturbed layer
802	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
803	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
807	Lead	Lead		Inorganic	D	1		50	Disturbed layer
808	Glass	Glass		Inorganic	D	1		50	Disturbed layer
809	Buckle	Bronze		Inorganic	D	1		50	Disturbed layer
810	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
811	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
812	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
813	Glass	Glass	<<No data>>	Inorganic	D	2		50	Disturbed layer
818	Glass	Glass	Vessel	Inorganic	D	1		89	Cultural layer
822	Quartz	Quartz		Inorganic	D	1		89	Cultural layer
832	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	89	Cultural layer
833	Glass	Glass		Inorganic	D	1		50	Disturbed layer
834	Bone	Bone		Organic	D	1		50	Disturbed layer
836	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
838	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
839	Fajance	Ceramics	Vessel	Inorganic	B	1	1700-1900	302	Cultural layer
840	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer
841	Flintware	Ceramics	Vessel	Inorganic	B	1	1850-	302	Cultural layer
842	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer
843	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer
844	Redware	Ceramics	Plate	Inorganic	B	1	1600-1850	302	Cultural layer
845	Redware	Ceramics	Vessel	Inorganic	B	1	1400-	302	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
846	Jydepotte	Ceramics	Vessel	Inorganic	B	1	1500-1850	302	Cultural layer
847	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
847	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
848	Oven	Ceramics	Owen Tiles	Inorganic	B	1		302	Cultural layer
849	Glass	Glass	Vessel	Inorganic	B	1		302	Cultural layer
850	Glass	Glass		Inorganic	B	1		302	Cultural layer
851	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1750	51	Midden layer
852	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	51	Midden layer
853	Claypipe	Clay		Inorganic	D	1		51	Midden layer
854	Claypipe	Clay		Inorganic	D	1		51	Midden layer
855	Claypipe	Clay		Inorganic	D	1		51	Midden layer
856	Claypipe	Clay		Inorganic	D	1		51	Midden layer
857	Claypipe	Clay		Inorganic	D	1		51	Midden layer
858	Obsidian	Rhyolite		Inorganic	D	1		52	Cultural layer
860	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	52	Cultural layer
867	Redware	Ceramics	Tripod vessel	Inorganic	D	1	1400-1750	52	Cultural layer
868	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	50	Disturbed layer
869	Fajance	Ceramics	Plate	Inorganic	D	1	1750-	50	Disturbed layer
870	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1700	50	Disturbed layer
871	Flintware	Ceramics	Plate	Inorganic	D	2	1900-	50	Disturbed layer
872	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
873	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
874	Claypipe	Clay		Inorganic	E	1		108	Midden layer
875	Claypipe	Clay		Inorganic	E	1		108	Midden layer
876	Claypipe	Clay		Inorganic	E	1		108	Midden layer
877	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1650	50	Disturbed layer
883	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	89	Cultural layer
886	Stoneware	Ceramics		Inorganic	D	1		89	Cultural layer
888	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
889	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
890	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
891	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
892	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
893	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
894	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
895	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
896	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
897	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	89	Cultural layer
898	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	89	Cultural layer
900	Bullet	Bronze		Inorganic	D	1		50	Disturbed layer
902	Ceramics	Ceramics		Inorganic	D	1		50	Disturbed layer
903	Porceline	Ceramics	Plate	Inorganic	D	2	1750-	89	Cultural layer
904	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
906	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
907	Redware	Ceramics	Tripod vessel	Inorganic	D	1	1400-1750	89	Cultural layer
908	Redware	Ceramics	Plate	Inorganic	D	2	1600-1850	89	Cultural layer
910	Stoneware	Ceramics	Jug	Inorganic	D	2	1600-1750	89	Cultural layer
912	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
913	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
914	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
915	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
916	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
917	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
918	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
919	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
920	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
921	Fajance	Ceramics	Vessel	Inorganic	D	2	1700-1850	50	Disturbed layer
922	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
923	Porceline	Ceramics	Bowl	Inorganic	D	1	1800-	50	Disturbed layer
925	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
926	Redware	Ceramics	Vessel	Inorganic	D	1	1600-	50	Disturbed layer
927	Flintware	Ceramics	Plate	Inorganic	D	6	1800-1900	50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
928	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
929	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
930	Flintware	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
931	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
932	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
933	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
934	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
935	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	51	Midden layer
936	Stoneware	Ceramics	Vessel	Inorganic	D	2	1600-1750	50	Disturbed layer
939	Glass	Glass		Inorganic	D	1		50	Disturbed layer
940	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
941	Worked bone	Bone		Organic	D	1		50	Disturbed layer
942	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
943	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	50	Disturbed layer
944	Flintware	Ceramics	Vessel	Inorganic	D	19	1800-	50	Disturbed layer
945	Fajance	Ceramics	Plate	Inorganic	D	10	1650-1850	50	Disturbed layer
946	Oven	Ceramics	Owen Tiles	Inorganic	D	1		50	Disturbed layer
947	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	50	Disturbed layer
948	Iron	Iron		Inorganic	B	1		326	Turf collapse
950	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
951	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
952	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
953	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
954	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
955	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
956	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
957	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
958	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
959	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
960	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
961	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
962	Claypipe	Clay		Inorganic	D	1		52	Cultural layer
963	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
964	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
965	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
966	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
967	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
968	Flintware	Ceramics	Vessel	Inorganic	F	2	1850-	12000	Cultural layer
969	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
970	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
973	Button	Silver		Inorganic	F	1		12000	Cultural layer
974	Bead	Glass		Inorganic	D	1		89	Cultural layer
975	Quartz	Quartz		Inorganic	D	1		89	Cultural layer
976	Claypipe	Clay		Inorganic	D	1		51	Midden layer
977	Claypipe	Clay		Inorganic	D	1		51	Midden layer
978	Claypipe	Clay		Inorganic	D	1		51	Midden layer
979	Claypipe	Clay		Inorganic	D	1		51	Midden layer
980	Claypipe	Clay		Inorganic	D	1		51	Midden layer
981	Claypipe	Clay		Inorganic	D	1		51	Midden layer
982	Claypipe	Clay		Inorganic	D	1		51	Midden layer
984	Glass	Glass	Vessel	Inorganic	D	2		83	Cultural layer
987	Button	Bronze		Inorganic	D	1		52	Cultural layer
988	Button	Wood		Organic	D	3		50	Disturbed layer
989	Iron	Iron		Inorganic	D	1		50	Disturbed layer
990	Worked wood	Bronze		Organic	D	1		50	Disturbed layer
991	Button	Bronze		Inorganic	D	1		89	Cultural layer
992	Bronze	Bronze		Inorganic	D	1		50	Disturbed layer
993	Button	Bronze		Inorganic	D	3		89	Cultural layer
994	Button	Bronze		Inorganic	D	1		89	Cultural layer
995	Button	Bronze		Inorganic	D	1		50	Disturbed layer
997	Button	Bronze		Inorganic	D	3		83	Cultural layer
998	Bronze	Bronze		Inorganic	B	1		302	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
999	Button	Bronze		Inorganic	D	1		50	Disturbed layer
1000	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1001	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1002	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1003	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1004	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1005	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1006	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1007	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1008	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1009	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1010	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1011	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1012	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1013	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1014	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1015	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1016	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1017	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1018	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1019	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1020	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1021	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1022	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1023	Claypipe	Clay		Inorganic	D	1		89	Cultural layer
1024	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1025	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1026	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1027	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1028	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1029	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1030	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1031	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1032	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1033	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1034	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1035	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1036	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1037	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1038	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1039	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1040	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1041	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1042	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1043	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1044	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1045	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1046	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1047	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1048	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1049	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1050	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1051	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1052	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1052	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1053	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1054	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1055	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1056	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1057	Claypipe	Clay		Inorganic	D	1		51	Midden layer
1058	Thimble	Bronze		Inorganic	D	1		50	Disturbed layer
1059	Bronze	Bronze		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1060	Button	Bronze		Inorganic	D	1		50	Disturbed layer
1061	Button	Silver		Inorganic	D	1		50	Disturbed layer
1062	Button	Copper		Inorganic	D	1		50	Disturbed layer
1064	Ring	Copper		Inorganic	B	1		304	Gravel
1065	Button	Bronze		Inorganic	D	2		89	Cultural layer
1066	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1067	Button	Bronze		Inorganic	D	1		51	Midden layer
1068	Button	Pewter		Inorganic	D	1		51	Midden layer
1069	Bronze	Bronze		Inorganic	D	1		51	Midden layer
1070	Lead	Lead		Inorganic	D	1		51	Midden layer
1071	Nail	Bronze		Inorganic	D	1		51	Midden layer
1072	Nail	Iron		Inorganic	D	1		50	Disturbed layer
1074	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1075	Button	Bronze		Inorganic	D	1		89	Cultural layer
1076	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1077	Button	Bronze		Inorganic	D	1		89	Cultural layer
1078	Bronze	Bronze		Inorganic	D	2		89	Cultural layer
1079	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1080	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1081	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1085	Print Set	Bronze		Inorganic	D	1		50	Disturbed layer
1086	Nail	Bronze		Inorganic	D	1		50	Disturbed layer
1087	Bronze	Bronze		Inorganic	D	1		50	Disturbed layer
1088	Button	Bronze		Inorganic	D	2		89	Cultural layer
1089	Button	Lead		Inorganic	D	1		89	Cultural layer
1090	Bronze	Bronze		Inorganic	D	1		89	Cultural layer
1091	Nail	Bronze		Inorganic	D	1		50	Disturbed layer
1092	Nail	Bronze		Inorganic	D	1		50	Disturbed layer
1093	Coin	Copper		Inorganic	D	1	1780	50	Disturbed layer
1094	Iron	Iron		Inorganic	E	1		109	Midden layer
1097	Bronze	Bronze		Inorganic	E	1		109	Midden layer
1098	Claypipe	Clay		Inorganic	D	1	1700-	50	Disturbed layer
1099	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
1100	Claypipe	Clay		Inorganic	B	1		302	Cultural layer
1101	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
1102	Button	Bronze		Inorganic	D	1		50	Disturbed layer
1105	Whetstone	Schist	Whetstone	Inorganic	D	1		51	Midden layer
1106	Whetstone	Schist	Whetstone	Inorganic	D	1		51	Midden layer
1107	Whetstone	Schist	Whetstone	Inorganic	D	1		51	Midden layer
1108	Whetstone	Dolerit	Whetstone	Inorganic	D	1		89	Cultural layer
1109	Stoneware	Ceramics		Inorganic	D	1		51	Midden layer
1110	Redware	Ceramics		Inorganic	D	1		51	Midden layer
1112	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	51	Midden layer
1113	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	51	Midden layer
1114	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1700	51	Midden layer
1115	Stoneware	Ceramics	Jug	Inorganic	D	1	1700-	51	Midden layer
1116	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	51	Midden layer
1117	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	89	Cultural layer
1118	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1119	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1120	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1121	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1123	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1124	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1125	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1126	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1127	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1128	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1129	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1130	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1131	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1132	Iron	Iron		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1133	Button	Bronze		Inorganic	D	1		50	Disturbed layer
1134	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1135	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1136	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1137	Button	Pewter		Inorganic	D	1		50	Disturbed layer
1138	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1139	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1140	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1141	Coin	Iron		Inorganic	D	1		50	Disturbed layer
1142	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1143	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1144	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1145	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1146	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1147	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1148	Rivet	Iron		Inorganic	D	1		50	Disturbed layer
1149	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1150	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1151	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1152	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1153	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1154	Nail	Iron		Inorganic	D	1		50	Disturbed layer
1155	Nail	Iron		Inorganic	D	1		50	Disturbed layer
1156	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1157	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1158	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1159	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1160	Nail	Iron		Inorganic	D	1		50	Disturbed layer
1161	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1162	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1163	Scissors	Iron		Inorganic	D	1		50	Disturbed layer
1164	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1165	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1166	Iron	Iron		Organic	D	1		50	Disturbed layer
1167	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1168	Iron	Iron		Inorganic	D	8		50	Disturbed layer
1169	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1171	Spoon	Iron		Inorganic	D	1		50	Disturbed layer
1172	Candlestick	Iron		Inorganic	D	1		50	Disturbed layer
1173	Iron	Iron		Inorganic	D	4		50	Disturbed layer
1174	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1175	Iron	Iron		Inorganic	D	2		50	Disturbed layer
1176	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1177	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1178	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1179	Buckle	Iron		Inorganic	D	7		50	Disturbed layer
1180	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1181	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1183	Key	Iron		Inorganic	D	1		50	Disturbed layer
1184	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1186	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1187	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1188	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1190	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1191	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1192	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1193	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1194	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1195	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1196	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1197	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1199	Chain	Iron		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1200	Iron	Iron		Inorganic	D	1		50	Disturbed layer
1201	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1202	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1203	Buckle	Iron		Inorganic	D	1		50	Disturbed layer
1204	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1205	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1206	Iron	Iron	Unknown	Inorganic	D	1		50	Disturbed layer
1214	Iron	Iron	Unknown	Inorganic	D	5		50	Disturbed layer
1215	Iron	Iron	Unknown	Inorganic	D	5		50	Disturbed layer
1216	Iron	Iron	Unknown	Inorganic	D	5		50	Disturbed layer
1218	Horsenail	Iron		Inorganic	D	12		50	Disturbed layer
1227	Iron	Iron	Unknown	Inorganic	D	31		50	Disturbed layer
1229	Rivet	Iron		Inorganic	D	21		50	Disturbed layer
1246	Nail	Iron		Inorganic	F	2		12000	Cultural layer
1248	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1249	Nail	Iron		Inorganic	D	3		51	Midden layer
1250	Horsenail	Iron		Inorganic	D	12		51	Midden layer
1251	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1252	Nail	Iron		Inorganic	D	3		51	Midden layer
1253	Nail	Iron		Inorganic	D	5		51	Midden layer
1254	Nail	Iron		Inorganic	D	5		51	Midden layer
1255	Nail	Iron		Inorganic	D	1		51	Midden layer
1256	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1257	Nail	Iron		Inorganic	D	2		51	Midden layer
1258	Nail	Iron		Inorganic	D	4		51	Midden layer
1259	Horsenail	Iron		Inorganic	D	1		51	Midden layer
1260	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1261	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1262	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1263	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1264	Nail	Iron		Inorganic	D	2		51	Midden layer
1265	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1266	Nail	Iron		Inorganic	D	2		51	Midden layer
1267	Nail	Iron		Inorganic	D	3		51	Midden layer
1268	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1269	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1270	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1271	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1272	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1273	Nail	Iron		Inorganic	D	3		51	Midden layer
1274	Nail	Iron		Inorganic	D	3		51	Midden layer
1275	Nail	Iron		Inorganic	D	3		51	Midden layer
1276	Nail	Iron		Inorganic	D	3		51	Midden layer
1277	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1278	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1279	Nail	Iron		Inorganic	D	2		51	Midden layer
1280	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1281	Nail	Iron		Inorganic	D	2		51	Midden layer
1282	Nail	Iron		Inorganic	D	2		51	Midden layer
1283	Rivet	Iron		Inorganic	D	4		51	Midden layer
1284	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1285	Horsenail	Iron		Inorganic	D	5		51	Midden layer
1286	Nail	Iron		Inorganic	D	5		51	Midden layer
1287	Iron	Iron	Unknown	Inorganic	D	1		51	Midden layer
1288	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1289	Iron	Iron	Unknown	Inorganic	D	3		51	Midden layer
1290	Iron	Iron	Unknown	Inorganic	D	2		51	Midden layer
1291	Horsenail	Iron		Inorganic	D	4		51	Midden layer
1292	Nail	Iron		Inorganic	D	11		51	Midden layer
1293	Horsenail	Iron		Inorganic	B	1		304	Gravel
1294	Nail	Iron		Inorganic	B	1		304	Gravel
1295	Iron	Iron		Inorganic	B	4		304	Gravel

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1296	Iron	Iron		Inorganic	B	1		304	Gravel
1297	Iron	Iron		Inorganic	B	1		302	Cultural layer
1298	Iron	Iron		Inorganic	B	3		302	Cultural layer
1299	Iron	Iron		Inorganic	B	2		302	Cultural layer
1301	Horsenail	Iron		Inorganic	B	2		303	Fill
1302	Iron	Iron		Inorganic	B	5		303	Fill
1303	Iron	Iron		Inorganic	B	1		303	Fill
1313	Iron	Iron		Inorganic	B	3		302	Cultural layer
1318	Iron	Iron		Inorganic	B	2		308	Turf collapse
1322	Pin	Bronze		Inorganic	B	1		308	Turf collapse
1323	Iron	Iron		Inorganic	B	1		308	Turf collapse
1327	Iron	Iron		Inorganic	B	1		320	Floor
1328	Iron	Iron		Inorganic	B	1		320	Floor
1329	Horsenail	Iron		Inorganic	B	1		302	Cultural layer
1330	Horsenail	Iron		Inorganic	B	1		304	Gravel
1331	Iron	Iron		Inorganic	B	3		304	Gravel
1334	Lead	Lead		Inorganic	B	1		308	Turf collapse
1335	Horsenail	Iron		Inorganic	B	2		308	Turf collapse
1336	Horsenail	Iron		Inorganic	A	2		302	Cultural layer
1337	Horsenail	Iron		Inorganic	A	1		302	Cultural layer
1340	Iron	Iron	Unknown	Inorganic	E	1		108	Midden layer
1344	Claypipe	Clay		Inorganic	D	1		108	Midden layer
1347	Slag	Stone		Inorganic	A	11		302	Cultural layer
1352	Iron	Iron		Inorganic	E	1		107	Midden layer
1353	Iron	Iron		Inorganic	D	1		52	Cultural layer
1355	Horsenail	Iron		Inorganic	E	6		109	Midden layer
1356	Iron	Iron		Inorganic	E	2		109	Midden layer
1357	Iron	Iron		Inorganic	E	10		109	Midden layer
1359	Glass	Glass		Inorganic	B	1		320	Floor
1360	Glass	Glass		Inorganic	B	1		320	Floor
1364	Fajance	Ceramics	Vessel	Inorganic	B	1	1600-	320	Floor
1377	Floortiles	Ceramics	Tiles	Inorganic	B	4		302	Cultural layer
1382	Stone	Stone		Inorganic	B	1		5	House
1384	Slag	Stone		Inorganic	B	2		302	Cultural layer
1386	Horsenail	Iron		Inorganic	A	1		302	Cultural layer
1388	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1389	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1390	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1391	Claypipe	Clay		Inorganic	D	2		50	Disturbed layer
1392	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1393	Slag	Stone		Inorganic	E	1		107	Midden layer
1394	Nail	Iron		Inorganic	E	1		109	Midden layer
1395	Claypipe	Clay		Inorganic	E	1		109	Midden layer
1396	Worked wood	Wood		Organic	E	1		109	Midden layer
1397	Slag	Stone		Inorganic	E	1		109	Midden layer
1398	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1399	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1400	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1401	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1402	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1403	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1404	Glass	Glass	Unknown	Inorganic	E	1		108	Midden layer
1405	Worked wood	Wood	Unknown	Organic	E	1		107	Midden layer
1406	Concrete	Stone		Inorganic	E	1		3	Midden
1408	Bone	Bone		Organic	E	1		3	Midden
1409	Stone	Basalt		Inorganic	E	1		3	Midden
1410	Redware	Ceramics	Vessel	Inorganic	E	1	1400-	3	Midden
1411	Stonelamp	Sandstone	Stone lamp	Inorganic	E	1		3	Midden
1431	Quartz	Quartz		Inorganic	F	1		12000	Cultural layer
1433	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
1434	Porceline	Ceramics	Bowl	Inorganic	F	1	1750-	12000	Cultural layer
1436	Hammerstone	Basalt	Hammer	Inorganic	F	1		12000	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1438	Claypipe	Clay		Inorganic	E	1		3	Midden
1439	Claypipe	Clay		Inorganic	E	1		3	Midden
1440	Claypipe	Clay		Inorganic	E	1		3	Midden
1441	Claypipe	Clay		Inorganic	E	1		3	Midden
1442	Claypipe	Clay		Inorganic	E	1		3	Midden
1443	Claypipe	Clay		Inorganic	E	1		3	Midden
1444	Claypipe	Clay		Inorganic	D	3		50	Disturbed layer
1445	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1447	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1448	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1449	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1450	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1451	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1452	Bone	Burnt bone		Organic	D	1		50	Disturbed layer
1453	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1454	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1455	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1457	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1458	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1459	Claypipe	Clay		Inorganic	D	2		50	Disturbed layer
1460	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1461	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1464	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1470	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1471	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1472	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1473	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1484	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1485	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1486	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1488	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1495	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1496	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1497	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1500	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1501	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1502	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1503	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1504	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1509	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1510	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1511	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1512	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1513	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1516	Bone	Burnt bone		Organic	D	1		50	Disturbed layer
1518	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1526	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1527	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1528	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1531	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1532	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1534	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1535	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1536	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1537	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1539	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1540	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1542	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1548	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1549	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1551	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1555	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1558	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1579	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1582	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1586	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1589	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1590	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1591	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1592	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1594	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1600	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1604	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1614	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1617	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1625	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1626	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1627	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1628	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1629	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1632	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1636	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1638	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1643	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1649	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1657	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1658	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1667	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1668	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1671	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1672	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1673	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1674	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1675	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1676	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1677	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1678	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1684	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1687	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1689	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1690	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1692	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1710	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1711	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1712	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1714	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1715	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1716	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1722	Claypipe	Clay		Inorganic	D	1		50	Disturbed layer
1736	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
1737	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
1738	Claypipe	Clay		Inorganic	F	1		12000	Cultural layer
1739	Glass	Glass		Inorganic	D	1		50	Disturbed layer
1740	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1741	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1742	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1743	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1744	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1745	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1746	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1747	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1748	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
1749	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1750	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1751	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1752	Glass	Glass	Unknown	Inorganic	D	15		50	Disturbed layer
1753	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1754	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1755	Glass	Glass	Bottle	Inorganic	D	6		50	Disturbed layer
1756	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1757	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1758	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1759	Glass	Glass	Unknown	Inorganic	D	6		50	Disturbed layer
1760	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1761	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1762	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1763	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1764	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1765	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1766	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1767	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1768	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1769	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1770	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1771	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1772	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1773	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1774	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1775	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1776	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1777	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1778	Glass	Glass		Inorganic	D	3		50	Disturbed layer
1779	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1780	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1781	Glass	Glass	Unknown	Inorganic	D	6		50	Disturbed layer
1782	Glass	Glass		Inorganic	D	1		50	Disturbed layer
1783	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1784	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
1785	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
1786	Glass	Glass		Inorganic	D	10		50	Disturbed layer
1787	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1788	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1789	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1790	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1791	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1792	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1793	Glass	Glass	Vase	Inorganic	D	2		50	Disturbed layer
1794	Glass	Glass	Bottle	Inorganic	D	5		50	Disturbed layer
1795	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1796	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
1797	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1798	Glass	Glass	Unknown	Inorganic	D	6		50	Disturbed layer
1799	Glass	Glass	Bottle	Inorganic	D	10		50	Disturbed layer
1800	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1801	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1802	Window glass	Glass		Inorganic	D	2		50	Disturbed layer
1803	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1804	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1805	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1806	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1807	Window glass	Glass		Inorganic	D	5		50	Disturbed layer
1808	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1809	Glass	Glass	Unknown	Inorganic	D	22		50	Disturbed layer
1810	Glass	Glass		Inorganic	D	24		50	Disturbed layer
1811	Glass	Glass		Inorganic	D	2		50	Disturbed layer
1812	Glass	Glass	Unknown	Inorganic	D	13		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1813	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1814	Window glass	Glass		Inorganic	D	15		50	Disturbed layer
1815	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1816	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1817	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1818	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1819	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1820	Glass	Glass	Unknown	Inorganic	D	9		50	Disturbed layer
1821	Glass	Glass	Vessel	Inorganic	D	6		50	Disturbed layer
1822	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1823	Glass	Glass	Unknown	Inorganic	D	28		50	Disturbed layer
1824	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1825	Glass	Glass	Unknown	Inorganic	D	18		50	Disturbed layer
1826	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1827	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1828	Glass	Glass		Inorganic	D	2		50	Disturbed layer
1829	Glass	Glass	Bottle	Inorganic	D	1		50	Disturbed layer
1830	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1831	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1832	Glass	Glass	Unknown	Inorganic	D	12		50	Disturbed layer
1833	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1834	Glass	Glass	Vessel	Inorganic	D	1		50	Disturbed layer
1835	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1836	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1837	Glass	Glass	Bottle	Inorganic	D	2		50	Disturbed layer
1838	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1839	Glass	Glass	Unknown	Inorganic	D	13		50	Disturbed layer
1840	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1841	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1842	Glass	Glass	Unknown	Inorganic	D	1		50	Disturbed layer
1843	Glass	Glass	Unknown	Inorganic	D	5		50	Disturbed layer
1844	Glass	Glass	Bottle	Inorganic	D	11		50	Disturbed layer
1845	Glass	Glass	Unknown	Inorganic	D	7		50	Disturbed layer
1846	Glass	Glass	Unknown	Inorganic	D	36		50	Disturbed layer
1847	Glass	Glass	Unknown	Inorganic	D	3		50	Disturbed layer
1848	Glass	Glass	Unknown	Inorganic	D	4		50	Disturbed layer
1849	Glass	Glass	Unknown	Inorganic	D	2		50	Disturbed layer
1851	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1852	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	89	Cultural layer
1853	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1854	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1855	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1856	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1857	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	89	Cultural layer
1858	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	89	Cultural layer
1859	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1700	89	Cultural layer
1860	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1861	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1862	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1865	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1866	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1867	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1868	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1869	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1870	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1871	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1872	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1873	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1874	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	89	Cultural layer
1875	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1876	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	89	Cultural layer
1877	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1878	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	89	Cultural layer
1879	Fajance	Ceramics	Vessel	Inorganic	D	1	1550-	89	Cultural layer
1880	Slate	Stone		Inorganic	D	1		89	Cultural layer
1881	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1650	89	Cultural layer
1882	Whiteware	Ceramics	Vessel	Inorganic	D	1	1500-1800	89	Cultural layer
1883	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1884	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1887	Redware	Ceramics	Vessel	Inorganic	D	2	1400-	89	Cultural layer
1888	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1890	Redware	Ceramics		Inorganic	D	1		89	Cultural layer
1891	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1892	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1893	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-	89	Cultural layer
1894	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	89	Cultural layer
1895	Redware	Ceramics	Vessel	Inorganic	D	2	1400-	89	Cultural layer
1896	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1897	Redware	Ceramics	Pot	Inorganic	D	1		89	Cultural layer
1898	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1899	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1900	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1901	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1903	Redware	Ceramics	Vessel	Inorganic	D	2	1400-	89	Cultural layer
1904	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1905	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1906	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1907	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	89	Cultural layer
1908	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1909	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1910	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1911	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	89	Cultural layer
1912	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1650	89	Cultural layer
1915	Stoneware	Ceramics	Jug	Inorganic	D	1	1500-1650	89	Cultural layer
1916	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1918	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1919	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1922	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1700	89	Cultural layer
1923	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	89	Cultural layer
1924	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1925	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	89	Cultural layer
1926	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
1927	Redware	Ceramics	Tripod vessel	Inorganic	D	1	1400-1750	89	Cultural layer
1928	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
1929	Glass	Glass		Inorganic	D	1		51	Midden layer
1930	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	51	Midden layer
1931	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1700	51	Midden layer
1932	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	51	Midden layer
1933	Ceramics	Glass	Unknown	Inorganic	D	1		51	Midden layer
1934	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1800	51	Midden layer
1935	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1936	Stoneware	Ceramics	Jug	Organic	D	1	1600-1700	51	Midden layer
1937	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1938	Flintware	Ceramics	Plate	Inorganic	D	1	1850-	51	Midden layer
1939	Glass	Glass		Inorganic	D	1		51	Midden layer
1940	Porceline	Ceramics	Plate	Inorganic	D	1	1700-	51	Midden layer
1941	Porceline	Ceramics	Vessel	Inorganic	D	1	1900-	51	Midden layer
1942	Porceline	Ceramics	Vessel	Inorganic	D	1	1650-	51	Midden layer
1943	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1944	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1945	Flintware	Ceramics	Vessel	Inorganic	D	1	1900-	51	Midden layer
1946	Redware	Ceramics	Plate	Inorganic	D	1	1600-1800	51	Midden layer
1947	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1948	Stoneware	Ceramics	Jug	Inorganic	D	1	1550-1750	51	Midden layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
1949	Worked stone	Sandstone	Tobacco pipe	Inorganic	D	2		51	Midden layer
1950	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	51	Midden layer
1951	Ceramics	Ceramics		Inorganic	D	1		51	Midden layer
1952	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	51	Midden layer
1953	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1954	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-1900	51	Midden layer
1955	Flintware	Ceramics	Vessel	Inorganic	D	1	1850-	51	Midden layer
1956	Porceline	Ceramics	Vessel	Inorganic	D	1	1850-	51	Midden layer
1957	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1958	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1959	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1960	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1961	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1962	Stoneware	Ceramics		Inorganic	D	1		51	Midden layer
1963	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1964	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1965	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	51	Midden layer
1966	Porceline	Ceramics	Vessel	Inorganic	D	1	1720-	51	Midden layer
1967	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1900	51	Midden layer
1968	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1969	Flintware	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
1970	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1971	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	51	Midden layer
1972	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1973	Floortiles	Ceramics	Tiles	Inorganic	D	1		51	Midden layer
1974	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	51	Midden layer
1975	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1976	Stone	Stone		Inorganic	D	1		51	Midden layer
1977	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1978	Oven	Ceramics	Owen Tiles	Inorganic	D	1		51	Midden layer
1979	Redware	Ceramics	Vessel	Inorganic	D	1	1400-	51	Midden layer
1980	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1981	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1982	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1983	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
1984	Flintware	Ceramics	Vessel	Inorganic	D	2	1800-	51	Midden layer
1985	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1986	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1987	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	51	Midden layer
1988	Flintware	Ceramics	Plate	Inorganic	D	1	1800-	51	Midden layer
1989	Porceline	Ceramics	Vessel	Inorganic	D	2	1750-	51	Midden layer
1990	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
1991	Fajance	Ceramics	Vessel	Inorganic	D	2	1550-1800	51	Midden layer
1992	Flintware	Ceramics	Vessel	Inorganic	D	1	1900-	51	Midden layer
1993	Fajance	Ceramics	Vessel	Inorganic	D	2	1650-1850	51	Midden layer
1994	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
1995	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1850	51	Midden layer
1996	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
1997	Fajance	Ceramics	Plate	Inorganic	D	1	1750-1900	51	Midden layer
1998	Fajance	Ceramics	Vessel	Inorganic	D	1	1800-1900	51	Midden layer
1999	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	51	Midden layer
2000	Porceline	Ceramics	Vessel	Inorganic	D	1	1750-	51	Midden layer
2001	Fajance	Ceramics	Vessel	Inorganic	D	1	1550-1750	51	Midden layer
2002	Fajance	Ceramics	Vessel	Inorganic	D	3	1750-1900	51	Midden layer
2003	Porceline	Ceramics	Vessel	Inorganic	D	1	1650-	51	Midden layer
2004	Porceline	Ceramics	Vessel	Inorganic	D	1	1650-	51	Midden layer
2005	Whiteware	Ceramics		Inorganic	D	1		51	Midden layer
2006	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	51	Midden layer
2007	Fajance	Ceramics	Vessel	Inorganic	D	1	1600-1800	51	Midden layer
2008	Redware	Ceramics	Plate	Inorganic	D	1	1600-1850	51	Midden layer
2009	Redware	Ceramics	Plate	Inorganic	D	2	1600-1850	51	Midden layer
2010	Redware	Ceramics		Inorganic	D	1		51	Midden layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
2073	Glass	Ceramics		Inorganic	D	1		51	Midden layer
2074	Glass	Ceramics		Inorganic	D	1		51	Midden layer
2075	Porceline	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
2076	Porceline	Ceramics	Vessel	Inorganic	D	1	1750	51	Midden layer
2077	Fajance	Ceramics	Vessel	Inorganic	D	2	1750-1900	51	Midden layer
2078	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
2079	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1850	51	Midden layer
2080	Glass	Glass	Bottle	Inorganic	D	1		51	Midden layer
2081	Glass	Glass	Bottle	Inorganic	D	1		51	Midden layer
2082	Glass	Glass		Inorganic	D	1		51	Midden layer
2083	Glass	Glass	Vessel	Inorganic	D	1		51	Midden layer
2084	Glass	Glass	Vessel	Inorganic	D	2		51	Midden layer
2085	Glass	Glass		Inorganic	D	1		51	Midden layer
2086	Glass	Glass		Inorganic	D	1		51	Midden layer
2087	Glass	Glass	Vessel	Inorganic	D	1		51	Midden layer
2088	Glass	Glass		Inorganic	D	1		51	Midden layer
2089	Glass	Glass		Inorganic	D	1		51	Midden layer
2090	Glass	Glass		Inorganic	D	1		51	Midden layer
2091	Glass	Glass	Vessel	Inorganic	D	3		51	Midden layer
2092	Glass	Glass		Inorganic	D	1		51	Midden layer
2093	Glass	Glass	Bottle	Inorganic	D	2		51	Midden layer
2094	Glass	Glass		Inorganic	D	1		51	Midden layer
2095	Glass	Glass		Inorganic	D	1		51	Midden layer
2096	Glass	Glass		Inorganic	D	1		51	Midden layer
2097	Glass	Glass		Inorganic	D	1		51	Midden layer
2098	Glass	Glass		Inorganic	D	1		51	Midden layer
2099	Glass	Glass	Vessel	Inorganic	D	21		51	Midden layer
2100	Glass	Glass		Inorganic	D	1		51	Midden layer
2101	Glass	Glass		Inorganic	D	1		51	Midden layer
2102	Glass	Glass		Inorganic	D	1		51	Midden layer
2103	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2104	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2105	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2106	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2107	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2108	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2109	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2110	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2111	Bone	Burnt bone		Organic	D	1		51	Midden layer
2112	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2113	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2114	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2115	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2116	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2117	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2118	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2119	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2120	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2121	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	51	Midden layer
2122	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2123	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2124	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2125	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2126	Bone	Bone		Organic	D	1		51	Midden layer
2127	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2128	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2129	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2130	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2131	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2132	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2133	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2134	Claypipe	Clay		Inorganic	D	1		51	Midden layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
2135	Claypipe	Clay		Inorganic	D	1		51	Midden layer
2136	Unknown	Metal		Inorganic	D	1		51	Midden layer
2137	Lead	Metal		Inorganic	D	1		51	Midden layer
2138	Lead	Metal		Inorganic	D	1		51	Midden layer
2139	Worked wood	Wood		Organic	D	1		51	Midden layer
2140	Worked wood	Wood		Organic	D	1		51	Midden layer
2141	Shell	Shell		Inorganic	D	1		51	Midden layer
2142	Slag	Stone		Inorganic	D	1		51	Midden layer
2143	Slag	Stone		Inorganic	D	1		51	Midden layer
2144	Stone	Stone		Inorganic	D	1		51	Midden layer
2145	Oven	Ceramics	Tiles	Inorganic	D	1		51	Midden layer
2146	Quartz	Quartz		Inorganic	D	1		51	Midden layer
2147	Stone	Stone		Inorganic	D	1		51	Midden layer
2148	Quartz	Quartz		Inorganic	D	1		51	Midden layer
2149	Zeolite	Zeolite		Inorganic	D	1		51	Midden layer
2150	Stone	Stone		Inorganic	D	1		51	Midden layer
2151	Stone	Basalt		Inorganic	D	1		51	Midden layer
2152	Worked stone	Stone		Inorganic	D	1		51	Midden layer
2153	Unknown	Unknown		Inorganic	D	1		51	Midden layer
2154	Quartz	Stone	Quartz	Inorganic	D	1		51	Midden layer
2155	Sandstone	Sandstone		Inorganic	D	1		51	Midden layer
2156	Chalk	Stone		Inorganic	D	1		51	Midden layer
2157	Stone	Stone		Inorganic	D	1		51	Midden layer
2158	Zeolite	Zeolite		Inorganic	D	1		51	Midden layer
2159	Flint	Flint	Chipped stone	Inorganic	D	1		51	Midden layer
2160	Quartz	Stone		Inorganic	D	1		51	Midden layer
2161	Granite	Stone		Inorganic	D	1		51	Midden layer
2162	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2163	Quartz	Stone	quartz	Inorganic	D	1		50	Disturbed layer
2164	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2165	Flint	Flint	Chipped stone	Inorganic	D	1		50	Disturbed layer
2166	Flint	Flint	Eldtinna	Inorganic	D	1		50	Disturbed layer
2167	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	50	Disturbed layer
2168	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2169	Whetstone	Schist	Whetstone	Inorganic	D	1	19-20th century	50	Disturbed layer
2170	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2171	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2172	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2173	Stone	Sandstone		Inorganic	D	1		50	Disturbed layer
2174	Quartz	Quartz		Inorganic	D	1		50	Disturbed layer
2175	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2176	Flint	Flint	Chipped stone	Inorganic	D	1		50	Disturbed layer
2177	Flint	Flint	Chipped stone	Inorganic	D	1		50	Disturbed layer
2178	Anthrasite	Stone		Inorganic	D	1		50	Disturbed layer
2179	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2180	Whetstone	Dolerit	Whetstone	Inorganic	D	1		50	Disturbed layer
2181	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2182	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
2183	Obsidian	Rhyolite		Inorganic	D	2		50	Disturbed layer
2184	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
2185	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2186	Slag	Stone		Inorganic	D	1		50	Disturbed layer
2187	Flint	Flint	Chipped stone	Inorganic	D	1		50	Disturbed layer
2188	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2189	Glass	Glass		Inorganic	D	1		50	Disturbed layer
2190	Slag	Stone		Inorganic	D	1		50	Disturbed layer
2191	Slag	Stone		Inorganic	D	1		50	Disturbed layer
2192	Slag	Stone		Inorganic	D	1		50	Disturbed layer
2193	Slag	Stone		Inorganic	D	1		50	Disturbed layer
2194	Stone	Stone		Inorganic	D	1		50	Disturbed layer
2195	Anthrasite	Stone		Inorganic	D	7		50	Disturbed layer
2196	Slate	Stone		Inorganic	D	7		50	Disturbed layer

Find nr.	Find	Material	Type of find	Artefacts	Area	Nr. Of fragm.	Dating	Found in context	Context type
2197	Glass	Glass		Inorganic	D	1		50	Disturbed layer
2199	Glass	Glass		Inorganic	D	1		52	Cultural layer
2200	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1750	89	Cultural layer
2202	Porceline	Ceramics	Bowl	Inorganic	D	1	1750-1900	50	Disturbed layer
2203	Porceline	Ceramics	Vessel	Inorganic	D	4	1750-	50	Disturbed layer
2204	Flintware	Ceramics	Bowl	Inorganic	D	2	1750-	50	Disturbed layer
2205	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-	50	Disturbed layer
2206	Flintware	Ceramics	Plate	Inorganic	D	2	1900-	50	Disturbed layer
2207	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
2208	Fajance	Ceramics	Vessel	Inorganic	D	1	1750-	50	Disturbed layer
2209	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-	50	Disturbed layer
2210	Fajance	Ceramics	Vessel	Inorganic	D	1	1700-1850	50	Disturbed layer
2211	Stoneware	Ceramics	Jug	Inorganic	D	1	1600-1700	50	Disturbed layer
2212	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-1900	50	Disturbed layer
2213	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
2214	Flintware	Ceramics	Vessel	Inorganic	D	1	1850-	50	Disturbed layer
2215	Porceline	Ceramics	Vessel	Inorganic	D	1	1700-	50	Disturbed layer
2216	Flintware	Ceramics	Vessel	Inorganic	D	5	1800-1900	50	Disturbed layer
2217	Porceline	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
2219	Flintware	Ceramics	Plate	Inorganic	D	50	1900-	50	Disturbed layer
2220	Flintware	Ceramics	Plate	Inorganic	D	29	1900-	50	Disturbed layer
2221	Flintware	Ceramics	Plate	Inorganic	D	147	1900-	50	Disturbed layer
2222	Flintware	Ceramics	Plate	Inorganic	D	140	1900-	50	Disturbed layer
2223	Flintware	Ceramics	Vessel	Inorganic	D	74	1900-	50	Disturbed layer
2224	Flintware	Ceramics	Vessel	Inorganic	D	67	1900-	50	Disturbed layer
2225	Flintware	Ceramics	Plate	Inorganic	D	8	1900-	50	Disturbed layer
2226	Flintware	Ceramics	Vessel	Inorganic	D	12	1900-	50	Disturbed layer
2227	Flintware	Ceramics	Vessel	Inorganic	D	6	1850-	50	Disturbed layer
2230	Fajance	Ceramics	Plate	Inorganic	D	6	1650-1850	50	Disturbed layer
2231	Flintware	Ceramics	Plate	Inorganic	D	2	1800-	50	Disturbed layer
2232	Flintware	Ceramics	Bowl	Inorganic	D	7	1850-	50	Disturbed layer
2233	Flintware	Ceramics	Vessel	Inorganic	D	15	1900-	50	Disturbed layer
2234	Porceline	Ceramics	Vessel	Inorganic	D	4	1700-	50	Disturbed layer
2235	Fajance	Ceramics	Vessel	Inorganic	D	4	1700-1850	50	Disturbed layer
2237	Flintware	Ceramics	Vessel	Inorganic	D	5	1900-	50	Disturbed layer
2239	Whiteware	Ceramics		Inorganic	D	1		50	Disturbed layer
2240	Fajance	Ceramics	Bowl	Inorganic	D	2	1700-1850	50	Disturbed layer
2241	Whiteware	Ceramics		Inorganic	D	1		50	Disturbed layer
2242	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-1900	50	Disturbed layer
2243	Flintware	Ceramics	Vessel	Inorganic	D	1	1800-	50	Disturbed layer
7403	Needle	Bone		Organic	E	1		10002	Midden layer
10485	Whetstone	Schist	Whetstone	Inorganic	D	1		50	Disturbed layer
10541	Redware	Ceramics	Cooking pot	Inorganic	D	1	1400-1750	52	Cultural layer
12392	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
12393	Bronze	Bronze		Inorganic	B	1		302	Cultural layer
14447	Window glass	Glass		Inorganic	D	1		50	Disturbed layer
14448	Window glass	Glass		Inorganic	D	1		50	Disturbed layer
				Total finds		3935			

Sýnaskrá

Sample type	Sample nr.	Type of soil	Area	From context	X	Y
Cultural layer soil	203824		A	151	581790,86	494724,98
Cultural layer soil	203825		B	329		
Cultural layer soil	203826		B	328		
Sample soil	203827	Roof tumble	D	82	581730,08	494704,09
	203828		D	204		
Sample soil	203829	Midden soil	E	110	581694,59	494734,12
Sample soil	203830	Midden soil	E	109	581693,48	494738,00
Sample soil	203831	Midden soil	E	108	581690,00	494736,62
Sample soil	203832	Midden soil	E	108	581690,00	494736,62
Sample soil	203833	Midden soil	E	107	581692,25	494738,40
Sample soil	203834	Midden soil	E	106	581692,30	494735,74
Sample soil	203835	Midden soil	E	105	581692,48	494735,76
Sample soil	203836	Midden soil	E	104	581692,45	494736,11

Teikniskrá

Nr	Description	Type	Scale
1	Svæði E, lag 109 og 110	Plan drawing	1:20
2	Svæði E, lag 101 og 110	Section drawing	1:10
3	Svæði E, lag 106 og 108	Plan drawing	1:20
4	Svæði E, lag 106,107 og 105	Plan drawing	1:20
5	Svæði E, lag 106	Plan drawing	1:20
6	Svæði E, lag 111	Section drawing	1:10
7	Svæði E, lag 105 og 106	Plan drawing	1:20
8	Svæði E, lag 101-106	Section drawing	1:10
9	Svæði E, lag 104	Plan drawing	1:20
10	Svæði E, lag 103 og 112	Plan drawing	1:20
11	Svæði B, snið í gegnum húsið	Section drawing	1:10
12			
13	Svæði B		
14	Svæði B, snið í gegnum húsið		1:10
15	Svæði B, snið í gegnum húsið	Section drawing	1:10
16	Svæði A	Section drawing	1:20
17	Svæði A	Plan drawing	1:20
18		Plan drawing	
19			
20			
21	Svæði F	Plan drawing	1:20

Ljósmyndaskrá

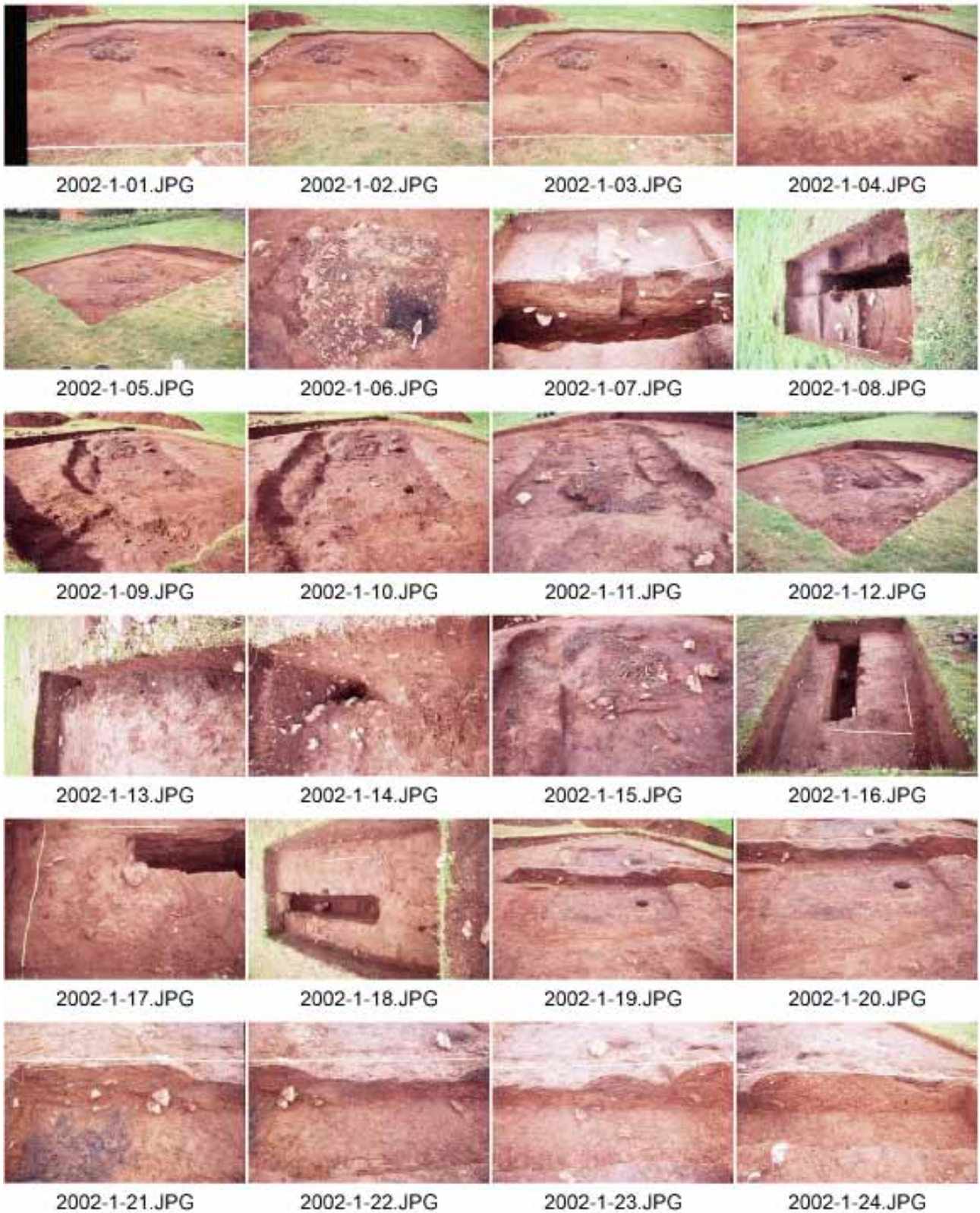
Image id	Film id	Name	Type	Research nr.	Description
2002-1-1	4419	Area B	Film	37	Eftir að lag 302 var fjarlægt
2002-1-2	4419	Area B	Film	37	Eftir að lag 302 var fjarlægt
2002-1-3	4419	Area B	Film	37	Eftir að lag 302 var fjarlægt
2002-1-4	4419	Area B	Film	37	Eftir að lag 302 var fjarlægt
2002-1-5	4419	Area B	Film	37	Eftir að lag 302 var fjarlægt
2002-1-6	4419	Area B	Film	37	
2002-1-7	4419	Area E	Film	37	Mid-Ex af 101-110, horft í vestur
2002-1-8	4419	Area E	Film	37	Horft í SE
2002-1-9	4419	Area B	Film	37	
2002-1-10	4419	Area B	Film	37	
2002-1-11	4419	Area B	Film	37	
2002-1-12	4419	Area B	Film	37	
2002-1-13	4419	Area B	Film	37	
2002-1-14	4419	Area B	Film	37	
2002-1-15	4419	Area B	Film	37	
2002-1-16	4419	Area E	Film	37	Horft í SE
2002-1-17	4419	Area E	Film	37	Horft í SE
2002-1-18	4419	Area E	Film	37	Horft í SE
2002-1-19	4419	Area B	Film	37	
2002-1-20	4419	Area B	Film	37	
2002-1-21	4419	Area B	Film	37	Snið gegnum húsið frá A-V
2002-1-22	4419	Area B	Film	37	Snið gegnum húsið frá A-V
2002-1-23	4419	Area B	Film	37	Snið gegnum húsið frá A-V
2002-1-24	4419	Area B	Film	37	Snið gegnum húsið frá A-V
2002-1-25	4419	Area B	Film	37	
2002-1-26	4419	Area E	Film	37	
2002-1-27	4419	Staff02	Film	37	
2002-1-28	4419	Staff02	Film	37	
2002-1-29	4419	Area E	Film	37	
2002-1-30	4419	Area B	Film	37	Snið gegnum húsið frá E-W
2002-1-31	4419	Area B	Film	37	Snið gegnum húsið frá E-W
2002-1-32	4419	Area B	Film	37	Snið gegnum húsið frá E-W
2002-1-33	4419	Area B	Film	37	Snið gegnum húsið frá E-W
2002-1-34	4419	Area B	Film	37	Snið gegnum húsið frá E-W
2002-1-35	4419	Area B	Film	37	Snið gegnum húsið
2002-1-36	4419	Area B	Film	37	Snið gegnum húsið
2002-2-1	2	Area B	Digital	37	
2002-2-2	2	Area B	Digital	37	
2002-2-3	2	Area B	Digital	37	
2002-2-4	2	Area B	Digital	37	
2002-2-5	2	Area B	Digital	37	
2002-2-6	2	Area B	Digital	37	
2002-2-7	2	Area B	Digital	37	
2002-2-8	2	Area B	Digital	37	
2002-2-9	2	Area B	Digital	37	
2002-2-10	2	Area B	Digital	37	
2002-2-11	2	Area B	Digital	37	
2002-2-12	2	Area B	Digital	37	
2002-2-13	2	Area B	Digital	37	
2002-2-14	2	Area B	Digital	37	
2002-2-15	2	Area B	Digital	37	
2002-2-16	2	Area B	Digital	37	
2002-2-17	2	Area B	Digital	37	
2002-2-18	2	Area B	Digital	37	
2002-2-19	2	Area B	Digital	37	

Image id	Film id	Name	Type	Research nr.	Description
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2002-2-21	2	Area B	Digital	37	
2002-2-22	2	Area B	Digital	37	
2002-2-23	2	Area B	Digital	37	
2002-2-24	2	Area B	Digital	37	
2002-2-25	2	Area B	Digital	37	
2002-2-26	2	Area B	Digital	37	
2002-2-27	2	Area B	Digital	37	
2002-2-28	2	Area B	Digital	37	
2002-2-29	2	Area B	Digital	37	
2002-2-30	2	Area B	Digital	37	
2002-2-31	2	Area B	Digital	37	
2002-2-32	2	Area B	Digital	37	
2002-2-33	2	Area B	Digital	37	
2002-2-34	2	Area B	Digital	37	
2002-2-35	2	Area B	Digital	37	
2002-2-36	2	Area B	Digital	37	
2002-2-37	2	Area B	Digital	37	
2002-2-38	2	Area B	Digital	37	
2002-2-39	2	Area B	Digital	37	
2002-2-40	2	Area B	Digital	37	
2002-2-41	2	Area B	Digital	37	
2002-2-42	2	Area B	Digital	37	
2002-2-43	2	Area B	Digital	37	
2002-2-44	2	Area B	Digital	37	
2002-2-45	2	Area B	Digital	37	
2002-2-46	2	Area B	Digital	37	
2002-2-47	2	Area B	Digital	37	
2002-2-48	2	Area B	Digital	37	
2002-2-49	2	Area B	Digital	37	
2002-2-50	2	Area B	Digital	37	
2002-2-51	2	Area B	Digital	37	
2002-2-52	2	Area B	Digital	37	
2002-2-53	2	Area B	Digital	37	
2002-2-54	2	Area B	Digital	37	
2002-2-55	2	Area B	Digital	37	
2002-2-56	2	Area B	Digital	37	
2002-2-57	2	Area B	Digital	37	
2002-2-58	2	Area B	Digital	37	
2002-2-59	2	Area F	Digital	37	
2002-2-60	2	Area B	Digital	37	
2002-2-61	2	Area B	Digital	37	
2002-2-62	2	Area B	Digital	37	
2002-2-63	2	Area B	Digital	37	
2002-2-64	2	Area B	Digital	37	
2002-2-65	2	Area B	Digital	37	
2002-2-66	2	Area B	Digital	37	
2002-3-1	3	Area A	Digital	37	
2002-3-2	3	Area A	Digital	37	
2002-3-3	3	Area A	Digital	37	
2002-3-4	3	Area A	Digital	37	
2002-3-5	3	Area A	Digital	37	
2002-3-6	3	Area A	Digital	37	
2002-3-7	3	Area A	Digital	37	
2002-3-8	3	Area A	Digital	37	

Image id	Film id	Name	Type	Research nr.	Description
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2002-3-10	3	Area A	Digital	37	
2002-3-11	3	Area A	Digital	37	
2002-3-12	3	Area A	Digital	37	
2002-3-13	3	Area A	Digital	37	
2002-3-14	3	Area A	Digital	37	
2002-3-15	3	Area A	Digital	37	
2002-3-16	3	Area A	Digital	37	
2002-3-17	3	Area A	Digital	37	
2002-3-18	3	Area A	Digital	37	
2002-3-19	3	Area A	Digital	37	
2002-3-20	3	Area A	Digital	37	
2002-3-21	3	Area A	Digital	37	
2002-3-22	3	Area A	Digital	37	
2002-3-23	3	Area A	Digital	37	
2002-3-24	3	Area A	Digital	37	
2002-3-25	3	Area A	Digital	37	
2002-3-26	3	Area A	Digital	37	
2002-3-27	3	Area A	Digital	37	
2002-4-1	4	Area D	Digital	37	
2002-4-2	4	Area D	Digital	37	
2002-4-3	4	Area D	Digital	37	
2002-4-4	4	Area D	Digital	37	
2002-4-5	4	Area D	Digital	37	
2002-4-6	4	Area D	Digital	37	
2002-4-7	4	Area D	Digital	37	
2002-4-8	4	Area D	Digital	37	
2002-4-9	4	Area D	Digital	37	
2002-4-10	4	Area D	Digital	37	
2002-4-11	4	Area D	Digital	37	
2002-4-12	4	Area D	Digital	37	
2002-4-13	4	Area D	Digital	37	
2002-4-14	4	Area D	Digital	37	
2002-4-15	4	Area D	Digital	37	
2002-4-16	4	Area D	Digital	37	
2002-4-17	4	Area D	Digital	37	
2002-4-18	4	Area D	Digital	37	
2002-4-19	4	Area D	Digital	37	
2002-4-20	4	Area D	Digital	37	
2002-4-21	4	Area D	Digital	37	
2002-4-22	4	Area D	Digital	37	
2002-4-23	4	Area D	Digital	37	
2002-4-24	4	Area D	Digital	37	
2002-4-25	4	Area D	Digital	37	
2002-4-26	4	Area D	Digital	37	
2002-4-27	4	Area D	Digital	37	
2002-4-28	4	Area D	Digital	37	
2002-4-29	4	Area D	Digital	37	
2002-4-30	4	Area D	Digital	37	
2002-4-31	4	Area D	Digital	37	
2002-4-32	4	Area D	Digital	37	
2002-4-33	4	Area D	Digital	37	
2002-4-34	4	Area D	Digital	37	
2002-4-35	4	Area D	Digital	37	
2002-4-36	4	Area D	Digital	37	

Image id	Film id	Name	Type	Research nr.	Description
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2002-4-38	4	Area D	Digital	37	
2002-4-39	4	Area D	Digital	37	
2002-4-40	4	Area D	Digital	37	
2002-4-41	4	Area D	Digital	37	
2002-4-42	4	Area D	Digital	37	
2002-4-43	4	Area D	Digital	37	
2002-4-44	4	Area D	Digital	37	
2002-4-45	4	Area D	Digital	37	Loftmynd
2002-4-46	4	Area D	Digital	37	
2002-4-47	4	Area D	Digital	37	
2002-4-48	4	Area D	Digital	37	
2002-4-49	4	Area D	Digital	37	
2002-4-50	4	Area D	Digital	37	
2002-4-51	4	Area D	Digital	37	
2002-4-52	4	Area D	Digital	37	
2002-4-53	4	Area D	Digital	37	
2002-4-54	4	Area D	Digital	37	
2002-4-55	4	Area D	Digital	37	
2002-4-56	4	Area D	Digital	37	
2002-4-57	4	Area D	Digital	37	
2002-4-58	4	Area D	Digital	37	
2002-4-59	4	Area D	Digital	37	
2002-5-1	5	Area E	Digital	37	
2002-5-2	5	Area E	Digital	37	
2002-5-3	5	Area E	Digital	37	
2002-5-4	5	Area E	Digital	37	Horft í SE
2002-5-5	5	Area E	Digital	37	Horft í SE
2002-5-6	5	Area E	Digital	37	Horft í SE
2002-5-7	5	Area E	Digital	37	
2002-5-8	5	Area E	Digital	37	
2002-5-9	5	Area E	Digital	37	
2002-5-10	5	Area B	Digital	37	
2002-5-11	5	Area B	Digital	37	
2002-5-12	5	Area E	Digital	37	
2002-5-13	5	Area E	Digital	37	
2002-5-14	5	Area E	Digital	37	
2002-5-15	5	Area E	Digital	37	
2002-5-16	5	Area E	Digital	37	
2002-5-17	5	Area E	Digital	37	
2002-5-18	5	Area E	Digital	37	
2002-5-19	5	Area E	Digital	37	
2002-5-20	5	Area E	Digital	37	
2002-5-21	5	Area E	Digital	37	
2002-5-22	5	Area E	Digital	37	
2002-5-23	5	Area A	Digital	37	
2002-5-24	5	Area E	Digital	37	

Film 1





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2002-1-36.JPG

Film 2



2002-2-01.psd



2002-2-02.jpg



2002-2-03.jpg



2002-2-04.JPG



2002-2-05.JPG



2002-2-06.JPG



2002-2-07.JPG



2002-2-08.JPG



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2002-2-66.JPG

Film 3



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2002-3-04.JPG

2002-3-05.JPG



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2002-3-27.JPG

Film 4



2002-4-01.psd



2002-4-02.psd



2002-4-03.psd



2002-4-04.jpg



2002-4-05.JPG



2002-4-06.JPG



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2002-4-47.JPG



2002-4-48.JPG



2002-4-49.JPG



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2002-4-51.JPG



2002-4-52.JPG



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2002-4-58.JPG



2002-4-59.JPG



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