

26<sup>th</sup> March 2018

Removed dump onto black plastic covering the square and found that the A4 white paper I had put in the corners (NE and NW) had caught falling sediment well. Interestingly, some sediment on the white paper in the NE looked insitu with white ash covering a thin black layer.

Cleaned and straightened sections and re-plotted corner nails. In situ material from N section to S where the sandbags are, covers approx 75 cm

Appears to be some sediment from CHOCOLATE BROWN HENA along S profile in SW quadrant so will remove it as CHOCOLATE BROWN HENA<sup>4</sup>

SYR 2.5/2 (darkish reddish brown)  
Removed combustion feature in east (SE) of square separately (extension of feature in NE removed in 2017) after removing

all disturbed sediment where sandbags had been in 2017 along the south of the square.

In NE of the square the combustion feature (2017) was CF1 in <sup>Chocolate</sup> Dark Brown <sup>Ena</sup> ~~Ena~~. Called it combustion feature 2, <sup>Chocolate</sup> Dark Brown <sup>HEna</sup> ~~Ena~~.

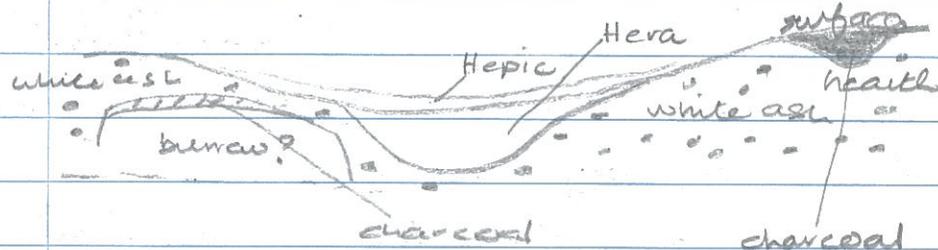
Although I thought this might be an extension of the combustion feature in Dark Brown<sup>HEna</sup> (in NE) it could be an extension of the combustion feature that stretched across the square in Dark Chocolate Brown Ena. My 2017 drawing shows this "fading" to the SE, i.e. the boundary not clearly defined. The upper part of this hearth is black SYR 2.5/1 with much charcoal and patches of white and grey burnt bone, fragmented and probably

part of the same piece. Charcoal pieces handpicked from sediment. Dug a section along the sandbag S edge of the square to see what was happening and found a dark patch approximately in the middle of the square along the S section. Starting removing a thin layer of grey fine material from this.

In SE of square, where the death is, the SE corner has disturbed material which is the same color and consistency as the surface material in square N108 E116. Removed this separately and discarded it.

Reassessment of members and confirmation of Chocobrown Ena as lying on 4WA, as predicted by Lynn in 2017, therefore ENA

renamed HENA and labels assume 4BS (not 3BS as previously) label. The fine layer of grey as described on previous page is HEPIC. This was removed until a darker hue was evident. This is 10YR 2/2 very dark brown and the original exposure is shown on a recording sheet <sup>Hepic (removed by Lynn)</sup> HEPIC plan 1. Bucket point 5733



Removed dark sediment HERA 10YR 2/2 VERY DARK BROWN. Seemed largely sterile until I came upon a large piece of ocotea (leaf), chunk, flake and some charcoal. Note that since the start

of the 2018 season I have been digging in the two southern most quadrants and mixing them because there is approx 25-30cm only before the disturbed area of the edge where the bags are.

Once I extended Hera deeper (North) into the square there appeared a very fine grey layer on Hera - the color is similar to Hepic, but I am renaming it as Heos, namely DARK BROWN HEOS (7.5YR 3,2 Dark brown). Very little sediment Base of Dark Brown Hera <sup>not</sup> ~~not~~ reached (2 years down). Last (2a) plan had charcoal and bone but no lithics.

Moved across to SW quadrant to excavate patches of dark sediment between the "white" and pale grey exposure. Varies in

color between VERY DARK BROWN (HESTER) to dark brown 10YR 3/2 to 10YR 3/3; occurs in pockets. A very small amount of sediment < 500ml of Dark Brown Heos removed. All placed in one 120x160mm pkt. called soil sample bucket point 5822. Note on packet says the same.

Remained gritty while sediment in NW corner of quadrant beyond dark brown hester. The latter appears to truncate the white ash, which is probably 4WA and so has been labelled as such. The pinkish grey 5YR 6/2 sediment has been named PINKISH GREY IANUS 5YR 6/2 in plan I removed lithics, charcoal and shell but no obvious bone

1/04/2018 Removed Pinkish Grey  
Iamus Plan 2 - around of it is  
lessening with more <sup>very</sup> dark brown  
Hester and very dark brown Hester  
being exposed in SE and diagonally  
across NW Ram sandbags towards N  
section. Charcoal, lumps and a large  
(3-4cm) piece of Acrataea, subburned;  
+aphorany re processing? The  
sediment varies in color from  
more "white" to more orange and is  
mostly gritty, sometimes quite  
strongly cemented, i.e. may come out  
in small clods. (cement is perhaps  
too strong a word to use)

2/04/2018 Pinkish ~~grey~~ <sup>grey</sup> Iamus  
changing to more grey - IOYR 2/3  
brown called BROWN IBIS. Before  
digging it I remove <sup>VERY</sup> DARK BROWN  
HESTER from NW of square. It  
appears that very dark brown Hester,

Very dark brown Hester and Pinkish  
Grey Iamus are all part of the  
same combustion feature. This  
is evident on the N section as  
dark earth.

3/04/2018 Removed the darkish part  
of ~~the darkish part~~ (UOB Hester and  
Hester) across the quadrat as  
Very dark brown ICARUS. The color  
was not uniform across the  
extent of it. There were large  
clumps of charcoal; some very  
delicate and packed directly into  
packs so that the pieces  
stayed together. Soil sample  
taken from bucket.

In connection with this  
combustion feature generally,  
it is interesting to note that  
the material in the center  
lies horizontally, whereas

wards the edges, the spill is chaotic and sometimes vertical. Another general point of interest is that after a night of heavy mist i.e. in the morning of the 2nd, small pods of water had collected in the "rock face" areas on the path down to the site. This water was sufficient to drink, and looked clear and fresh.

10/4/2018 Removed Dark Brown ldi from across the quadrant except for where Pink lcuco is. The layer has no obvious lithics, a little rock spill and is characterized by bone fragments (although not many). Plan 1 was removed to a new cemented paler layer in certain but not all parts of the quadrant.

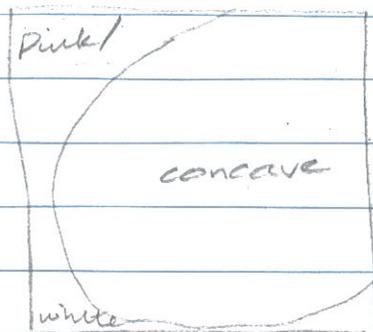
5/04/2018 Saw a snake on the side of the path, near the start of the

way down, only shiny brown head visible, just where high had picked a Pariceon mosaicum inflorescence. Stillborn away silently. In spite of thick early morning mist from SW, the rocks were not moist and no small water pods were evident.

Continued removing Dark Brown ldi from square and found that the Pinkish Grey lcuco in the NW corner appears to slope down under Dark Brown ldi, perhaps forming a basin with a combustion feature within it in the centre S of the combustion feature (which probably comprises Hera, Hester, Heos, Uis, Kams and ldi) - at least - there is a grey area from which I removed a ~~unit~~ for dating # 6232. Also in

Plan 1 of ~~axis~~ BROWN ldi was a  
loose <sup>box (6233)</sup> that seemed to match another  
Box to the NE in Dark Brown ldi.  
There was also a piece of ~~axis~~  
#6277, a base and a little all  
within 20cm<sup>2</sup> (approx). Dark Brown  
ldi 3 appeared to extend below this  
small feature, which had a very  
low volume too (<0.5g)

4/04/2018 Remained Dark brown ldi  
Ran across the quadrant until  
it seemed there was a lighter  
more yellow hue [NW corner still  
in situ - ~~pink~~ pink lumps]. There  
is not much cubefacial material,  
spall is mostly absent and  
even present < 3cm max dimension  
My hypothesis is that the  
situation in the quadrant  
indicates that there is some  
sort of pit dug into the



pinkish grey. As I have been  
digging different parts of Dark  
Brown ldi the "sides" of the pit  
have sloped inwards and an  
edge has appeared along the  
south. As in the NW, in the SE  
the white ash/dark brown contact  
is very abrupt and clear.

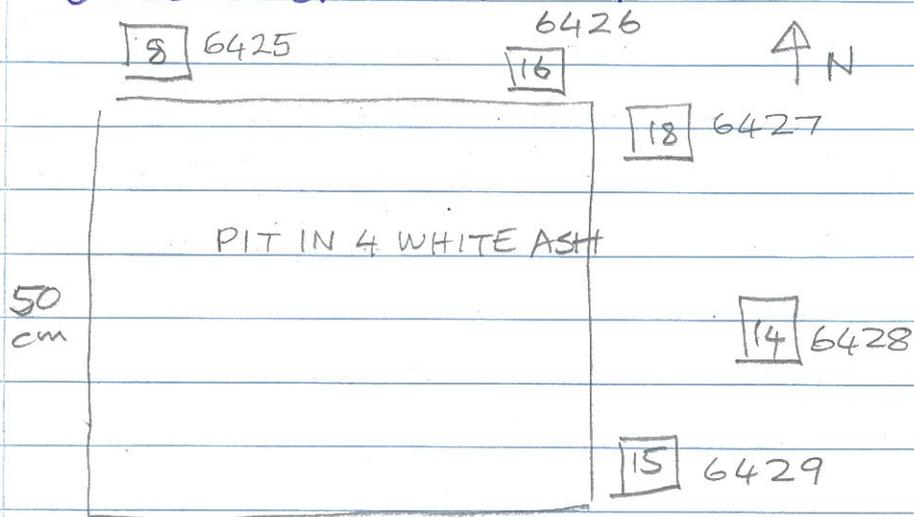
7/04/2018 Found what appeared to  
be "spills" of a darker hue and  
suspected interpretations like resin  
remains and of wood, etc.  
Decided to take samples # 6354 and  
# 6355 from different parts of the  
quadrant to test this. Initially  
I thought the features were 1m

thick because this was the situation on the edge, but in the centre it was thicker.

04/2018 The lower level of Dark Brown ldi 6 is characterised by "orange" patches, some only 1cm across. They are fine silty in texture - a sample was taken further up the ldi sequence - and one evidently to be bare. To check, is a small fine piece of what could be silicified plant matter, e.g. a leaf. [bucket point 640]. In the centre of the depression is a heavy ellitic (potted 6399) which has had flakes removed and has been exposed to heat - piece of charcoal potted alongside and piece of bone. The orange patches referred to above and interspersed with dark patches (sample taken

earlier (50) Dark Brown <sup>ldi</sup> 7

PHOTOGRAMMETRY by Palomo of Dark brown ldi 7



taken to show shape and size of pit in 4WA. last photogram is 6392 - first one is 6359 - on Palomo's camera (6393 = me writing in my notebook Palomo took a series of EDM readings across the profile of the pit so that the shape and size can be reproduced.

The base of the pit (di cing WA) is not the same white as the sides, which introduces the possibility that it has not been reached or that the pit was used for heating. The "orange" and "dark brown" pattern is characteristic of the base of a fire, which supports the hypothesis that Pit (di cing WA) was used for heating (roasting, heating stone/odine etc). The presence of the heavy core, burnt agate etc. points towards this. Francesca suggests the ash (of Pinkish Gray) may have been removed for use elsewhere - eg. as medicine. Then the pit could have had another use.

C Sievers working in SW quadrant

NIOS EHS.S

12/04/2018

G Lane

Working in SE quadrant.

- The combustion feature found in the SW quadrant seems to continue into the SE quadrant.
- Start by cleaning the square and removing the collapse along the ~~SE~~ E wall most of which seems to be Chocolate Brown Hena (4BS). This is the last of the 4BS before we get to the 4WA level.
- ~~The plan drawing will be the very top of the 4WA level.~~
- Plan drawing is actually the lowest level of 4BS as most of the deposit in the square seems to be combustion feature in chocolate BROWN Hena below this I can see some dark brown which

seems to be BROWN IBIS.

- As I have dug into the combustion feature it is just full of charcoal (see plan 2) and includes small fragments of burnt bone.

In charcoal area 1 I found 3 charred seeds.

The quadrant is so dense with charcoal that after only 1 litre of soil I needed to plot in the charcoal.

COMBUSTION  
FEATURE:

IN CHOCOLATE  
BROWN HENA  
IBIS

POSSIBLY

THE

PINKISH

GREY

N

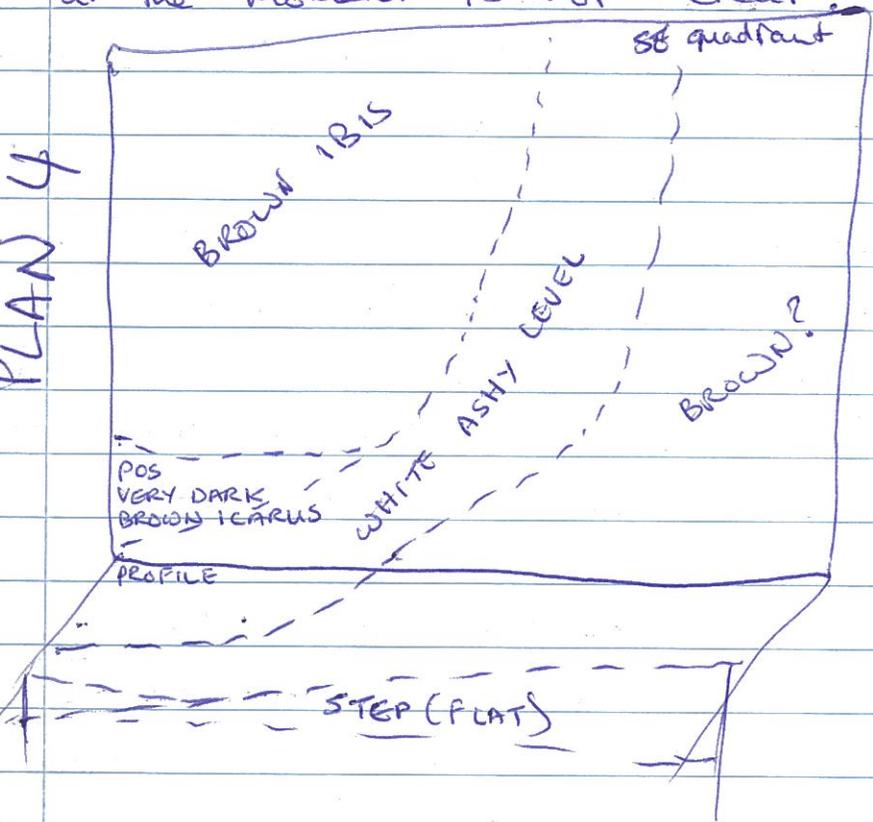
- As I have dug down it ~~has~~ looks like the combustion feature is only in the NW corner with BROWN IBIS showing up 4P underneath. Under the Brown Ibis in the SW corner there is a pinkish white/grey which might be the same as the pinkish grey Icarus + Icarus that is found in the W section of CS's quadrant.

- I am ~~am~~ going to remove the last of the combustion feature and charcoal see plan 3 and then start excavating the rest as BROWN IBIS in 4LOA.

After removing the last of the combustion feature in ~~Dark Brown~~ Chocolate Brown Hena I ~~had~~ feel I have reached BROWN IBIS. Some of the very dark brown ~~Icarus~~ Icarus

might be exposed in the SW corner. The Brown Ibis and Very dark brown Icarus seem to overlay a white ashy level along the southern edge and along the centre of the SE quadrant. How this relates to Dark Brown Ibi at the moment is not clear.

PLAN 4



seed # 6601

13/04/2018

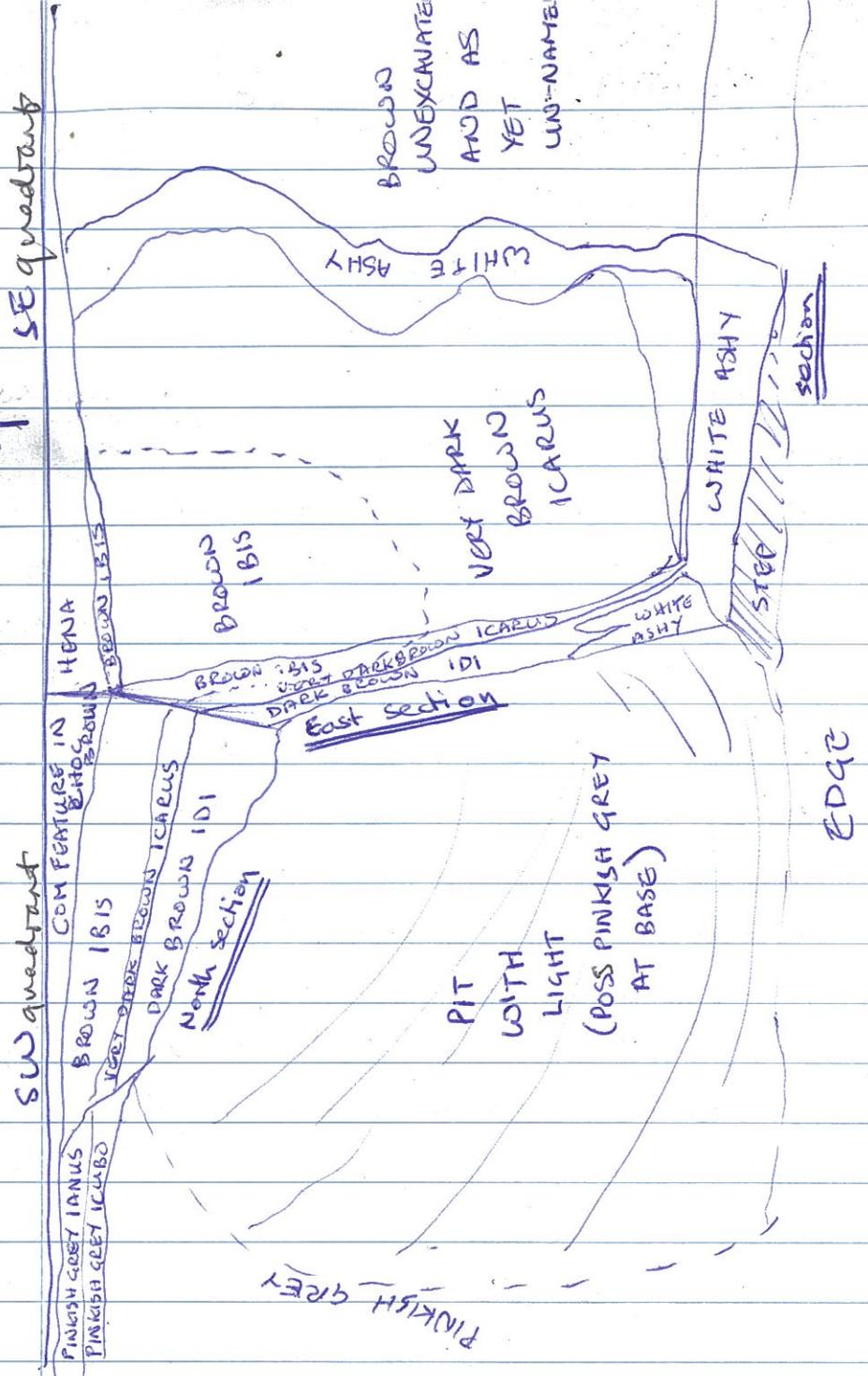
Started the day packaging all the finds we shot in late yesterday and found one extra lithic I had missed which we shot in.

When I used the Munsell colour chart the soil is coming up as Dark Brown but I am confident that it is the same level CS called BROWN IBIS so I will continue calling it that. It does have patches of lighter soil which may have made her soil sample lighter.

Along the edge of the feature near the white ashy level marked in sketch is darker and might be Very Dark Brown Icarus

SE quadrant

SW quadrant



NB! WHAT I AM CALLING WHITE ASHY IS NOT AN OFFICIAL NAME, I think it is the edge of the roasting pit CS found but still need to confirm it is the same so for the moment I can just calling it White Ashy but not excavating it.

As can be seen from the drawing I think the pit curves quite steeply up and the white ashy on my plan drawing represents the edge.

I think I can see a change between Brown Ibis and a much darker level which I think corresponds with CS's Very Dark Brown Icarus. In the section close to my NW corner I expect to see Dark Brown IDI

Note that as drawn in the east section of my drawing I think the Very Dark Brown Icarus overlays the white ash at the edges. The pins put into the east section by CS indicate that she may have taken out some of what I am calling Very Dark Brown Icarus as Brown Ibis

- lithic #6647 might be roof spall but it looks like it has heat damage
- sediment sample taken

Plan B of Brown Ibis marked its base. I feel that the distinction in the NW corner of my quadrant is somewhat arbitrary but clearer around the edges. I have followed the black pins CS put in to mark the distinction in the

NW corner and will put black pins in on my Northern profile. Pink pins mark the base of the combustion feature in chocolate brown Hena

I am going to excavate the Very Dark Brown Icarus from the edges of the white ash where the distinction is obvious and move towards the NW corner

Excavating in the SW corner I have come across a very ashy area filled with lots of charcoal and some fragmentary bone. Despite the amount of charcoal I do not think we will get much for analysis as it looks very fragmentary. This charcoal filled area seems to lie on top of the whiter more ashy layer

I am seeing around what I think is the edge of the feature I am going to take out the dark charcoal filled area as very dark brown Icarus as well.

Plan 1 Very Dark Brown Icarus = photo taken

I excavated out the rest of the very dark brown Icarus in the NW corner. I have left the white ash layer. It seems like it might be capping a little of the brown, but also the brown roasting pit might dug into the white ash layer (the sides of the pit CS dug in N108 E115 (SW) have a similar white ash charcoal look.

~~The base I have~~

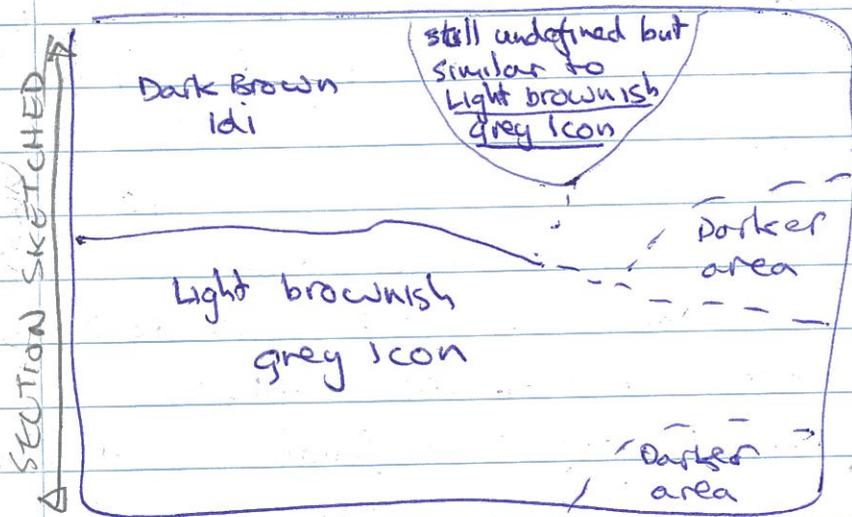
\* I am going to shoot in a few bones in the N108 E115 (SW). When cleaning these came loose from the base of the roasting pit. CS last talks about Dark Brown Idi 7 which I assume is Plan 7 I will take out the pieces of bone and charcoal as DARK BROWN ID1 PLAN 8. The locations plotted are approximate as they were disturbed during cleaning, but they do come from the pit.

14/04/2019

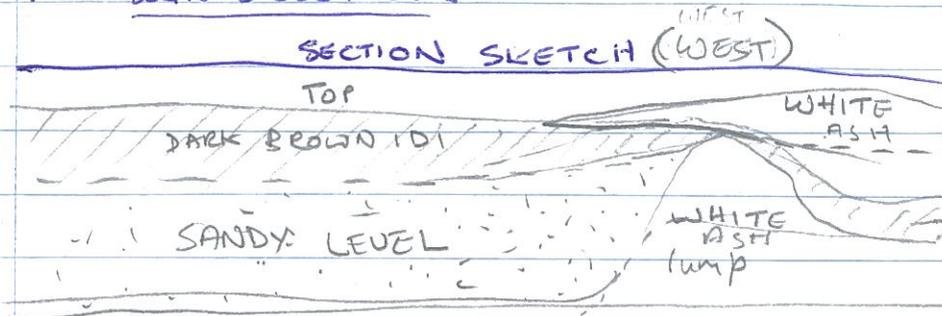
I am going to take down the dark brown sediment in the NW corner as DARK BROWN ID1. I am going to try and follow what I think is the pit edge down. It is showing up in the quadrant as a ridge approximately through the middle of the quadrant. (PLAN 1)

I took out about 500 ml of Dark Brown Idi and it became clear that the WHITE ASHY AREA IN THE south capped Dark Brown Idi. After a discussion with Dom it was ~~decided~~ decided to leave Dark Brown Idi and work on the White Ashy area

WHITE ASHY AREA = LIGHT BROWNISH GREY ICON

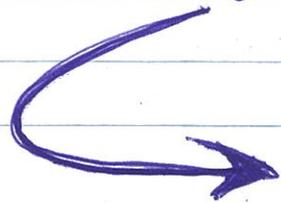


The profile also shows the Light Brownish Grey icon covering the Dark Brown Idi.



The white ash area (called Light Brownish Grey icon on the upper level) seems to be made up of two levels at least.

Starting the Light Brownish Grey icon level by removing the charcoal and lithic from the top and Plan I drawing + extra section drawing + photographs - No deposit removed before Plan I drawn.





SE quadrant



I have been calling the quadrant N108 E115 (SE) but I am changing it to N108 E115.5 in line with the rest of the excavation.

N108 E115 (SE) = N108 E115.5

★ THIS PAGE GOES BEFORE THE PRECEDING ONES

As I started to take the Plan 1 charcoal out I realised there was more underneath. I am taking the charcoal out in the sections as I excavate as indicated in plan 1

slowly exposing + paraloiding a bone in the Light Brownish Grey Iron The bone is surrounded by dense charcoal. Lyn to take a photo

15/04/2018

Continuation of Light Brownish Grey Iron. Still lots of charcoal coming out.

In much of the south half of the quadrant I have removed most of the charcoal layer

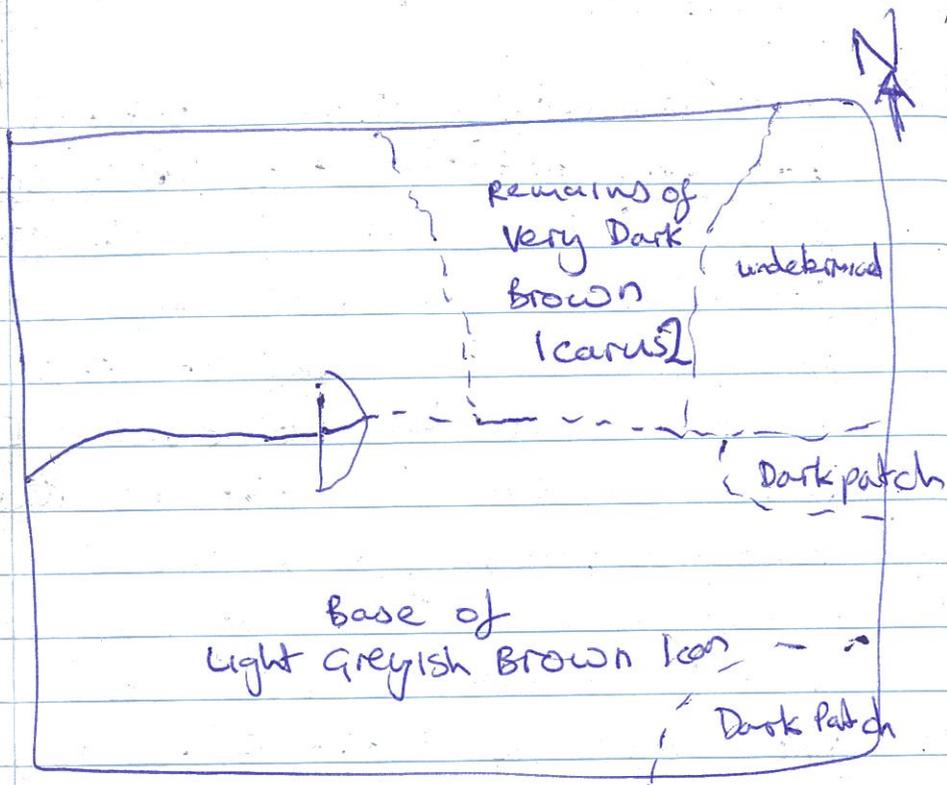
Light Brownish grey Icon. There is still some that will be removed after the bone + lithics drawn in Plan 2

Soil sample 1 is taken in the ~~SW~~ SW corner at the lower part of Light Brownish grey Icon it is the base of the charcoal rich area and near the interface with the lower layer which has less charcoal and is lighter with lots of burnt bone

Soil sample 2 is from higher up centre south part which is still in the middle of the Light Brownish Grey icon

There is a very clear vertical boundary between the Dark Brown Idri and the Light Brownish Grey Icon but as we move East along the contact the Brown seems to be over. I think the Brown might be the remains of Very Dark Brown icarus which was not removed. Very Dark Brown icarus covered the whole of Light Brownish Grey Icon

I am going to take out the what seems to be the remains of Very Dark Brown icarus. I originally left it because it seemed to have a lot of white but looking at a mini-profile this is just a very thin lens



The section of Very Dark Brown Icarus that I ~~have~~ am now going to remove is full of charcoal. I am going to remove this as I excavate and shoot in a point on PLAN 3 (PLAN 2 done for the) rest of the square on the 13/04

Calling it VERY DARK BROWN ICARUS 2  
But Plan No continue 1, 2, 3, etc from Dark Brown Icarus

After 2 plans of Very Dark Brown Icarus 2 there is still some sediment. I think I need to take it down about another cm

Discussion with Dom re how the features were formed:  
The relationship between the Light greyish Brown Icarus and the Dark Brown Icarus and very dark brown Icarus is <sup>still</sup> not clear.

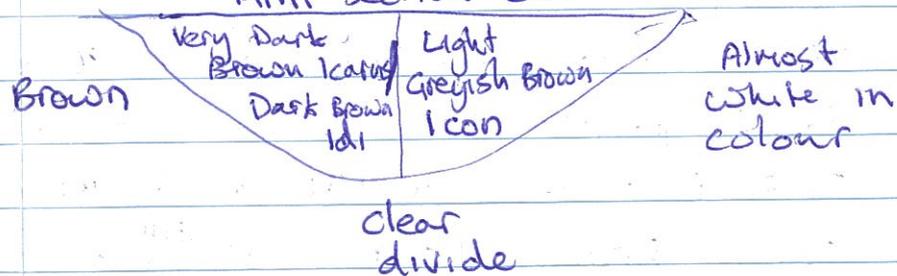
Dom says the fill of CS's pit does not look ~~natural~~ anthropogenic. It seems that CS's pit was probably left open with some residue in it and filled naturally. The Northern half of N108 E11S.5 seems to have the same natural fill as

The pit but if it is part of the pit or something different is not clear at this point.

IDI ICARUS

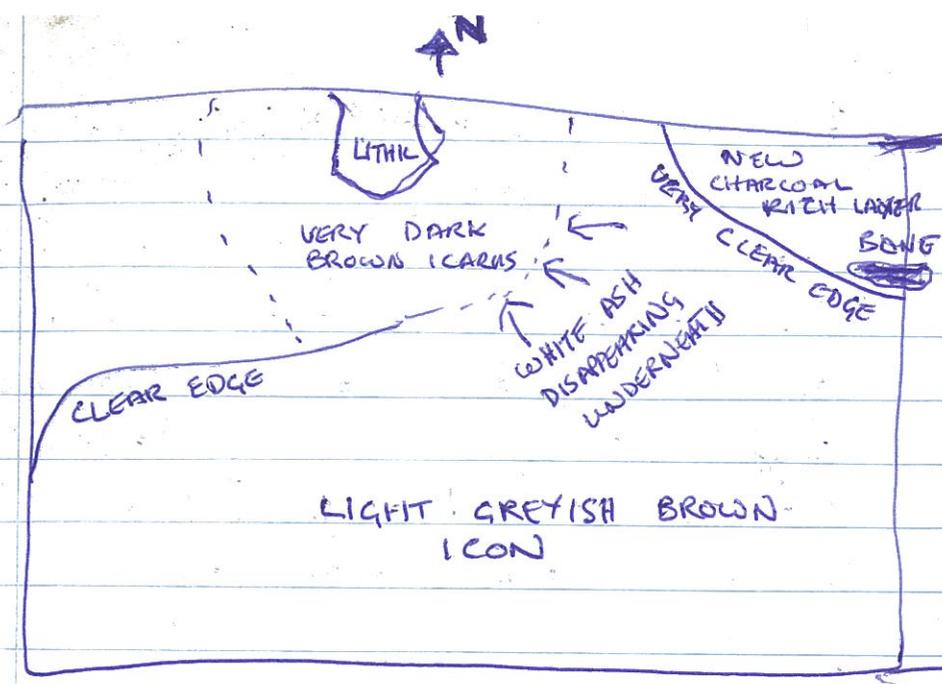
The Brown I am digging has much more roof spall than the light greyish brown icon.

Mini section cut



16/04/2018

I am continuing to take down the very dark brown Icarus 2 to figure out what is going on at the edge with the light greyish brown icon

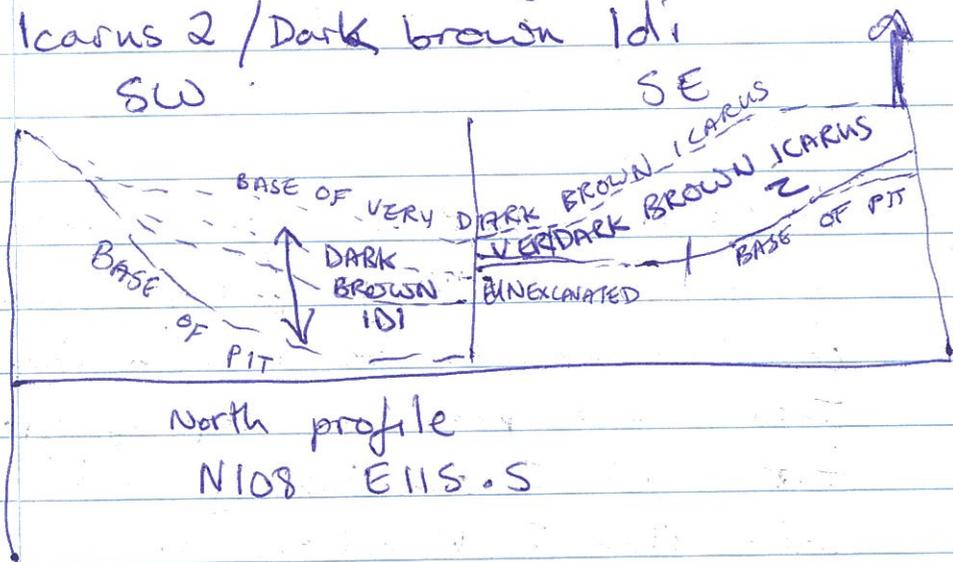


In the NE corner I have come down onto a very different sediment which seems to be rich in charcoal. There is a bone on top of it ~~but~~ which I am taking out with Plan 3 Very Dark Brown Icarus. There is a very clear edge with the white ash (light greyish brown icon)

The very dark brown Icarus seems to be infill and basically being

taken out in spits. (approx)

Now looks like pit dug into the white and a continuation of C's's pit. There is the bottom stuff then a sandy level then there is the Very Dark Brown Icarus 2 / Dark brown Idi



A few days ago I took a small quantity of deposit I named Dark Brown Idi which is the same as that I am taking out now as Very Dark Brown Icarus 2

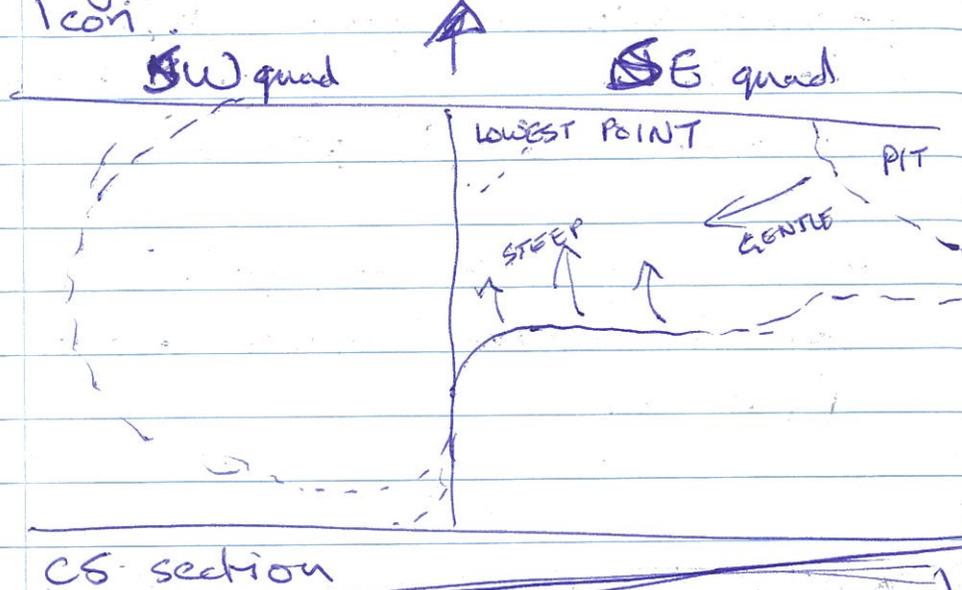
Very Dark Brown Icarus 2 = to the Dark Brown Idi that Chrissie dug

Since this is natural infill the divisions are slightly arbitrary and based on fill processes

Photo by Dom + pictures for photogram model done  
PLAN 6

\* After discussion with Lucinda I was told to just keep calling it VERY DARK BROWN ICARUS and leave out the (2).  
So from Plan 7 the 2 is left off

I seem to have reached the base of the pit that was dug into the Light Greyish Brown Icon.



~~CS section~~  
 \* N108 B115 (SW quad)

There seems to be a little sediment left in CS's side of the pit which I will remove as Dark Brown Idi Plan 8 although this will be higher than CS's ~~Plan 6~~ Plan 6

one should be able to work it out from the EDM readings

17/04/2018

on the 15th I was still excavating the Light Brownish Grey Icon thinking that it might be a pit into the brown, but it turns out (as Lynn thought) that actually the pit was dug into the Light Brownish Grey Icon so I stopped excavating the Brownish Grey Icon planning to continue to go back to it but the decision has been made to leave it as is so I am drawing a plan (PLAN 3) and shooting in a bucket point for the little deposit I had excavated so far.

NB I originally <sup>called</sup> changed this 7 but it should be 8. I think I have changed everything.

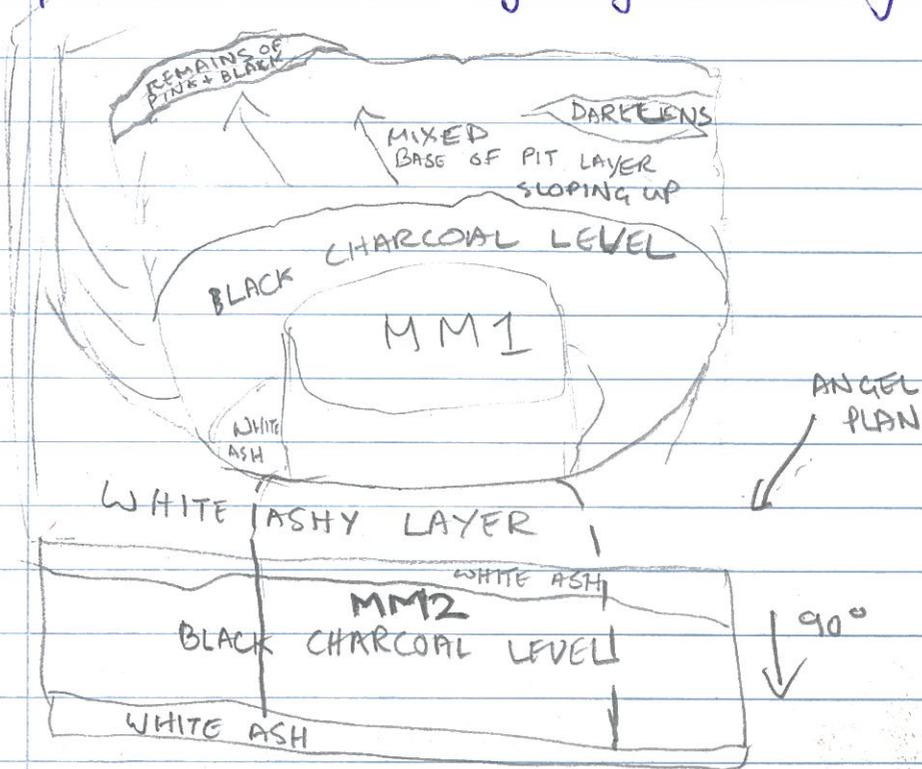
PLAN DRAWING OF the feature  
in both squares was made  
which included spots for  
georeference points for the  
photogram model

-micromorphology sample of the  
pink/black layer at the  
bottom of the pit in CS's  
quadrant N108 E115 (sw)

-all artefacts taken out together  
as Micromorph Sample Clearing  
plan 1

To get the MM1<sup>(2018)</sup> out we  
need to remove the wall  
in front of the section  
so we are taking that  
as MM2<sup>(2018)</sup>.

In the pit below the pink and  
black the seems to be more  
of the white mixed deposit which  
~~saw~~ we saw on the edge of  
the pit. Dom S. says it looks  
like something that has either  
been caused with mixing in the  
creation of the pit or during  
mixing at that edges when the  
pit was used for fire making



Took a last Bucket Point at  
the Base of the Micromorph  
Sample 1 to go with  
the bucket of deposit removed  
with the excavation of MM1(2018)  
and MM2(2018)